

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
 Data File : VN064168.D
 Acq On : 16 Oct 2020 16:45
 Operator : JC/MD
 Sample : VN1016WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBSD01

Quant Time: Oct 17 01:30:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	469560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	785359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	726570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	315383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	364303	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
35) Dibromofluoromethane	7.55	113	274467	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	10.06	98	1035446	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.38	95	333921	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	89006	20.119	ug/l	99
3) Chloromethane	2.03	50	121278	22.009	ug/l	97
4) Vinyl Chloride	2.16	62	134454	19.603	ug/l	99
5) Bromomethane	2.54	94	96383	18.725	ug/l	97
6) Chloroethane	2.68	64	90143	16.531	ug/l	93
7) Trichlorofluoromethane	2.99	101	177180	18.781	ug/l	98
8) Diethyl Ether	3.38	74	57978	19.644	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.72	101	96904	20.925	ug/l	98
10) Methyl Iodide	3.91	142	108030	16.546	ug/l	100
11) Tert butyl alcohol	4.74	59	82524	111.449	ug/l	99
12) 1,1-Dichloroethene	3.70	96	88868	19.002	ug/l	99
13) Acrolein	3.57	56	10543	17.335	ug/l	98
14) Allyl chloride	4.28	41	159904	21.913	ug/l	94
15) Acrylonitrile	4.94	53	231011	108.657	ug/l	100
16) Acetone	3.78	43	263235	132.704	ug/l	96
17) Carbon Disulfide	4.01	76	259919	19.445	ug/l	100
18) Methyl Acetate	4.28	43	114614	23.034	ug/l	96
19) Methyl tert-butyl Ether	5.00	73	272308	19.740	ug/l	94
20) Methylene Chloride	4.51	84	114426	18.643	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	99846	18.831	ug/l	92
22) Diisopropyl ether	5.90	45	322241	22.732	ug/l	89
23) Vinyl Acetate	5.85	43	1427995	112.775	ug/l	98
24) 1,1-Dichloroethane	5.80	63	208297	21.042	ug/l	99
25) 2-Butanone	6.79	43	361835	118.594	ug/l	94
26) 2,2-Dichloropropane	6.78	77	169613	20.594	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	116468	18.672	ug/l	93
28) Bromochloromethane	7.15	49	112767	23.916	ug/l #	99
29) Tetrahydrofuran	7.17	42	204198	114.516	ug/l	92
30) Chloroform	7.33	83	210605	19.970	ug/l	99
31) Cyclohexane	7.62	56	148433	20.078	ug/l	91
32) 1,1,1-Trichloroethane	7.53	97	178730	19.613	ug/l	99
36) 1,1-Dichloropropene	7.76	75	144168	19.045	ug/l	98
37) Ethyl Acetate	6.88	43	154434	22.988	ug/l	96
38) Carbon Tetrachloride	7.74	117	149865	18.411	ug/l	95

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Oct 17 01:30:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	120485	18.932	ug/l	91
40) Benzene	8.01	78	458913	20.019	ug/l	98
41) Methacrylonitrile	7.13	41	54143	18.615	ug/l	93
42) 1,2-Dichloroethane	8.09	62	170938	20.957	ug/l	98
43) Isopropyl Acetate	8.13	43	243312	21.826	ug/l #	86
44) Trichloroethene	8.80	130	112584	18.677	ug/l	99
45) 1,2-Dichloropropane	9.08	63	125368	20.874	ug/l	96
46) Dibromomethane	9.17	93	80118	18.803	ug/l	98
47) Bromodichloromethane	9.37	83	165009	19.793	ug/l	99
48) Methyl methacrylate	9.17	41	110272	21.414	ug/l	97
49) 1,4-Dioxane	9.18	88	33373	426.799	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	758108	114.923	ug/l	96
52) Toluene	10.13	92	274151	19.464	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	168701	19.722	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	186346	19.827	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	111356	19.083	ug/l	98
56) Ethyl methacrylate	10.40	69	146122	18.787	ug/l	92
57) 1,3-Dichloropropane	10.68	76	191221	19.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	408634	102.608	ug/l	97
59) 2-Hexanone	10.72	43	549418	111.642	ug/l	94
60) Dibromochloromethane	10.87	129	119640	18.252	ug/l	100
61) 1,2-Dibromoethane	10.98	107	114006	19.195	ug/l	99
64) Tetrachloroethene	10.60	164	101443	18.519	ug/l	95
65) Chlorobenzene	11.41	112	285536	18.662	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	107963	18.585	ug/l	98
67) Ethyl Benzene	11.49	91	494618	19.298	ug/l	98
68) m/p-Xylenes	11.59	106	368939	36.344	ug/l	96
69) o-Xylene	11.92	106	170246	17.888	ug/l	98
70) Styrene	11.94	104	292514	18.131	ug/l	97
71) Bromoform	12.10	173	78694	17.854	ug/l #	100
73) Isopropylbenzene	12.23	105	444496	19.457	ug/l	100
74) N-amyl acetate	12.05	43	192092	22.453	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	153050	19.459	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	207293	28.016	ug/l #	100
77) Bromobenzene	12.50	156	112523	18.143	ug/l	88
78) n-propylbenzene	12.57	91	526480	20.648	ug/l	96
79) 2-Chlorotoluene	12.65	91	320229	19.747	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	373094	20.347	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	49611	20.485	ug/l	90
82) 4-Chlorotoluene	12.75	91	338413	20.706	ug/l	96
83) tert-Butylbenzene	12.97	119	288861	19.048	ug/l	95
84) 1,2,4-Trimethylbenzene	13.02	105	367804	19.358	ug/l	98
85) sec-Butylbenzene	13.15	105	388335	19.920	ug/l	100
86) p-Isopropyltoluene	13.26	119	343512	19.045	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	195640	18.933	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	197362	18.674	ug/l	98
89) n-Butylbenzene	13.59	91	287810	20.261	ug/l	97
90) Hexachloroethane	13.85	117	63218	19.485	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	196845	19.139	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31031	20.498	ug/l	88

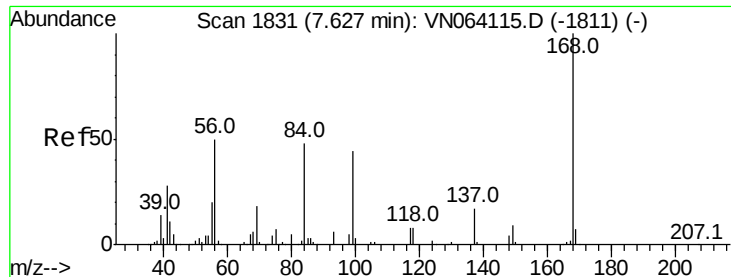
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	82368	18.453	ug/l	97
94) Hexachlorobutadiene	14.98	225	49683	20.278	ug/l	98
95) Naphthalene	15.10	128	246846	18.574	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	87929	19.297	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

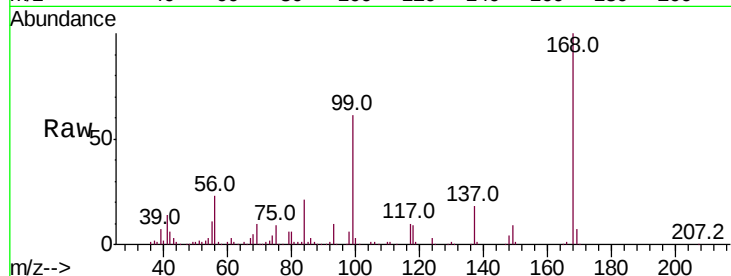
VN1016WBSD01

Tot Ion:168 Resp: 469560

Ion Ratio Lower Upper

168 100

99 60.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

200000

150000

100000

50000

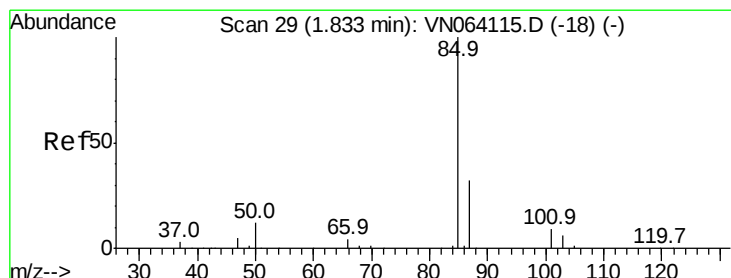
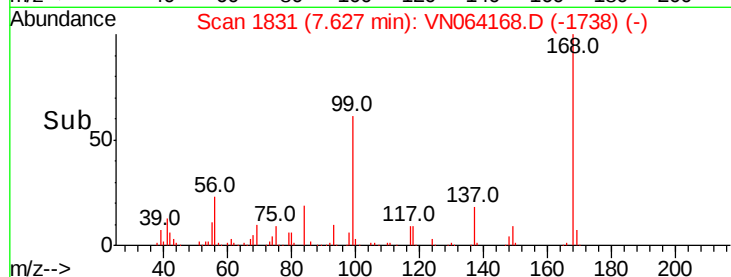
0

Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 20.119 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064168.D

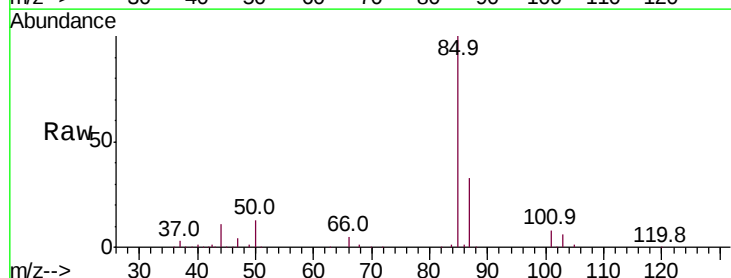
Acq: 16 Oct 2020 16:45

Tgt Ion: 85 Resp: 89006

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

40000

20000

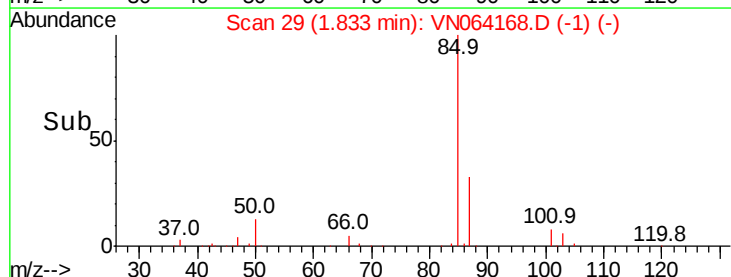
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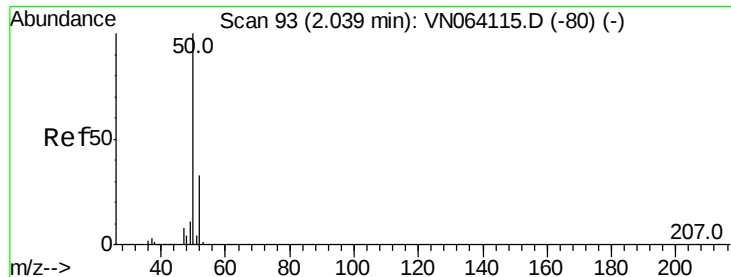
Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 22.009 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.01 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

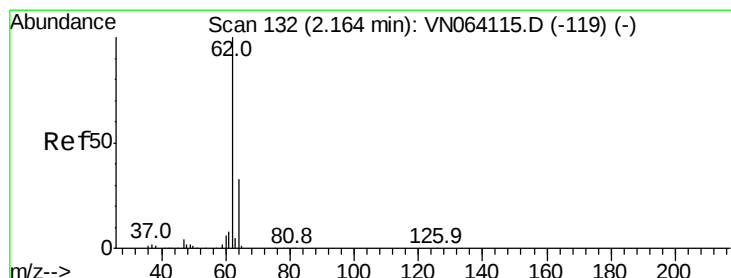
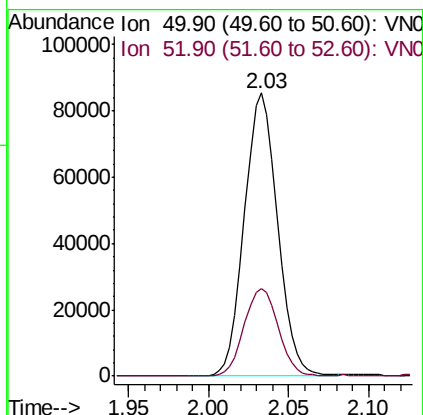
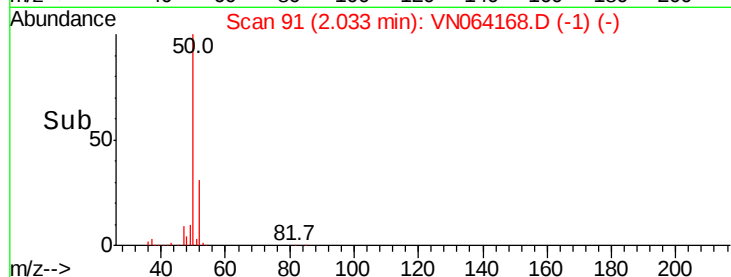
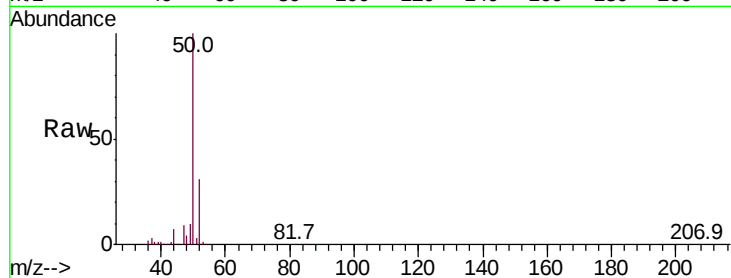
VN1016WBSD01

Tot Ion: 50 Resp: 121278

Ion Ratio Lower Upper

50 100

52 31.1 26.1 39.1



#4

Vinyl Chloride

Concen: 19.603 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN064168.D

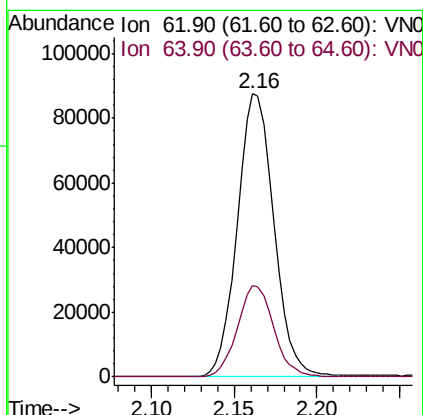
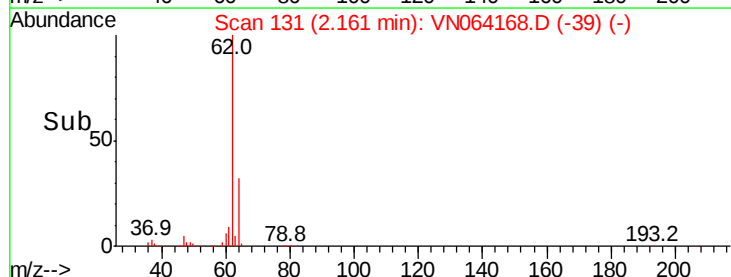
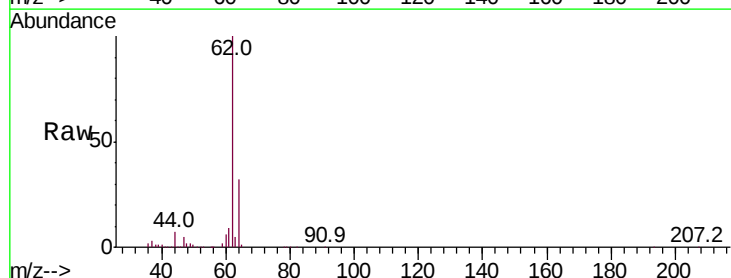
Acq: 16 Oct 2020 16:45

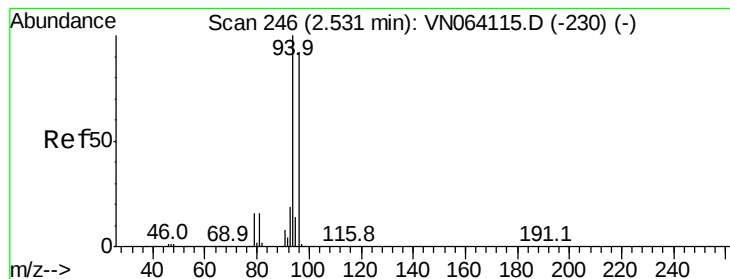
Tgt Ion: 62 Resp: 134454

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.4





#5

Bromomethane

Concen: 18.725 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

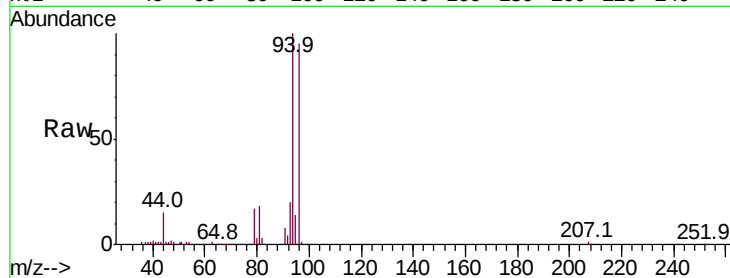
VN1016WBSD01

Tot Ion: 94 Resp: 96383

Ion Ratio Lower Upper

94 100

96 94.4 73.5 110.3

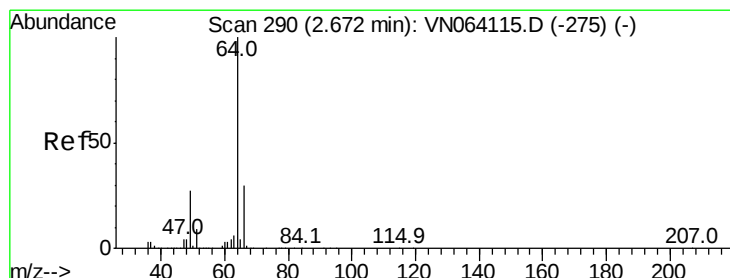
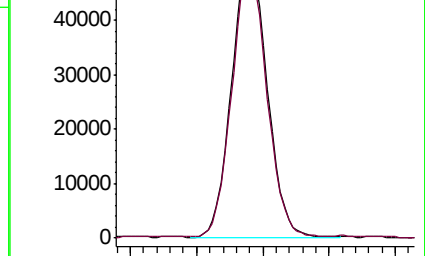
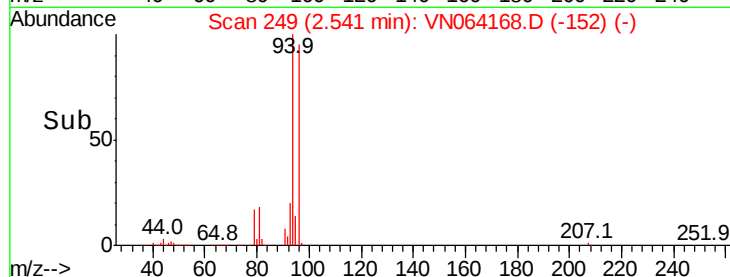


Abundance Ion 93.90 (93.60 to 94.60): VN064168.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN064168.D (-230) (-)

2.54

Time-->



#6

Chloroethane

Concen: 16.531 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064168.D

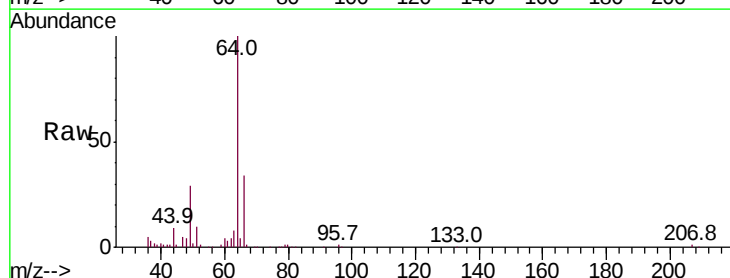
Acq: 16 Oct 2020 16:45

Tgt Ion: 64 Resp: 90143

Ion Ratio Lower Upper

64 100

66 33.8 24.2 36.2

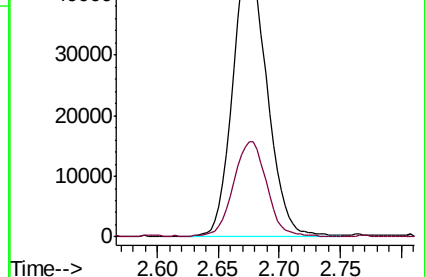
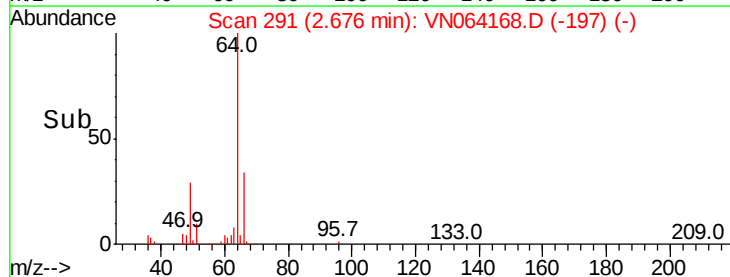


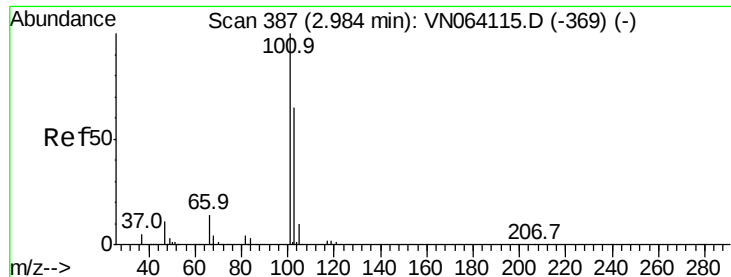
Abundance Ion 63.90 (63.60 to 64.60): VN064168.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN064168.D (-197) (-)

2.68

Time-->



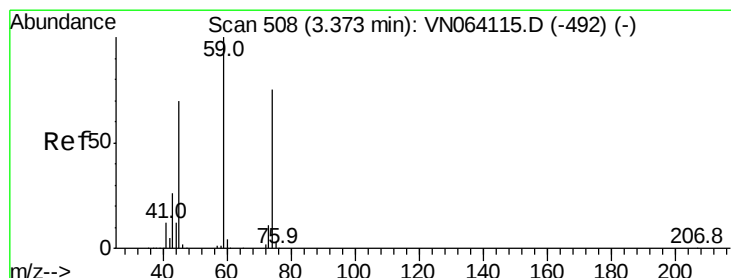
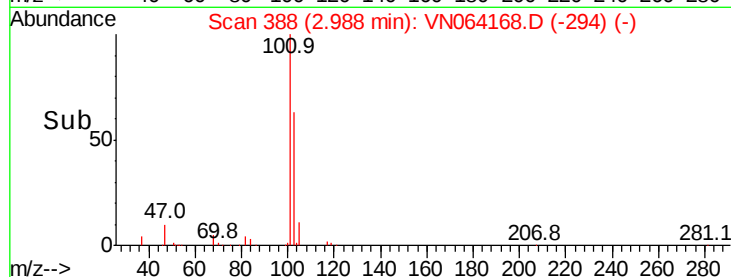
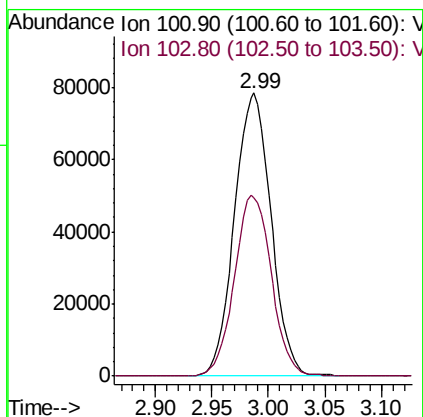
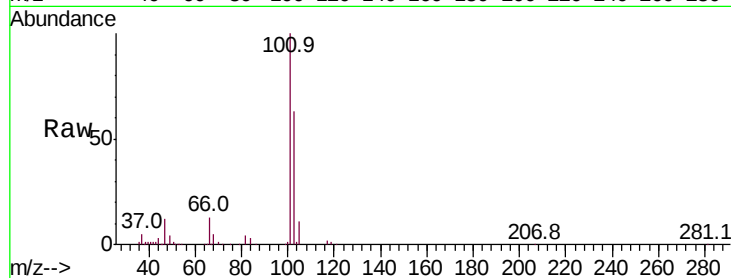


#7

Trichlorofluoromethane
 Concen: 18.781 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064168.D
 Acq: 16 Oct 2020 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBSD01

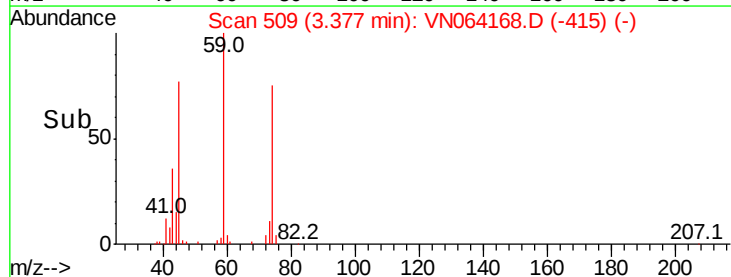
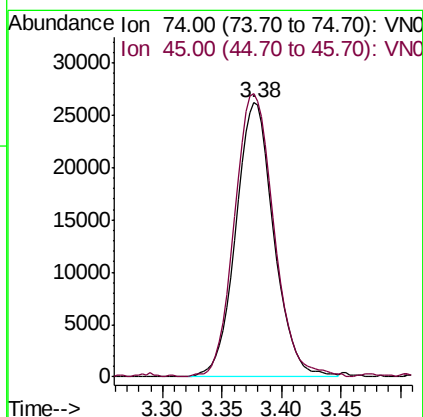
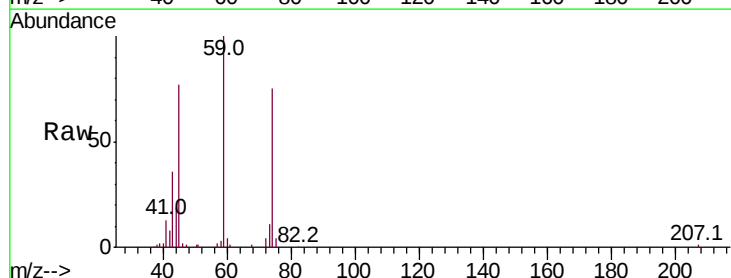
Tot Ion:101 Resp: 177180
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.8 77.6

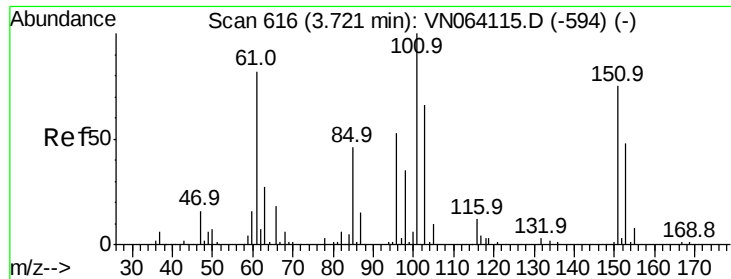


#8

Diethyl Ether
 Concen: 19.644 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064168.D
 Acq: 16 Oct 2020 16:45

Tgt Ion: 74 Resp: 57978
 Ion Ratio Lower Upper
 74 100
 45 107.5 47.0 141.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.925 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBSD01

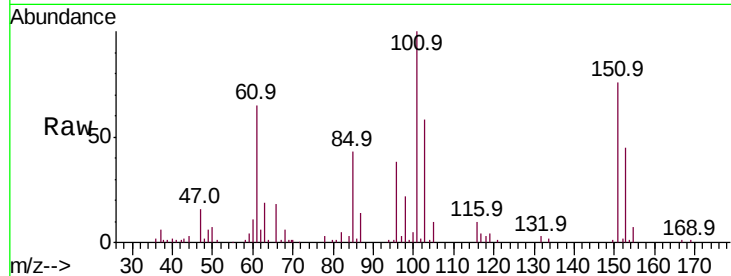
Tot Ion:101 Resp: 96904

Ion Ratio Lower Upper

101 100

85 44.0 36.9 55.3

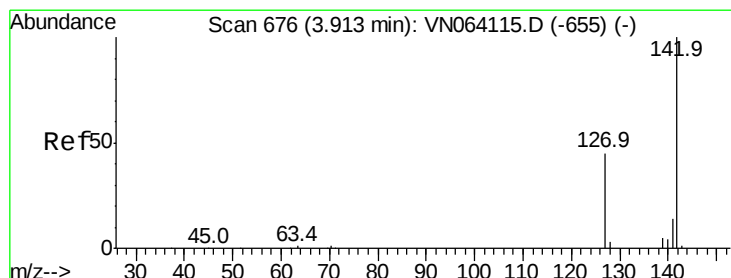
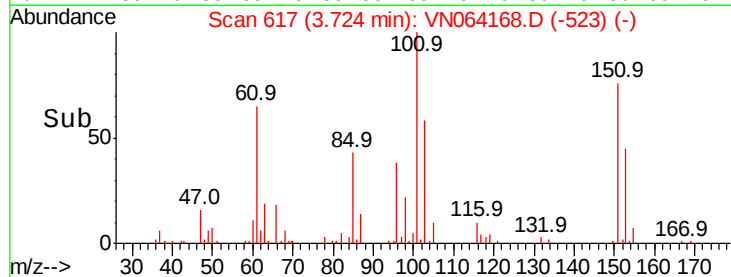
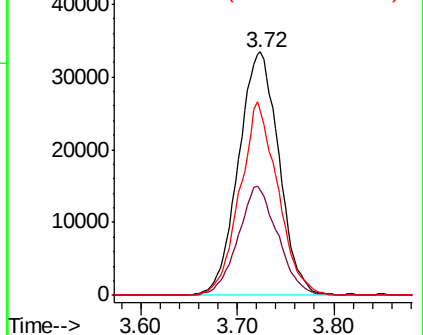
151 74.7 60.7 91.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.546 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

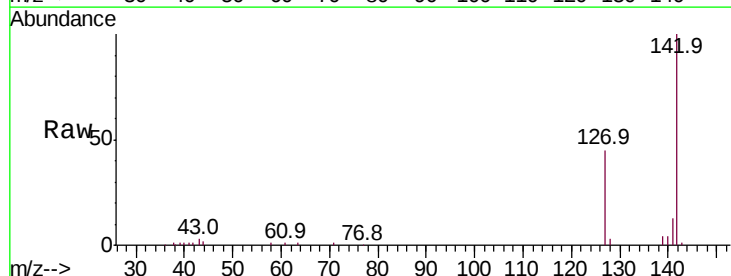
Tgt Ion:142 Resp: 108030

Ion Ratio Lower Upper

142 100

127 45.6 36.3 54.5

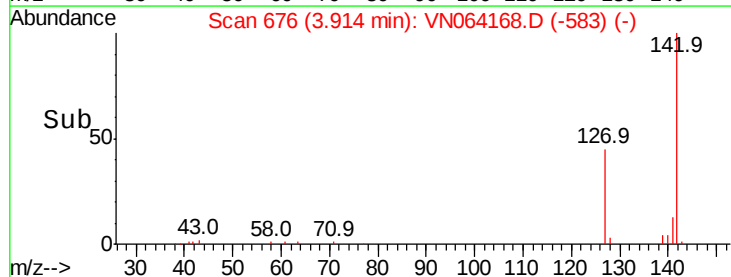
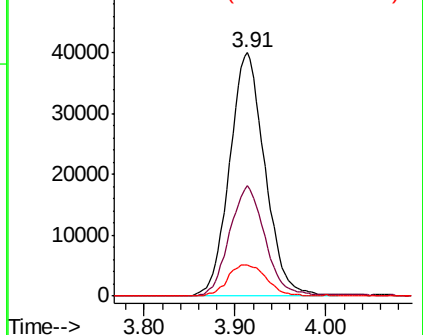
141 14.0 11.6 17.4

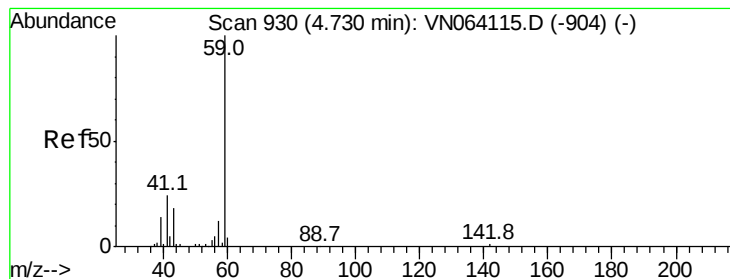


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



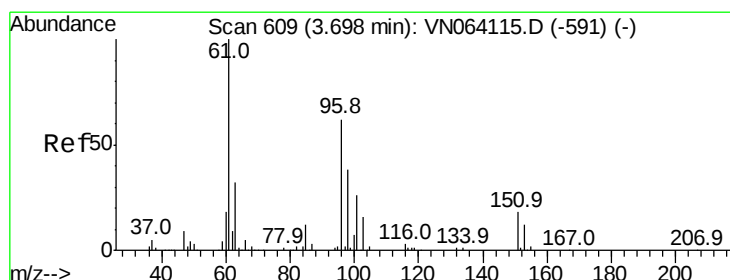
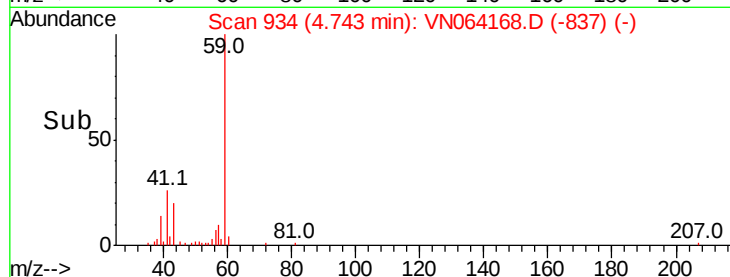
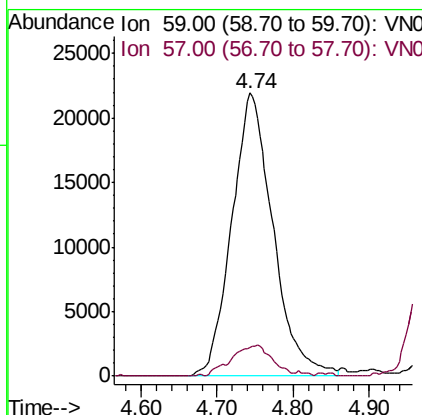
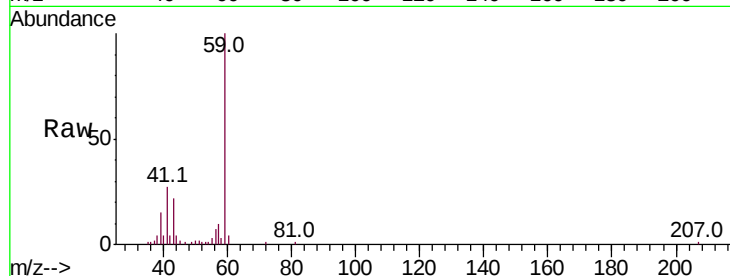


#11

Tert butyl alcohol
 Concen: 111.449 ug/l
 RT: 4.74 min Scan# 934
 Delta R.T. 0.01 min
 Lab File: VN064168.D
 Acq: 16 Oct 2020 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBSD01

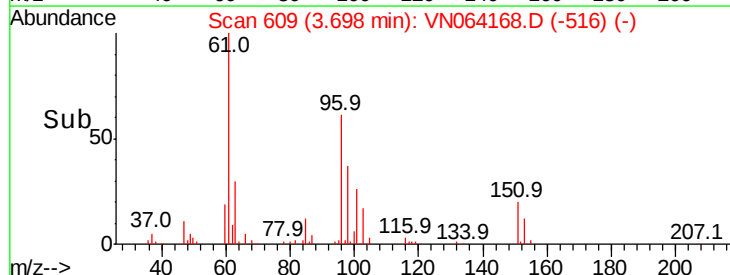
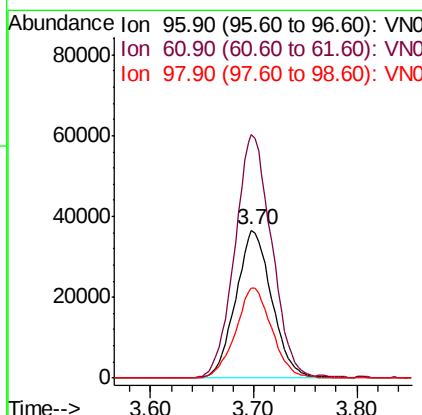
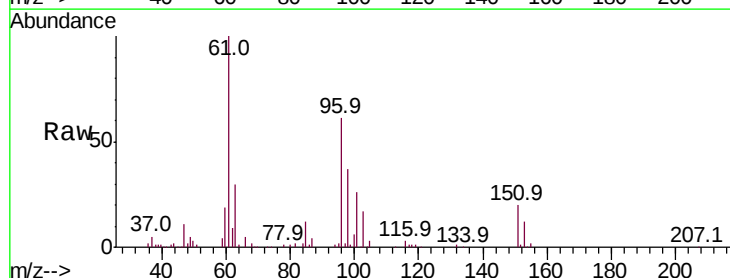
Tot Ion: 59 Resp: 82524
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.9 13.3

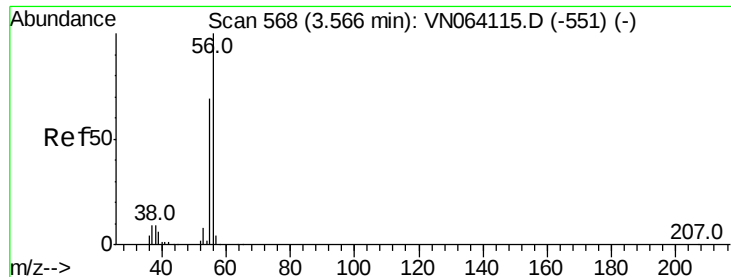


#12

1,1-Dichloroethene
 Concen: 19.002 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN064168.D
 Acq: 16 Oct 2020 16:45

Tgt Ion: 96 Resp: 88868
 Ion Ratio Lower Upper
 96 100
 61 165.0 129.9 194.9
 98 61.1 48.9 73.3





#13

Acrolein

Concen: 17.335 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

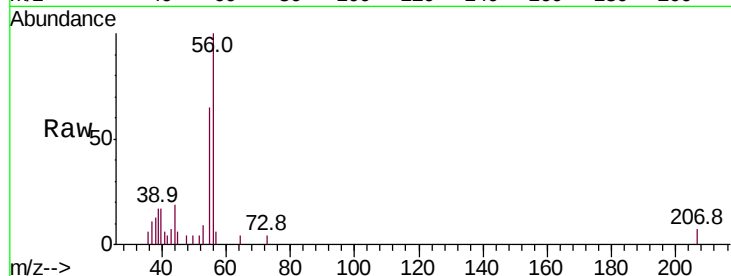
VN1016WBSD01

Tot Ion: 56 Resp: 10543

Ion Ratio Lower Upper

56 100

55 71.0 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.57

4000

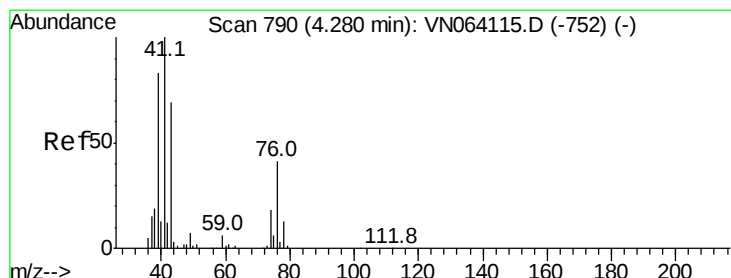
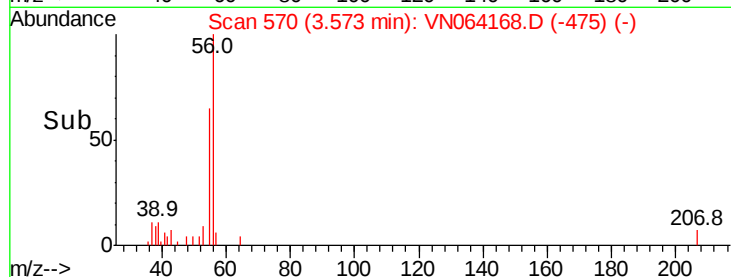
3000

2000

1000

0

Time-->



#14

Allyl chloride

Concen: 21.913 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

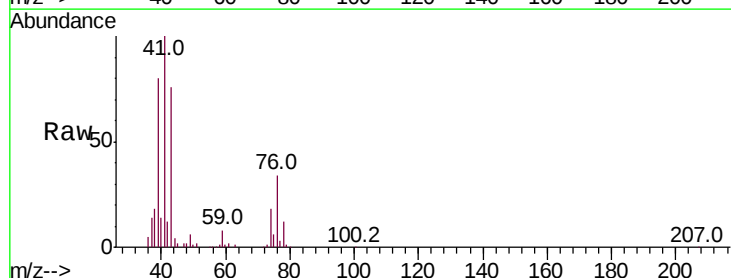
Tgt Ion: 41 Resp: 159904

Ion Ratio Lower Upper

41 100

39 71.7 60.5 90.7

76 31.7 29.5 44.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

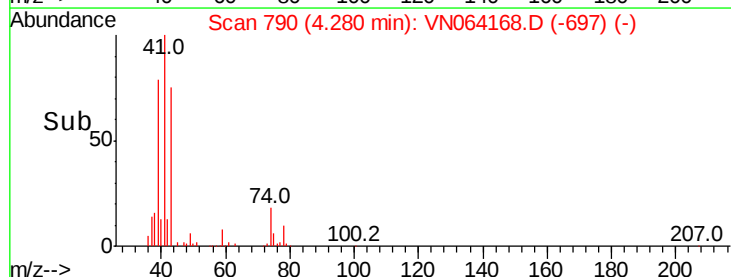
60000

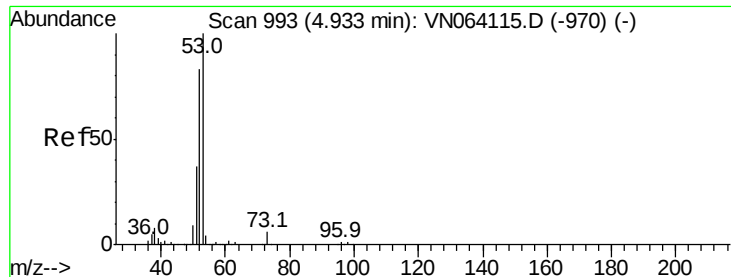
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 108.657 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBSD01

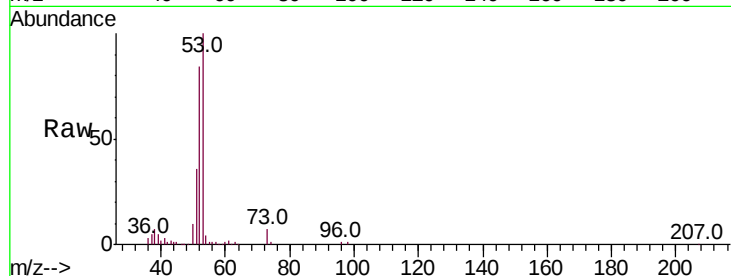
Tot Ion: 53 Resp: 231011

Ion Ratio Lower Upper

53 100

52 82.0 65.8 98.6

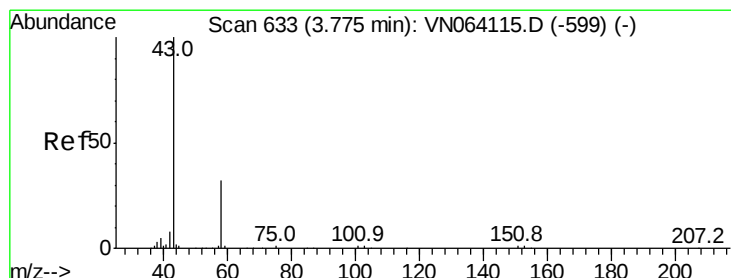
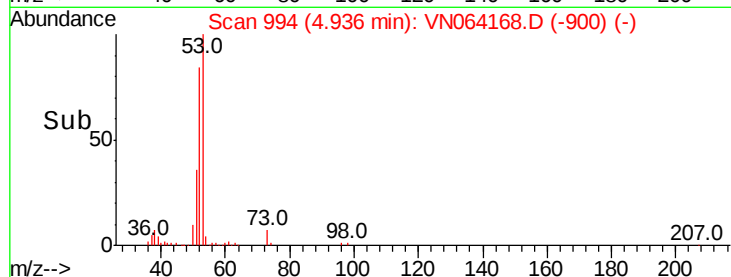
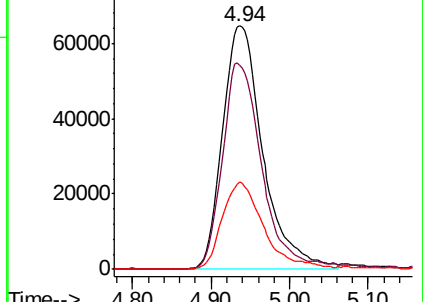
51 36.9 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 132.704 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064168.D

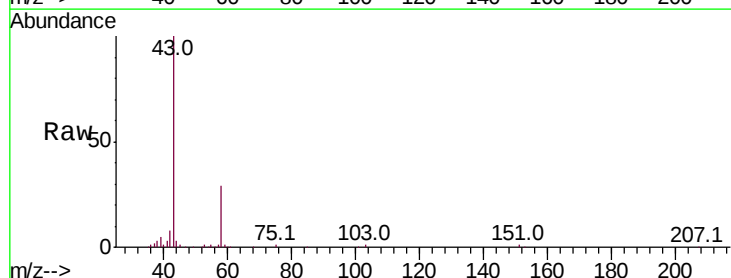
Acq: 16 Oct 2020 16:45

Tgt Ion: 43 Resp: 263235

Ion Ratio Lower Upper

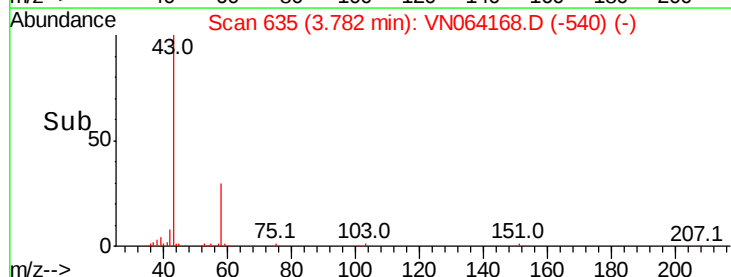
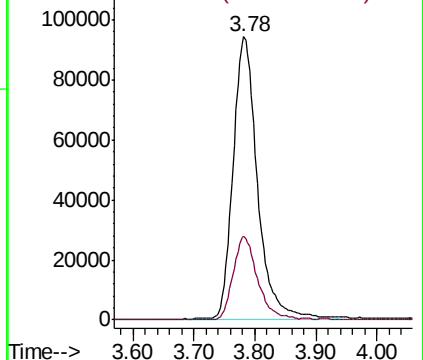
43 100

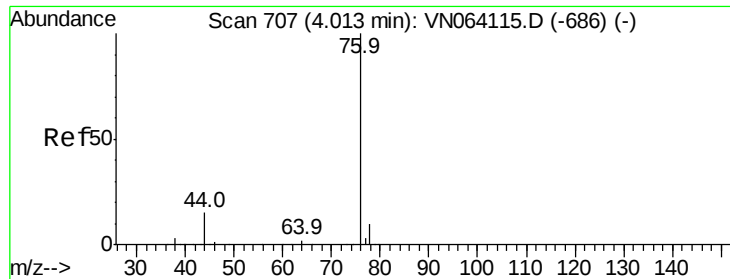
58 29.3 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

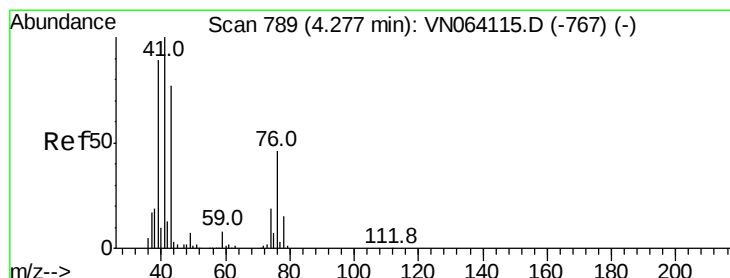
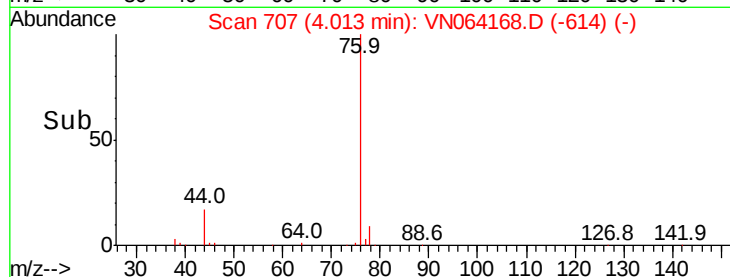
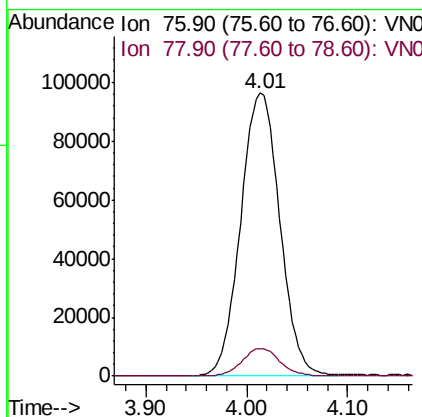
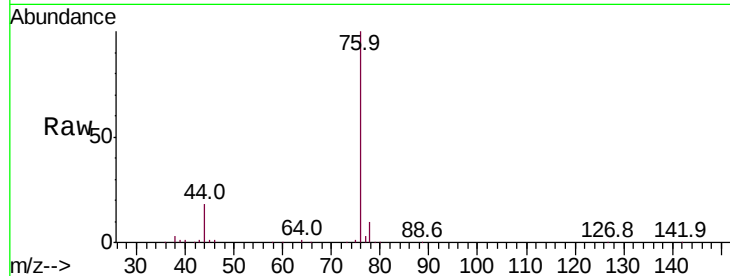




#17
Carbon Disulfide
Concen: 19.445 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

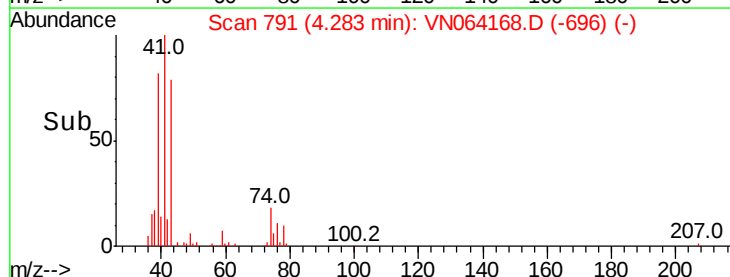
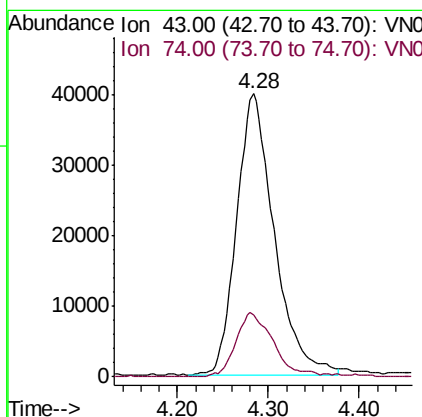
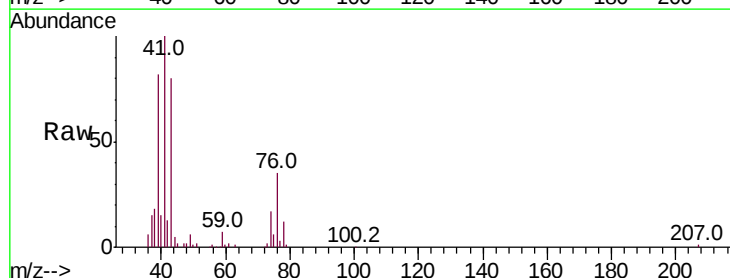
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBSD01

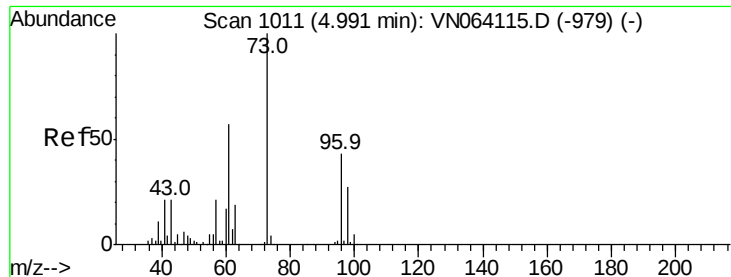
Tot Ion: 76 Resp: 259919
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4



#18
Methyl Acetate
Concen: 23.034 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion: 43 Resp: 114614
Ion Ratio Lower Upper
43 100
74 22.6 19.7 29.5

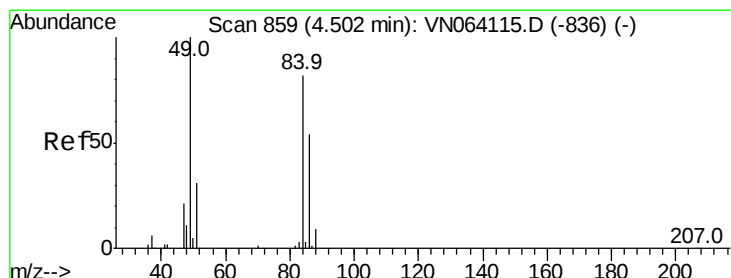
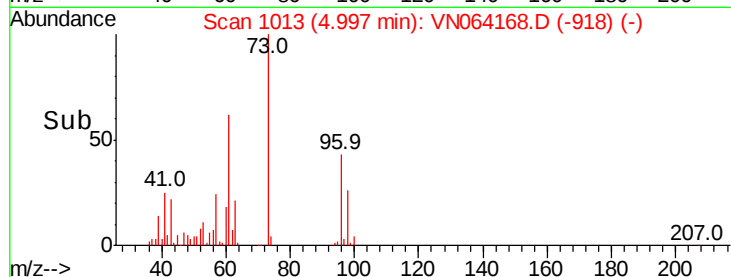
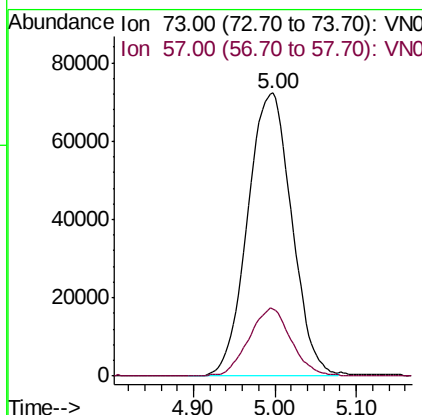
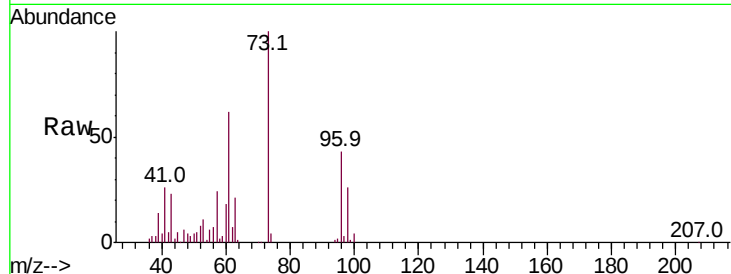




#19
Methvl tert-butvl Ether
Concen: 19.740 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

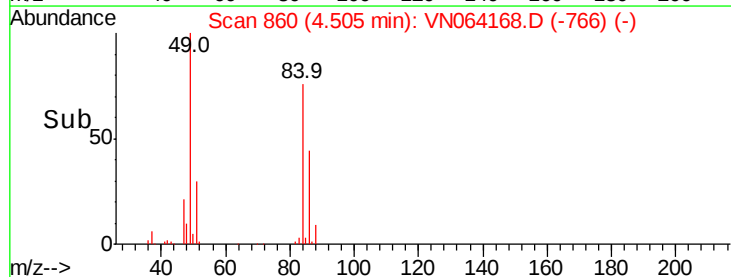
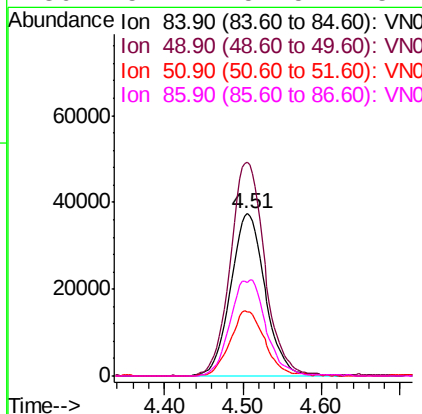
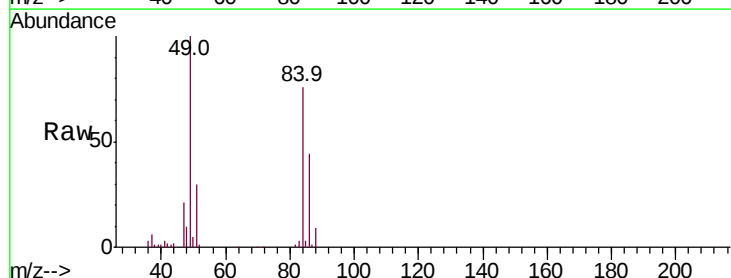
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBSD01

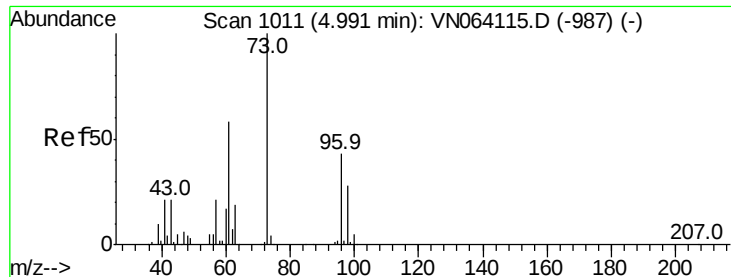
Tot Ion: 73 Resp: 272308
Ion Ratio Lower Upper
73 100
57 23.9 17.0 25.4



#20
Methylene Chloride
Concen: 18.643 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion: 84 Resp: 114426
Ion Ratio Lower Upper
84 100
49 131.4 97.4 146.0
51 39.7 29.7 44.5
86 57.4 52.5 78.7

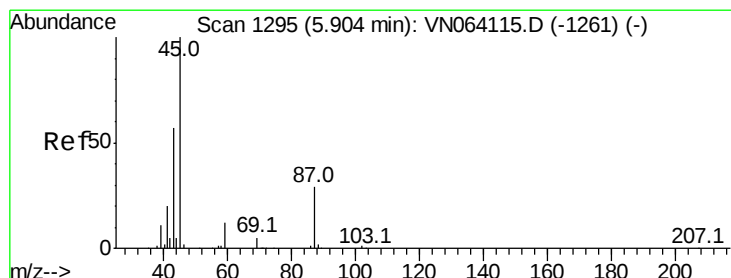
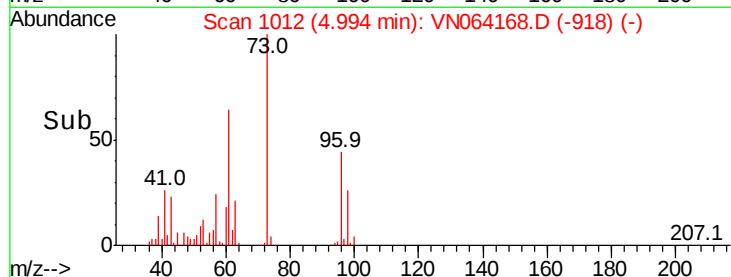
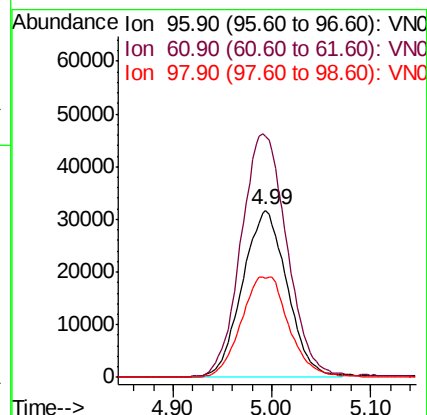
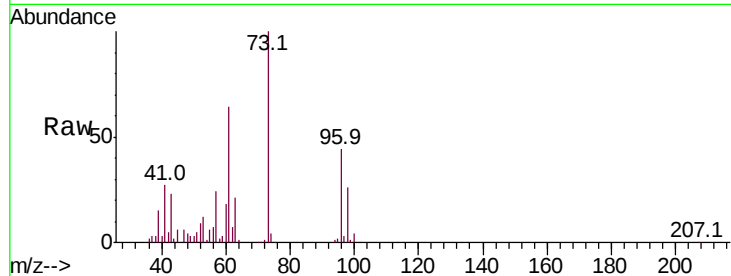




#21
trans-1,2-Dichloroethene
Concen: 18.831 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

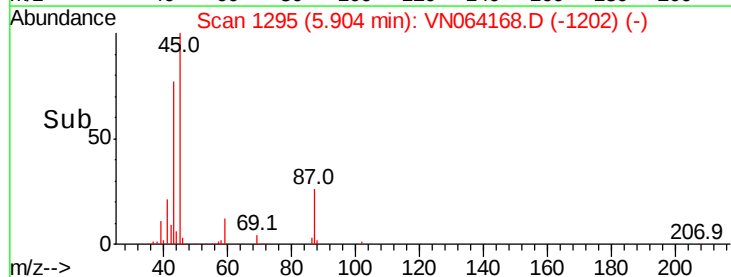
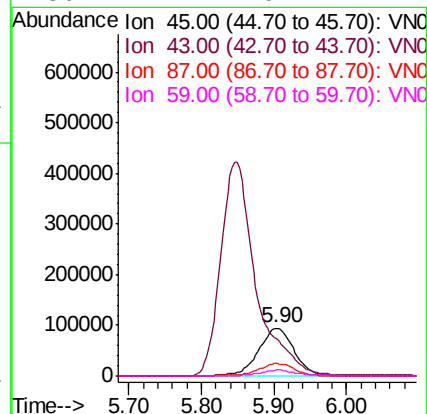
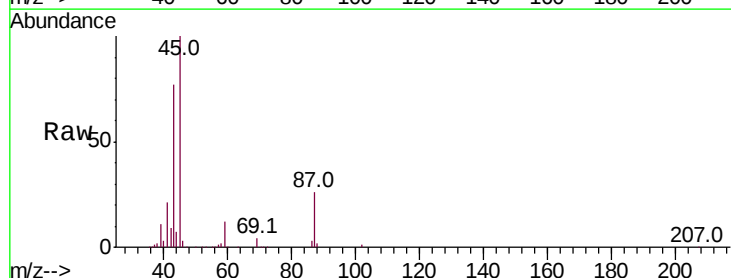
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBSD01

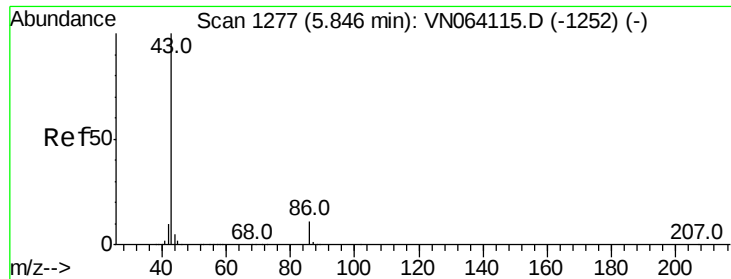
Tot Ion: 96 Resp: 99846
Ion Ratio Lower Upper
96 100
61 143.7 107.0 160.4
98 59.0 51.0 76.6



#22
Diisopropyl ether
Concen: 22.732 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion: 45 Resp: 322241
Ion Ratio Lower Upper
45 100
43 75.2 50.9 76.3
87 25.5 23.5 35.3
59 12.1 9.4 14.2





#23

Vinyl Acetate

Concen: 112.775 ug/l

RT: 5.85 min Scan# 1278

Delta R.T. 0.00 min

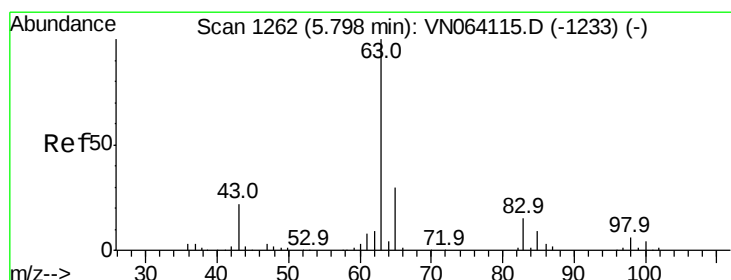
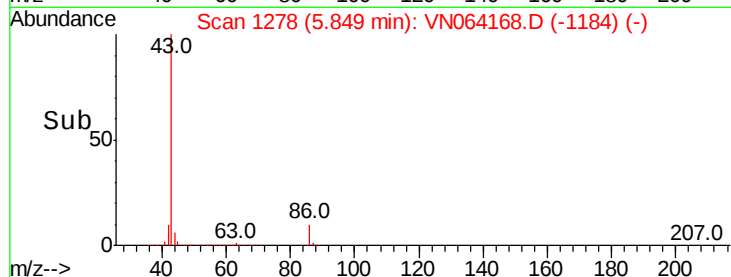
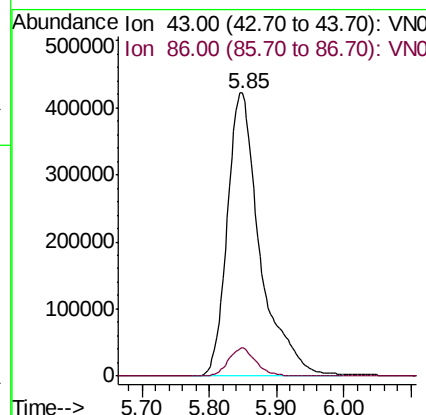
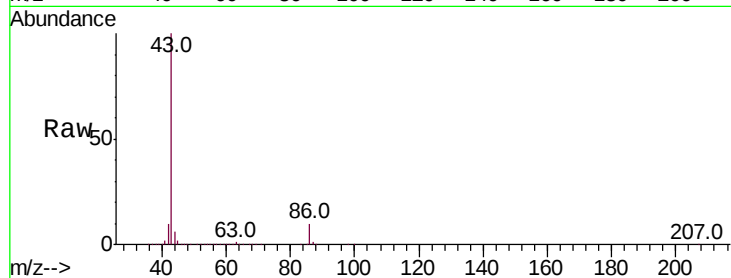
Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBSD01

Tot Ion: 43 Resp: 1427995

Ion	Ratio	Lower	Upper
43	100		
86	10.1	8.8	13.2



#24

1,1-Dichloroethane

Concen: 21.042 ug/l

RT: 5.80 min Scan# 1262

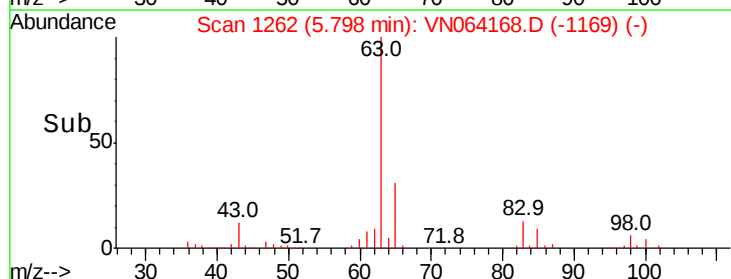
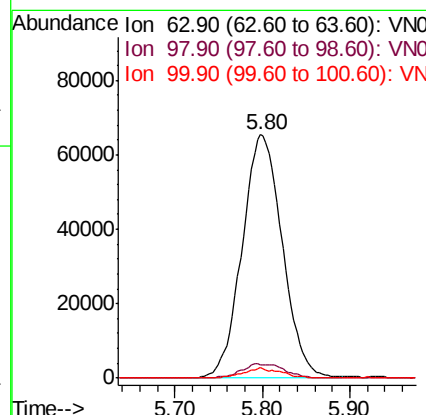
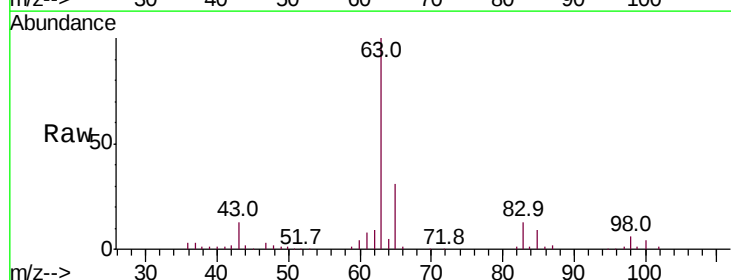
Delta R.T. 0.00 min

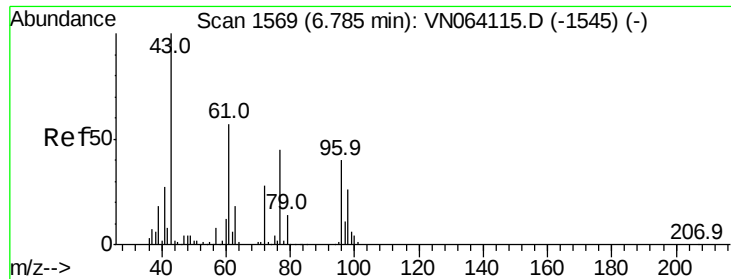
Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Tgt Ion: 63 Resp: 208297

Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.1	9.3
100	4.3	2.1	6.2

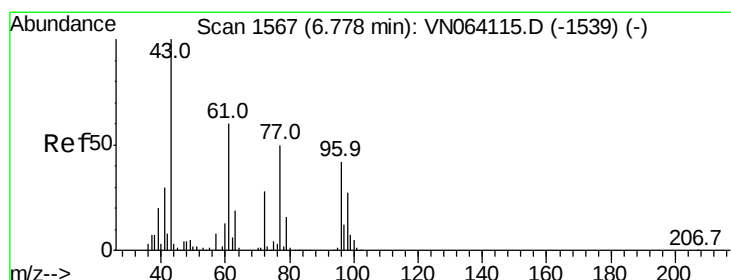
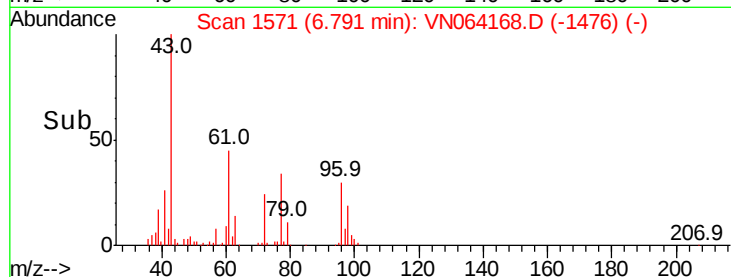
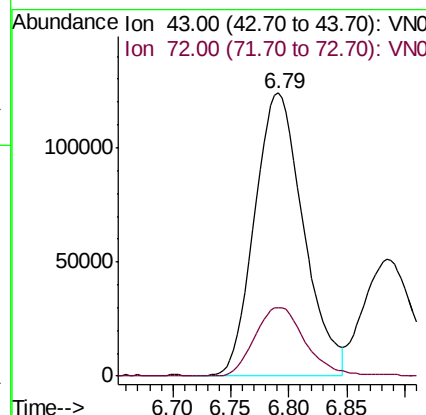
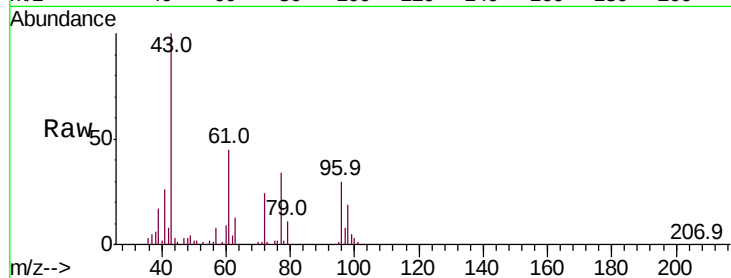




#25
2-Butanone
Concen: 118.594 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

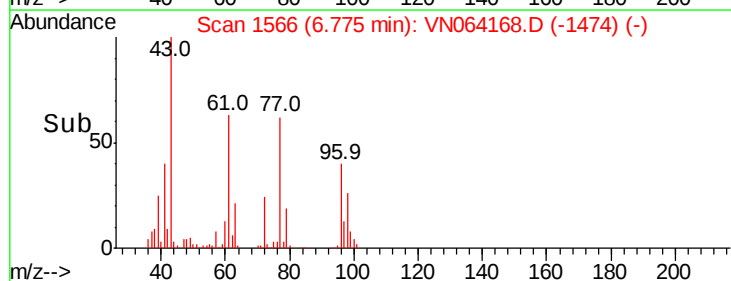
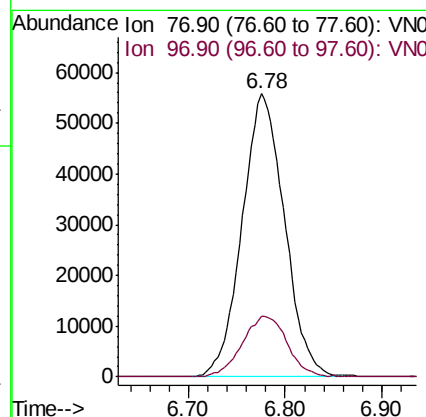
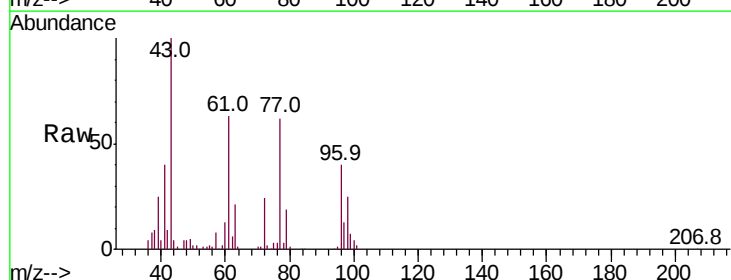
Instrument :
MSVOA_N
ClientSampled :
VN1016WBSD01

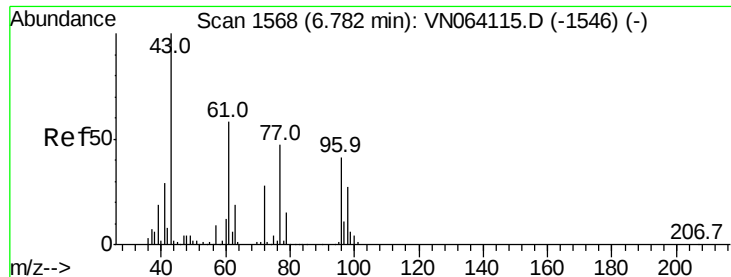
Tot Ion: 43 Resp: 361835
Ion Ratio Lower Upper
43 100
72 24.4 22.2 33.2



#26
2,2-Dichloropropane
Concen: 20.594 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion: 77 Resp: 169613
Ion Ratio Lower Upper
77 100
97 22.8 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.672 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBSD01

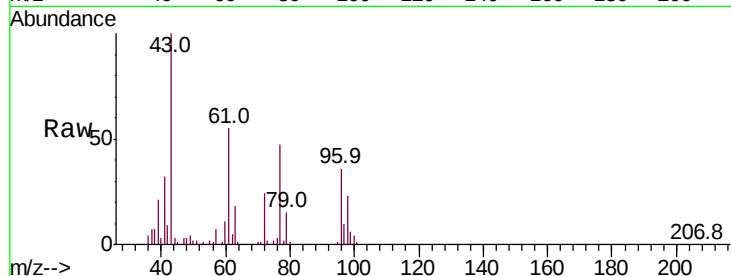
Tot Ion: 96 Resp: 116468

Ion Ratio Lower Upper

96 100

61 155.4 0.0 285.6

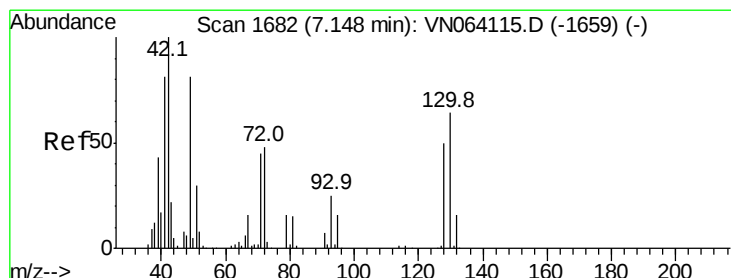
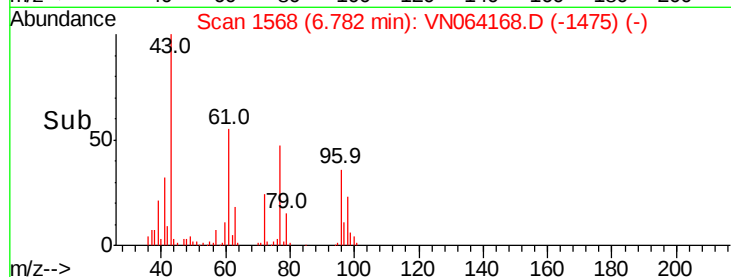
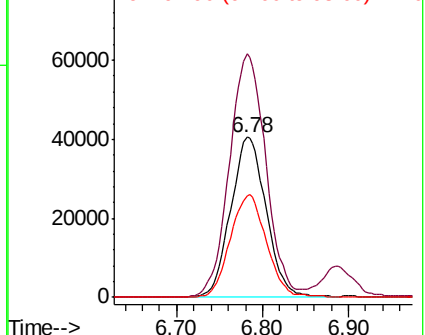
98 65.3 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VN064115.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064115.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064115.D (-1546) (-)



#28

Bromochloromethane

Concen: 23.916 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

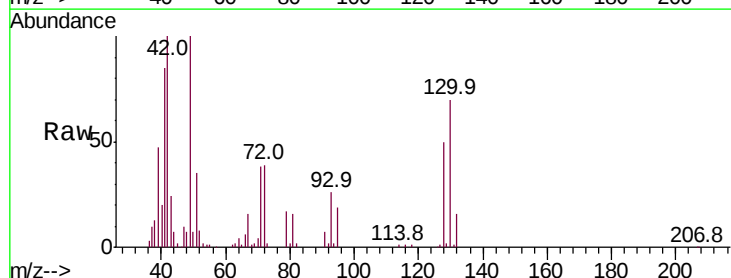
Tgt Ion: 49 Resp: 112767

Ion Ratio Lower Upper

49 100

129 1.3 0.0 2.0

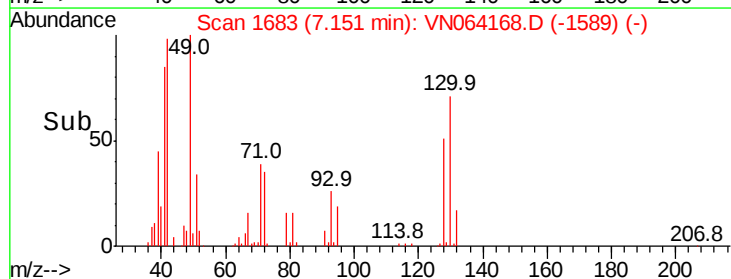
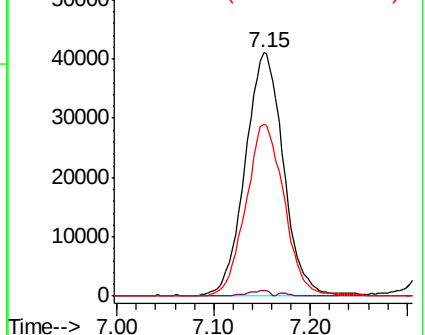
130 70.6 0.0 0.0#

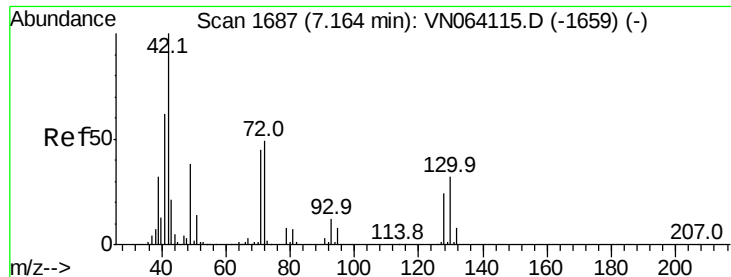


Abundance Ion 48.90 (48.60 to 49.60): VN064115.D (-1659) (-)

Ion 128.80 (128.50 to 129.50): VN064115.D (-1659) (-)

Ion 129.80 (129.50 to 130.50): VN064115.D (-1659) (-)

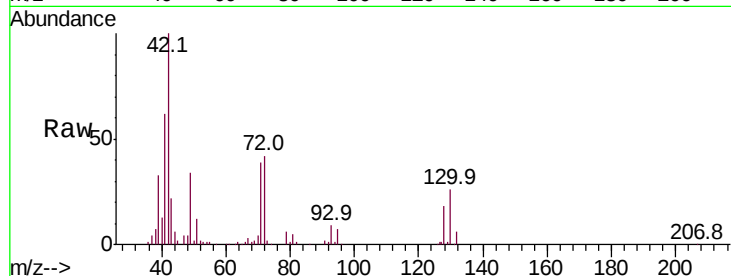




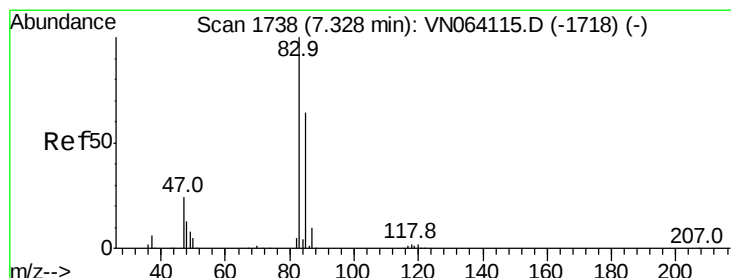
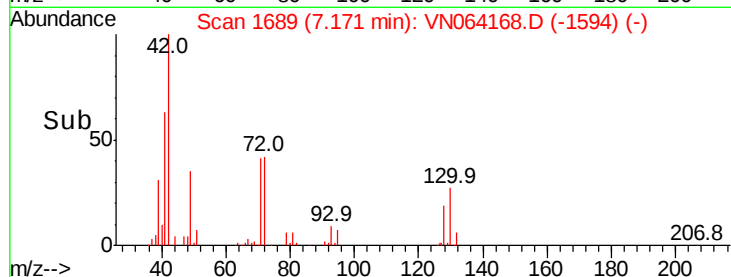
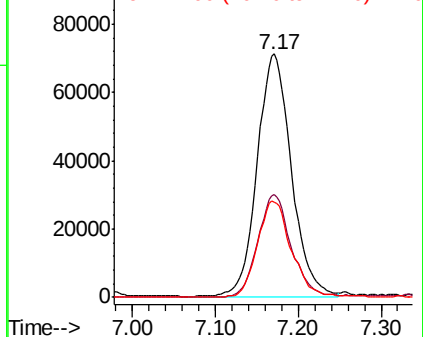
#29
Tetrahydrofuran
Concen: 114.516 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	37.8	56.6
71	39.4	35.3	52.9

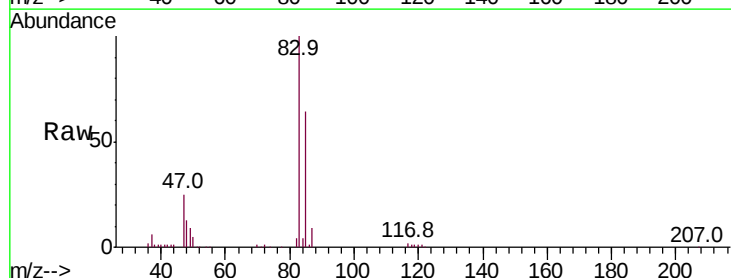


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

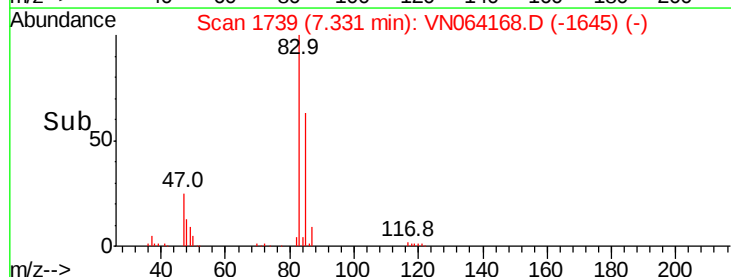
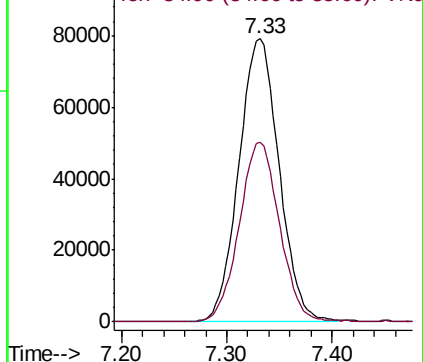


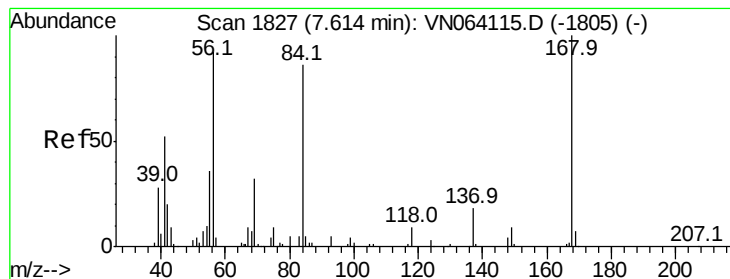
#30
Chloroform
Concen: 19.970 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.5	77.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 20.078 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBSD01

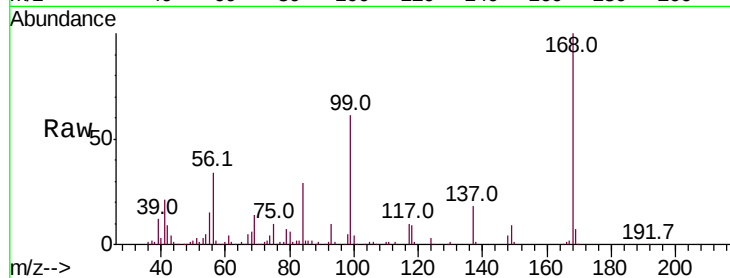
Tot Ion: 56 Resp: 148433

Ion Ratio Lower Upper

56 100

69 41.1 27.8 41.6

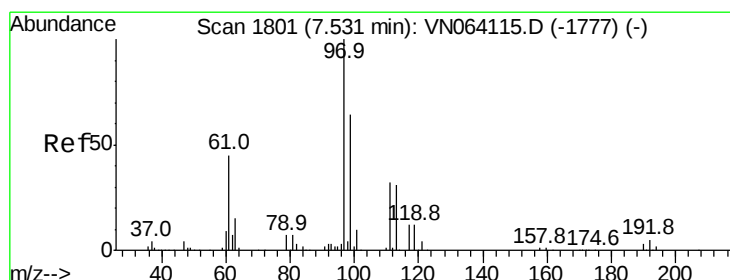
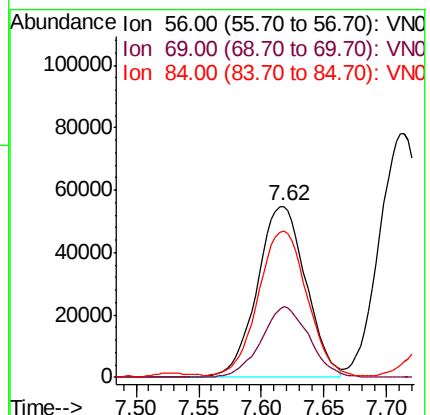
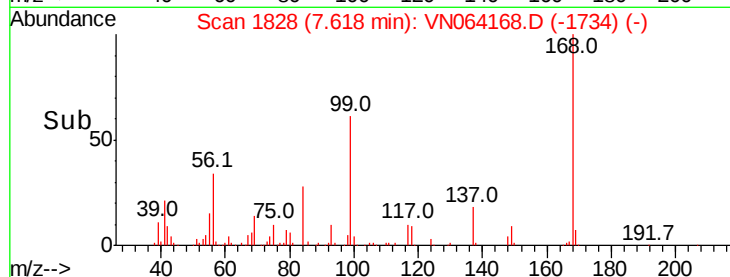
84 83.6 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VN064168.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN064168.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN064168.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 19.613 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

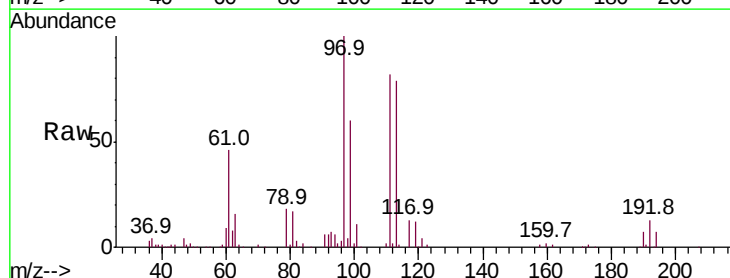
Tgt Ion: 97 Resp: 178730

Ion Ratio Lower Upper

97 100

99 62.5 50.2 75.2

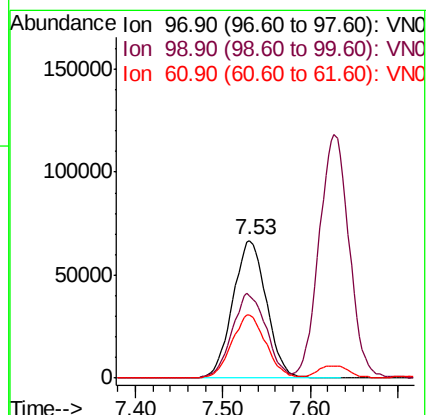
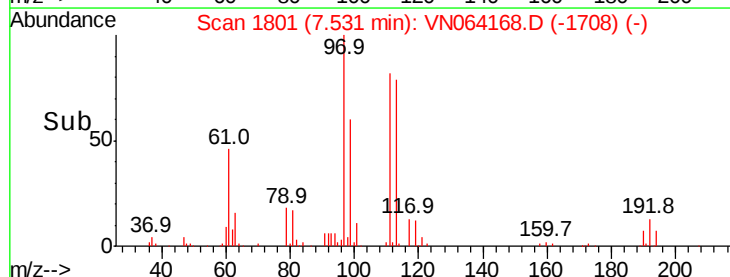
61 46.5 35.6 53.4

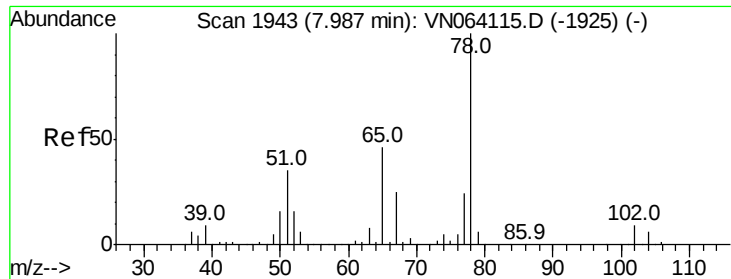


Abundance Ion 96.90 (96.60 to 97.60): VN064168.D (-1708) (-)

Ion 98.90 (98.60 to 99.60): VN064168.D (-1708) (-)

Ion 60.90 (60.60 to 61.60): VN064168.D (-1708) (-)





#33

1,2-Dichloroethane-d4

Concen: 54.475 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

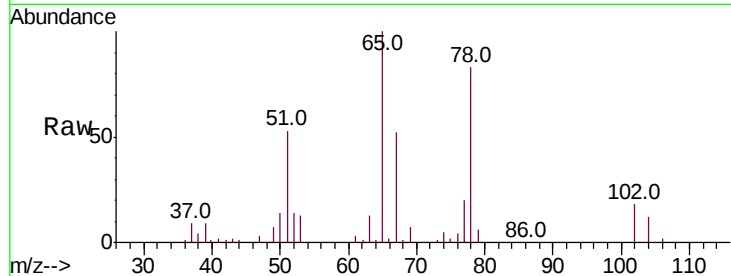
VN1016WBSD01

Tot Ion: 65 Resp: 364303

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN064115.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN064115.D (-1925) (-)

7.99

150000

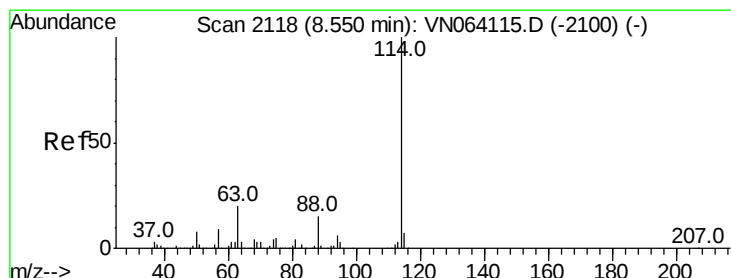
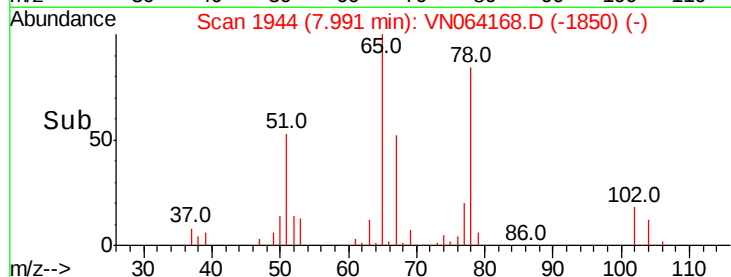
100000

50000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

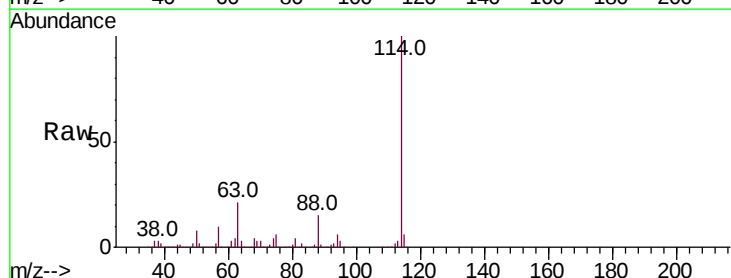
Tgt Ion: 114 Resp: 785359

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.0

88 15.3 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): VN064115.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064115.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064115.D (-2100) (-)

8.55

500000

400000

300000

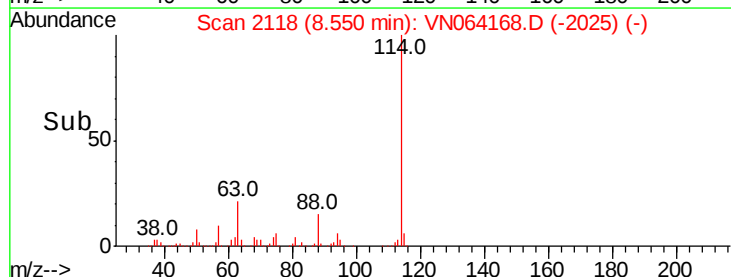
200000

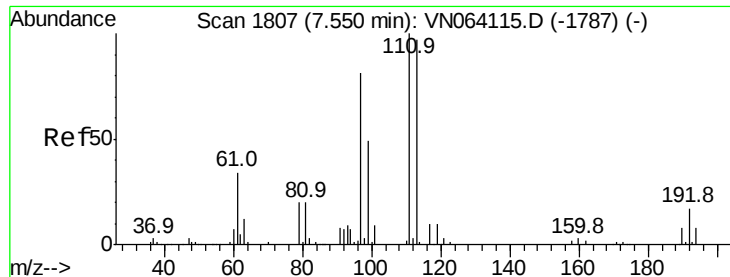
100000

0

8.50 8.55 8.60 8.65 8.70

Time-->





#35

Dibromofluoromethane

Concen: 50.492 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBSD01

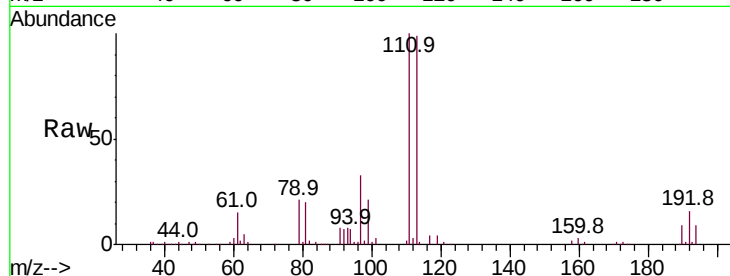
Tot Ion:113 Resp: 274467

Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

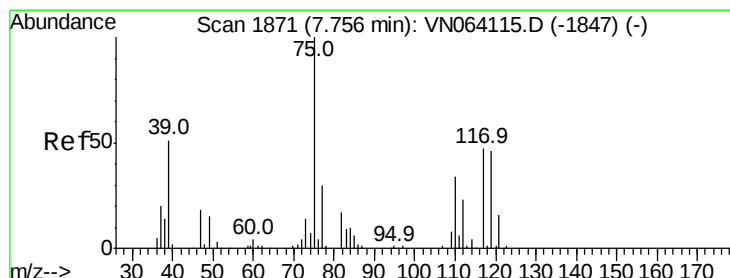
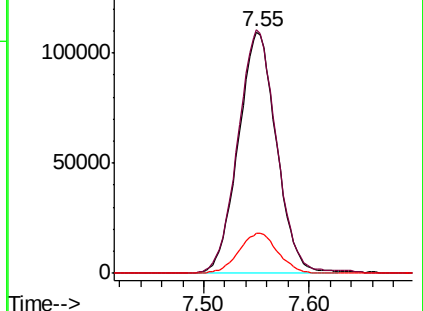
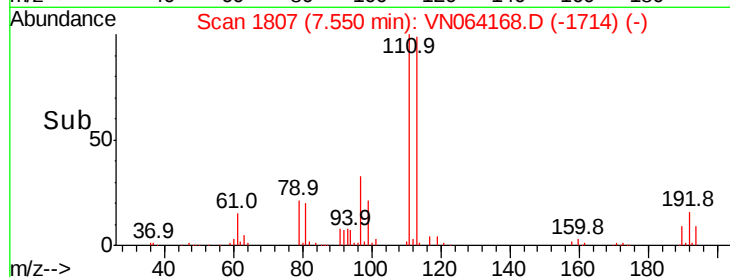
192 17.1 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.045 ug/l

RT: 7.76 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

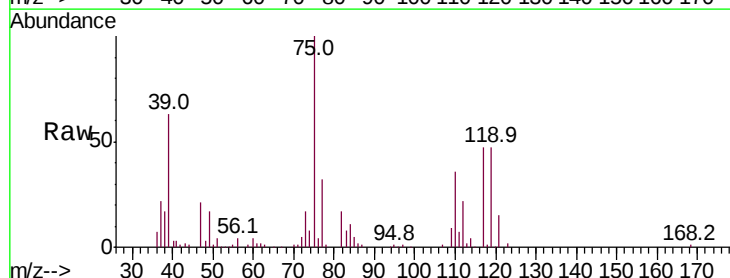
Tgt Ion: 75 Resp: 144168

Ion Ratio Lower Upper

75 100

110 35.6 17.8 53.3

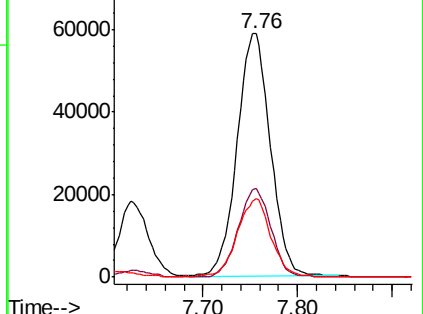
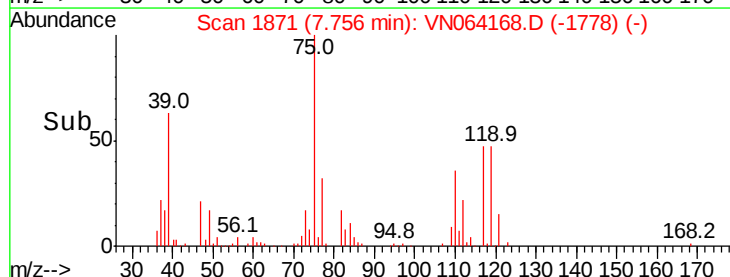
77 32.8 24.9 37.3

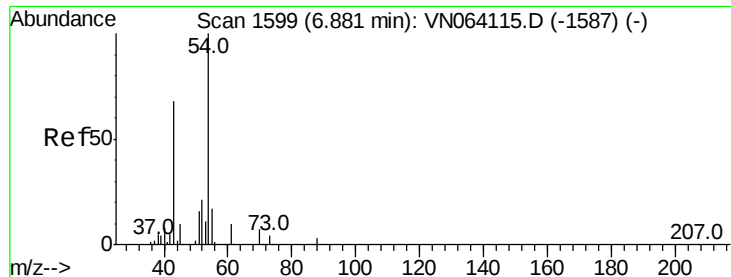


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

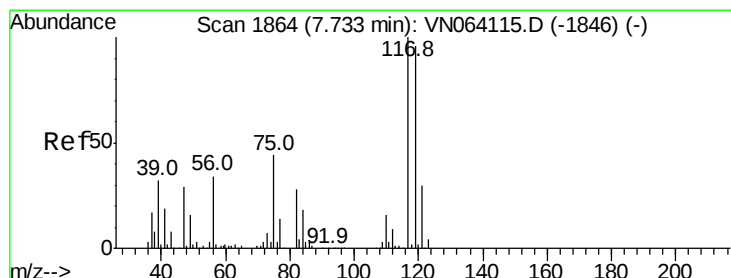
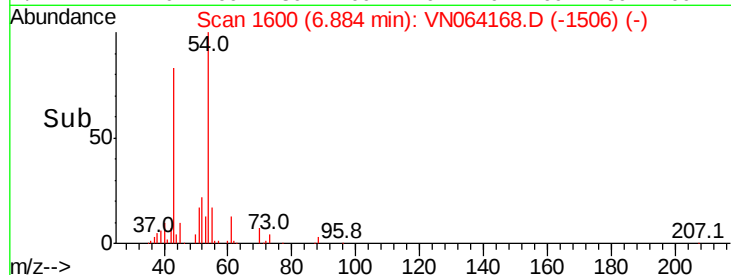
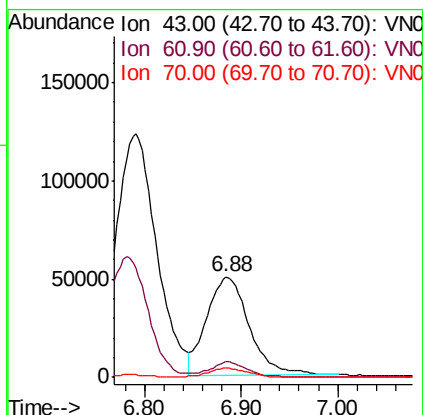
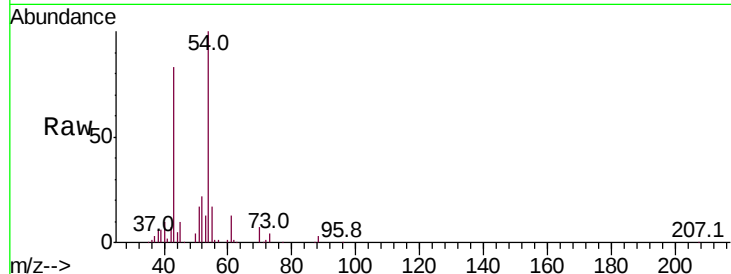




#37
Ethyl Acetate
Concen: 22.988 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

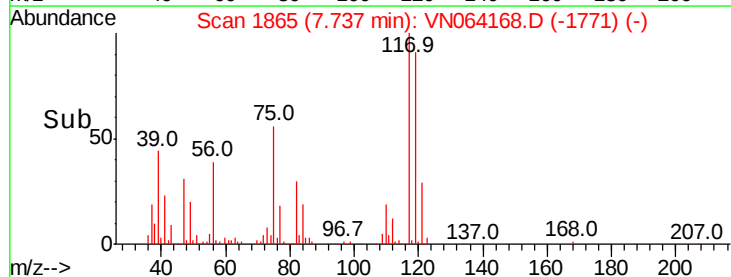
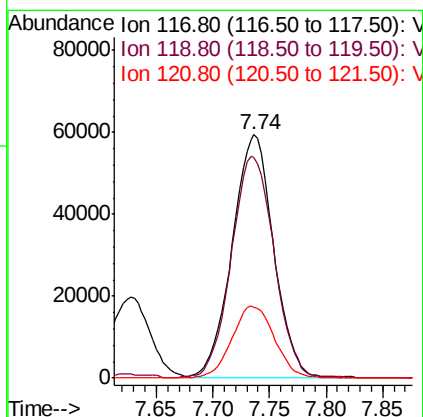
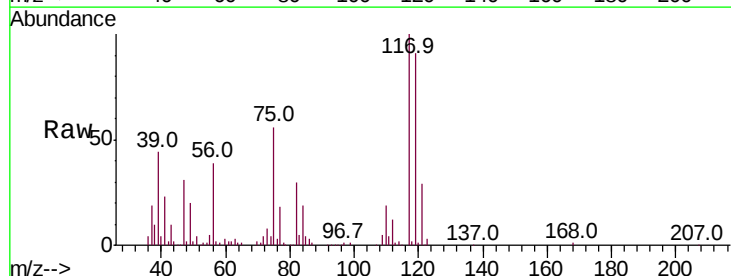
Instrument :
MSVOA_N
ClientSampled :
VN1016WBSD01

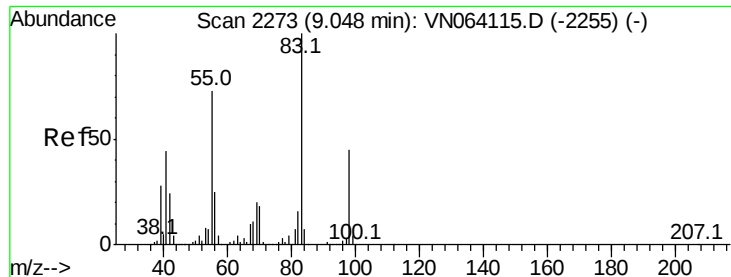
Tot Ion: 43 Resp: 154434
Ion Ratio Lower Upper
43 100
61 12.6 11.3 16.9
70 8.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 18.411 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion: 117 Resp: 149865
Ion Ratio Lower Upper
117 100
119 90.4 77.0 115.4
121 29.5 24.2 36.4

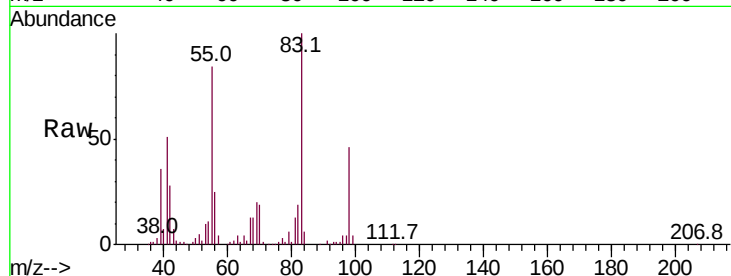




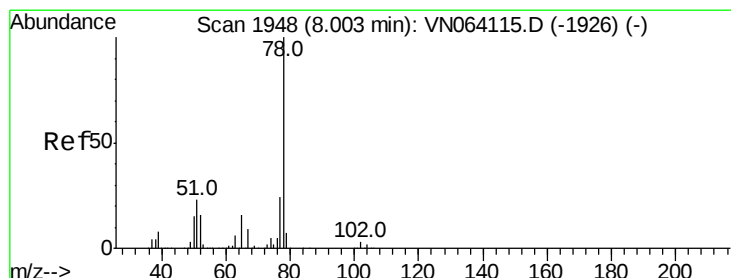
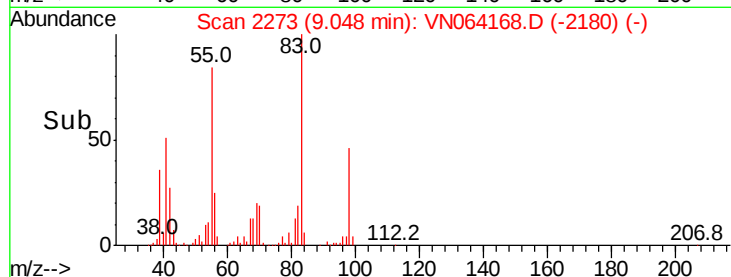
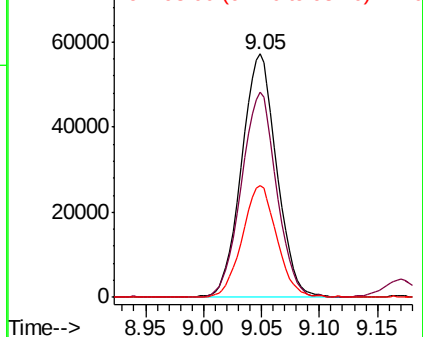
#39
Methvlcvclohexane
Concen: 18.932 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBSD01

Tot Ion: 83 Resp: 120485
Ion Ratio Lower Upper
83 100
55 84.1 58.5 87.7
98 46.1 36.2 54.2

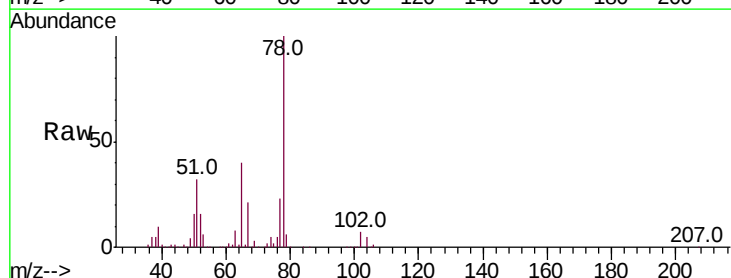


Abundance Ion 83.00 (82.70 to 83.70): VNC
Ion 55.00 (54.70 to 55.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

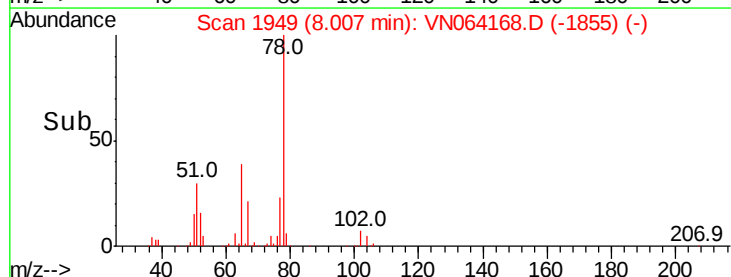
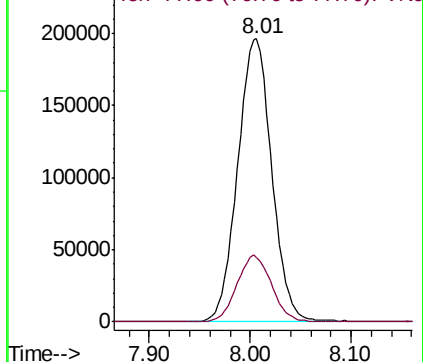


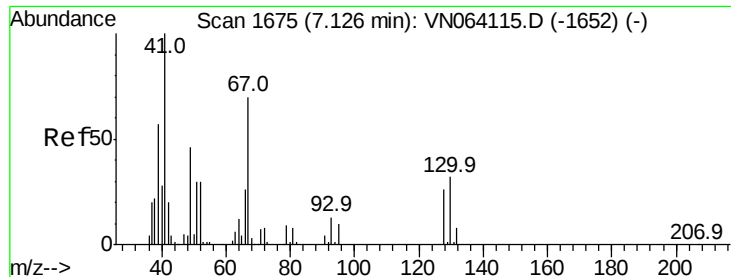
#40
Benzene
Concen: 20.019 ug/l
RT: 8.01 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion: 78 Resp: 458913
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VNC
Ion 77.00 (76.70 to 77.70): VNC

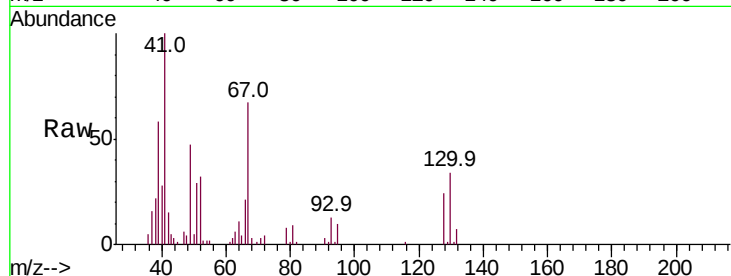




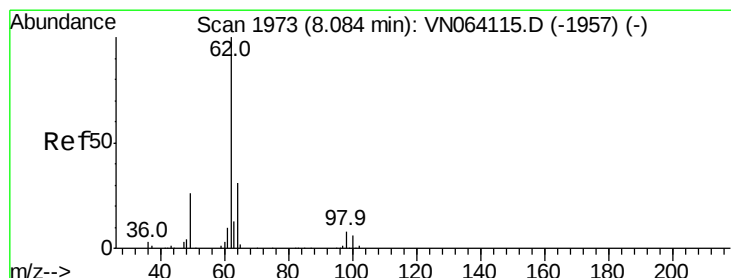
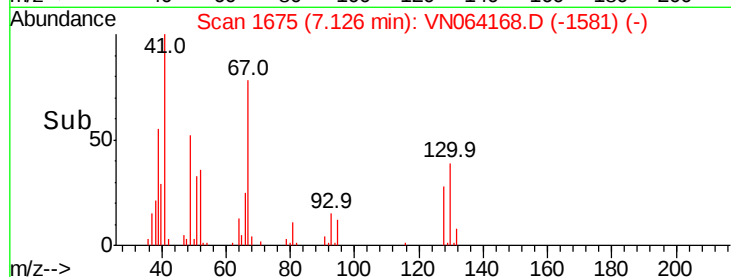
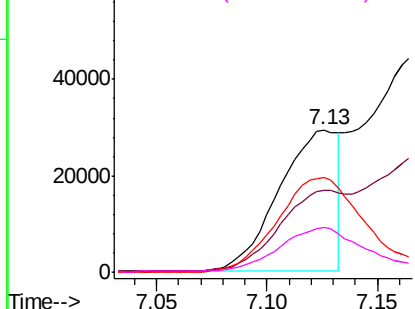
#41
Methacrylonitrile
Concen: 18.615 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampled :
VN1016WBSD01

Tot Ion: 41 Resp: 54143
Ion Ratio Lower Upper
41 100
39 63.5 50.7 76.1
67 101.8 73.8 110.6
52 46.6 32.2 48.4

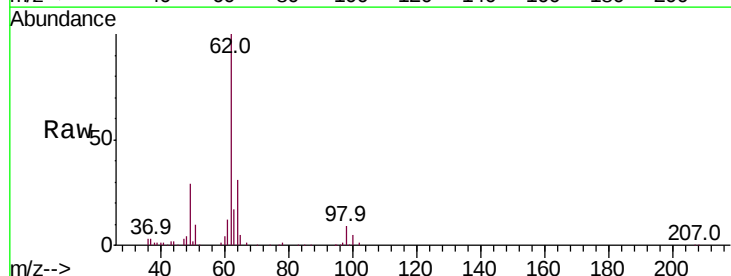


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

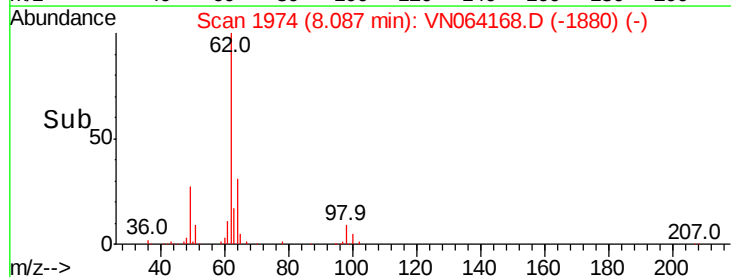
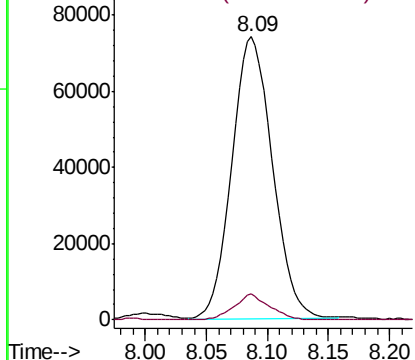


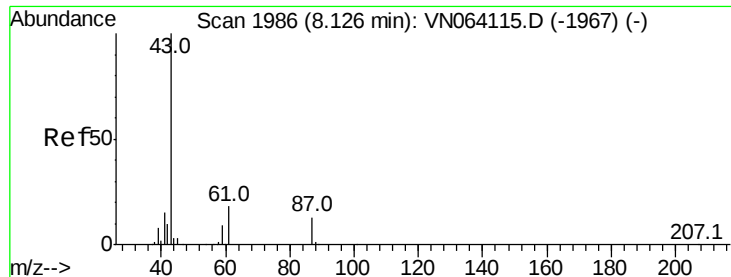
#42
1,2-Dichloroethane
Concen: 20.957 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion: 62 Resp: 170938
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 21.826 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBSD01

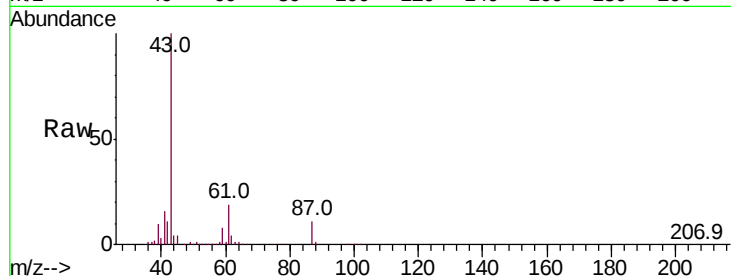
Tot Ion: 43 Resp: 243312

Ion Ratio Lower Upper

43 100

61 18.0 21.9 32.9#

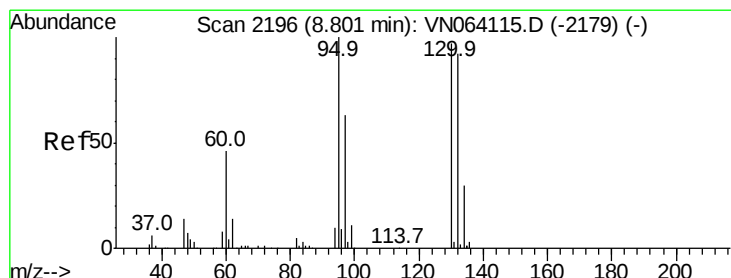
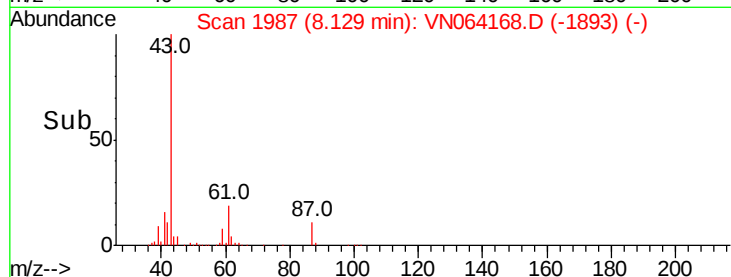
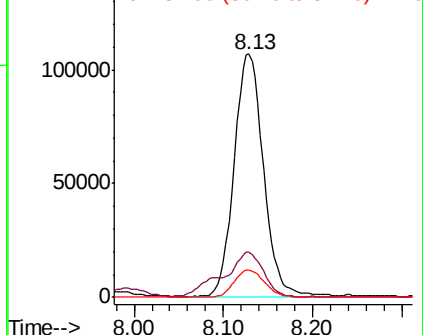
87 11.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 18.677 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064168.D

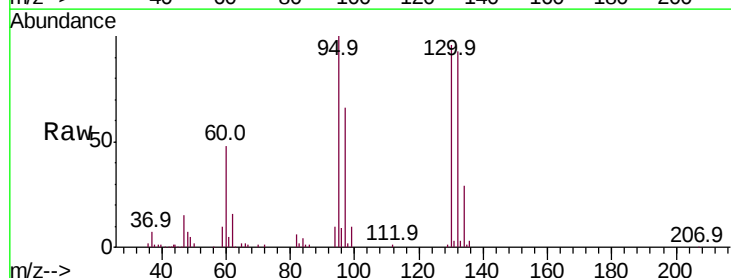
Acq: 16 Oct 2020 16:45

Tgt Ion:130 Resp: 112584

Ion Ratio Lower Upper

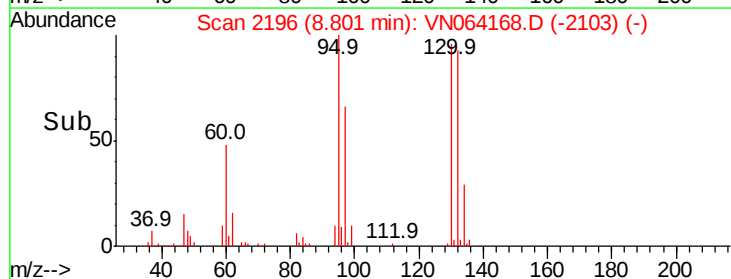
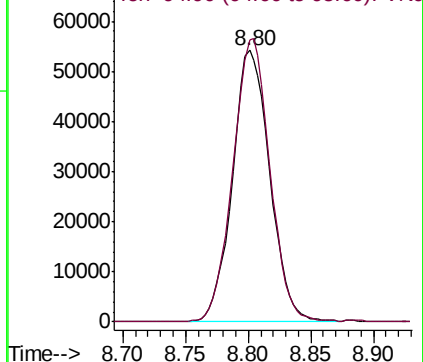
130 100

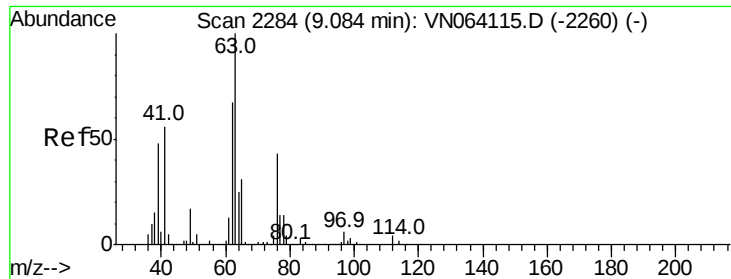
95 103.8 0.0 206.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 20.874 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

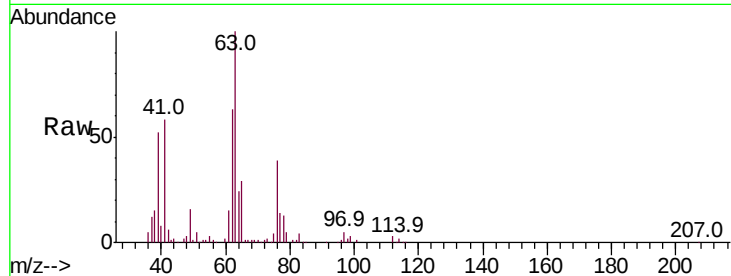
VN1016WBSD01

Tot Ion: 63 Resp: 125368

Ion Ratio Lower Upper

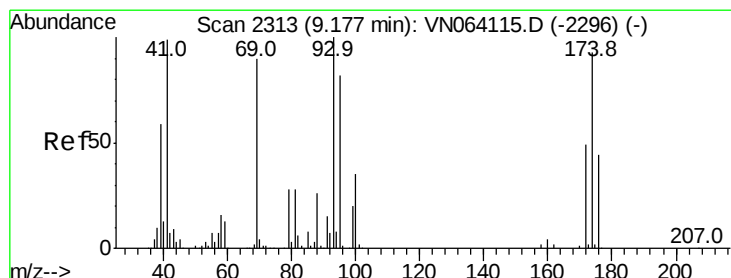
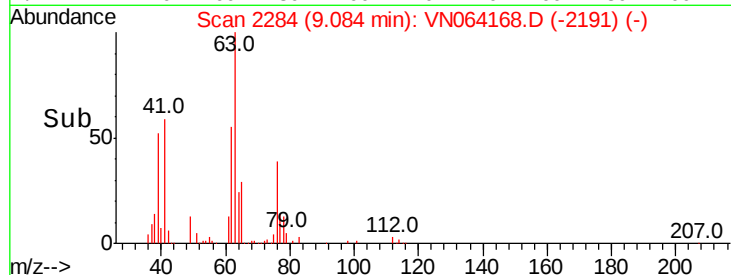
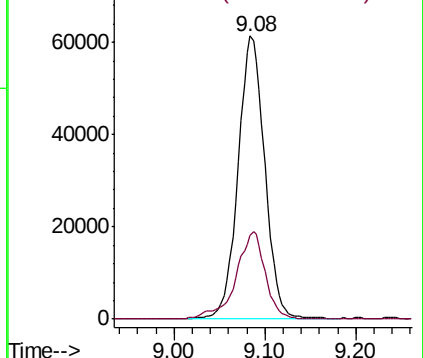
63 100

65 29.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 18.803 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

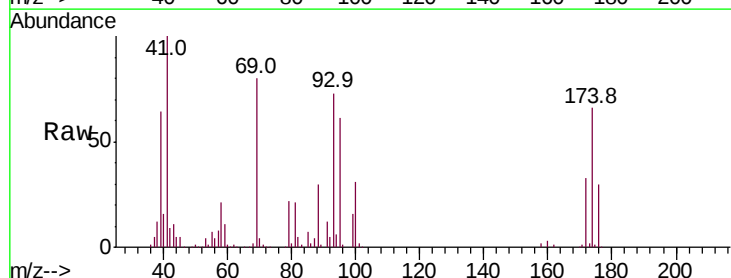
Tgt Ion: 93 Resp: 80118

Ion Ratio Lower Upper

93 100

95 84.9 66.8 100.2

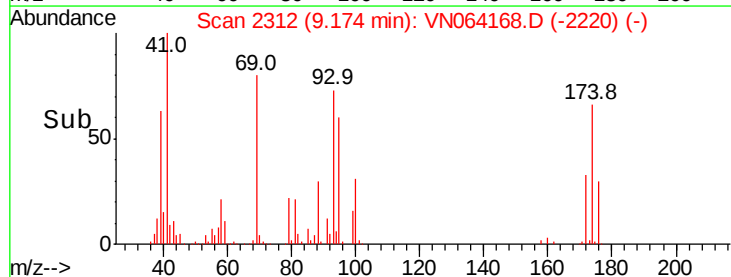
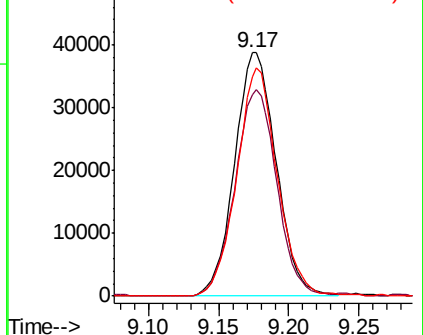
174 91.3 75.2 112.8

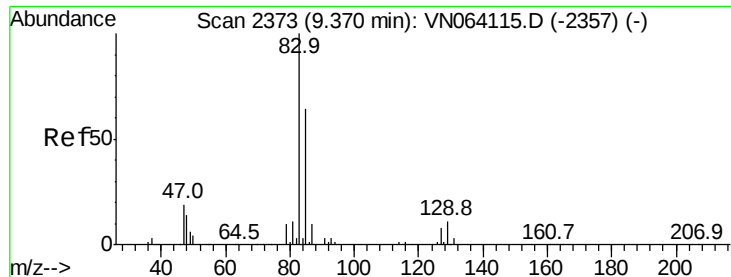


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 19.793 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBSD01

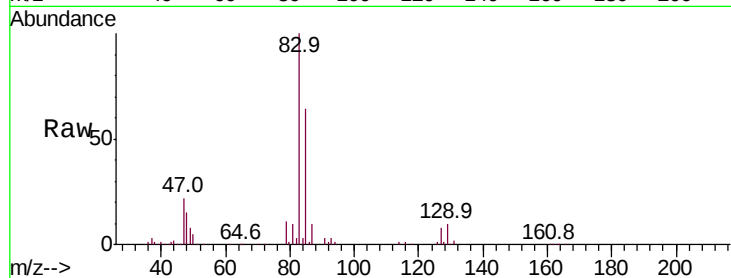
Tot Ion: 83 Resp: 165009

Ion Ratio Lower Upper

83 100

85 64.1 50.8 76.2

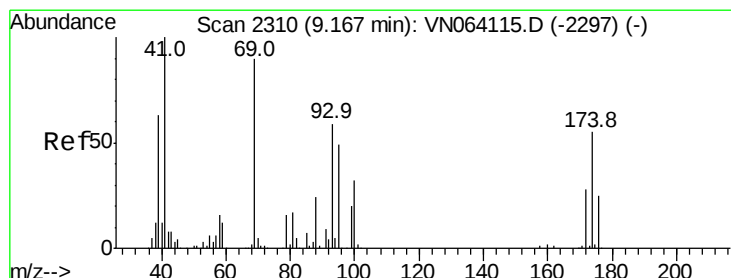
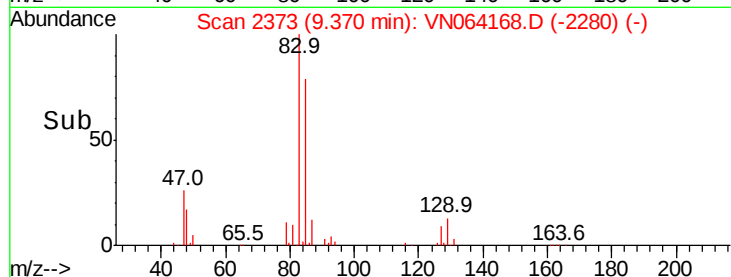
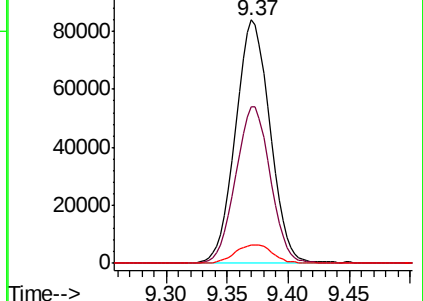
127 7.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064168.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064168.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064168.D (-2280) (-)



#48

Methyl methacrylate

Concen: 21.414 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

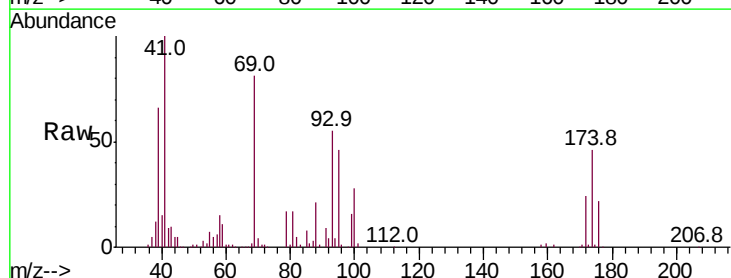
Tgt Ion: 41 Resp: 110272

Ion Ratio Lower Upper

41 100

69 83.9 71.4 107.2

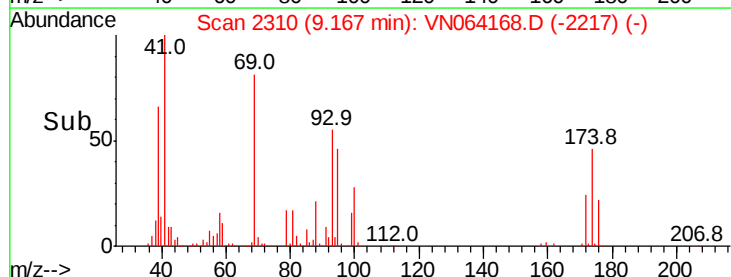
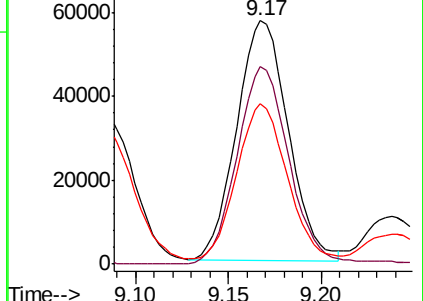
39 65.7 52.5 78.7

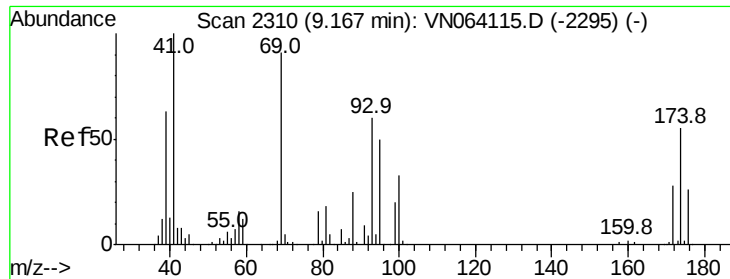


Abundance Ion 41.00 (40.70 to 41.70): VN064168.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064168.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064168.D (-2217) (-)





#49

1,4-Dioxane

Concen: 426.799 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.01 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBSD01

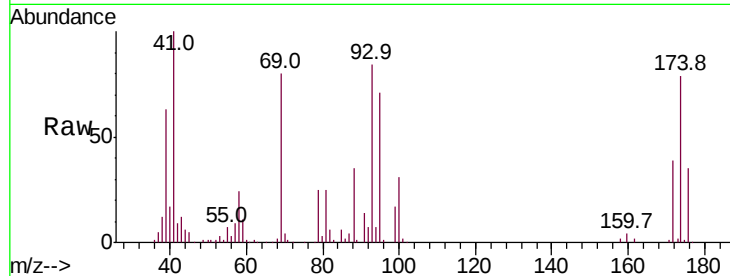
Tot Ion: 88 Resp: 33373

Ion Ratio Lower Upper

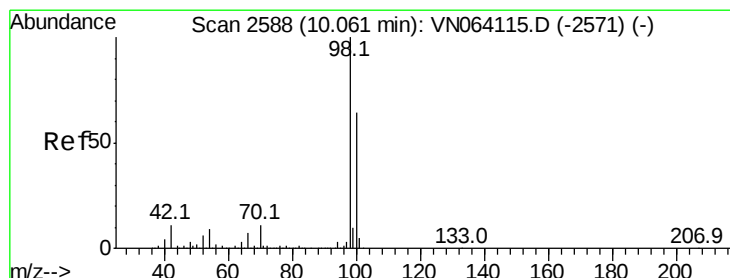
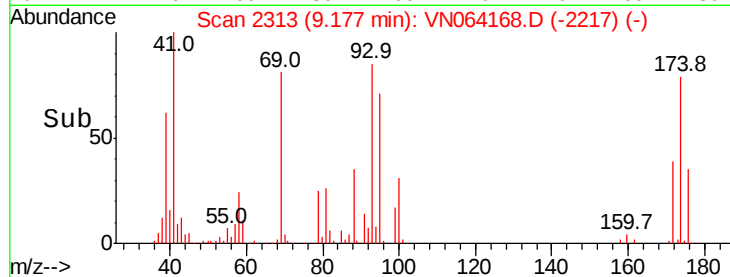
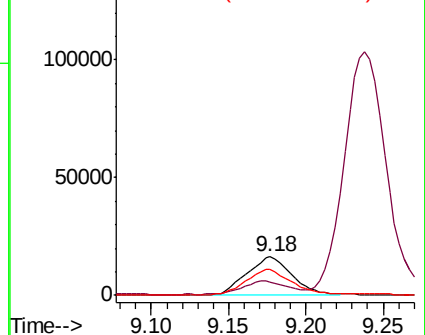
88 100

43 34.5 27.2 40.8

58 70.1 52.6 78.8



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.484 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064168.D

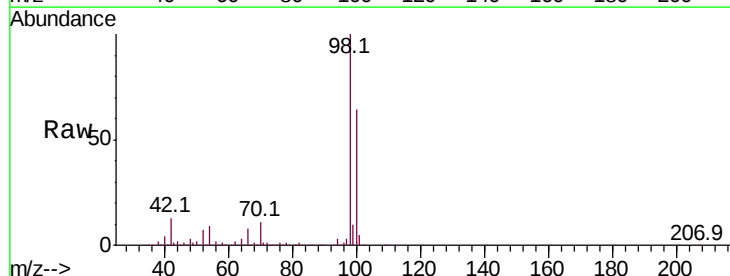
Acq: 16 Oct 2020 16:45

Tgt Ion: 98 Resp: 1035446

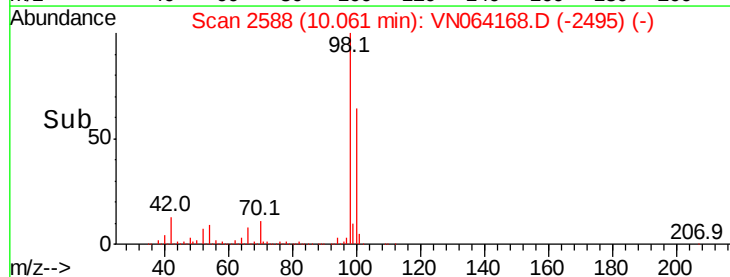
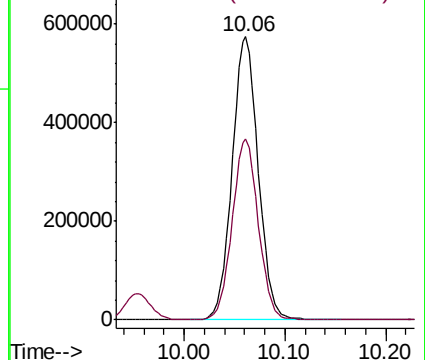
Ion Ratio Lower Upper

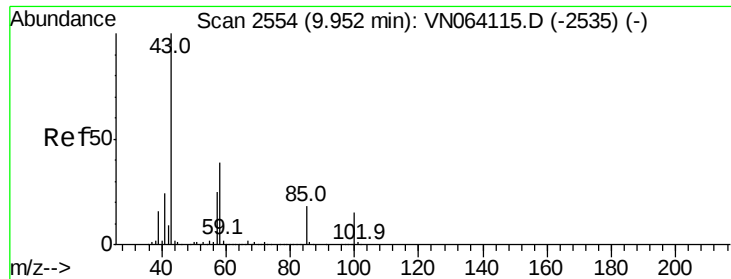
98 100

100 63.8 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

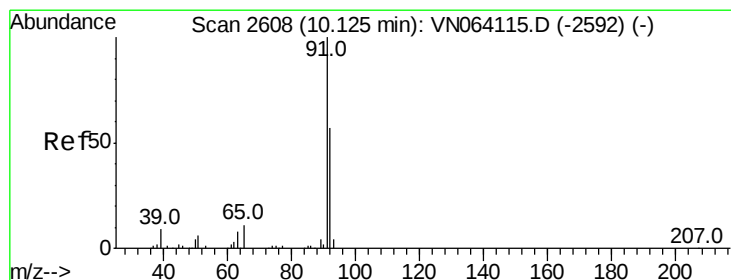
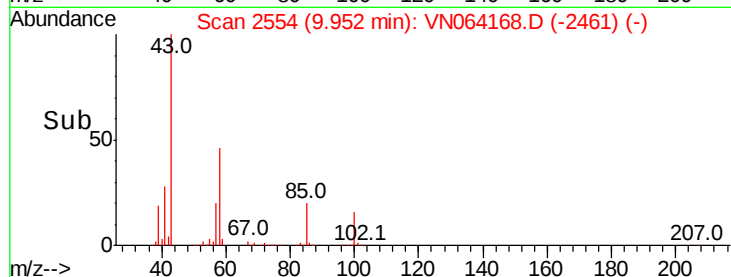
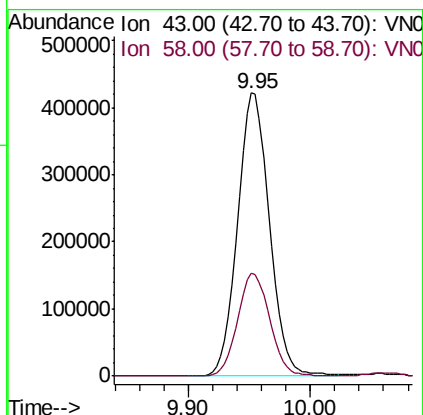
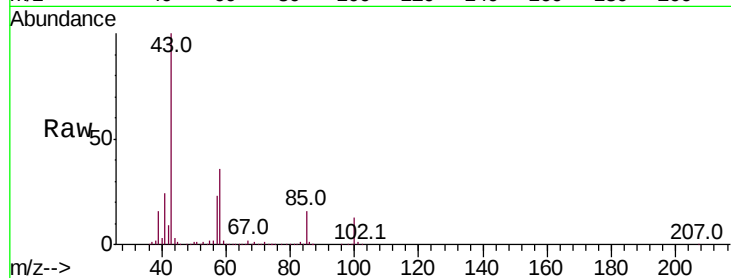




#51
 4-Methyl-2-Pentanone
 Concen: 114.923 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN064168.D
 Acq: 16 Oct 2020 16:45

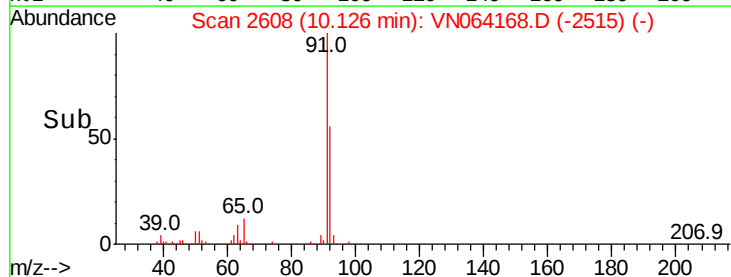
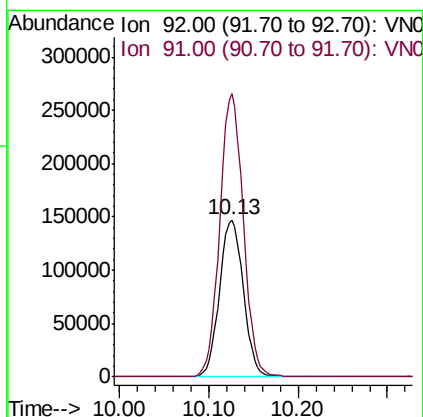
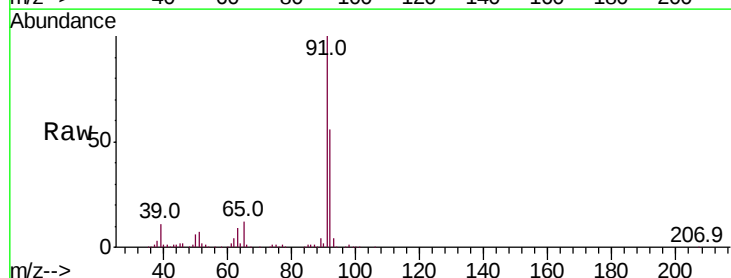
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBSD01

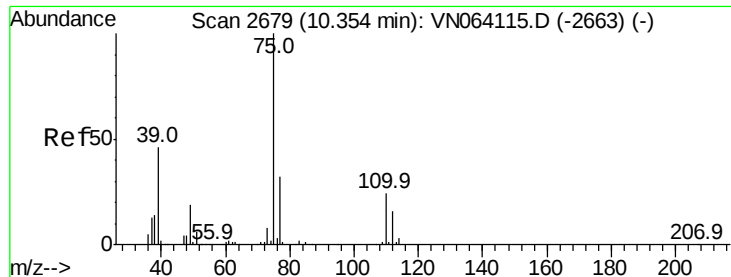
Tot Ion: 43 Resp: 758108
 Ion Ratio Lower Upper
 43 100
 58 36.9 31.2 46.8



#52
 Toluene
 Concen: 19.464 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064168.D
 Acq: 16 Oct 2020 16:45

Tgt Ion: 92 Resp: 274151
 Ion Ratio Lower Upper
 92 100
 91 177.7 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 19.722 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

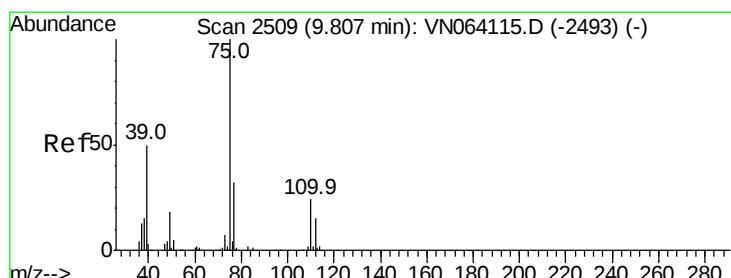
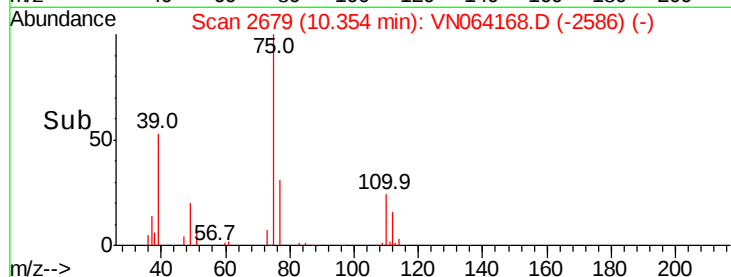
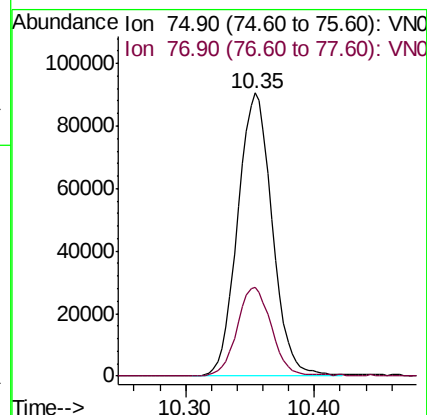
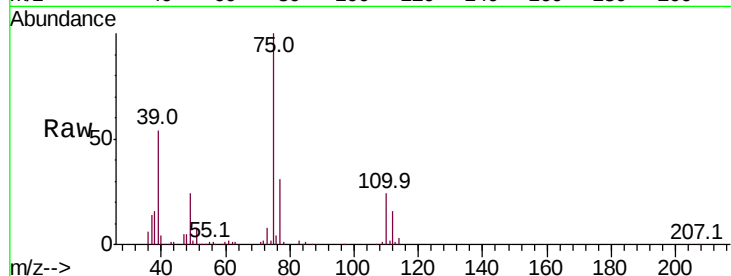
VN1016WBSD01

Tot Ion: 75 Resp: 168701

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 19.827 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

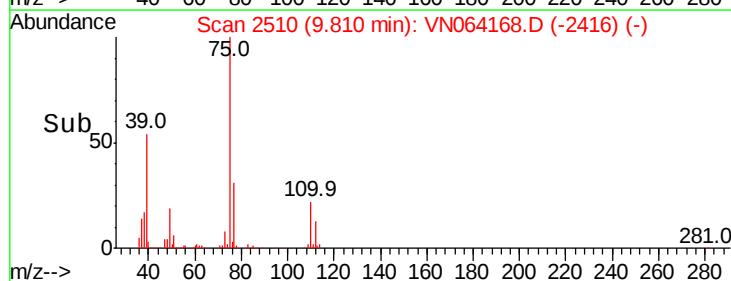
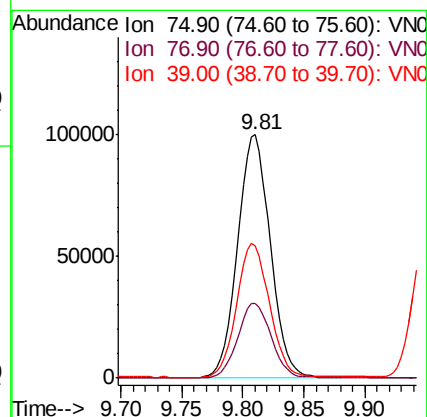
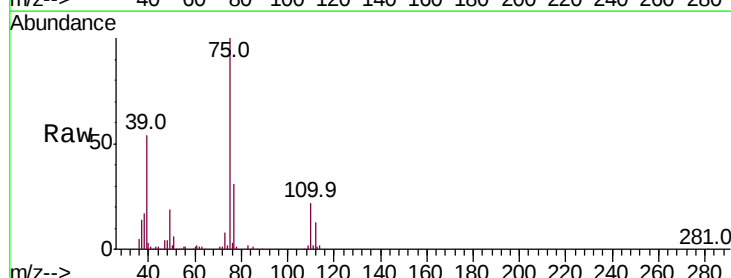
Tgt Ion: 75 Resp: 186346

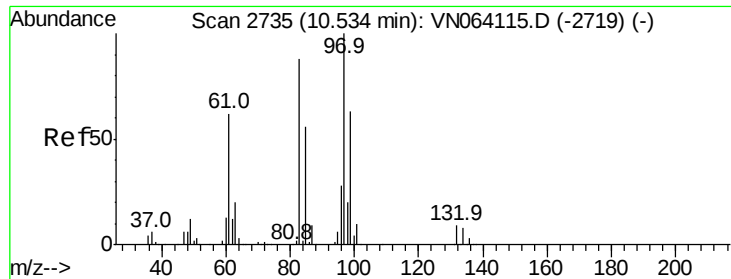
Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

39 53.9 39.8 59.8



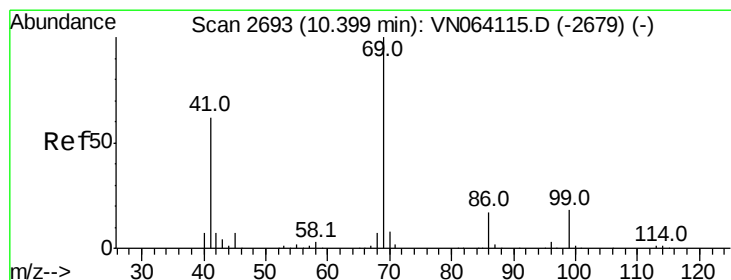
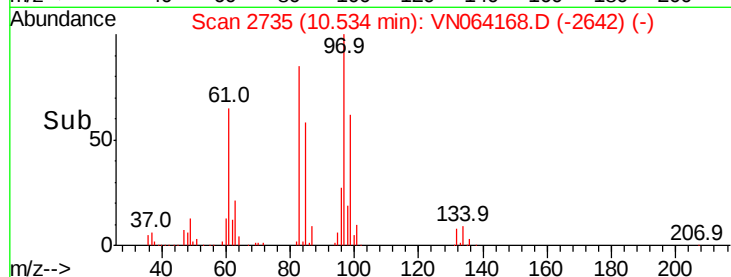
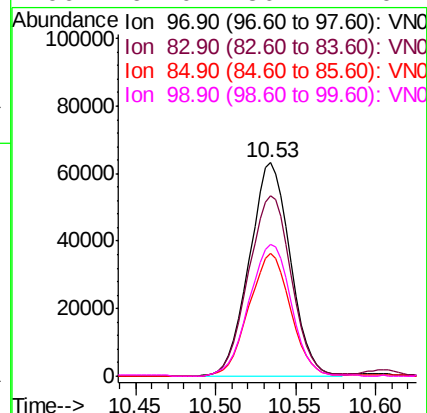
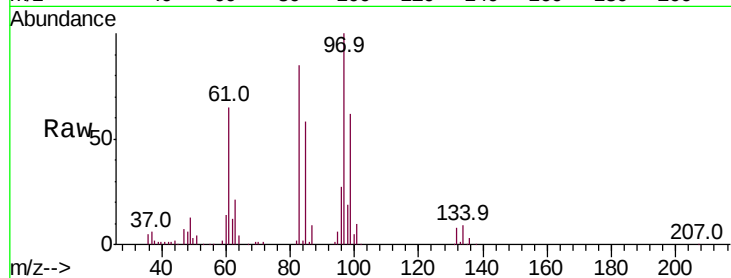


#55
 1,1,2-Trichloroethane
 Concen: 19.083 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064168.D
 Acq: 16 Oct 2020 16:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBSD01

Tot Ion: 97 Resp: 111356

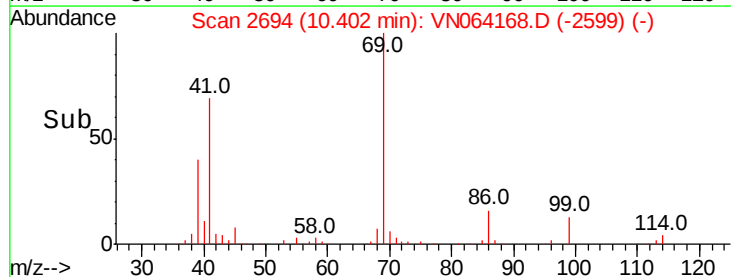
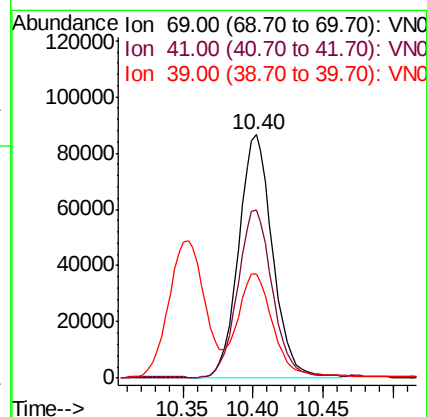
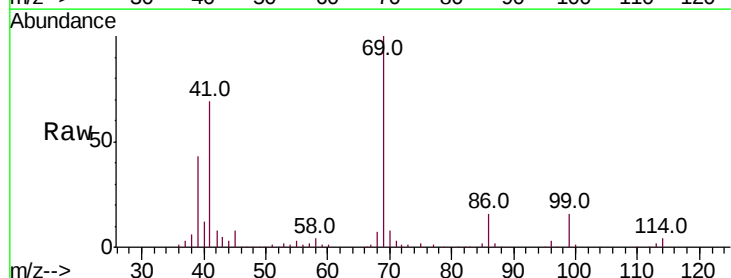
Ion	Ratio	Lower	Upper
97	100		
83	84.6	70.2	105.4
85	57.4	45.0	67.6
99	62.0	50.7	76.1

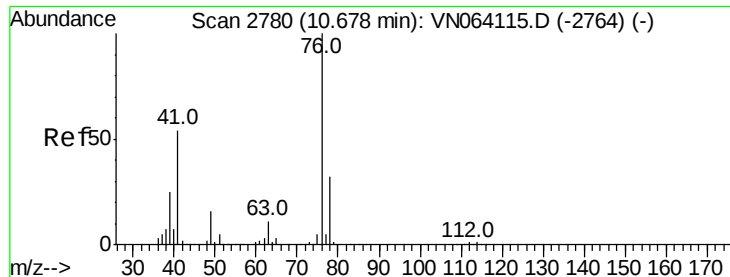


#56
 Ethyl methacrylate
 Concen: 18.787 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064168.D
 Acq: 16 Oct 2020 16:45

Tgt Ion: 69 Resp: 146122

Ion	Ratio	Lower	Upper
69	100		
41	70.2	49.3	73.9
39	42.6	32.7	49.1





#57

1,3-Dichloropropane

Concen: 19.899 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

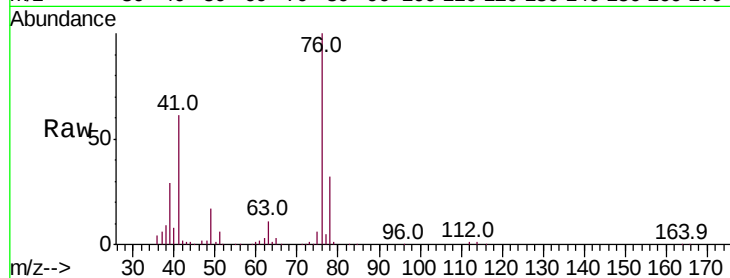
VN1016WBSD01

Tot Ion: 76 Resp: 191221

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN064168.D (-2687) (-)

Ion 77.90 (77.60 to 78.60): VN064168.D (-2687) (-)

10.68

120000

100000

80000

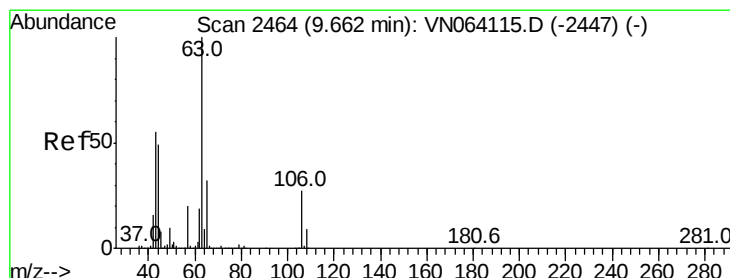
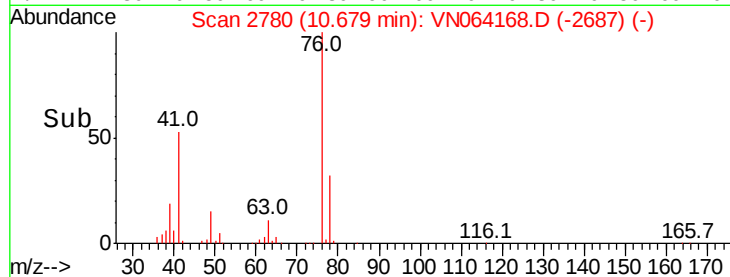
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 102.608 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN064168.D

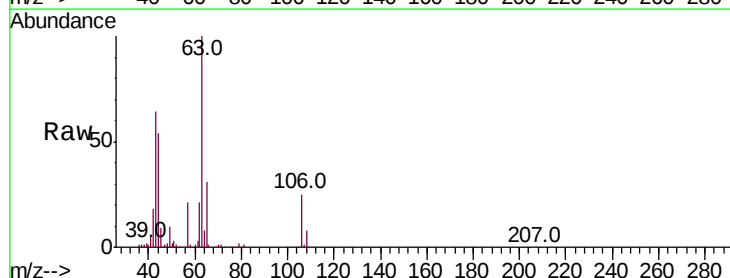
Acq: 16 Oct 2020 16:45

Tgt Ion: 63 Resp: 408634

Ion Ratio Lower Upper

63 100

106 25.4 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VN064168.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN064168.D (-2371) (-)

9.67

250000

200000

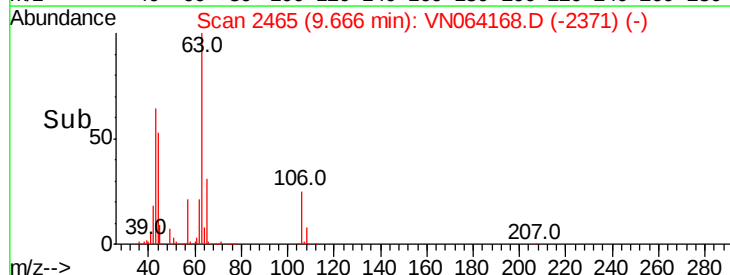
150000

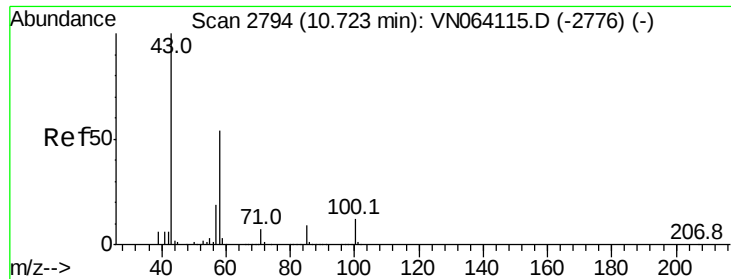
100000

50000

0

Time-->

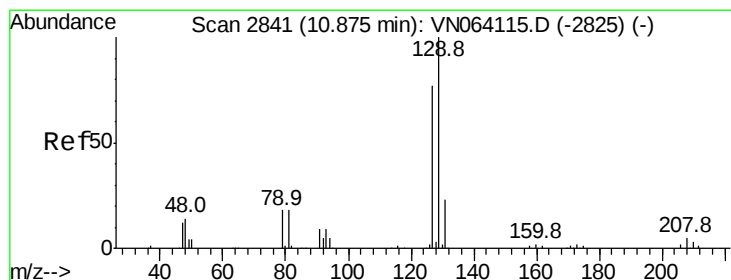
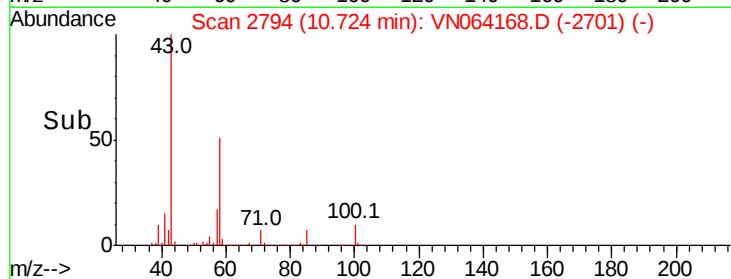
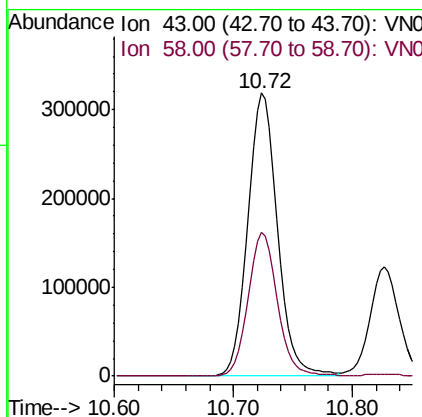
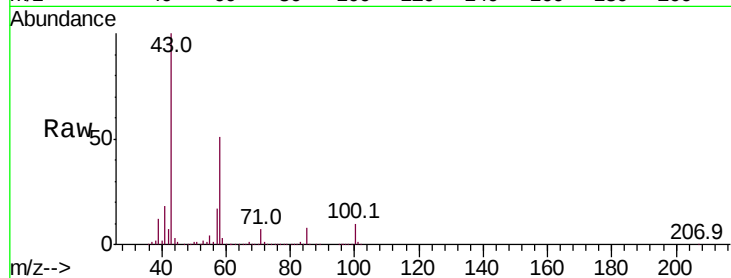




#59
2-Hexanone
Concen: 111.642 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

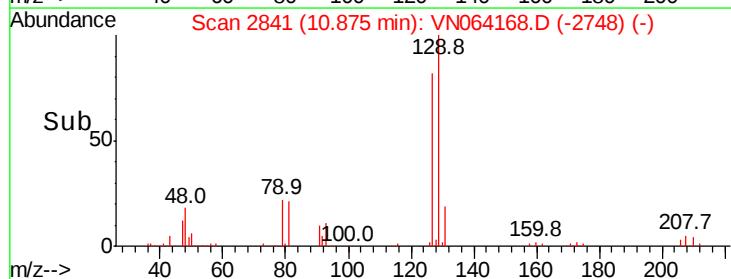
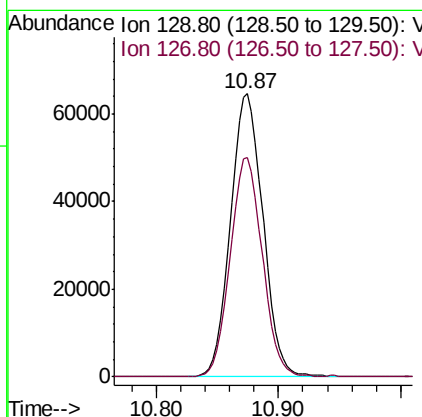
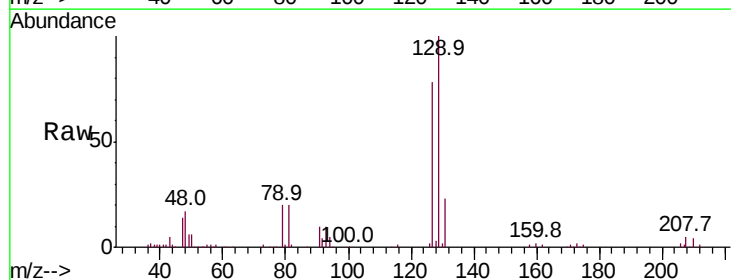
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBSD01

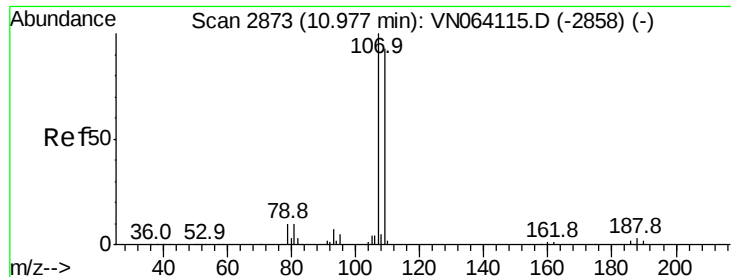
Tot Ion: 43 Resp: 549418
Ion Ratio Lower Upper
43 100
58 50.0 27.2 81.6



#60
Dibromochloromethane
Concen: 18.252 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion: 129 Resp: 119640
Ion Ratio Lower Upper
129 100
127 76.6 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.195 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

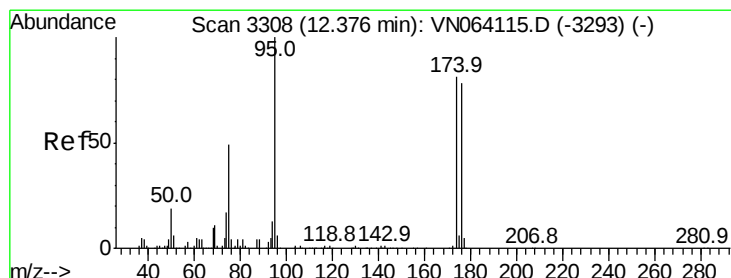
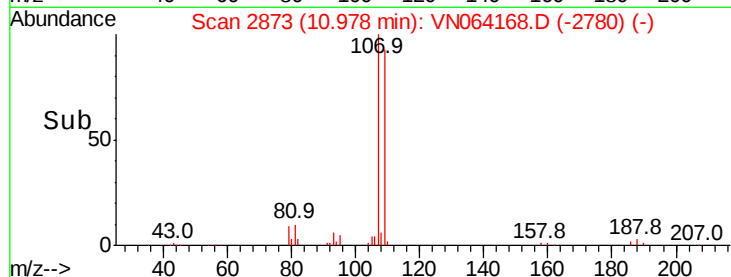
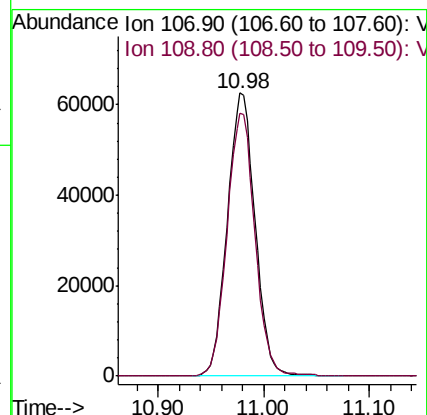
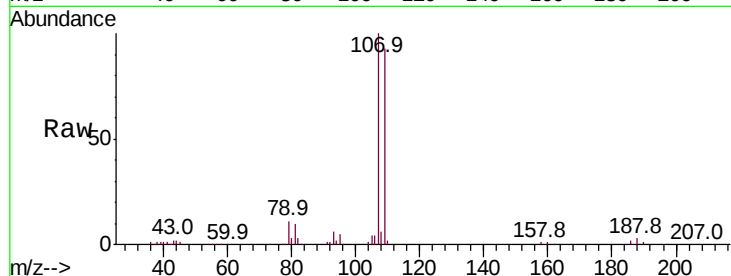
VN1016WBSD01

Tot Ion:107 Resp: 114006

Ion Ratio Lower Upper

107 100

109 93.1 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 47.365 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

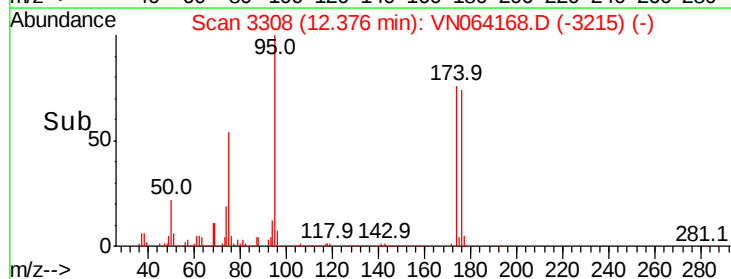
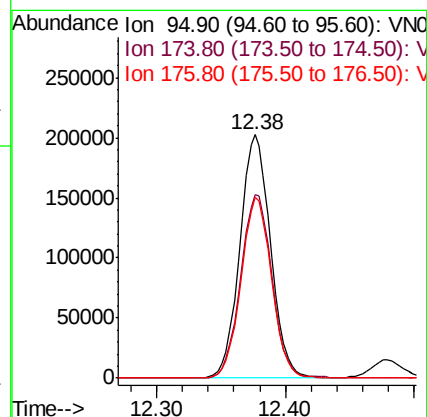
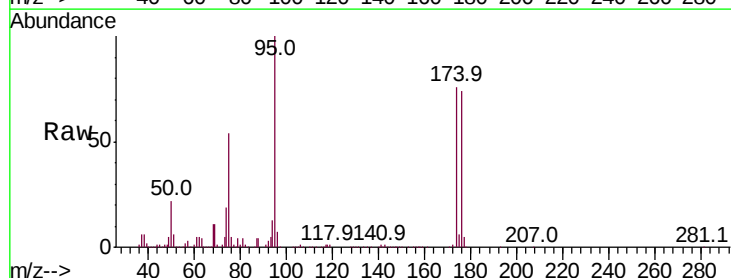
Tgt Ion: 95 Resp: 333921

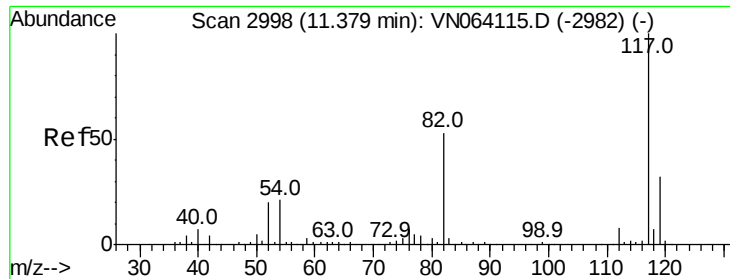
Ion Ratio Lower Upper

95 100

174 77.1 0.0 164.8

176 74.1 0.0 157.8

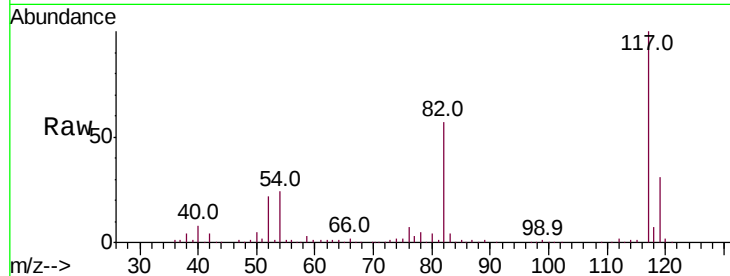




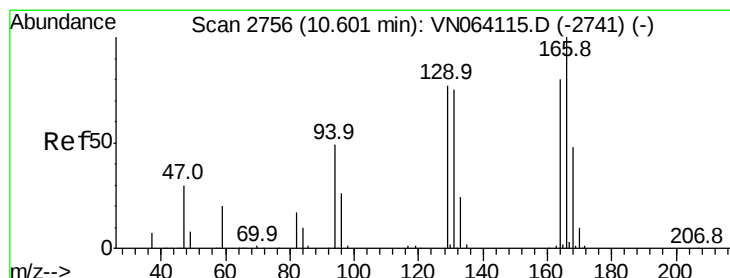
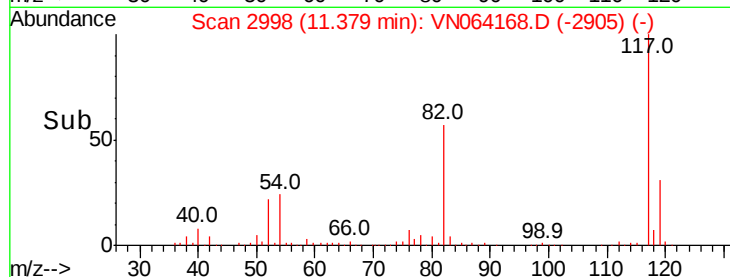
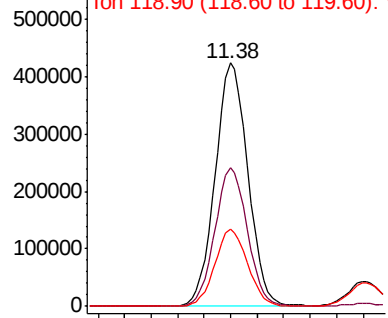
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBSD01

Tot Ion:117 Resp: 726570
Ion Ratio Lower Upper
117 100
82 56.7 42.6 63.8
119 31.5 25.5 38.3

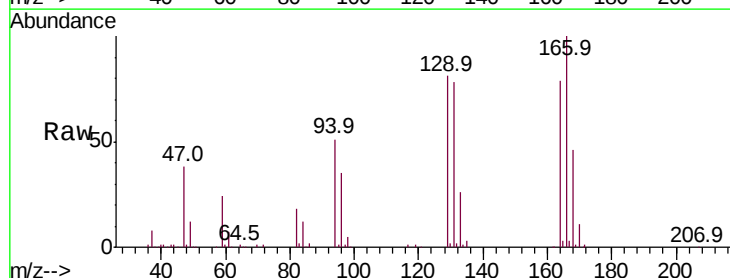


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

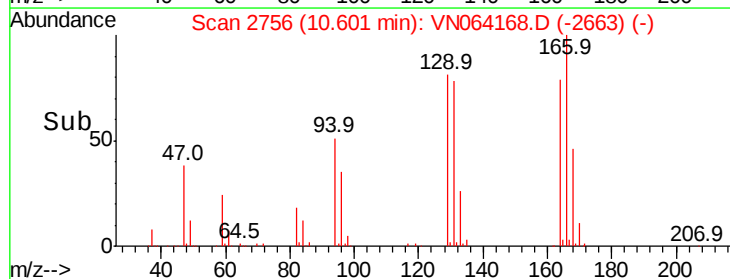
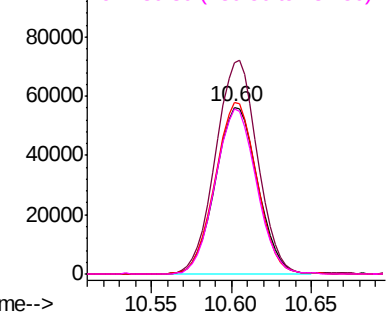


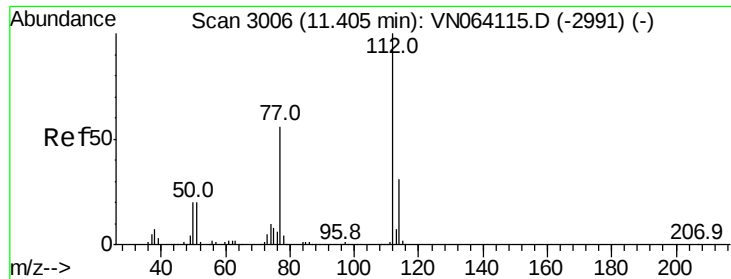
#64
Tetrachloroethene
Concen: 18.519 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion:164 Resp: 101443
Ion Ratio Lower Upper
164 100
166 126.8 99.7 149.5
129 103.2 77.0 115.4
131 99.2 74.6 111.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

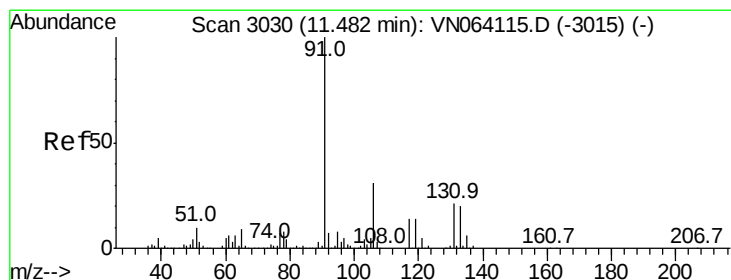
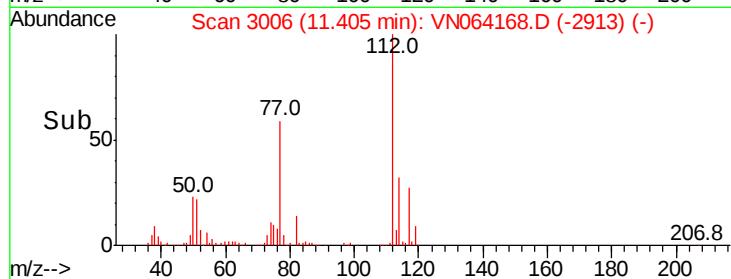
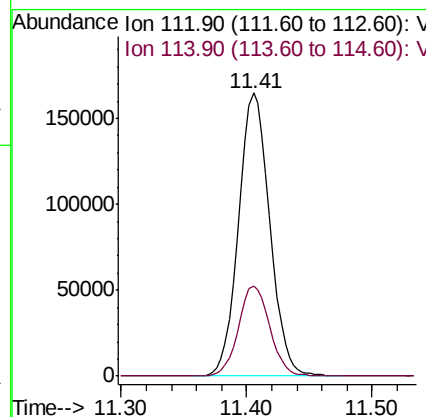
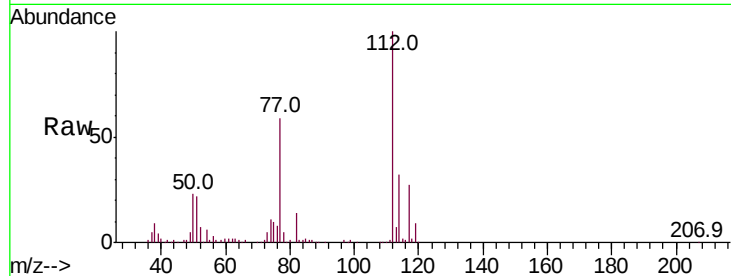




#65
Chlorobenzene
Concen: 18.662 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

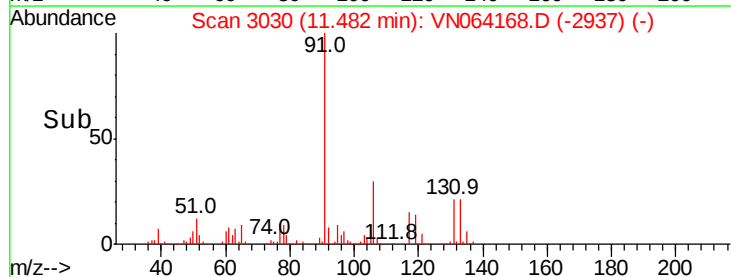
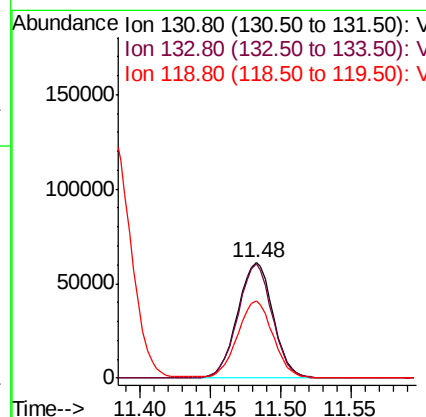
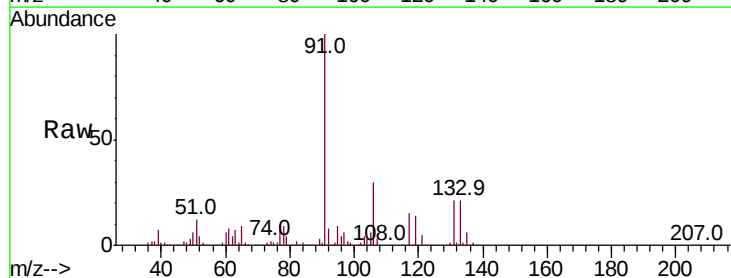
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBSD01

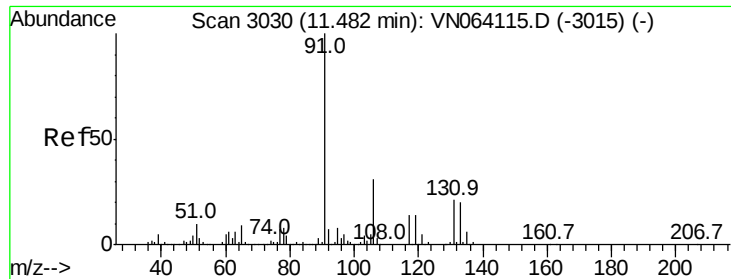
Tot Ion:112 Resp: 285536
Ion Ratio Lower Upper
112 100
114 31.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.585 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion:131 Resp: 107963
Ion Ratio Lower Upper
131 100
133 96.6 47.3 141.9
119 67.2 32.8 98.4

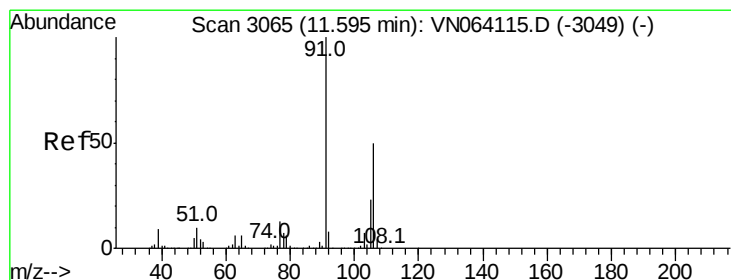
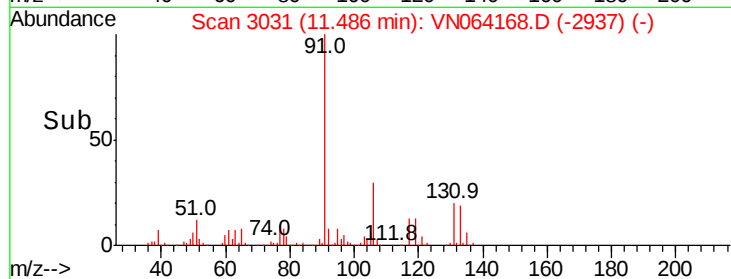
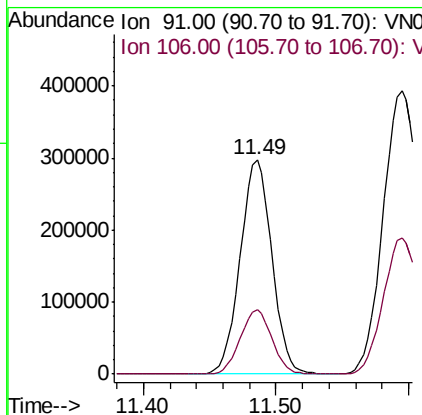
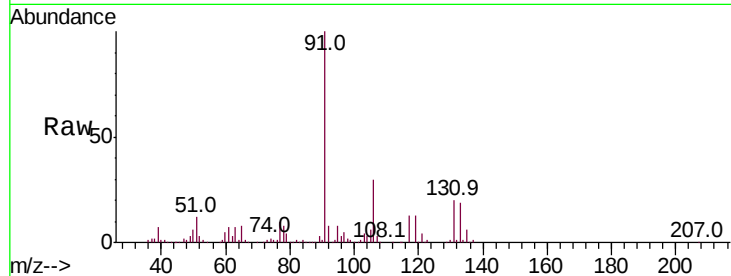




#67
Ethyl Benzene
Concen: 19.298 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

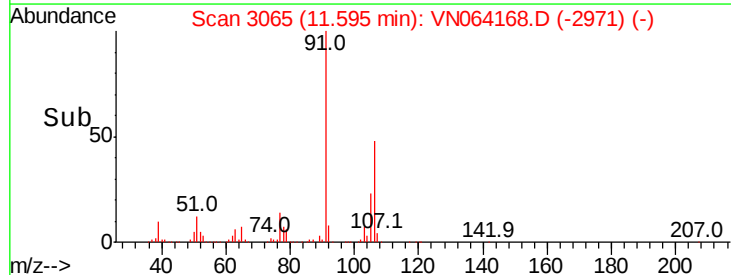
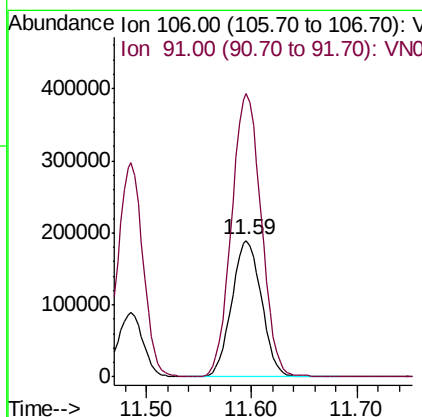
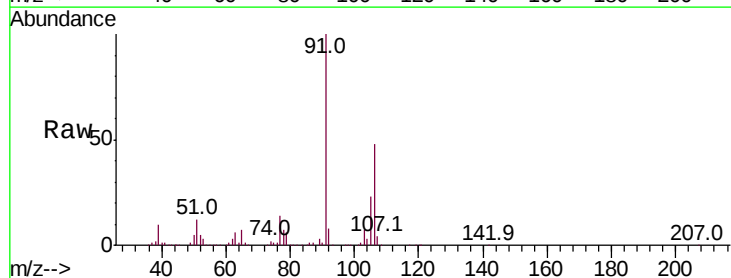
Instrument :
MSVOA_N
ClientSampled :
VN1016WBSD01

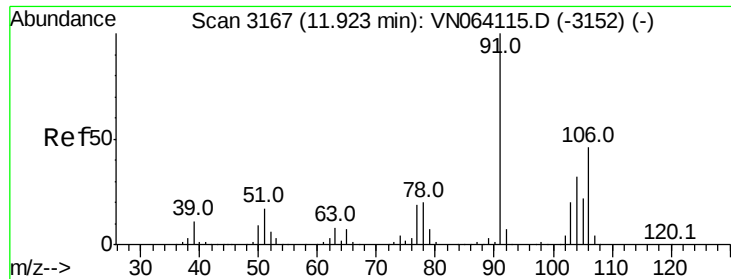
Tot Ion: 91 Resp: 494618
Ion Ratio Lower Upper
91 100
106 30.0 24.7 37.1



#68
m/p-Xylenes
Concen: 36.344 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion: 106 Resp: 368939
Ion Ratio Lower Upper
106 100
91 208.2 162.1 243.1

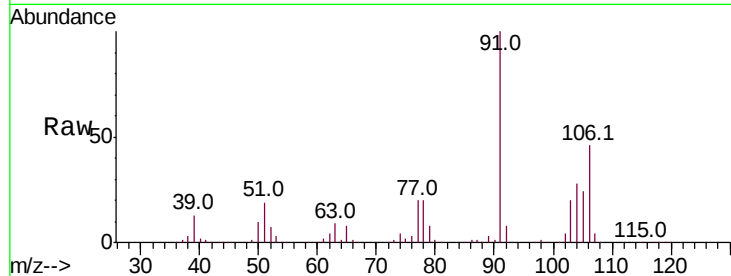




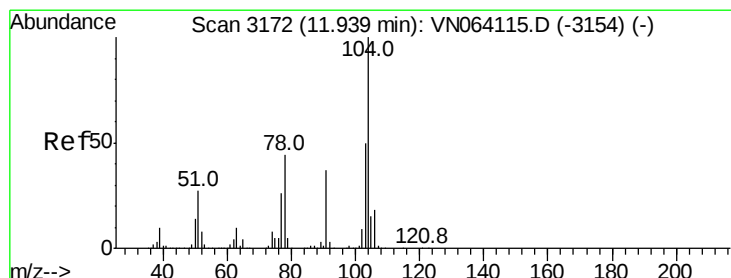
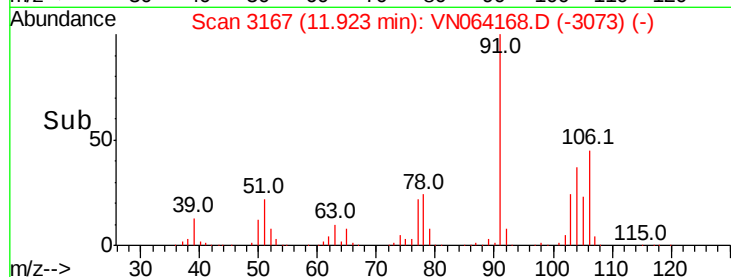
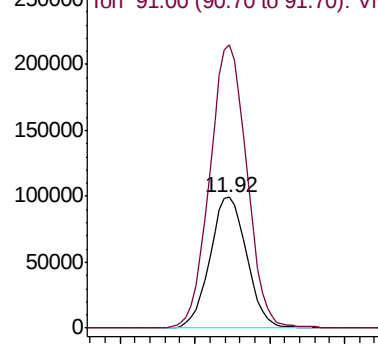
#69
o-Xylene
Concen: 17.888 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBSD01

Tot Ion:106 Resp: 170246
Ion Ratio Lower Upper
106 100
91 217.9 107.6 322.8

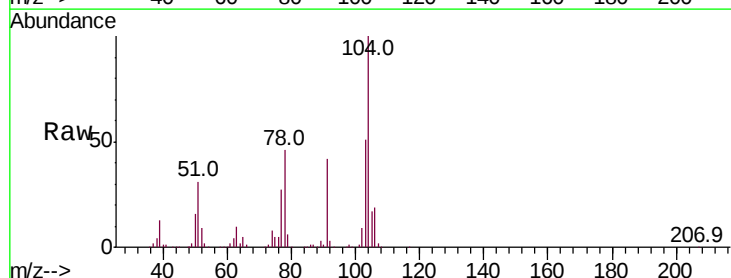


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

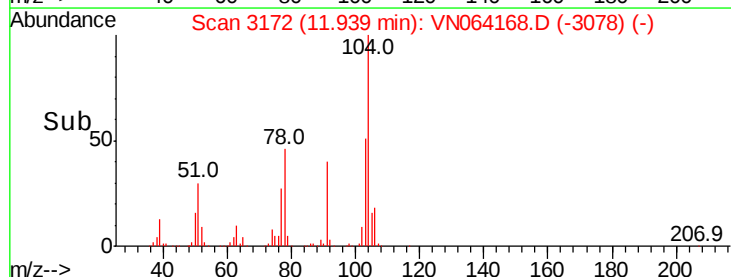
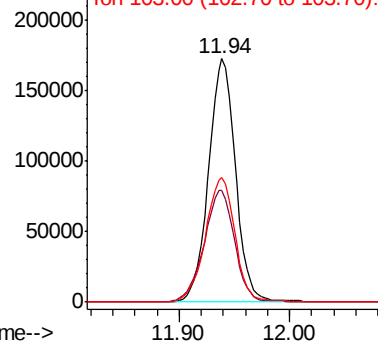


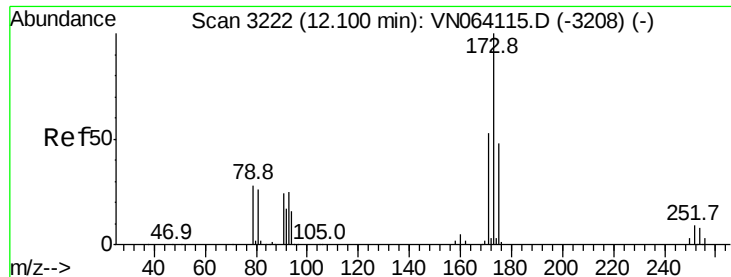
#70
Styrene
Concen: 18.131 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion:104 Resp: 292514
Ion Ratio Lower Upper
104 100
78 52.3 39.7 59.5
103 56.2 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.854 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBSD01

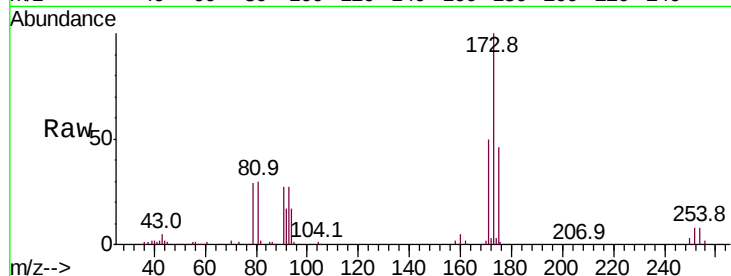
Tot Ion:173 Resp: 78694

Ion Ratio Lower Upper

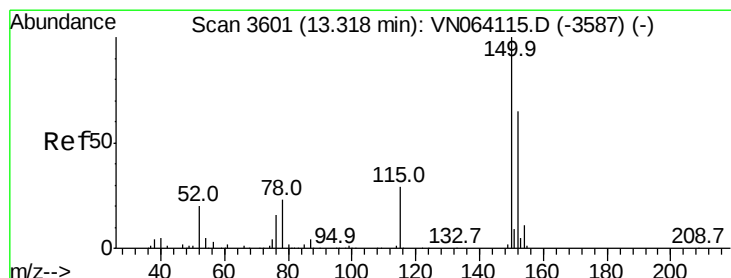
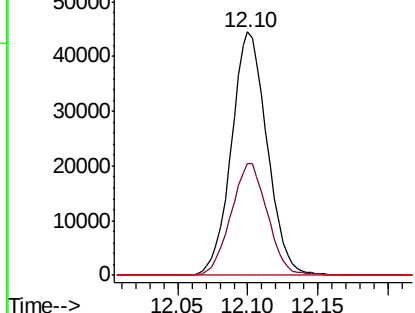
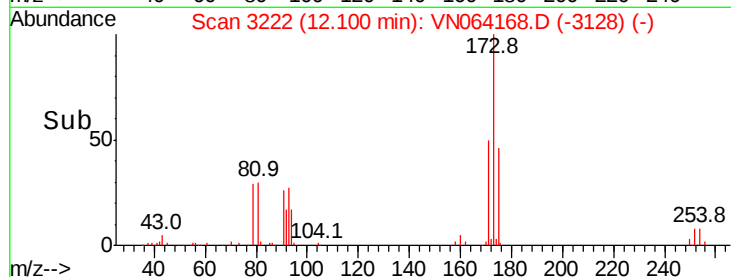
173 100

175 47.0 23.4 70.2

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

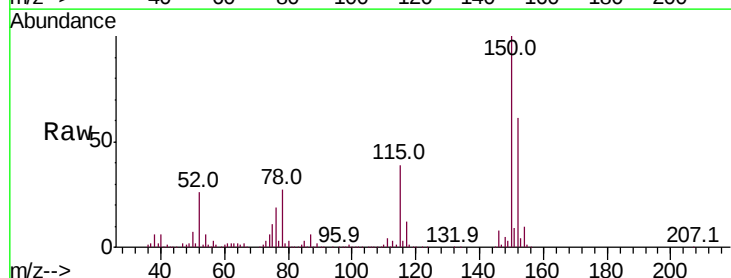
Tgt Ion:152 Resp: 315383

Ion Ratio Lower Upper

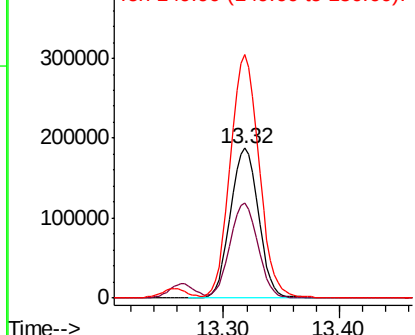
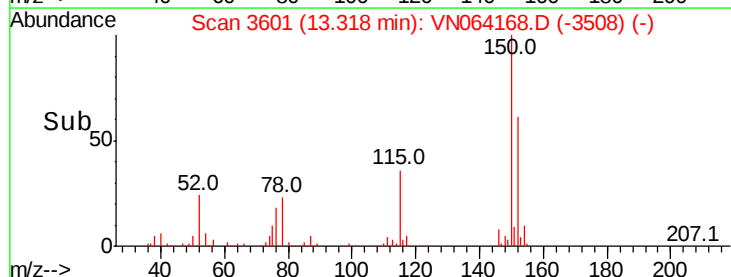
152 100

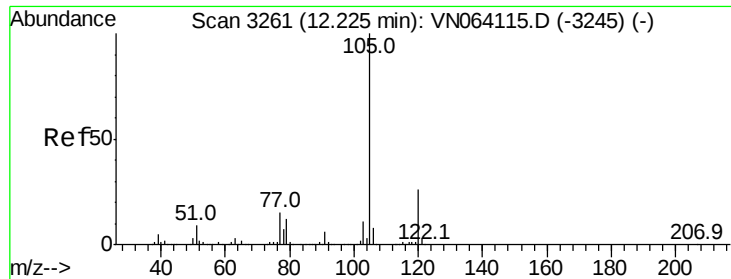
115 62.5 29.3 87.8

150 165.4 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.457 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

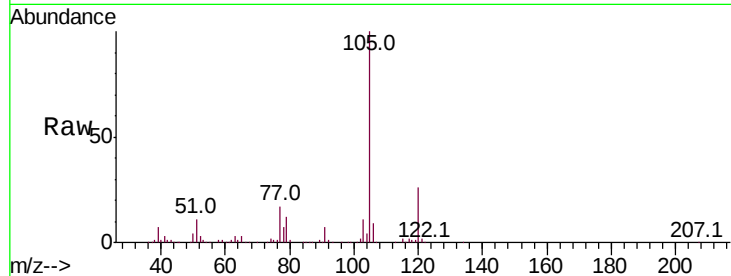
VN1016WBSD01

Tot Ion:105 Resp: 444496

Ion Ratio Lower Upper

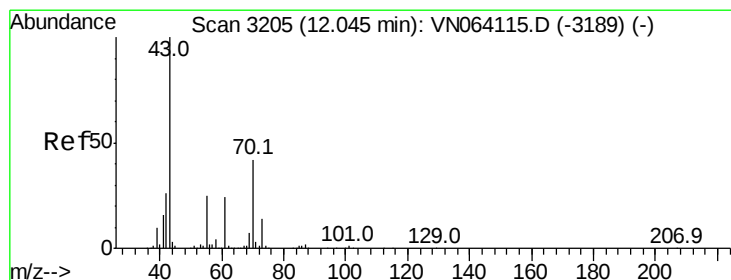
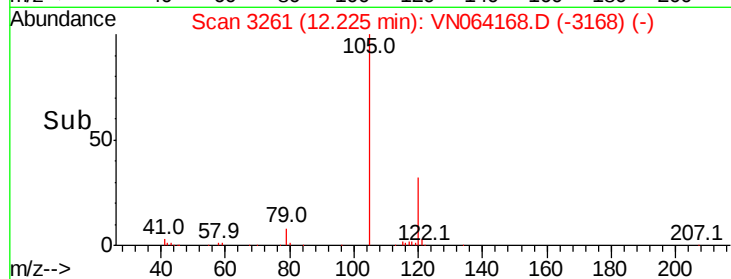
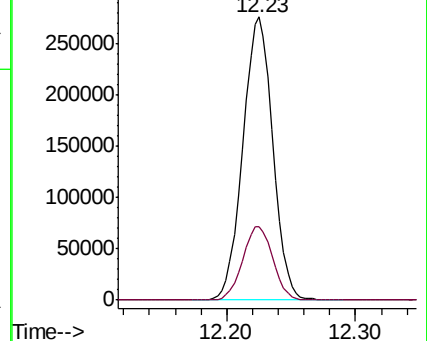
105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.453 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Tgt Ion: 43 Resp: 192092

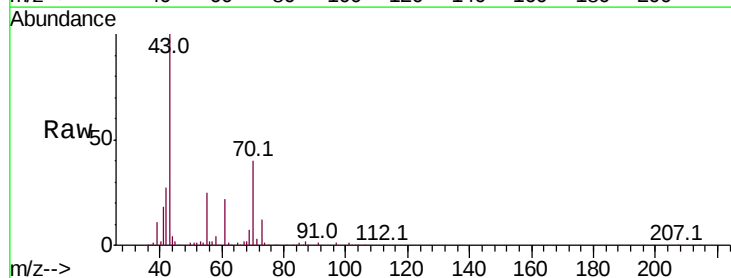
Ion Ratio Lower Upper

43 100

70 38.3 33.2 49.8

55 24.9 19.9 29.9

61 21.9 18.8 28.2

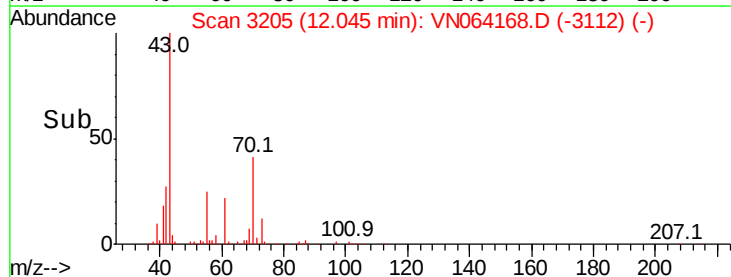
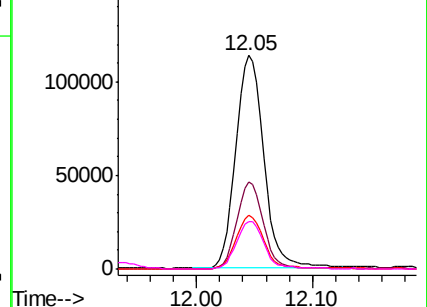


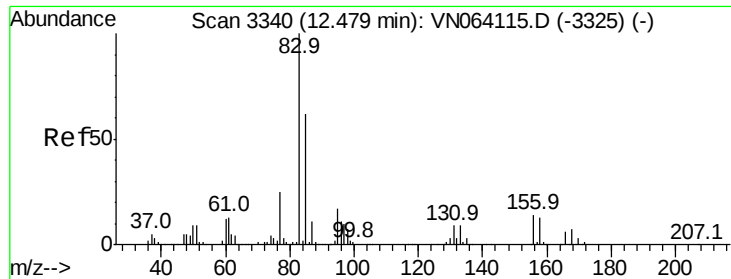
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.459 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBSD01

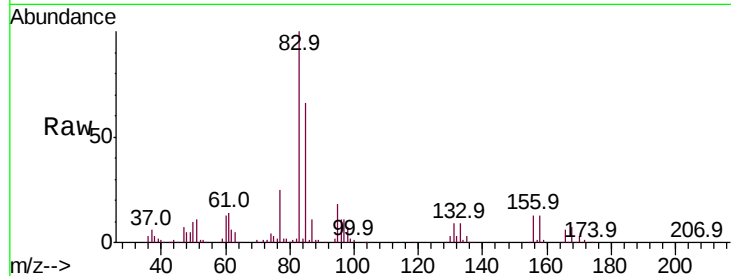
Tot Ion: 83 Resp: 153050

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

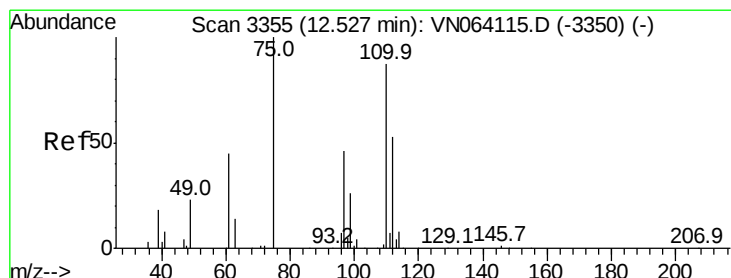
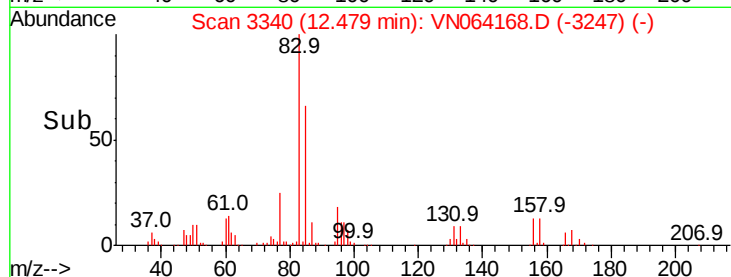
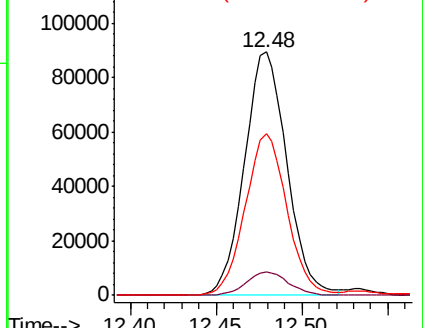
85 65.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN064168.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064168.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064168.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 28.016 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064168.D

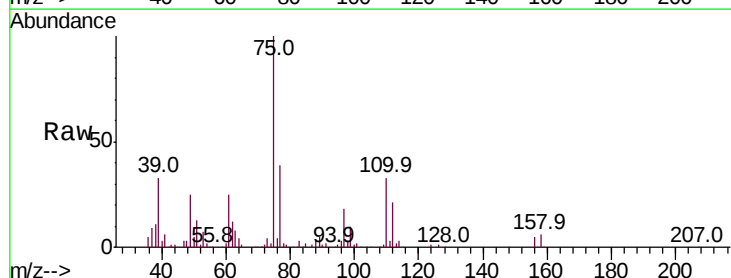
Acq: 16 Oct 2020 16:45

Tgt Ion: 75 Resp: 207293

Ion Ratio Lower Upper

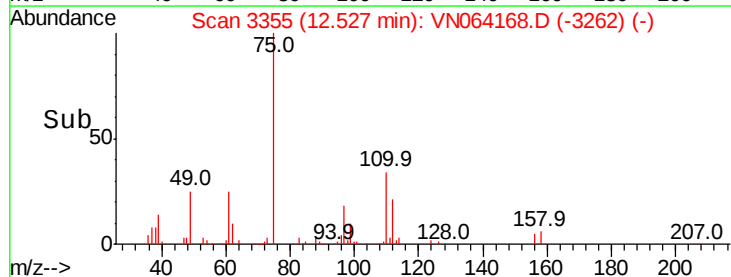
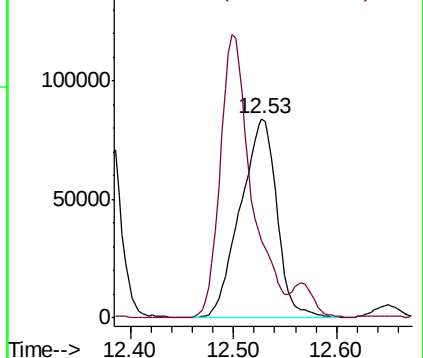
75 100

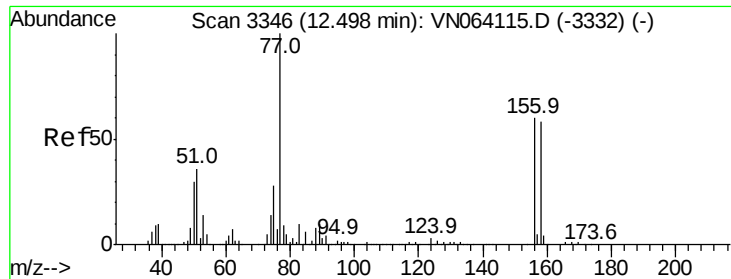
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064168.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064168.D (-3262) (-)

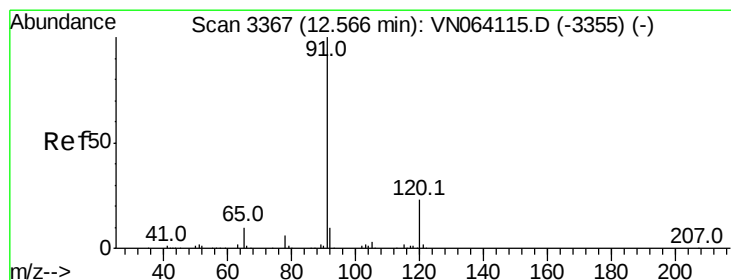
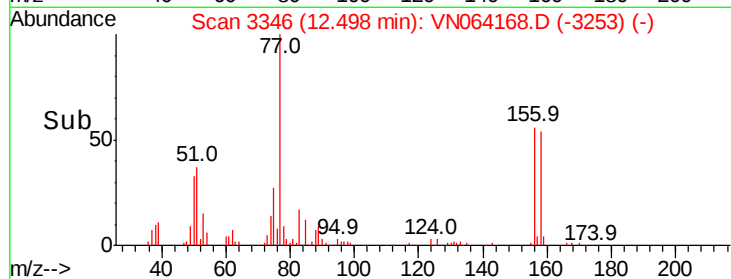
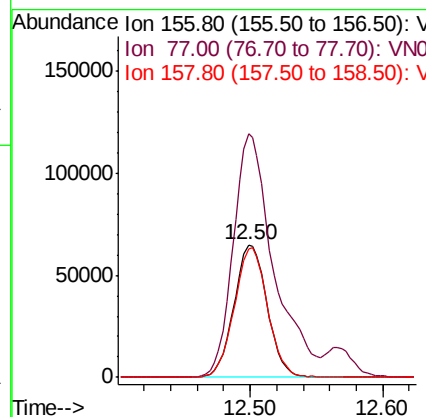
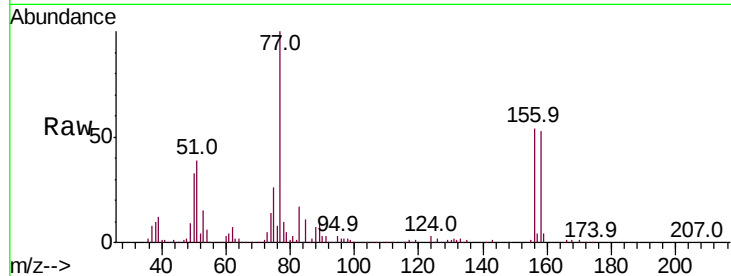




#77
Bromobenzene
Concen: 18.143 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

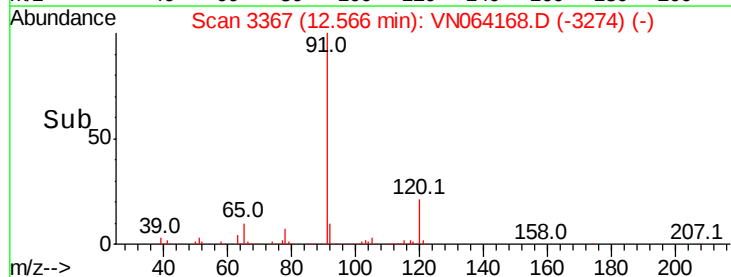
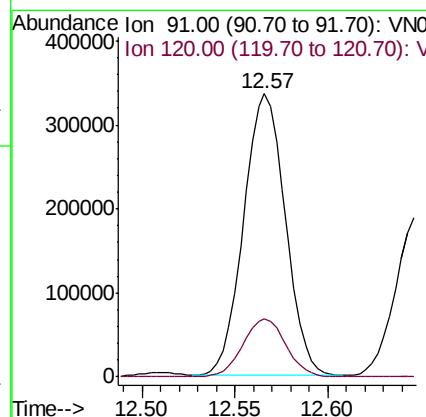
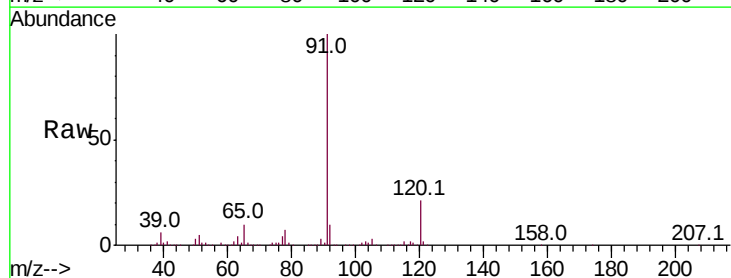
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBSD01

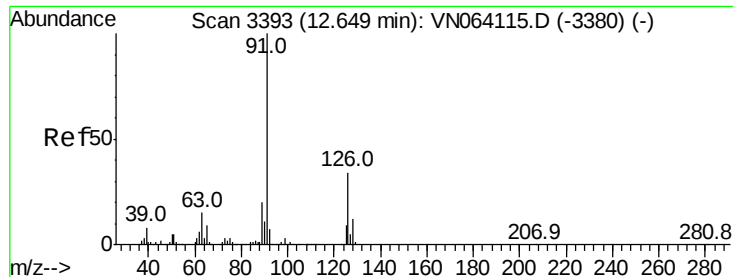
Tot Ion:156 Resp: 112523
Ion Ratio Lower Upper
156 100
77 225.4 99.3 297.9
158 98.4 48.6 145.9



#78
n-propylbenzene
Concen: 20.648 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion: 91 Resp: 526480
Ion Ratio Lower Upper
91 100
120 21.2 11.5 34.5





#79

2-Chlorotoluene

Concen: 19.747 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

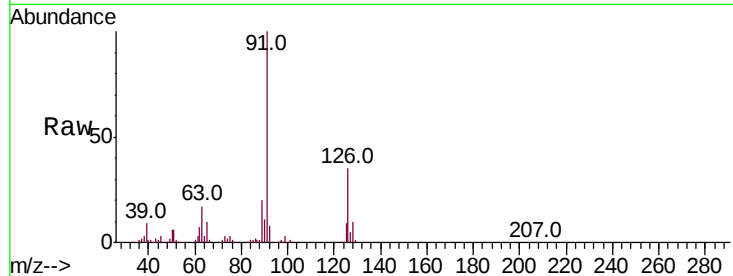
VN1016WBSD01

Tot Ion: 91 Resp: 320229

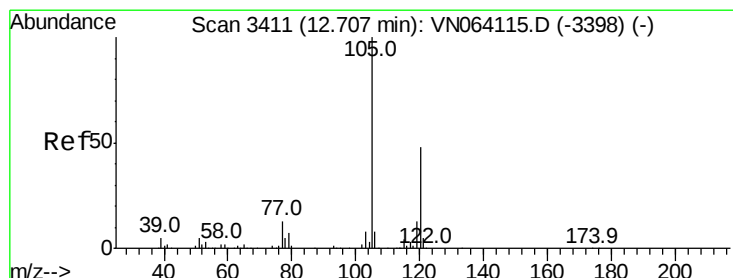
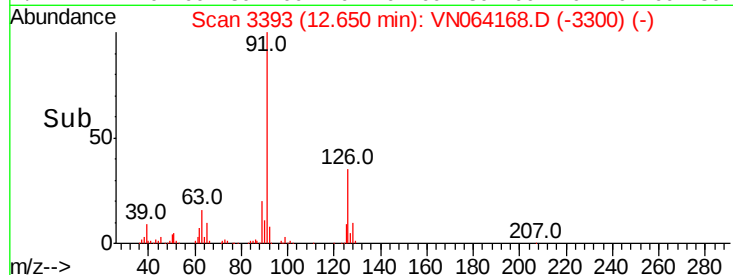
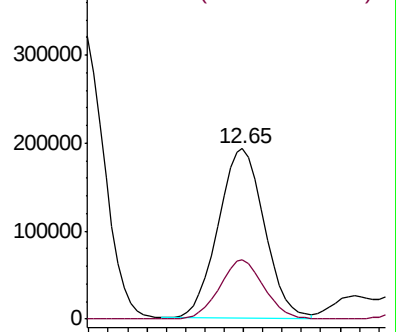
Ion Ratio Lower Upper

91 100

126 34.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN064115.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.347 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064168.D

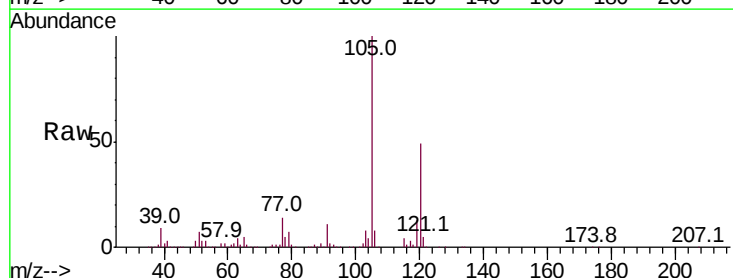
Acq: 16 Oct 2020 16:45

Tgt Ion:105 Resp: 373094

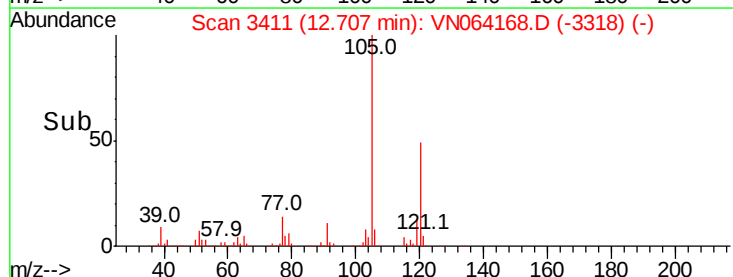
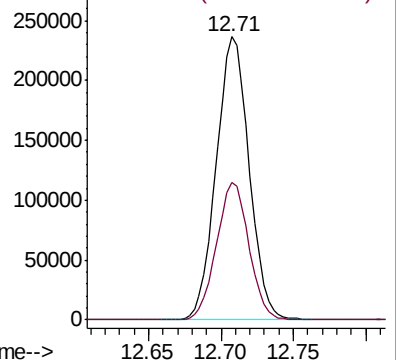
Ion Ratio Lower Upper

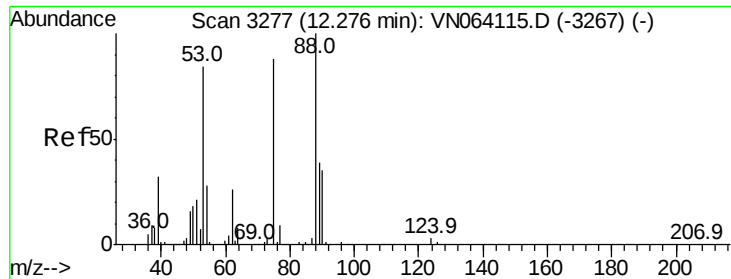
105 100

120 48.4 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN064115.D (-3398) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.485 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBSD01

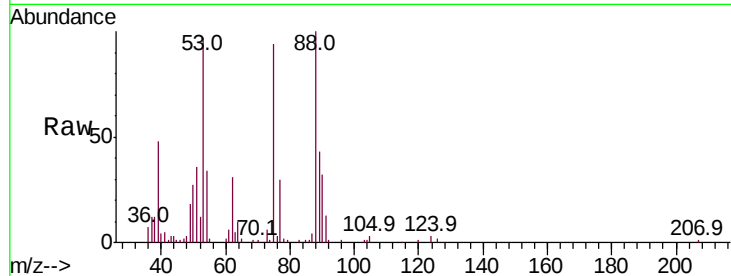
Tot Ion: 75 Resp: 49611

Ion Ratio Lower Upper

75 100

53 108.7 75.7 113.5

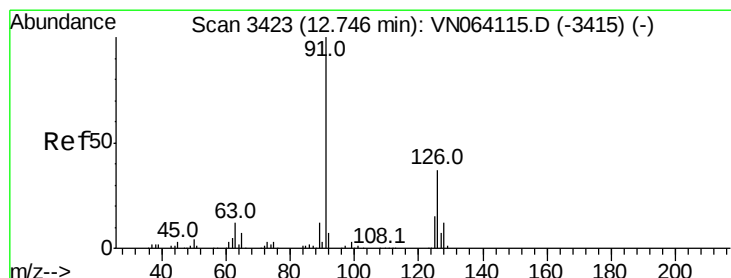
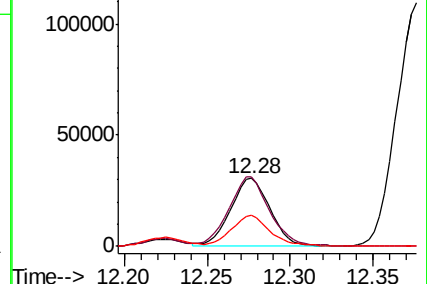
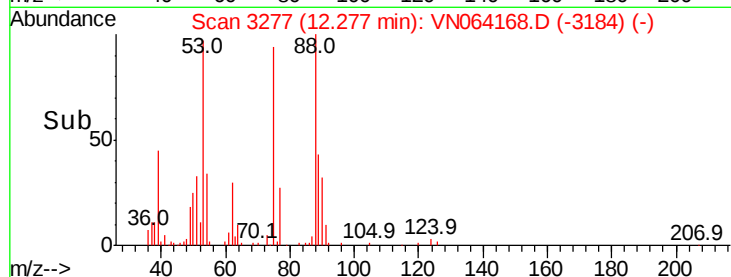
89 44.9 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.706 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN064168.D

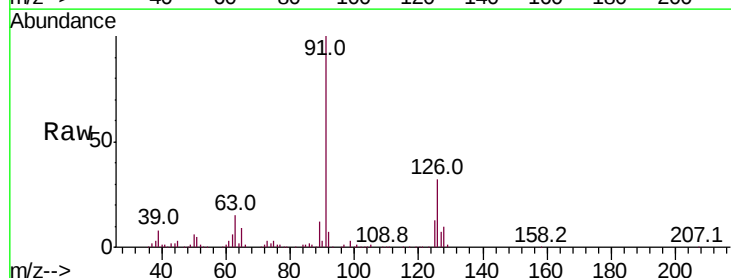
Acq: 16 Oct 2020 16:45

Tgt Ion: 91 Resp: 338413

Ion Ratio Lower Upper

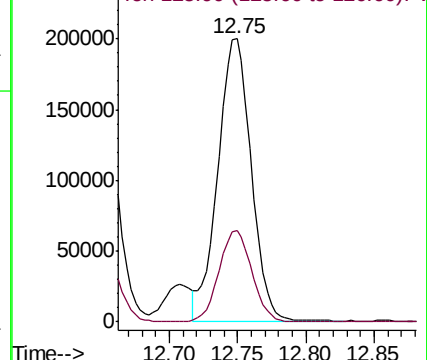
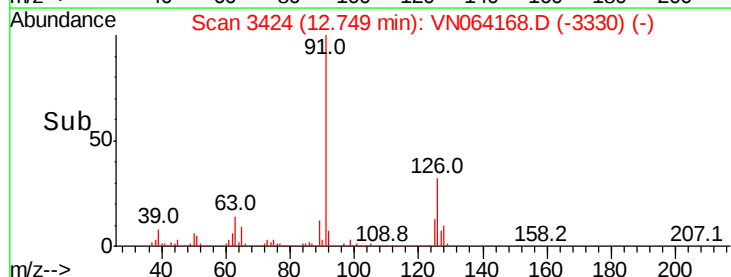
91 100

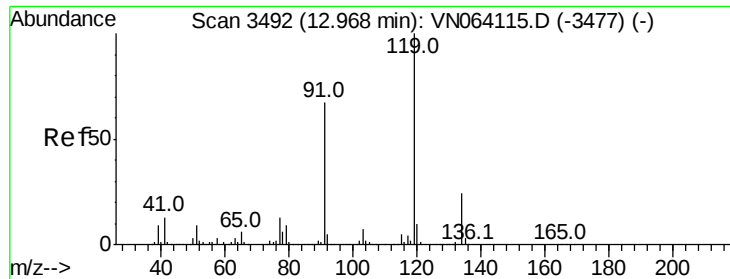
126 31.8 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

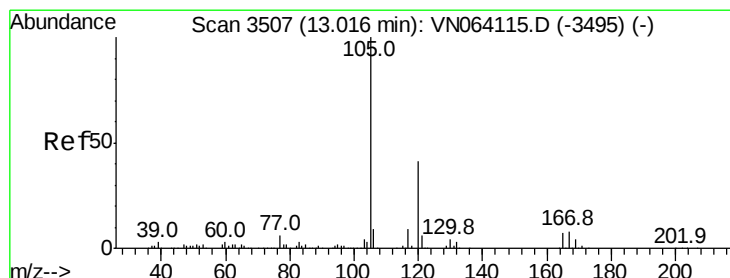
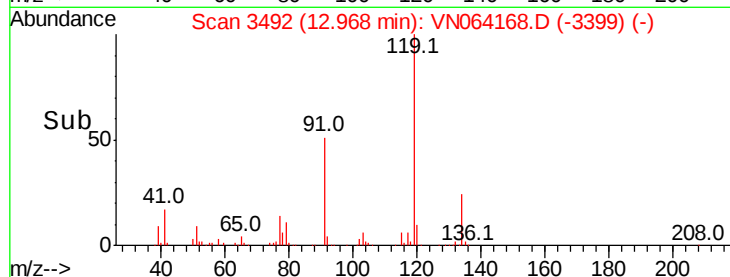
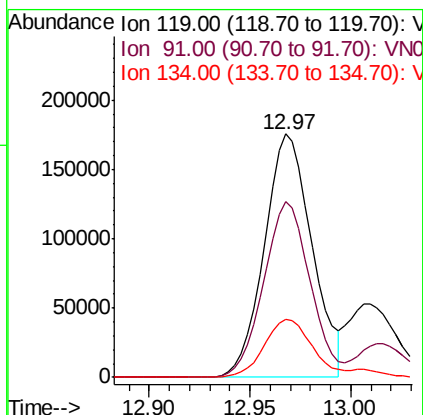
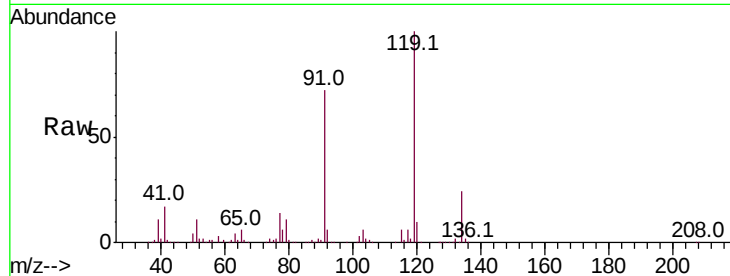




#83
 tert-Butylbenzene
 Concen: 19.048 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064168.D
 Acq: 16 Oct 2020 16:45

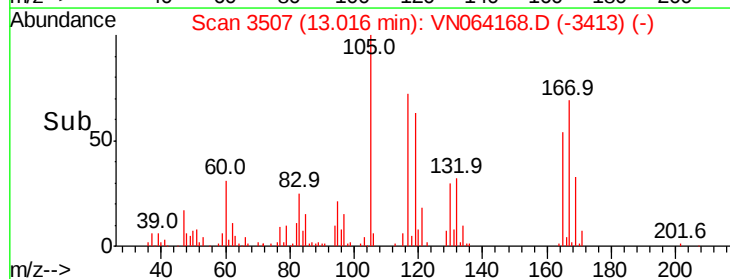
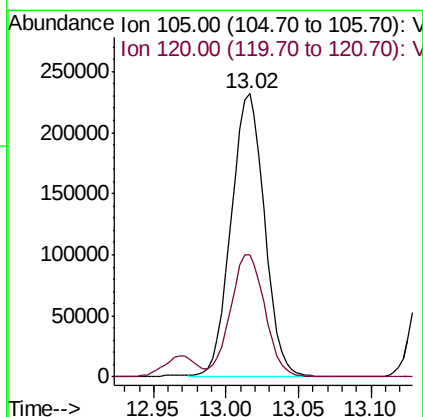
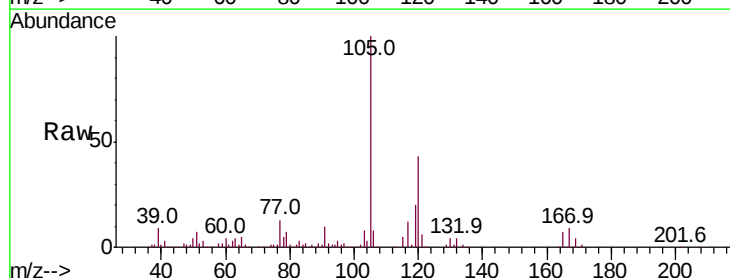
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBSD01

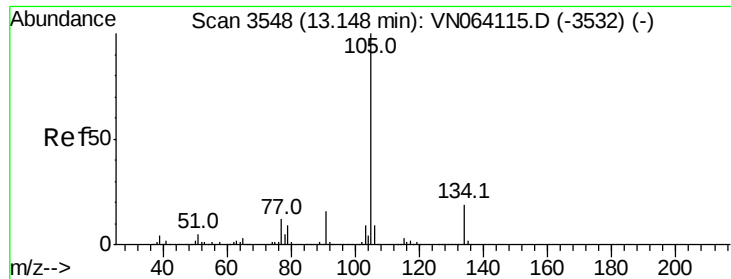
Tot Ion	Ratio	Lower	Upper
119	100		
91	70.0	32.6	98.0
134	23.8	13.0	39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.358 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064168.D
 Acq: 16 Oct 2020 16:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.8	68.4





#85

sec-Butylbenzene

Concen: 19.920 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

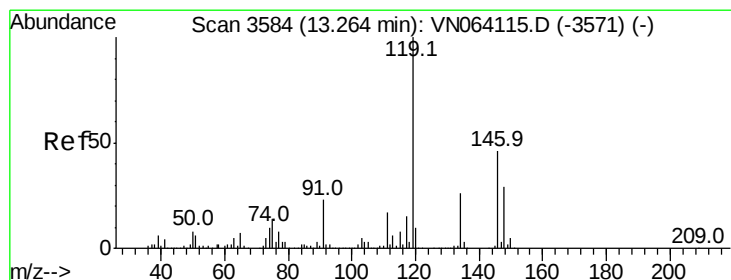
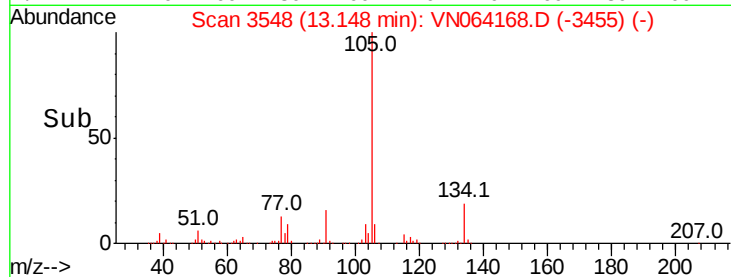
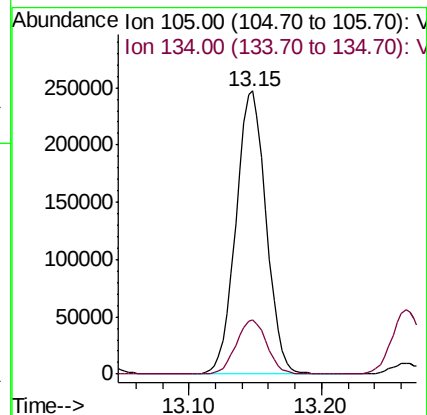
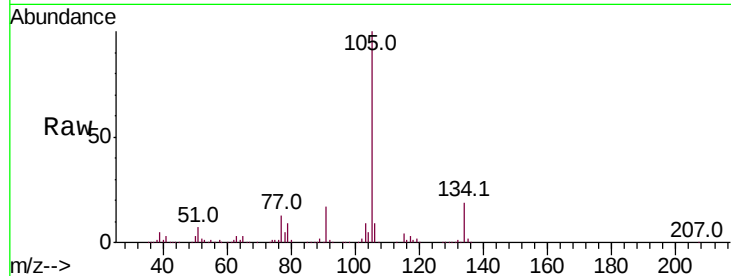
VN1016WBSD01

Tot Ion:105 Resp: 388335

Ion Ratio Lower Upper

105 100

134 19.5 9.7 29.1



#86

p-Isopropyltoluene

Concen: 19.045 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

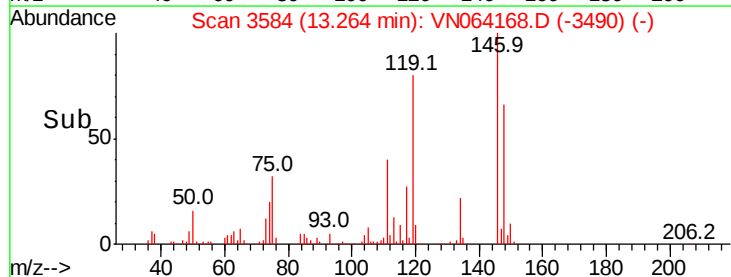
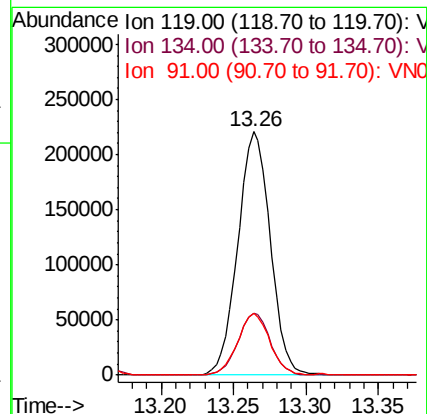
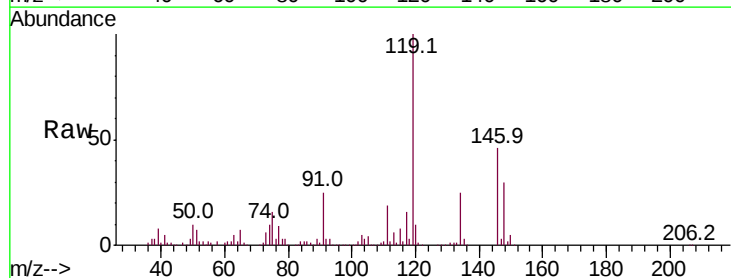
Tgt Ion:119 Resp: 343512

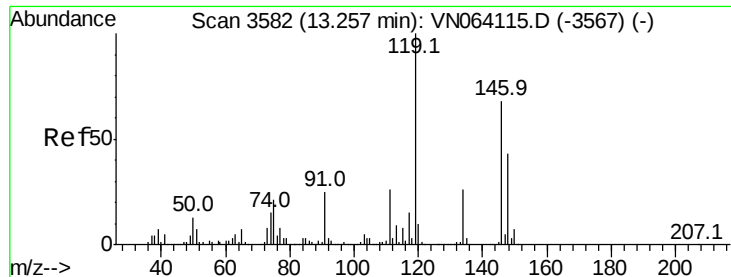
Ion Ratio Lower Upper

119 100

134 25.3 13.2 39.5

91 24.8 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 18.933 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

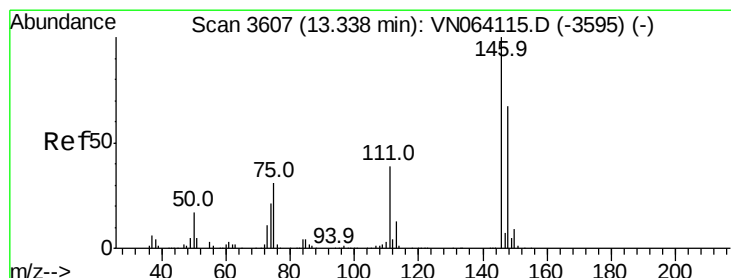
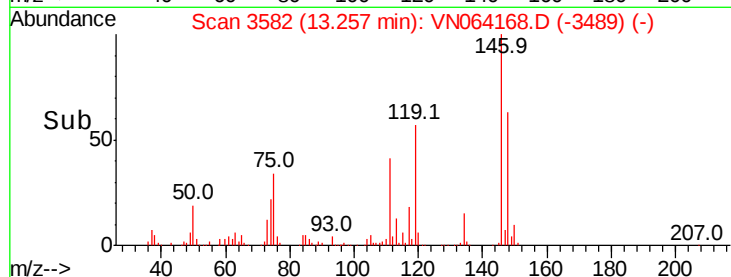
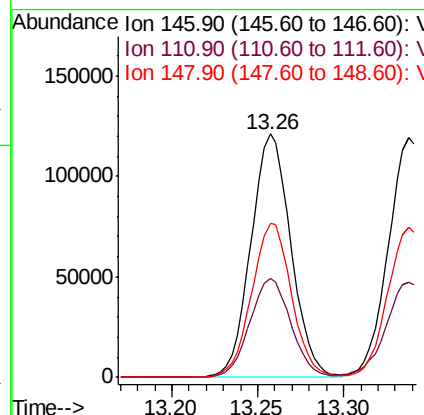
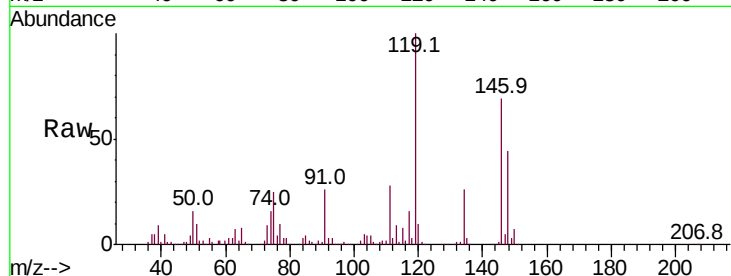
Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBSD01

Tot Ion:146 Resp: 195640

Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.7	59.1
148	63.2	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 18.674 ug/l

RT: 13.34 min Scan# 3607

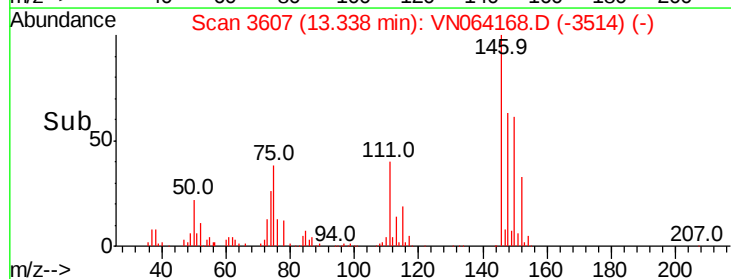
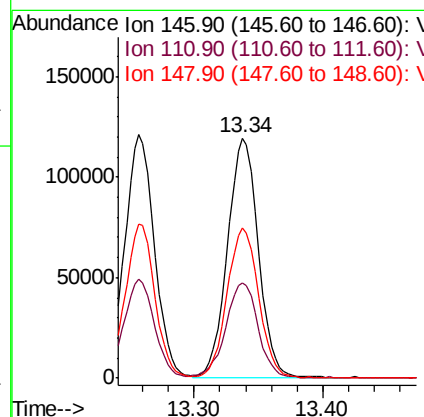
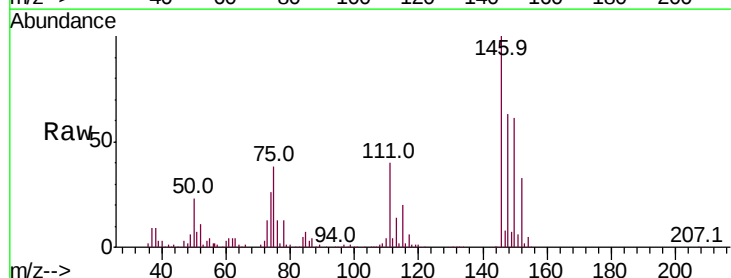
Delta R.T. 0.00 min

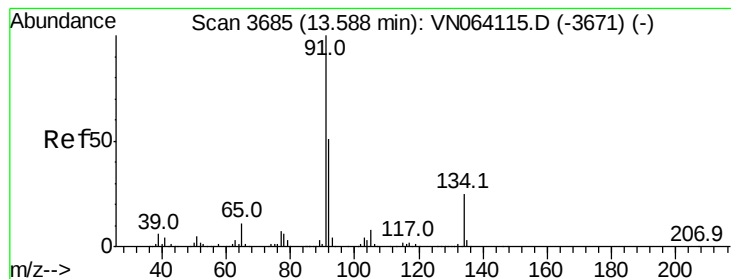
Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Tgt Ion:146 Resp: 197362

Ion	Ratio	Lower	Upper
146	100		
111	41.4	19.3	57.9
148	63.6	32.1	96.5





#89

n-Butylbenzene

Concen: 20.261 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064168.D

Acq: 16 Oct 2020 16:45

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBSD01

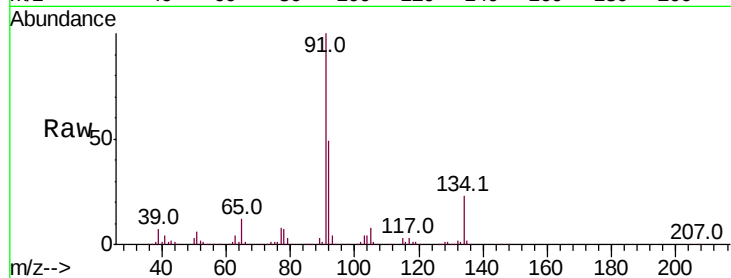
Tot Ion: 91 Resp: 287810

Ion Ratio Lower Upper

91 100

92 49.7 25.6 76.6

134 23.0 12.6 37.8

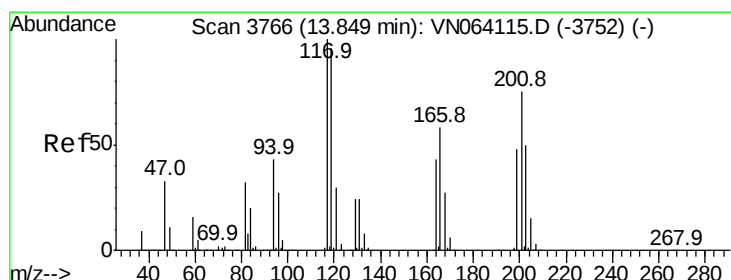
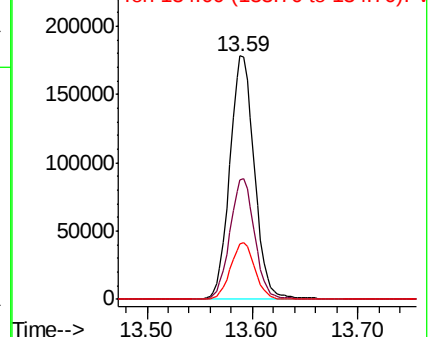
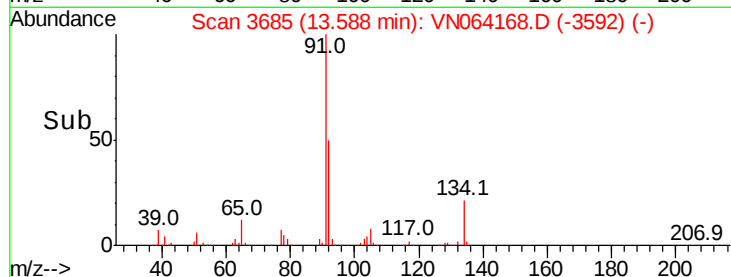


Abundance Ion 91.00 (90.70 to 91.70): VN064115.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN064115.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN064115.D (-3671) (-)

Time-->



#90

Hexachloroethane

Concen: 19.485 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064168.D

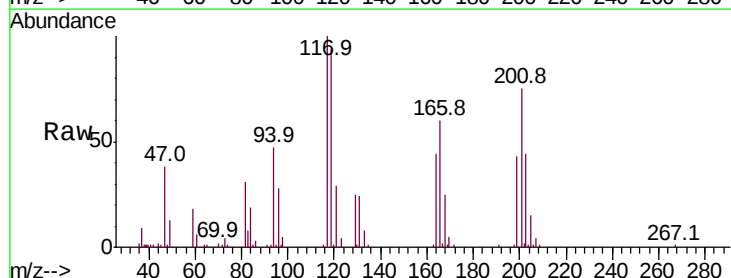
Acq: 16 Oct 2020 16:45

Tgt Ion: 117 Resp: 63218

Ion Ratio Lower Upper

117 100

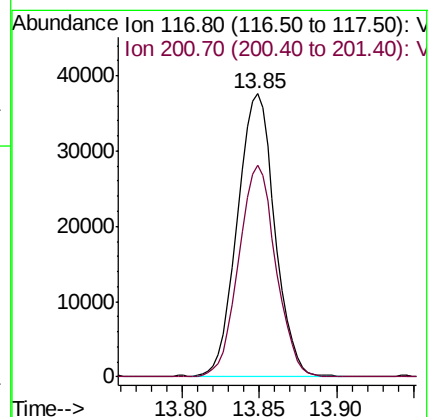
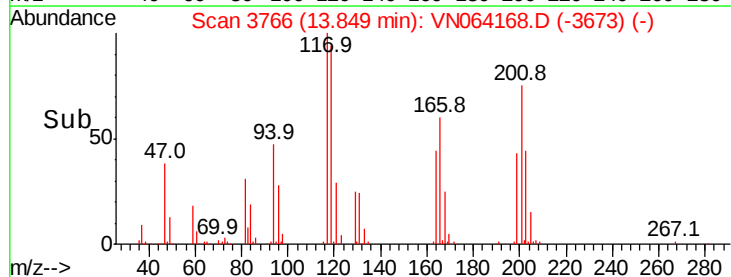
201 74.0 37.4 112.2

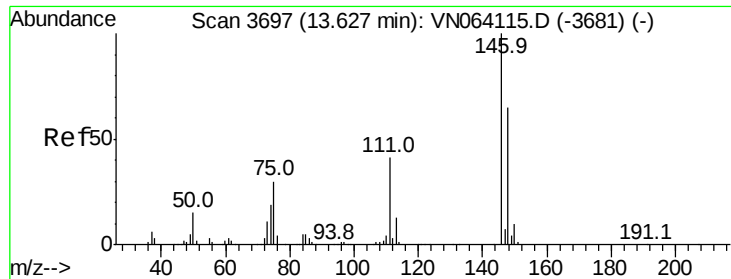


Abundance Ion 116.80 (116.50 to 117.50): VN064115.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN064115.D (-3752) (-)

Time-->

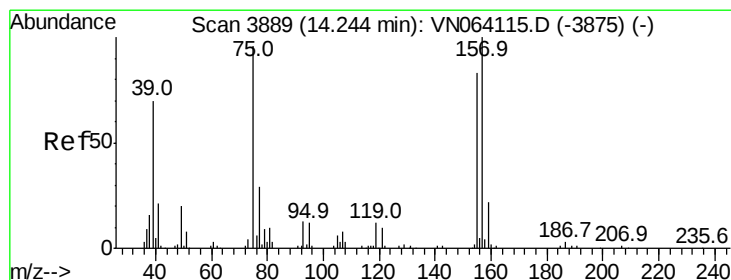
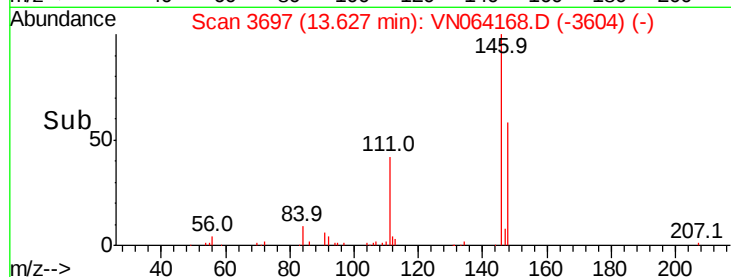
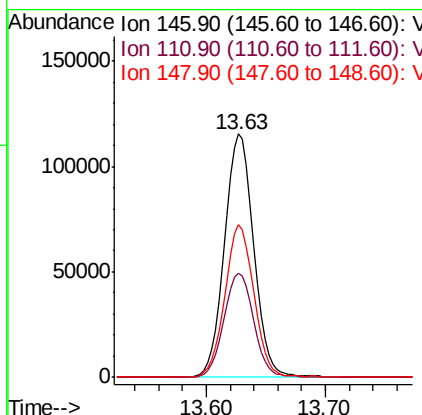
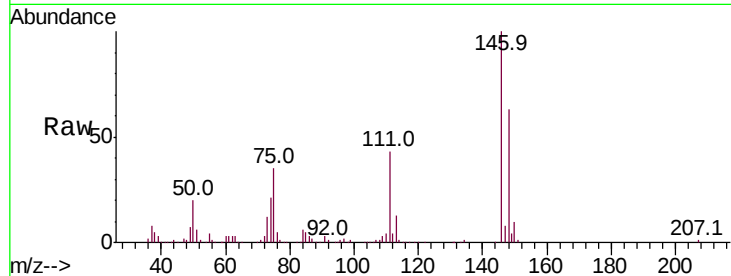




#91
 1,2-Dichlorobenzene
 Concen: 19.139 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064168.D
 Acq: 16 Oct 2020 16:45

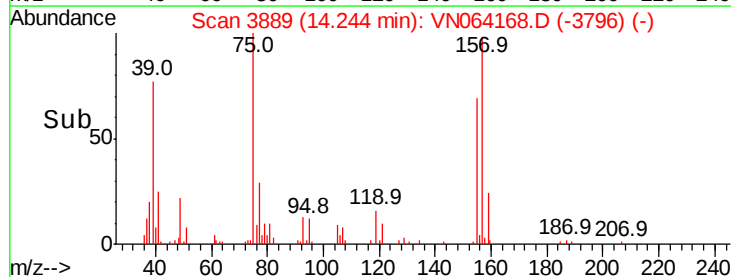
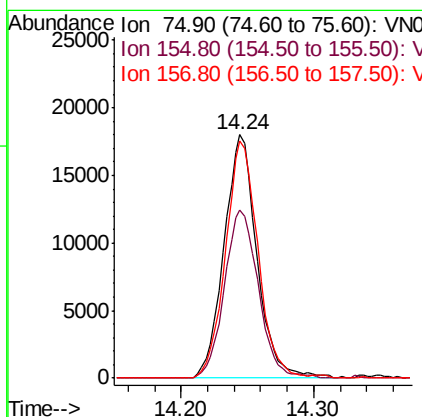
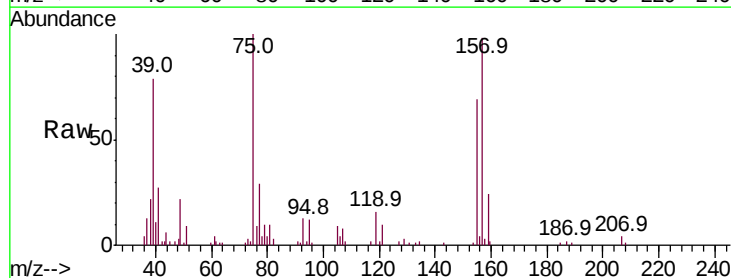
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBSD01

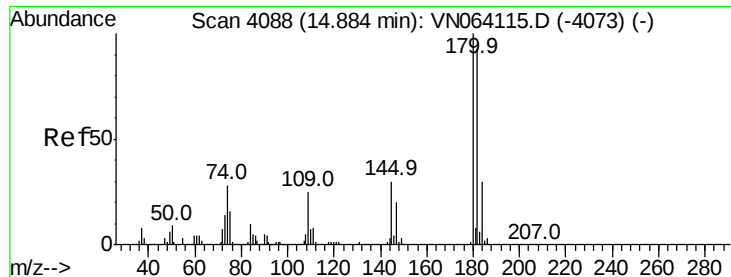
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.3	60.8
148	62.2	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.498 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064168.D
 Acq: 16 Oct 2020 16:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.2	40.8	122.2
157	95.8	53.9	161.7

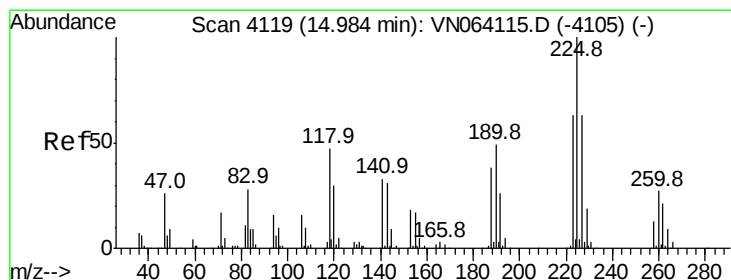
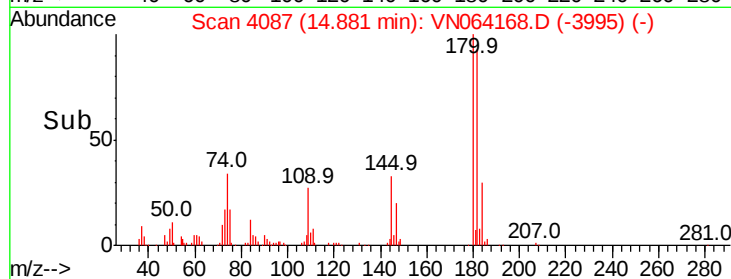
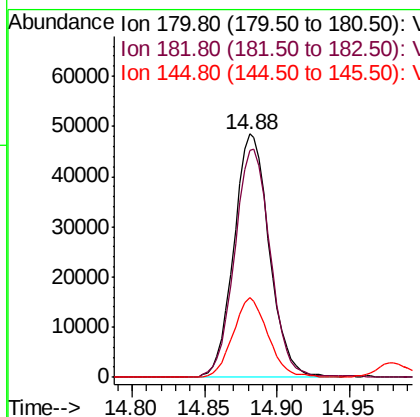
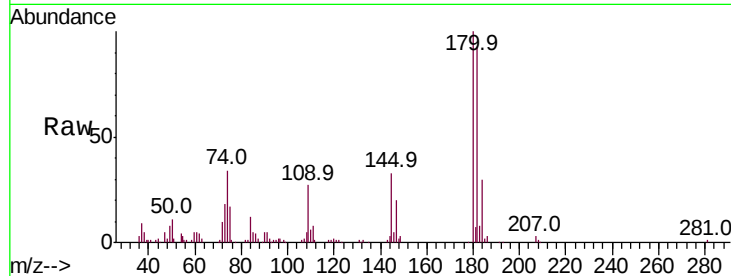




#93
 1,2,4-Trichlorobenzene
 Concen: 18.453 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064168.D
 Acq: 16 Oct 2020 16:45

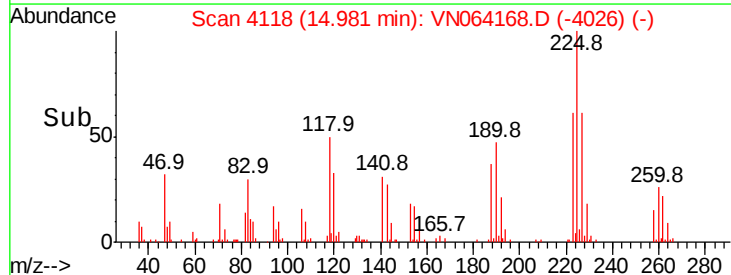
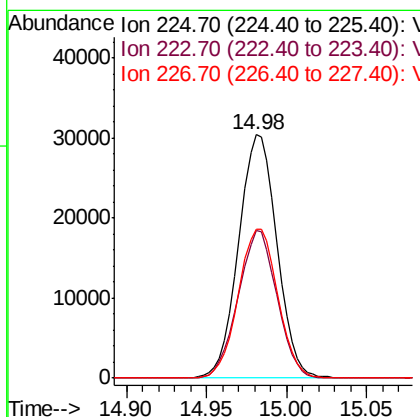
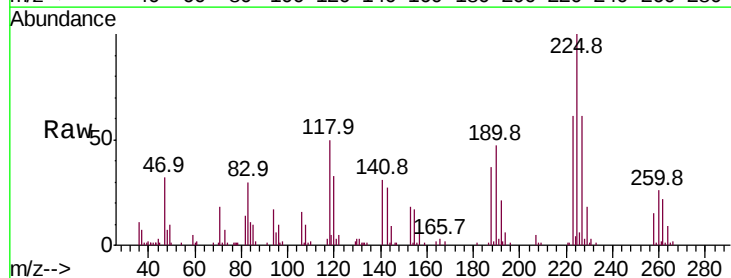
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBSD01

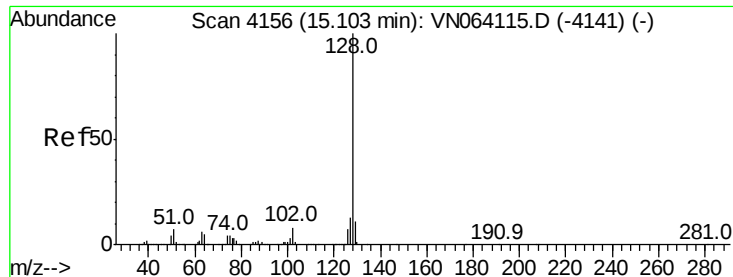
Tot Ion:180 Resp: 82368
 Ion Ratio Lower Upper
 180 100
 182 94.4 45.8 137.4
 145 32.1 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 20.278 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064168.D
 Acq: 16 Oct 2020 16:45

Tgt Ion:225 Resp: 49683
 Ion Ratio Lower Upper
 225 100
 223 61.1 32.3 96.9
 227 63.1 31.6 94.8

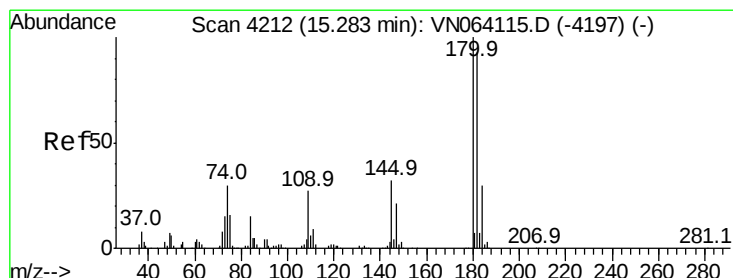
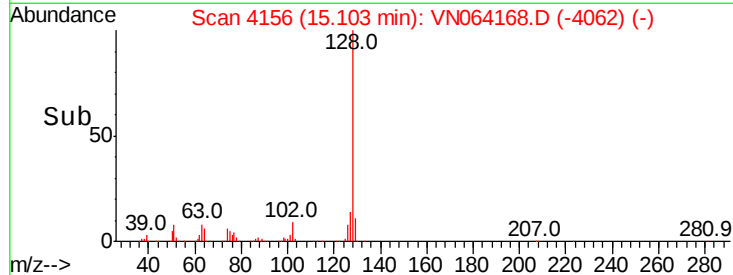
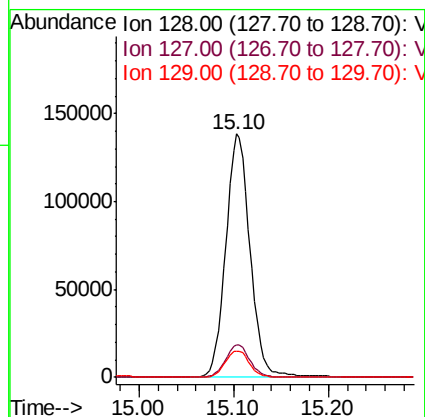
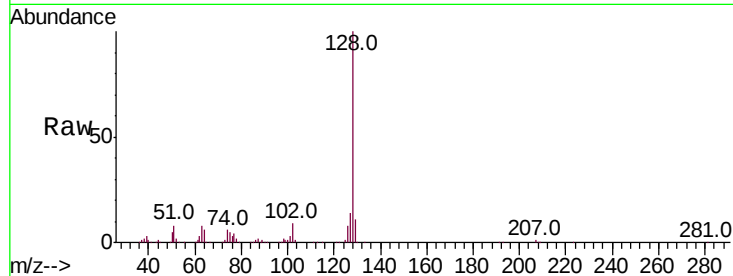




#95
Naphthalene
Concen: 18.574 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBSD01

Tot Ion:128 Resp: 246846
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 19.297 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064168.D
Acq: 16 Oct 2020 16:45

Tgt Ion:180 Resp: 87929
Ion Ratio Lower Upper
180 100
182 94.1 46.6 139.8
145 32.1 16.1 48.2

