

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101620\
 Data File : VN064165.D
 Acq On : 16 Oct 2020 15:34
 Operator : JC/MD
 Sample : VN1016WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

Quant Time: Oct 17 01:29:31 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	482813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	777695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	716232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	321383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	362970	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
35) Dibromofluoromethane	7.55	113	271859	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.06	98	1039699	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.38	95	338384	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	91283	20.067	ug/l	98
3) Chloromethane	2.03	50	121184	21.388	ug/l	100
4) Vinyl Chloride	2.16	62	131776	18.685	ug/l	99
5) Bromomethane	2.54	94	93560	17.678	ug/l	99
6) Chloroethane	2.68	64	91774	16.368	ug/l	93
7) Trichlorofluoromethane	2.99	101	179068	18.460	ug/l	98
8) Diethyl Ether	3.38	74	59147	19.490	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.72	101	98790	20.746	ug/l	98
10) Methyl Iodide	3.91	142	109036	16.242	ug/l	99
11) Tert butyl alcohol	4.75	59	81236	106.698	ug/l	99
12) 1,1-Dichloroethene	3.70	96	88389	18.381	ug/l	94
13) Acrolein	3.57	56	9877	15.794	ug/l	93
14) Allyl chloride	4.28	41	158793	21.164	ug/l	96
15) Acrylonitrile	4.94	53	232672	106.434	ug/l	100
16) Acetone	3.79	43	251369	123.243	ug/l	96
17) Carbon Disulfide	4.02	76	268919	19.566	ug/l	98
18) Methyl Acetate	4.28	43	116665	22.802	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	279054	19.674	ug/l	95
20) Methylene Chloride	4.51	84	117483	18.615	ug/l	92
21) trans-1,2-Dichloroethene	5.00	96	102005	18.710	ug/l	94
22) Diisopropyl ether	5.90	45	328663	22.549	ug/l	88
23) Vinyl Acetate	5.85	43	1451276	111.467	ug/l	95
24) 1,1-Dichloroethane	5.80	63	208230	20.457	ug/l	99
25) 2-Butanone	6.79	43	362469	115.541	ug/l	96
26) 2,2-Dichloropropane	6.78	77	171288	20.227	ug/l	97
27) cis-1,2-Dichloroethene	6.79	96	117291	18.288	ug/l	93
28) Bromochloromethane	7.15	49	112338	23.171	ug/l #	98
29) Tetrahydrofuran	7.17	42	209949	114.509	ug/l	90
30) Chloroform	7.33	83	208810	19.256	ug/l	100
31) Cyclohexane	7.62	56	149537	19.672	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	180068	19.217	ug/l	97
36) 1,1-Dichloropropene	7.76	75	152969	20.407	ug/l	98
37) Ethyl Acetate	6.89	43	142836	21.471	ug/l	98
38) Carbon Tetrachloride	7.74	117	155987	19.352	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	125672	19.942	ug/l	91
40) Benzene	8.01	78	459037	20.222	ug/l	100
41) Methacrylonitrile	7.13	41	63895	22.185	ug/l #	71
42) 1,2-Dichloroethane	8.09	62	173029	21.423	ug/l	99
43) Isopropyl Acetate	8.13	43	241734	21.898	ug/l #	88
44) Trichloroethene	8.80	130	116319	19.487	ug/l	96
45) 1,2-Dichloropropane	9.09	63	128381	21.586	ug/l	98
46) Dibromomethane	9.18	93	82583	19.572	ug/l	96
47) Bromodichloromethane	9.37	83	169328	20.511	ug/l	99
48) Methyl methacrylate	9.17	41	116274	22.802	ug/l	94
49) 1,4-Dioxane	9.17	88	31529	407.190	ug/l	91
51) 4-Methyl-2-Pentanone	9.95	43	765329	117.161	ug/l	96
52) Toluene	10.13	92	280885	20.138	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	173274	20.457	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	191630	20.590	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	112467	19.464	ug/l	98
56) Ethyl methacrylate	10.40	69	146801	19.027	ug/l	89
57) 1,3-Dichloropropane	10.68	76	191706	20.146	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	420411	106.129	ug/l	96
59) 2-Hexanone	10.72	43	548422	112.483	ug/l	94
60) Dibromochloromethane	10.87	129	119008	18.335	ug/l	98
61) 1,2-Dibromoethane	10.98	107	112665	19.156	ug/l	99
64) Tetrachloroethene	10.60	164	105861	19.604	ug/l	97
65) Chlorobenzene	11.41	112	292305	19.380	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	110011	19.211	ug/l	99
67) Ethyl Benzene	11.49	91	503393	19.924	ug/l	99
68) m/p-Xylenes	11.60	106	381014	37.971	ug/l	98
69) o-Xylene	11.92	106	173923	18.481	ug/l	98
70) Styrene	11.94	104	297952	18.667	ug/l	98
71) Bromoform	12.10	173	79598	18.261	ug/l #	98
73) Isopropylbenzene	12.23	105	456455	19.608	ug/l	100
74) N-amyl acetate	12.05	43	189566	21.744	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	155477	19.398	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	204743	27.155	ug/l #	100
77) Bromobenzene	12.50	156	114511	18.119	ug/l	85
78) n-propylbenzene	12.57	91	537835	20.700	ug/l	98
79) 2-Chlorotoluene	12.65	91	323377	19.569	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	380385	20.357	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	50964	20.651	ug/l	93
82) 4-Chlorotoluene	12.75	91	338520	20.325	ug/l	99
83) tert-Butylbenzene	12.97	119	303025	19.609	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	384060	19.832	ug/l	98
85) sec-Butylbenzene	13.15	105	405186	20.396	ug/l	99
86) p-Isopropyltoluene	13.26	119	351423	19.117	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	202946	19.273	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	203007	18.849	ug/l	98
89) n-Butylbenzene	13.59	91	302135	20.872	ug/l	97
90) Hexachloroethane	13.85	117	63722	19.274	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	200606	19.141	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29205	18.932	ug/l	94

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QLast Update : Thu Oct 15 01:16:44 2020
Response via : Initial Calibration

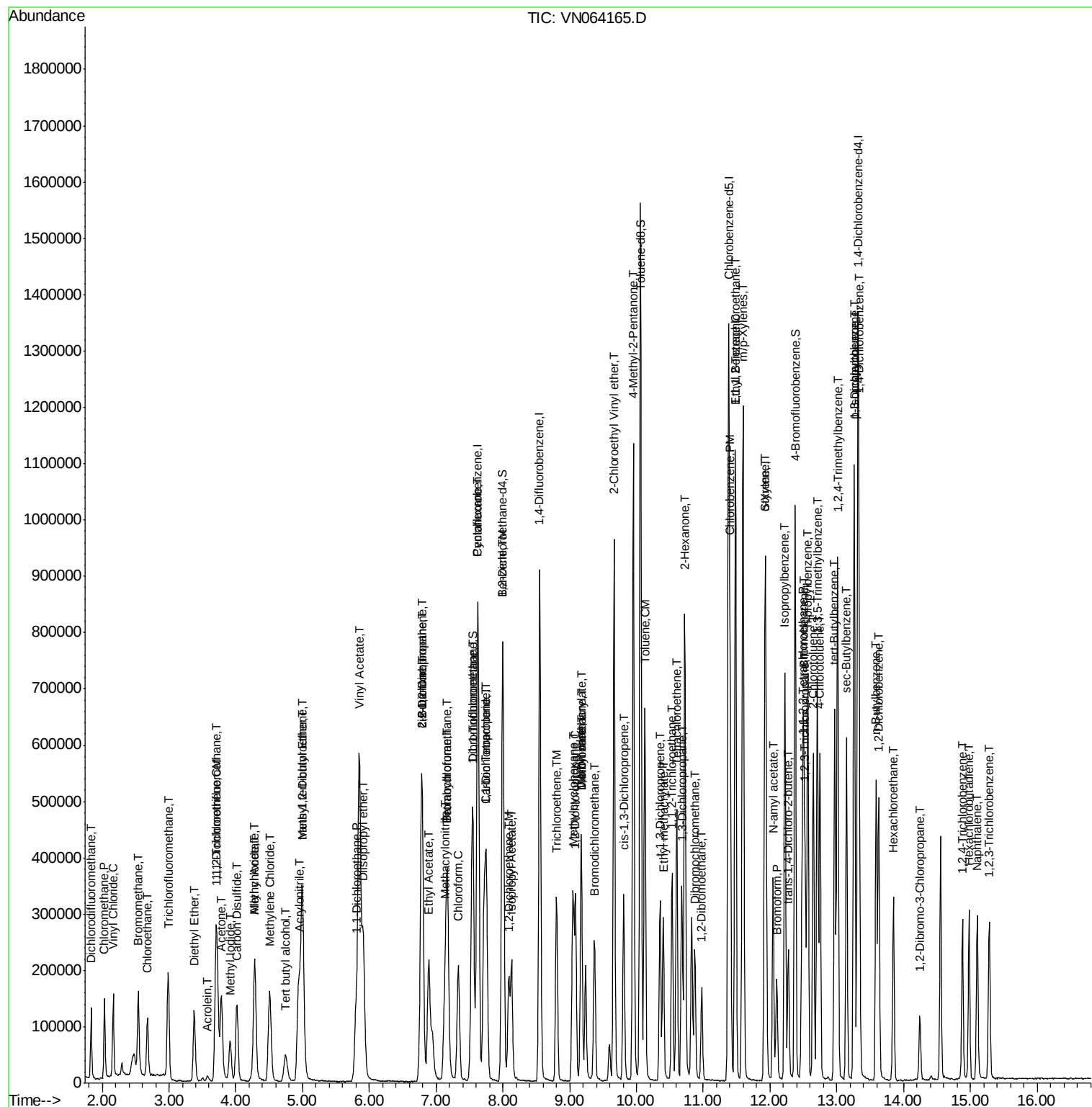
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	87209	19.048	ug/l	99
94) Hexachlorobutadiene	14.98	225	51822	20.756	ug/l	96
95) Naphthalene	15.10	128	246656	18.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	88351	19.067	ug/l	96

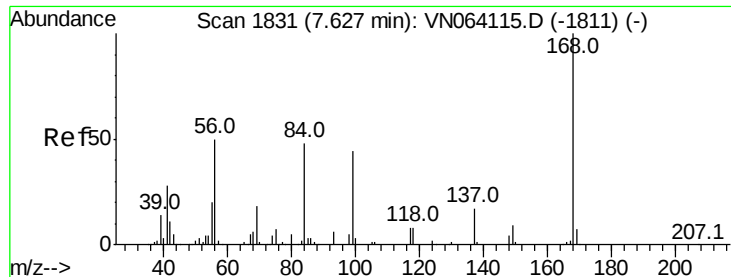
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

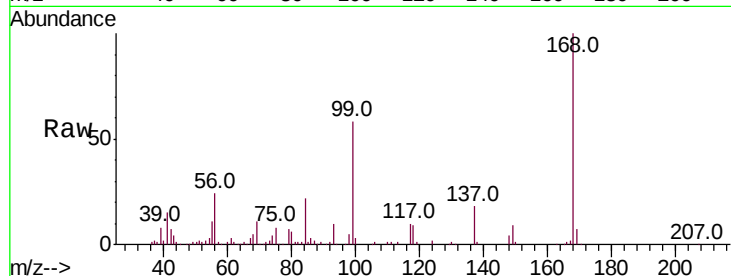
VN1016WBS01

Tot Ion:168 Resp: 482813

Ion Ratio Lower Upper

168 100

99 57.6 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

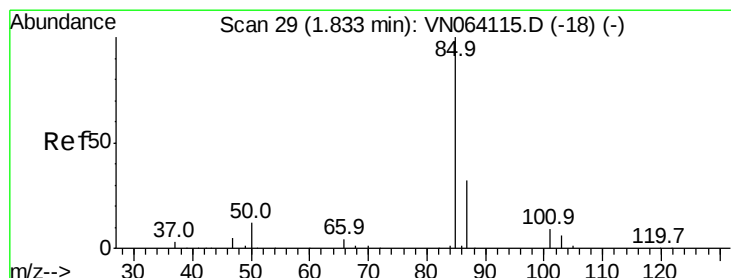
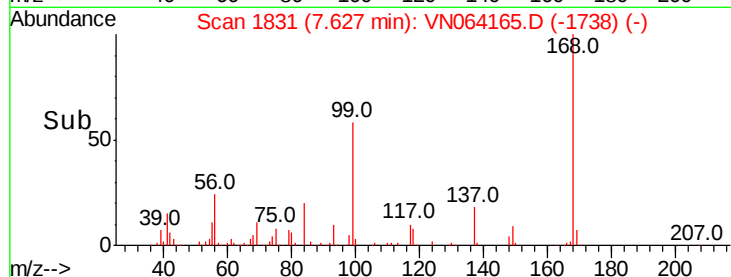
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50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.067 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064165.D

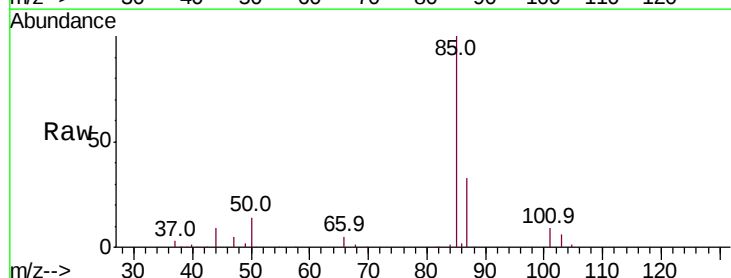
Acq: 16 Oct 2020 15:34

Tgt Ion: 85 Resp: 91283

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

60000

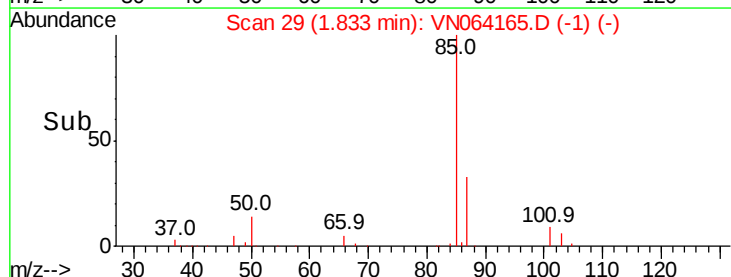
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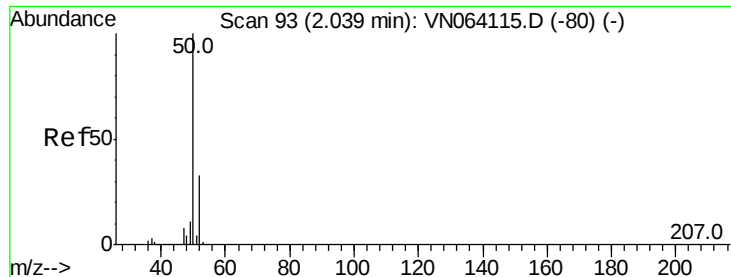
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 21.388 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.01 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

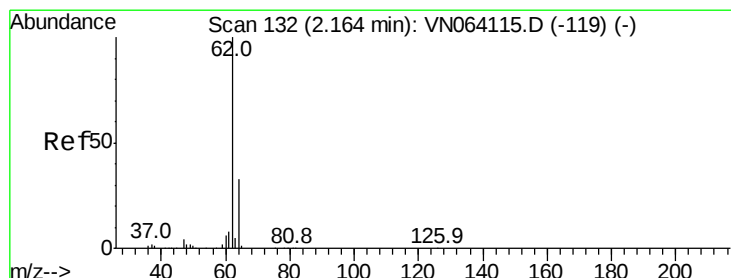
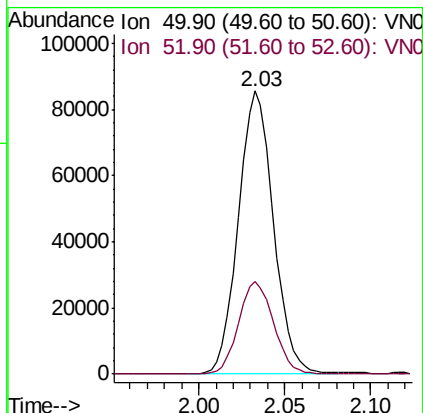
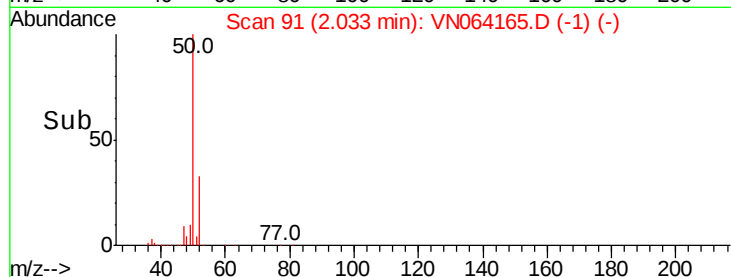
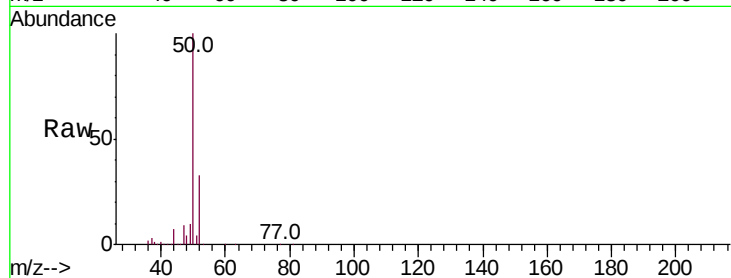
VN1016WBS01

Tot Ion: 50 Resp: 121184

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



#4

Vinyl Chloride

Concen: 18.685 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064165.D

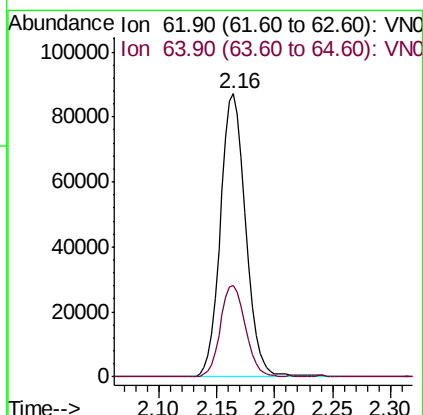
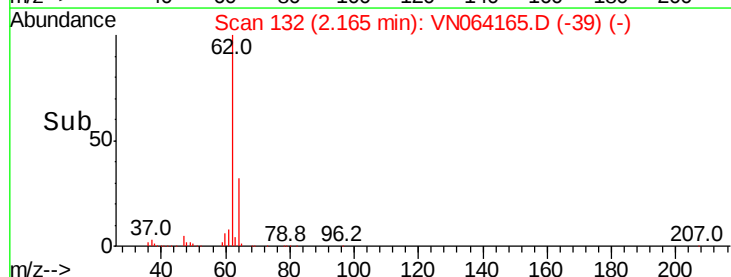
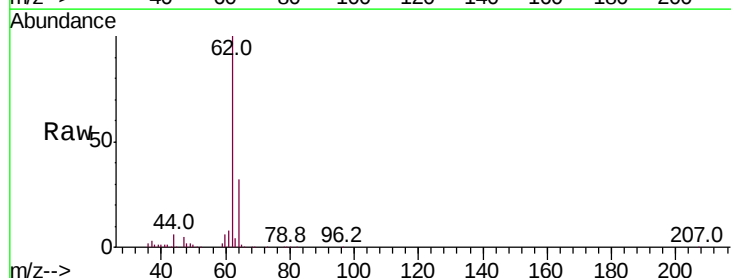
Acq: 16 Oct 2020 15:34

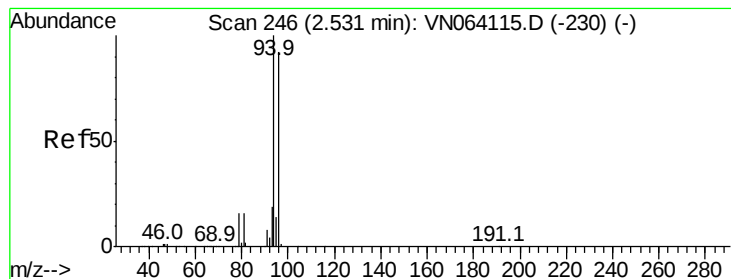
Tgt Ion: 62 Resp: 131776

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.4





#5

Bromomethane

Concen: 17.678 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

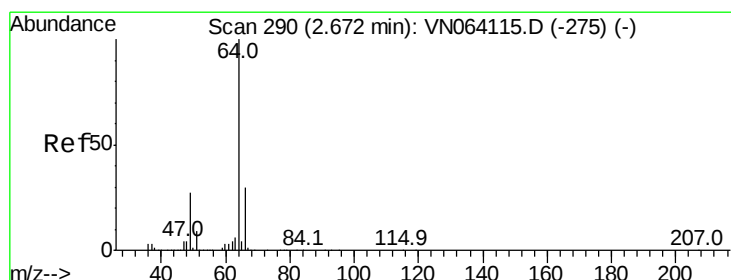
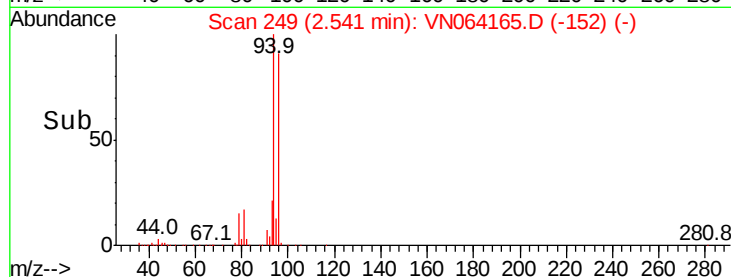
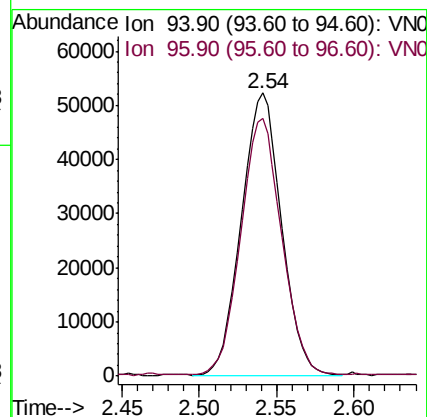
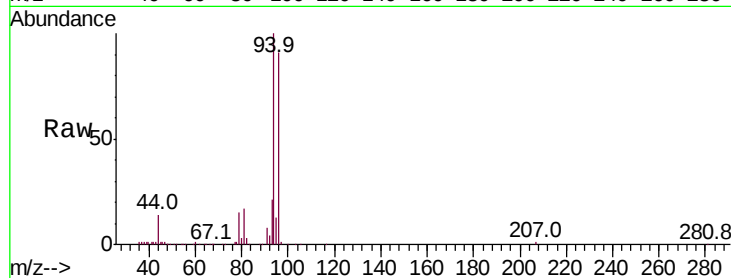
VN1016WBS01

Tot Ion: 94 Resp: 93560

Ion Ratio Lower Upper

94 100

96 90.8 73.5 110.3



#6

Chloroethane

Concen: 16.368 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064165.D

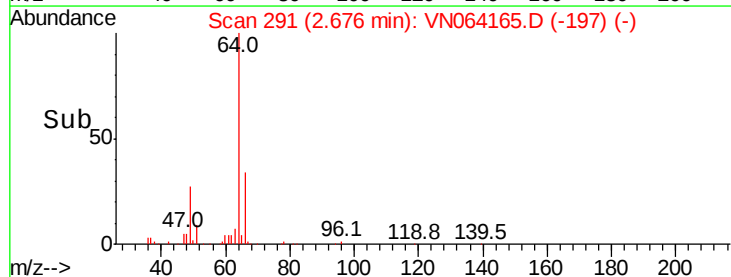
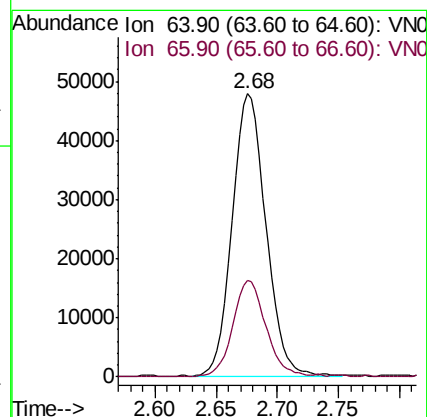
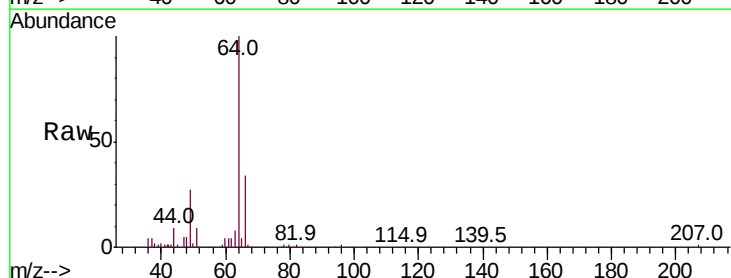
Acq: 16 Oct 2020 15:34

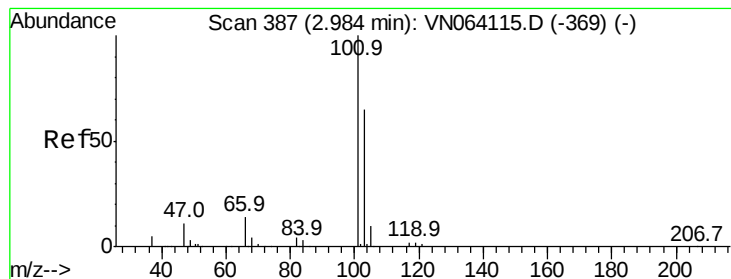
Tgt Ion: 64 Resp: 91774

Ion Ratio Lower Upper

64 100

66 34.0 24.2 36.2



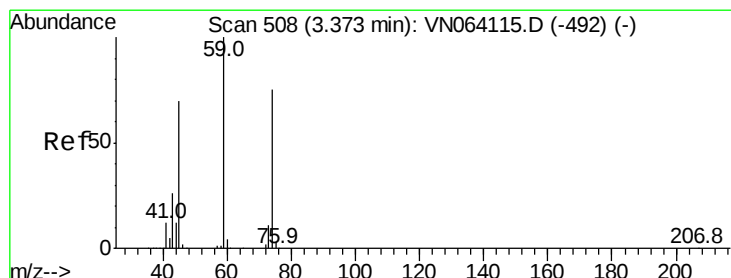
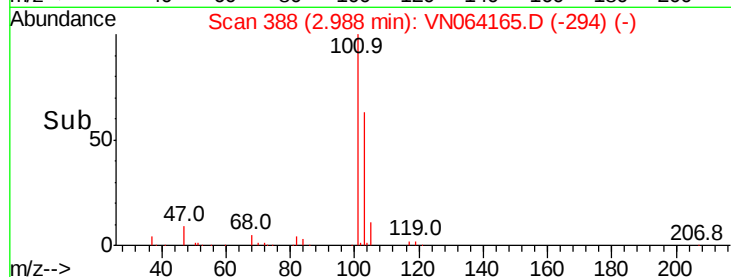
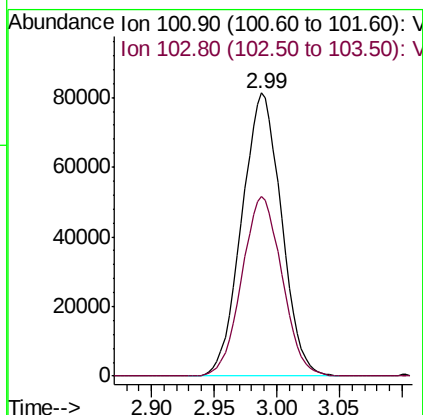
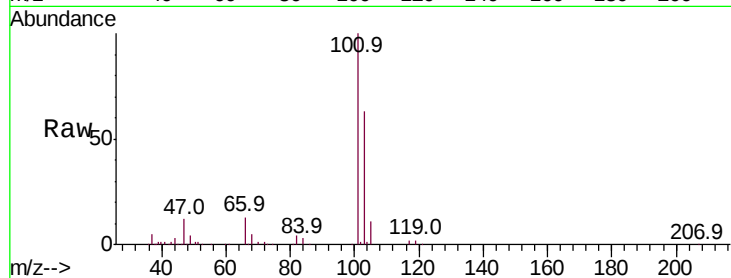


#7

Trichlorofluoromethane
 Concen: 18.460 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064165.D
 Acq: 16 Oct 2020 15:34

Instrument :
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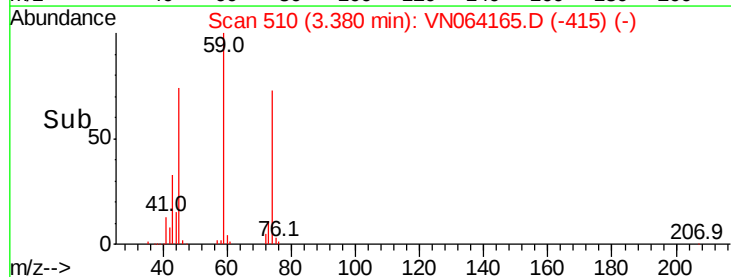
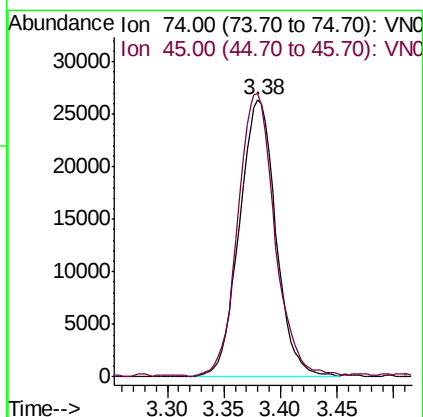
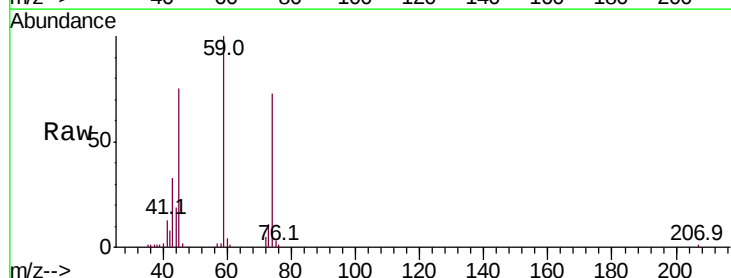
Tot Ion:101 Resp: 179068
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.8 77.6

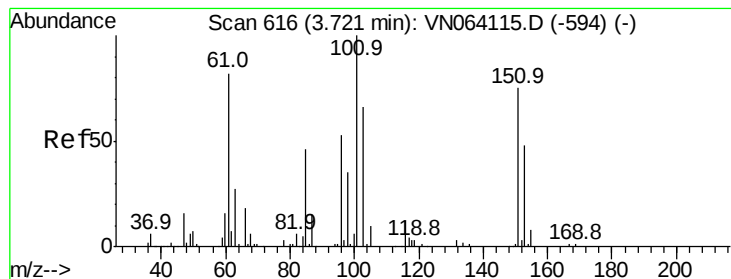


#8

Diethyl Ether
 Concen: 19.490 ug/l
 RT: 3.38 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: VN064165.D
 Acq: 16 Oct 2020 15:34

Tgt Ion: 74 Resp: 59147
 Ion Ratio Lower Upper
 74 100
 45 104.3 47.0 141.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.746 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

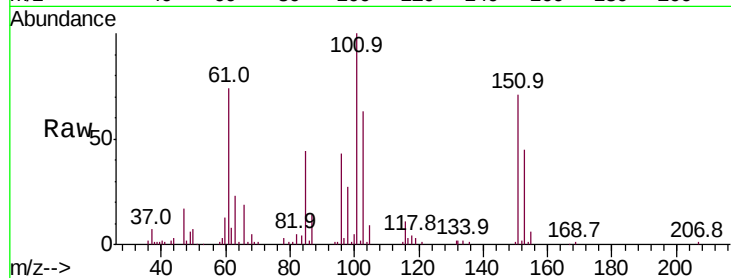
Tot Ion:101 Resp: 98790

Ion Ratio Lower Upper

101 100

85 46.1 36.9 55.3

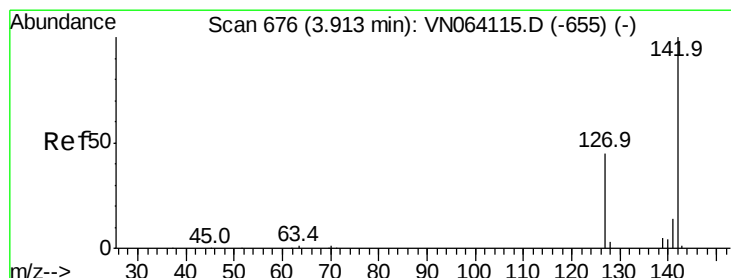
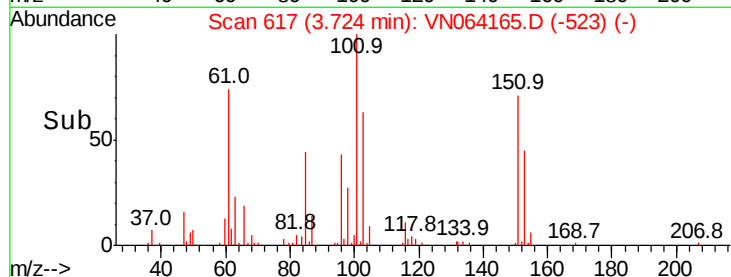
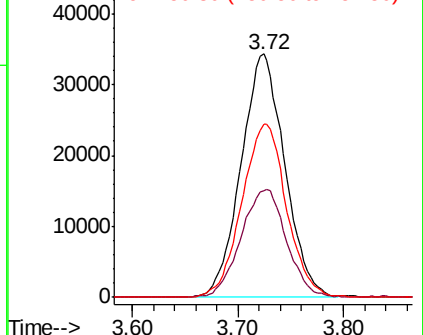
151 72.7 60.7 91.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.242 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

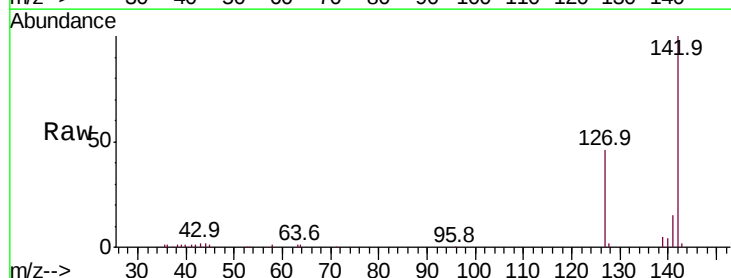
Tgt Ion:142 Resp: 109036

Ion Ratio Lower Upper

142 100

127 46.0 36.3 54.5

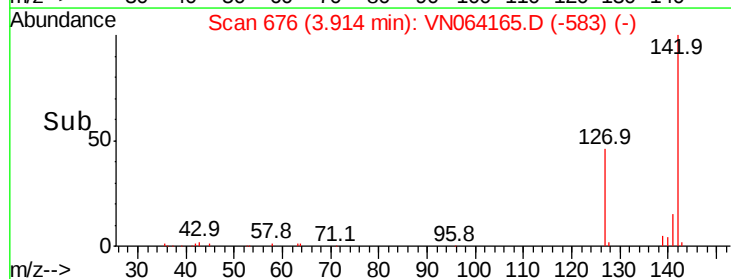
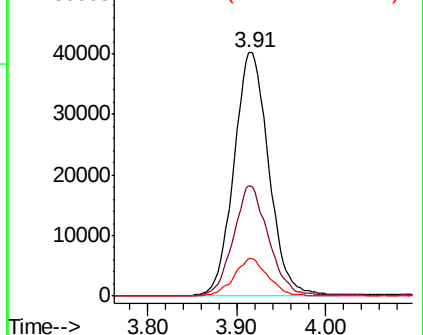
141 15.0 11.6 17.4

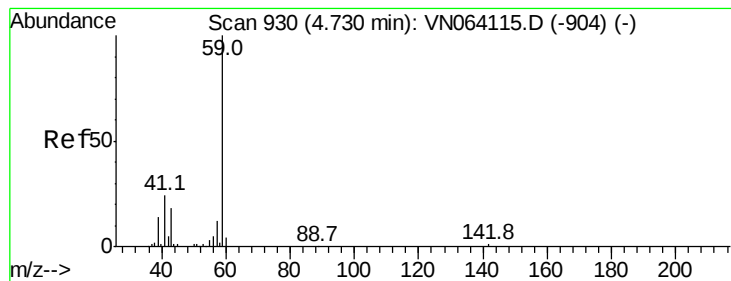


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 106.698 ug/l

RT: 4.75 min Scan# 936

Delta R.T. 0.02 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

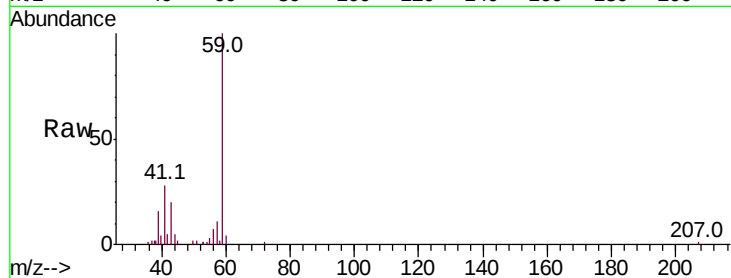
VN1016WBS01

Tot Ion: 59 Resp: 81236

Ion Ratio Lower Upper

59 100

57 10.8 8.9 13.3



Abundance Ion 59.00 (58.70 to 59.70): VN064165.D (-904) (-)

Ion 57.00 (56.70 to 57.70): VN064165.D (-904) (-)

4.75

25000

20000

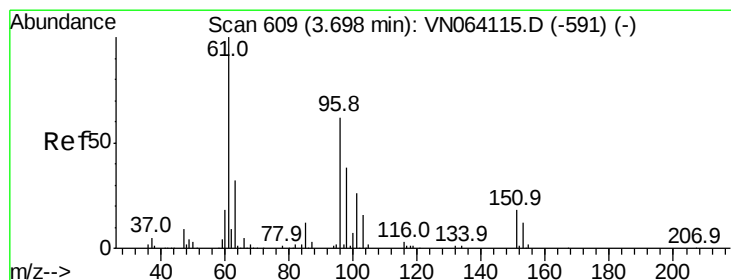
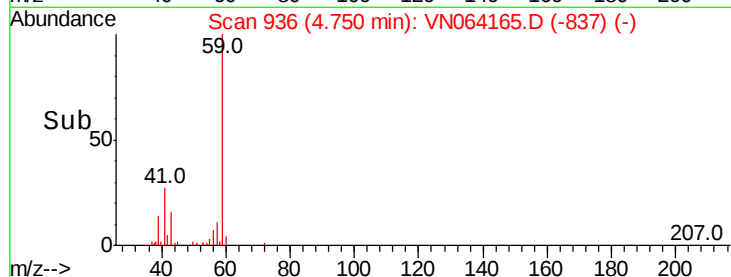
15000

10000

5000

0

Time--> 4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 18.381 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

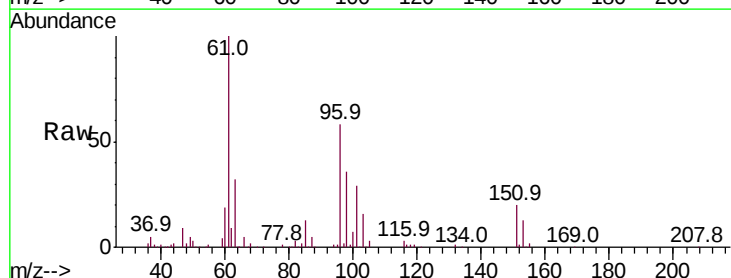
Tgt Ion: 96 Resp: 88389

Ion Ratio Lower Upper

96 100

61 172.5 129.9 194.9

98 62.6 48.9 73.3



Abundance Ion 95.90 (95.60 to 96.60): VN064165.D (-516) (-)

Ion 60.90 (60.60 to 61.60): VN064165.D (-516) (-)

Ion 97.90 (97.60 to 98.60): VN064165.D (-516) (-)

80000

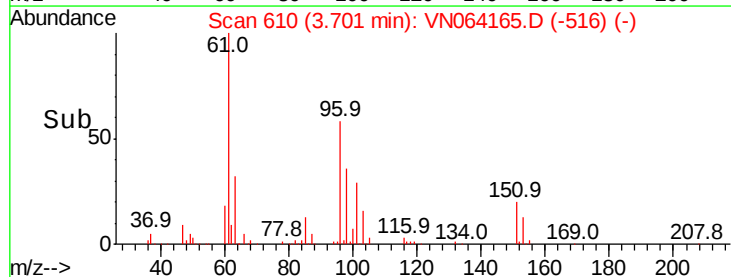
60000

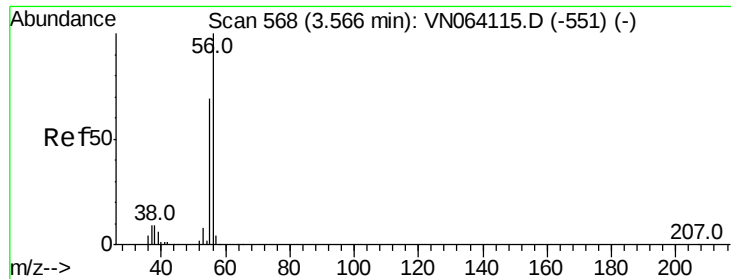
40000

20000

0

Time--> 3.60 3.70 3.80





#13

Acrolein

Concen: 15.794 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

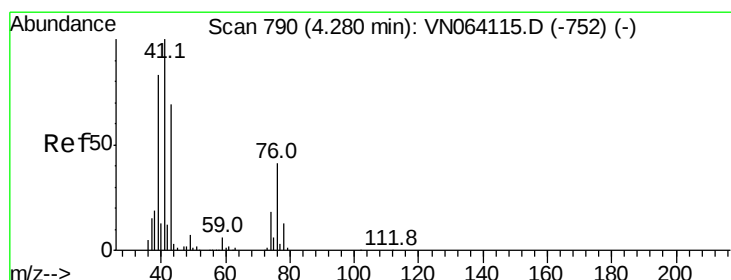
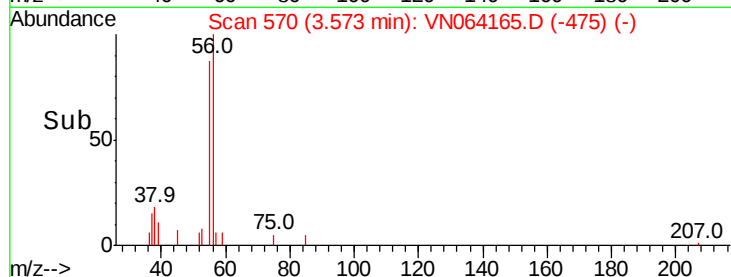
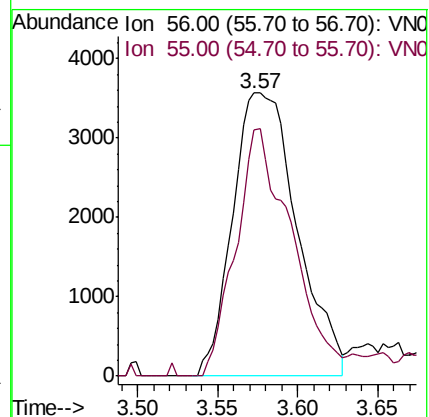
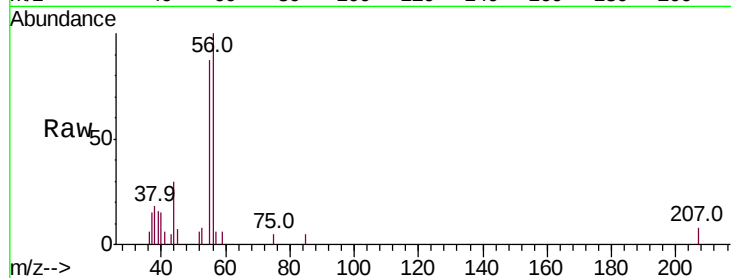
VN1016WBS01

Tot Ion: 56 Resp: 9877

Ion Ratio Lower Upper

56 100

55 75.5 55.8 83.6



#14

Allyl chloride

Concen: 21.164 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

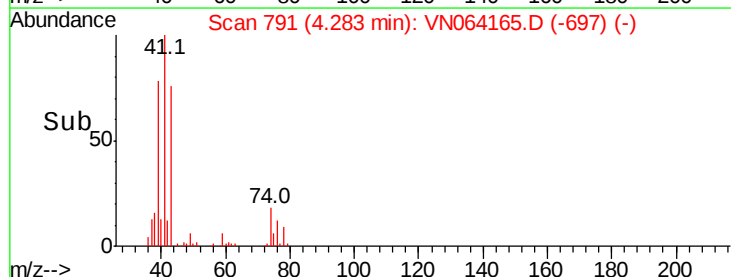
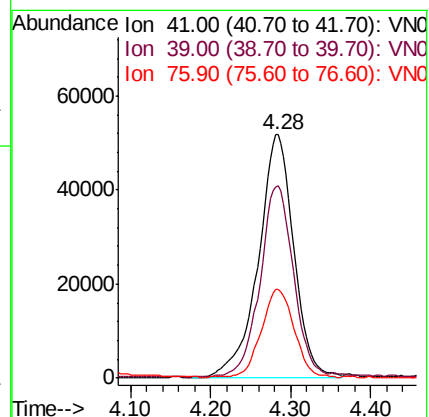
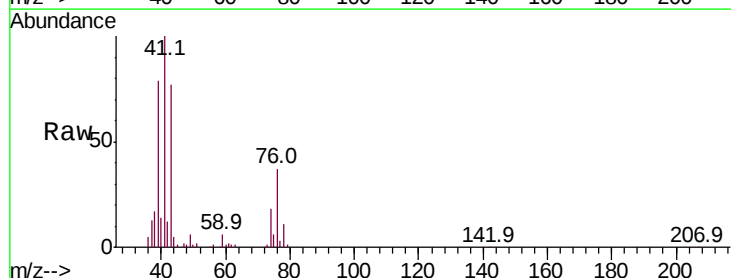
Tgt Ion: 41 Resp: 158793

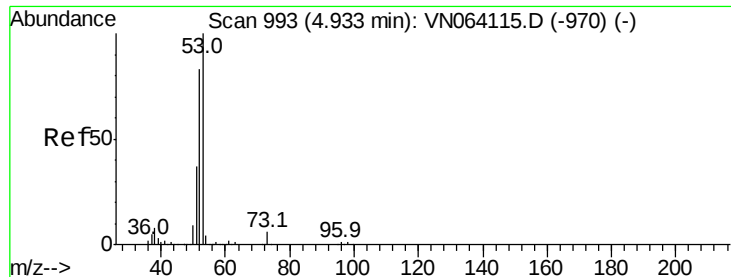
Ion Ratio Lower Upper

41 100

39 73.6 60.5 90.7

76 32.9 29.5 44.3





#15

Acrylonitrile

Concen: 106.434 ug/l

RT: 4.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

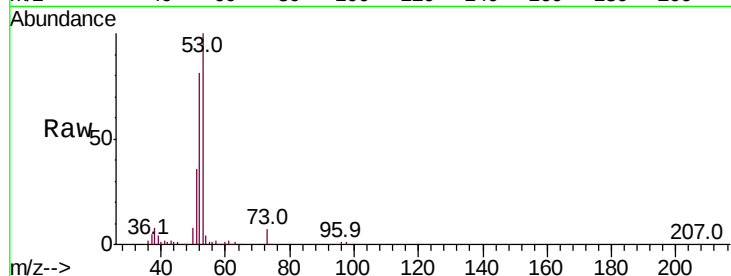
Tot Ion: 53 Resp: 232672

Ion Ratio Lower Upper

53 100

52 82.1 65.8 98.6

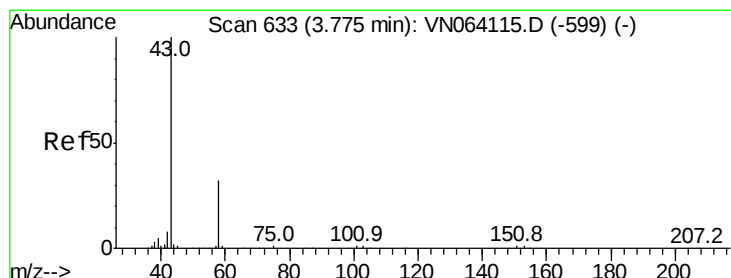
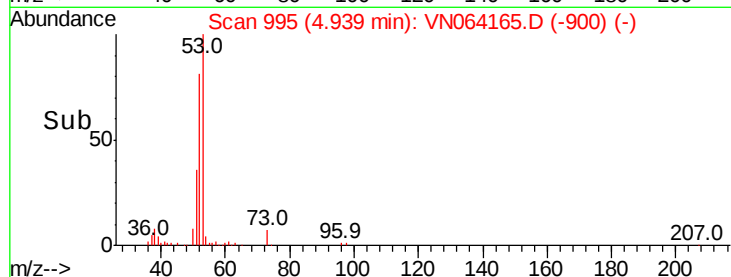
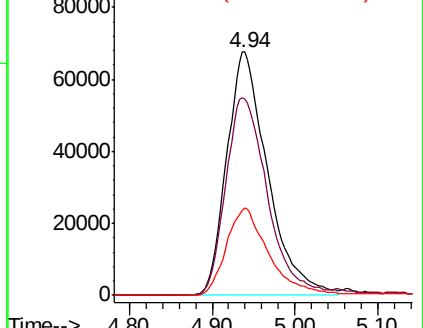
51 36.9 29.4 44.2



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: 123.243 ug/l

RT: 3.79 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064165.D

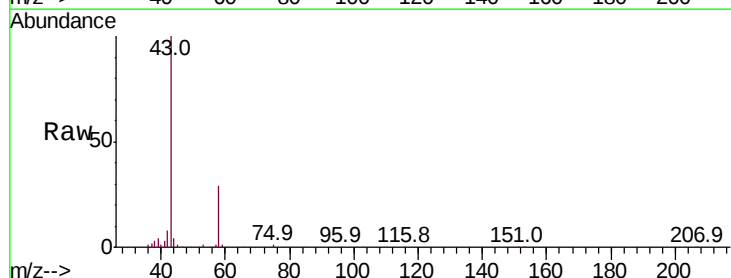
Acq: 16 Oct 2020 15:34

Tgt Ion: 43 Resp: 251369

Ion Ratio Lower Upper

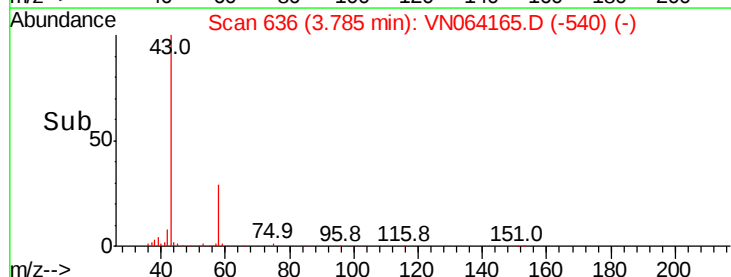
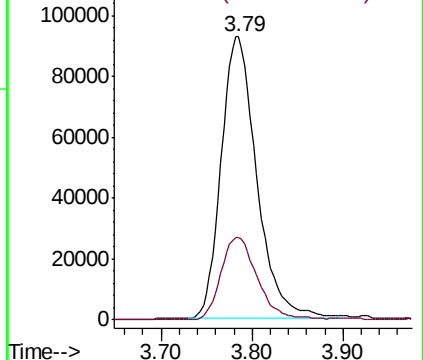
43 100

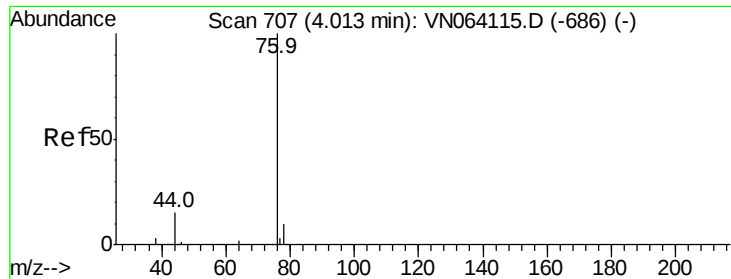
58 29.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

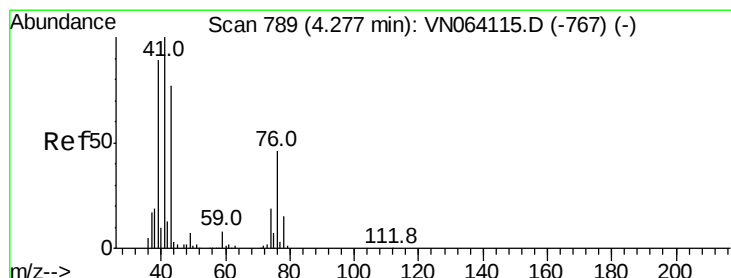
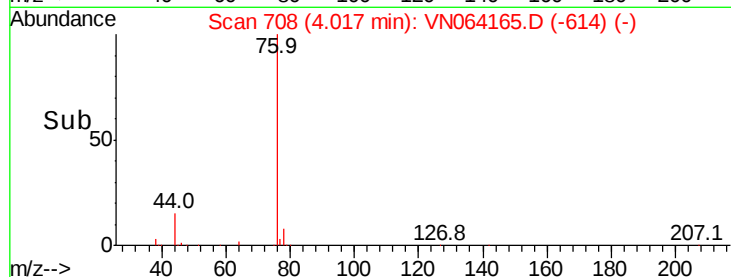
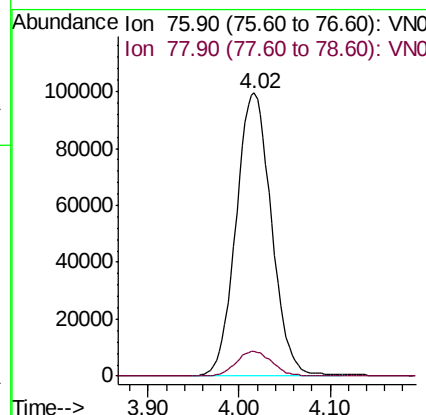
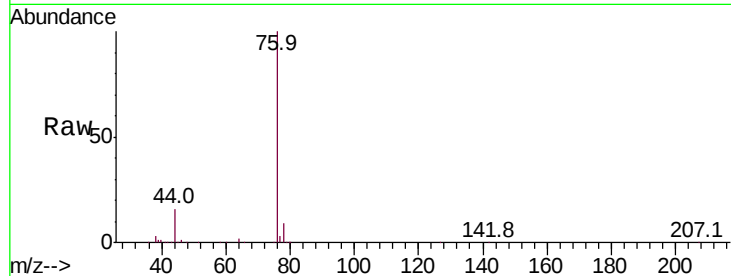




#17
Carbon Disulfide
Concen: 19.566 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

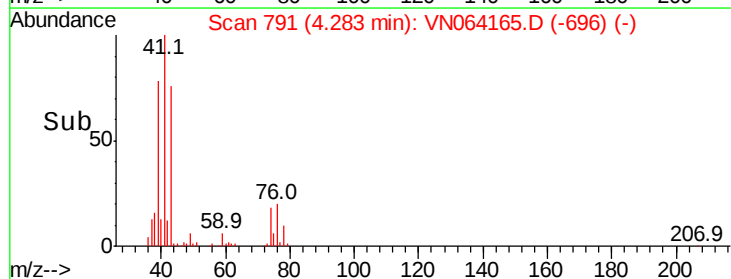
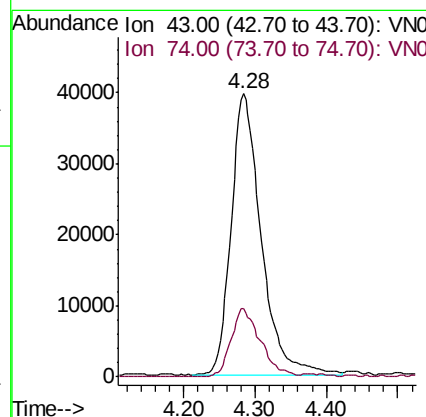
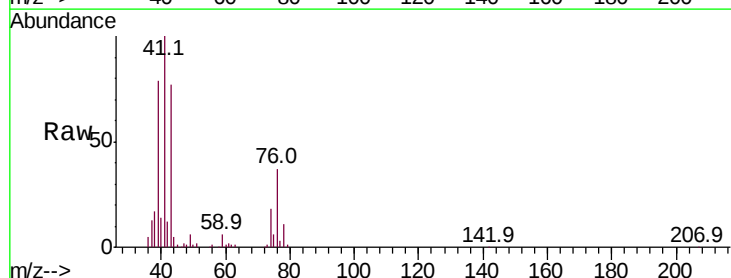
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

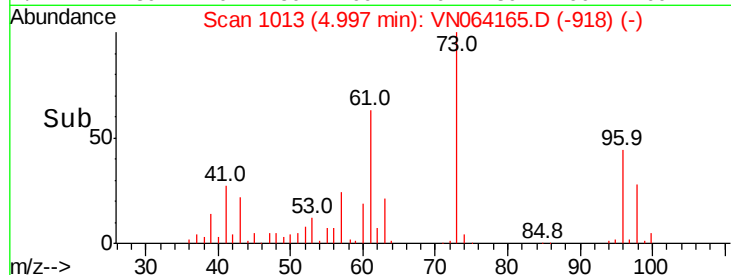
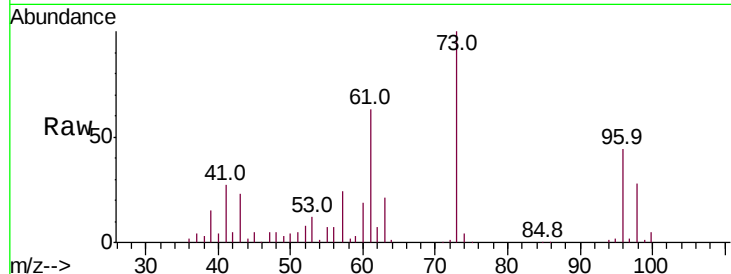
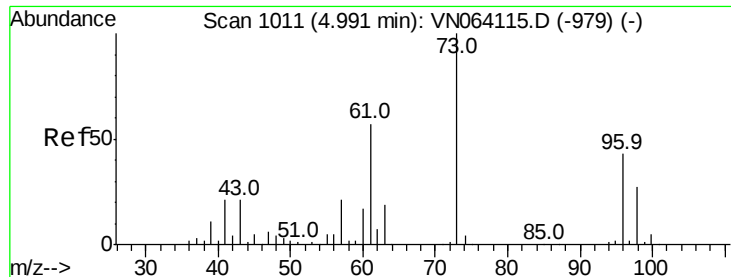
Tot Ion: 76 Resp: 268919
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 22.802 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion: 43 Resp: 116665
Ion Ratio Lower Upper
43 100
74 23.6 19.7 29.5



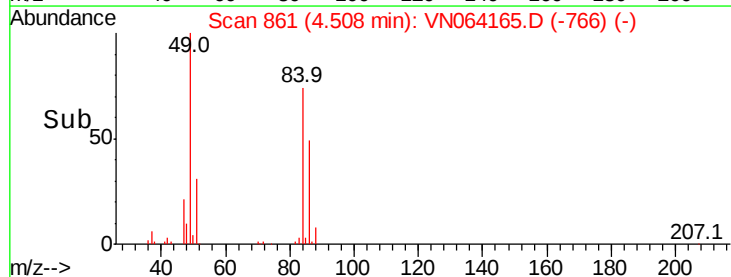
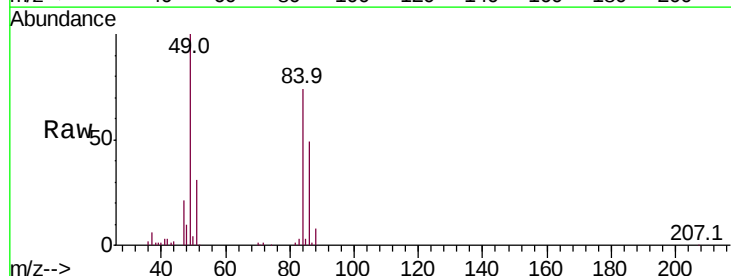
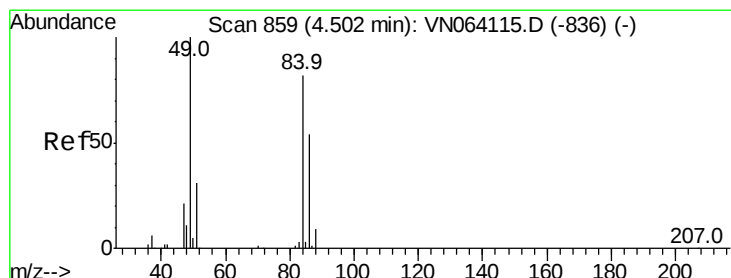
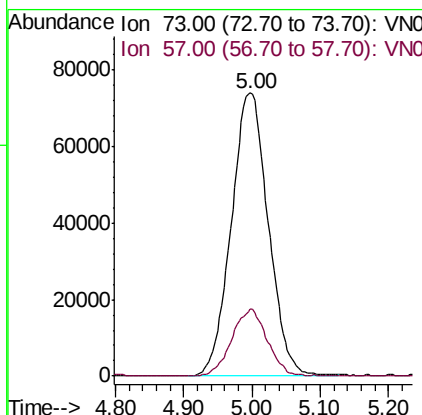


#19

Methyl tert-butyl Ether
Concen: 19.674 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

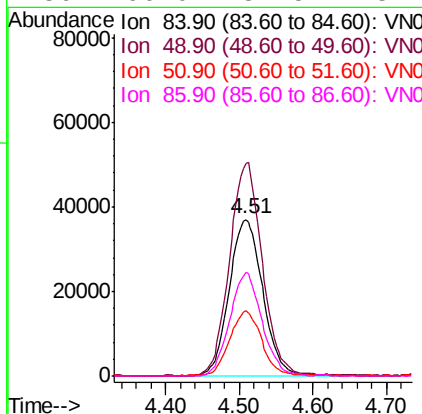
Tot Ion: 73 Resp: 279054
Ion Ratio Lower Upper
73 100
57 23.7 17.0 25.4

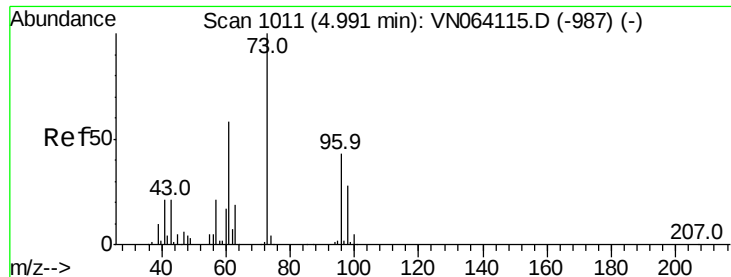


#20

Methylene Chloride
Concen: 18.615 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion: 84 Resp: 117483
Ion Ratio Lower Upper
84 100
49 135.7 97.4 146.0
51 41.0 29.7 44.5
86 66.0 52.5 78.7

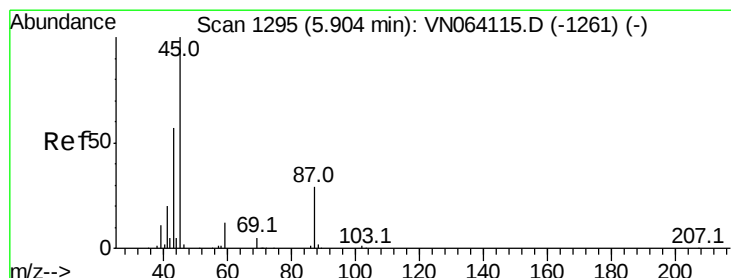
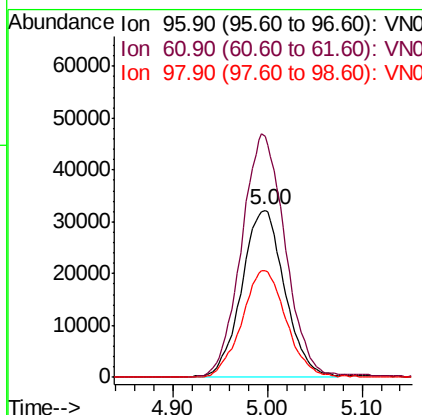
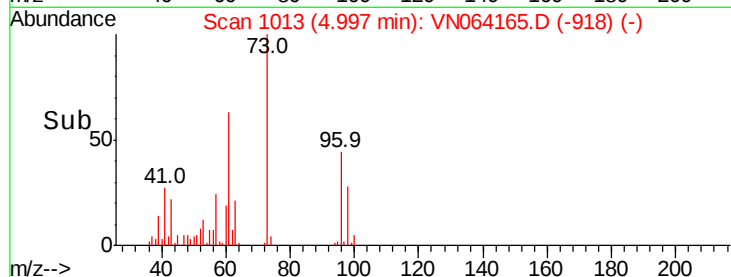
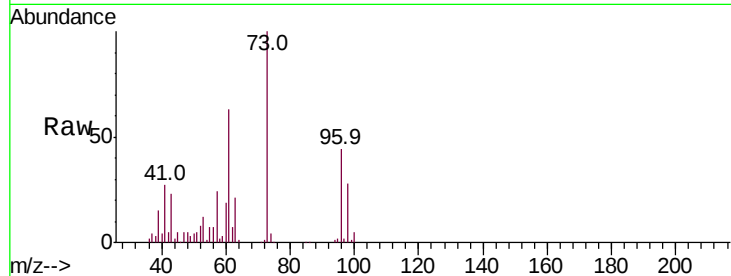




#21
trans-1,2-Dichloroethene
Concen: 18.710 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

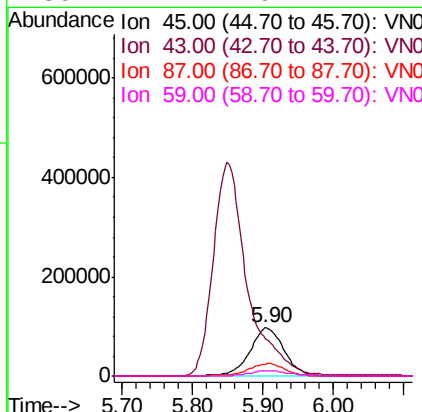
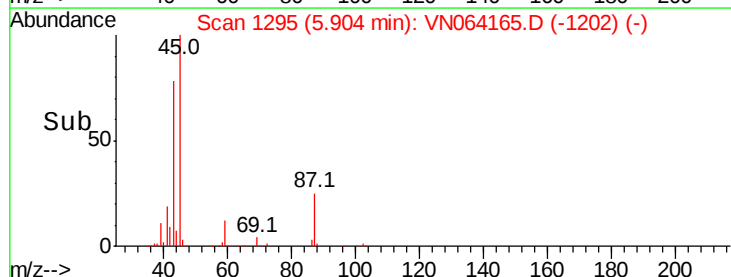
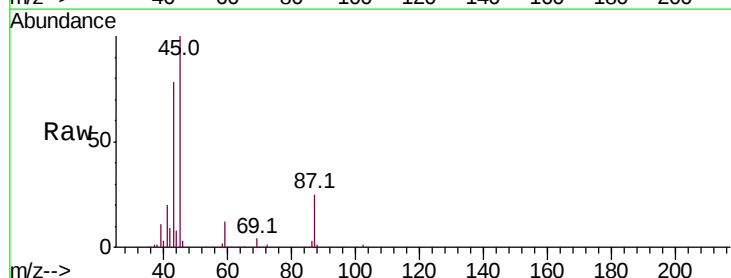
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

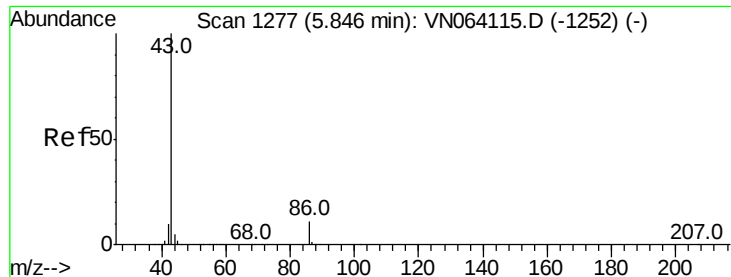
Tot Ion: 96 Resp: 102005
Ion Ratio Lower Upper
96 100
61 144.2 107.0 160.4
98 64.2 51.0 76.6



#22
Diisopropyl ether
Concen: 22.549 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion: 45 Resp: 328663
Ion Ratio Lower Upper
45 100
43 75.4 50.9 76.3
87 24.9 23.5 35.3
59 11.1 9.4 14.2





#23

Vinyl Acetate

Concen: 111.467 ug/l

RT: 5.85 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

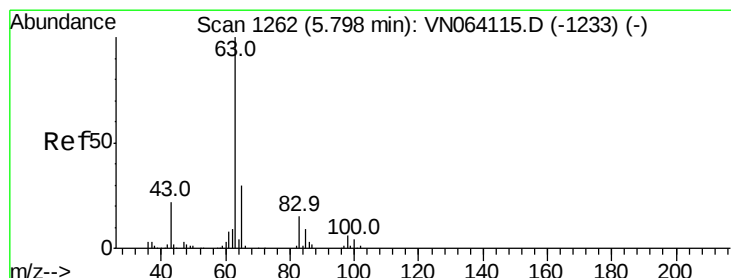
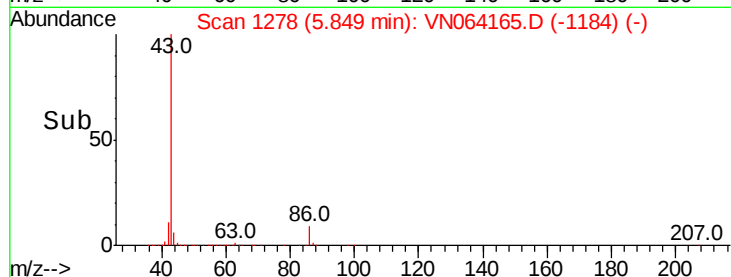
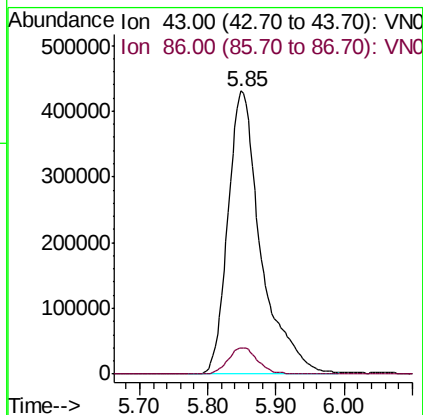
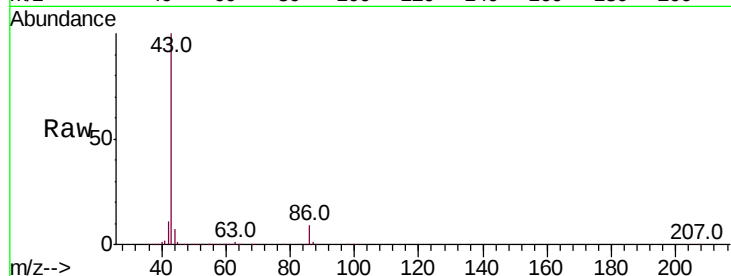
VN1016WBS01

Tot Ion: 43 Resp: 1451276

Ion Ratio Lower Upper

43 100

86 9.3 8.8 13.2



#24

1,1-Dichloroethane

Concen: 20.457 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

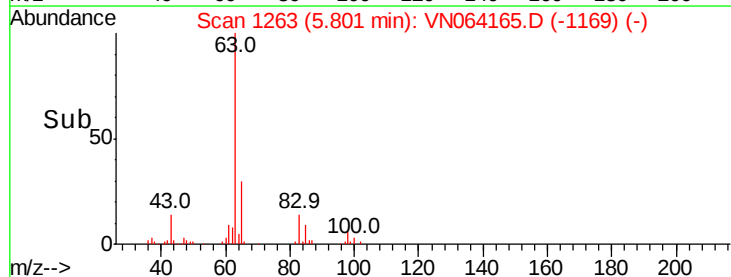
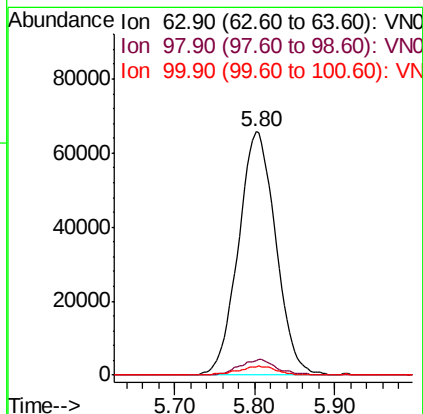
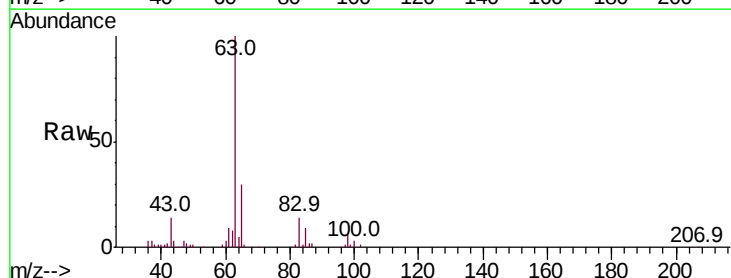
Tgt Ion: 63 Resp: 208230

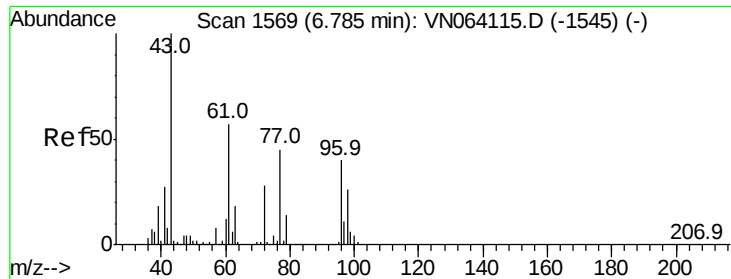
Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.3

100 3.5 2.1 6.2

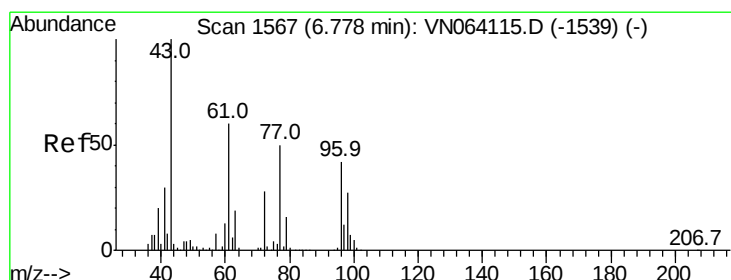
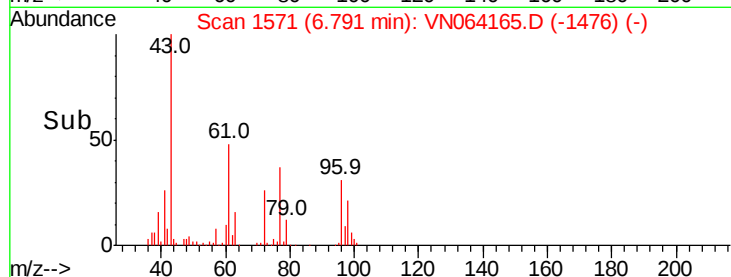
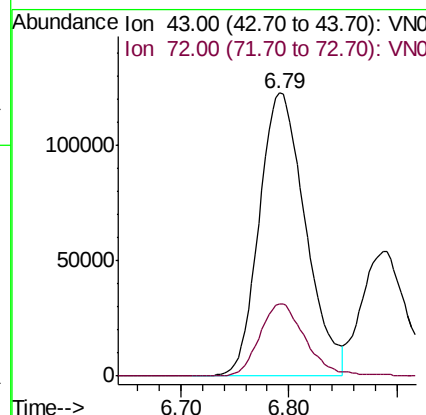
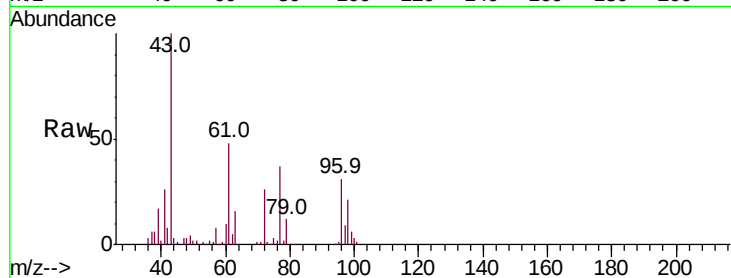




#25
2-Butanone
Concen: 115.541 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

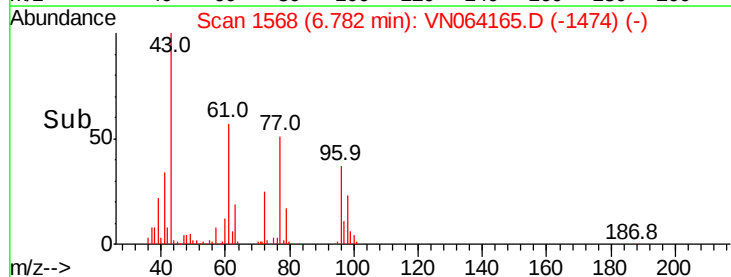
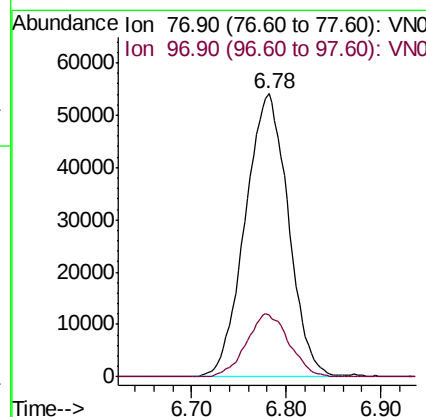
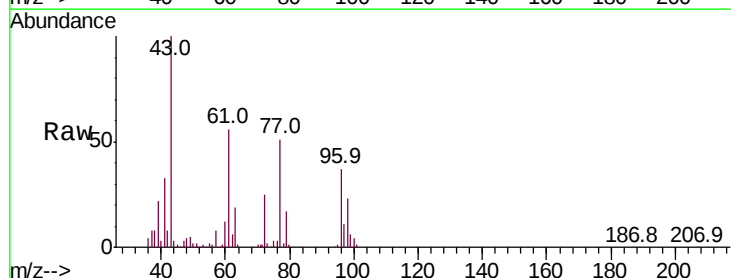
Instrument :
MSVOA_N
ClientSampled :
VN1016WBS01

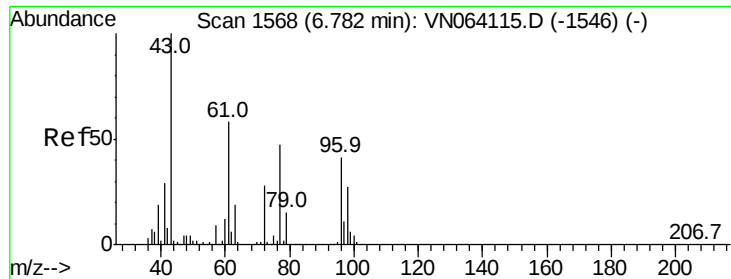
Tot Ion: 43 Resp: 362469
Ion Ratio Lower Upper
43 100
72 25.6 22.2 33.2



#26
2,2-Dichloropropane
Concen: 20.227 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion: 77 Resp: 171288
Ion Ratio Lower Upper
77 100
97 22.0 11.7 35.0

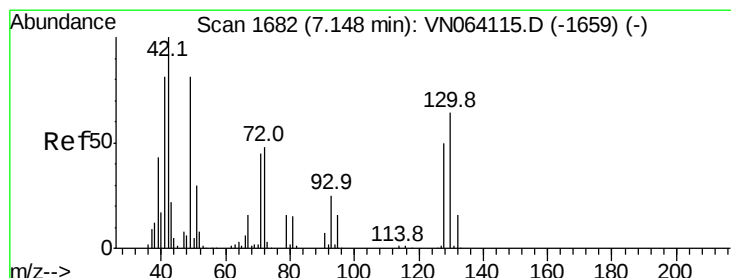
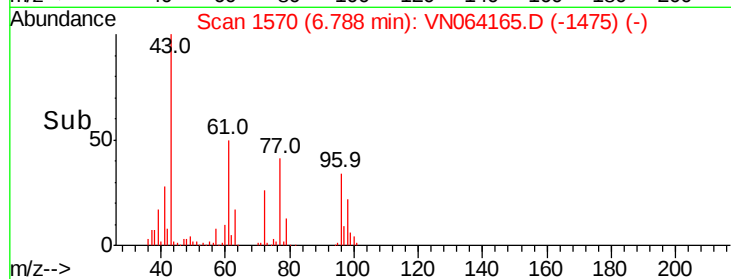
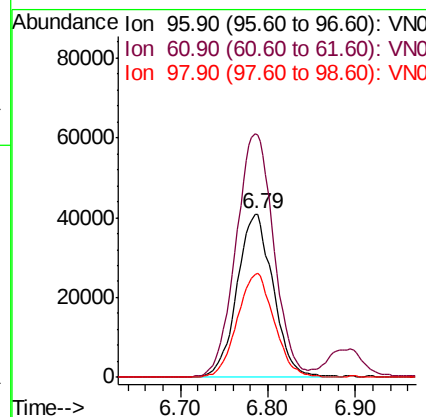
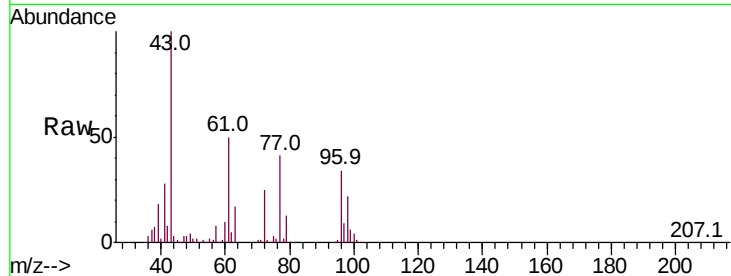




#27
 cis-1,2-Dichloroethene
 Concen: 18.288 ug/l
 RT: 6.79 min Scan# 1570
 Delta R.T. 0.01 min
 Lab File: VN064165.D
 Acq: 16 Oct 2020 15:34

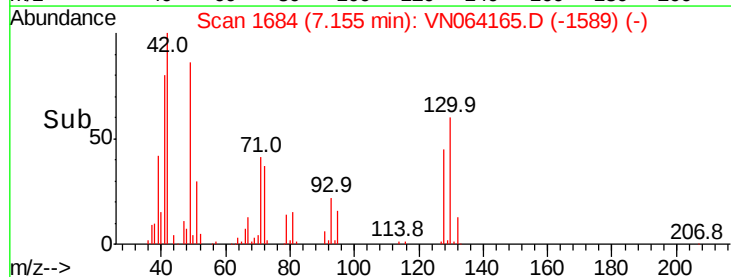
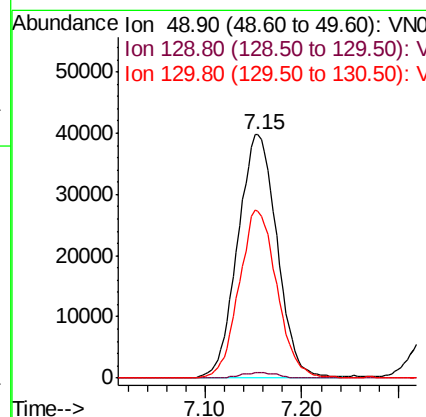
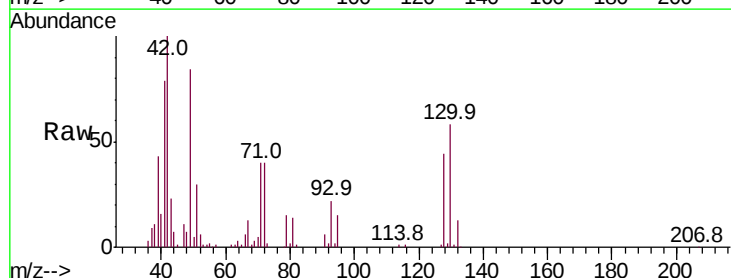
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

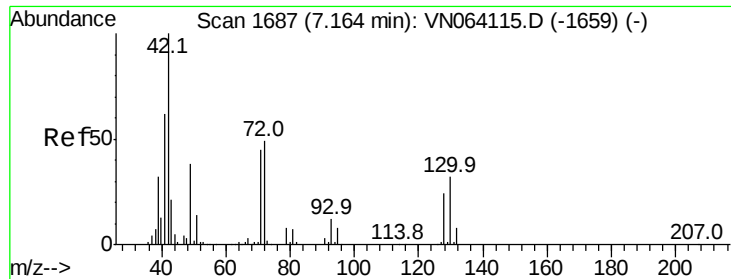
Tot Ion	Ratio	Lower	Upper
96	100		
61	155.9	0.0	285.6
98	65.0	0.0	131.0



#28
 Bromochloromethane
 Concen: 23.171 ug/l
 RT: 7.15 min Scan# 1684
 Delta R.T. 0.01 min
 Lab File: VN064165.D
 Acq: 16 Oct 2020 15:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	2.0#
130	66.4	0.0	0.0#

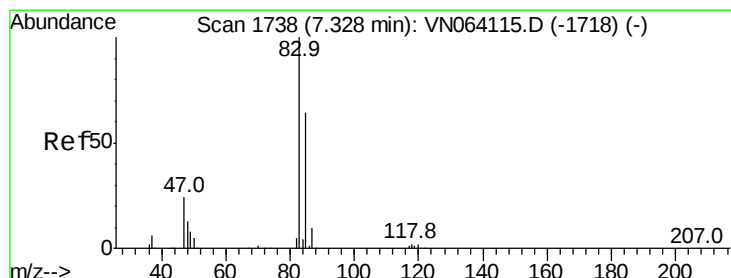
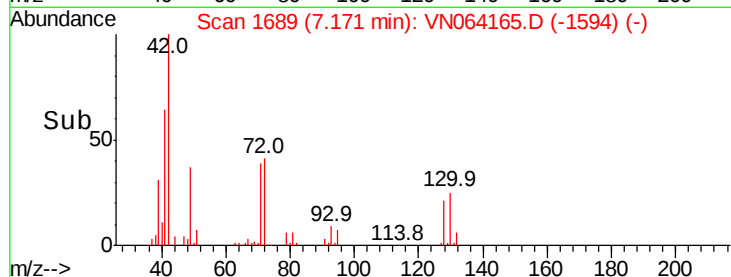
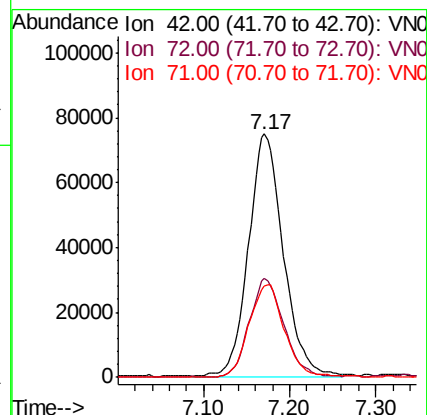
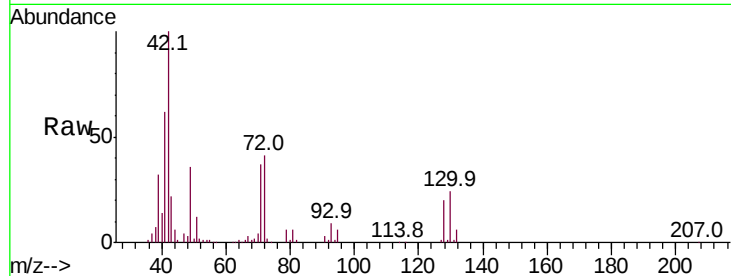




#29
Tetrahydrofuran
Concen: 114.509 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

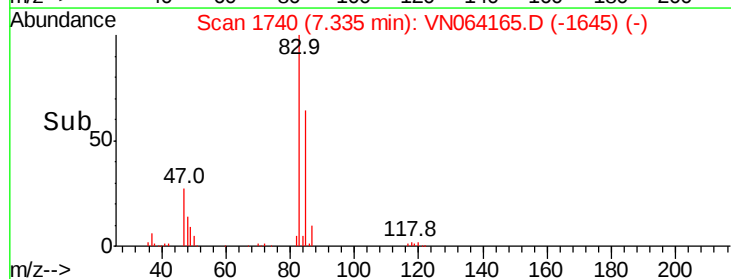
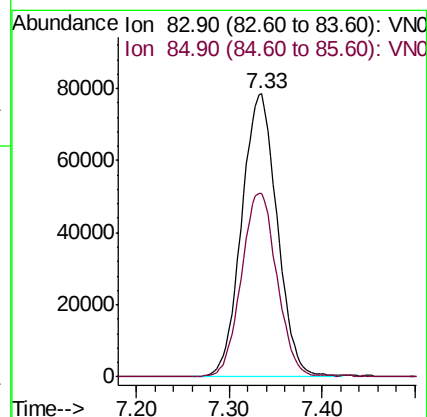
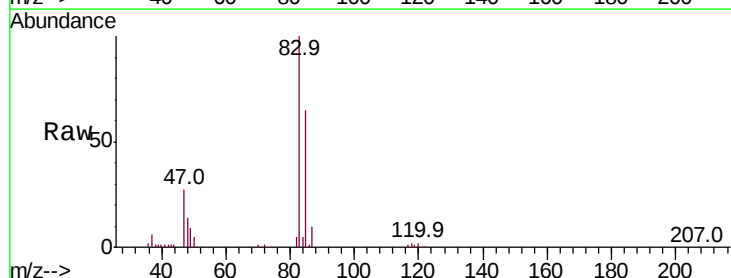
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

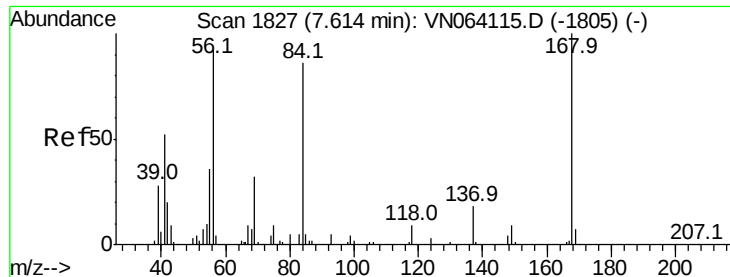
Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	37.8	56.6
71	38.8	35.3	52.9



#30
Chloroform
Concen: 19.256 ug/l
RT: 7.33 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.5	77.3





#31

Cyclohexane

Concen: 19.672 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

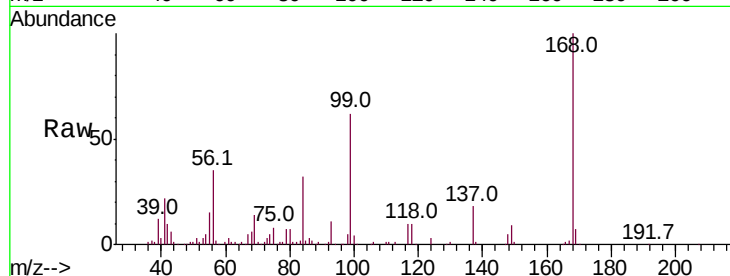
Tot Ion: 56 Resp: 149537

Ion Ratio Lower Upper

56 100

69 38.1 27.8 41.6

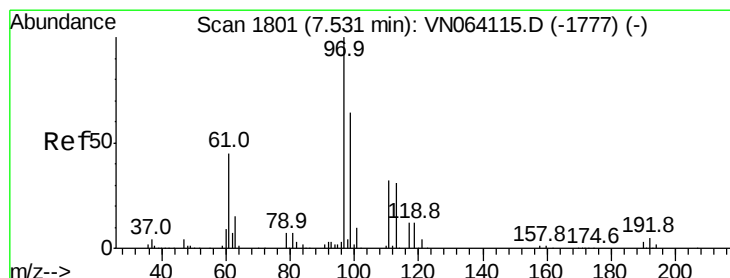
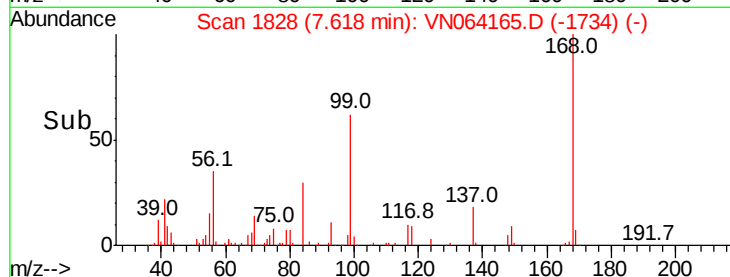
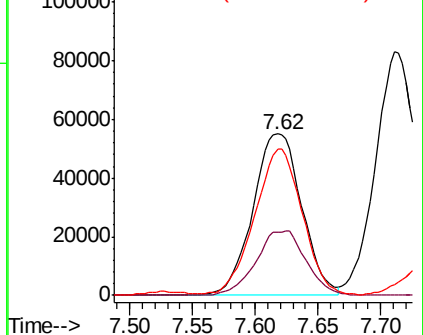
84 89.4 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.217 ug/l

RT: 7.53 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

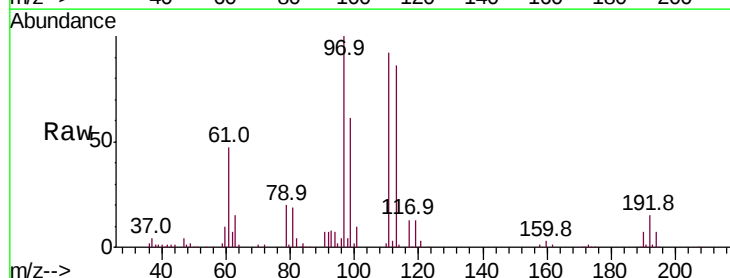
Tgt Ion: 97 Resp: 180068

Ion Ratio Lower Upper

97 100

99 63.2 50.2 75.2

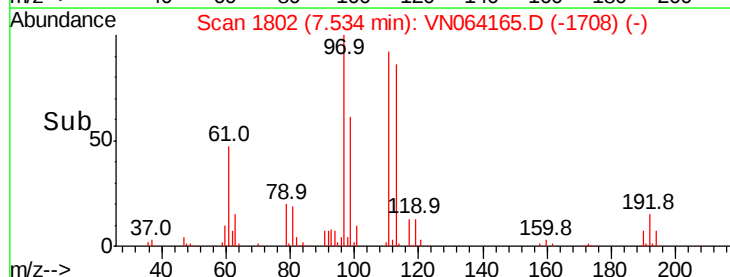
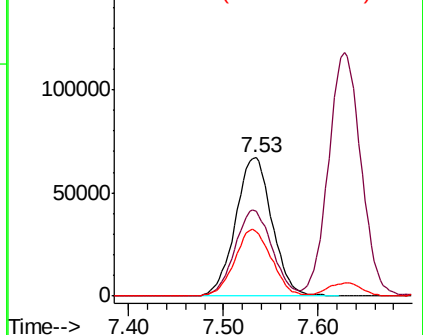
61 48.5 35.6 53.4

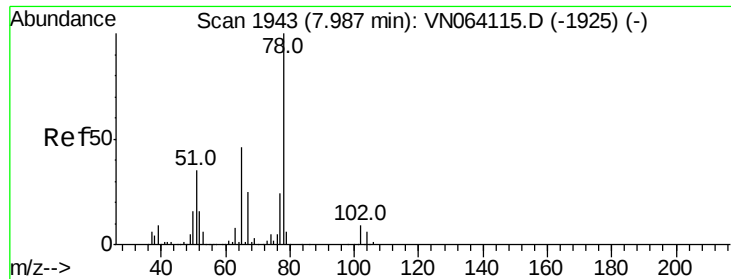


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 52.786 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

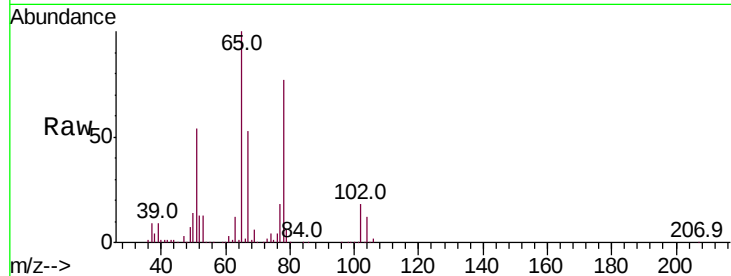
VN1016WBS01

Tot Ion: 65 Resp: 362970

Ion Ratio Lower Upper

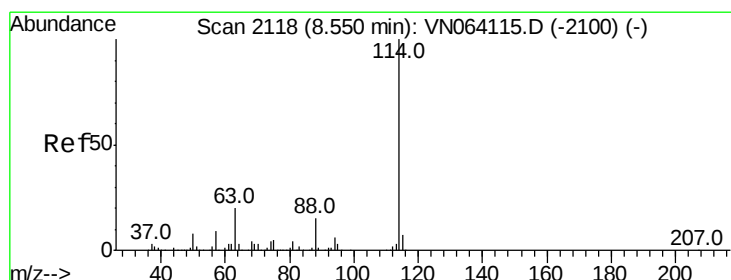
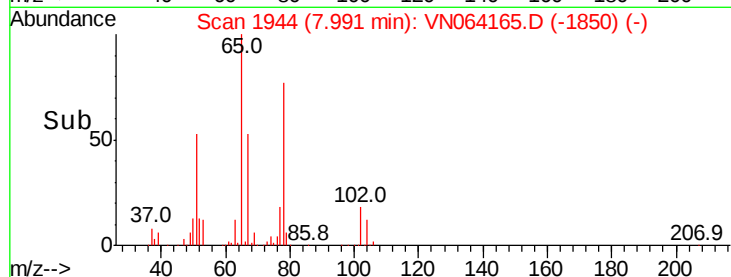
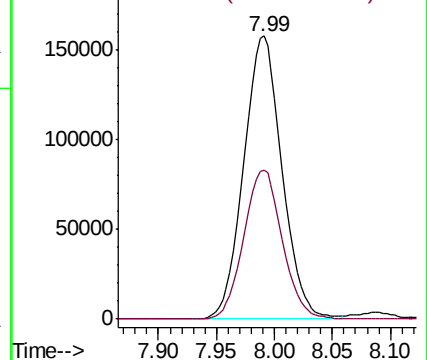
65 100

67 53.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

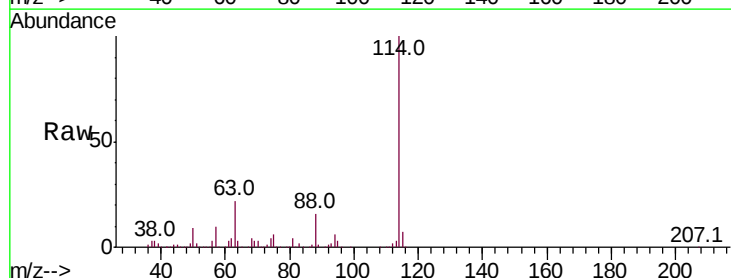
Tgt Ion: 114 Resp: 777695

Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.0

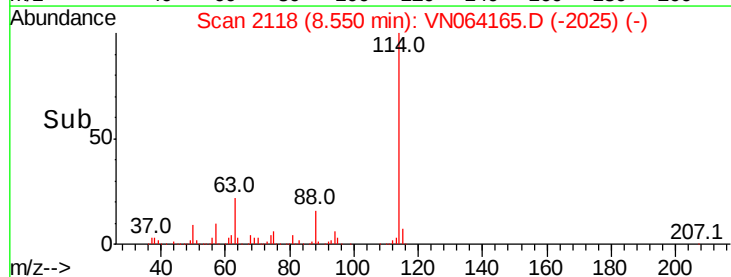
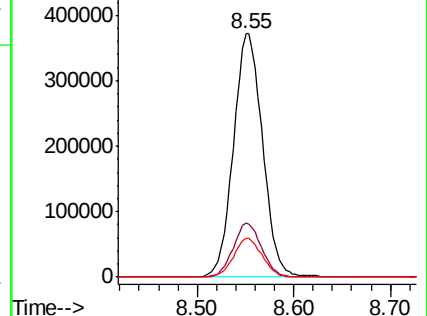
88 15.9 0.0 29.2

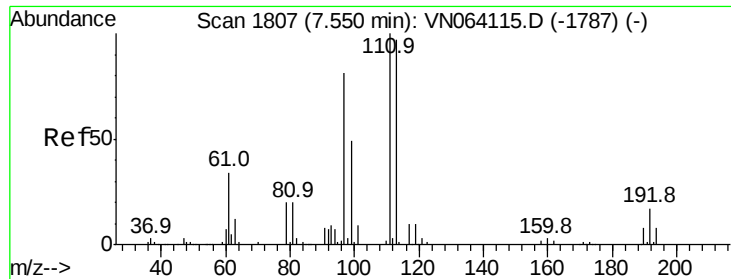


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

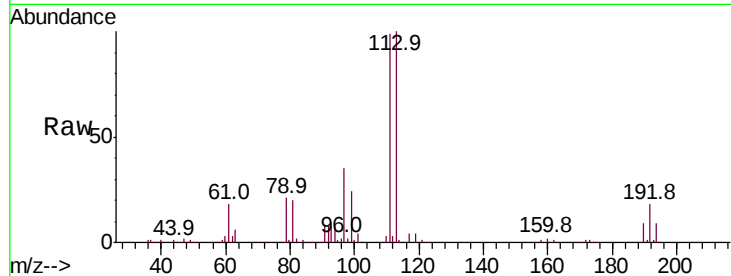




#35
 Dibromofluoromethane
 Concen: 50.505 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064165.D
 Acq: 16 Oct 2020 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	17.8	14.3	21.5

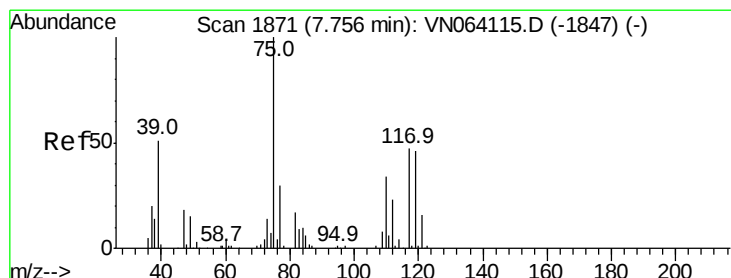
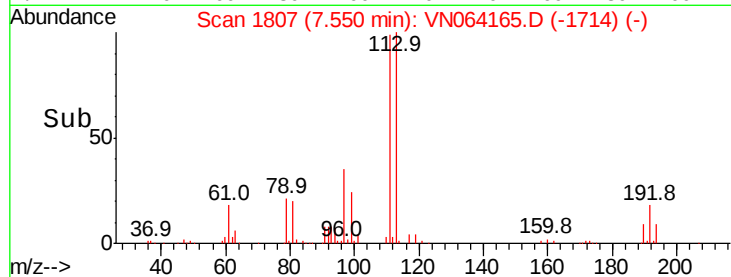
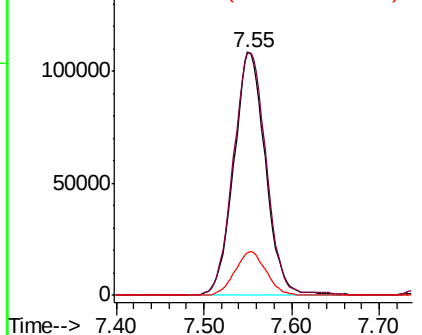


Abundance

Ion 112.80 (112.50 to 113.50): V

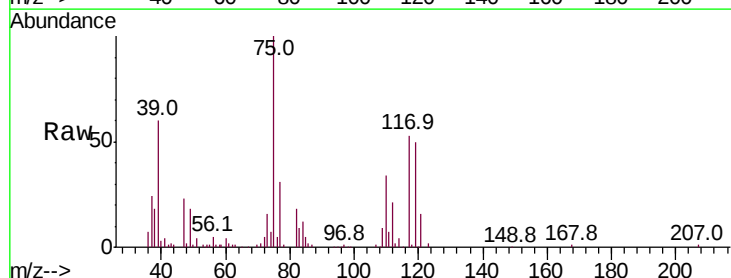
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 20.407 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN064165.D
 Acq: 16 Oct 2020 15:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.3	17.8	53.3
77	31.2	24.9	37.3

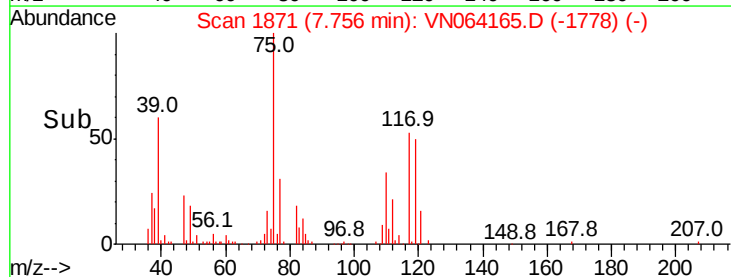
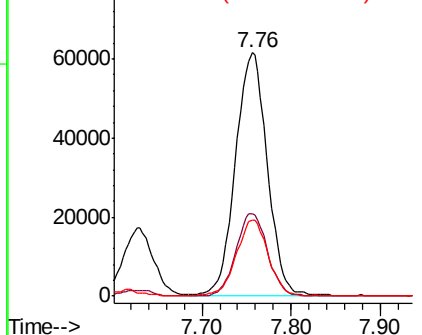


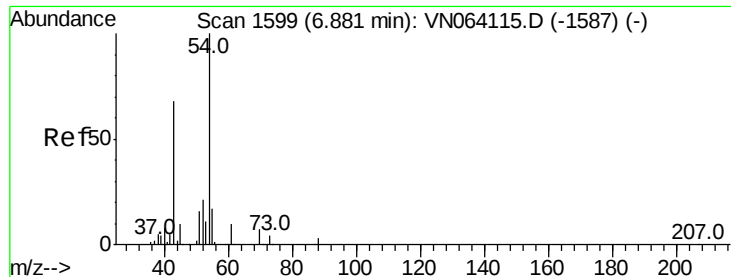
Abundance

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

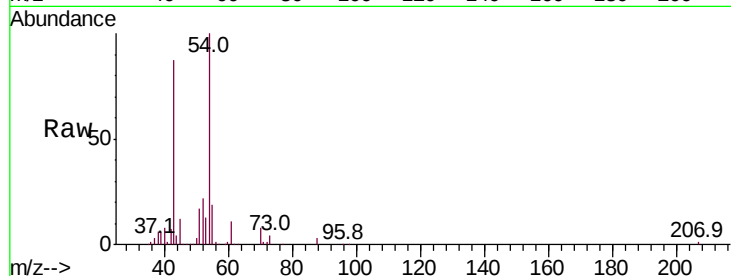




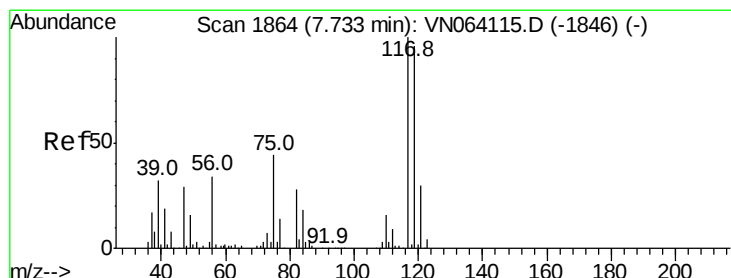
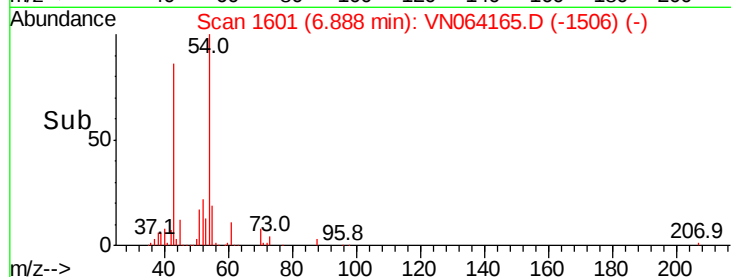
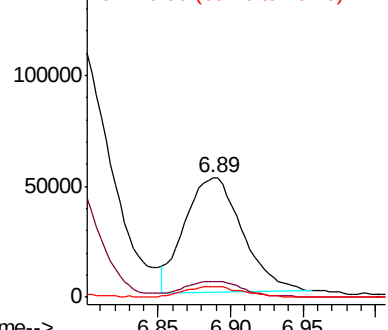
#37
Ethyl Acetate
Concen: 21.471 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

Tot Ion: 43 Resp: 142836
Ion Ratio Lower Upper
43 100
61 13.7 11.3 16.9
70 8.7 7.7 11.5

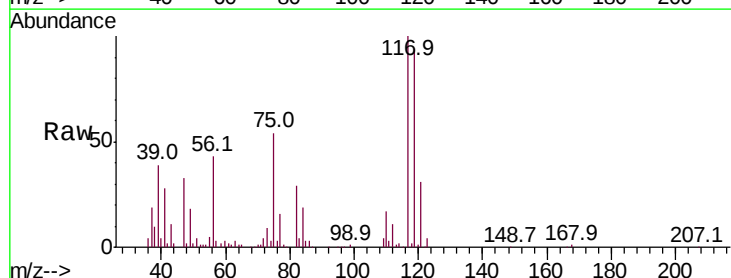


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

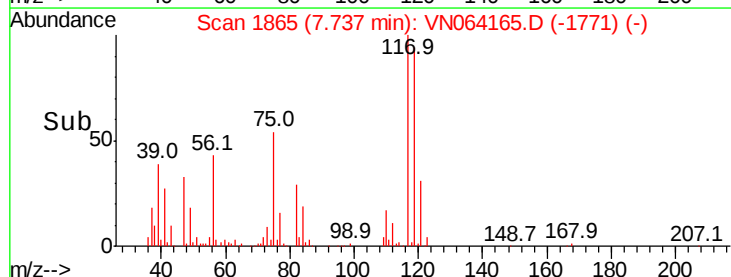
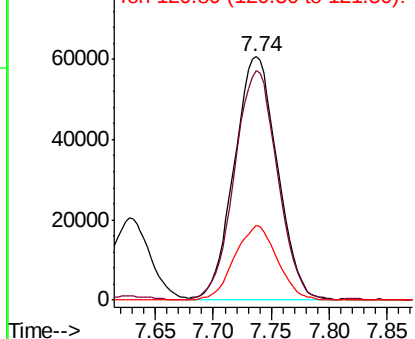


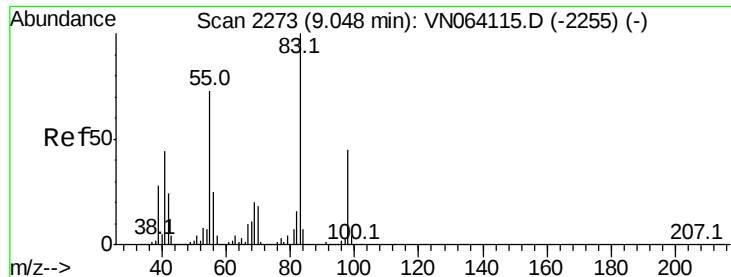
#38
Carbon Tetrachloride
Concen: 19.352 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion: 117 Resp: 155987
Ion Ratio Lower Upper
117 100
119 94.1 77.0 115.4
121 30.8 24.2 36.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

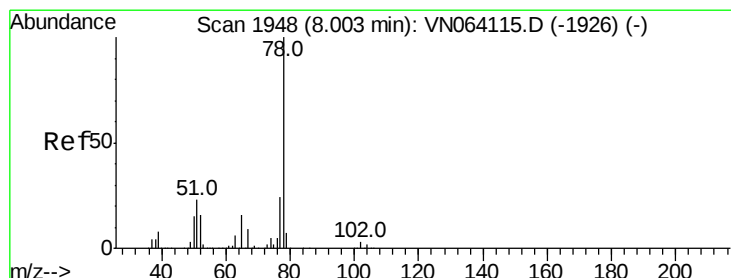
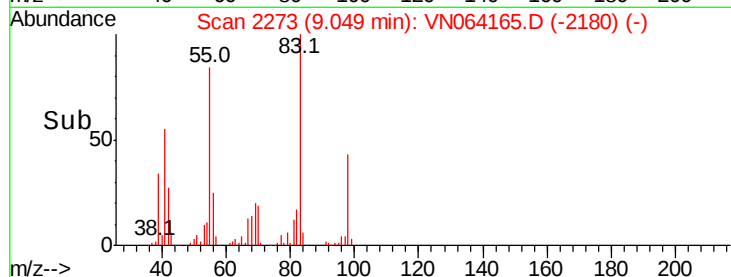
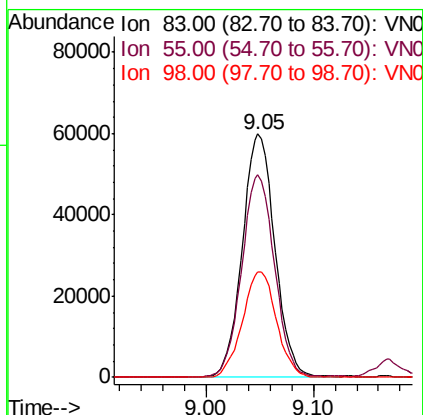
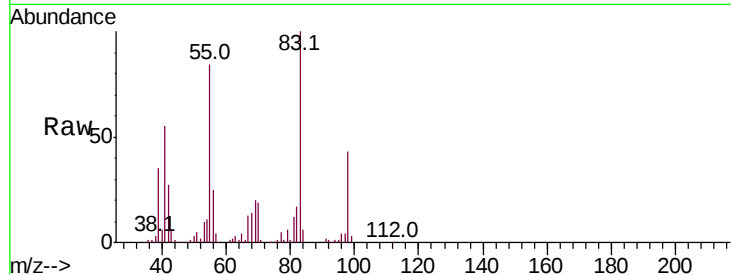




#39
Methvlcvclohexane
Concen: 19.942 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

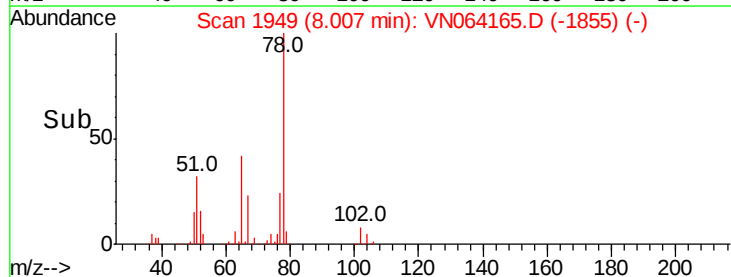
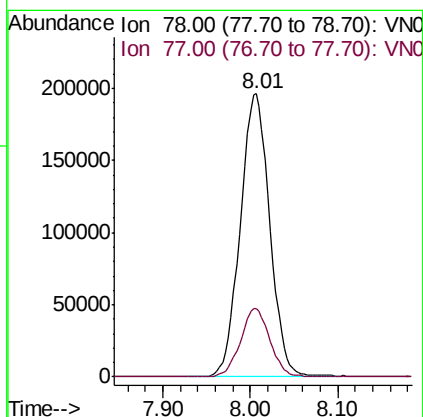
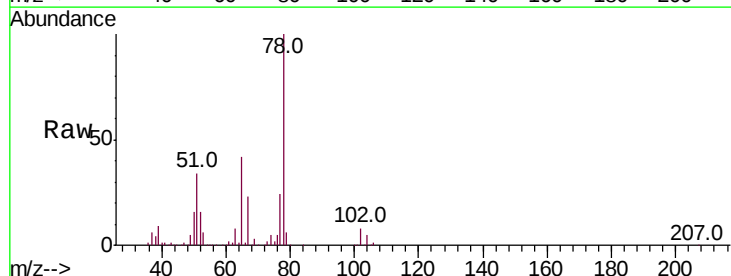
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

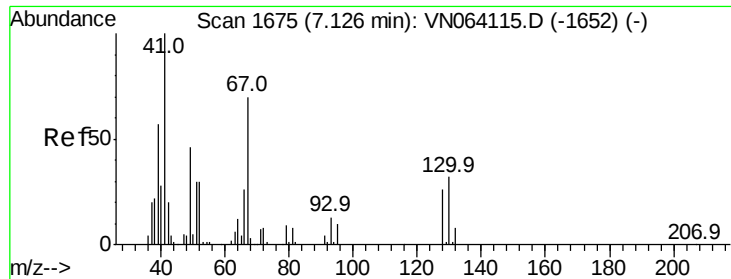
Tot Ion	83	Resp	125672
Ion Ratio	Lower	Upper	
83	100		
55	83.5	58.5	87.7
98	43.5	36.2	54.2



#40
Benzene
Concen: 20.222 ug/l
RT: 8.01 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion	78	Resp	459037
Ion Ratio	Lower	Upper	
78	100		
77	24.2	19.3	28.9

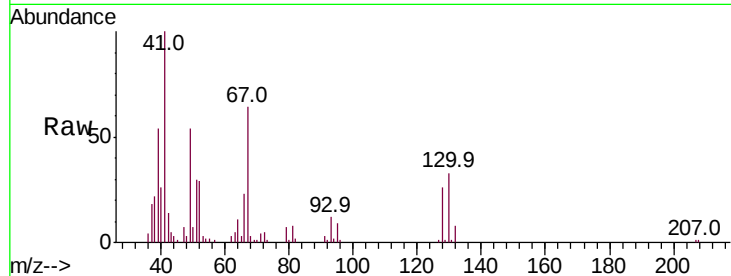




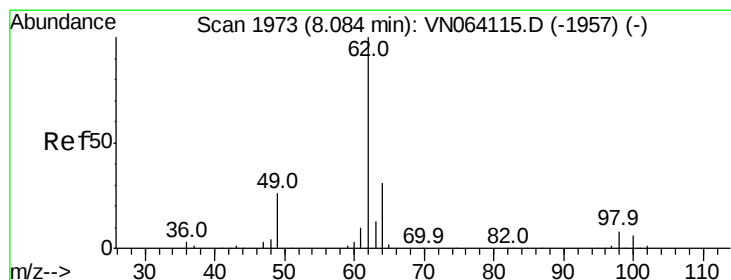
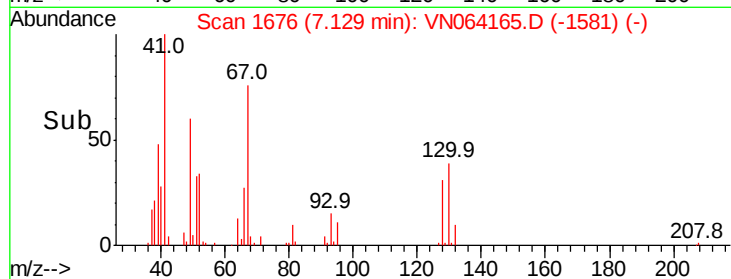
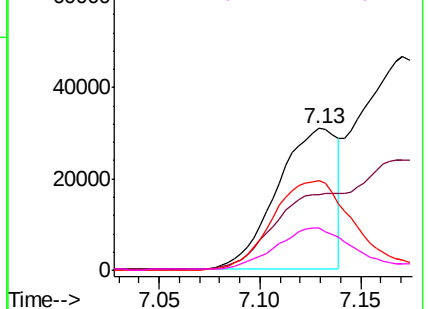
#41
Methacrylonitrile
Concen: 22.185 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

Tot Ion: 41 Resp: 63895
Ion Ratio Lower Upper
41 100
39 0.0 50.7 76.1#
67 88.0 73.8 110.6
52 39.2 32.2 48.4

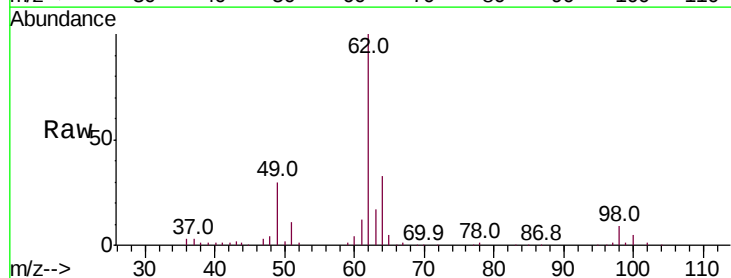


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

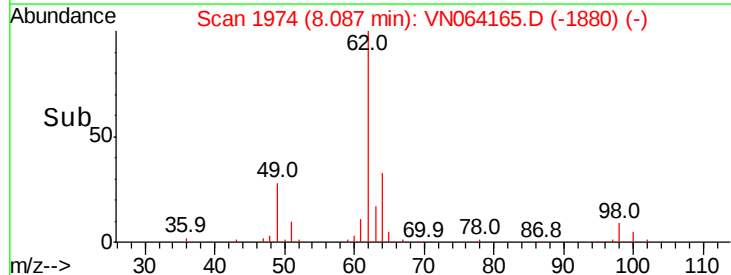
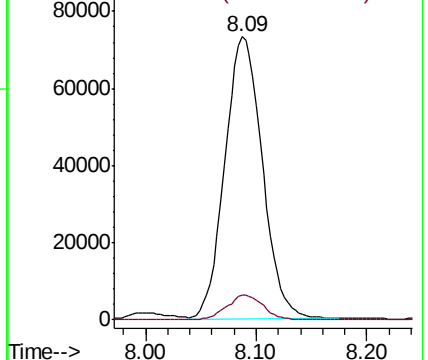


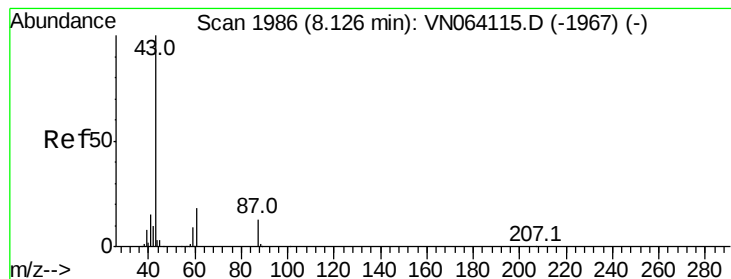
#42
1,2-Dichloroethane
Concen: 21.423 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion: 62 Resp: 173029
Ion Ratio Lower Upper
62 100
98 8.5 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: 21.898 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

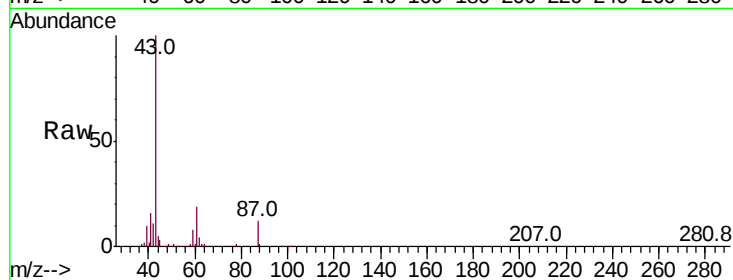
Tot Ion: 43 Resp: 241734

Ion Ratio Lower Upper

43 100

61 19.0 21.9 32.9#

87 11.9 11.0 16.4

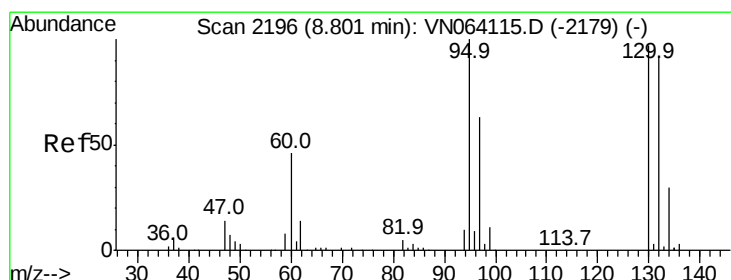
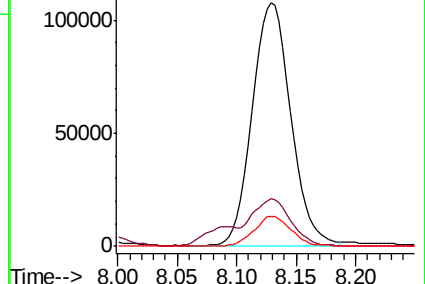
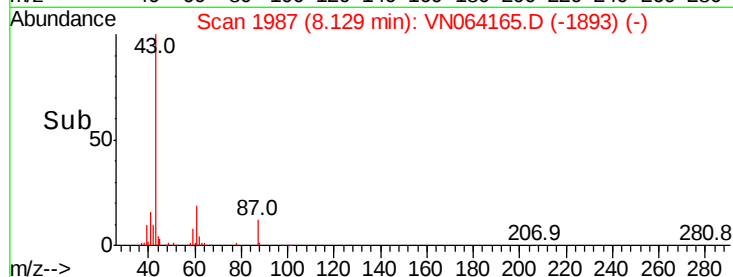


Abundance Ion 43.00 (42.70 to 43.70): VN064115.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN064115.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN064115.D (-1967) (-)

8.13



#44

Trichloroethene

Concen: 19.487 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064165.D

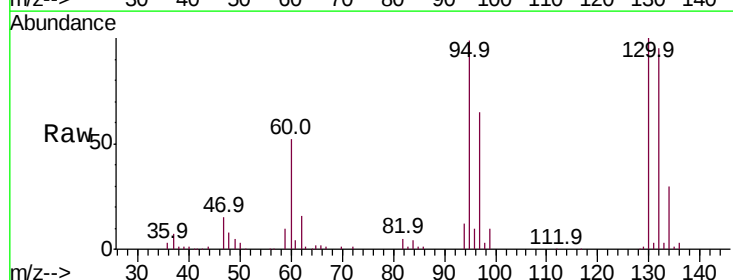
Acq: 16 Oct 2020 15:34

Tgt Ion:130 Resp: 116319

Ion Ratio Lower Upper

130 100

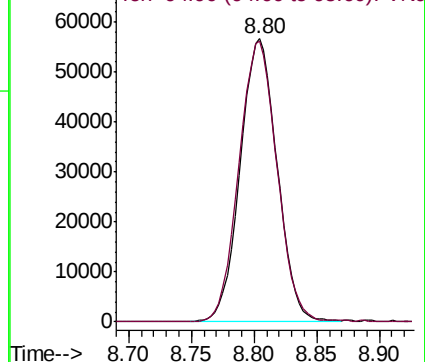
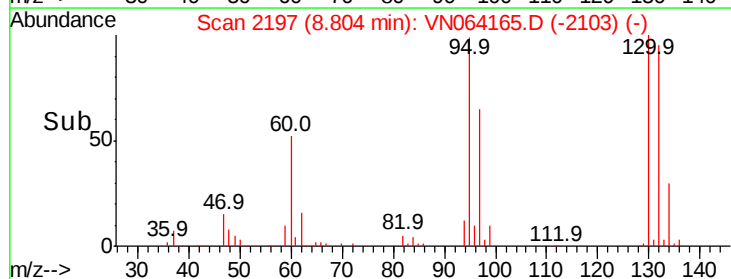
95 99.2 0.0 206.2

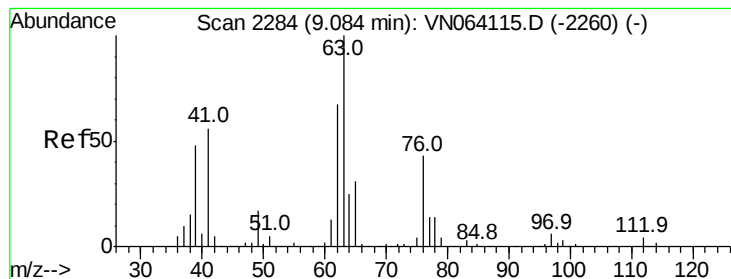


Abundance Ion 129.80 (129.50 to 130.50): VN064115.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN064115.D (-2179) (-)

8.80





#45

1,2-Dichloropropane

Concen: 21.586 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampled :

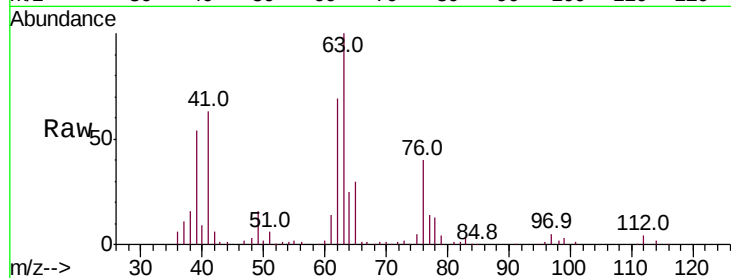
VN1016WBS01

Tot Ion: 63 Resp: 128381

Ion Ratio Lower Upper

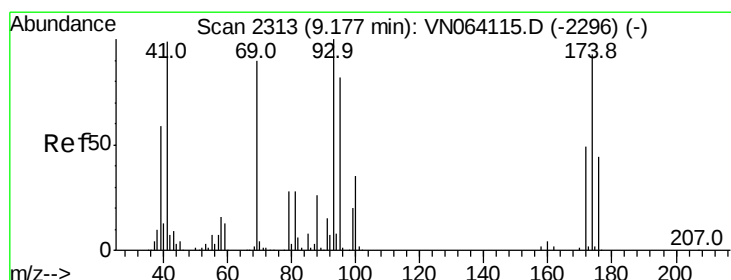
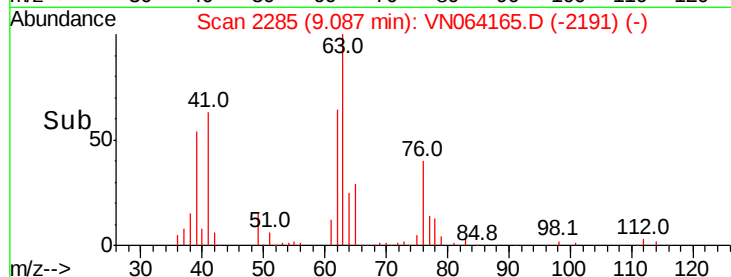
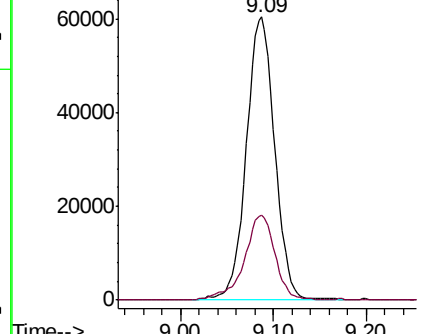
63 100

65 30.0 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: 19.572 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

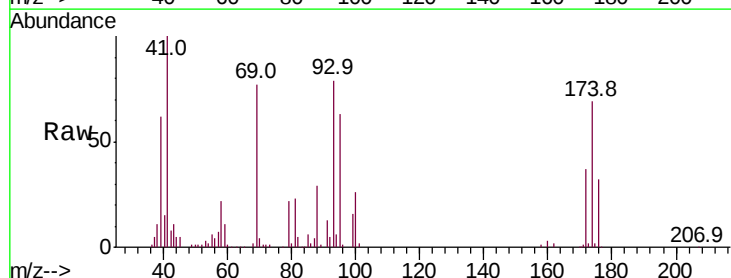
Tgt Ion: 93 Resp: 82583

Ion Ratio Lower Upper

93 100

95 81.5 66.8 100.2

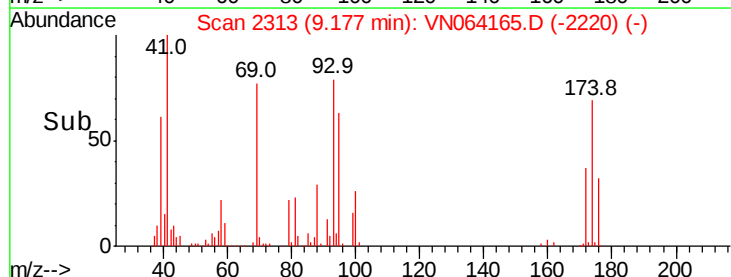
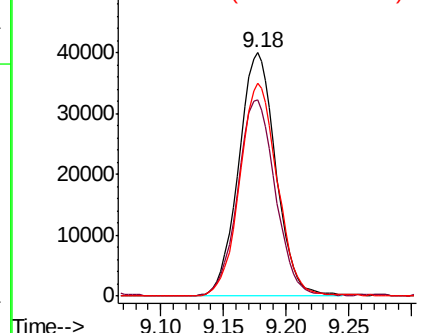
174 87.8 75.2 112.8

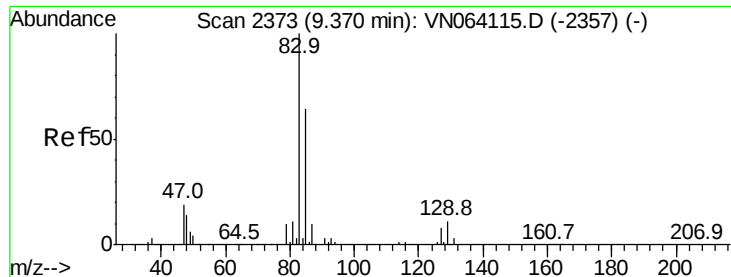


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 20.511 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

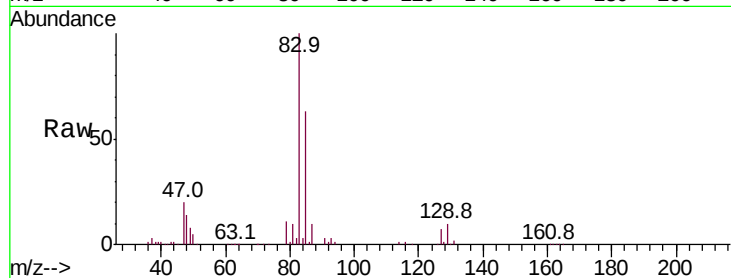
Tot Ion: 83 Resp: 169328

Ion Ratio Lower Upper

83 100

85 62.9 50.8 76.2

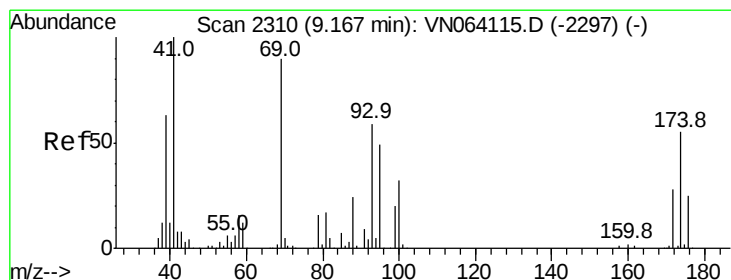
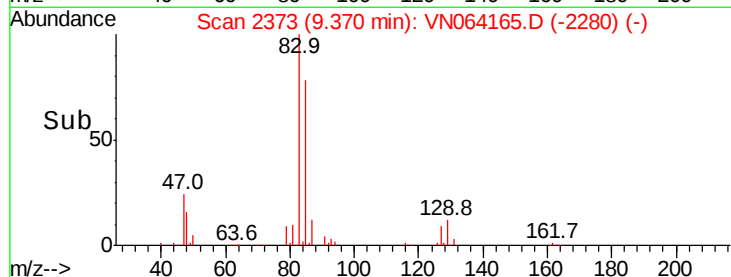
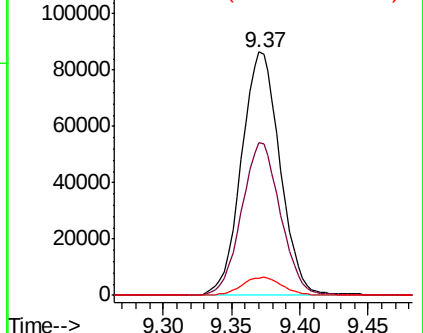
127 7.3 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064115.D (-2357) (-)

Ion 84.90 (84.60 to 85.60): VN064115.D (-2357) (-)

Ion 126.80 (126.50 to 127.50): VN064115.D (-2357) (-)



#48

Methyl methacrylate

Concen: 22.802 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

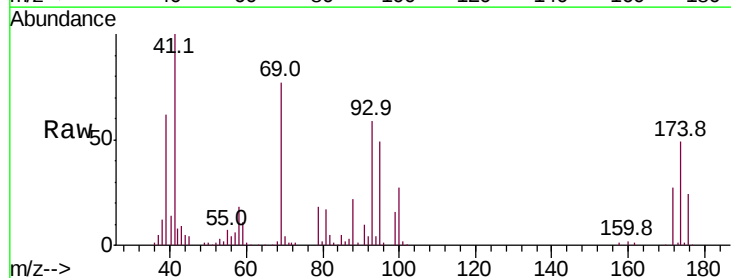
Tgt Ion: 41 Resp: 116274

Ion Ratio Lower Upper

41 100

69 80.6 71.4 107.2

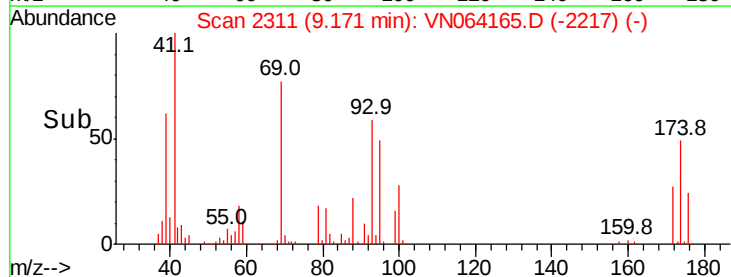
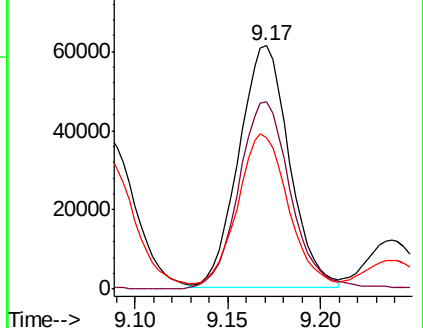
39 64.7 52.5 78.7

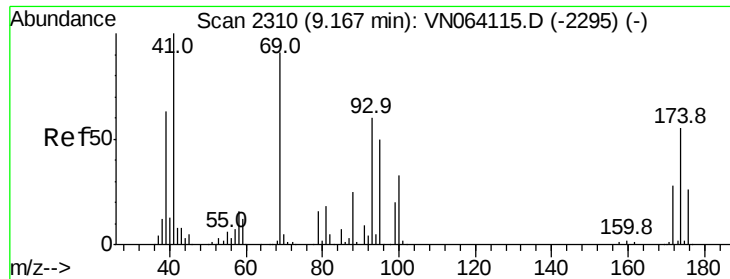


Abundance Ion 41.00 (40.70 to 41.70): VN064115.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064115.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064115.D (-2297) (-)

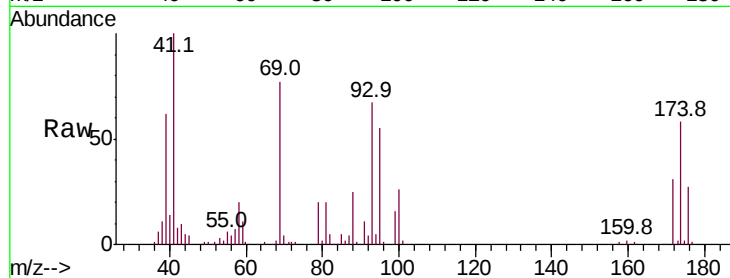




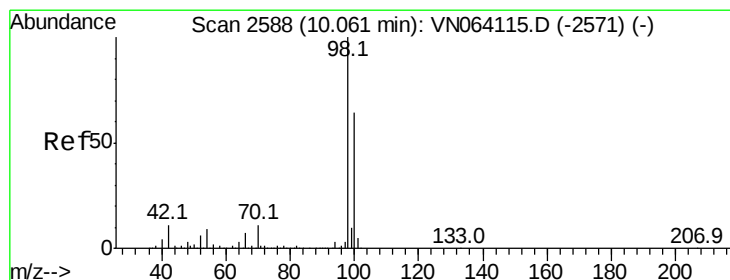
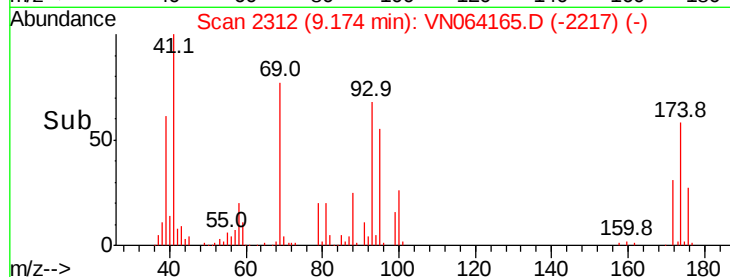
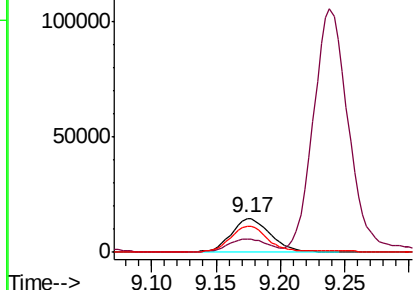
#49
1,4-Dioxane
Concen: 407.190 ug/l
RT: 9.17 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Instrument :
MSVOA_N
ClientSampled :
VN1016WBS01

Tot Ion: 88 Resp: 31529
Ion Ratio Lower Upper
88 100
43 36.6 27.2 40.8
58 74.3 52.6 78.8

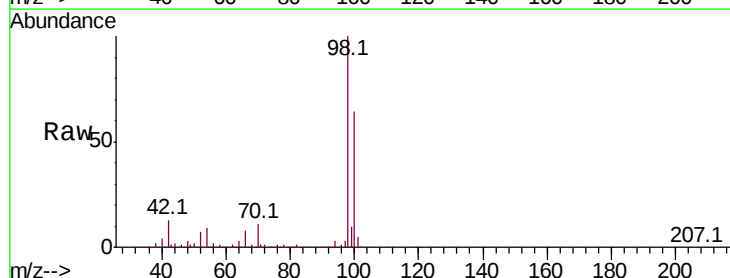


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

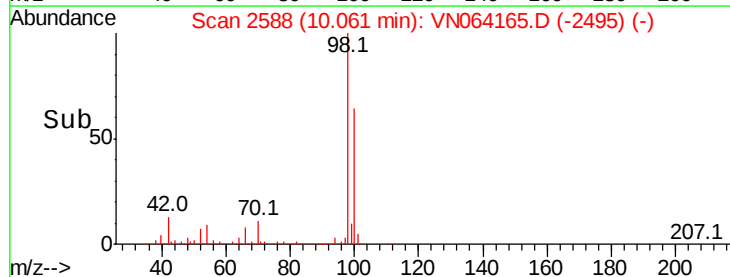
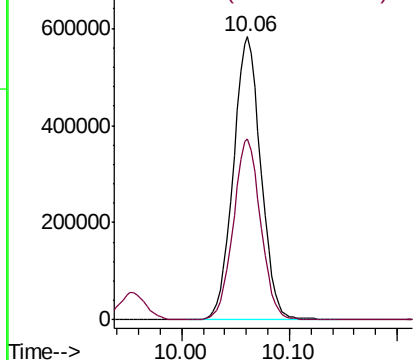


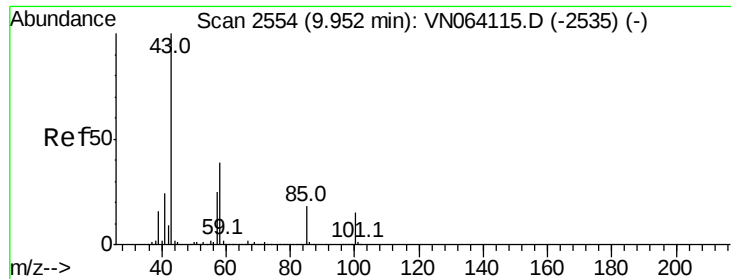
#50
Toluene-d8
Concen: 51.191 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion: 98 Resp: 1039699
Ion Ratio Lower Upper
98 100
100 63.2 50.8 76.2



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

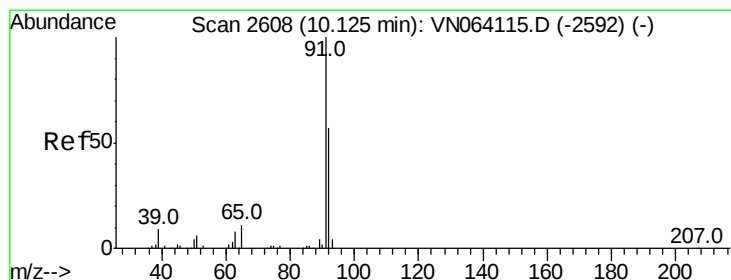
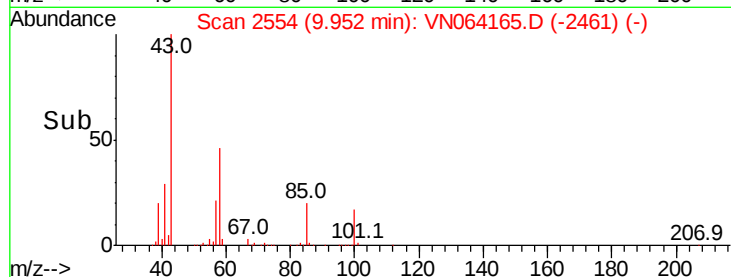
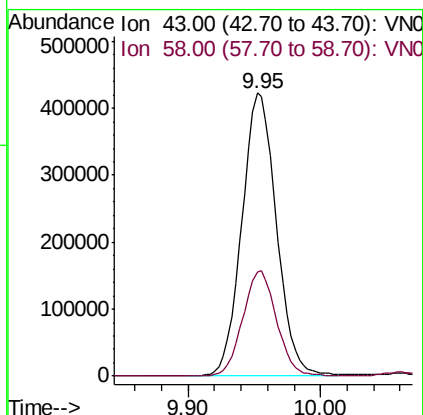
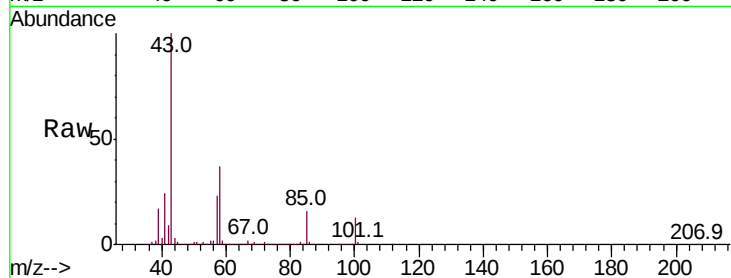




#51
4-Methyl-2-Pentanone
Concen: 117.161 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

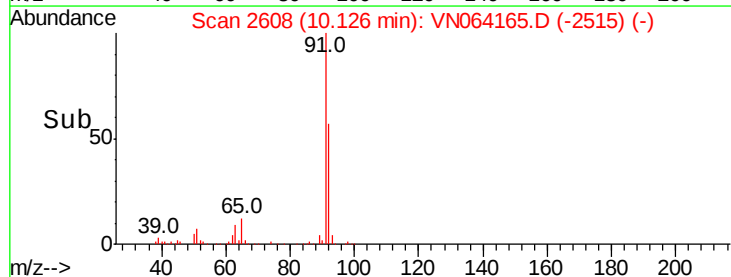
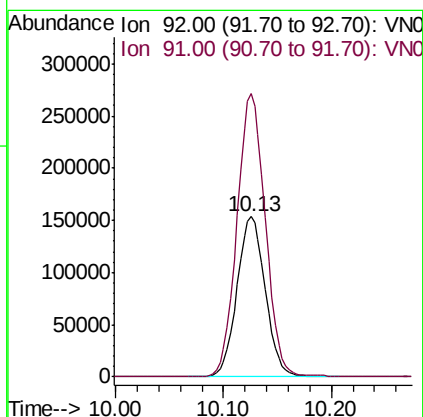
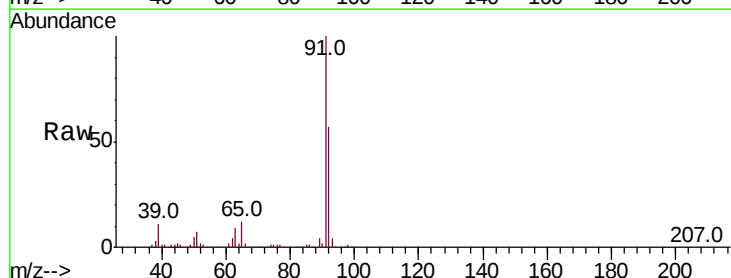
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

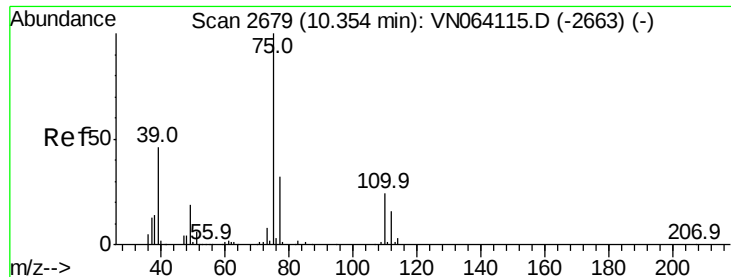
Tot Ion: 43 Resp: 765329
Ion Ratio Lower Upper
43 100
58 36.6 31.2 46.8



#52
Toluene
Concen: 20.138 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion: 92 Resp: 280885
Ion Ratio Lower Upper
92 100
91 177.1 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 20.457 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampled :

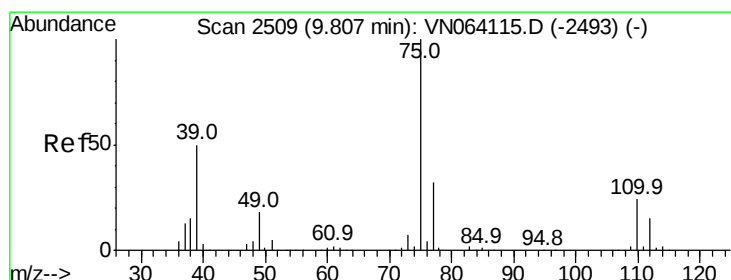
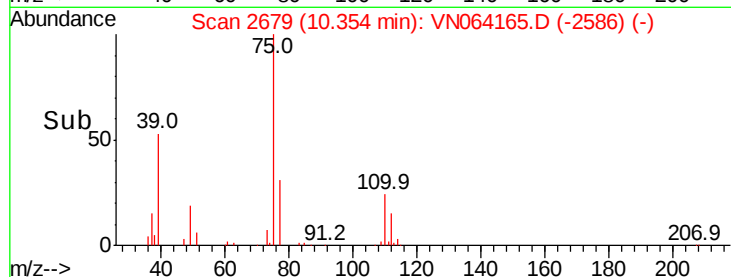
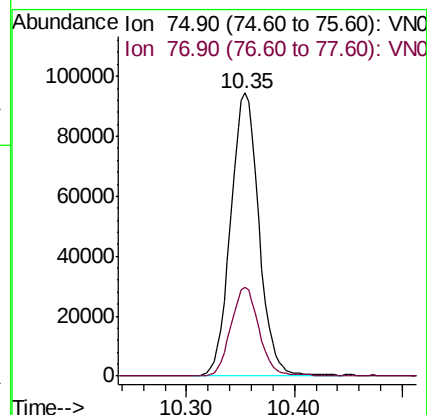
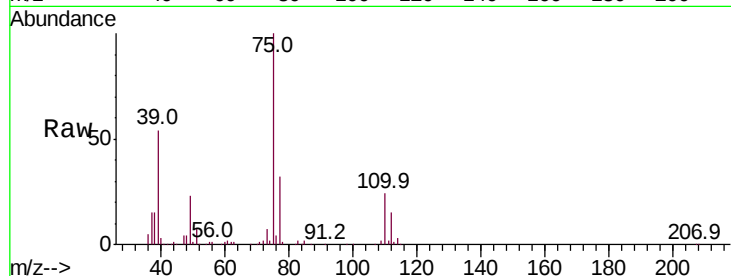
VN1016WBS01

Tot Ion: 75 Resp: 173274

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 20.590 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

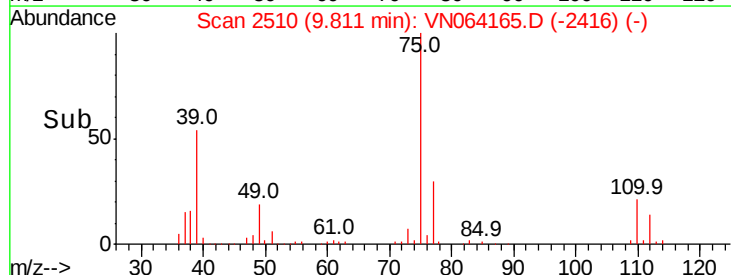
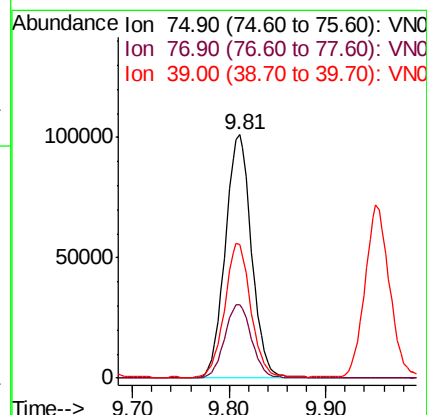
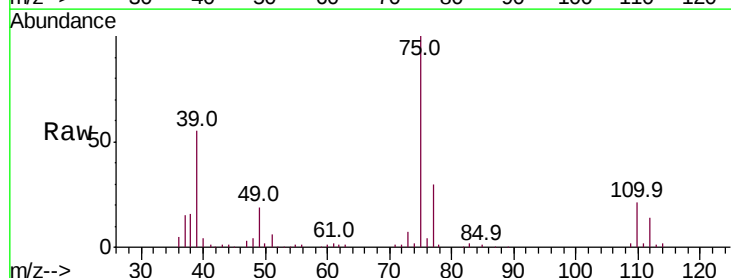
Tgt Ion: 75 Resp: 191630

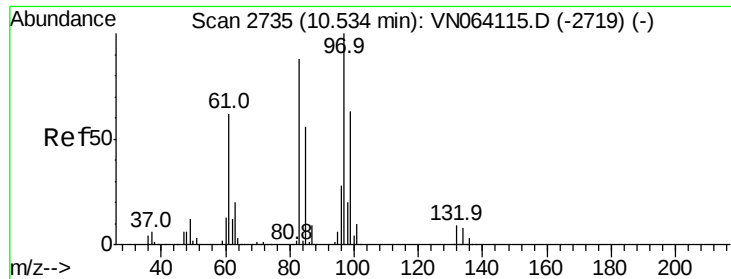
Ion Ratio Lower Upper

75 100

77 30.4 25.2 37.8

39 54.3 39.8 59.8

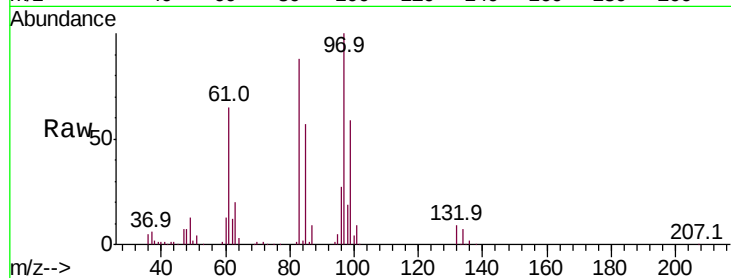




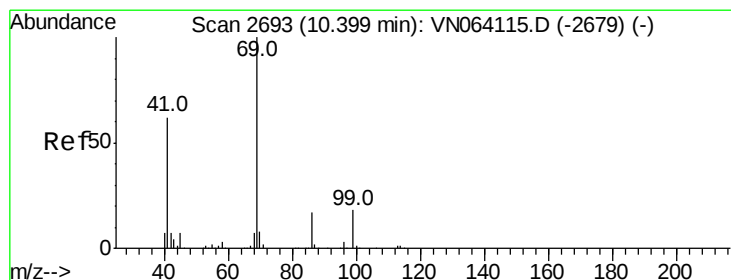
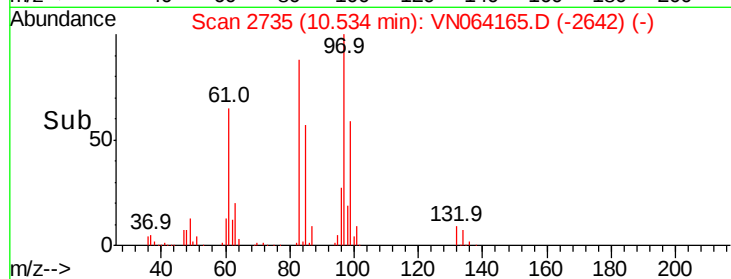
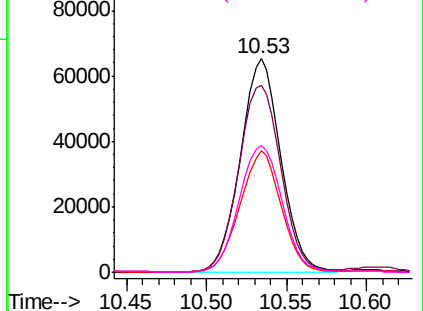
#55
 1,1,2-Trichloroethane
 Concen: 19.464 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064165.D
 Acq: 16 Oct 2020 15:34

Instrument :
 MSVOA_N
 ClientSampled :
 VN1016WBS01

Tot Ion:	97	Resp:	112467
Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.2	105.4
85	56.7	45.0	67.6
99	59.2	50.7	76.1

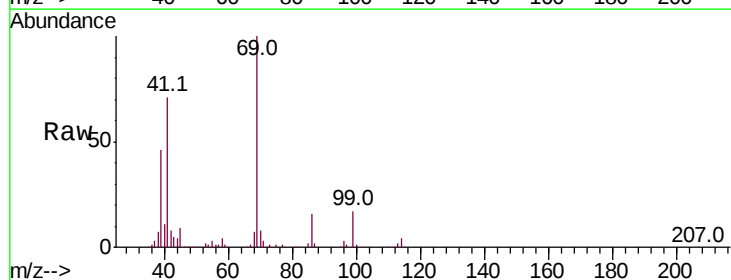


Abundance Ion 96.90 (96.60 to 97.60): VNO
 100000 Ion 82.90 (82.60 to 83.60): VNO
 80000 Ion 84.90 (84.60 to 85.60): VNO
 60000 Ion 98.90 (98.60 to 99.60): VNO

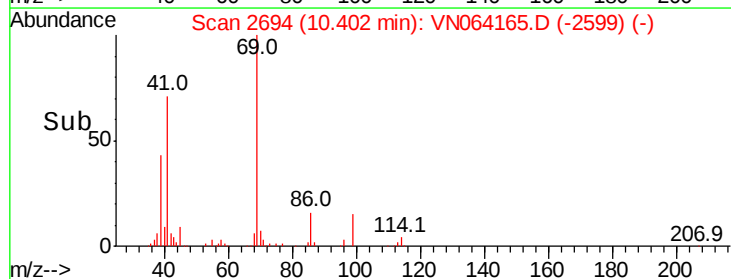
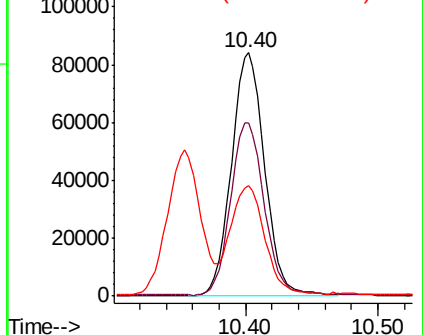


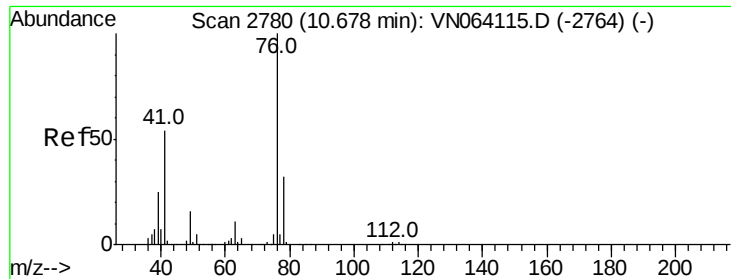
#56
 Ethyl methacrylate
 Concen: 19.027 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064165.D
 Acq: 16 Oct 2020 15:34

Tgt Ion:	69	Resp:	146801
Ion	Ratio	Lower	Upper
69	100		
41	71.4	49.3	73.9
39	46.8	32.7	49.1



Abundance Ion 69.00 (68.70 to 69.70): VNO
 100000 Ion 41.00 (40.70 to 41.70): VNO
 80000 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 20.146 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampled :

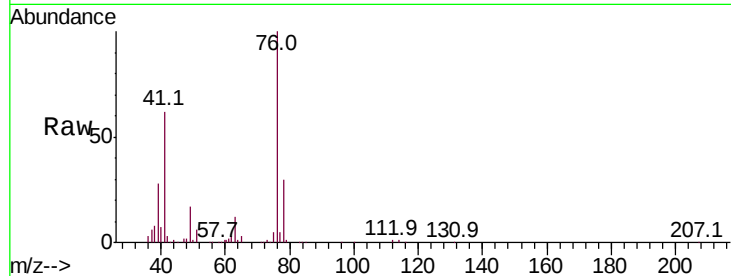
VN1016WBS01

Tot Ion: 76 Resp: 191706

Ion Ratio Lower Upper

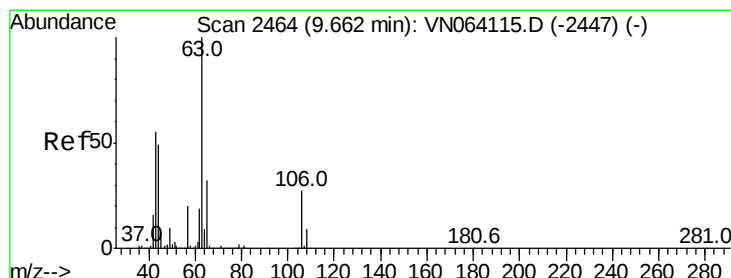
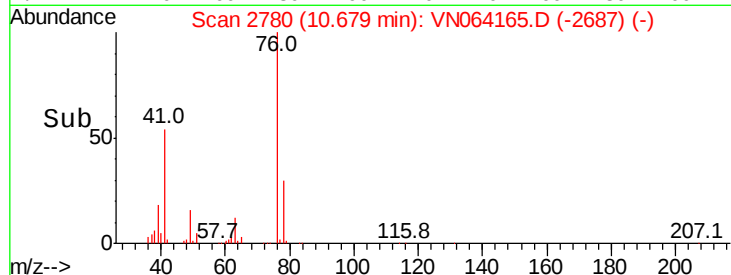
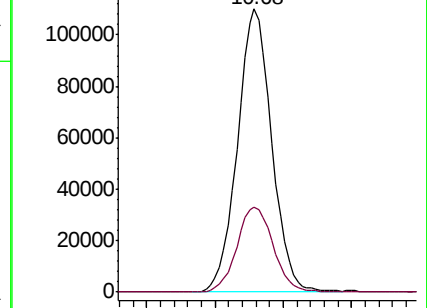
76 100

78 32.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 106.129 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN064165.D

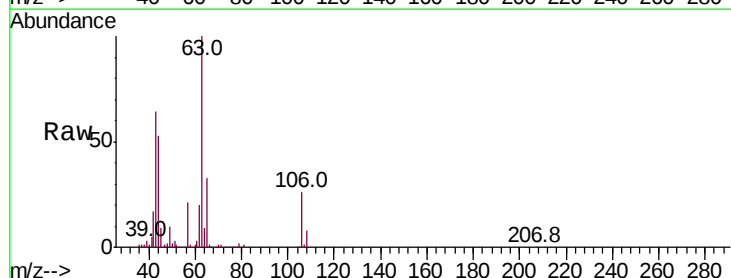
Acq: 16 Oct 2020 15:34

Tgt Ion: 63 Resp: 420411

Ion Ratio Lower Upper

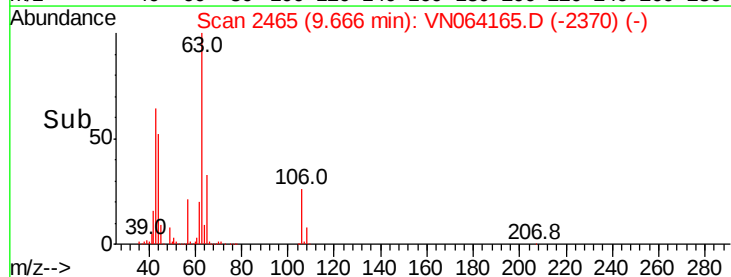
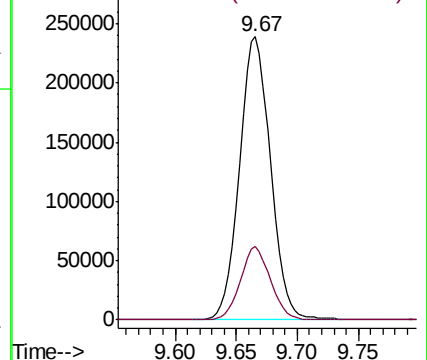
63 100

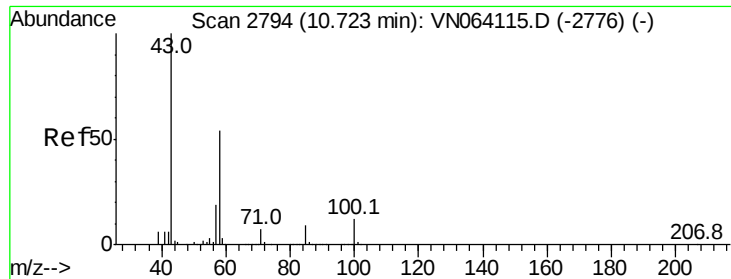
106 25.1 21.8 32.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

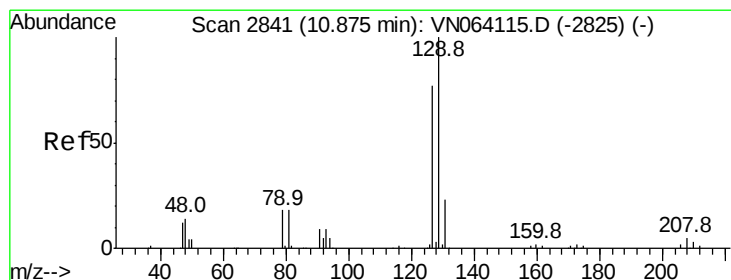
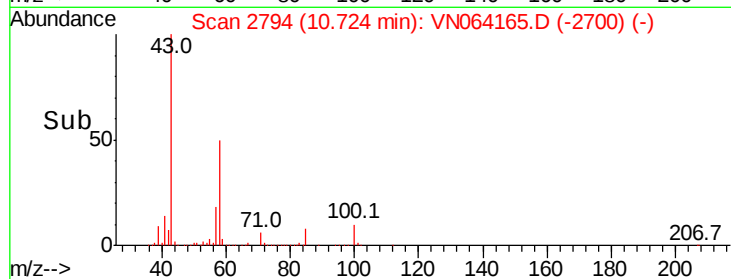
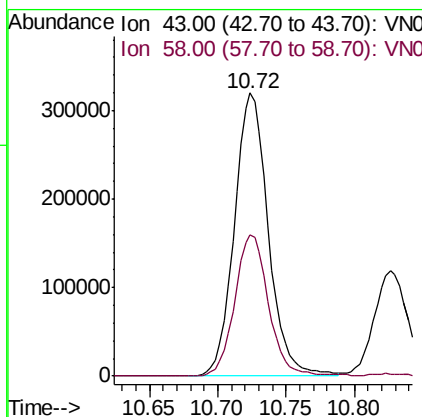
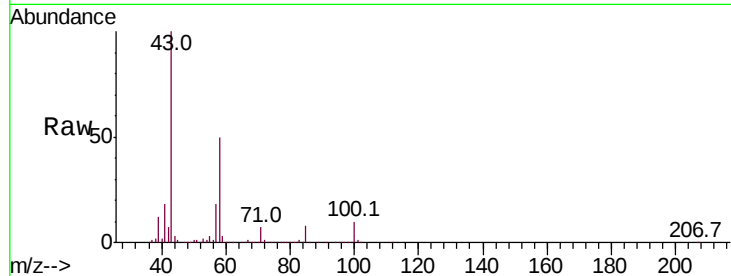




#59
2-Hexanone
Concen: 112.483 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

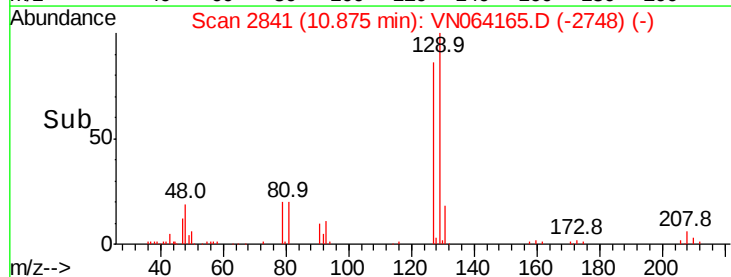
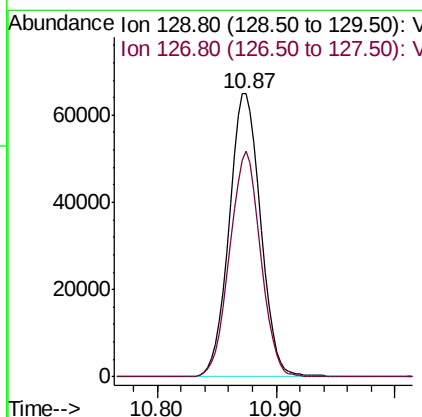
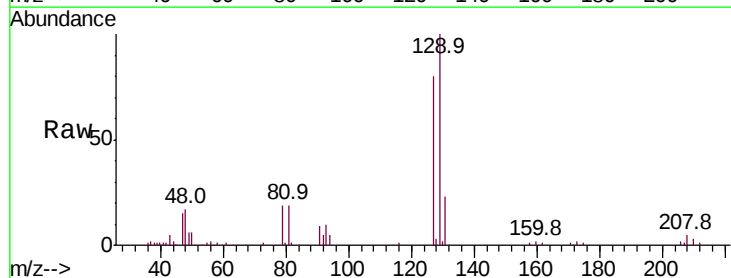
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

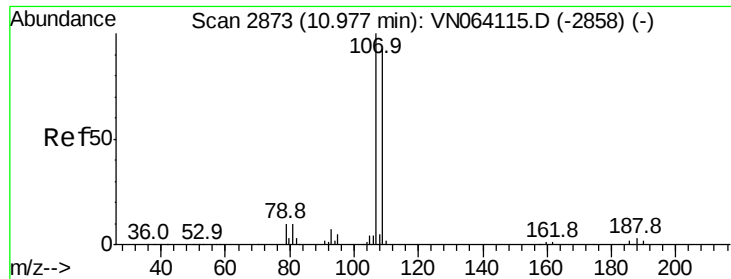
Tot Ion: 43 Resp: 548422
Ion Ratio Lower Upper
43 100
58 50.1 27.2 81.6



#60
Dibromochloromethane
Concen: 18.335 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion: 129 Resp: 119008
Ion Ratio Lower Upper
129 100
127 78.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.156 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

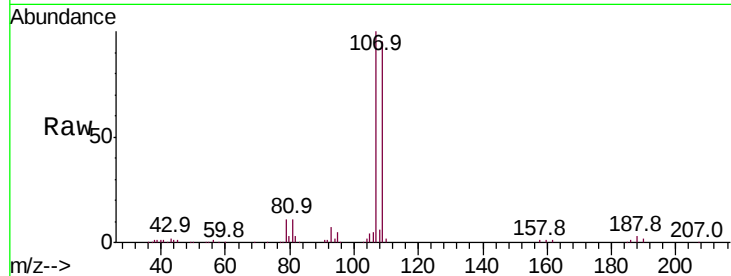
VN1016WBS01

Tot Ion:107 Resp: 112665

Ion Ratio Lower Upper

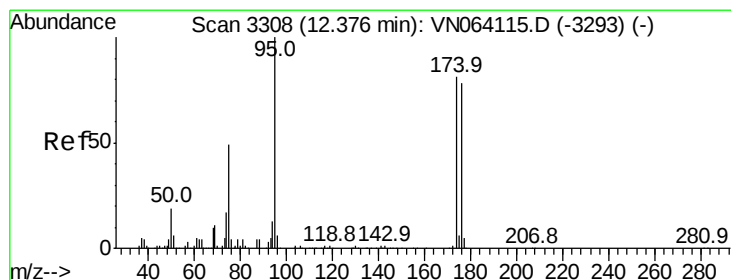
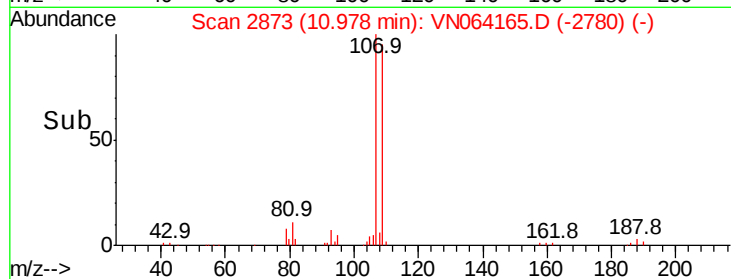
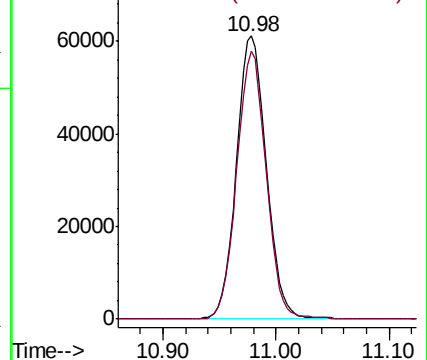
107 100

109 93.3 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.471 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

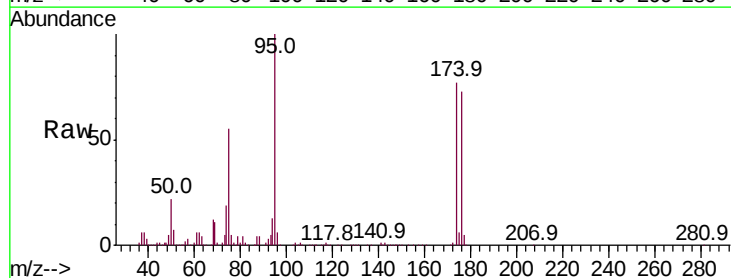
Tgt Ion: 95 Resp: 338384

Ion Ratio Lower Upper

95 100

174 76.4 0.0 164.8

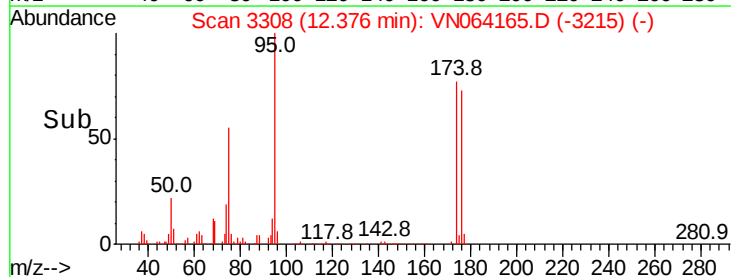
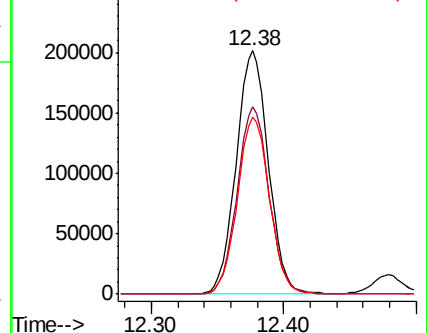
176 72.7 0.0 157.8

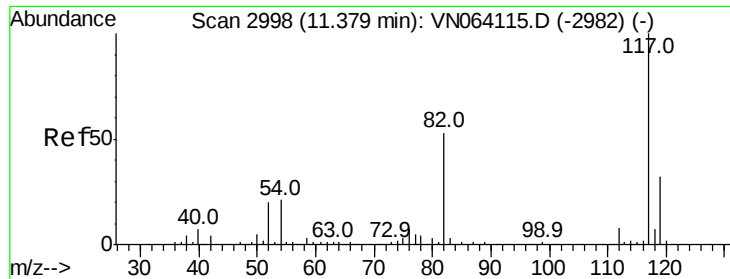


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

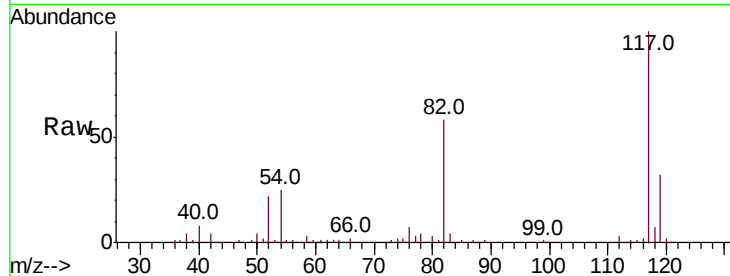




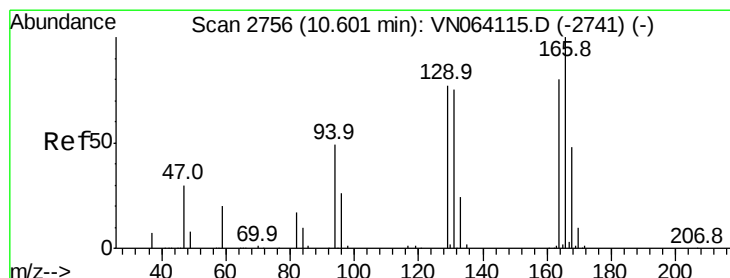
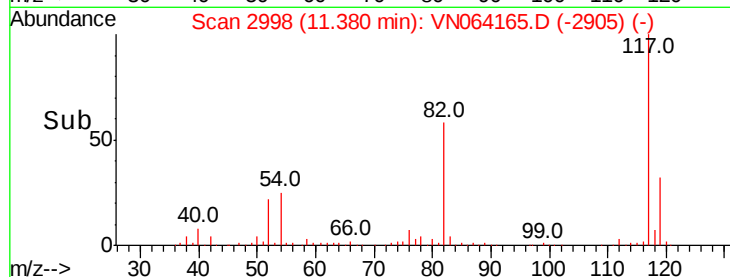
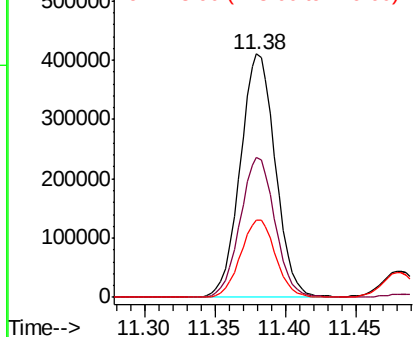
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

Tot Ion:117 Resp: 716232
Ion Ratio Lower Upper
117 100
82 57.6 42.6 63.8
119 31.6 25.5 38.3

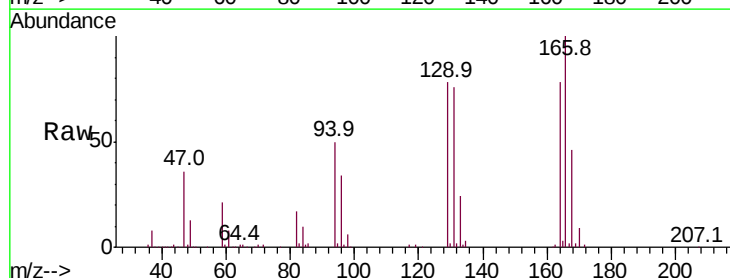


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

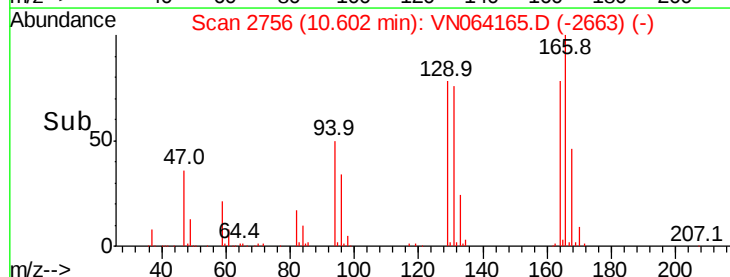
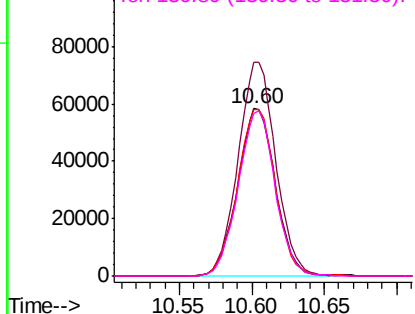


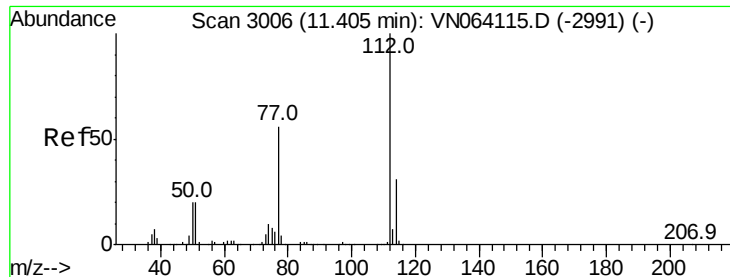
#64
Tetrachloroethene
Concen: 19.604 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion:164 Resp: 105861
Ion Ratio Lower Upper
164 100
166 127.2 99.7 149.5
129 99.1 77.0 115.4
131 97.3 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: 19.380 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

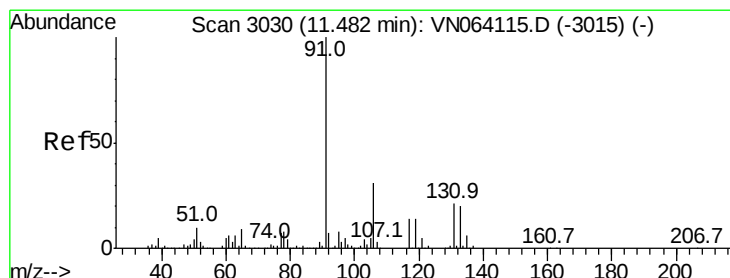
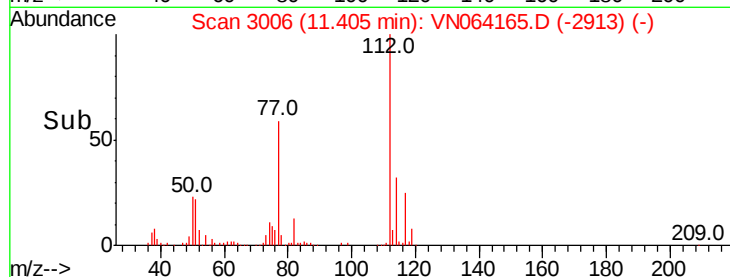
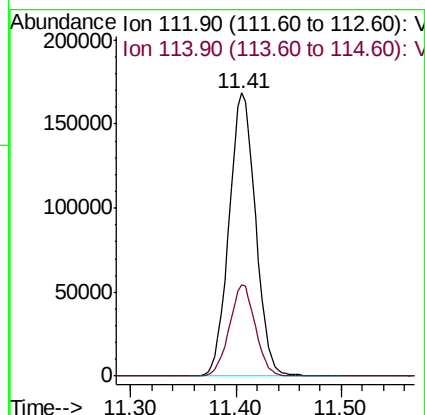
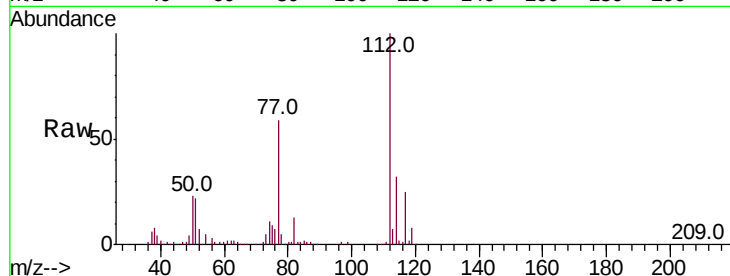
VN1016WBS01

Tot Ion:112 Resp: 292305

Ion Ratio Lower Upper

112 100

114 32.4 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.211 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

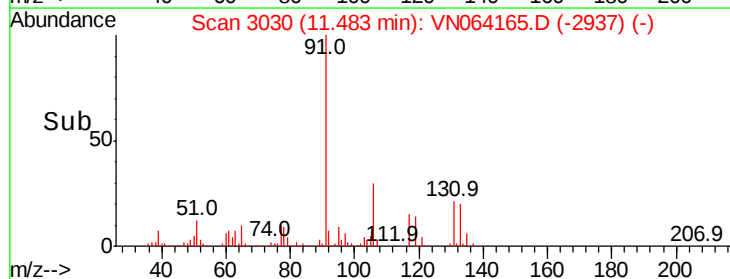
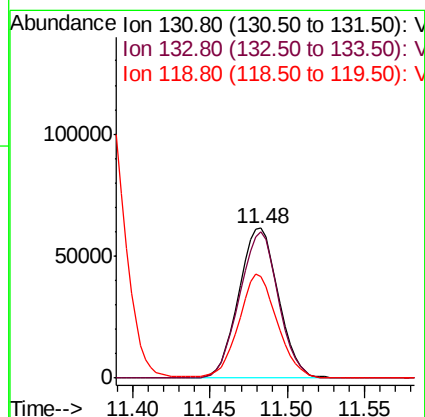
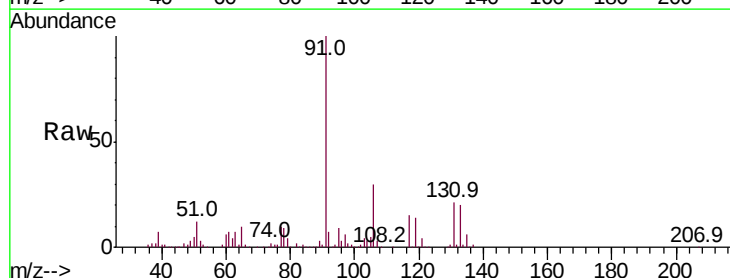
Tgt Ion:131 Resp: 110011

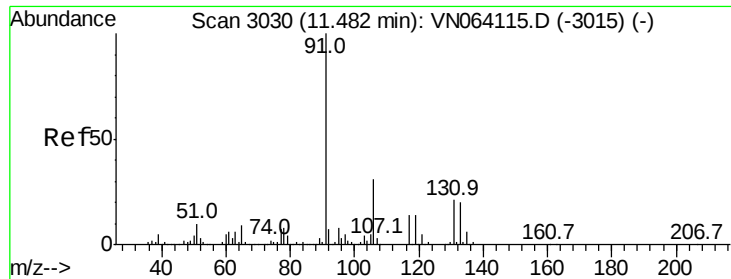
Ion Ratio Lower Upper

131 100

133 95.4 47.3 141.9

119 66.4 32.8 98.4

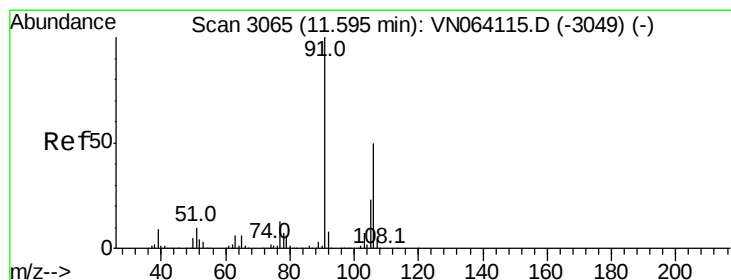
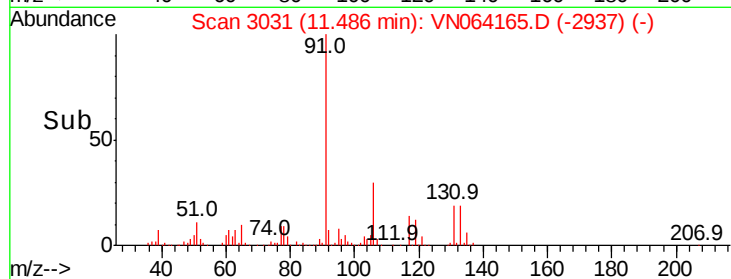
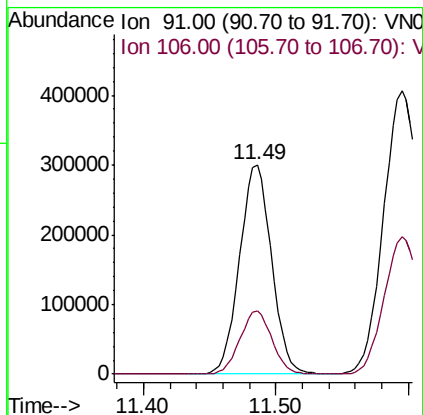
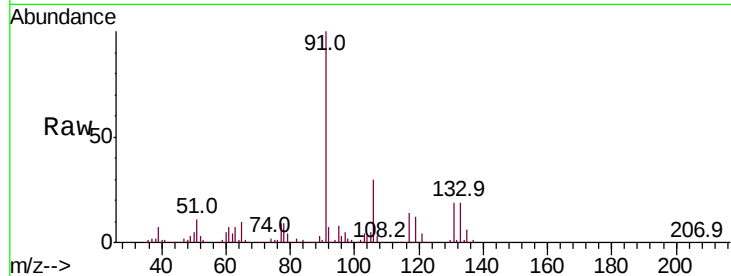




#67
Ethyl Benzene
Concen: 19.924 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

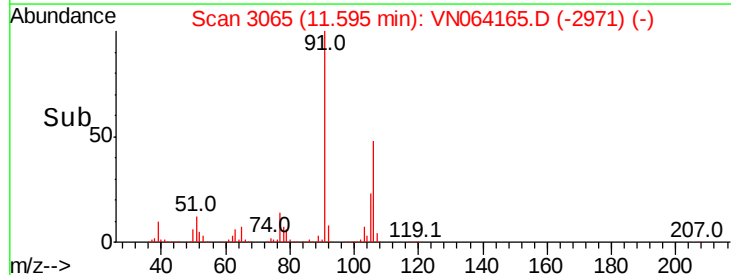
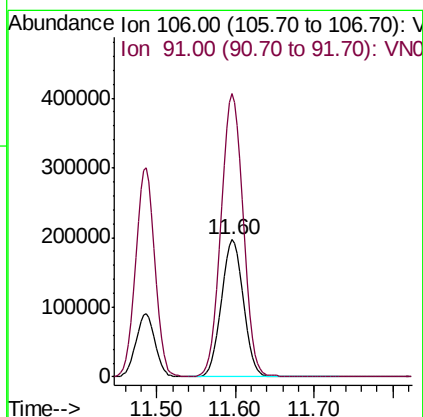
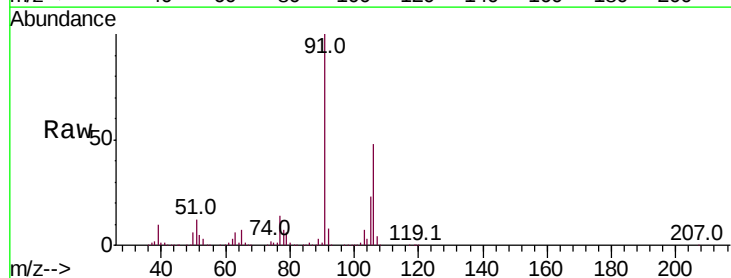
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

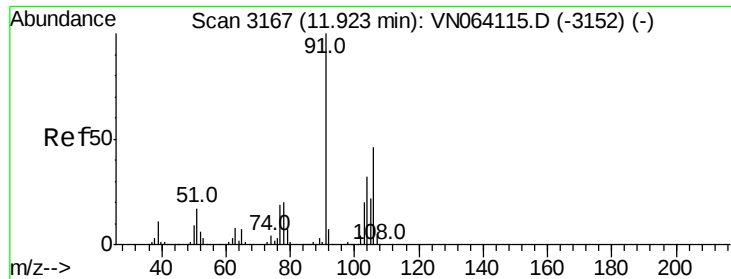
Tot Ion: 91 Resp: 503393
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1



#68
m/p-Xylenes
Concen: 37.971 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion: 106 Resp: 381014
Ion Ratio Lower Upper
106 100
91 205.9 162.1 243.1

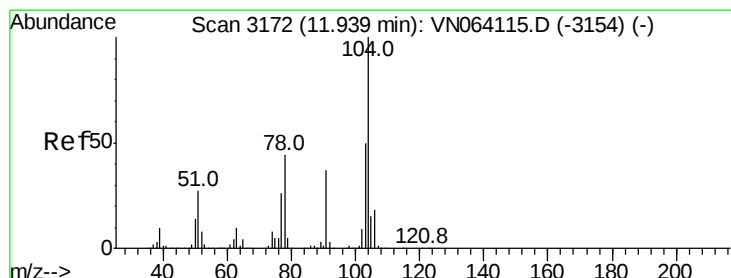
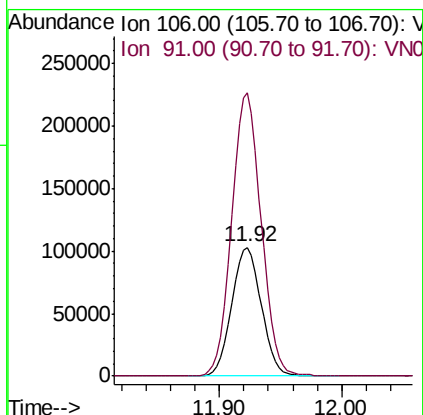
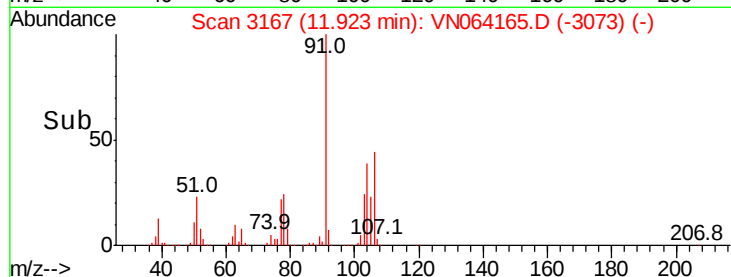
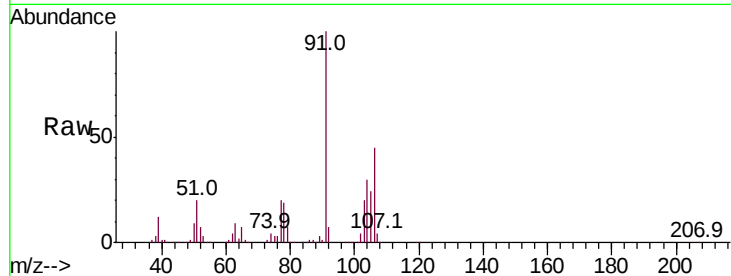




#69
o-Xylene
Concen: 18.481 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

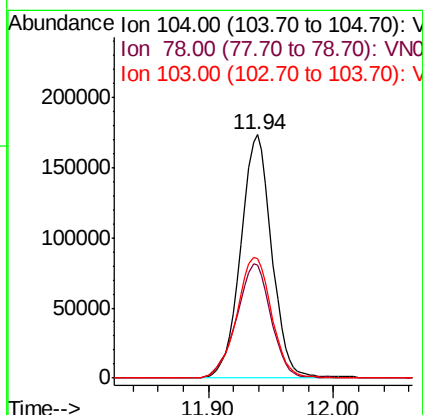
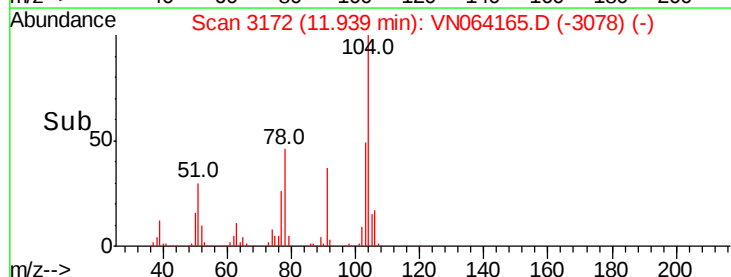
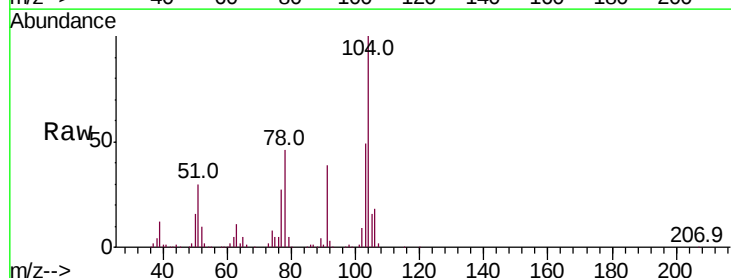
Instrument :
MSVOA_N
ClientSampled :
VN1016WBS01

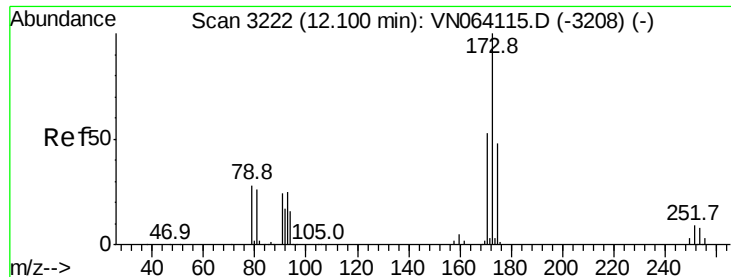
Tot Ion:106 Resp: 173923
Ion Ratio Lower Upper
106 100
91 218.7 107.6 322.8



#70
Styrene
Concen: 18.667 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion:104 Resp: 297952
Ion Ratio Lower Upper
104 100
78 51.9 39.7 59.5
103 55.5 44.2 66.2





#71

Bromoform

Concen: 18.261 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

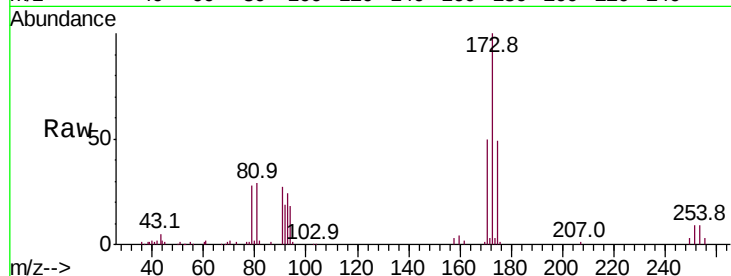
Tot Ion:173 Resp: 79598

Ion Ratio Lower Upper

173 100

175 48.5 23.4 70.2

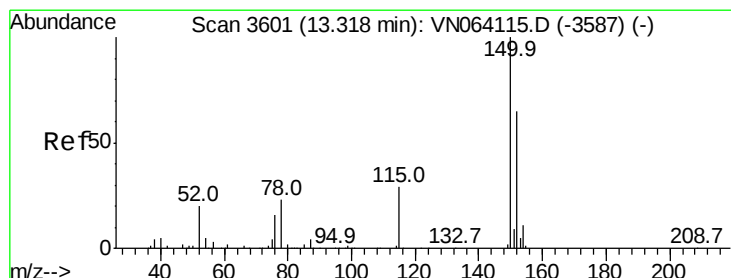
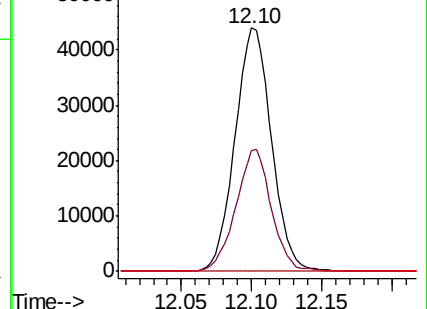
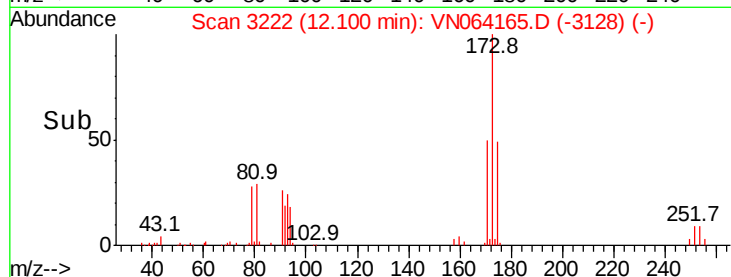
254 0.0 0.1 0.1#



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: VN064165.D

Acq: 16 Oct 2020 15:34

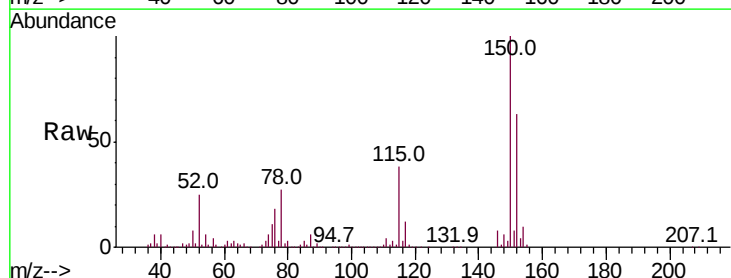
Tgt Ion:152 Resp: 321383

Ion Ratio Lower Upper

152 100

115 61.3 29.3 87.8

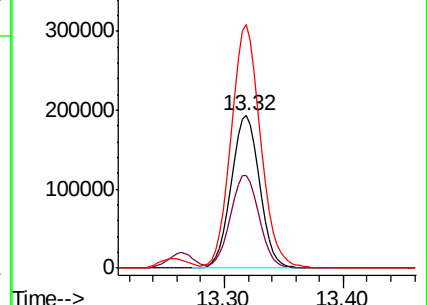
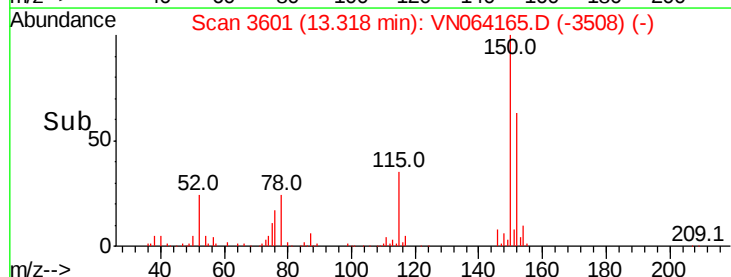
150 164.0 0.0 346.0

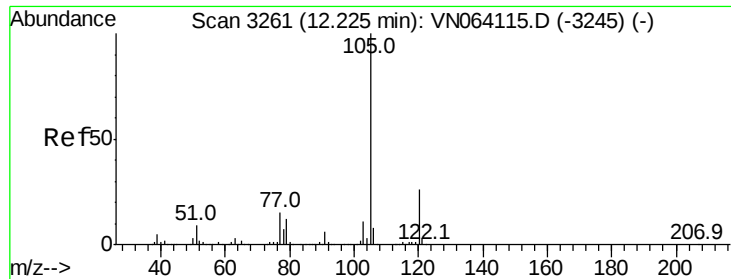


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.608 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

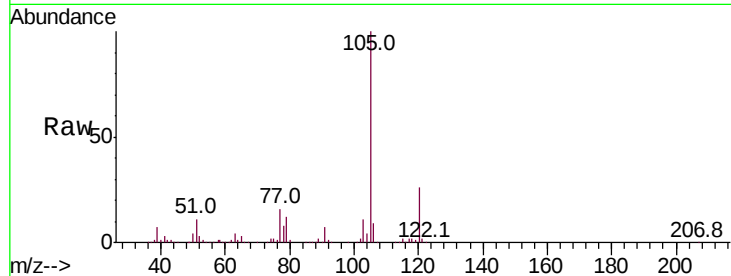
VN1016WBS01

Tot Ion:105 Resp: 456455

Ion Ratio Lower Upper

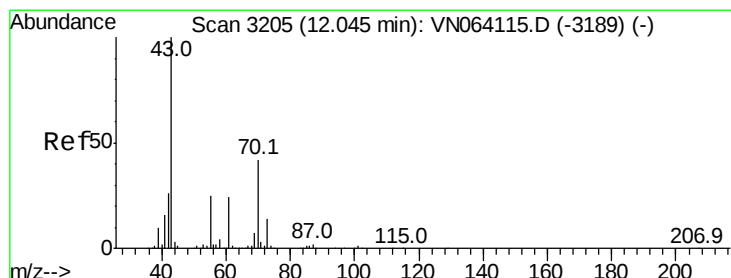
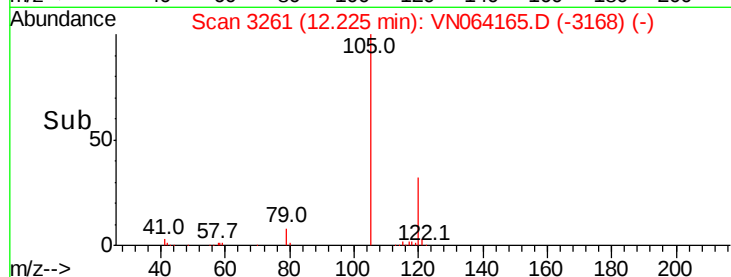
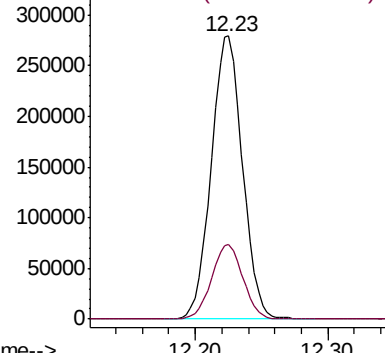
105 100

120 26.5 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: 21.744 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Tgt Ion: 43 Resp: 189566

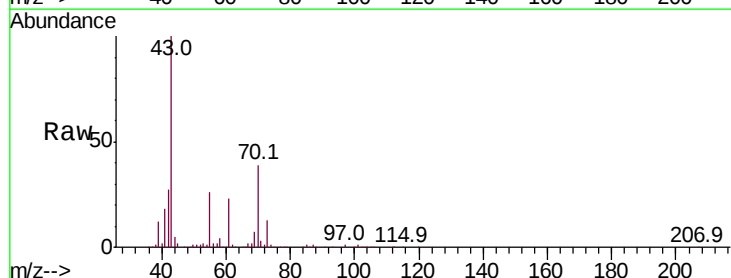
Ion Ratio Lower Upper

43 100

70 39.0 33.2 49.8

55 26.0 19.9 29.9

61 21.6 18.8 28.2

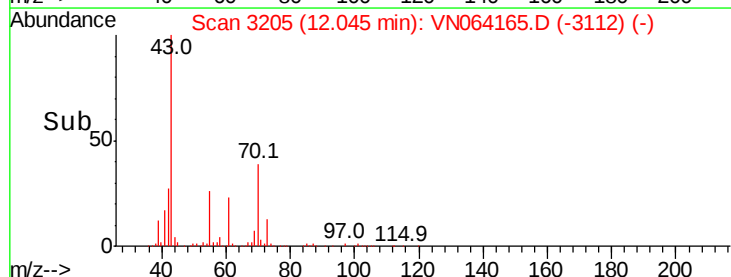
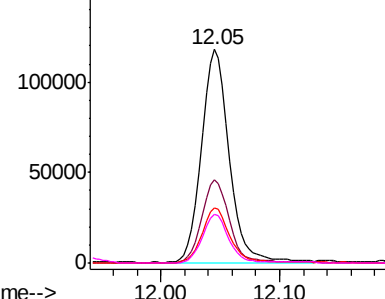


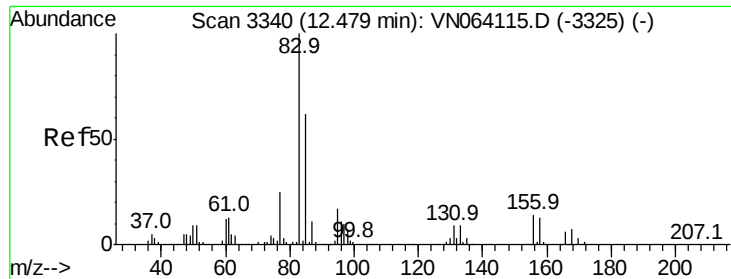
Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.398 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

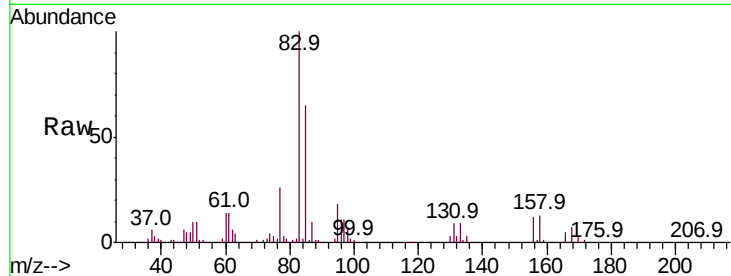
Tot Ion: 83 Resp: 155477

Ion	Ratio	Lower	Upper
83	100		
131	9.2	5.0	15.0
85	65.3	31.9	95.9

83 100

131 9.2 5.0 15.0

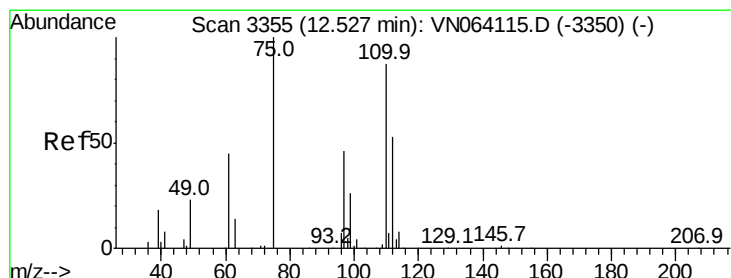
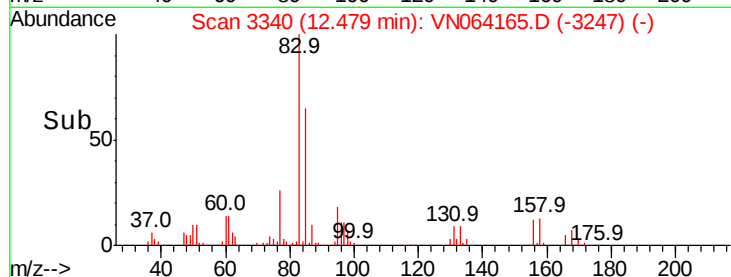
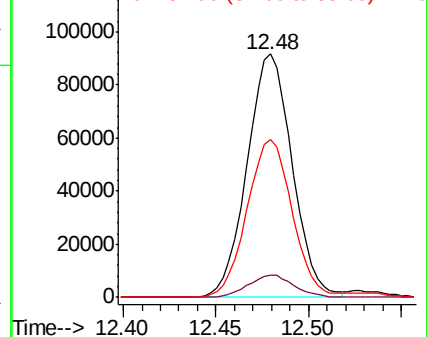
85 65.3 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN064165.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064165.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064165.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 27.155 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064165.D

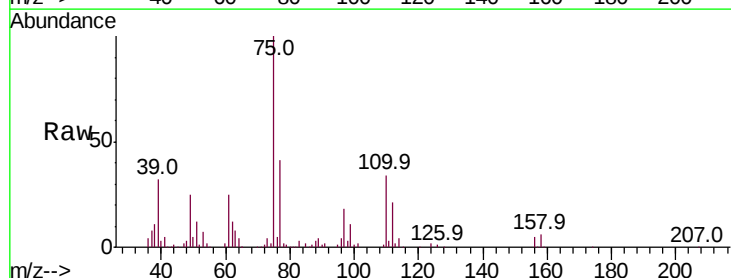
Acq: 16 Oct 2020 15:34

Tgt Ion: 75 Resp: 204743

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

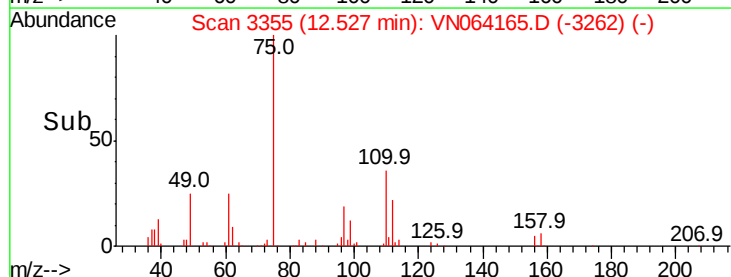
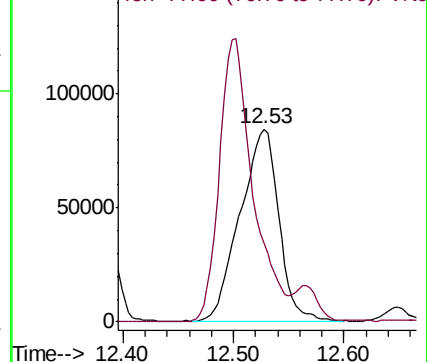
75 100

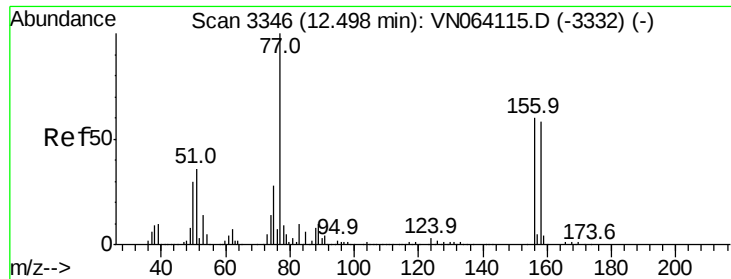
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064165.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064165.D (-3262) (-)

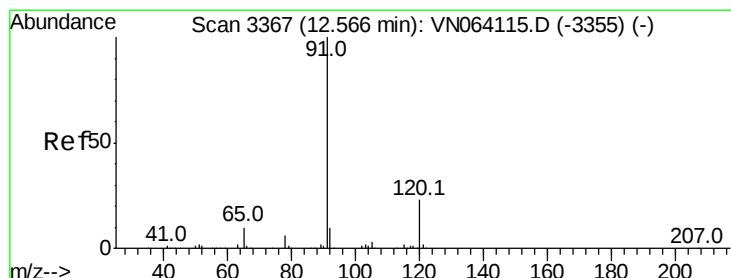
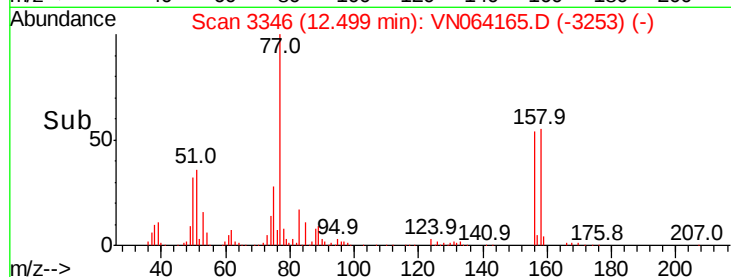
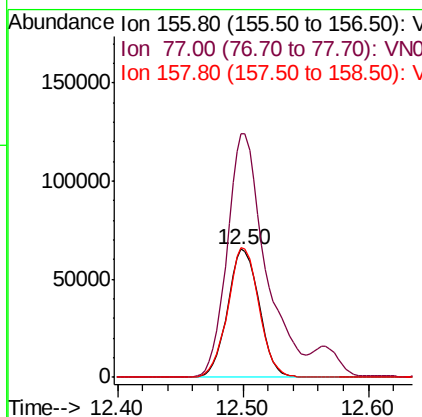
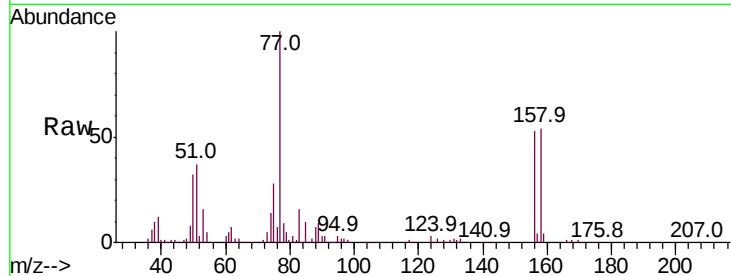




#77
Bromobenzene
Concen: 18.119 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

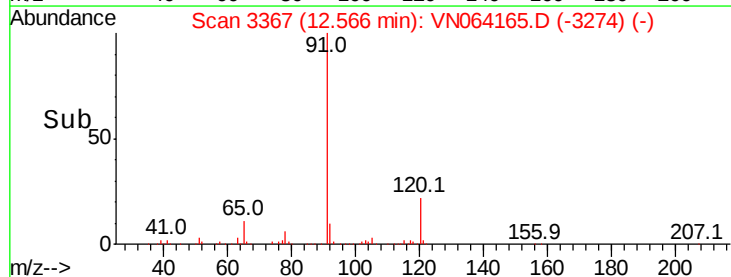
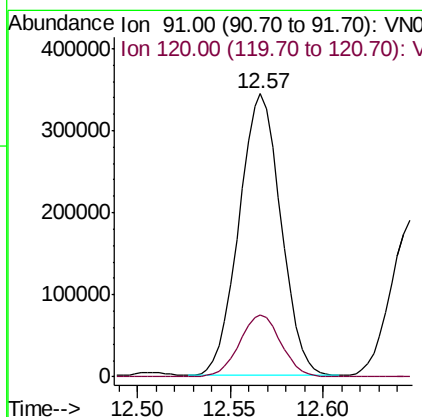
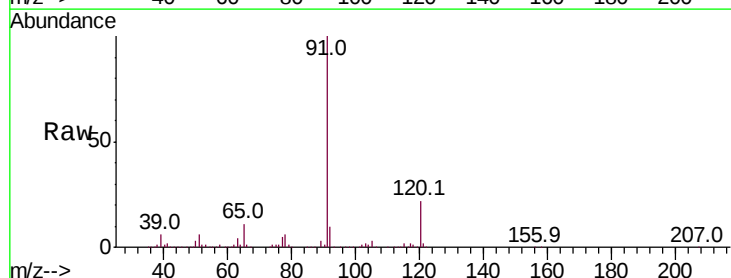
Instrument :
MSVOA_N
ClientSampled :
VN1016WBS01

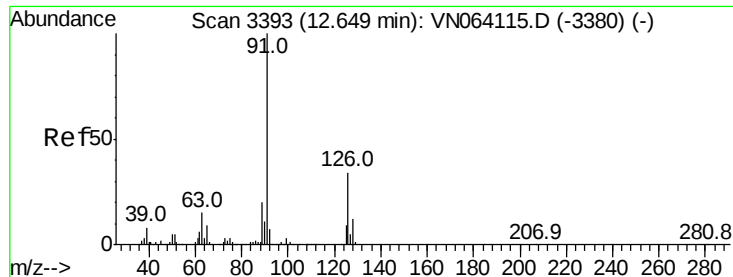
Tot Ion:156 Resp: 114511
Ion Ratio Lower Upper
156 100
77 229.3 99.3 297.9
158 100.3 48.6 145.9



#78
n-propylbenzene
Concen: 20.700 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion: 91 Resp: 537835
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.5





#79

2-Chlorotoluene

Concen: 19.569 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

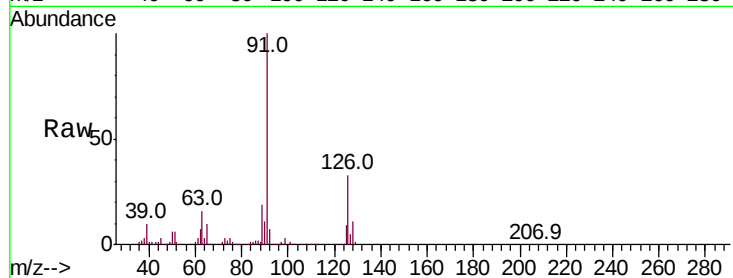
VN1016WBS01

Tot Ion: 91 Resp: 323377

Ion Ratio Lower Upper

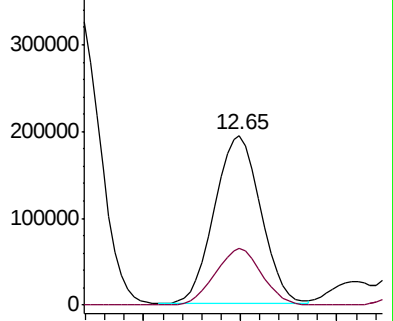
91 100

126 33.8 17.5 52.5

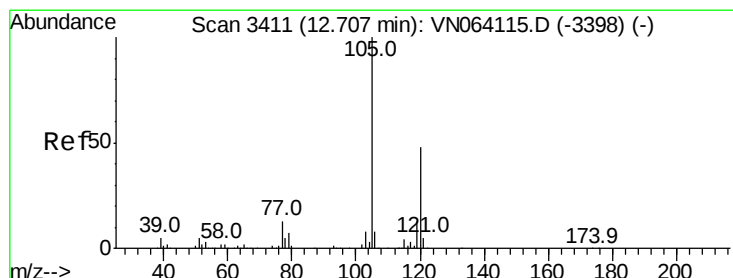
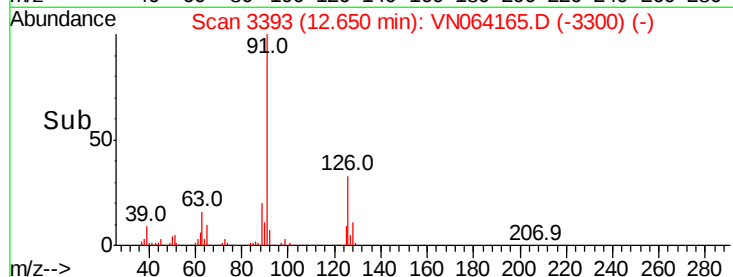


Abundance Ion 91.00 (90.70 to 91.70): VN064115.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064115.D (-3380) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.357 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064165.D

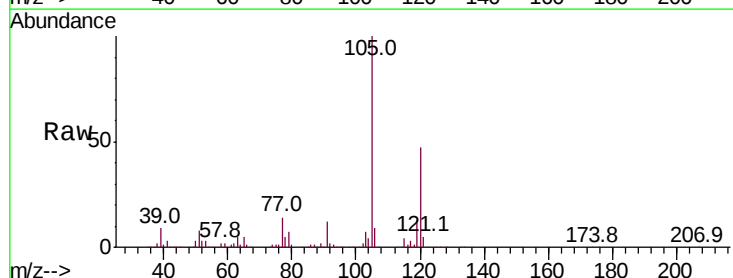
Acq: 16 Oct 2020 15:34

Tgt Ion: 105 Resp: 380385

Ion Ratio Lower Upper

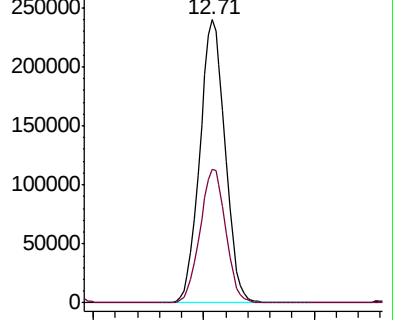
105 100

120 47.8 24.0 72.0

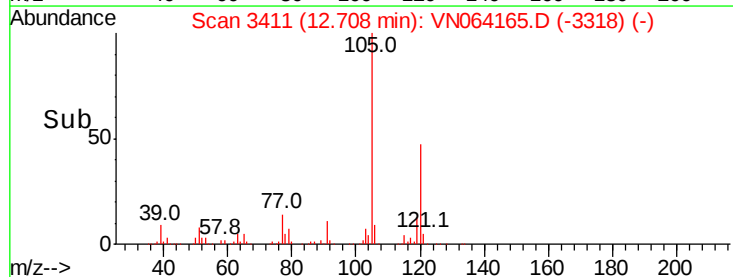


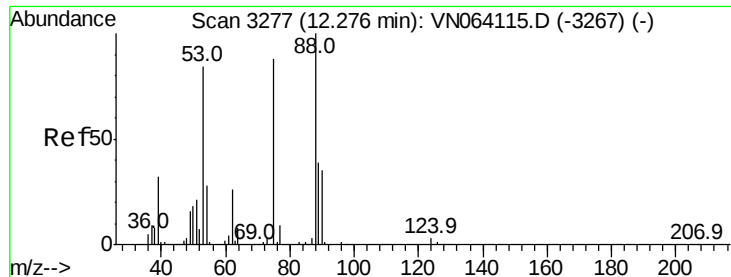
Abundance Ion 105.00 (104.70 to 105.70): VN064115.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN064115.D (-3398) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 20.651 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

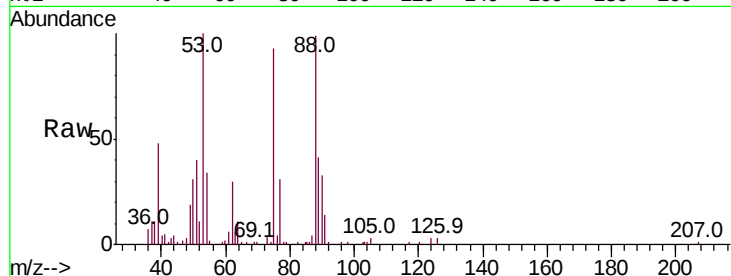
Tot Ion: 75 Resp: 50964

Ion Ratio Lower Upper

75 100

53 103.9 75.7 113.5

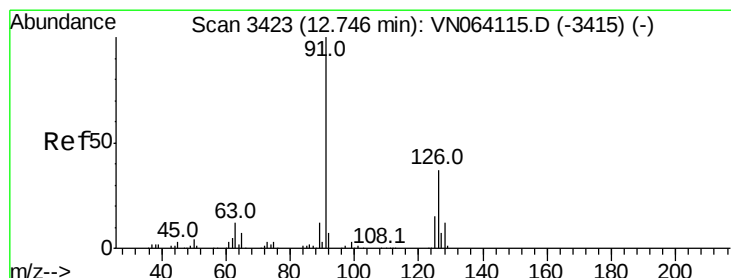
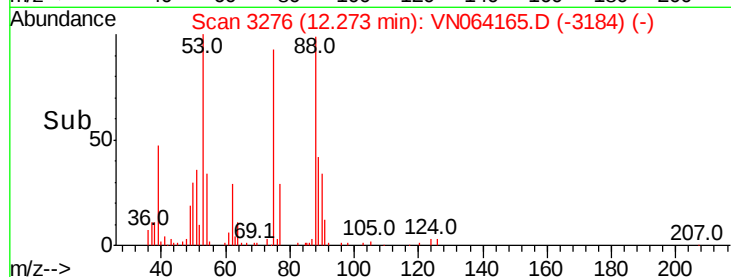
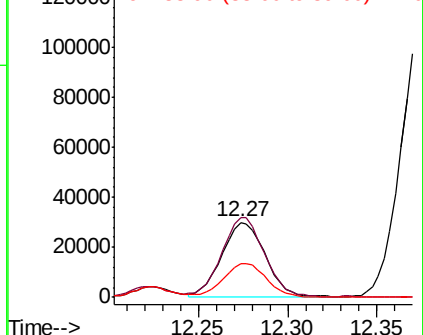
89 45.0 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 20.325 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064165.D

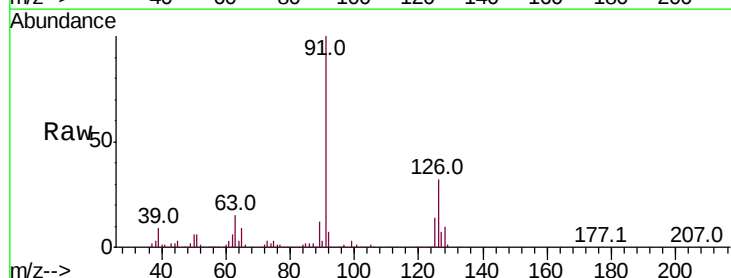
Acq: 16 Oct 2020 15:34

Tgt Ion: 91 Resp: 338520

Ion Ratio Lower Upper

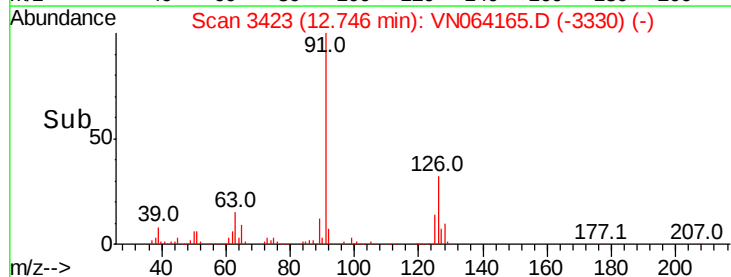
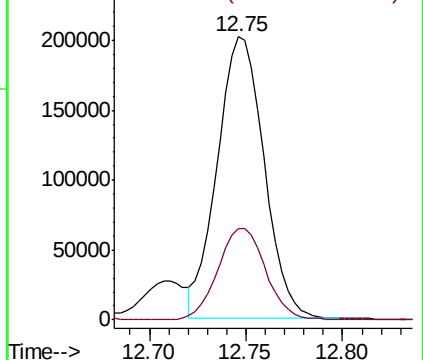
91 100

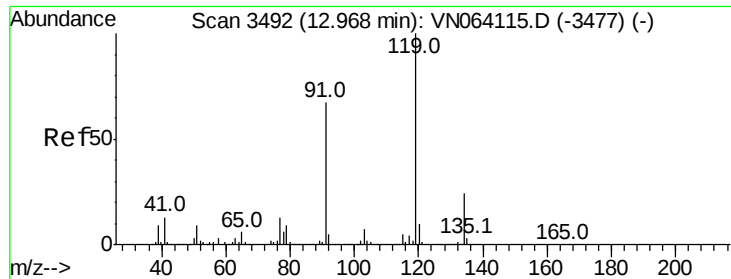
126 33.3 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): VNO

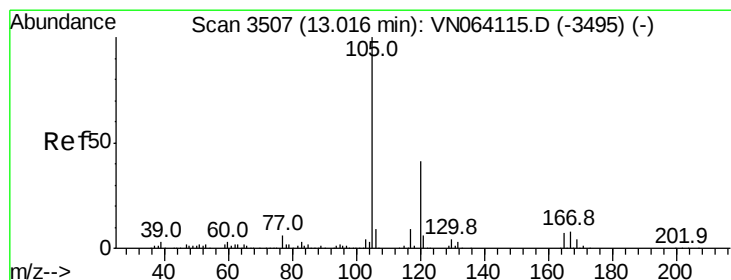
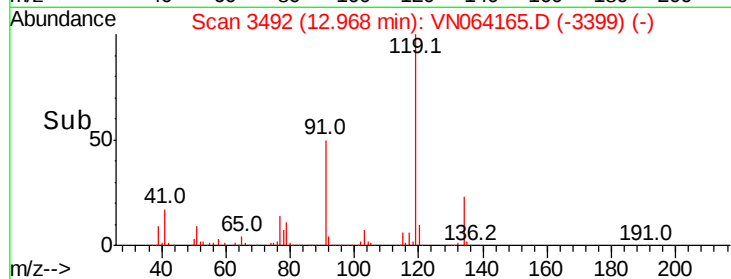
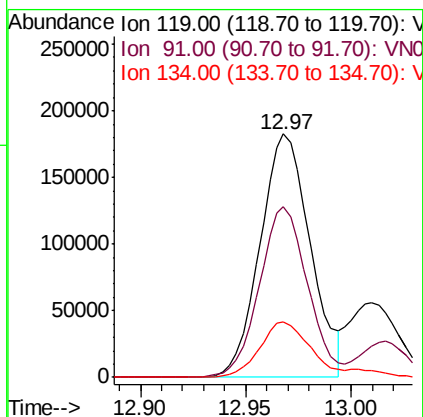
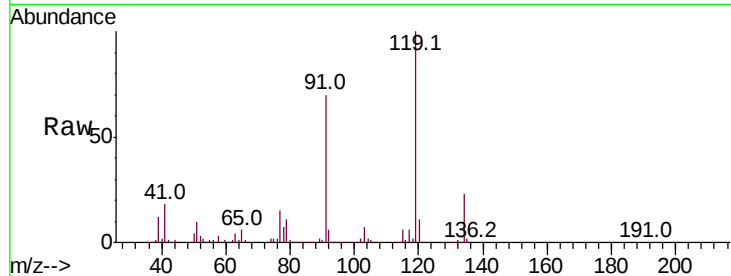




#83
 tert-Butylbenzene
 Concen: 19.609 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064165.D
 Acq: 16 Oct 2020 15:34

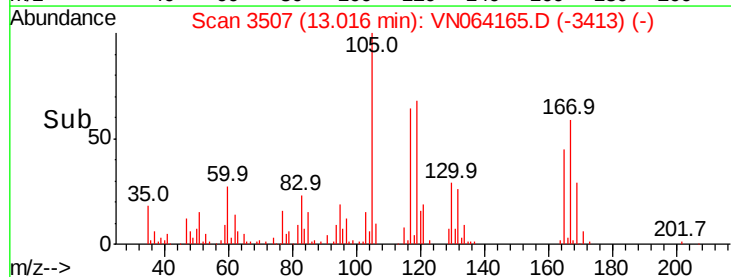
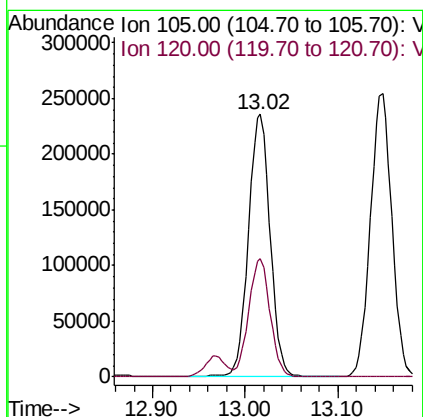
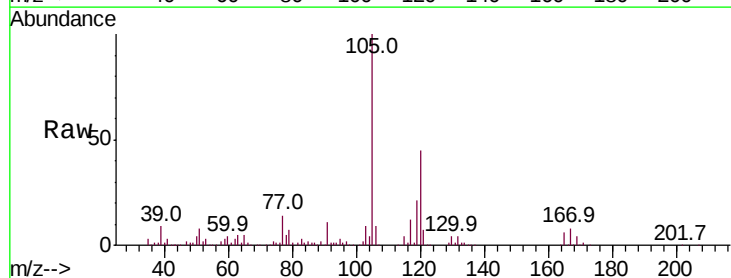
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

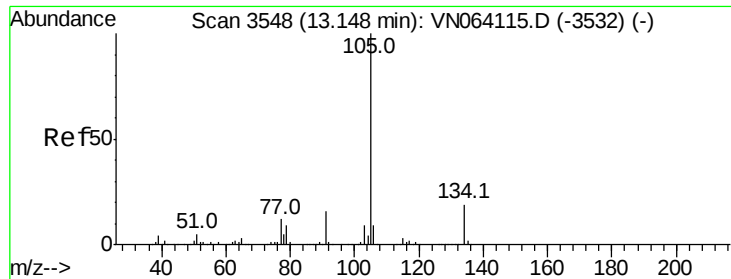
Tot Ion:119 Resp: 303025
 Ion Ratio Lower Upper
 119 100
 91 67.0 32.6 98.0
 134 22.8 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.832 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064165.D
 Acq: 16 Oct 2020 15:34

Tgt Ion:105 Resp: 384060
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.8 68.4

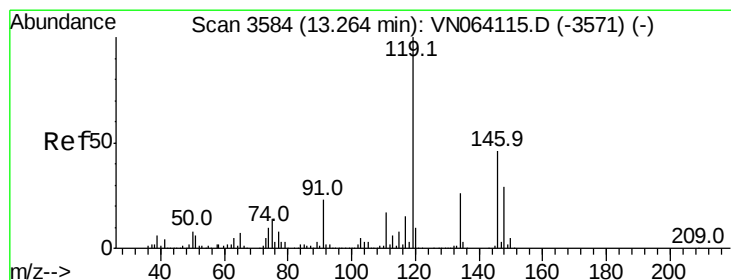
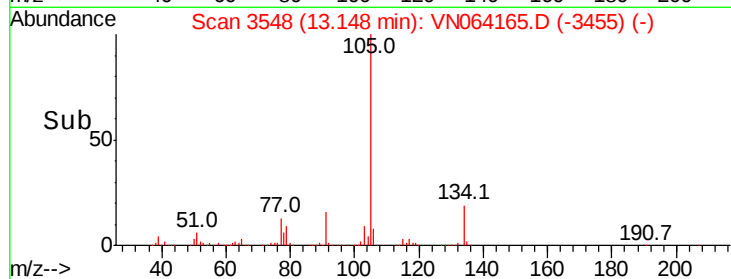
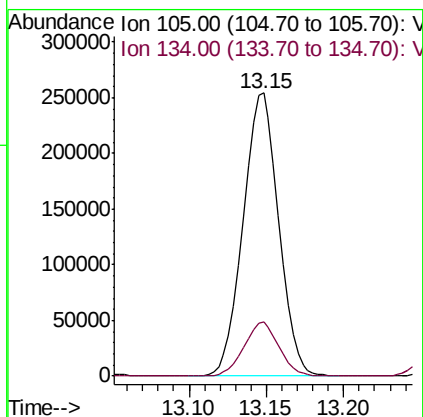
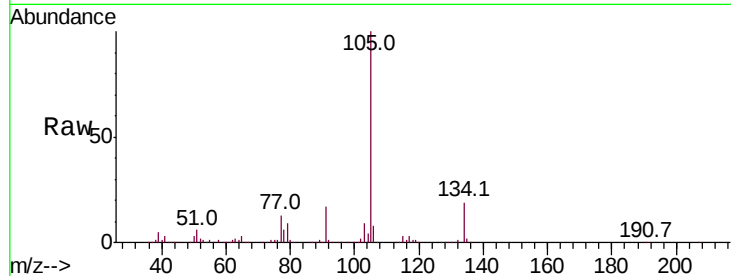




#85
 sec-Butylbenzene
 Concen: 20.396 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064165.D
 Acq: 16 Oct 2020 15:34

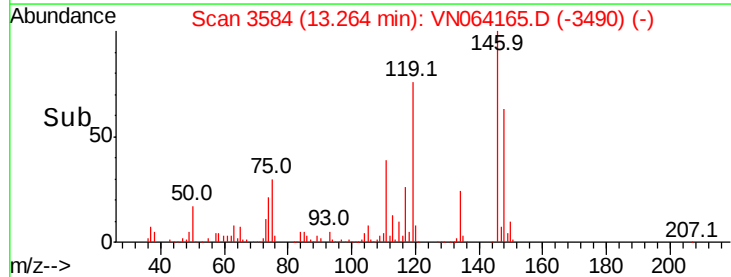
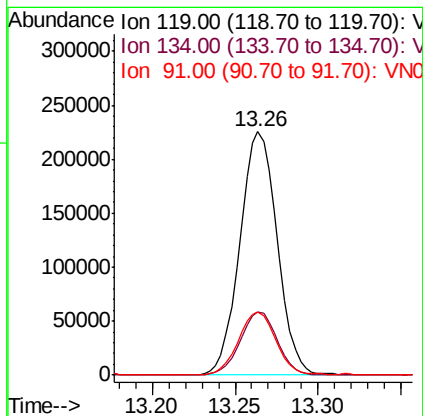
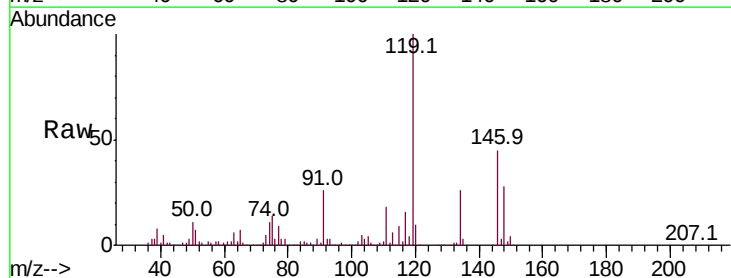
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

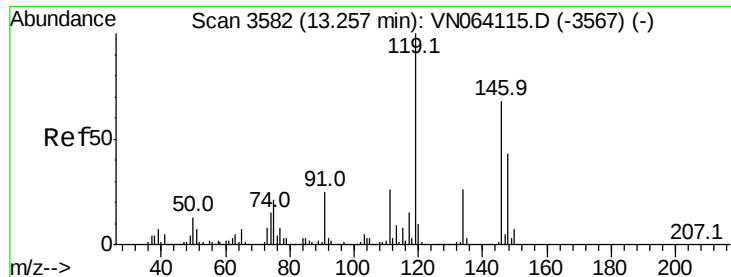
Tot Ion:105 Resp: 405186
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.117 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064165.D
 Acq: 16 Oct 2020 15:34

Tgt Ion:119 Resp: 351423
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.5
 91 26.1 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 19.273 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

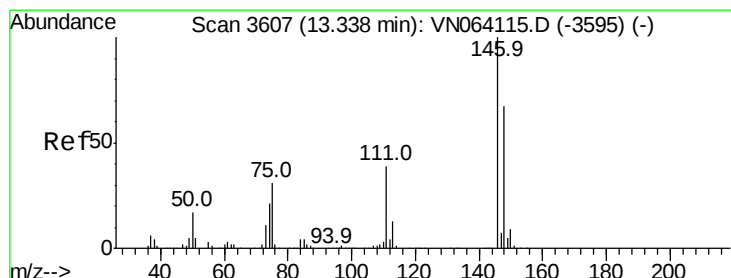
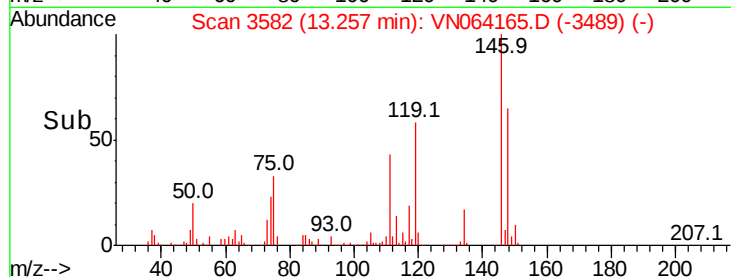
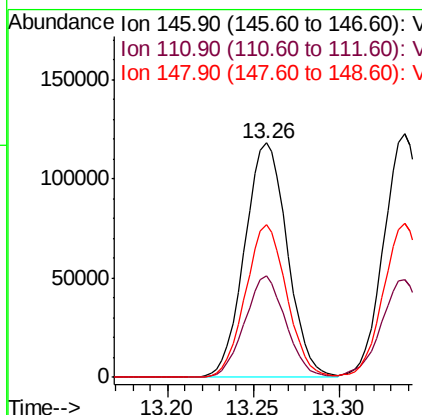
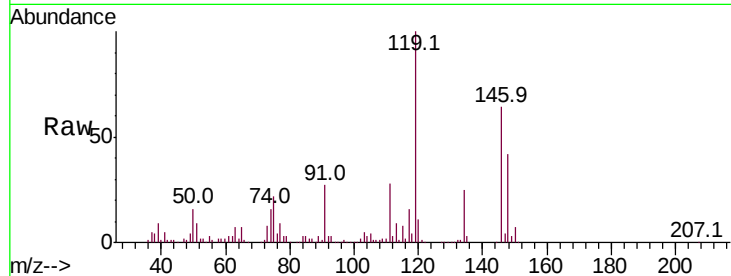
Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

Tot Ion:146 Resp: 202946

Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.7	59.1
148	63.2	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 18.849 ug/l

RT: 13.34 min Scan# 3607

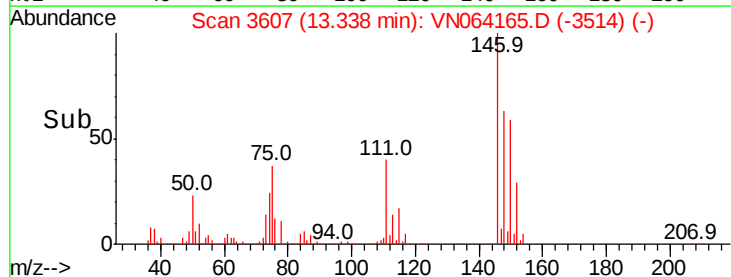
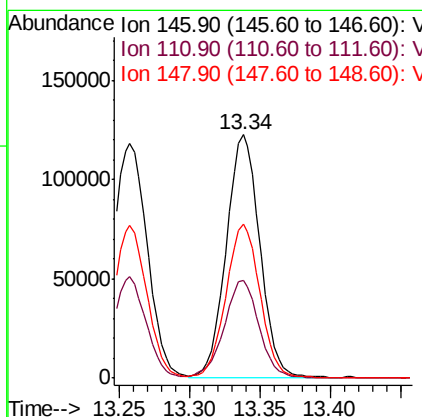
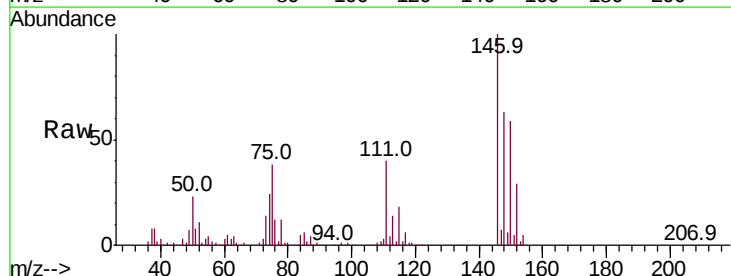
Delta R.T. 0.00 min

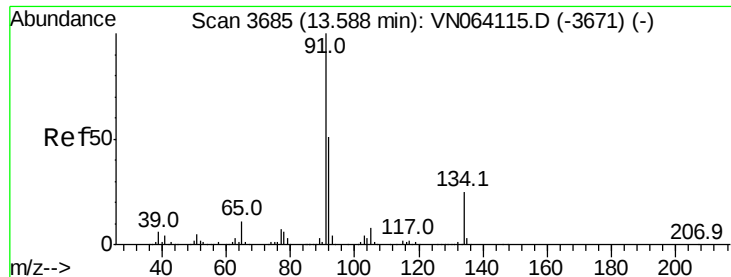
Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Tgt Ion:146 Resp: 203007

Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.3	57.9
148	64.4	32.1	96.5

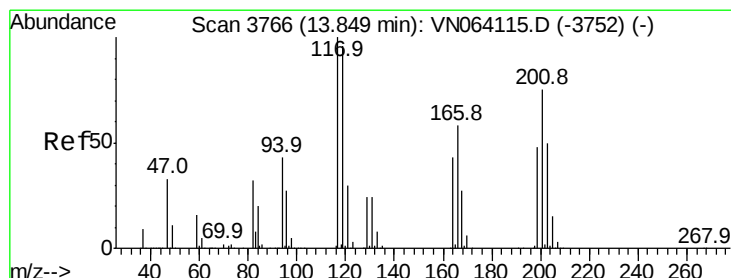
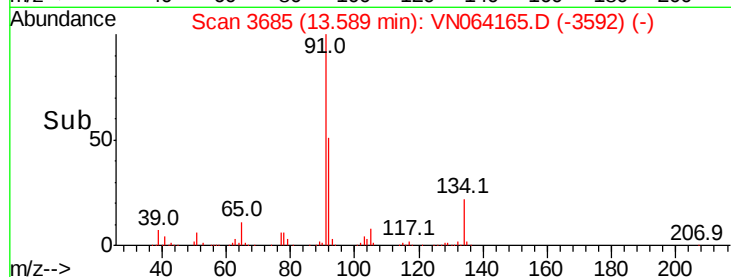
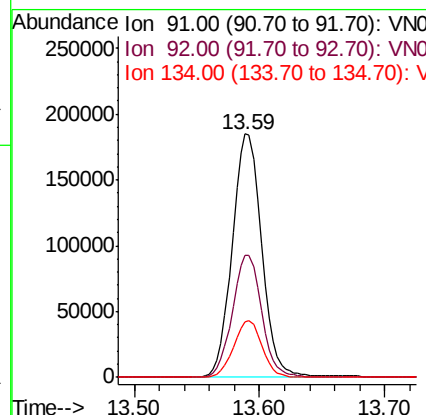
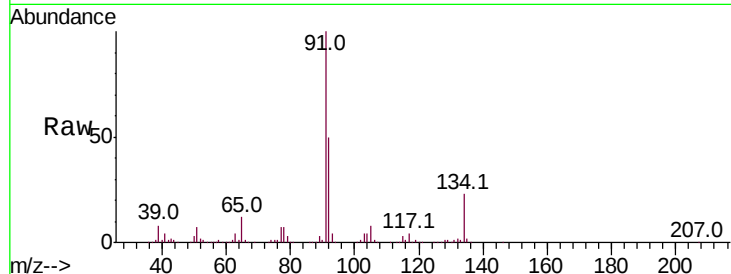




#89
n-Butylbenzene
Concen: 20.872 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

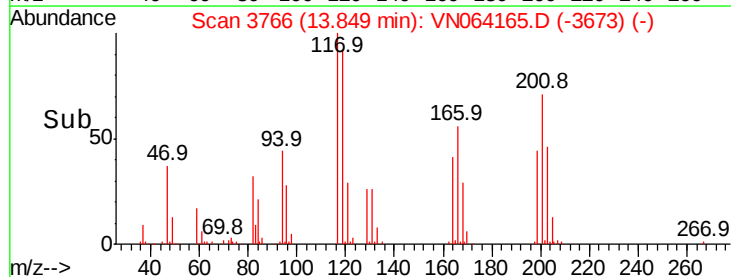
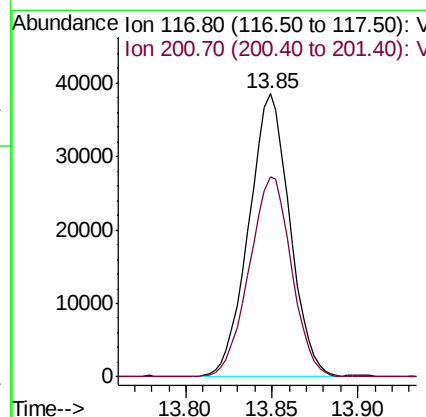
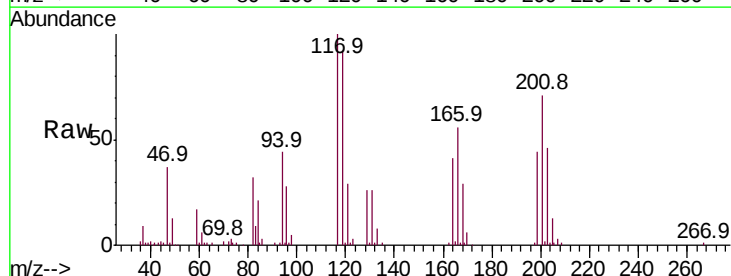
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

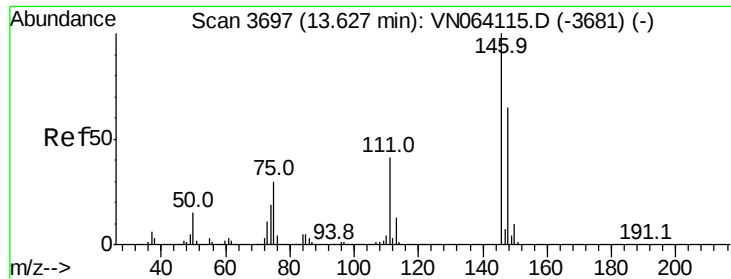
Tot Ion: 91 Resp: 302135
Ion Ratio Lower Upper
91 100
92 49.7 25.6 76.6
134 22.6 12.6 37.8



#90
Hexachloroethane
Concen: 19.274 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion: 117 Resp: 63722
Ion Ratio Lower Upper
117 100
201 72.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.141 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

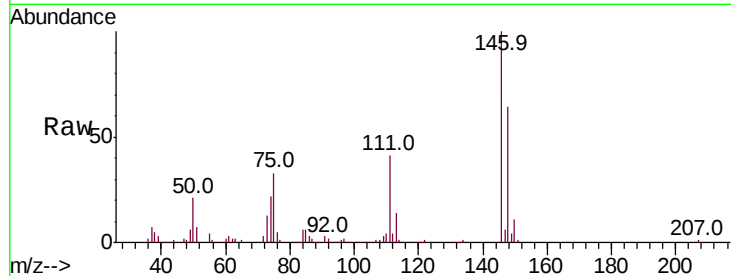
Tot Ion:146 Resp: 200606

Ion Ratio Lower Upper

146 100

111 42.7 20.3 60.8

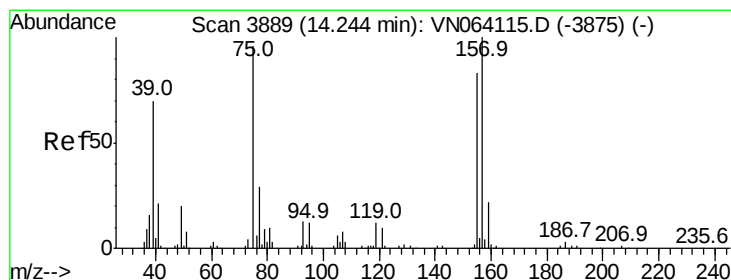
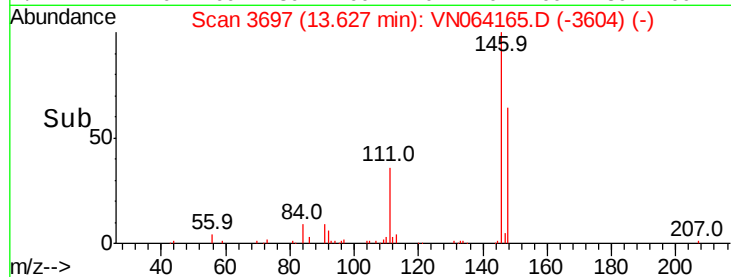
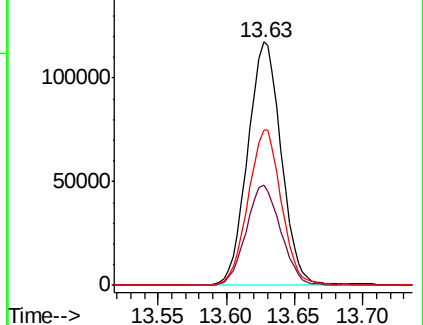
148 63.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.932 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064165.D

Acq: 16 Oct 2020 15:34

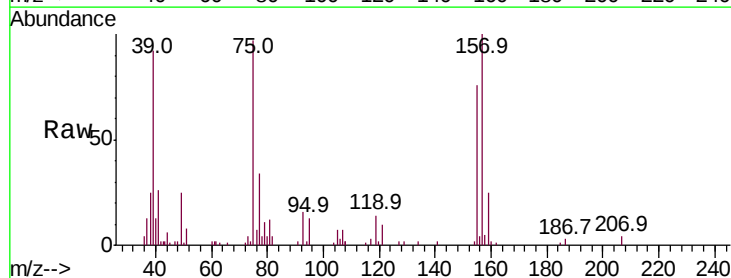
Tgt Ion: 75 Resp: 29205

Ion Ratio Lower Upper

75 100

155 75.2 40.8 122.2

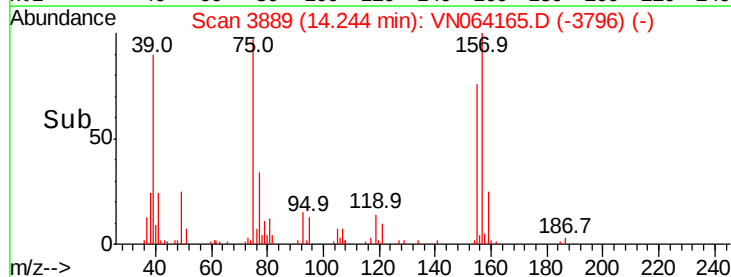
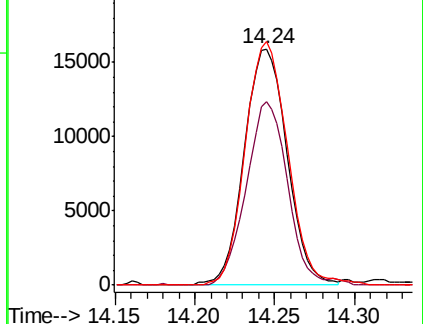
157 102.2 53.9 161.7

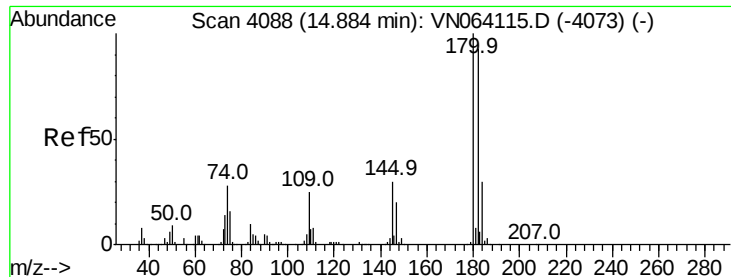


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

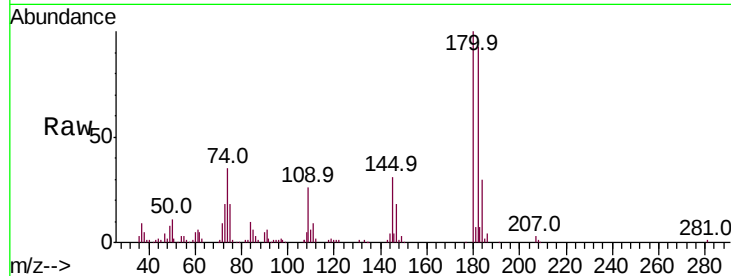




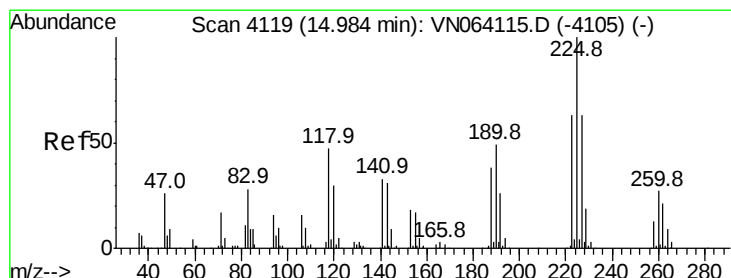
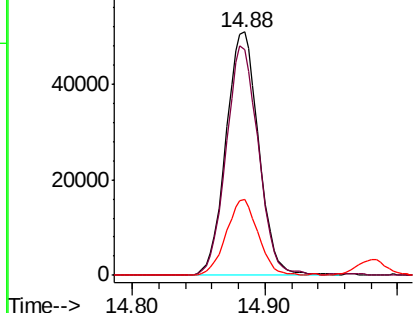
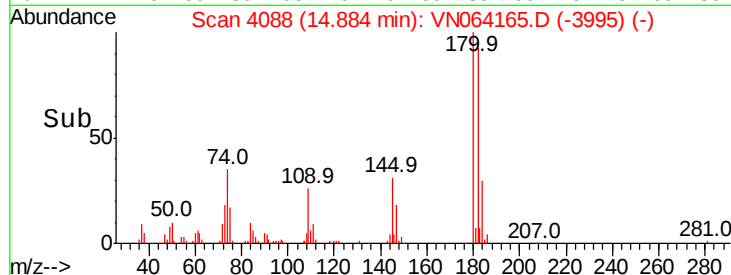
#93
 1,2,4-Trichlorobenzene
 Concen: 19.048 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064165.D
 Acq: 16 Oct 2020 15:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

Tot Ion:180 Resp: 87209
 Ion Ratio Lower Upper
 180 100
 182 93.1 45.8 137.4
 145 30.5 15.4 46.1

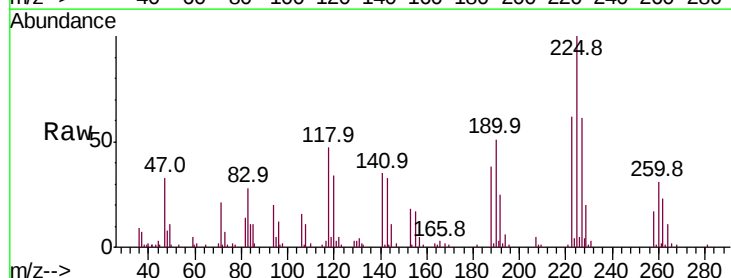


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

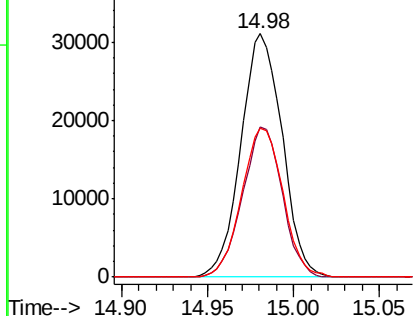
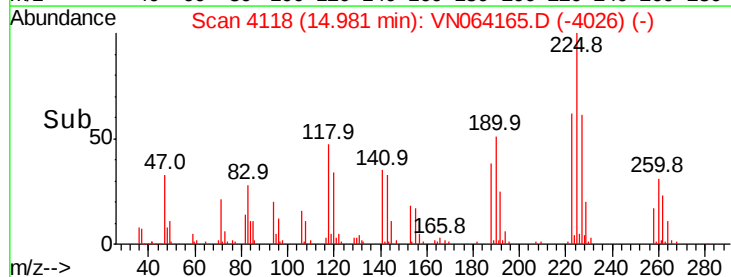


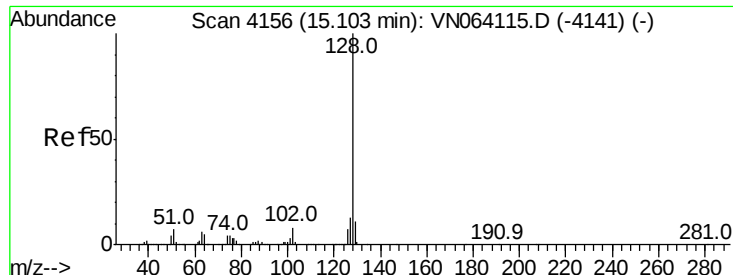
#94
 Hexachlorobutadiene
 Concen: 20.756 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064165.D
 Acq: 16 Oct 2020 15:34

Tgt Ion:225 Resp: 51822
 Ion Ratio Lower Upper
 225 100
 223 59.4 32.3 96.9
 227 61.6 31.6 94.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

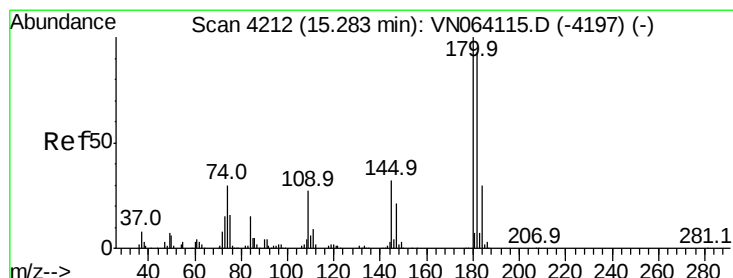
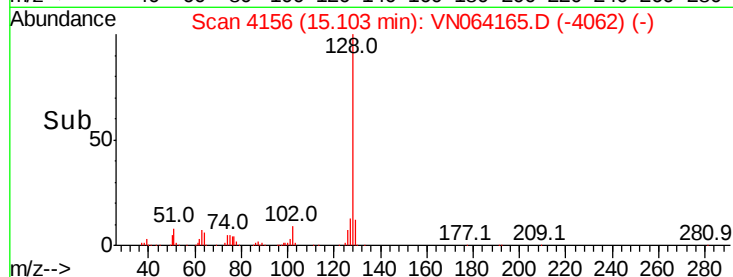
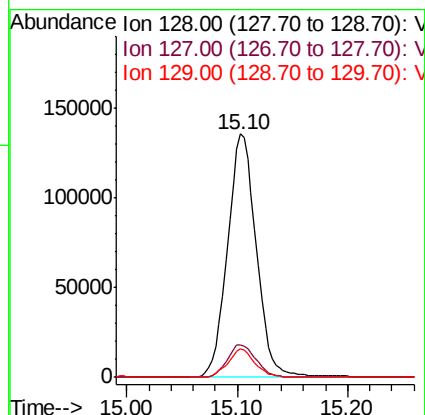
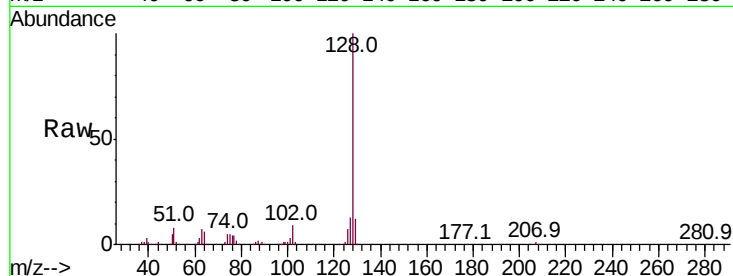




#95
Naphthalene
Concen: 18.287 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

Tot Ion:128 Resp: 246656
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 19.067 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064165.D
Acq: 16 Oct 2020 15:34

Tgt Ion:180 Resp: 88351
Ion Ratio Lower Upper
180 100
182 98.2 46.6 139.8
145 33.0 16.1 48.2

