

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\
 Data File : VN063725.D
 Acq On : 29 Sep 2020 14:11
 Operator : JC/MD
 Sample : VN0929WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

Quant Time: Sep 30 00:50:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	259870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	433043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	404091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192978	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	217521	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
35) Dibromofluoromethane	7.55	113	152439	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	10.06	98	550326	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
62) 4-Bromofluorobenzene	12.38	95	213972	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	46917	15.936	ug/l	96
3) Chloromethane	2.04	50	56176	14.424	ug/l	97
4) Vinyl Chloride	2.16	62	56318	16.321	ug/l	97
5) Bromomethane	2.53	94	36550	17.840	ug/l	92
6) Chloroethane	2.68	64	37516	17.712	ug/l	95
7) Trichlorofluoromethane	2.99	101	97200	18.880	ug/l	96
8) Diethyl Ether	3.38	74	36330	18.102	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	53863	18.604	ug/l	98
10) Methyl Iodide	3.91	142	58661	15.562	ug/l	98
11) Tert butyl alcohol	4.73	59	51722	84.398	ug/l	100
12) 1,1-Dichloroethene	3.70	96	50787	17.318	ug/l	95
13) Acrolein	3.57	56	13158	57.937	ug/l	99
14) Allyl chloride	4.28	41	88740	15.298	ug/l	89
15) Acrylonitrile	4.93	53	137542	88.233	ug/l	99
16) Acetone	3.78	43	126591	89.042	ug/l	98
17) Carbon Disulfide	4.02	76	122818	14.398	ug/l	97
18) Methyl Acetate	4.28	43	71579	19.833	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	192430	17.606	ug/l	99
20) Methylene Chloride	4.50	84	61976	17.206	ug/l	97
21) trans-1,2-Dichloroethene	5.00	96	55445	17.065	ug/l	96
22) Diisopropyl ether	5.90	45	204081	17.250	ug/l	90
23) Vinyl Acetate	5.85	43	840358	86.492	ug/l	99
24) 1,1-Dichloroethane	5.80	63	116606	18.053	ug/l	98
25) 2-Butanone	6.79	43	194687	89.039	ug/l	96
26) 2,2-Dichloropropane	6.78	77	98059	17.244	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	66589	18.107	ug/l	100
28) Bromochloromethane	7.15	49	58837	19.729	ug/l	95
29) Tetrahydrofuran	7.17	42	126963	85.019	ug/l	98
30) Chloroform	7.33	83	118308	18.257	ug/l	94
31) Cyclohexane	7.62	56	95940	15.703	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	107936	18.727	ug/l	100
36) 1,1-Dichloropropene	7.76	75	82012	17.777	ug/l	98
37) Ethyl Acetate	6.89	43	85276	18.833	ug/l	98
38) Carbon Tetrachloride	7.74	117	93543	19.863	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	82496	16.476	ug/l	96
40) Benzene	8.00	78	242382	18.405	ug/l	99
41) Methacrylonitrile	7.16	41	124058	60.918	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	103518	19.546	ug/l	98
43) Isopropyl Acetate	8.13	43	147727	18.246	ug/l #	91
44) Trichloroethene	8.80	130	61570	19.275	ug/l	93
45) 1,2-Dichloropropane	9.09	63	64051	17.857	ug/l	96
46) Dibromomethane	9.18	93	45898	19.469	ug/l	95
47) Bromodichloromethane	9.37	83	95030	19.403	ug/l	96
48) Methyl methacrylate	9.17	41	69039	17.356	ug/l	96
49) 1,4-Dioxane	9.17	88	20293	355.494	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	439976	97.069	ug/l	99
52) Toluene	10.13	92	150523	19.010	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	102508	18.748	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	105611	18.312	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	61878	19.674	ug/l	95
56) Ethyl methacrylate	10.40	69	89677	18.265	ug/l	96
57) 1,3-Dichloropropane	10.68	76	107358	18.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	213369	82.842	ug/l	97
59) 2-Hexanone	10.72	43	318072	96.862	ug/l	99
60) Dibromochloromethane	10.87	129	70580	19.864	ug/l	98
61) 1,2-Dibromoethane	10.98	107	64178	19.641	ug/l	98
64) Tetrachloroethene	10.60	164	57139	20.766	ug/l	97
65) Chlorobenzene	11.41	112	164155	19.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	63021	20.043	ug/l	98
67) Ethyl Benzene	11.49	91	296689	18.367	ug/l	99
68) m/p-Xylenes	11.59	106	221125	37.967	ug/l	97
69) o-Xylene	11.92	106	104600	18.853	ug/l	99
70) Styrene	11.94	104	177084	19.033	ug/l	99
71) Bromoform	12.10	173	47163	20.134	ug/l #	98
73) Isopropylbenzene	12.22	105	286228	18.509	ug/l	100
74) N-amyl acetate	12.05	43	123478	16.868	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	88655	18.515	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	123676	25.893	ug/l #	100
77) Bromobenzene	12.50	156	71392	20.523	ug/l	91
78) n-propylbenzene	12.57	91	324795	18.033	ug/l	99
79) 2-Chlorotoluene	12.65	91	201487	18.662	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	240989	18.688	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	28993	16.642	ug/l	95
82) 4-Chlorotoluene	12.75	91	209840	18.394	ug/l	100
83) tert-Butylbenzene	12.97	119	197341	18.542	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	237310	18.219	ug/l	98
85) sec-Butylbenzene	13.15	105	257749	18.093	ug/l	97
86) p-Isopropyltoluene	13.26	119	232254	18.484	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	124340	19.285	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	123612	18.857	ug/l	99
89) n-Butylbenzene	13.59	91	199473	17.223	ug/l	99
90) Hexachloroethane	13.85	117	41624	17.397	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	122055	19.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19673	17.254	ug/l	96

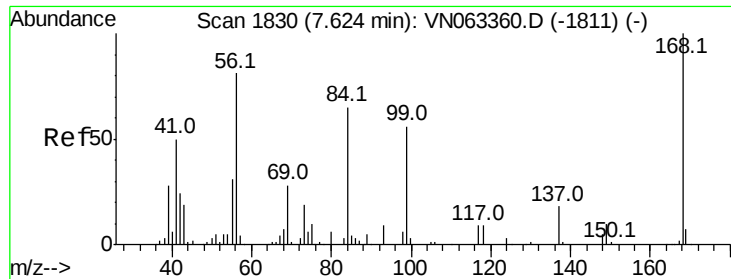
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092920\
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	64205	17.205	ug/l	98
94) Hexachlorobutadiene	14.98	225	33821	21.892	ug/l	97
95) Naphthalene	15.10	128	201854	16.373	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	62806	17.419	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

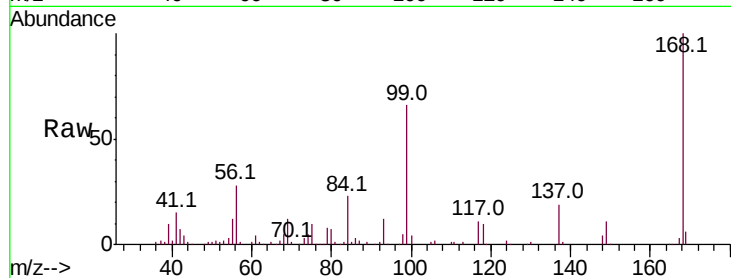
VN0929WBS01

Tot Ion:168 Resp: 259870

Ion Ratio Lower Upper

168 100

99 65.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

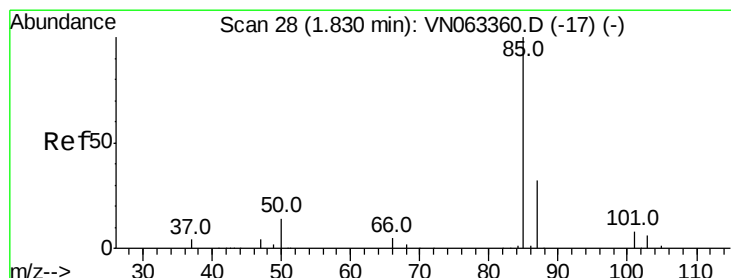
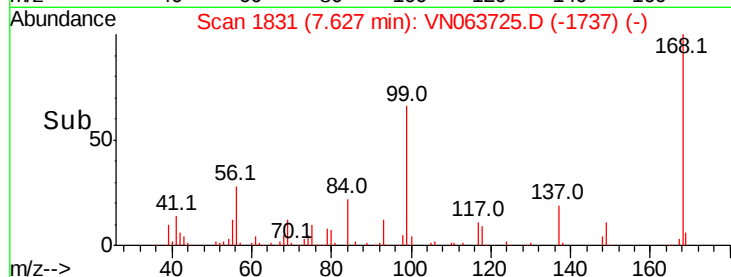
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.936 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063725.D

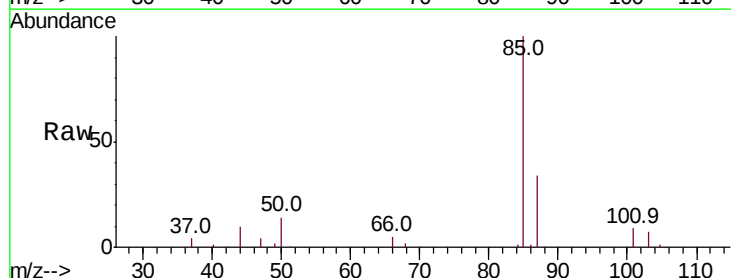
Acq: 29 Sep 2020 14:11

Tgt Ion: 85 Resp: 46917

Ion Ratio Lower Upper

85 100

87 34.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

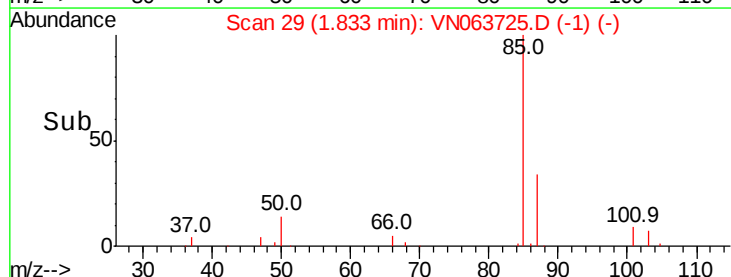
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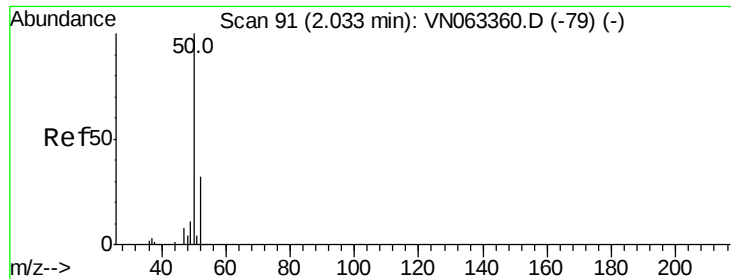
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Time-->

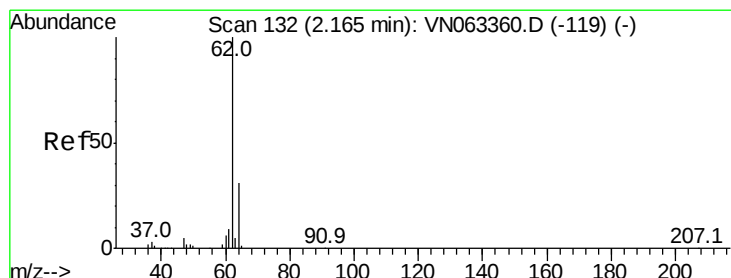
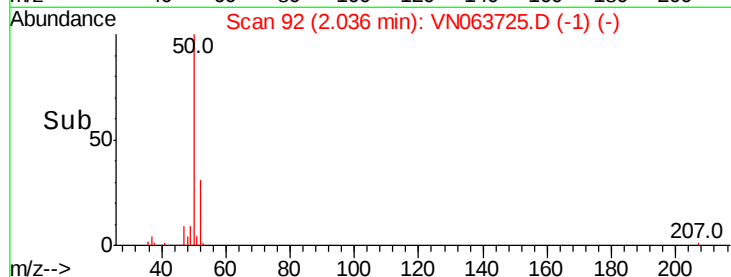
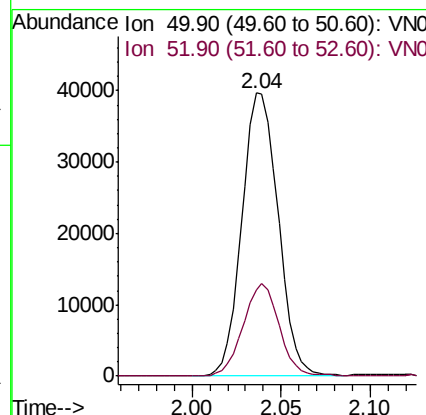
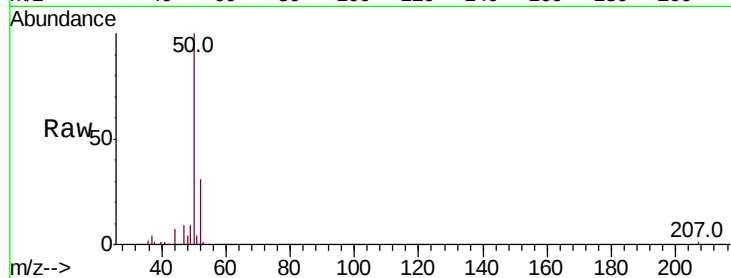




#3
Chloromethane
Concen: 14.424 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

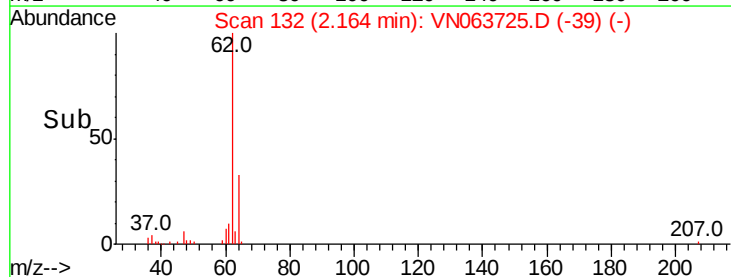
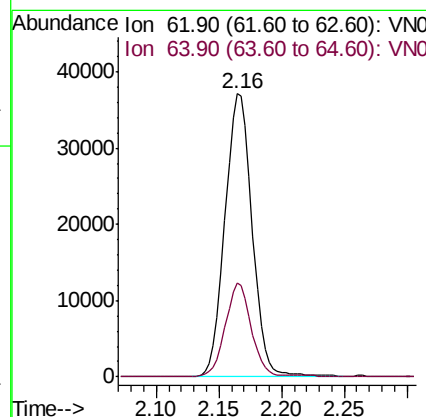
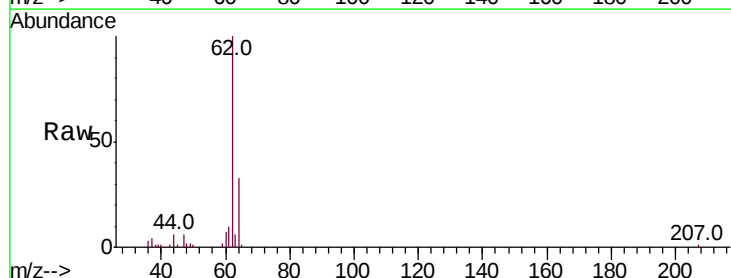
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

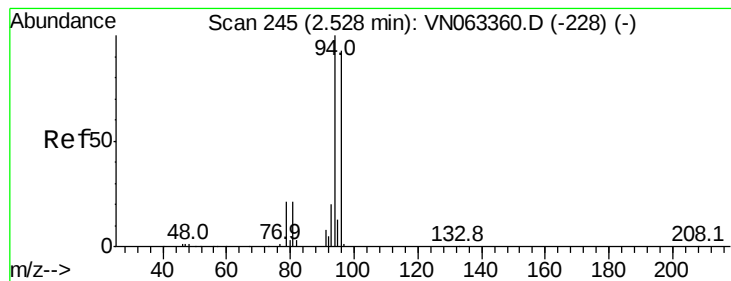
Tot Ion: 50 Resp: 56176
Ion Ratio Lower Upper
50 100
52 30.7 25.9 38.9



#4
Vinyl Chloride
Concen: 16.321 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion: 62 Resp: 56318
Ion Ratio Lower Upper
62 100
64 33.0 25.1 37.7





#5

Bromomethane

Concen: 17.840 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

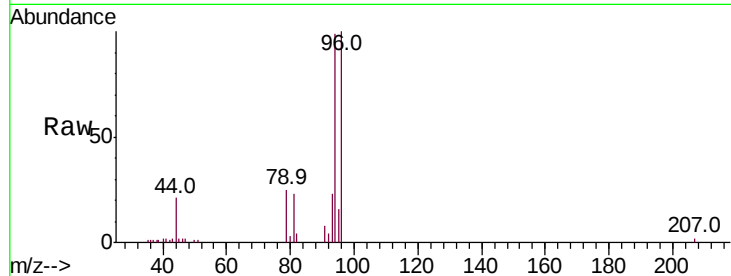
VN0929WBS01

Tot Ion: 94 Resp: 36550

Ion Ratio Lower Upper

94 100

96 100.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

20000

15000

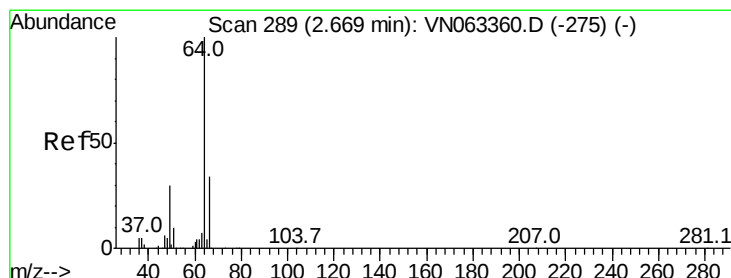
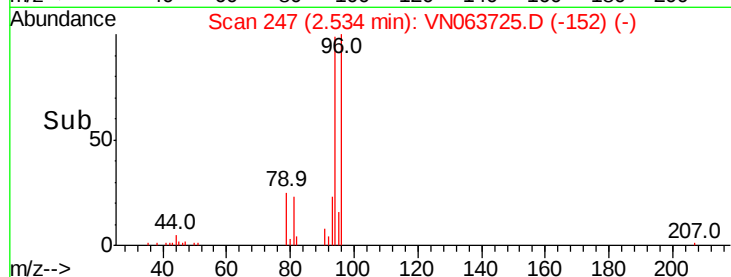
10000

5000

0

2.45 2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 17.712 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063725.D

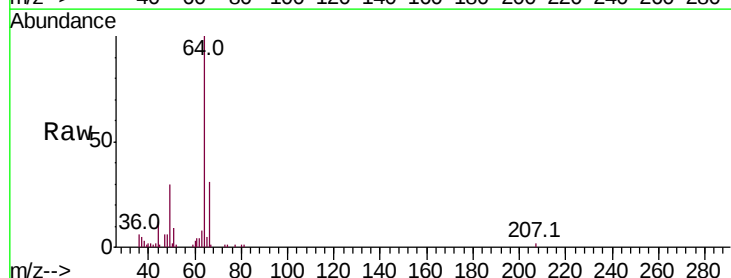
Acq: 29 Sep 2020 14:11

Tgt Ion: 64 Resp: 37516

Ion Ratio Lower Upper

64 100

66 30.7 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

20000

15000

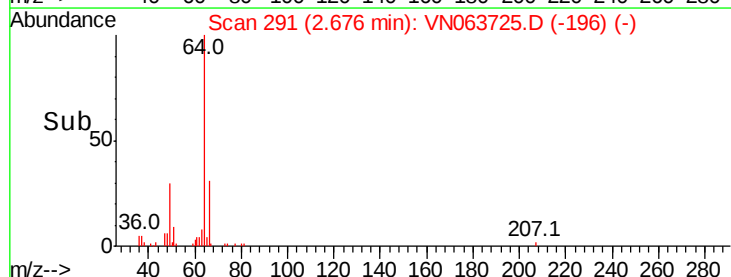
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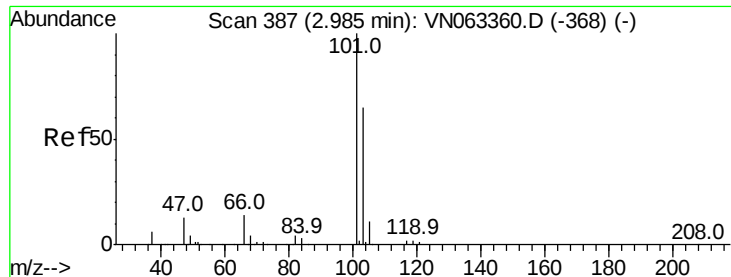
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0

2.60 2.65 2.70 2.75

Time-->



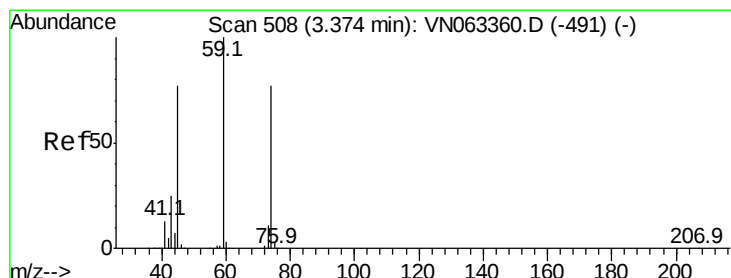
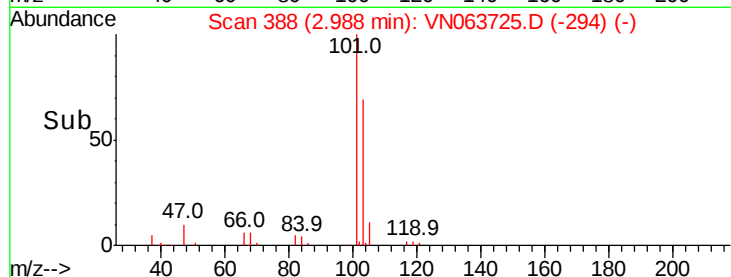
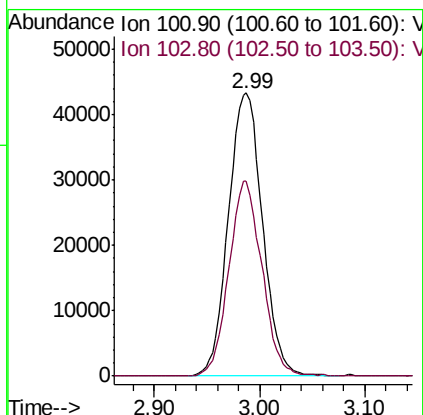
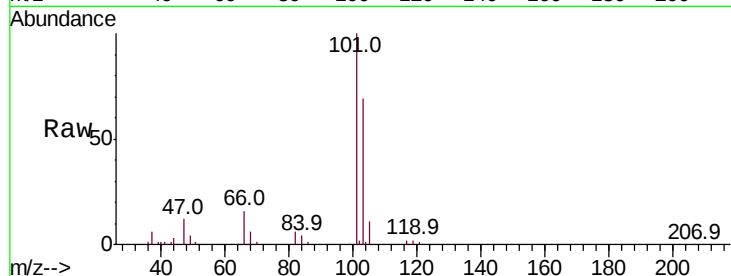


#7

Trichlorofluoromethane
 Concen: 18.880 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

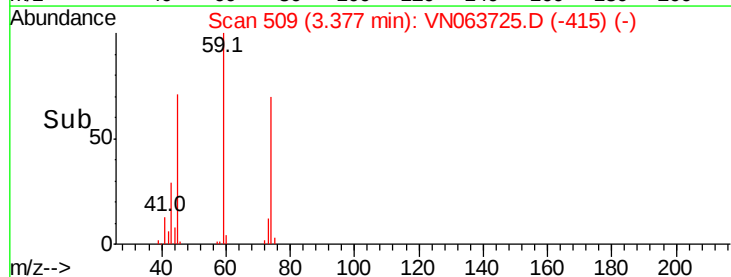
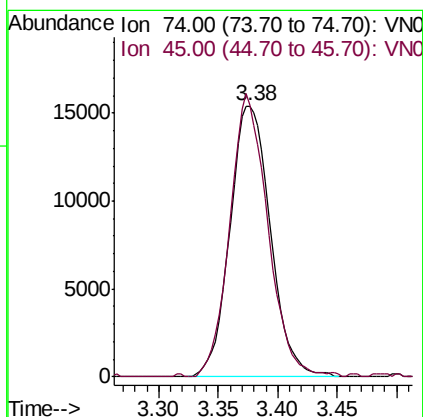
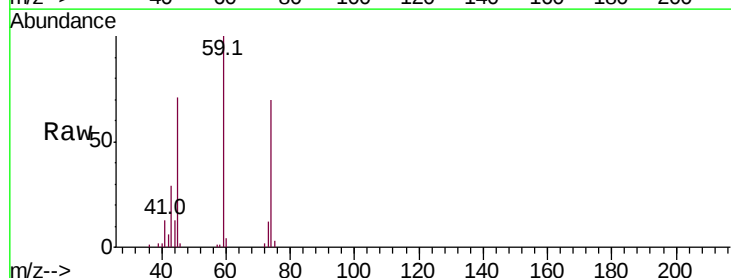
Tot Ion:101 Resp: 97200
 Ion Ratio Lower Upper
 101 100
 103 68.7 52.3 78.5

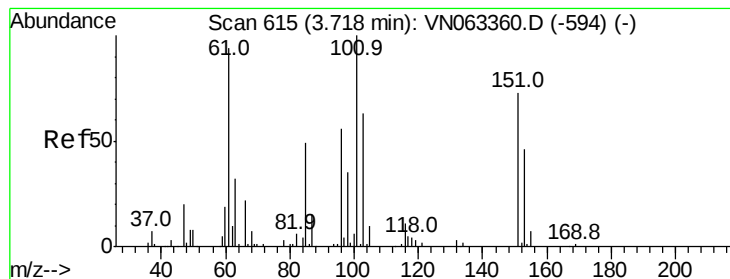


#8

Diethyl Ether
 Concen: 18.102 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

Tgt Ion: 74 Resp: 36330
 Ion Ratio Lower Upper
 74 100
 45 97.8 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.604 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

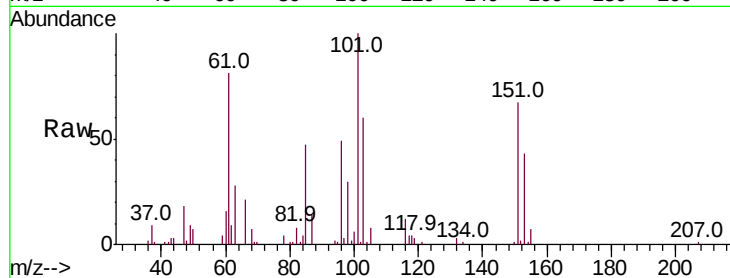
Tot Ion:101 Resp: 53863

Ion Ratio Lower Upper

101 100

85 46.3 37.7 56.5

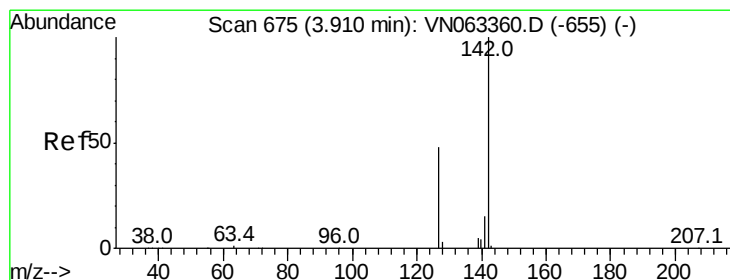
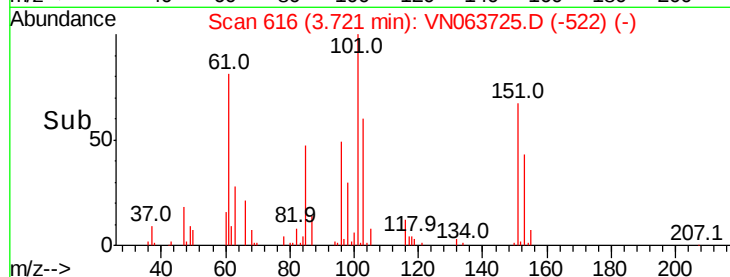
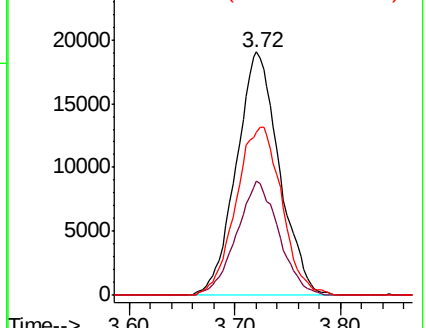
151 73.7 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.562 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

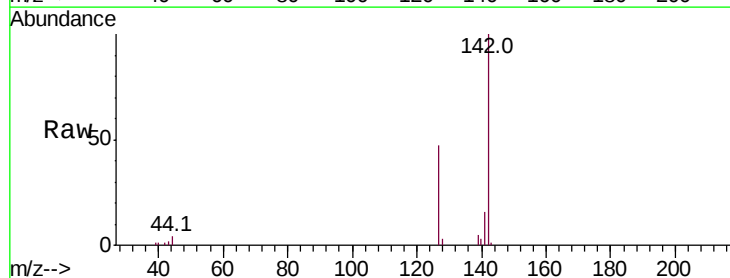
Tgt Ion:142 Resp: 58661

Ion Ratio Lower Upper

142 100

127 50.2 39.0 58.6

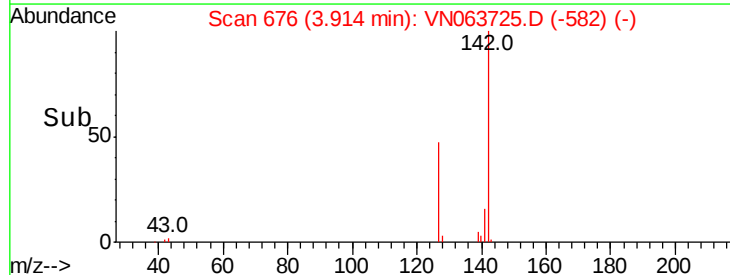
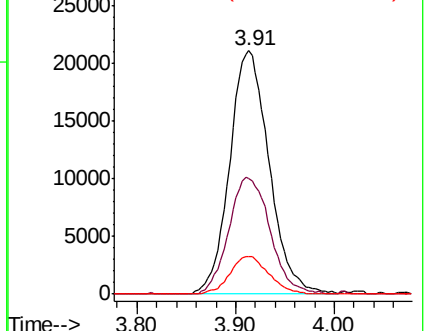
141 15.3 11.6 17.4

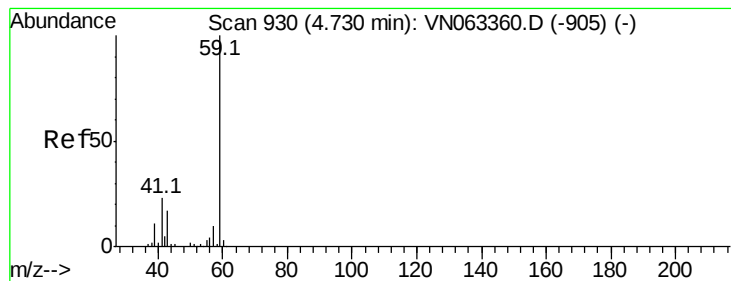


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



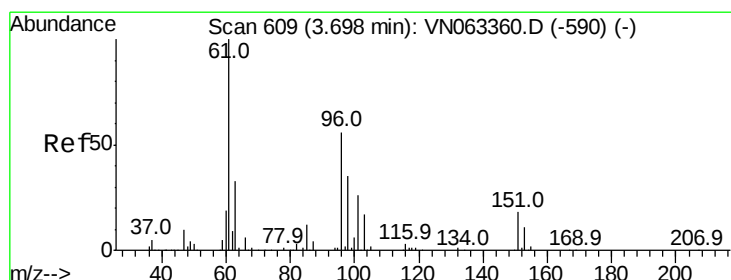
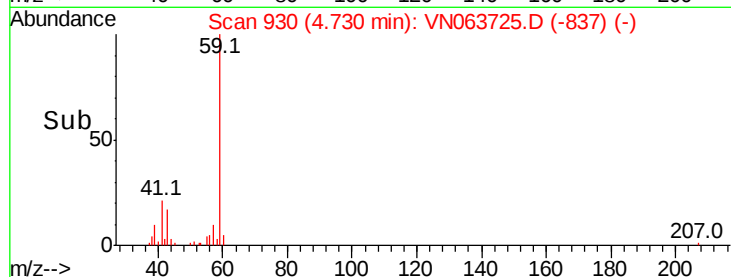
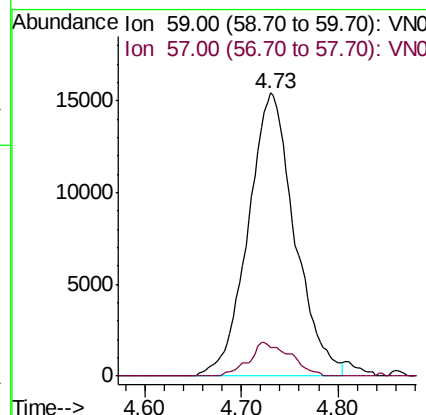
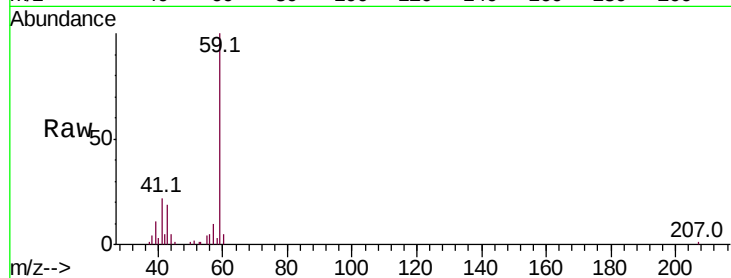


#11

Tert butyl alcohol
Concen: 84.398 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Instrument :
MSVOA_N
ClientSampled :
VN0929WBS01

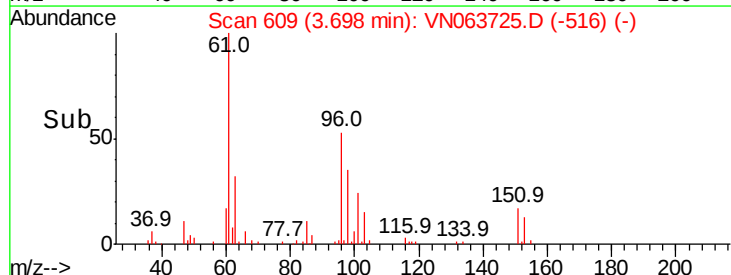
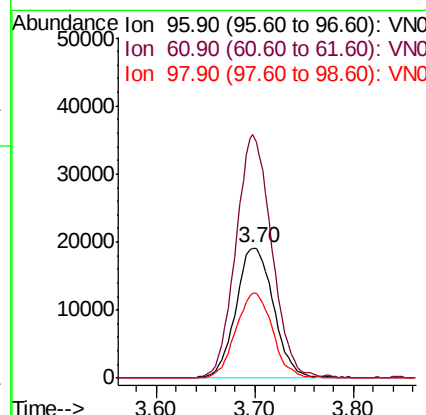
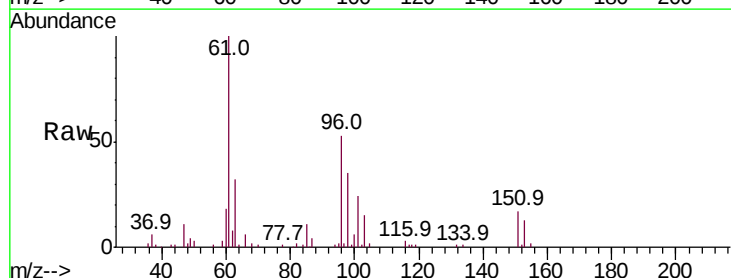
Tot Ion: 59 Resp: 51722
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6

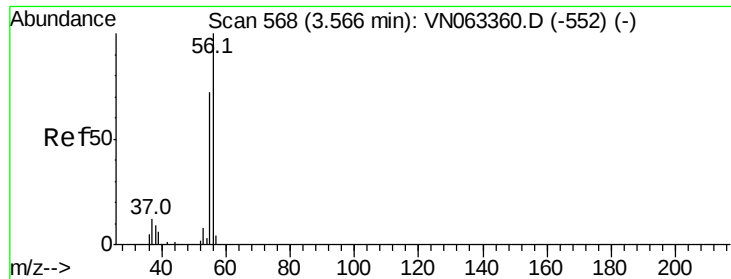


#12

1,1-Dichloroethene
Concen: 17.318 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion: 96 Resp: 50787
Ion Ratio Lower Upper
96 100
61 187.1 143.4 215.2
98 65.1 50.6 76.0





#13

Acrolein

Concen: 57.937 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

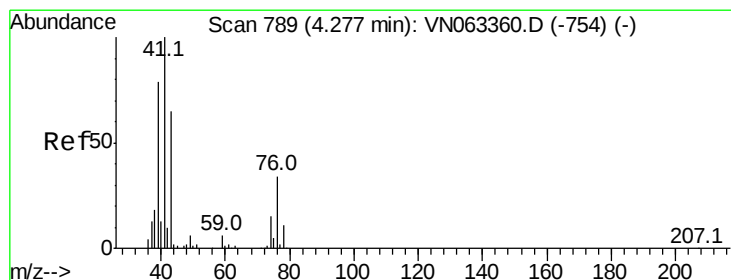
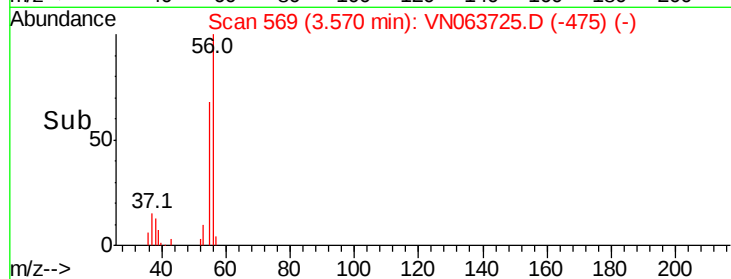
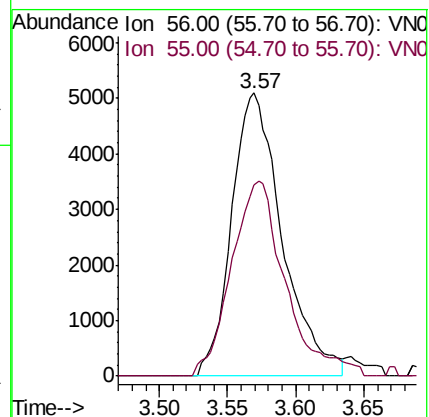
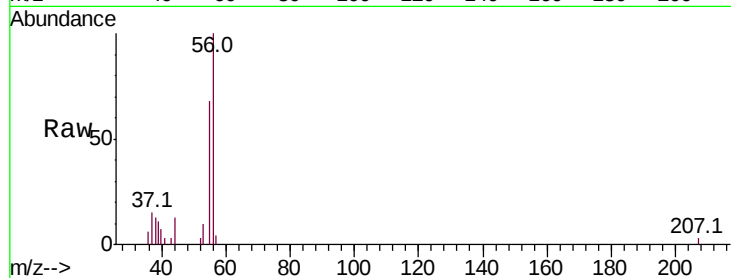
VN0929WBS01

Tot Ion: 56 Resp: 13158

Ion Ratio Lower Upper

56 100

55 73.2 58.2 87.2



#14

Allyl chloride

Concen: 15.298 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

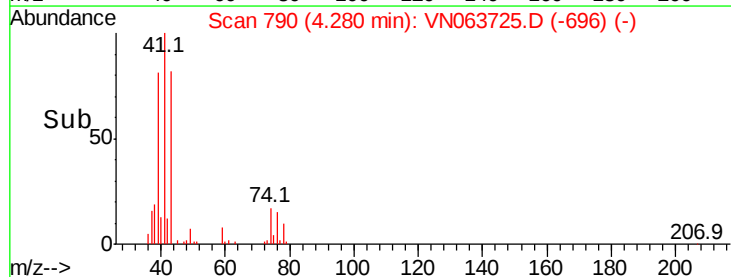
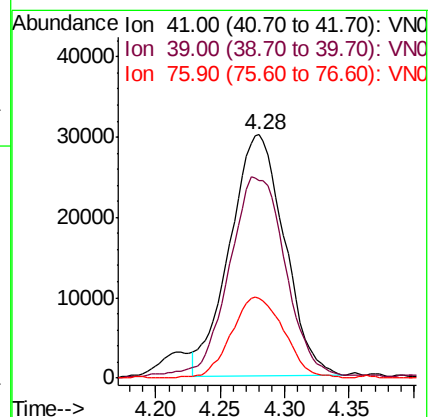
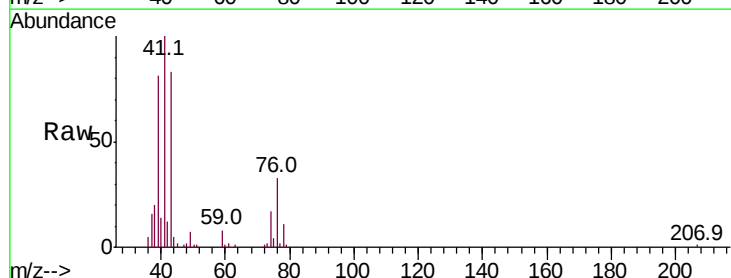
Tgt Ion: 41 Resp: 88740

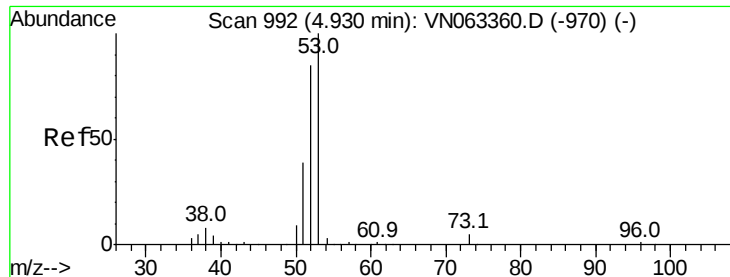
Ion Ratio Lower Upper

41 100

39 87.4 59.3 88.9

76 32.2 25.3 37.9





#15

Acrylonitrile

Concen: 88.233 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampled :

VN0929WBS01

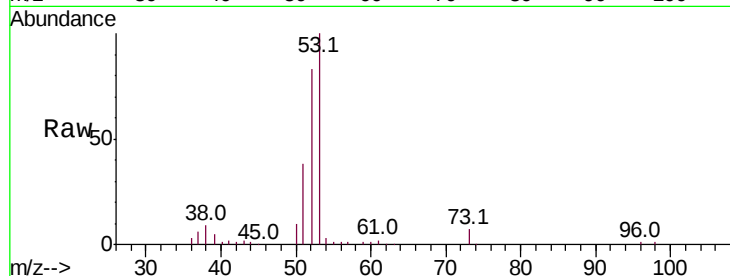
Tot Ion: 53 Resp: 137542

Ion Ratio Lower Upper

53 100

52 82.0 66.4 99.6

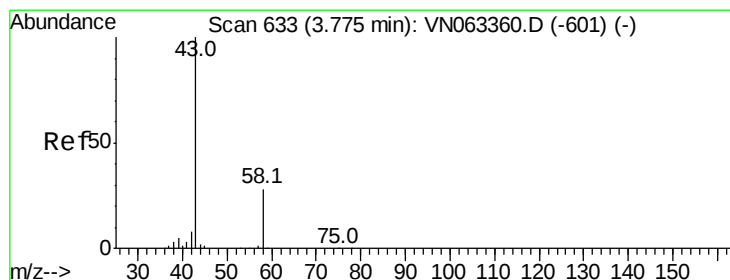
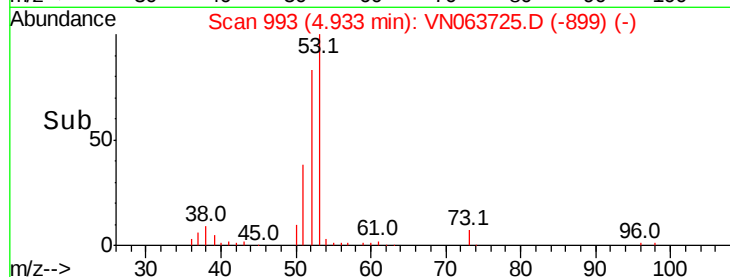
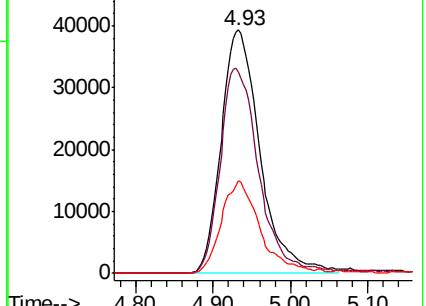
51 37.7 30.2 45.4



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: 89.042 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063725.D

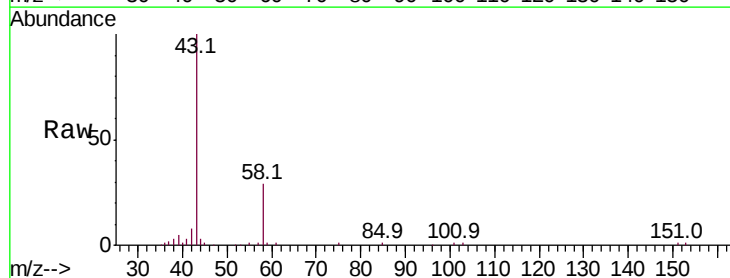
Acq: 29 Sep 2020 14:11

Tgt Ion: 43 Resp: 126591

Ion Ratio Lower Upper

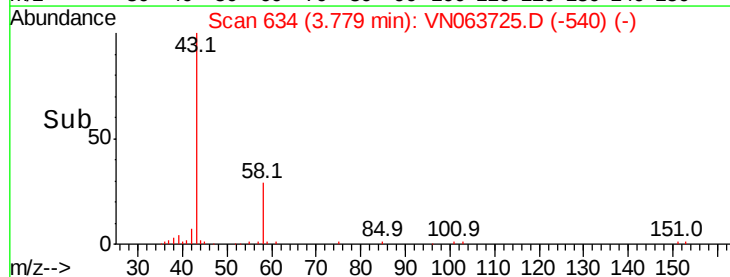
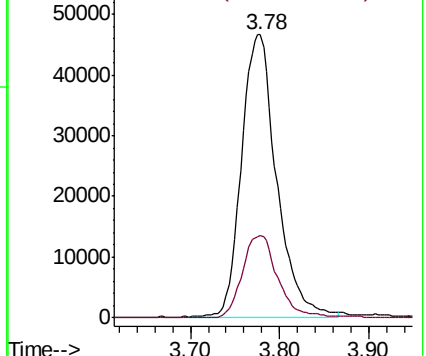
43 100

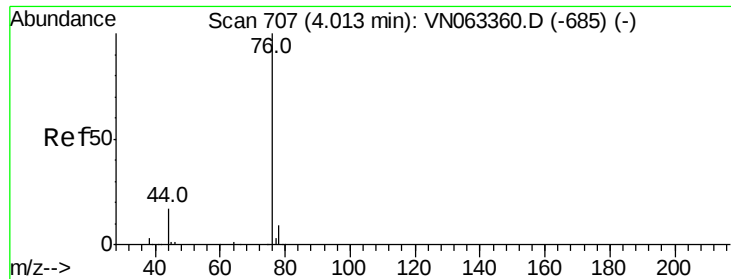
58 29.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

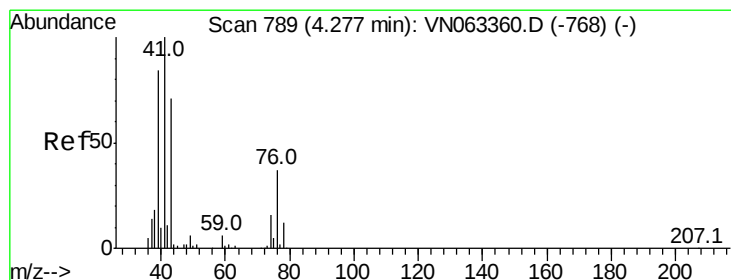
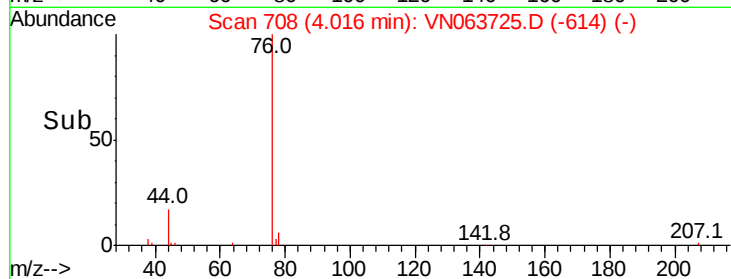
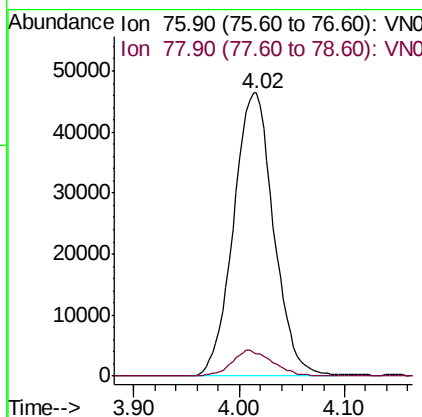
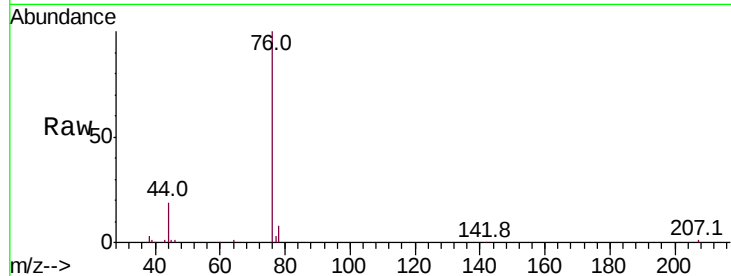




#17
Carbon Disulfide
Concen: 14.398 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

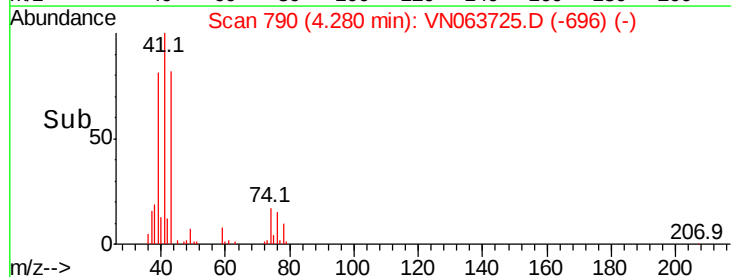
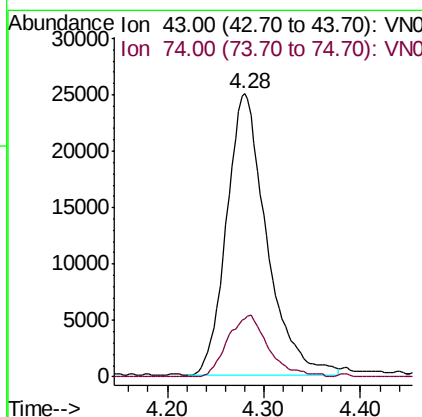
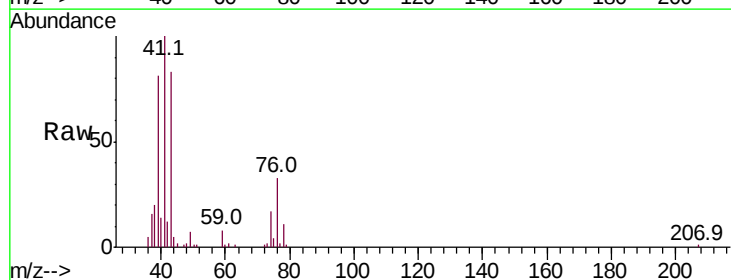
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

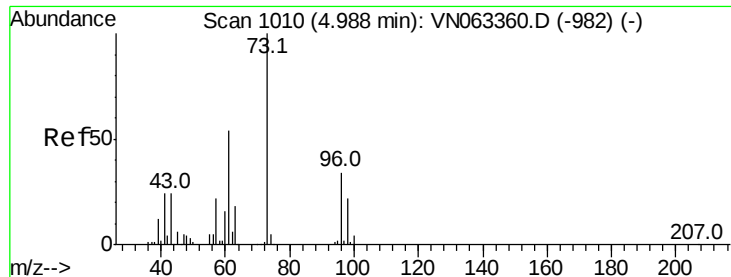
Tot Ion: 76 Resp: 122818
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8



#18
Methyl Acetate
Concen: 19.833 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion: 43 Resp: 71579
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.2

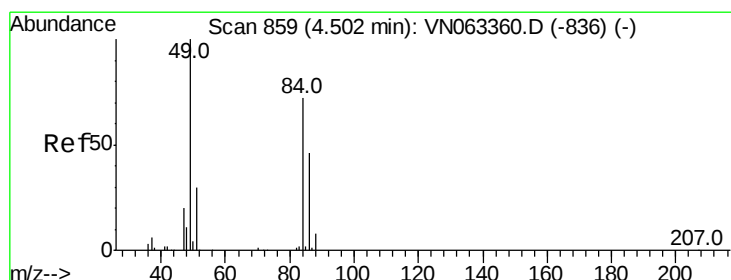
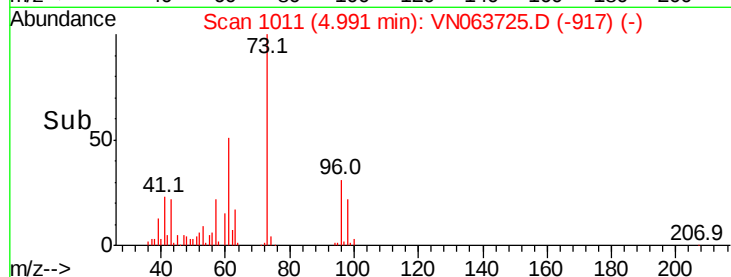
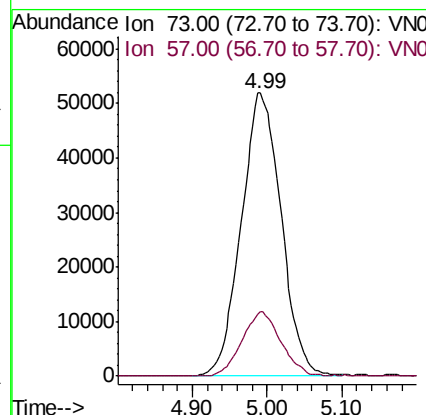
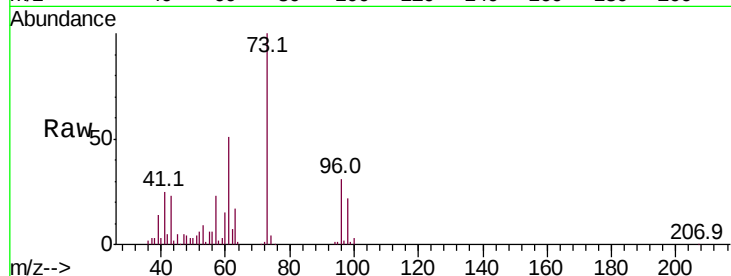




#19
Methvl tert-butvl Ether
Concen: 17.606 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

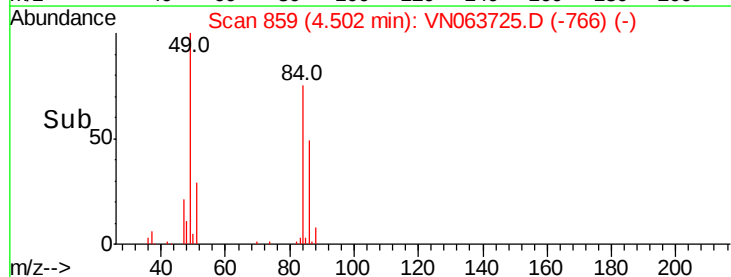
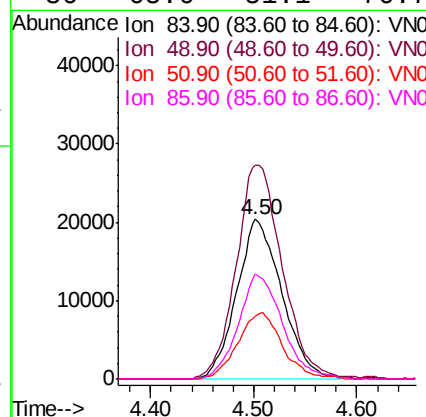
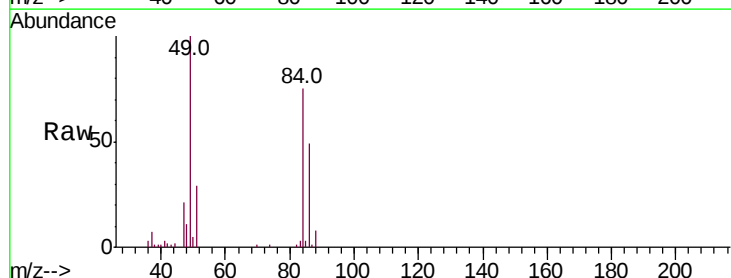
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

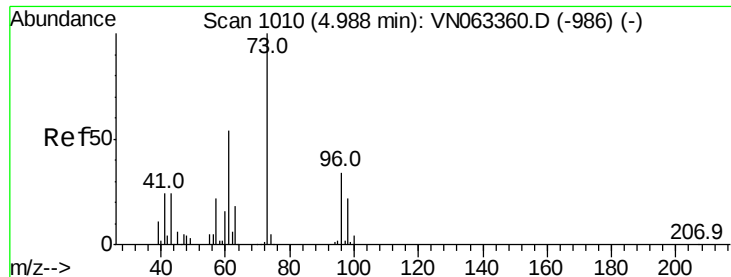
Tot Ion: 73 Resp: 192430
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9



#20
Methylene Chloride
Concen: 17.206 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion: 84 Resp: 61976
Ion Ratio Lower Upper
84 100
49 134.0 110.7 166.1
51 39.2 32.9 49.3
86 65.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.065 ug/l

RT: 5.00 min Scan# 1013

Delta R.T. 0.01 min

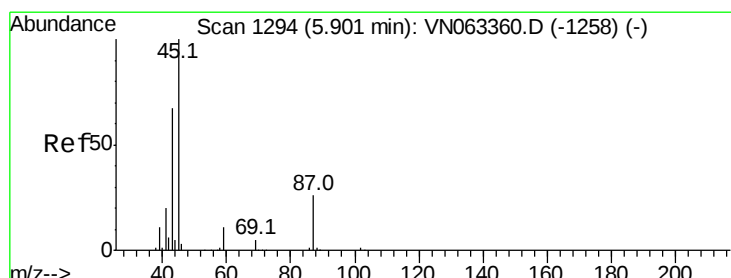
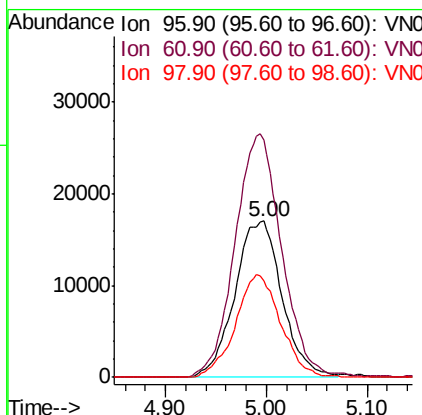
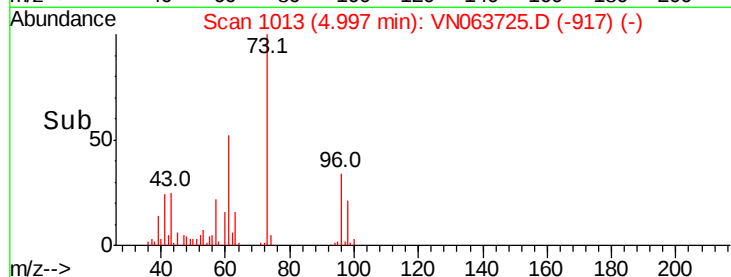
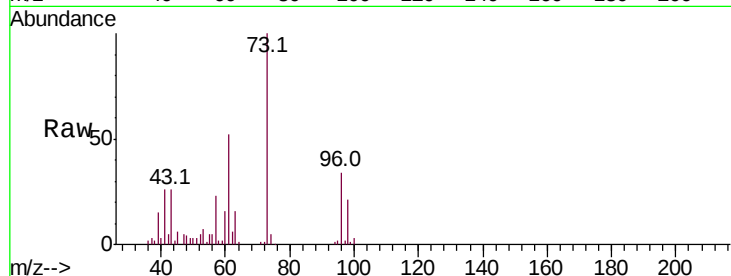
Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

Tot Ion: 96 Resp: 55445

Ion	Ratio	Lower	Upper
96	100		
61	152.1	126.2	189.4
98	61.6	51.0	76.4



#22

Diisopropyl ether

Concen: 17.250 ug/l

RT: 5.90 min Scan# 1294

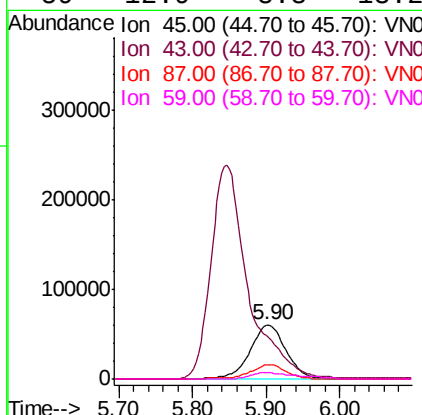
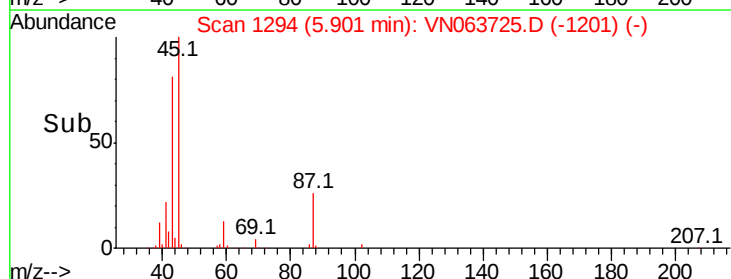
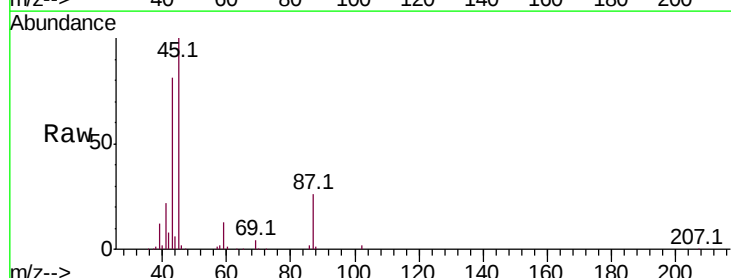
Delta R.T. -0.00 min

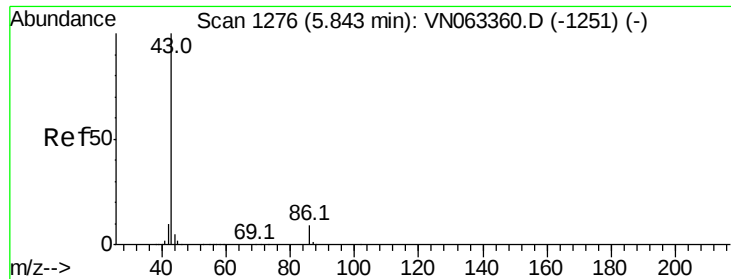
Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Tgt Ion: 45 Resp: 204081

Ion	Ratio	Lower	Upper
45	100		
43	78.0	53.5	80.3
87	25.9	21.2	31.8
59	12.9	8.8	13.2





#23

Vinyl Acetate

Concen: 86.492 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampled :

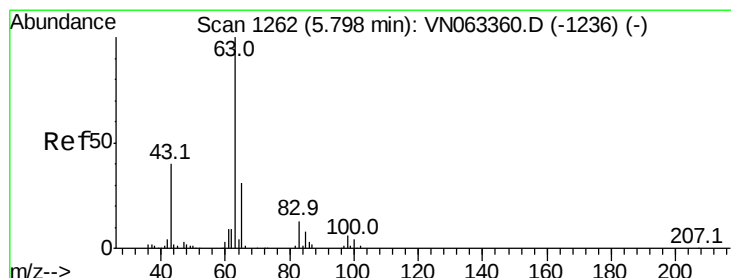
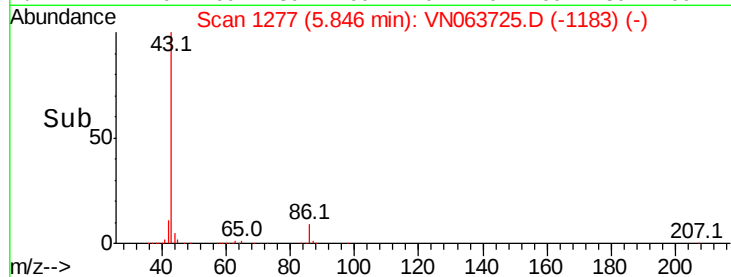
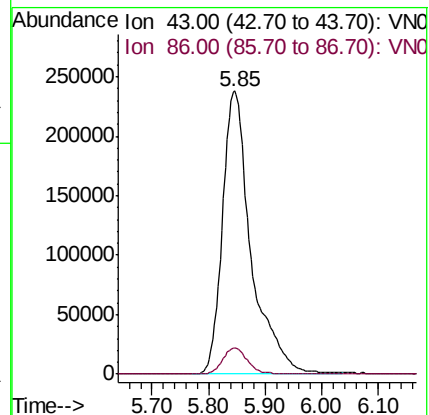
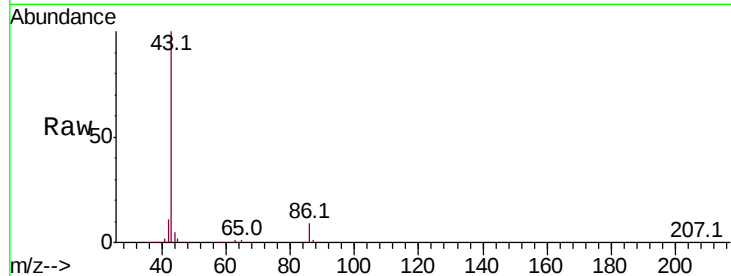
VN0929WBS01

Tot Ion: 43 Resp: 840358

Ion Ratio Lower Upper

43 100

86 9.2 7.1 10.7



#24

1,1-Dichloroethane

Concen: 18.053 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

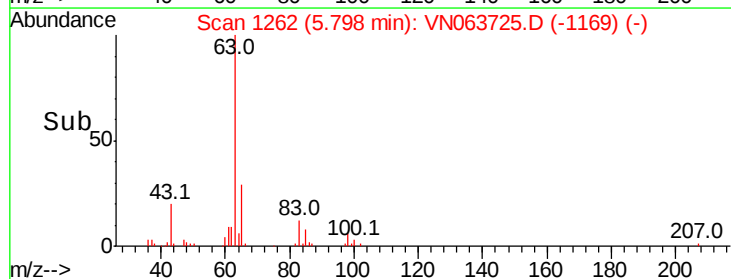
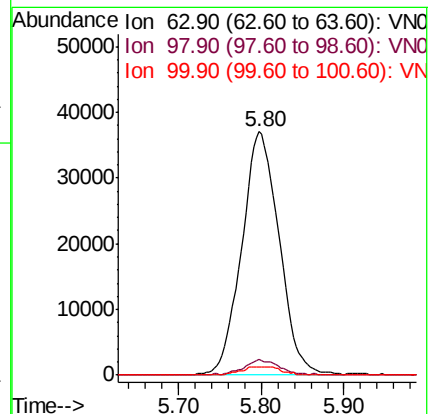
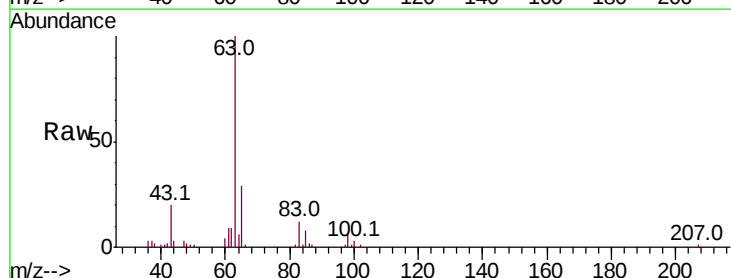
Tgt Ion: 63 Resp: 116606

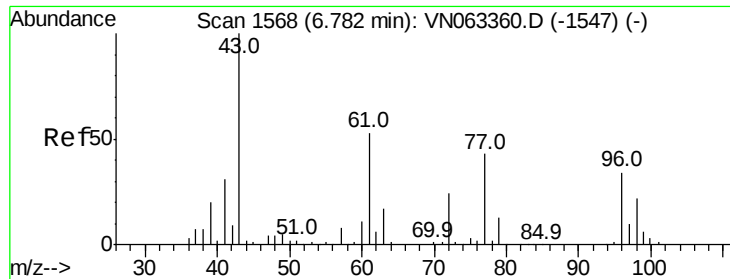
Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.8

100 3.3 2.1 6.3

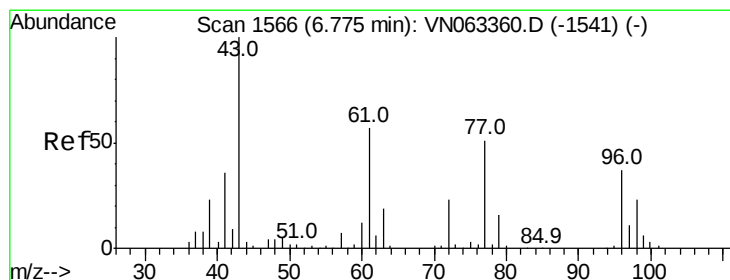
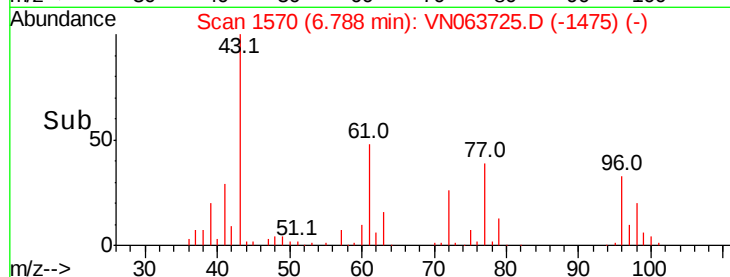
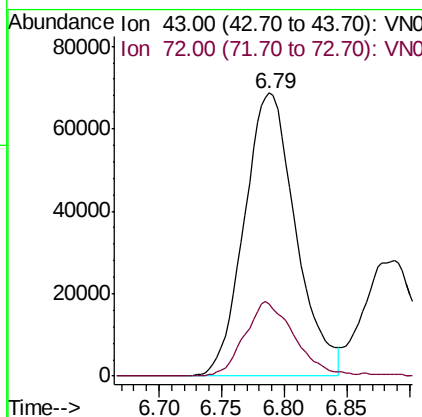
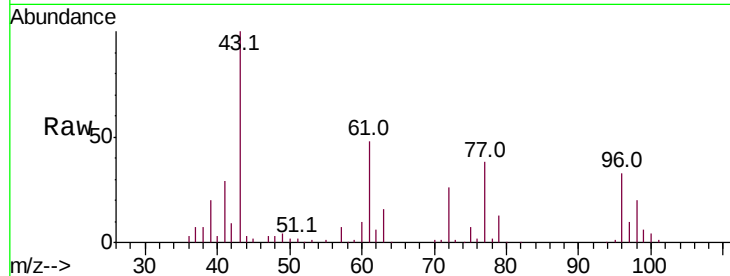




#25
2-Butanone
Concen: 89.039 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

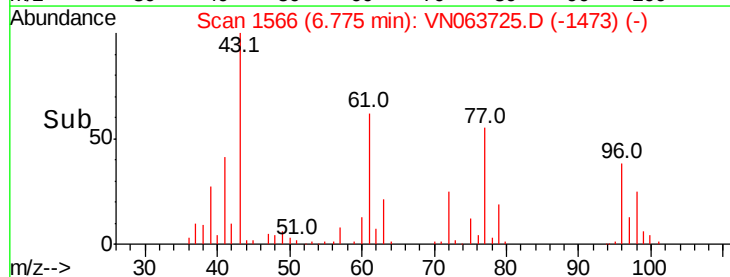
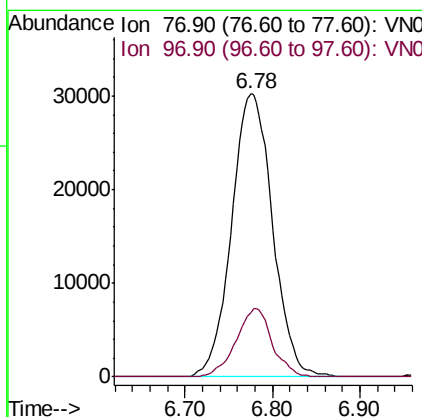
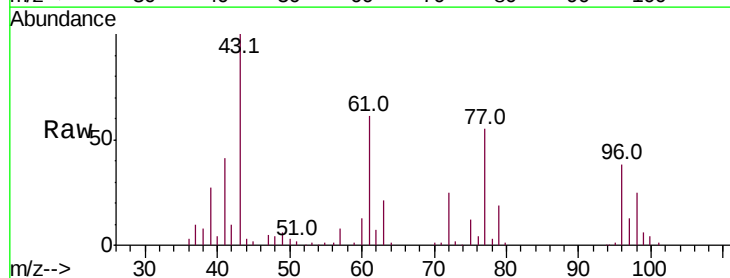
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

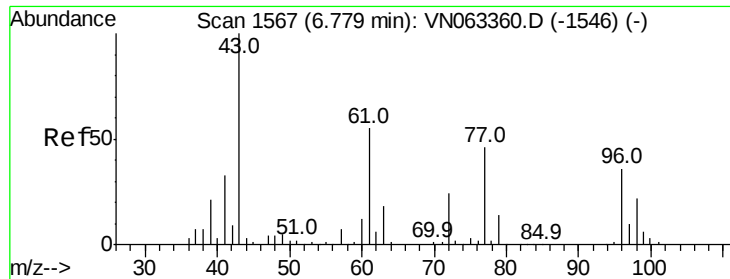
Tot Ion: 43 Resp: 194687
Ion Ratio Lower Upper
43 100
72 25.8 19.2 28.8



#26
2,2-Dichloropropane
Concen: 17.244 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion: 77 Resp: 98059
Ion Ratio Lower Upper
77 100
97 21.4 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 18.107 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

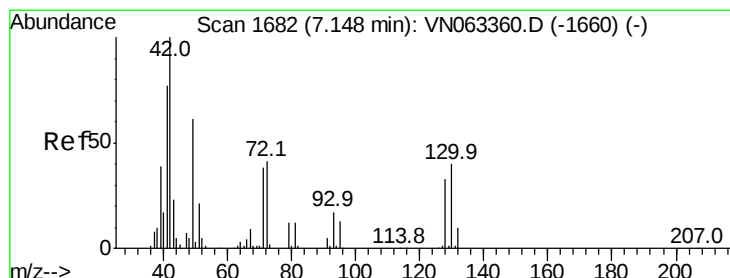
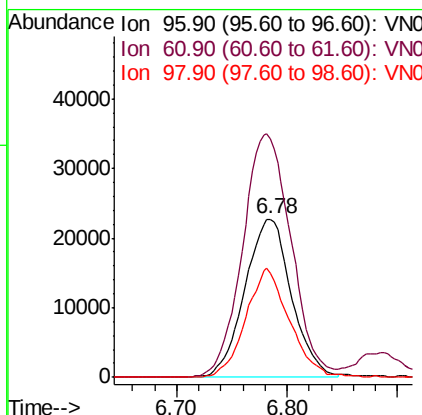
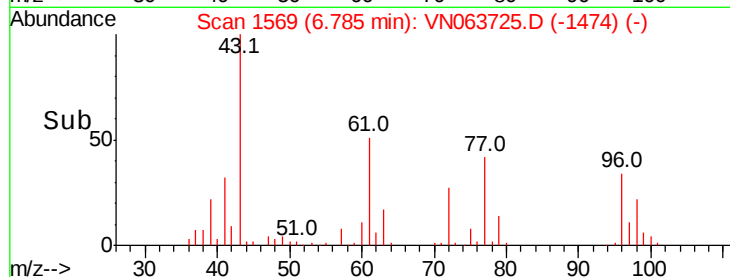
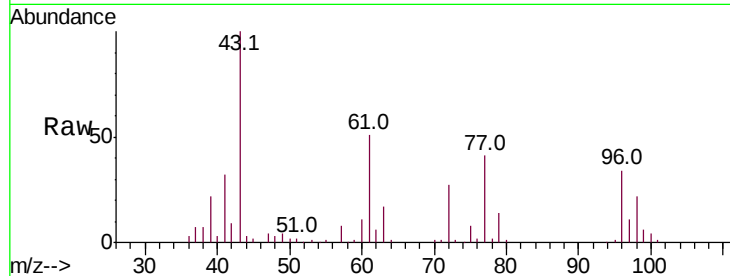
Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

Tot Ion: 96 Resp: 66589

Ion	Ratio	Lower	Upper
96	100		
61	159.6	0.0	319.6
98	63.7	0.0	127.8



#28

Bromochloromethane

Concen: 19.729 ug/l

RT: 7.15 min Scan# 1684

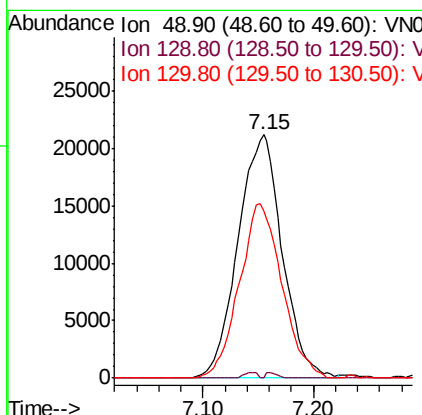
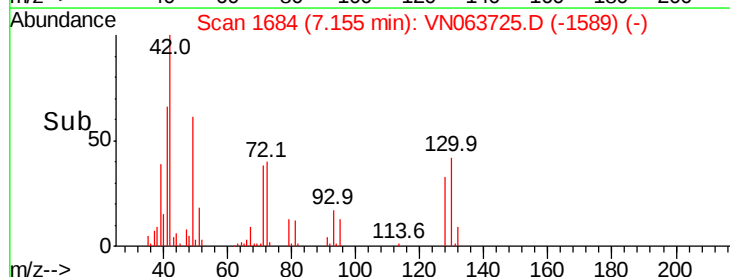
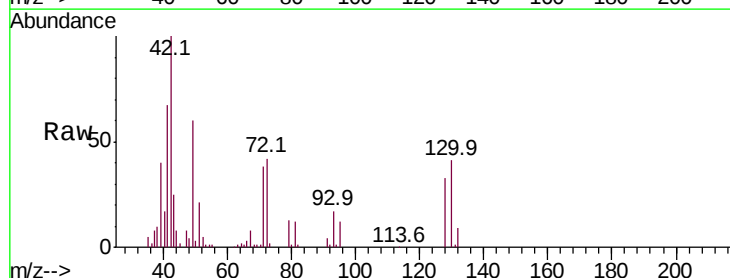
Delta R.T. 0.01 min

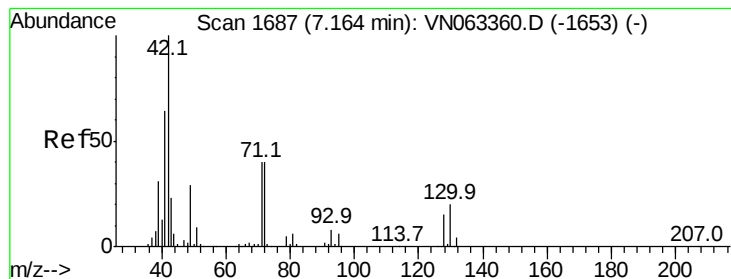
Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Tgt Ion: 49 Resp: 58837

Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.8
130	69.0	52.2	78.2





#29

Tetrahydrofuran

Concen: 85.019 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampled :

VN0929WBS01

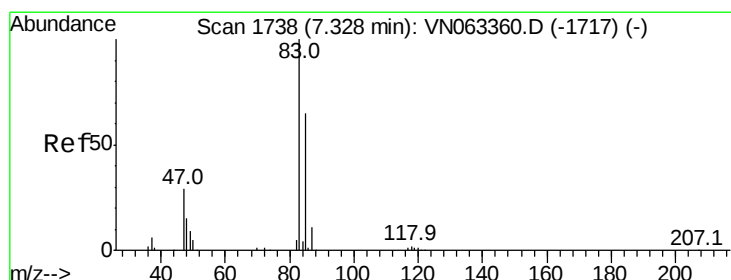
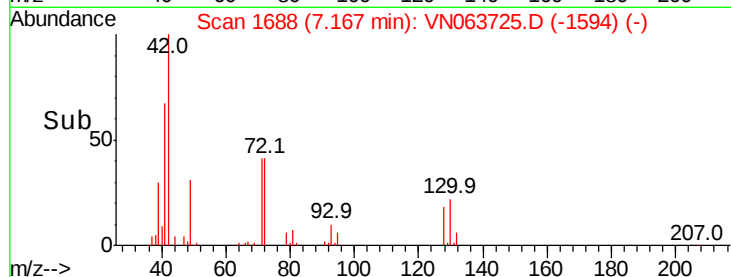
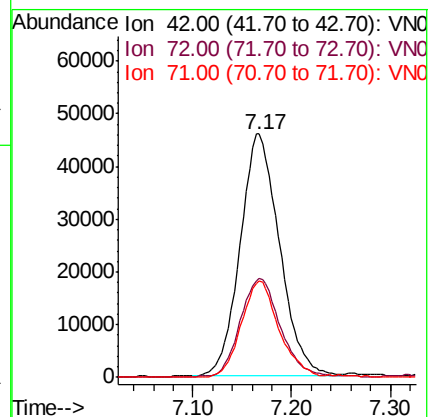
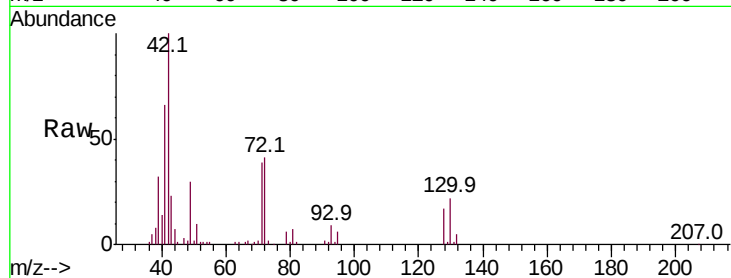
Tot Ion: 42 Resp: 126963

Ion Ratio Lower Upper

42 100

72 41.9 32.1 48.1

71 38.3 31.2 46.8



#30

Chloroform

Concen: 18.257 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063725.D

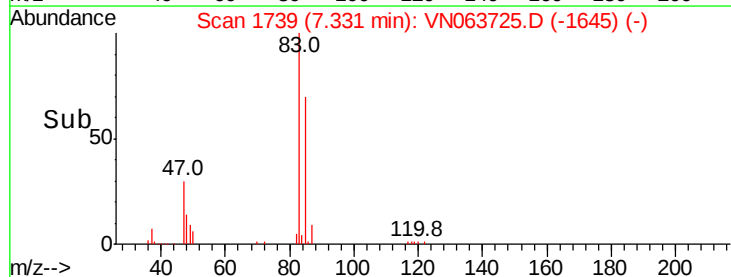
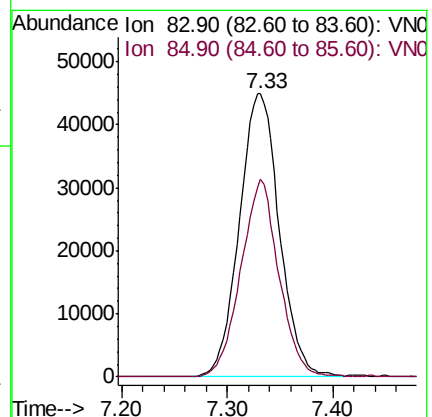
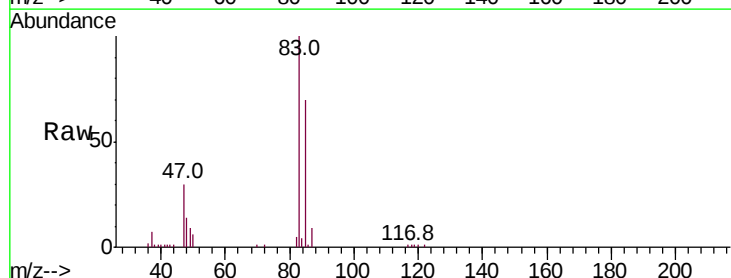
Acq: 29 Sep 2020 14:11

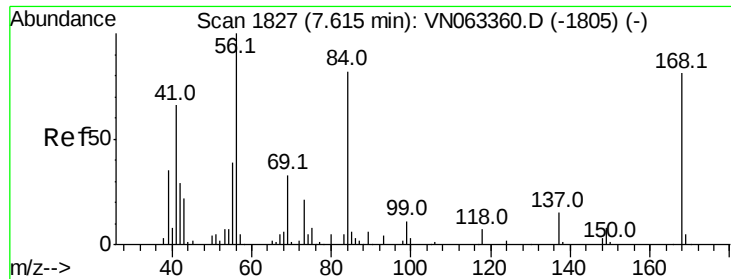
Tgt Ion: 83 Resp: 118308

Ion Ratio Lower Upper

83 100

85 69.9 52.1 78.1

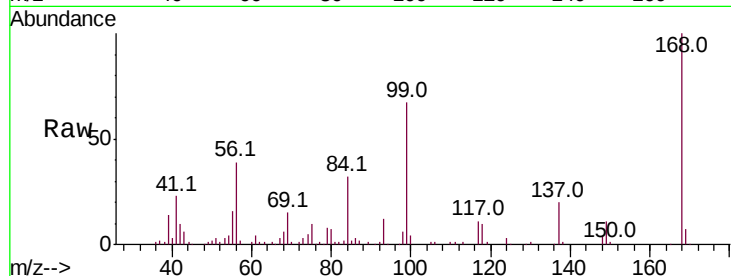




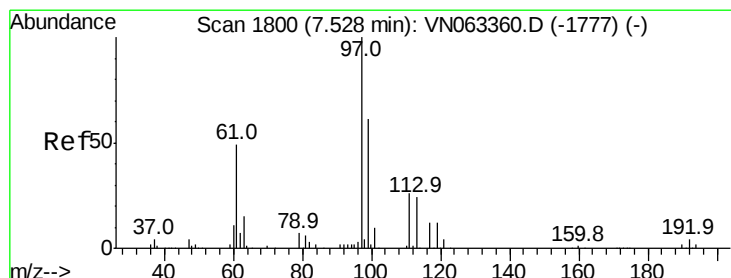
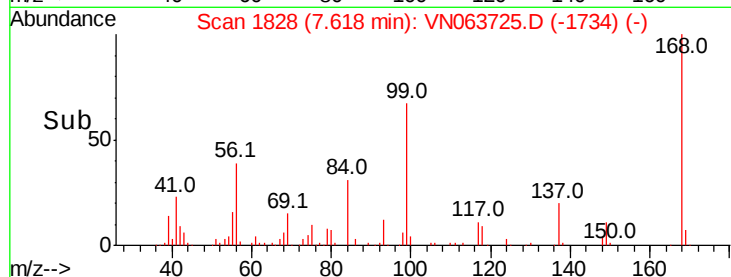
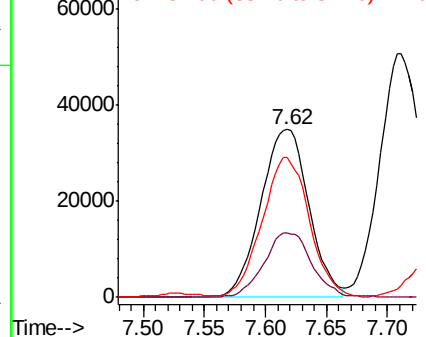
#31
Cyclohexane
Concen: 15.703 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

Tot Ion	56	Resp	95940
Ion Ratio	Lower	Upper	
56	100		
69	38.2	26.1	39.1
84	81.3	65.4	98.2

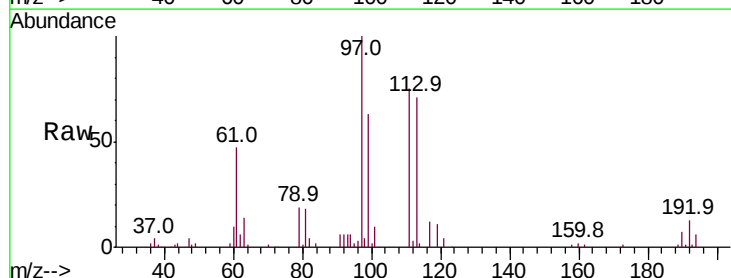


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

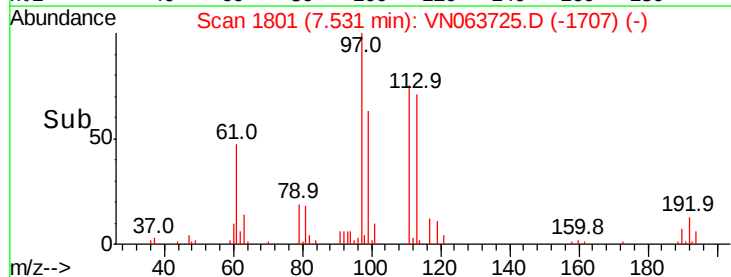
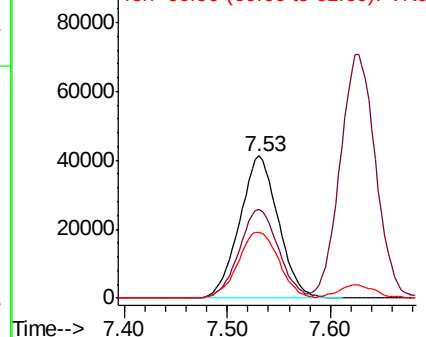


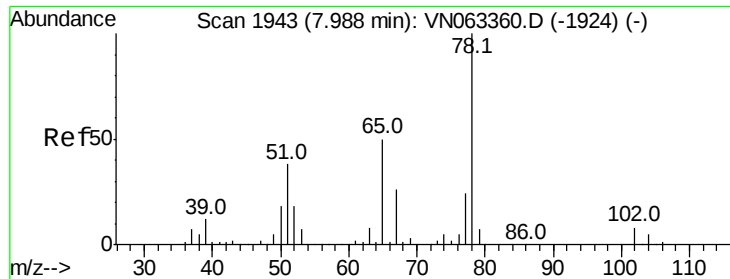
#32
1,1,1-Trichloroethane
Concen: 18.727 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion	97	Resp	107936
Ion Ratio	Lower	Upper	
97	100		
99	63.3	50.6	76.0
61	48.5	39.2	58.8



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

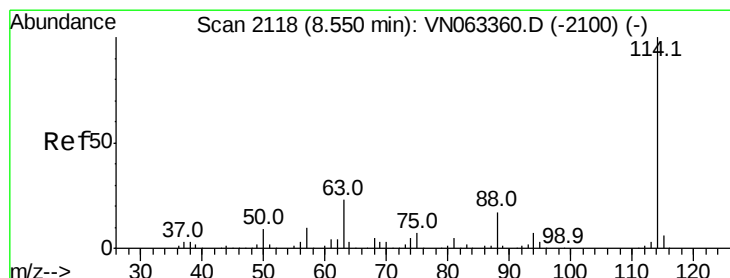
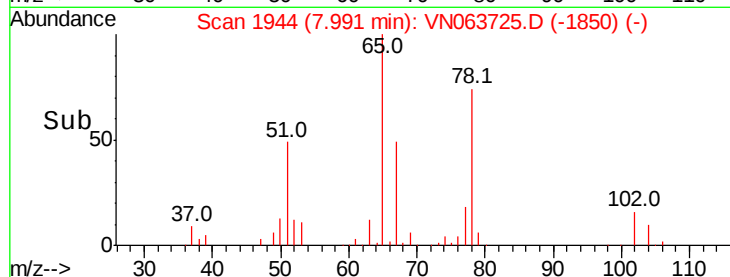
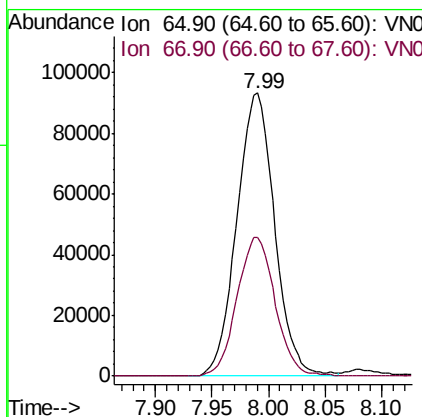
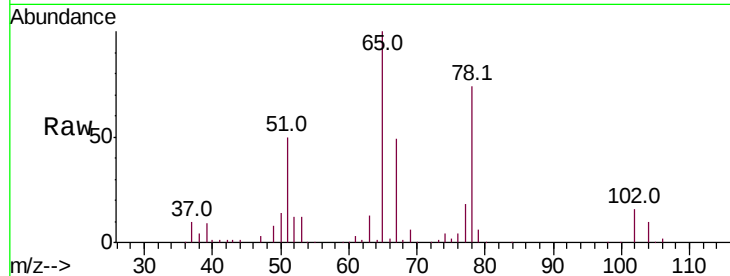




#33
 1,2-Dichloroethane-d4
 Concen: 49.172 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

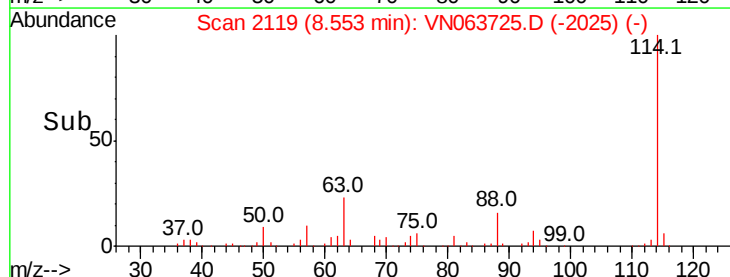
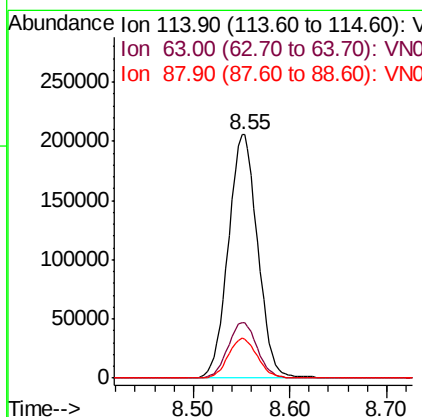
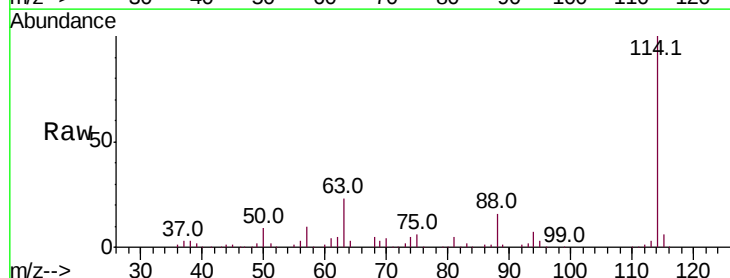
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

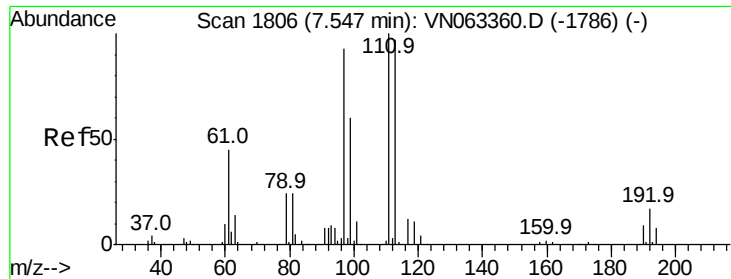
Tot Ion: 65 Resp: 217521
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

Tgt Ion: 114 Resp: 433043
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.4
 88 16.2 0.0 33.2

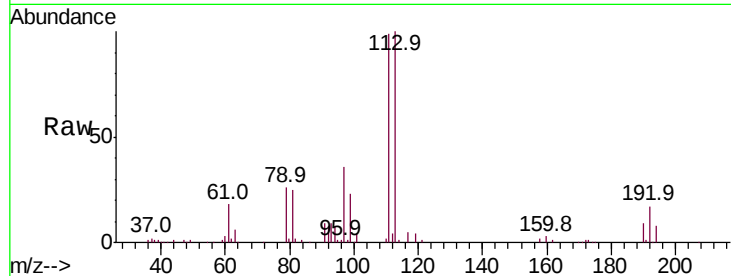




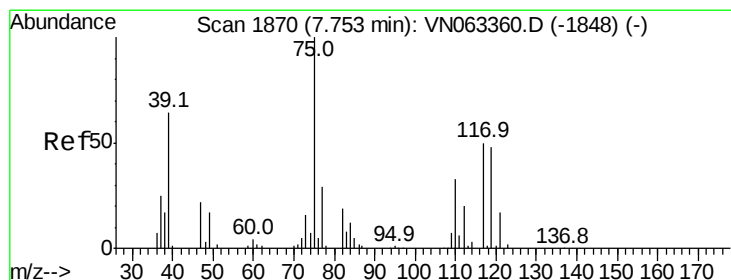
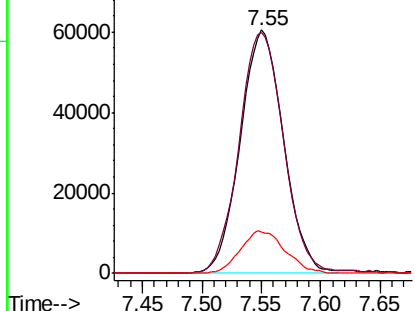
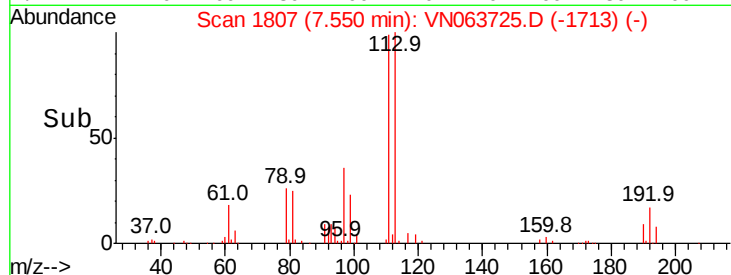
#35
Dibromofluoromethane
Concen: 50.849 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

Tot Ion:113 Resp: 152439
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.1 13.9 20.9

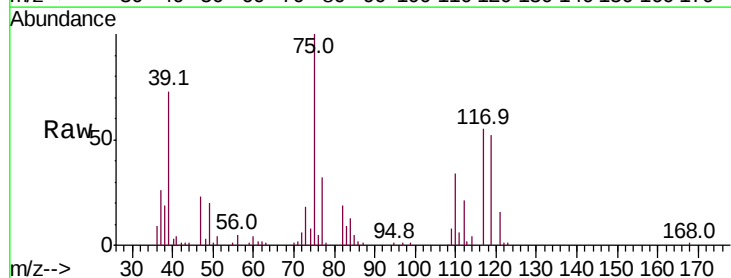


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

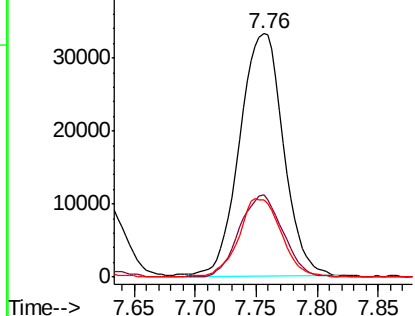
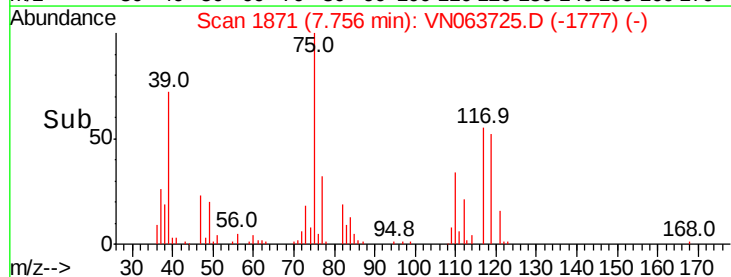


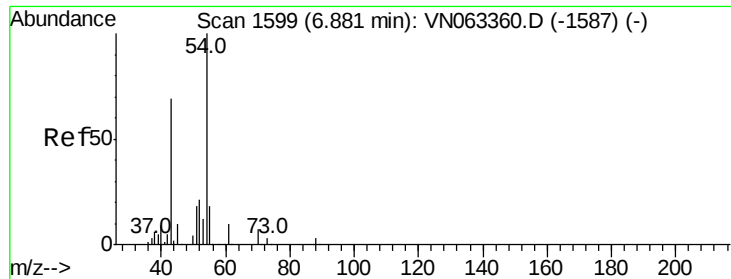
#36
1,1-Dichloropropene
Concen: 17.777 ug/l
RT: 7.76 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion: 75 Resp: 82012
Ion Ratio Lower Upper
75 100
110 33.7 16.5 49.5
77 31.9 24.6 36.8



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

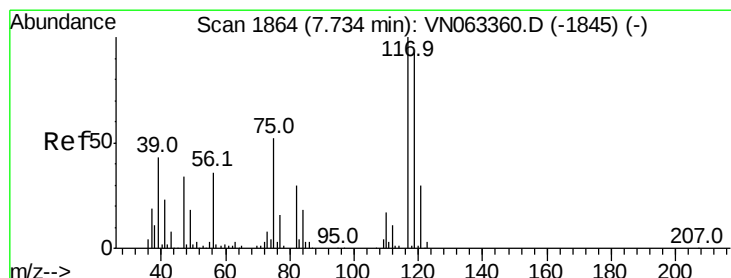
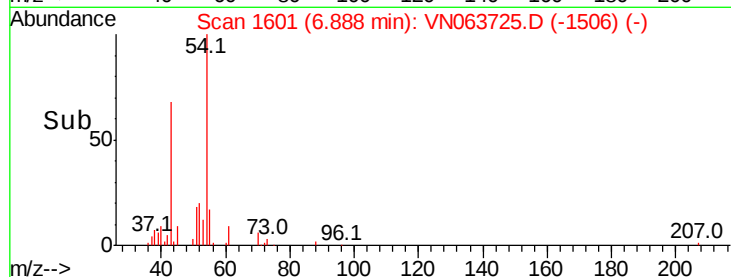
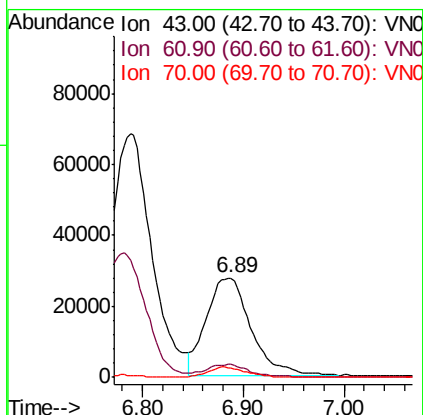
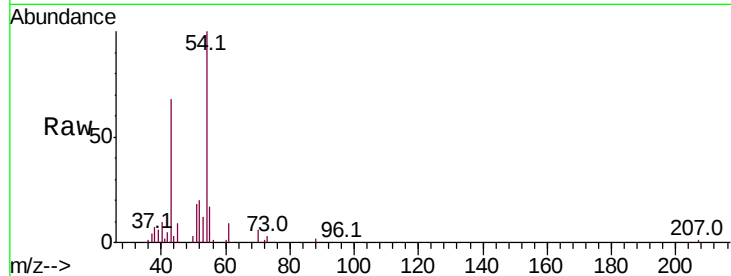




#37
Ethyl Acetate
Concen: 18.833 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

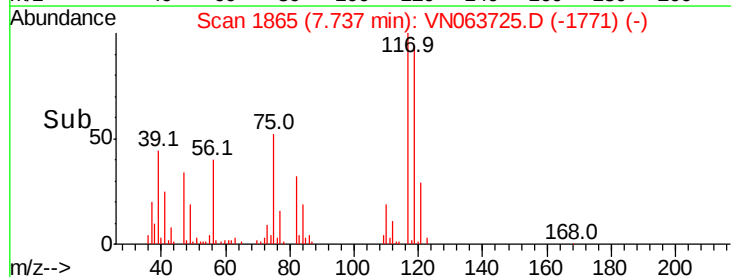
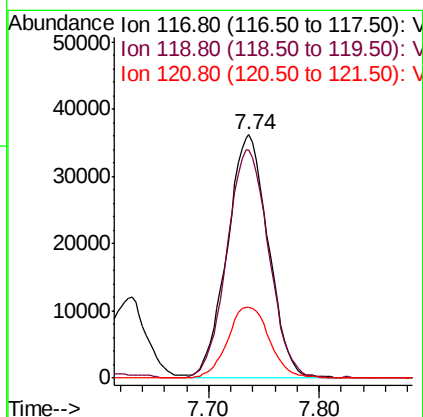
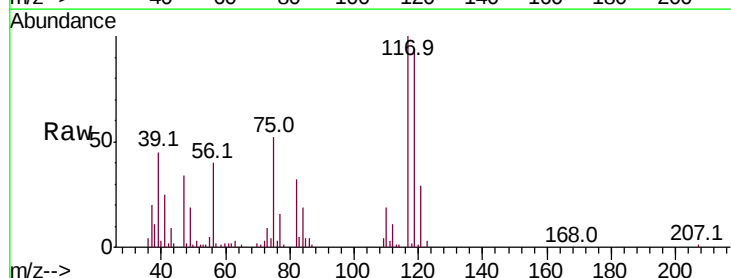
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

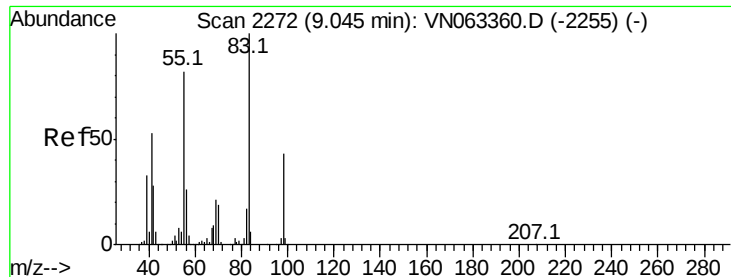
Tot Ion: 43 Resp: 85276
Ion Ratio Lower Upper
43 100
61 11.7 10.6 15.8
70 9.1 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.863 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion: 117 Resp: 93543
Ion Ratio Lower Upper
117 100
119 93.9 74.5 111.7
121 29.0 24.1 36.1

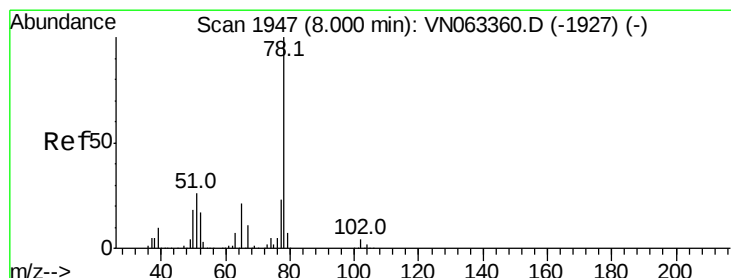
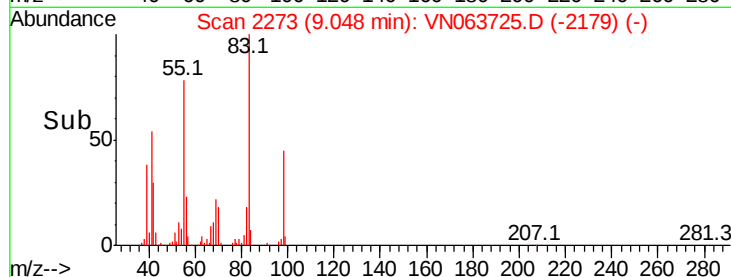
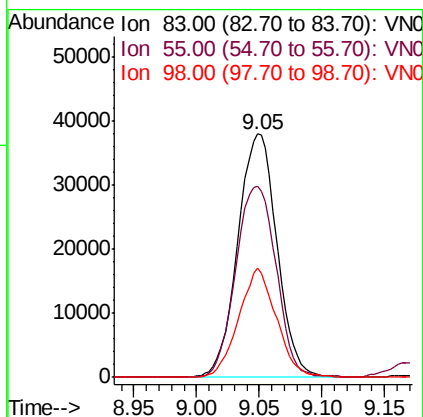
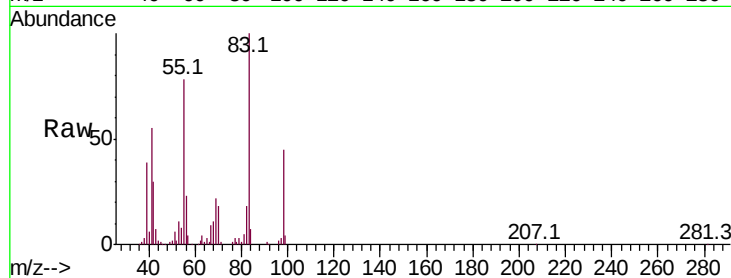




#39
Methvlcvclohexane
Concen: 16.476 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

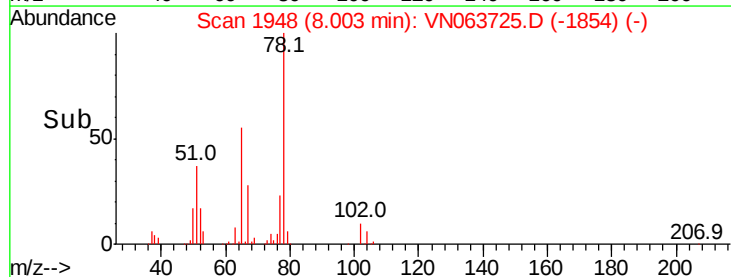
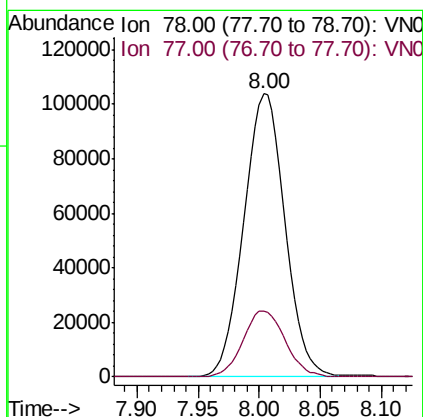
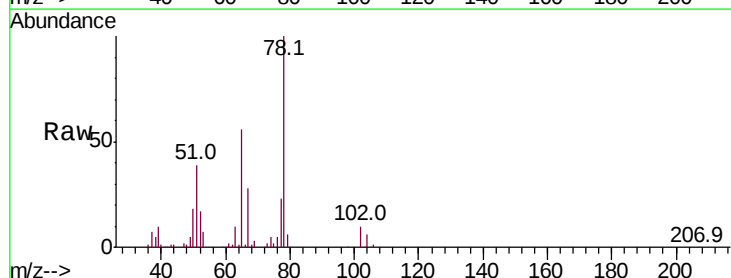
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

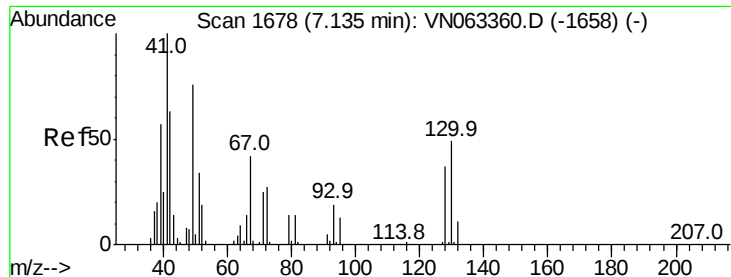
Tot Ion: 83 Resp: 82496
Ion Ratio Lower Upper
83 100
55 78.2 65.5 98.3
98 45.1 34.2 51.4



#40
Benzene
Concen: 18.405 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion: 78 Resp: 242382
Ion Ratio Lower Upper
78 100
77 23.3 18.3 27.5

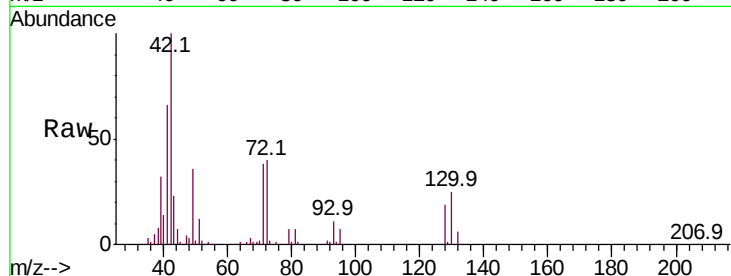




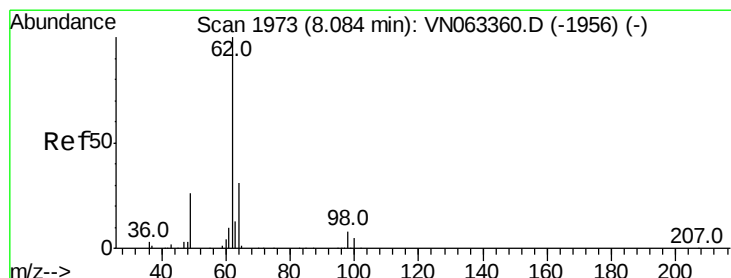
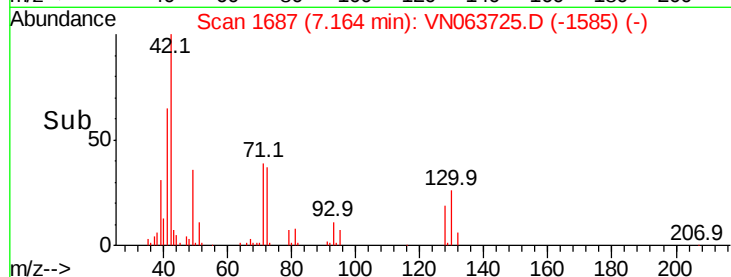
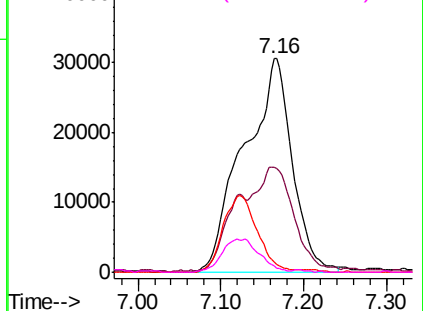
#41
Methacrylonitrile
Concen: 60.918 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Instrument :
MSVOA_N
ClientSampled :
VN0929WBS01

Tot Ion:	41	Resp:	124058
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

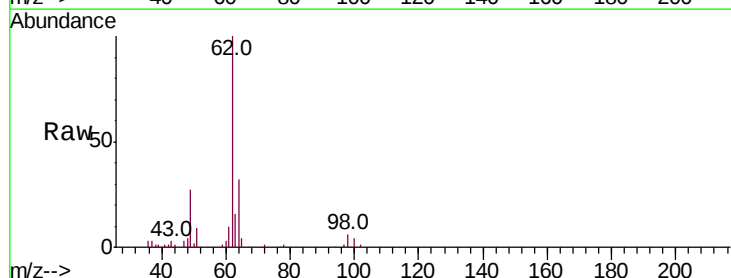


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

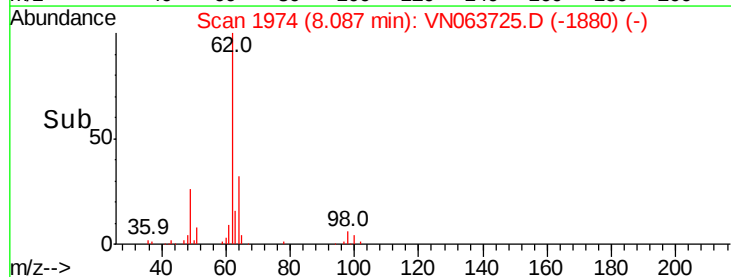
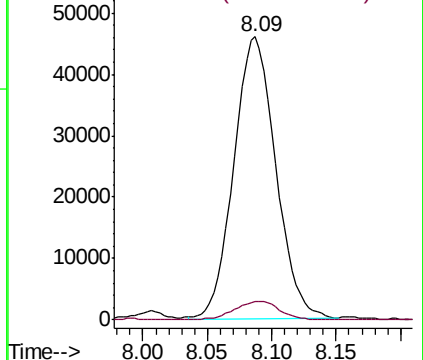


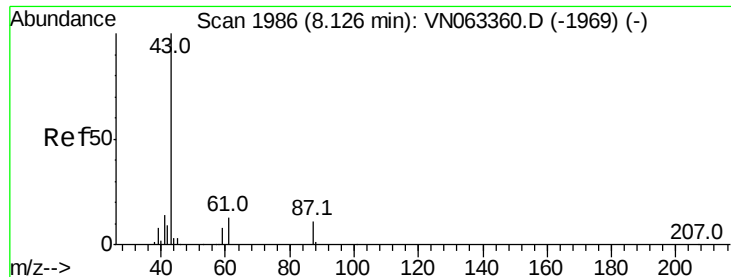
#42
1,2-Dichloroethane
Concen: 19.546 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion:	62	Resp:	103518
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	15.6



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





#43

Isopropyl Acetate

Concen: 18.246 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

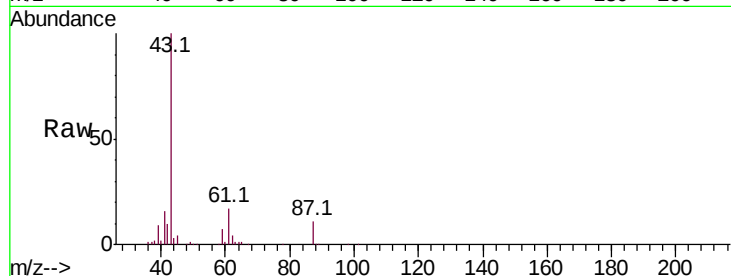
Tot Ion: 43 Resp: 147727

Ion Ratio Lower Upper

43 100

61 23.9 14.2 21.2#

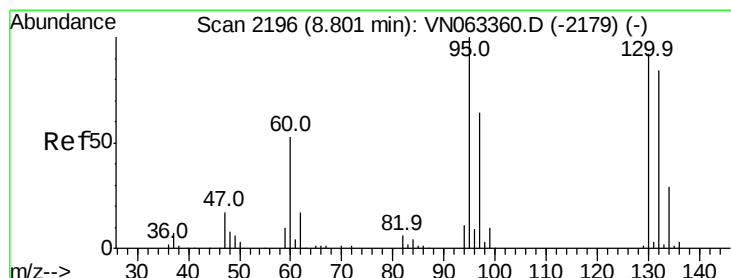
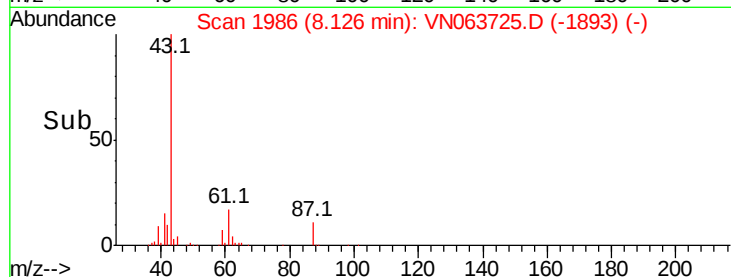
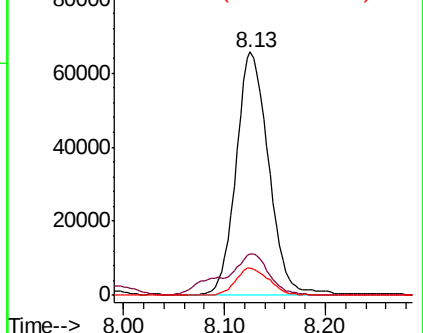
87 11.4 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 19.275 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063725.D

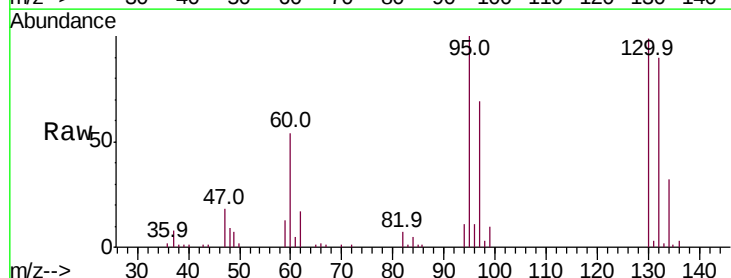
Acq: 29 Sep 2020 14:11

Tgt Ion:130 Resp: 61570

Ion Ratio Lower Upper

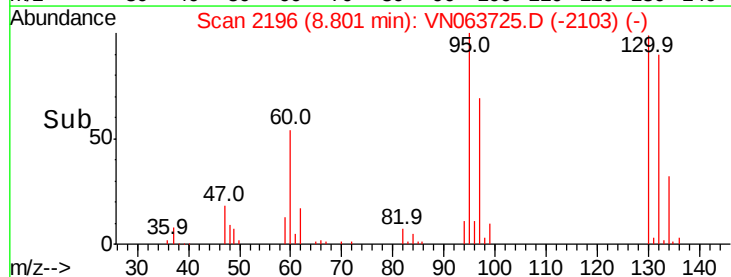
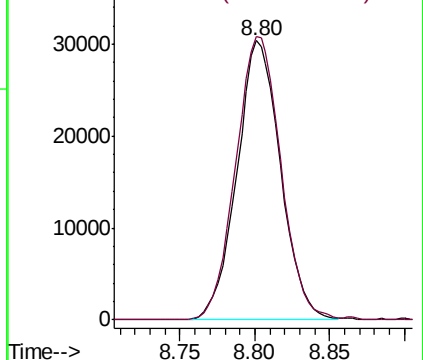
130 100

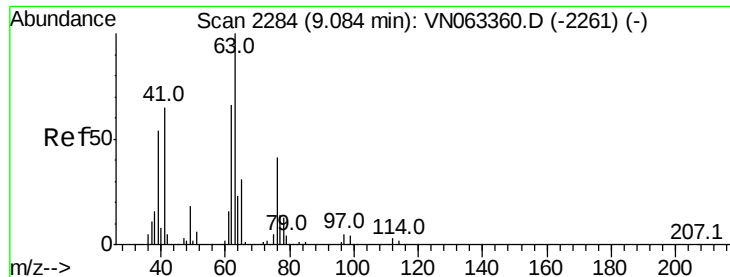
95 101.3 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 17.857 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

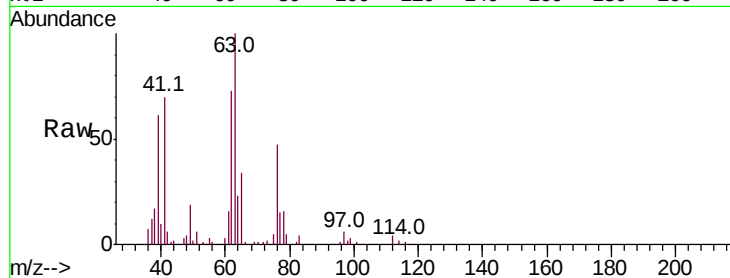
VN0929WBS01

Tot Ion: 63 Resp: 64051

Ion Ratio Lower Upper

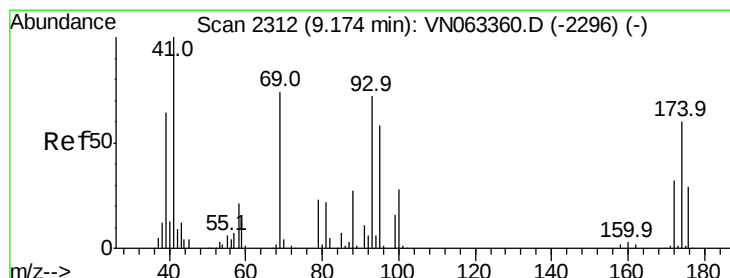
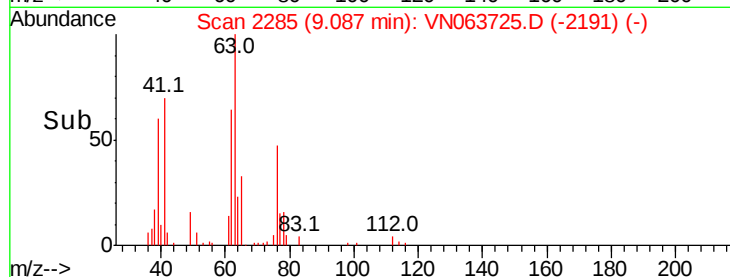
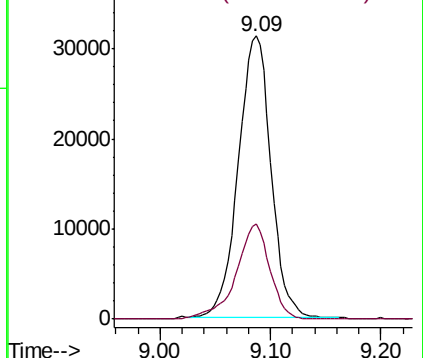
63 100

65 33.7 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.469 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

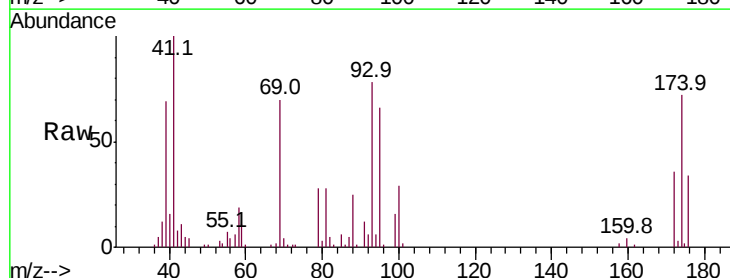
Tgt Ion: 93 Resp: 45898

Ion Ratio Lower Upper

93 100

95 84.6 65.6 98.4

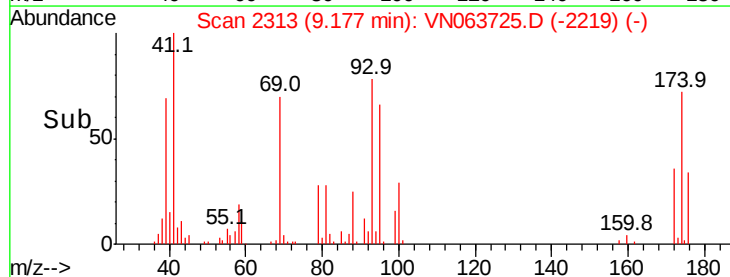
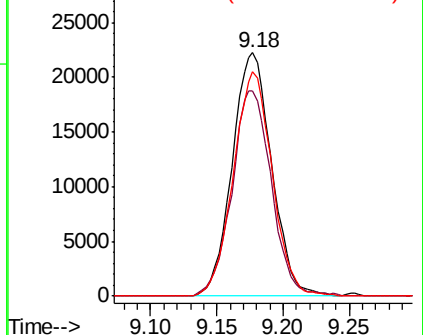
174 91.1 68.1 102.1

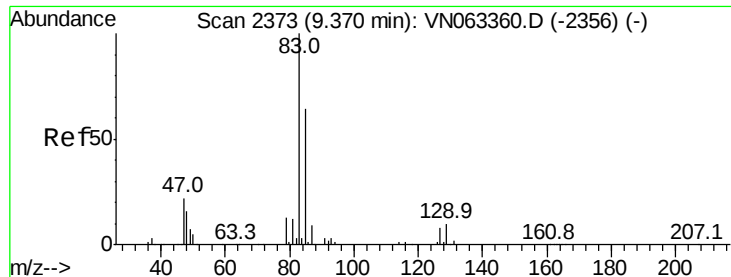


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

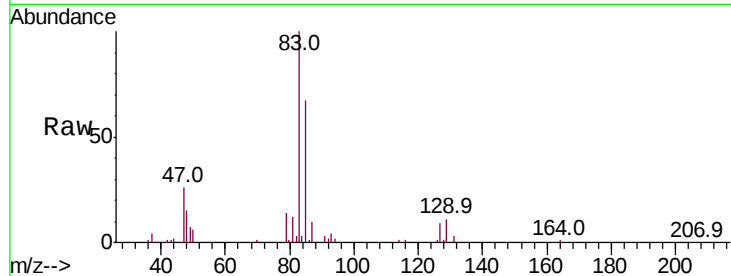




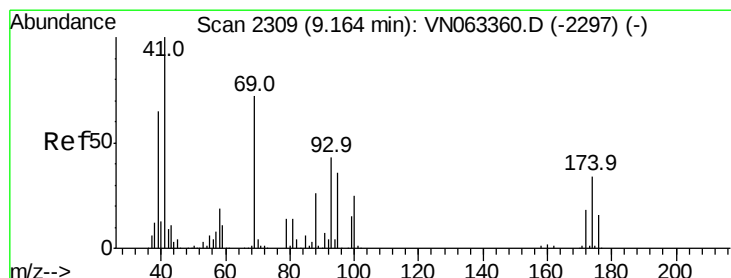
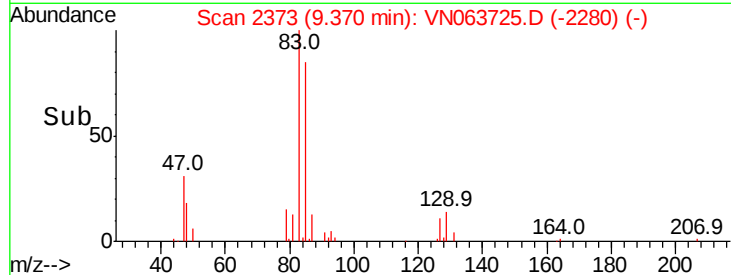
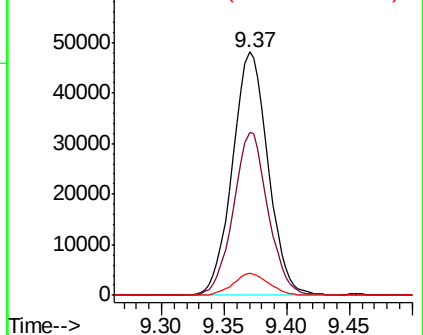
#47
 Bromodichloromethane
 Concen: 19.403 ug/l
 RT: 9.37 min Scan# 2373
 Delta R.T. -0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

Tot Ion: 83 Resp: 95030
 Ion Ratio Lower Upper
 83 100
 85 67.1 51.0 76.6
 127 9.0 6.3 9.5

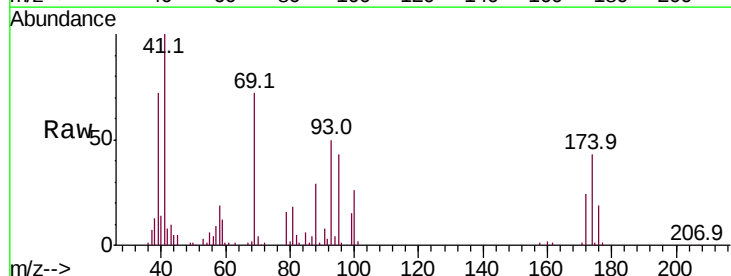


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): VN0

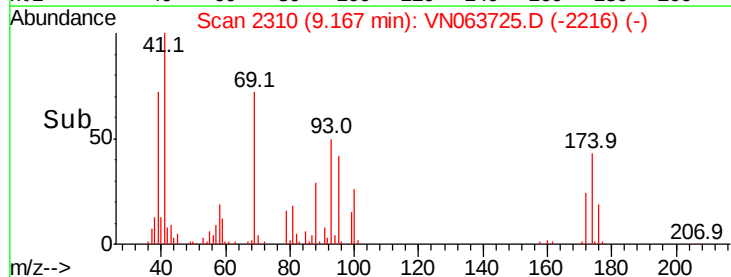
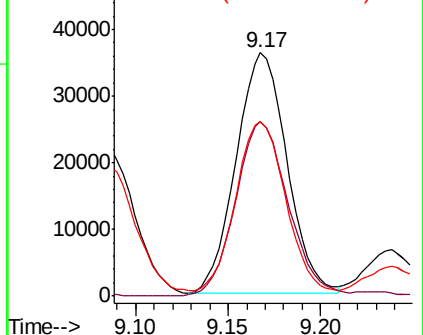


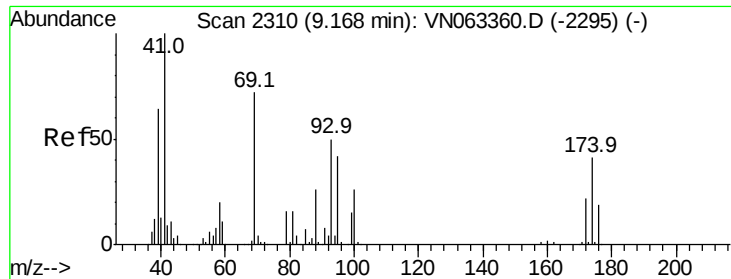
#48
 Methyl methacrylate
 Concen: 17.356 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

Tgt Ion: 41 Resp: 69039
 Ion Ratio Lower Upper
 41 100
 69 75.1 59.3 88.9
 39 71.8 52.9 79.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

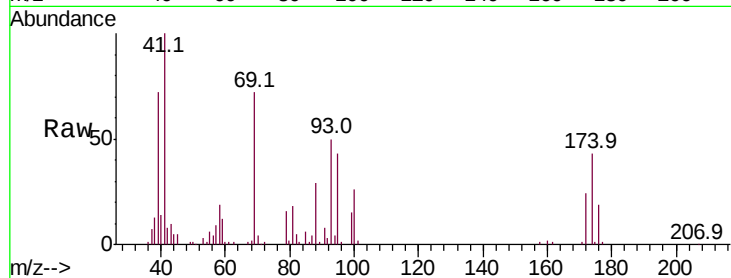




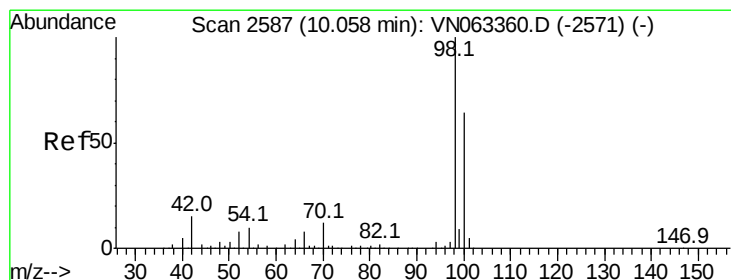
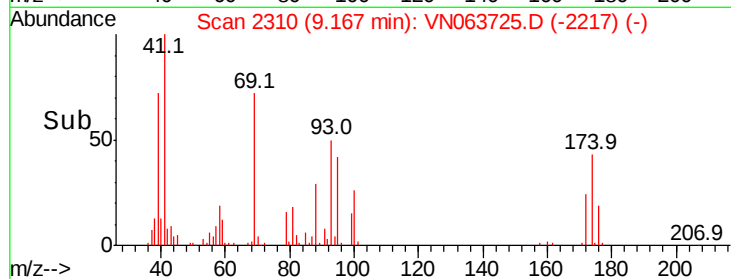
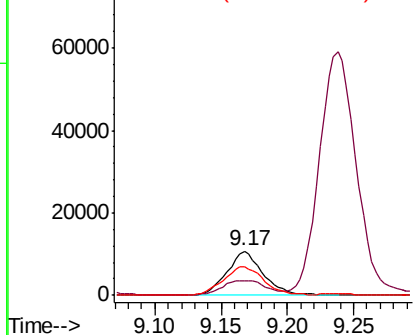
#49
 1,4-Dioxane
 Concen: 355.494 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

Instrument :
 MSVOA_N
 ClientSampled :
 VN0929WBS01

Tot Ion: 88 Resp: 20293
 Ion Ratio Lower Upper
 88 100
 43 37.6 32.6 49.0
 58 72.9 60.0 90.0

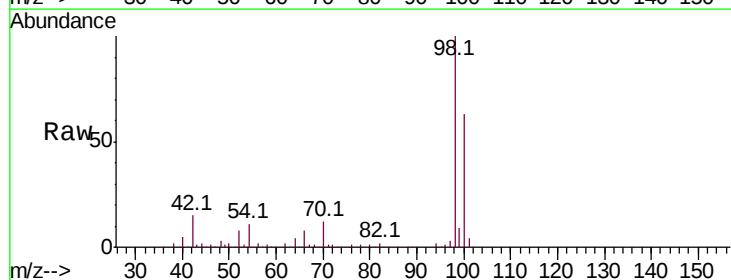


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

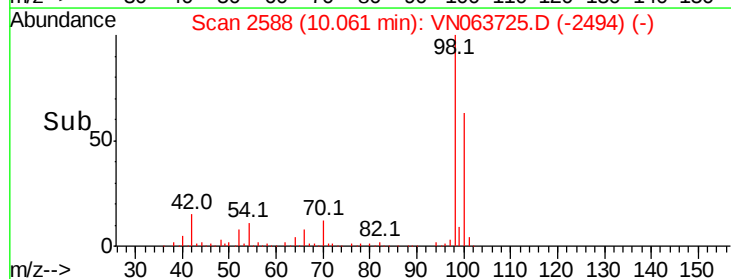
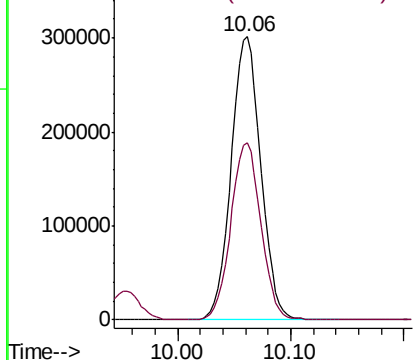


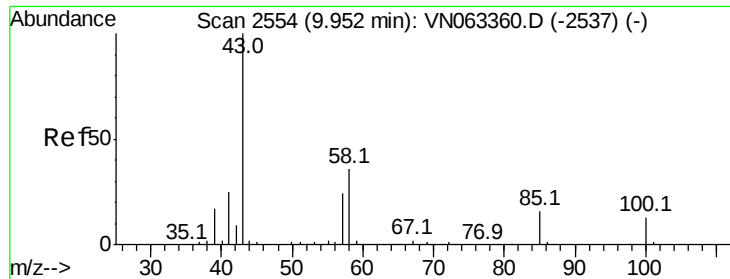
#50
 Toluene-d8
 Concen: 48.820 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

Tgt Ion: 98 Resp: 550326
 Ion Ratio Lower Upper
 98 100
 100 63.1 50.7 76.1



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: 97.069 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampled :

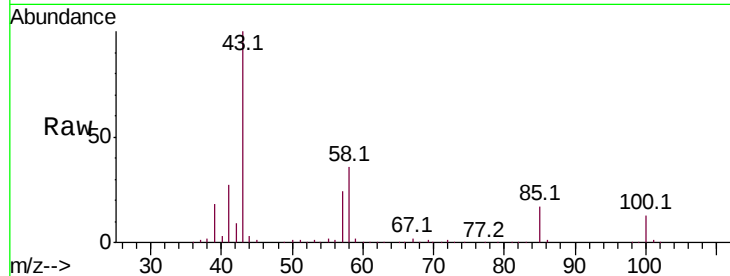
VN0929WBS01

Tot Ion: 43 Resp: 439976

Ion Ratio Lower Upper

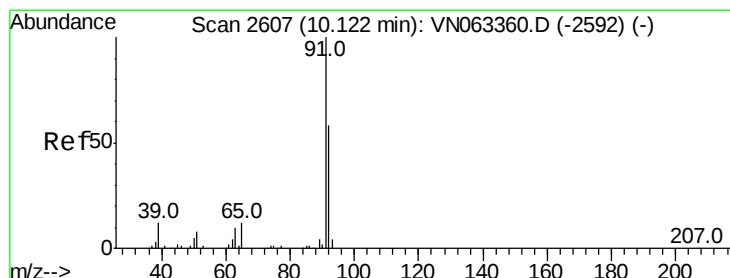
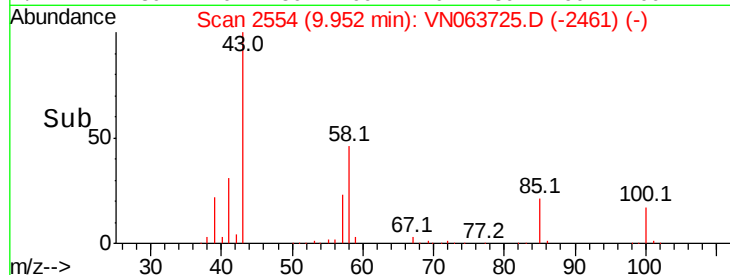
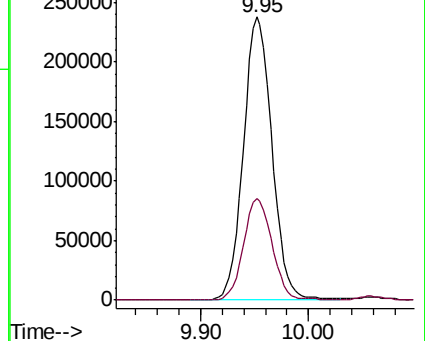
43 100

58 36.0 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.010 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063725.D

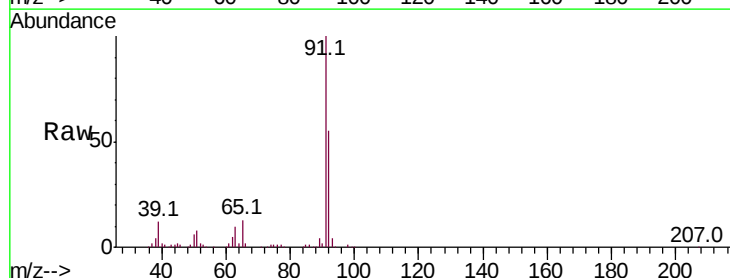
Acq: 29 Sep 2020 14:11

Tgt Ion: 92 Resp: 150523

Ion Ratio Lower Upper

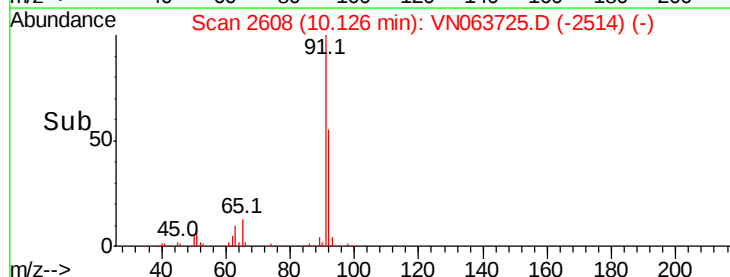
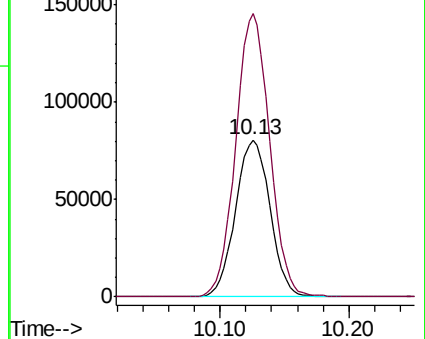
92 100

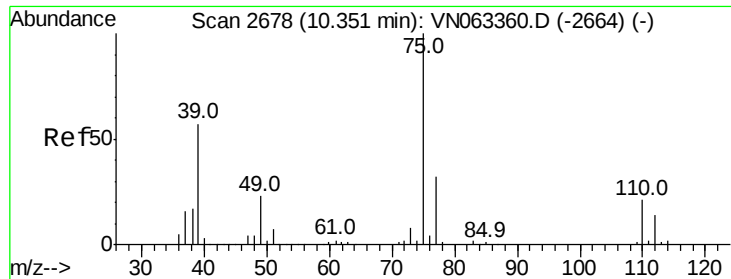
91 176.5 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.748 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampled :

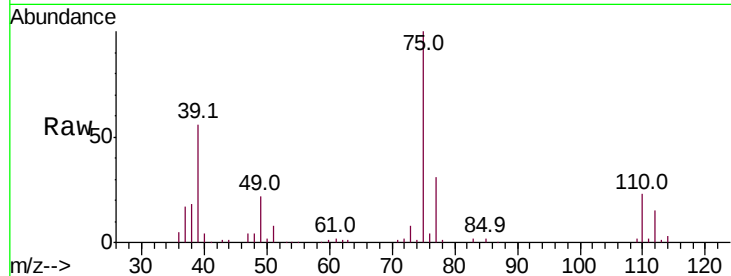
VN0929WBS01

Tot Ion: 75 Resp: 102508

Ion Ratio Lower Upper

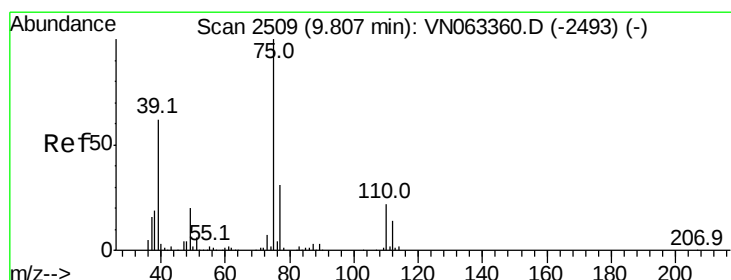
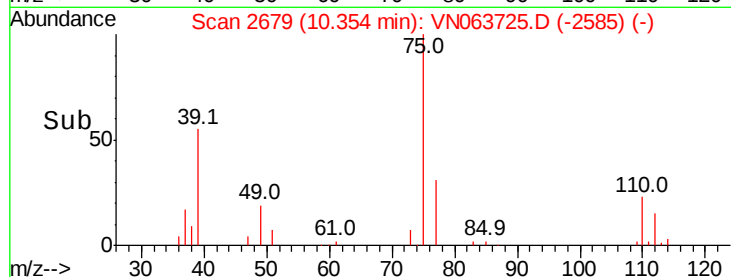
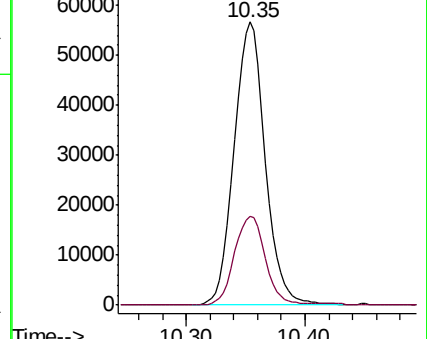
75 100

77 31.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.312 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

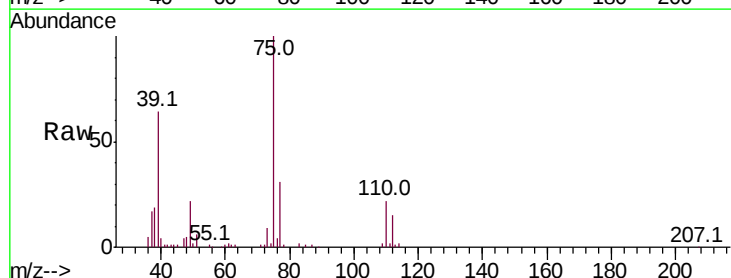
Tgt Ion: 75 Resp: 105611

Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0

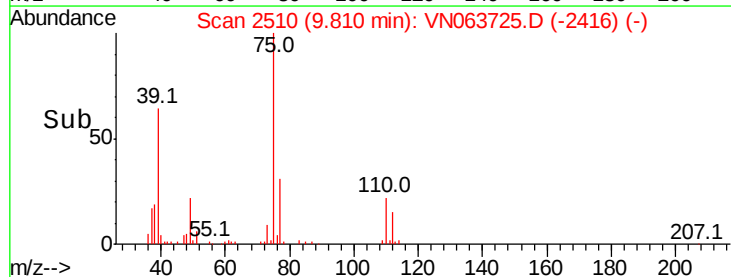
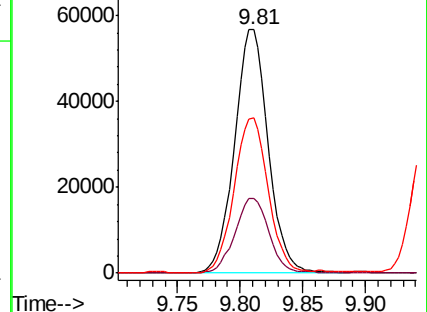
39 63.9 49.8 74.8

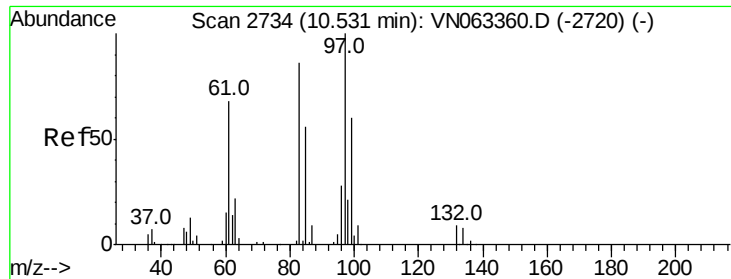


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

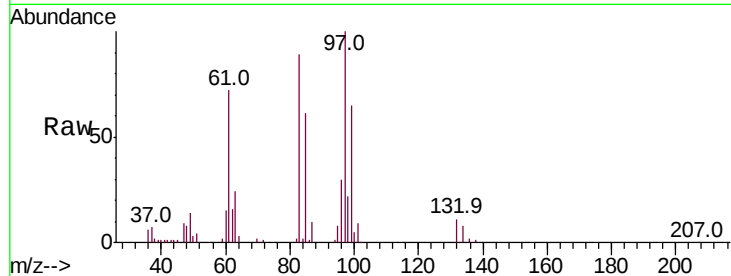




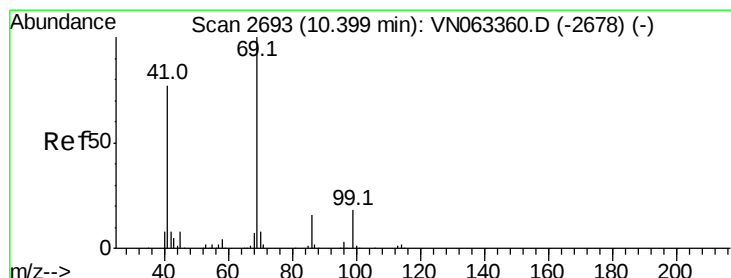
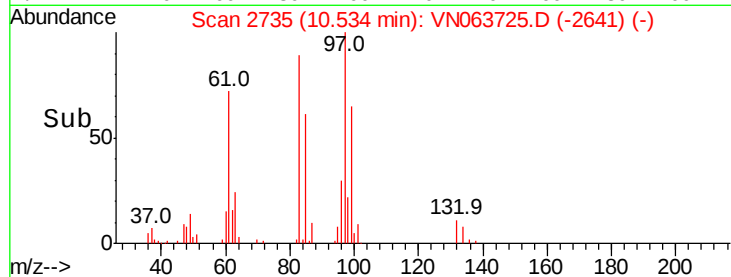
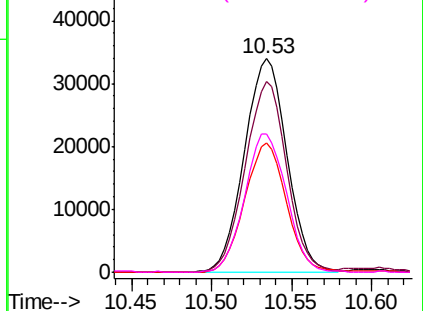
#55
 1,1,2-Trichloroethane
 Concen: 19.674 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

Tot Ion: 97 Resp: 61878
 Ion Ratio Lower Upper
 97 100
 83 89.4 68.9 103.3
 85 60.8 44.8 67.2
 99 64.8 47.8 71.8

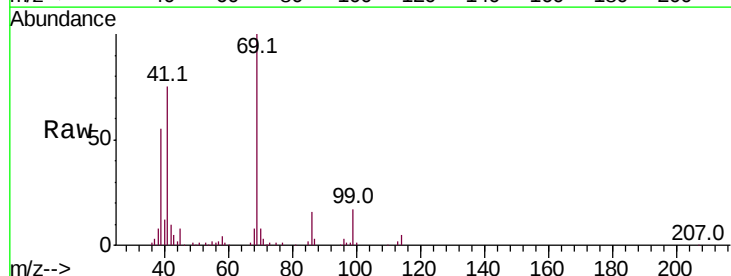


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

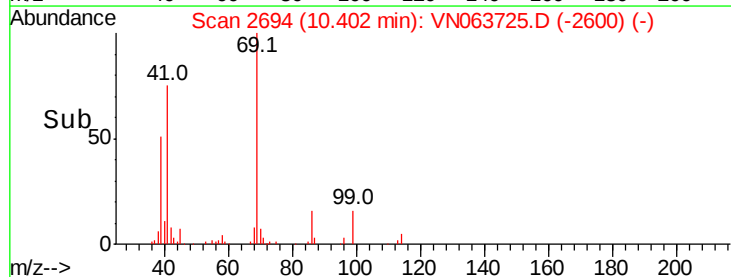
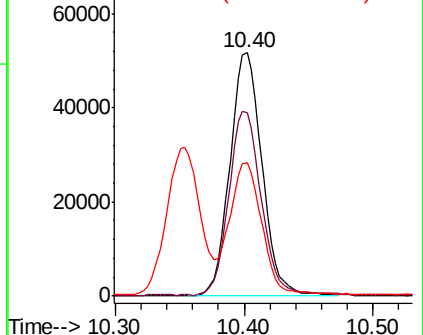


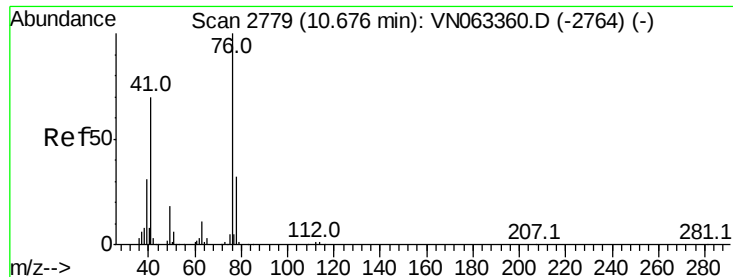
#56
 Ethyl methacrylate
 Concen: 18.265 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

Tgt Ion: 69 Resp: 89677
 Ion Ratio Lower Upper
 69 100
 41 75.9 61.0 91.6
 39 54.7 39.2 58.8



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





#57

1,3-Dichloropropane

Concen: 18.929 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

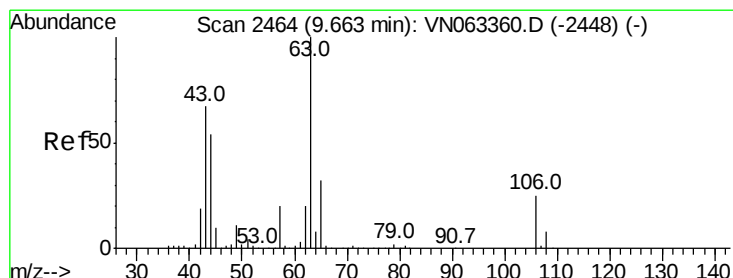
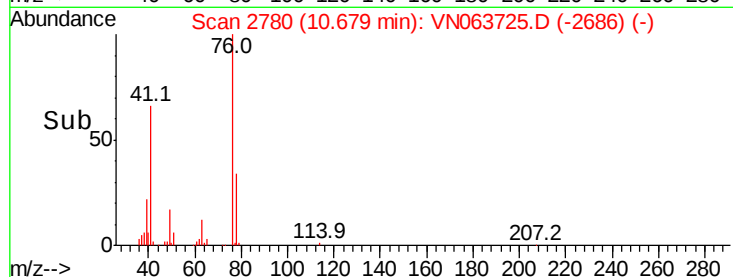
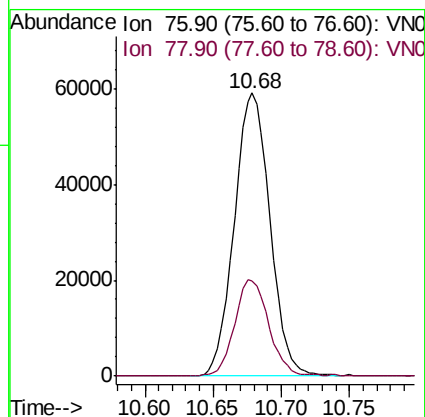
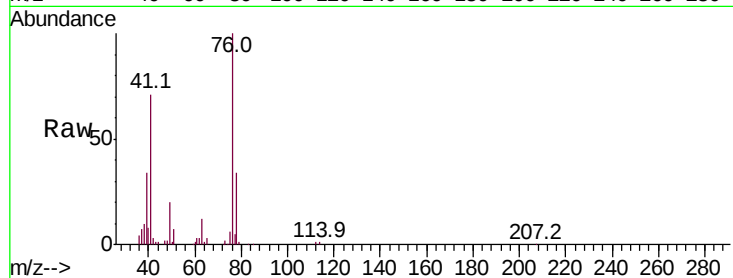
VN0929WBS01

Tot Ion: 76 Resp: 107358

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 82.842 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063725.D

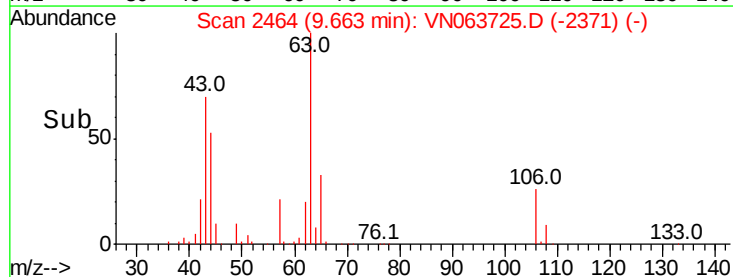
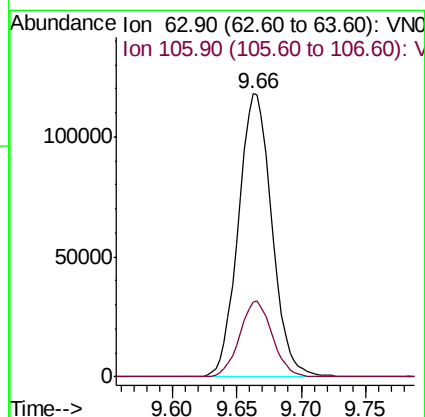
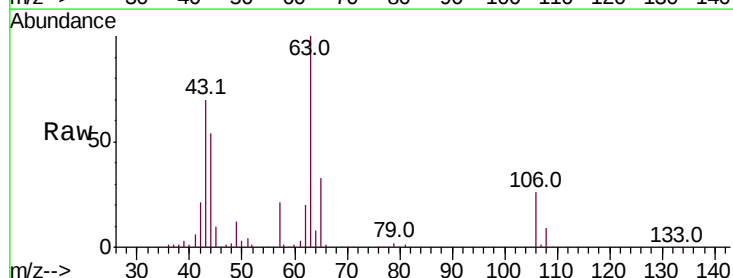
Acq: 29 Sep 2020 14:11

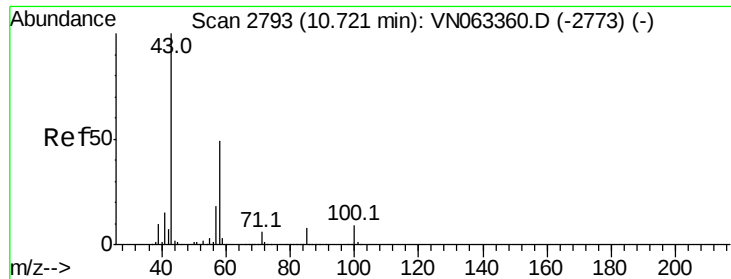
Tgt Ion: 63 Resp: 213369

Ion Ratio Lower Upper

63 100

106 26.1 19.5 29.3





#59

2-Hexanone

Concen: 96.862 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampled :

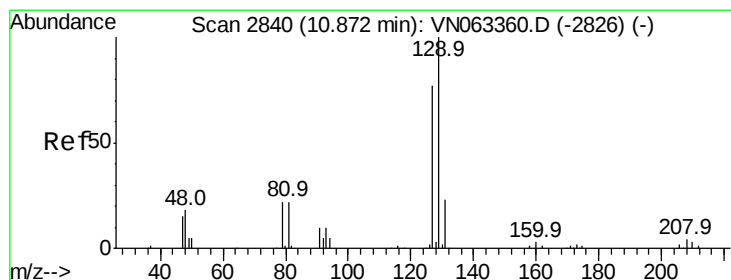
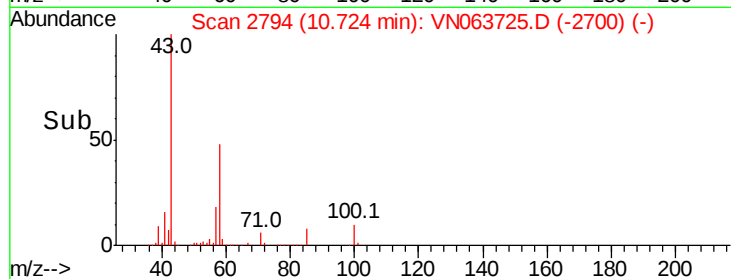
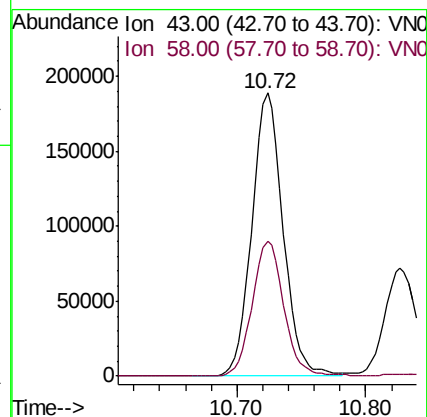
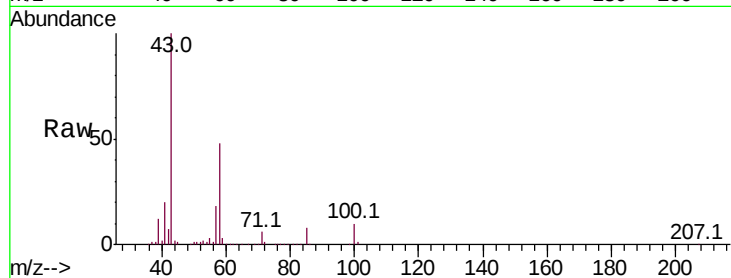
VN0929WBS01

Tot Ion: 43 Resp: 318072

Ion Ratio Lower Upper

43 100

58 48.5 24.7 74.1



#60

Dibromochloromethane

Concen: 19.864 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063725.D

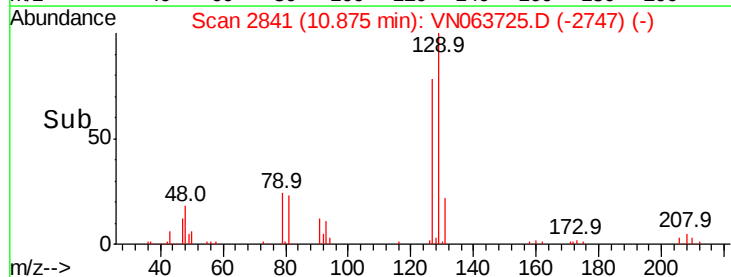
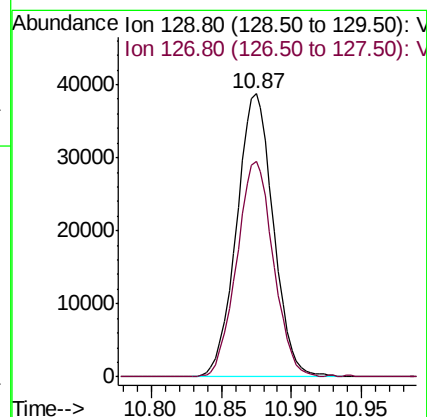
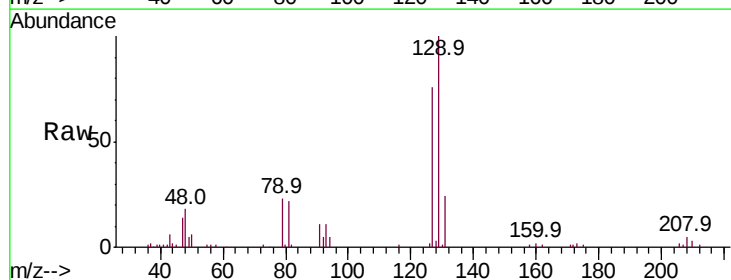
Acq: 29 Sep 2020 14:11

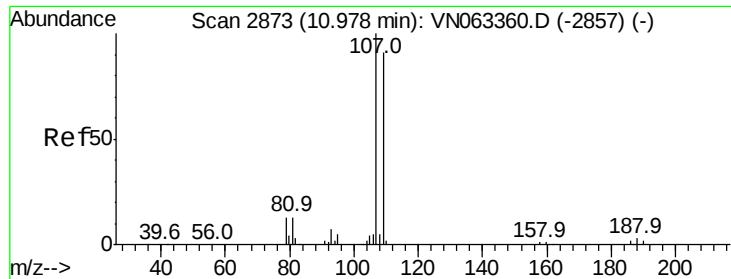
Tgt Ion: 129 Resp: 70580

Ion Ratio Lower Upper

129 100

127 76.0 39.1 117.3

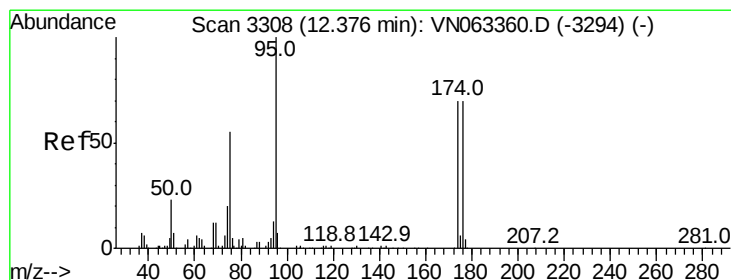
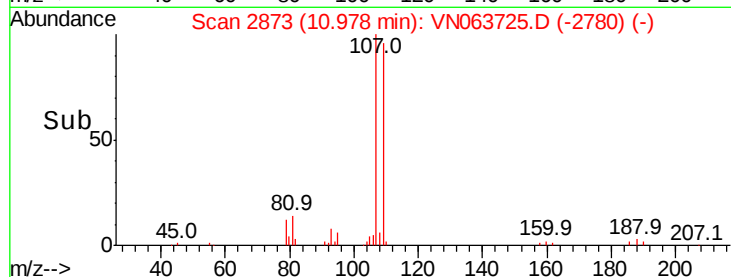
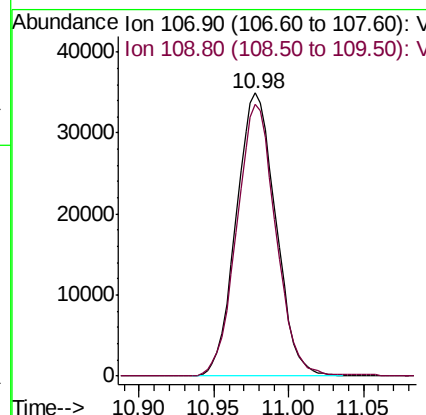
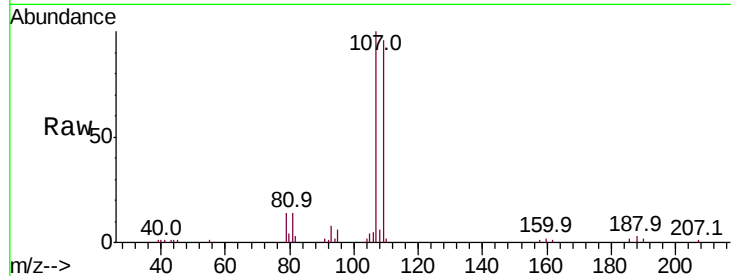




#61
 1,2-Dibromoethane
 Concen: 19.641 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

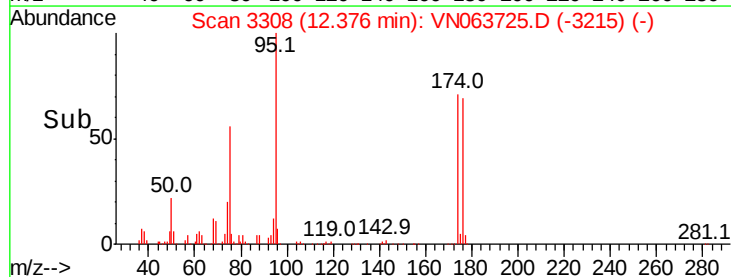
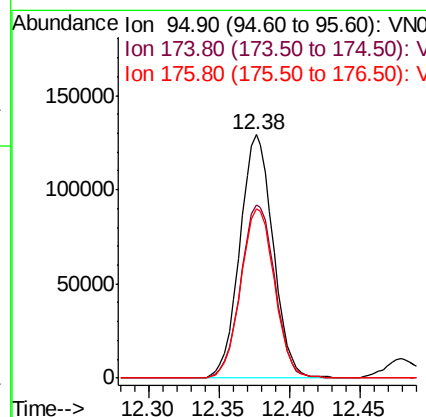
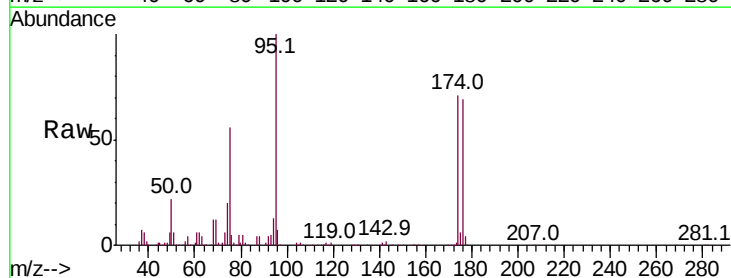
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

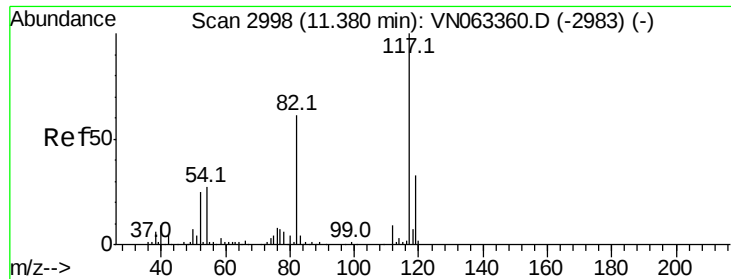
Tot Ion:107 Resp: 64178
 Ion Ratio Lower Upper
 107 100
 109 94.6 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 51.780 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

Tgt Ion: 95 Resp: 213972
 Ion Ratio Lower Upper
 95 100
 174 73.1 0.0 140.8
 176 71.1 0.0 137.6

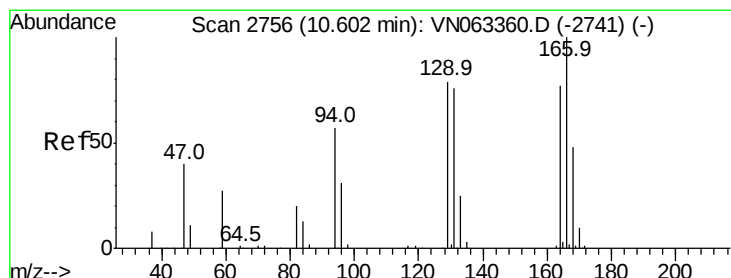
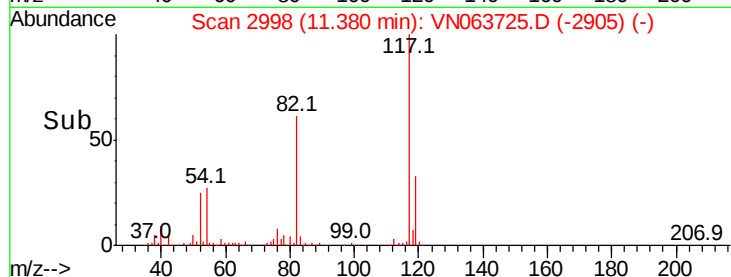
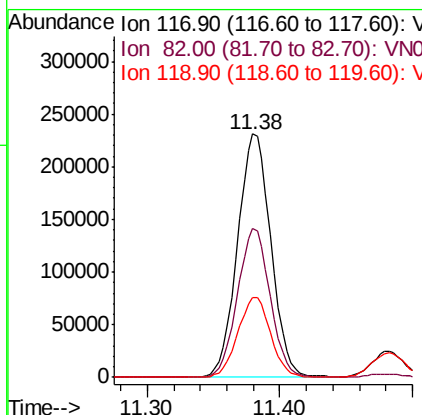
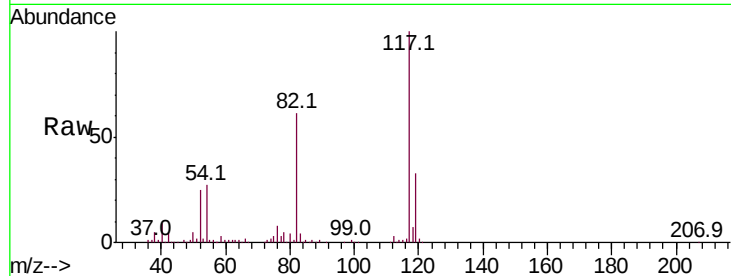




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

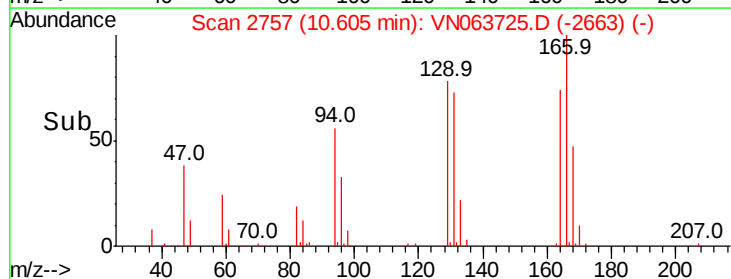
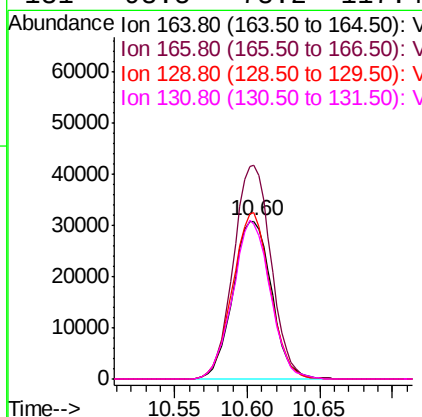
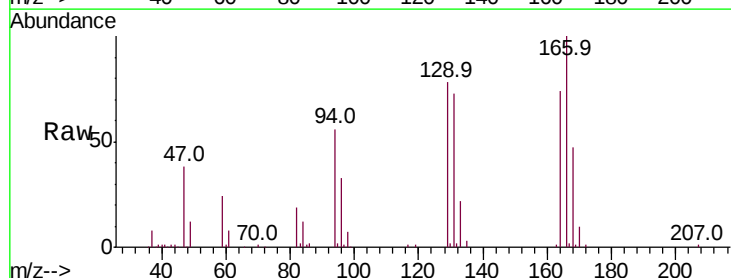
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

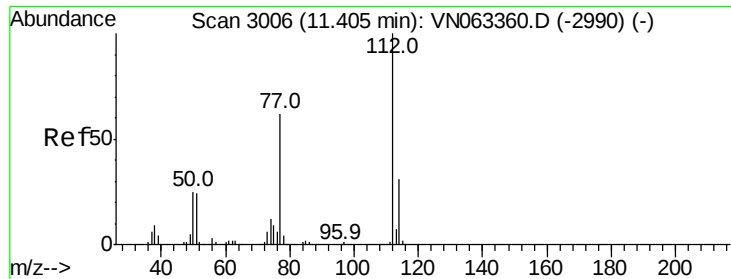
Tot Ion:117 Resp: 404091
Ion Ratio Lower Upper
117 100
82 61.2 49.2 73.8
119 32.8 26.2 39.4



#64
Tetrachloroethene
Concen: 20.766 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion:164 Resp: 57139
Ion Ratio Lower Upper
164 100
166 135.5 103.4 155.0
129 105.7 81.8 122.6
131 98.5 78.2 117.4





#65

Chlorobenzene

Concen: 19.137 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

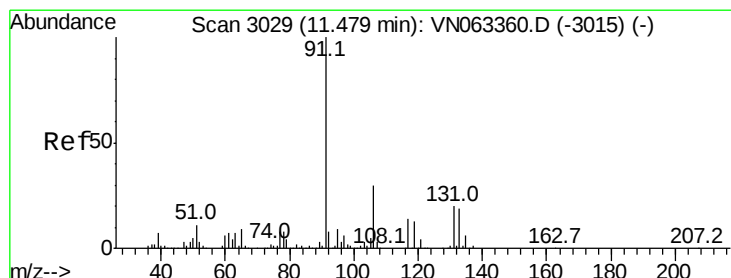
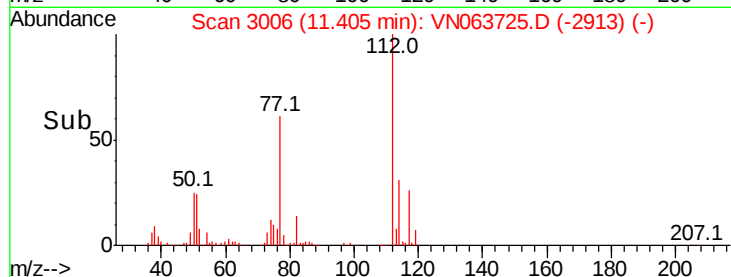
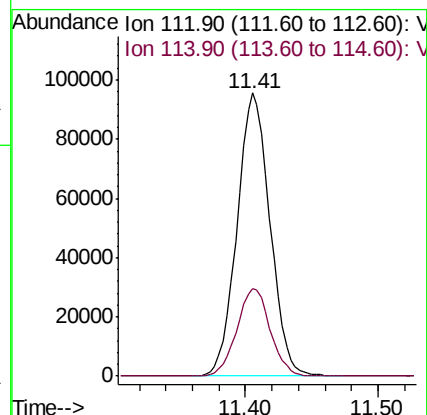
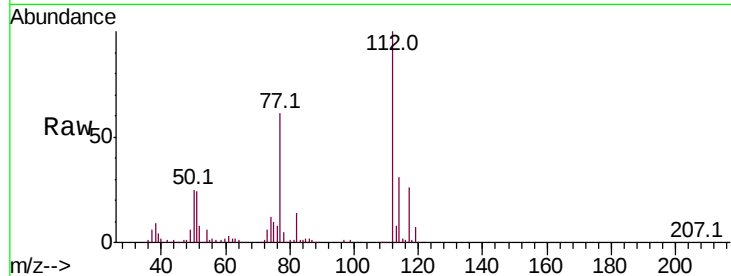
VN0929WBS01

Tot Ion:112 Resp: 164155

Ion Ratio Lower Upper

112 100

114 31.0 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.043 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

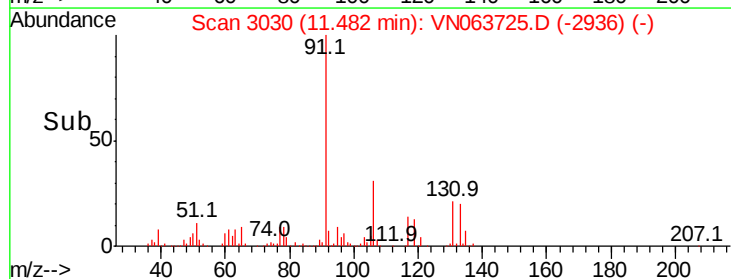
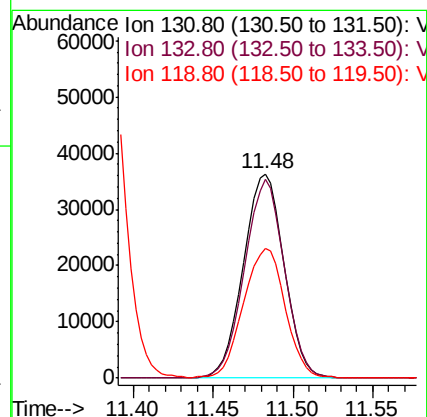
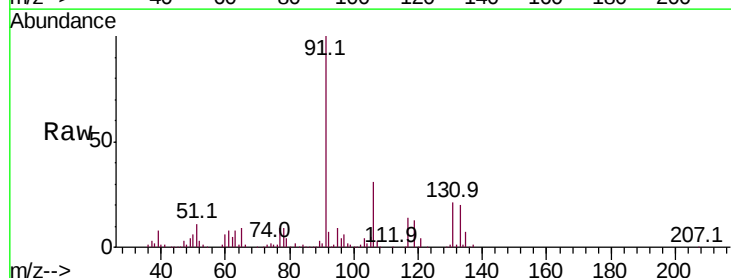
Tgt Ion:131 Resp: 63021

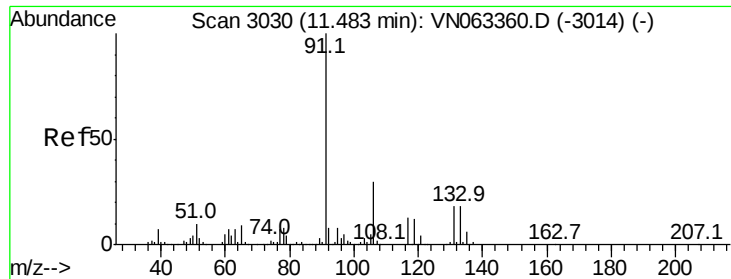
Ion Ratio Lower Upper

131 100

133 95.6 47.3 141.9

119 65.3 33.6 100.8

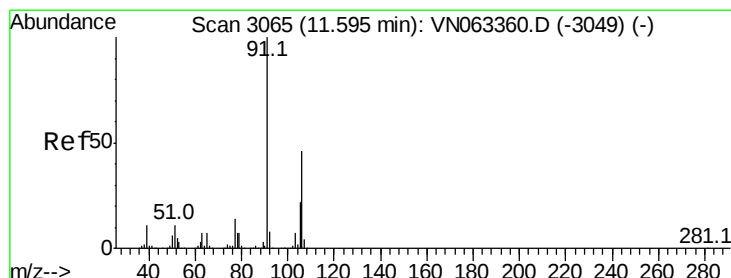
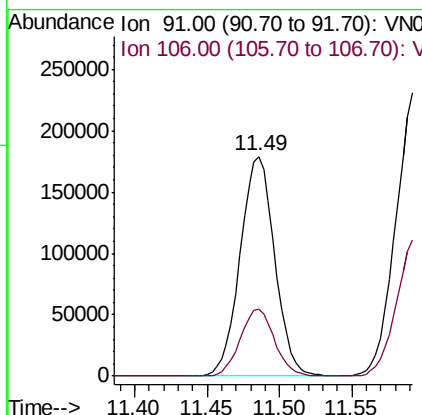
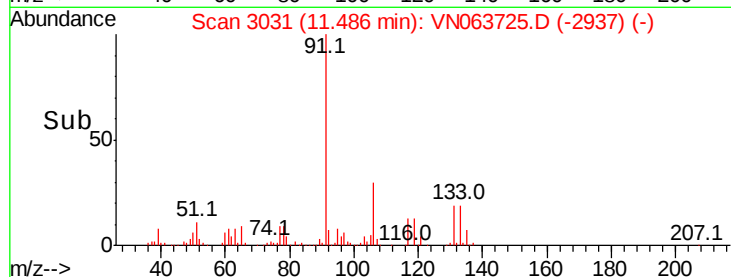
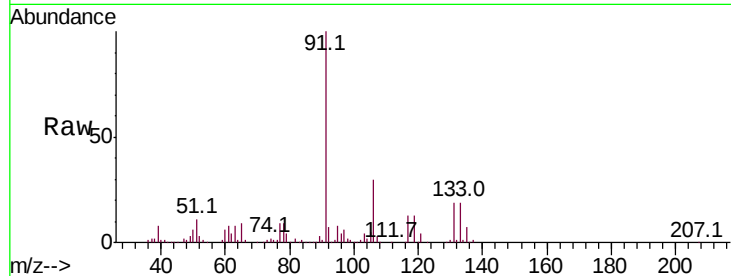




#67
Ethyl Benzene
Concen: 18.367 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

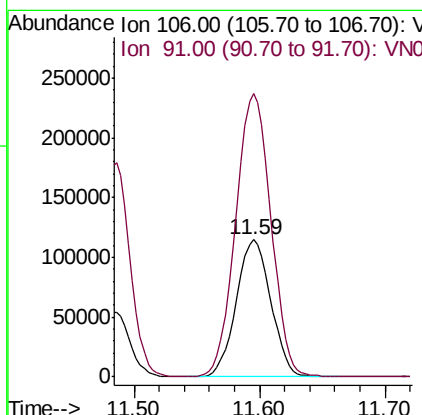
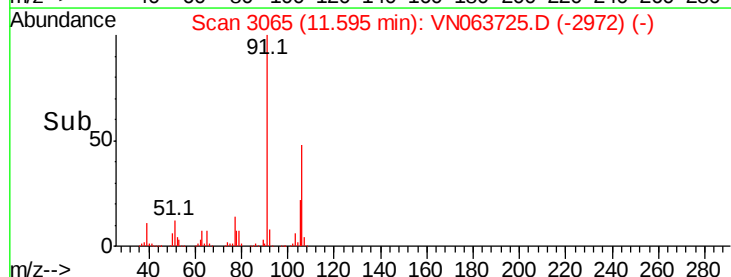
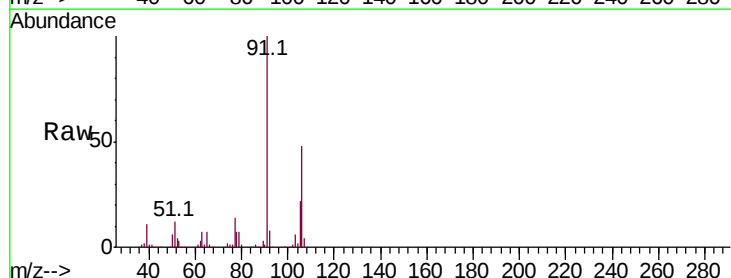
Instrument :
MSVOA_N
ClientSampled :
VN0929WBS01

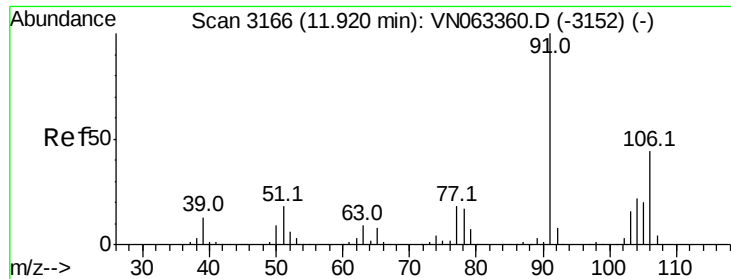
Tot Ion: 91 Resp: 296689
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6



#68
m/p-Xylenes
Concen: 37.967 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion: 106 Resp: 221125
Ion Ratio Lower Upper
106 100
91 208.7 171.2 256.8

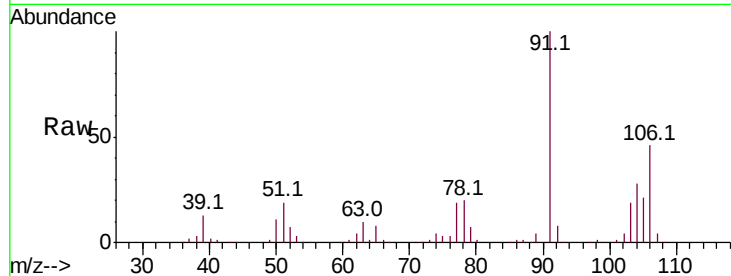




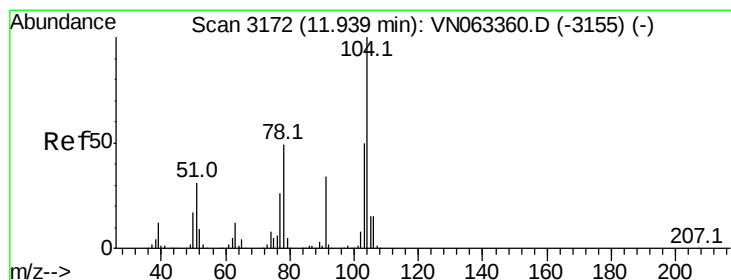
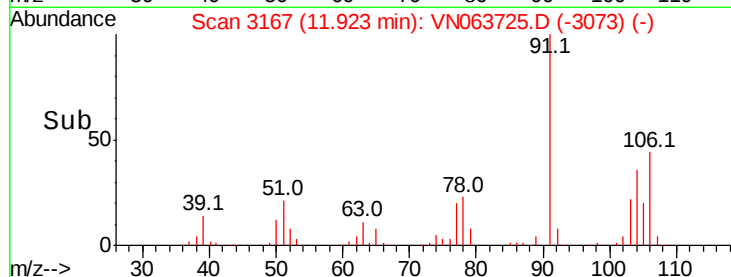
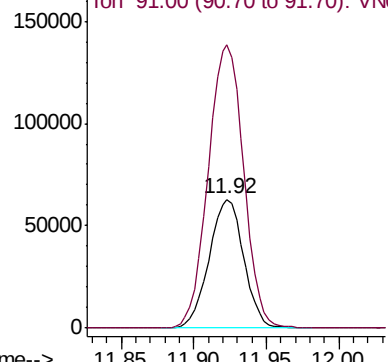
#69
o-Xylene
Concen: 18.853 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Instrument :
MSVOA_N
ClientSampled :
VN0929WBS01

Tot Ion:106 Resp: 104600
Ion Ratio Lower Upper
106 100
91 224.9 113.6 340.8

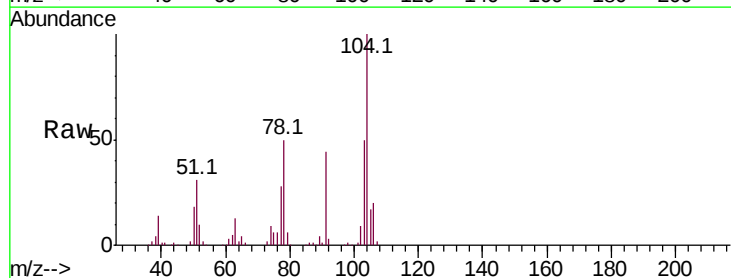


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

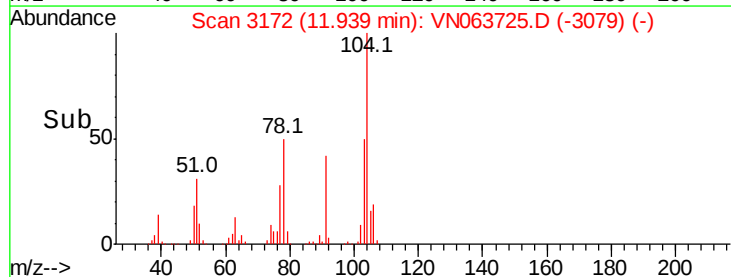
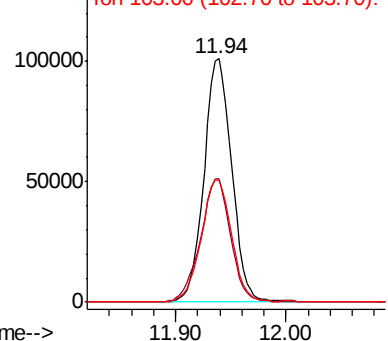


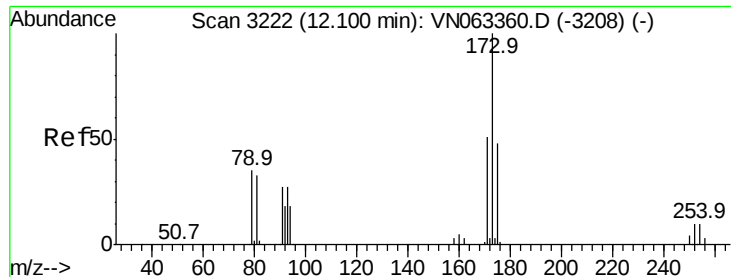
#70
Styrene
Concen: 19.033 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion:104 Resp: 177084
Ion Ratio Lower Upper
104 100
78 54.7 44.4 66.6
103 54.7 43.7 65.5



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

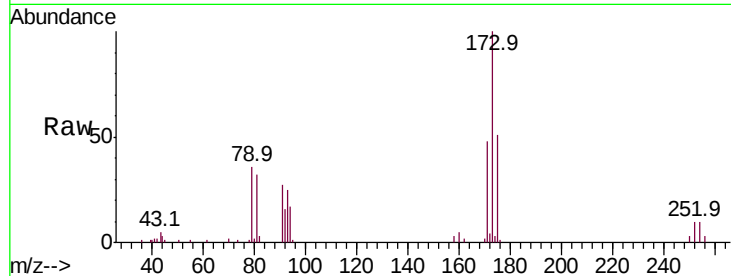




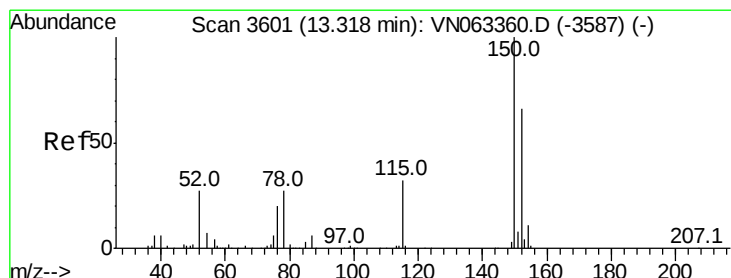
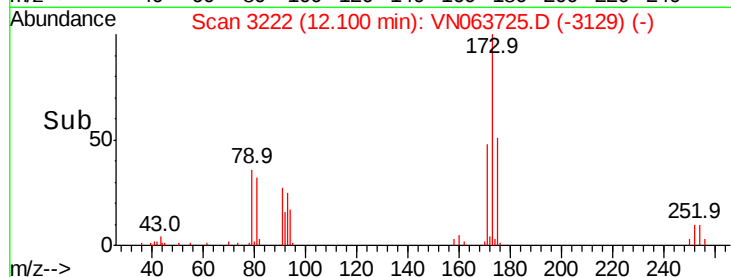
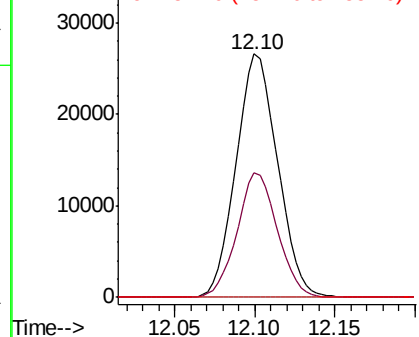
#71
Bromoform
Concen: 20.134 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

Tot Ion:173 Resp: 47163
Ion Ratio Lower Upper
173 100
175 49.3 24.0 72.0
254 0.0 0.0 0.0

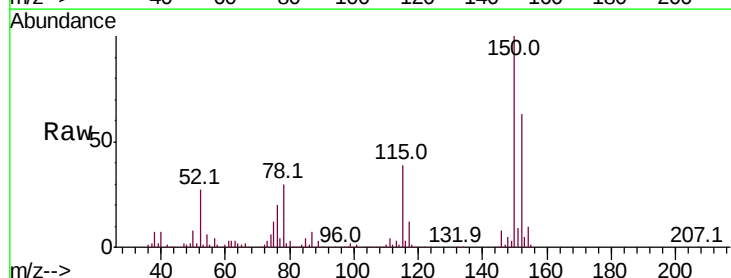


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

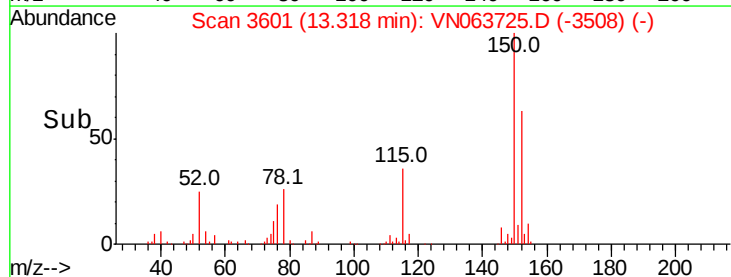
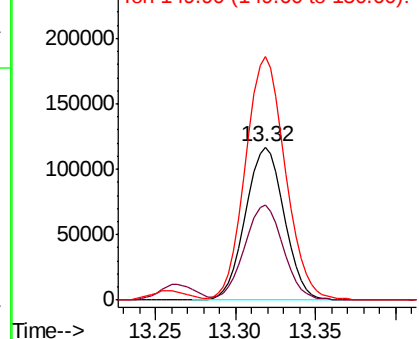


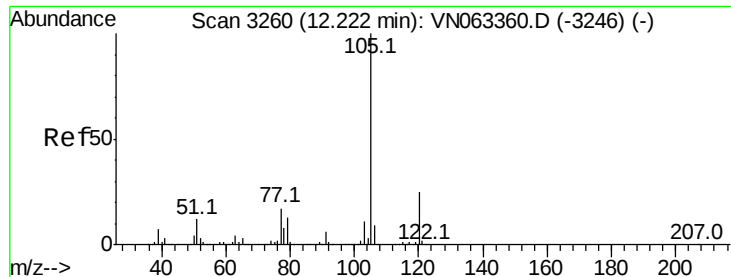
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion:152 Resp: 192978
Ion Ratio Lower Upper
152 100
115 61.8 32.2 96.6
150 163.9 0.0 343.4



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: 18.509 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

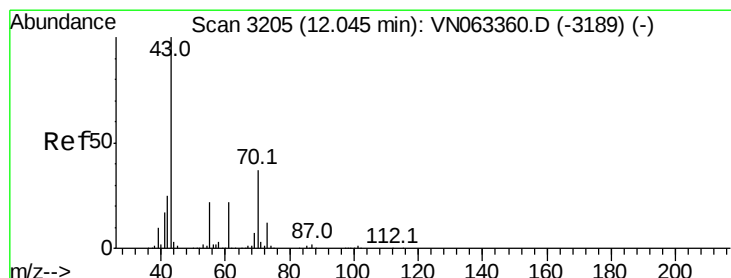
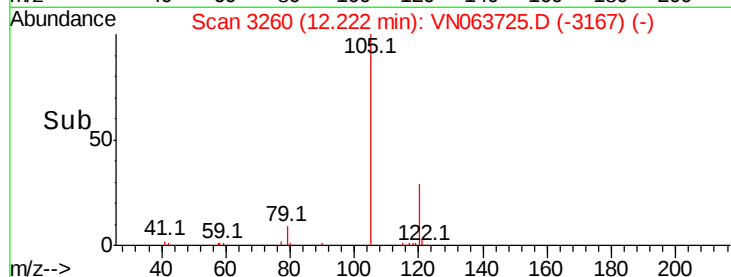
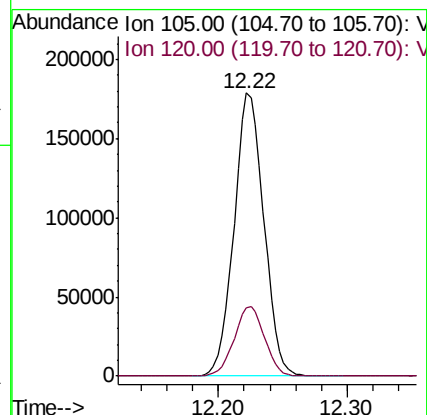
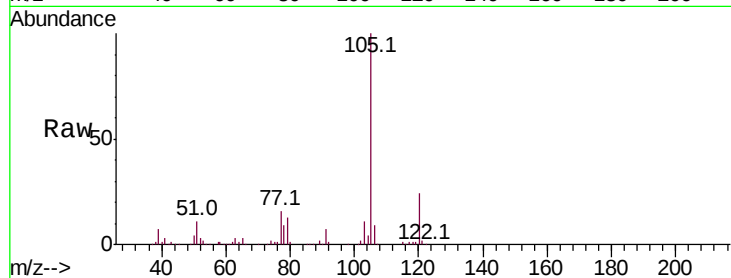
VN0929WBS01

Tot Ion:105 Resp: 286228

Ion Ratio Lower Upper

105 100

120 25.1 12.7 38.0



#74

N-ethyl acetate

Concen: 16.868 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Tgt Ion: 43 Resp: 123478

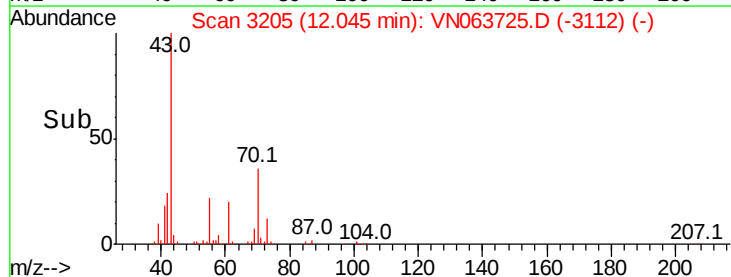
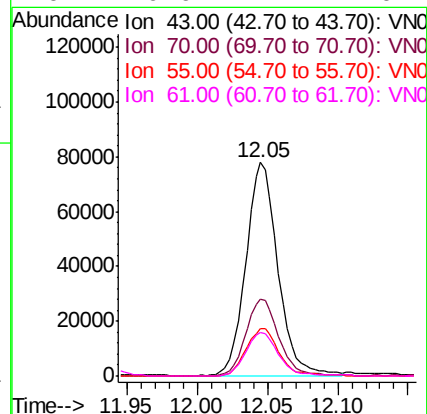
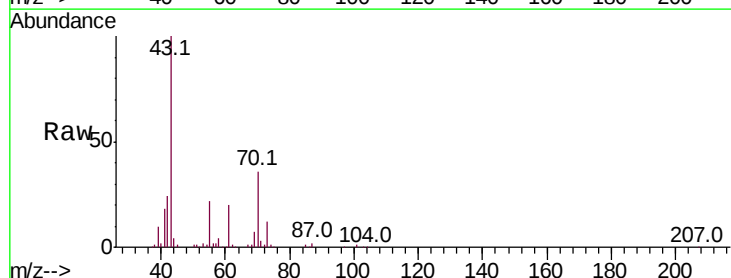
Ion Ratio Lower Upper

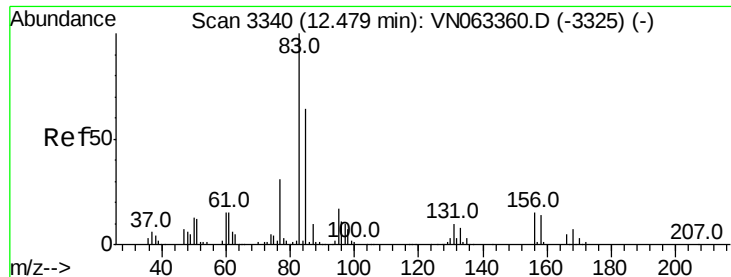
43 100

70 37.2 29.6 44.4

55 23.1 17.7 26.5

61 20.9 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.515 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

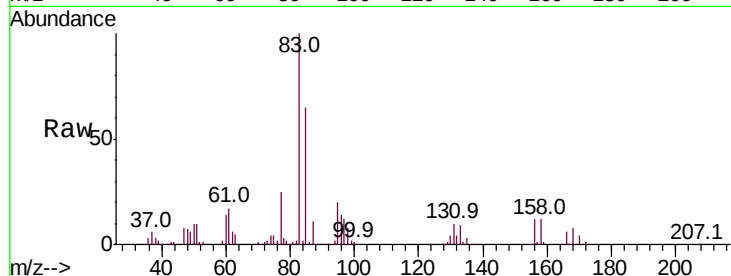
Tot Ion: 83 Resp: 88655

Ion Ratio Lower Upper

83 100

131 10.3 4.9 14.7

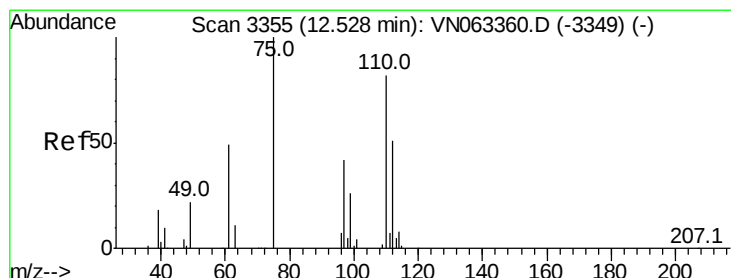
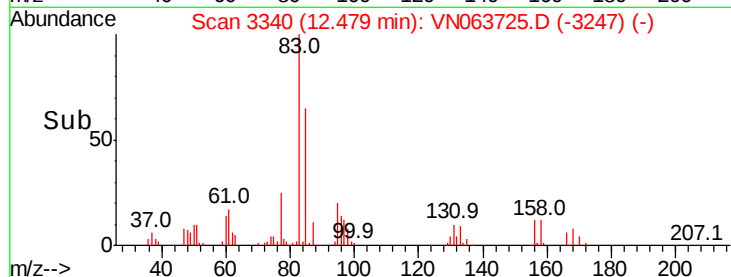
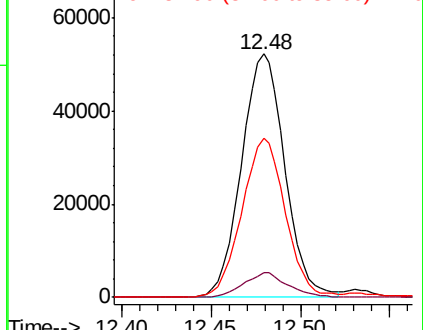
85 65.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.893 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063725.D

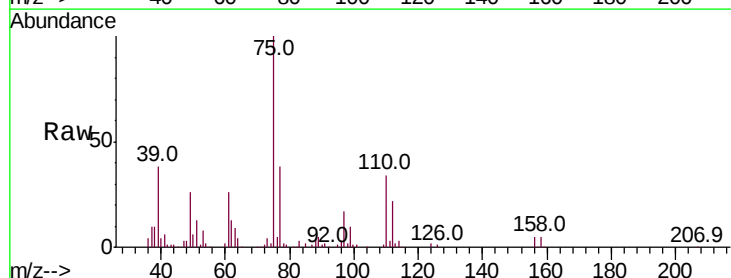
Acq: 29 Sep 2020 14:11

Tgt Ion: 75 Resp: 123676

Ion Ratio Lower Upper

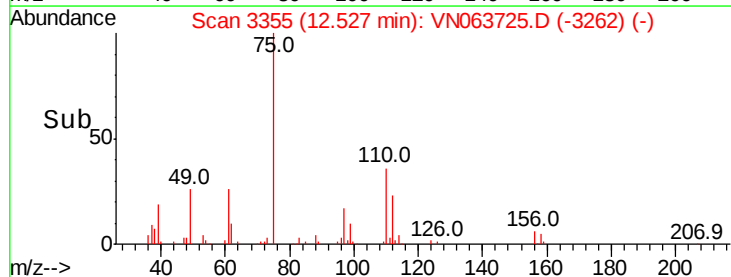
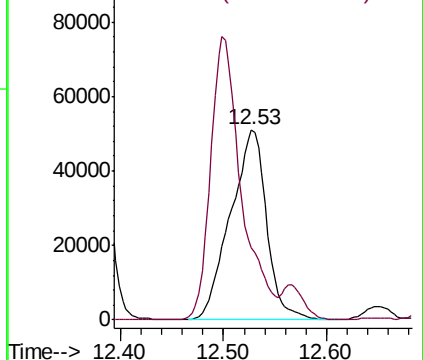
75 100

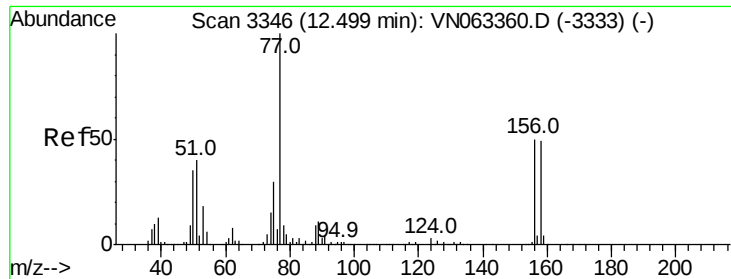
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

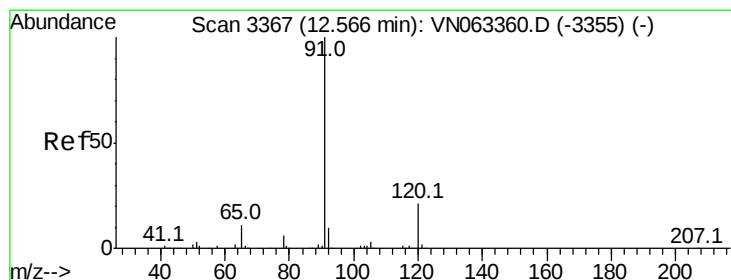
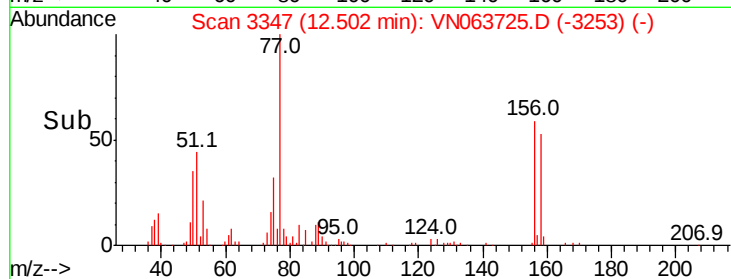
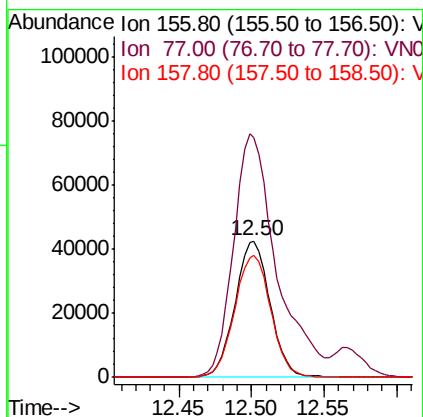
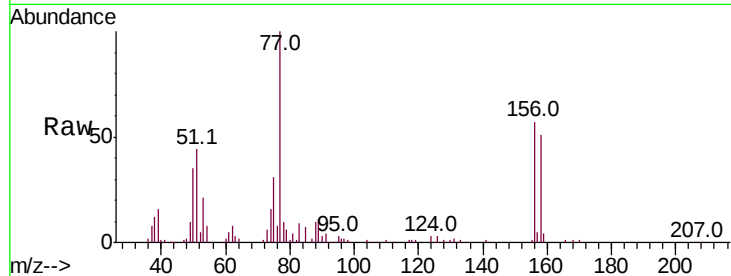




#77
Bromobenzene
Concen: 20.523 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

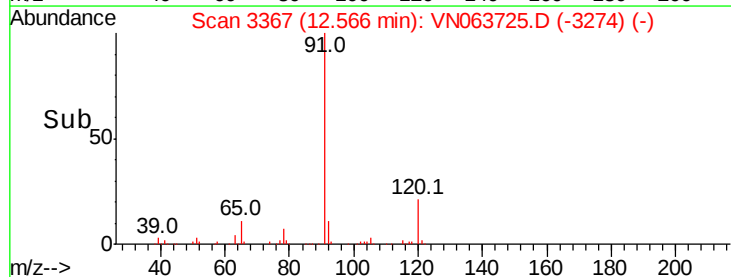
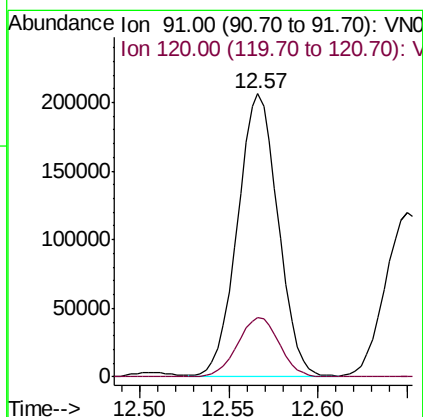
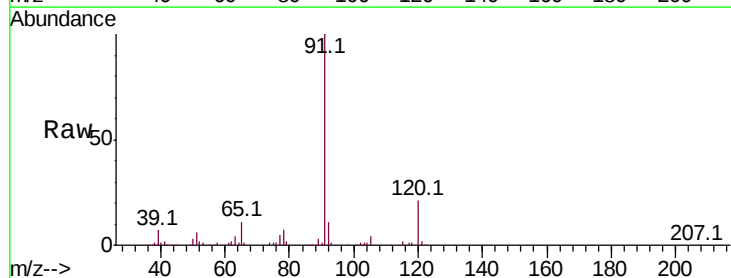
Instrument :
MSVOA_N
ClientSampled :
VN0929WBS01

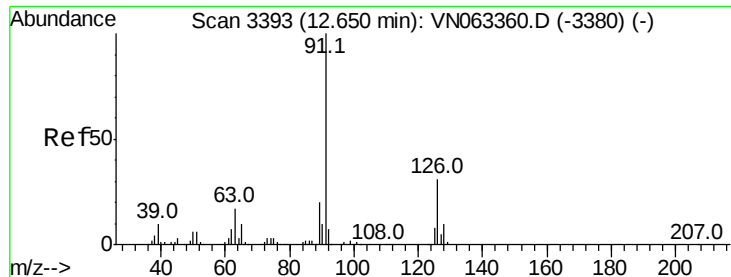
Tot Ion:156 Resp: 71392
Ion Ratio Lower Upper
156 100
77 221.3 120.2 360.6
158 92.6 48.9 146.6



#78
n-propylbenzene
Concen: 18.033 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion: 91 Resp: 324795
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.3

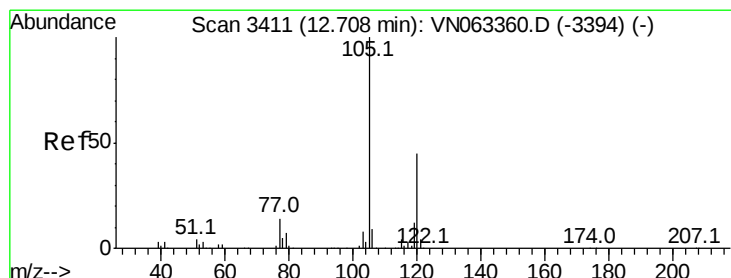
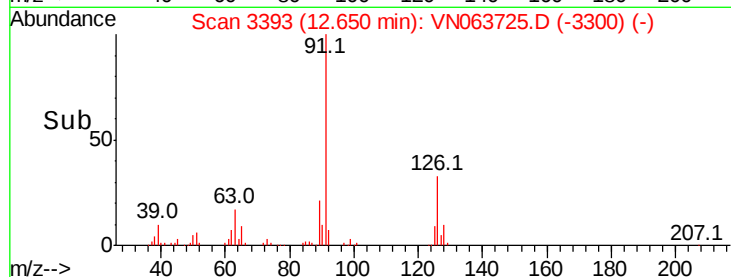
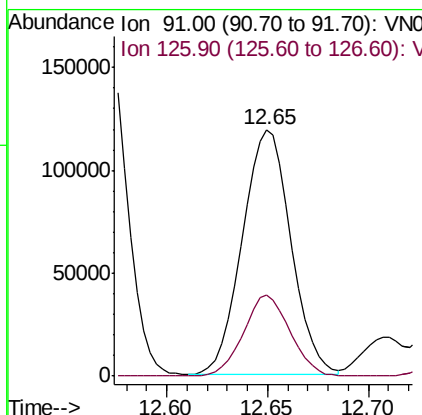
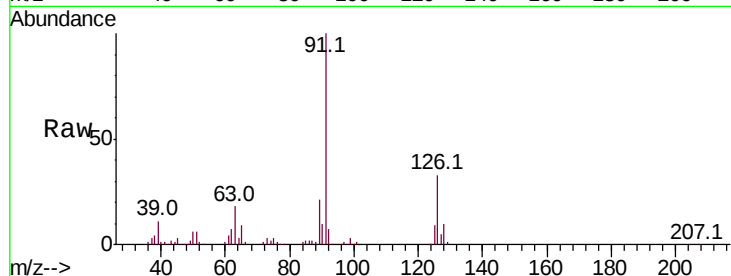




#79
 2-Chlorotoluene
 Concen: 18.662 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

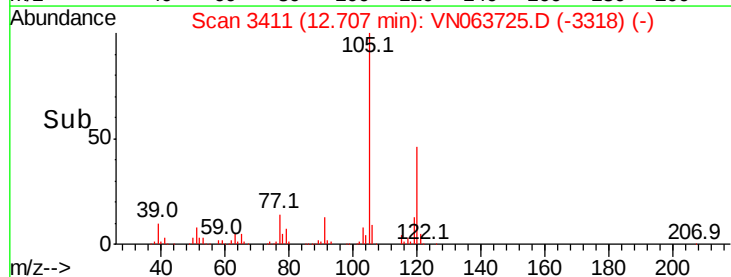
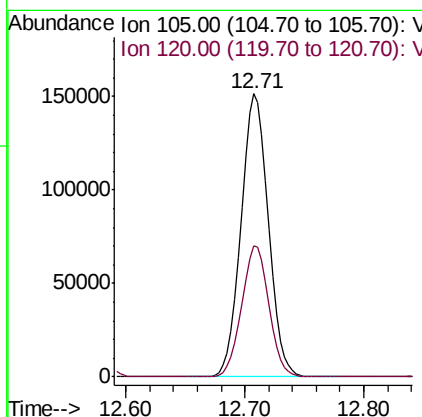
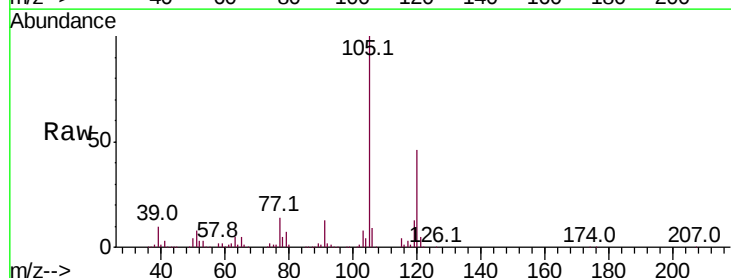
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

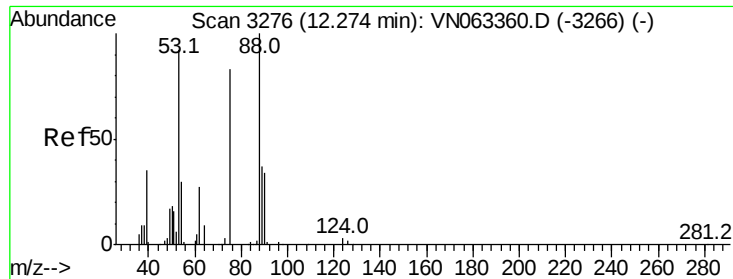
Tot Ion: 91 Resp: 201487
 Ion Ratio Lower Upper
 91 100
 126 31.6 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.688 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

Tgt Ion:105 Resp: 240989
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.642 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

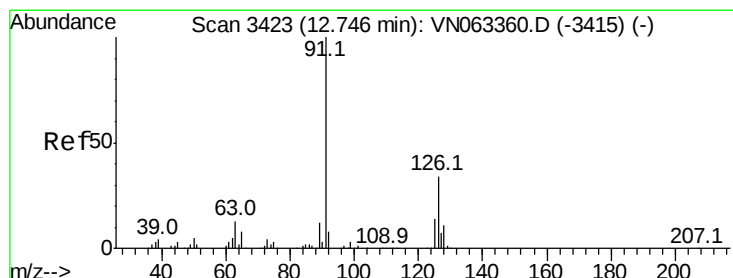
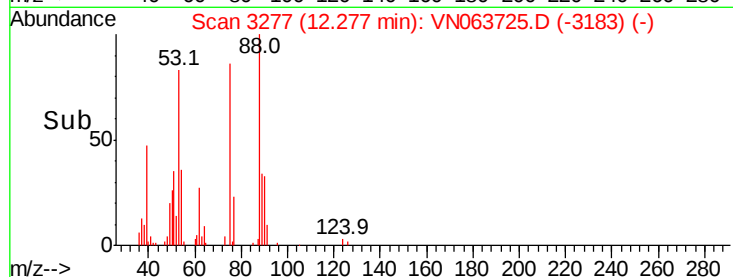
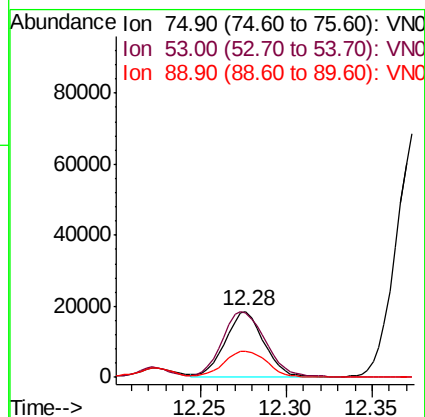
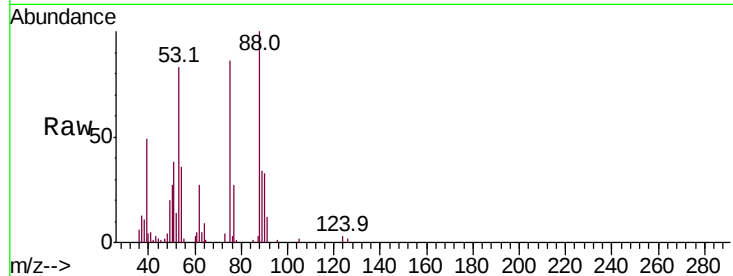
Tot Ion: 75 Resp: 28993

Ion Ratio Lower Upper

75 100

53 112.2 85.7 128.5

89 44.4 38.0 57.0



#82

4-Chlorotoluene

Concen: 18.394 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063725.D

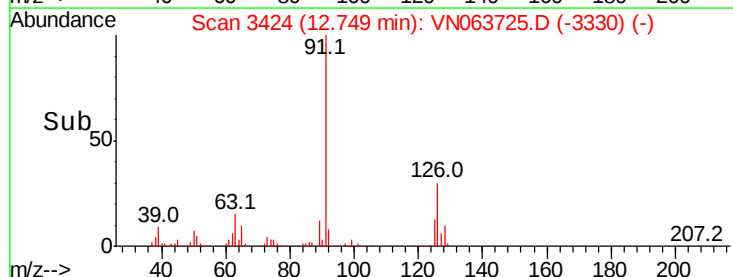
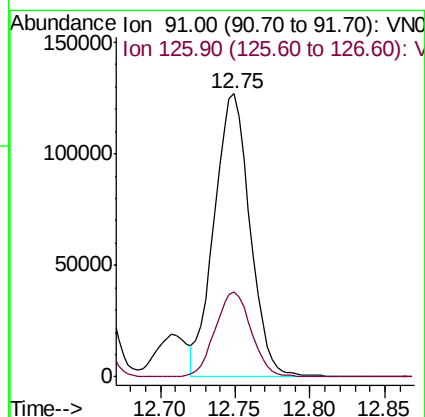
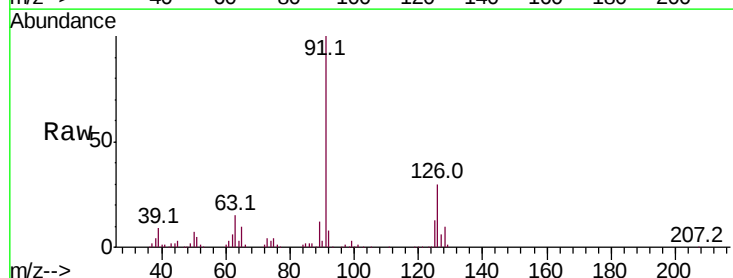
Acq: 29 Sep 2020 14:11

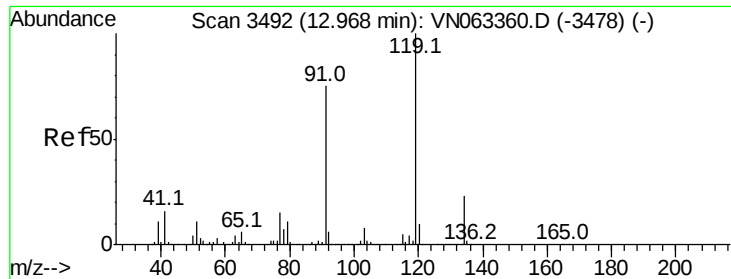
Tgt Ion: 91 Resp: 209840

Ion Ratio Lower Upper

91 100

126 30.7 15.5 46.5

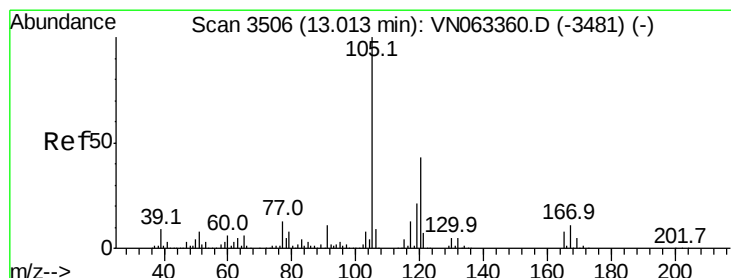
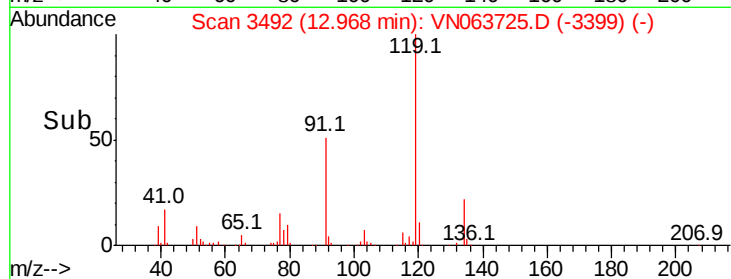
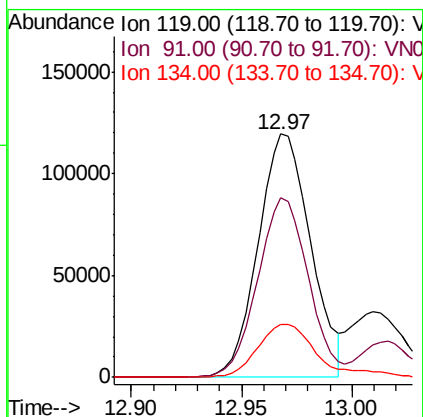
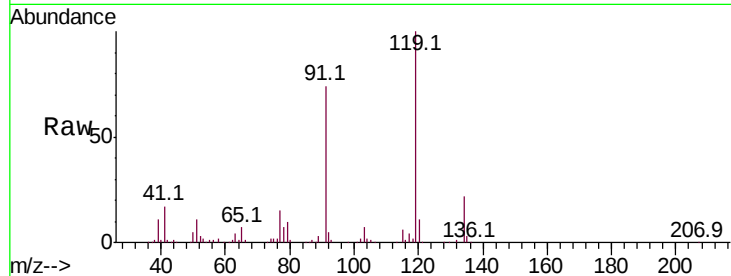




#83
tert-Butylbenzene
Concen: 18.542 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

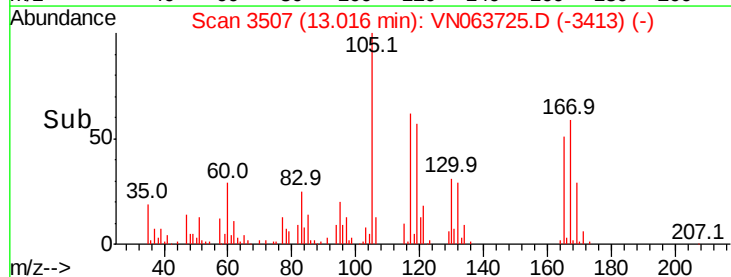
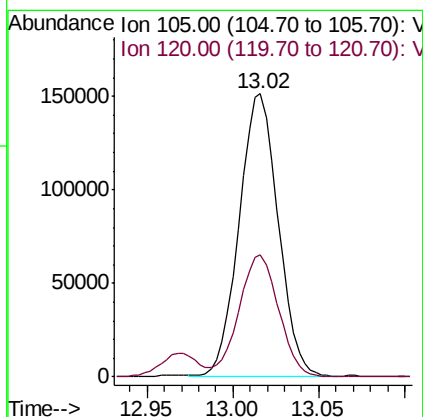
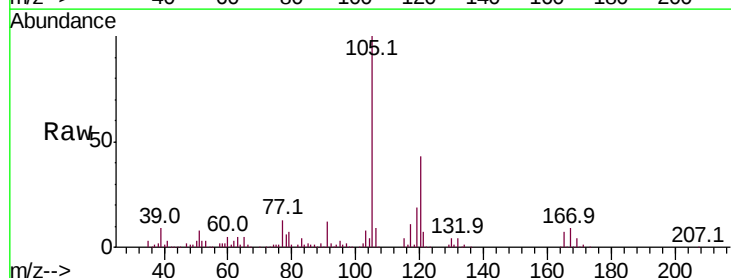
Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

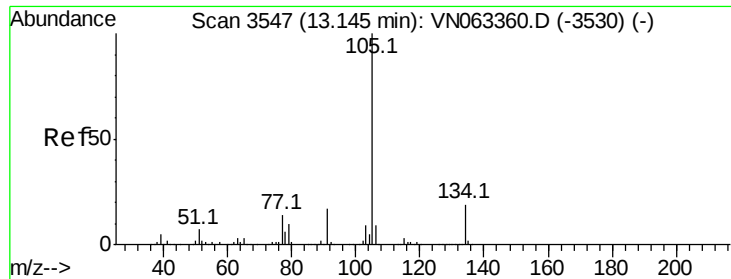
Tot Ion:119 Resp: 197341
Ion Ratio Lower Upper
119 100
91 71.5 36.3 108.9
134 24.8 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 18.219 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063725.D
Acq: 29 Sep 2020 14:11

Tgt Ion:105 Resp: 237310
Ion Ratio Lower Upper
105 100
120 44.1 21.3 63.9





#85

sec-Butylbenzene

Concen: 18.093 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

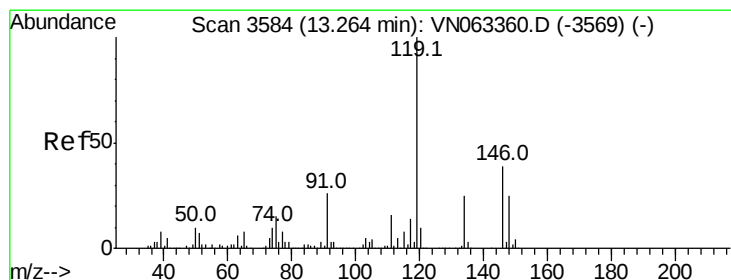
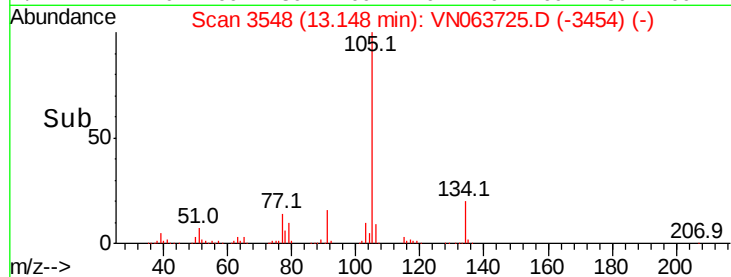
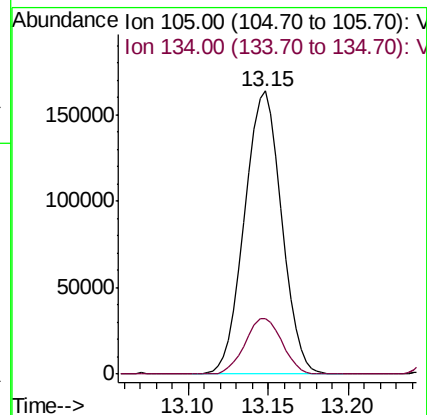
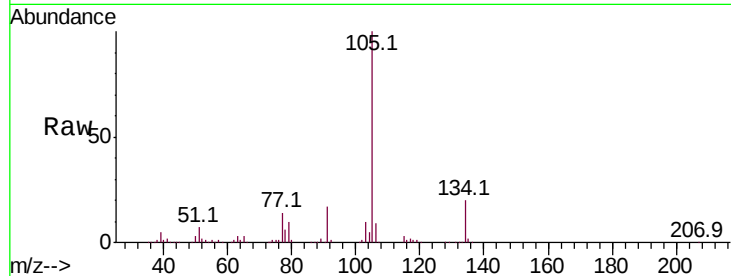
VN0929WBS01

Tot Ion:105 Resp: 257749

Ion Ratio Lower Upper

105 100

134 19.7 9.3 27.7



#86

p-Isopropyltoluene

Concen: 18.484 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

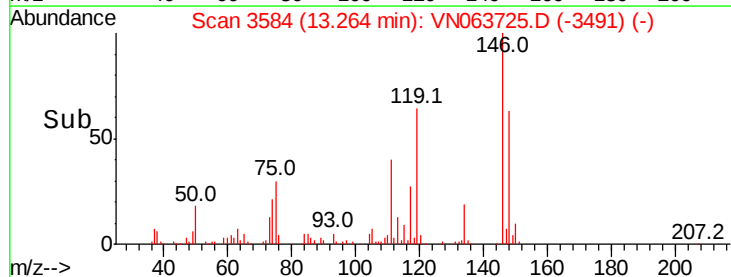
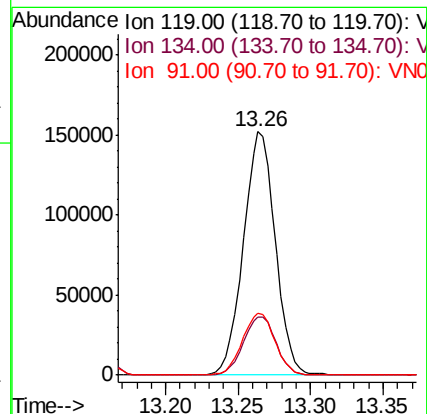
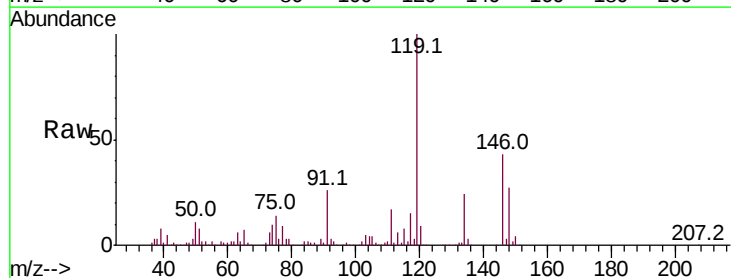
Tgt Ion:119 Resp: 232254

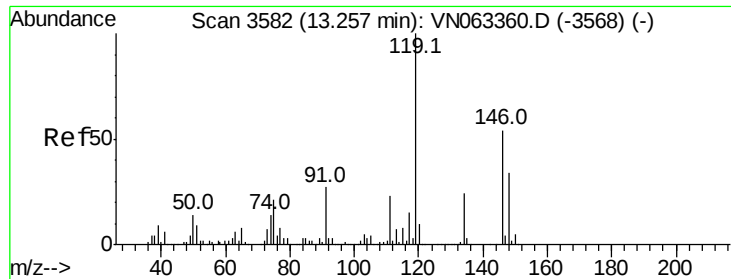
Ion Ratio Lower Upper

119 100

134 24.5 12.5 37.5

91 26.1 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 19.285 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

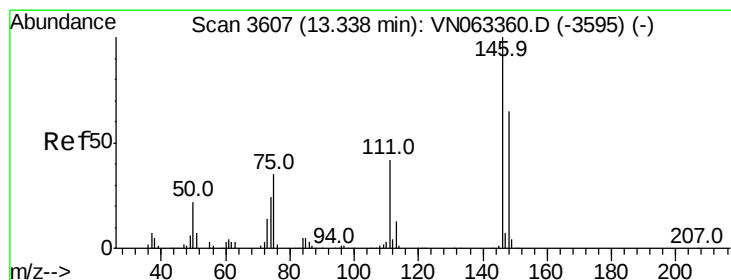
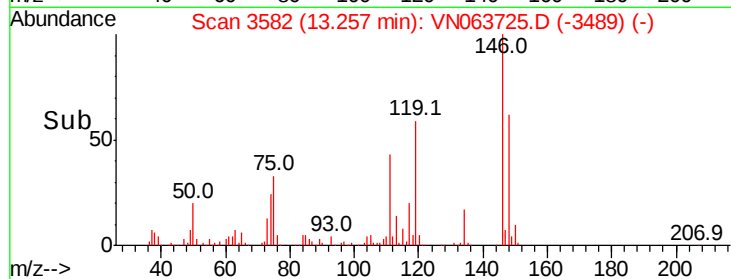
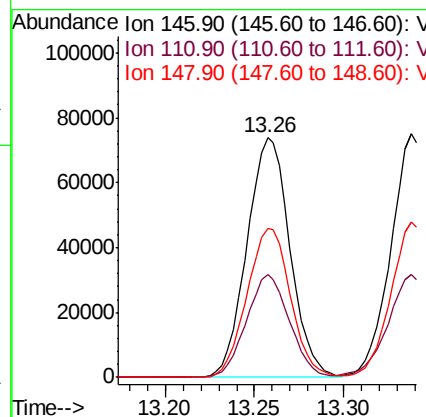
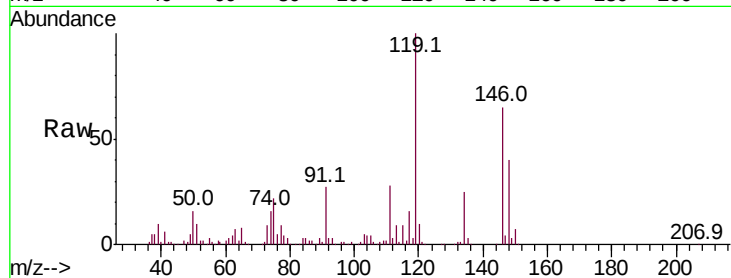
Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :
MSVOA_N
ClientSampleId :
VN0929WBS01

Tot Ion:146 Resp: 124340

Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.4	64.3
148	62.9	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 18.857 ug/l

RT: 13.34 min Scan# 3607

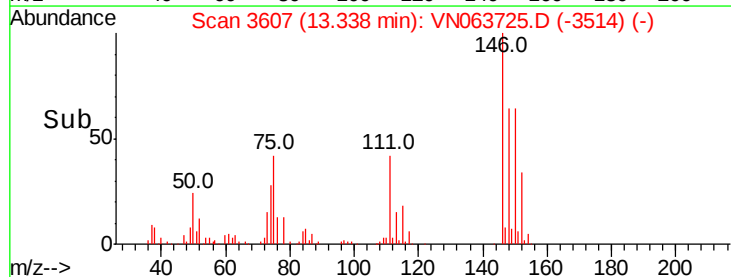
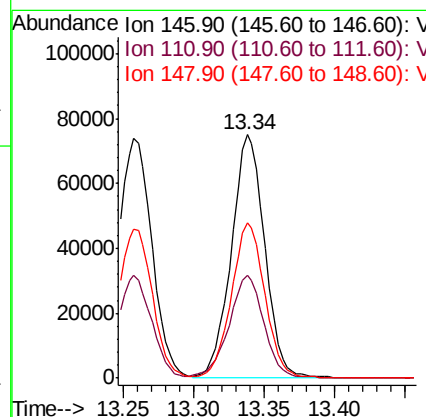
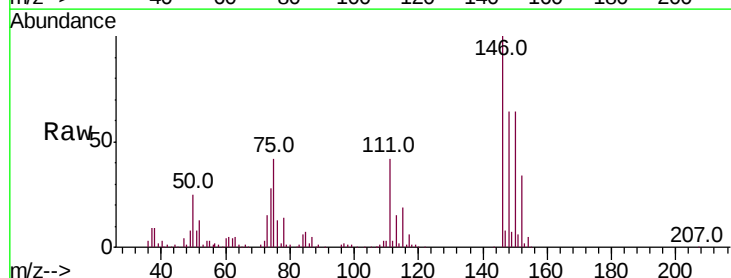
Delta R.T. -0.00 min

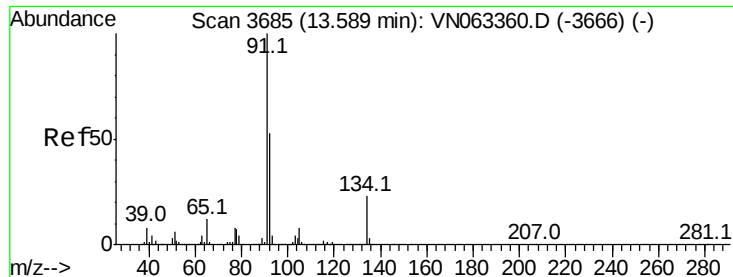
Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Tgt Ion:146 Resp: 123612

Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.2	63.6
148	63.8	31.9	95.9





#89

n-Butylbenzene

Concen: 17.223 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

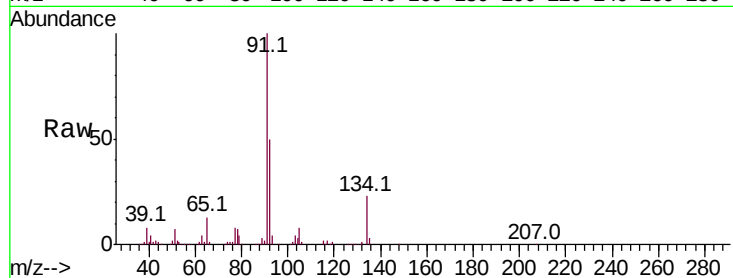
Tot Ion: 91 Resp: 199473

Ion Ratio Lower Upper

91 100

92 51.2 26.0 78.0

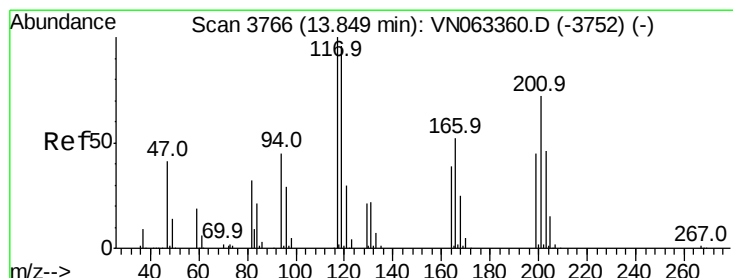
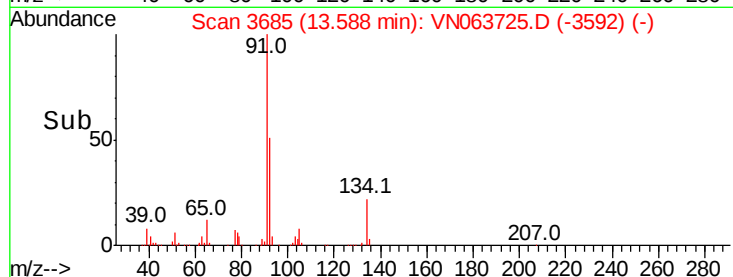
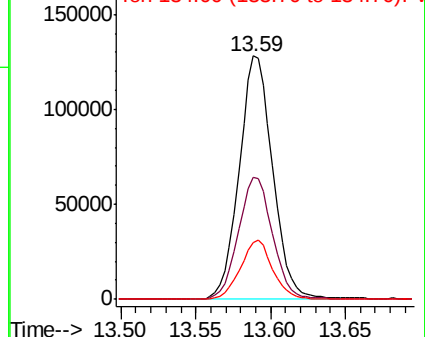
134 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3666) (-)

Ion 92.00 (91.70 to 92.70): VN063360.D (-3666) (-)

Ion 134.00 (133.70 to 134.70): VN063360.D (-3666) (-)



#90

Hexachloroethane

Concen: 17.397 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063725.D

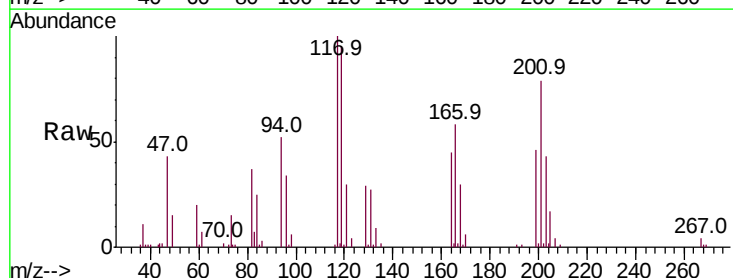
Acq: 29 Sep 2020 14:11

Tgt Ion: 117 Resp: 41624

Ion Ratio Lower Upper

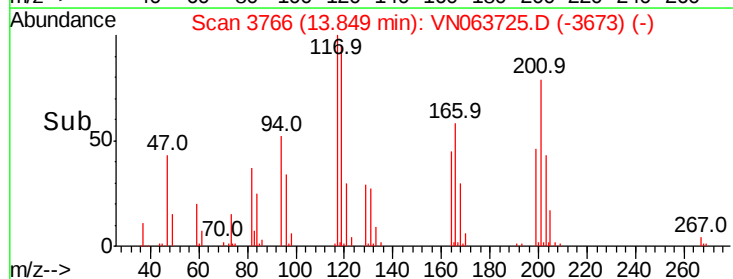
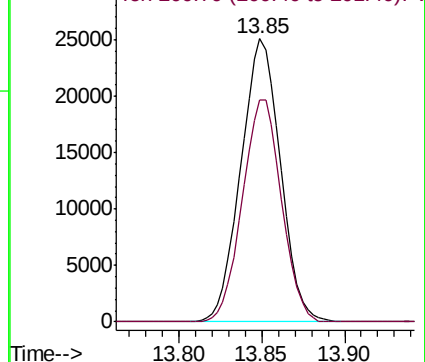
117 100

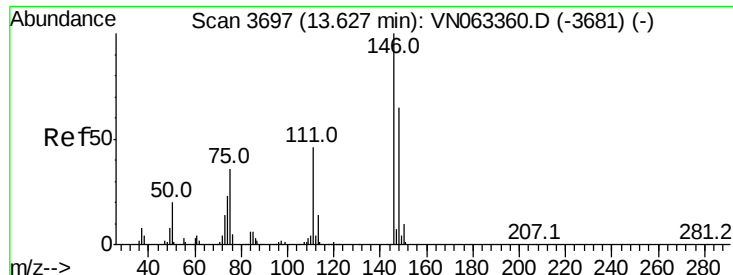
201 77.5 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063360.D (-3752) (-)

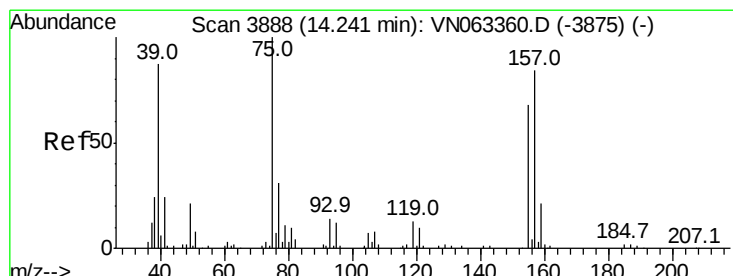
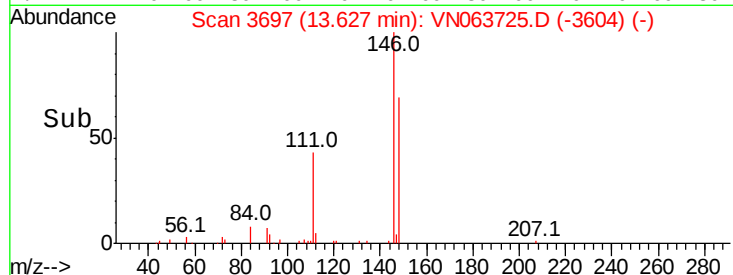
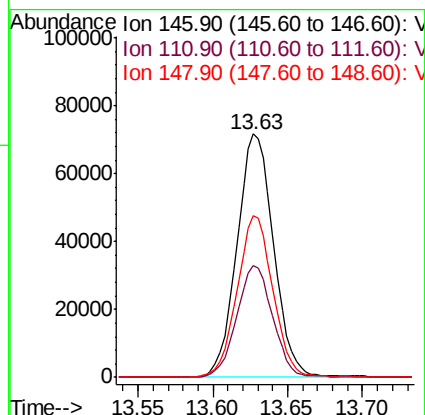
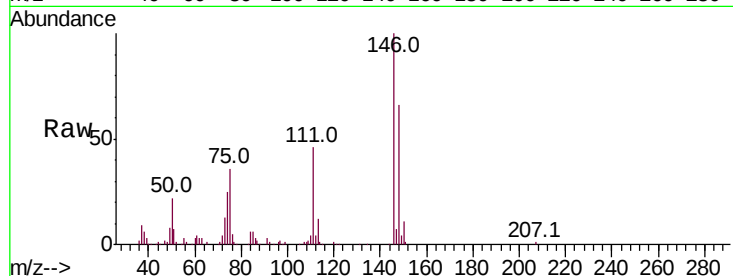




#91
 1,2-Dichlorobenzene
 Concen: 19.282 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

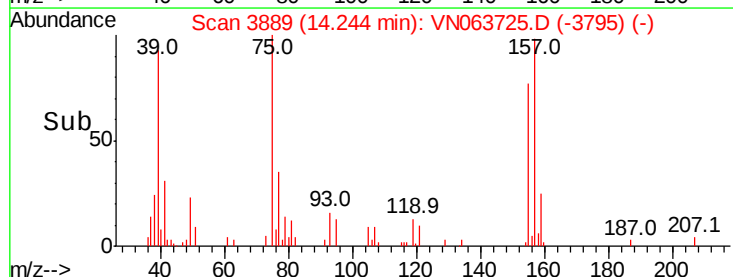
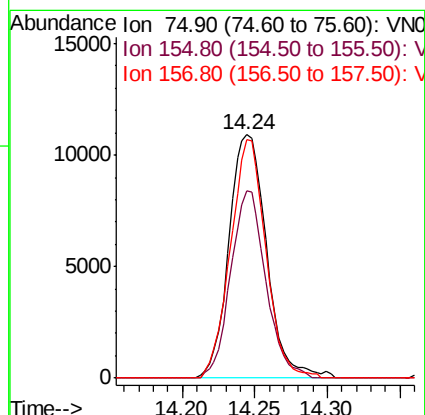
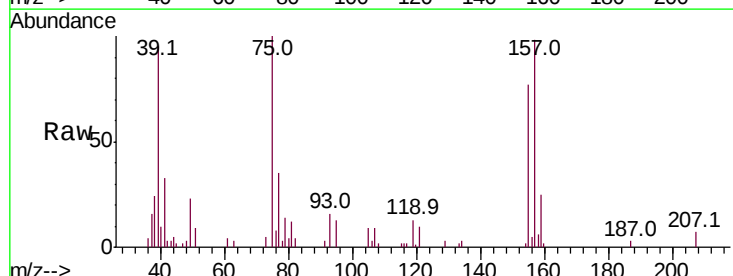
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0929WBS01

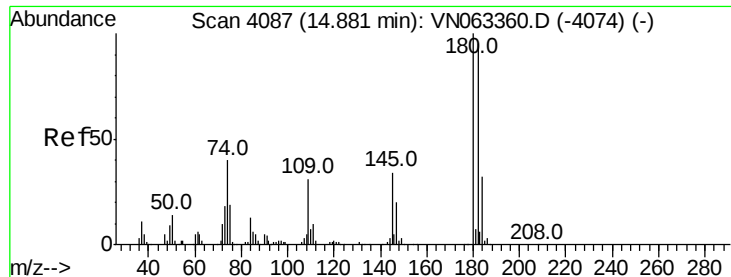
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.4	67.2
148	64.9	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.254 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063725.D
 Acq: 29 Sep 2020 14:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.8	34.6	103.9
157	92.0	43.7	131.1





#93

1,2,4-Trichlorobenzene

Concen: 17.205 ug/l

RT: 14.88 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

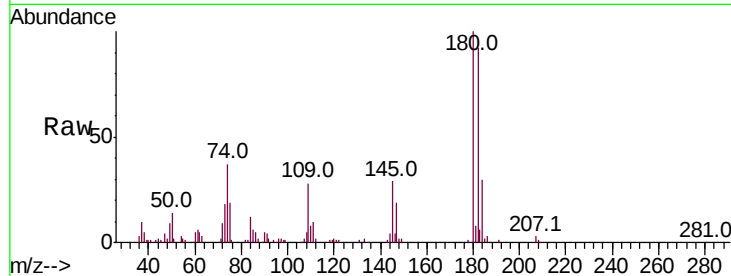
Tot Ion:180 Resp: 64205

Ion Ratio Lower Upper

180 100

182 96.0 47.3 142.0

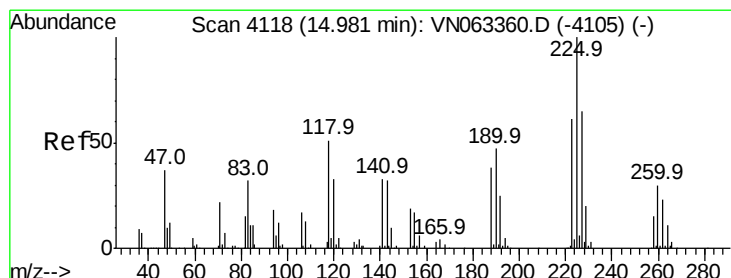
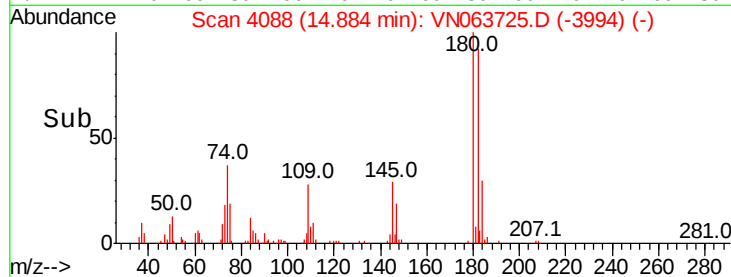
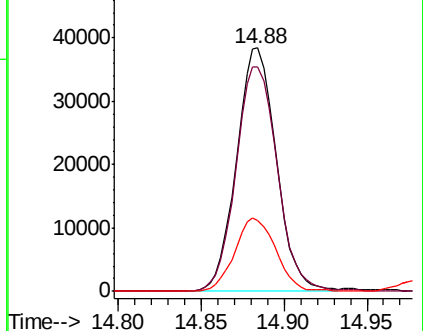
145 31.0 16.6 49.7



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: 21.892 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

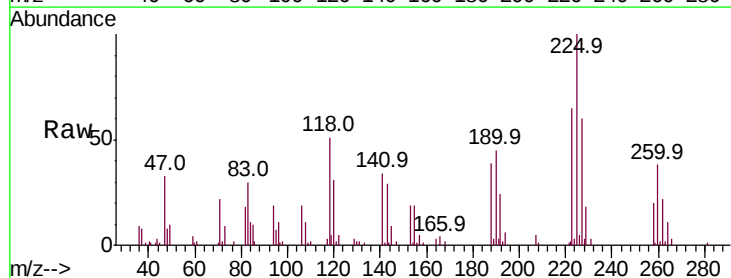
Tgt Ion:225 Resp: 33821

Ion Ratio Lower Upper

225 100

223 63.6 30.6 91.6

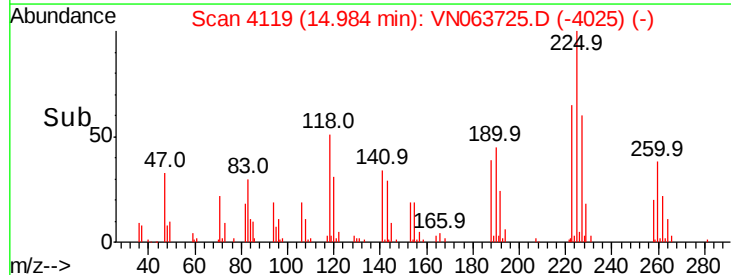
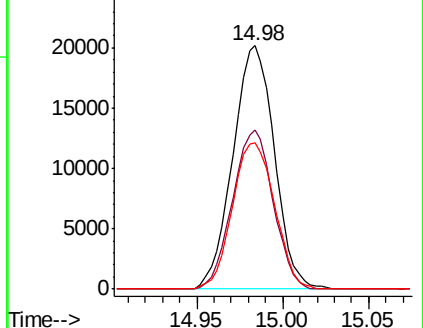
227 61.0 31.2 93.6

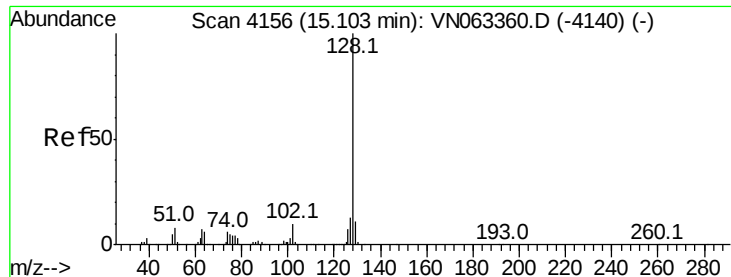


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.373 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

Instrument :

MSVOA_N

ClientSampleId :

VN0929WBS01

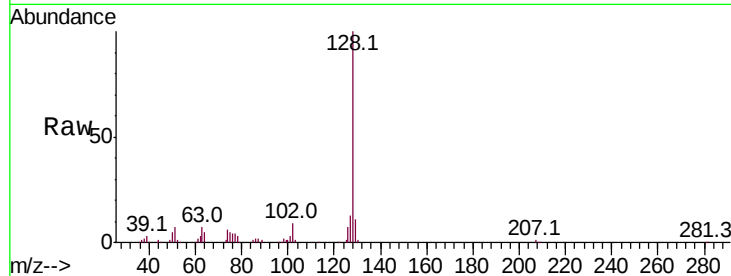
Tot Ion:128 Resp: 201854

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.7 8.8 13.2

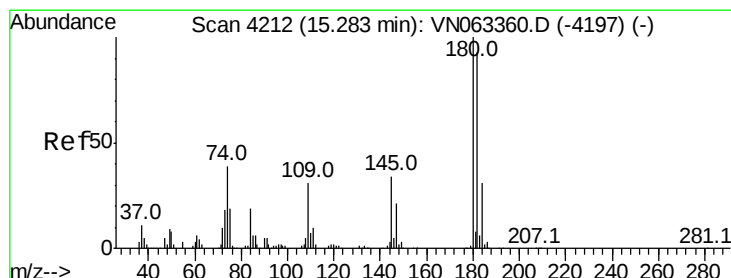
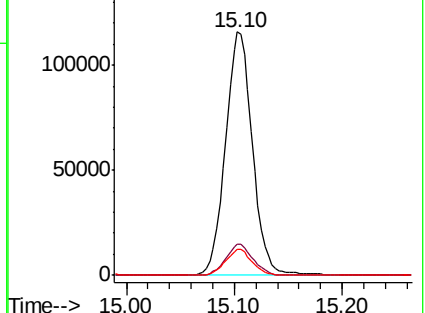
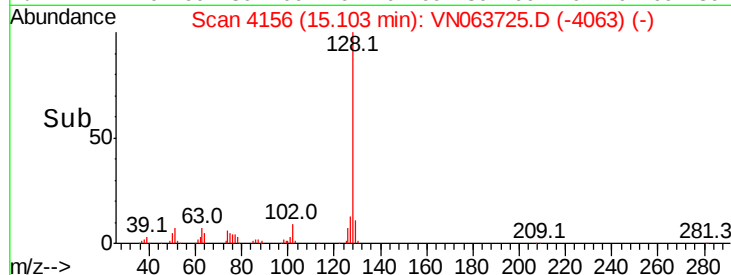


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.419 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063725.D

Acq: 29 Sep 2020 14:11

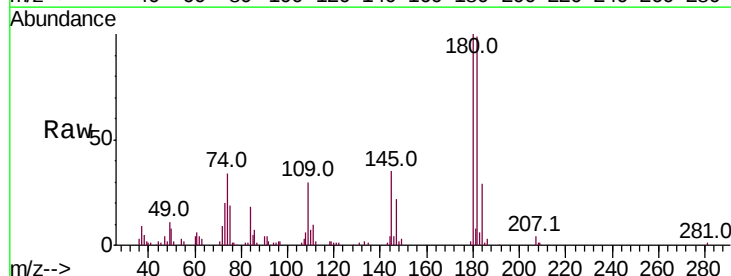
Tgt Ion:180 Resp: 62806

Ion Ratio Lower Upper

180 100

182 93.7 46.7 140.1

145 34.7 16.8 50.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

