

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063366.D
 Acq On : 16 Sep 2020 15:55
 Operator : JC/MD
 Sample : VN0916WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD01

Quant Time: Sep 17 04:05:41 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	7.62	168	257634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	442885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192446	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	226535	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	7.55	113	157088	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	10.06	98	596619	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.38	95	224509	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	58709	20.114	ug/l	100
3) Chloromethane	2.03	50	74564	19.311	ug/l	97
4) Vinyl Chloride	2.16	62	69698	20.374	ug/l	99
5) Bromomethane	2.54	94	42783	21.063	ug/l	96
6) Chloroethane	2.68	64	41154	19.598	ug/l	97
7) Trichlorofluoromethane	2.99	101	103622	20.302	ug/l	98
8) Diethyl Ether	3.38	74	40327	20.268	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	58274	20.302	ug/l	97
10) Methyl Iodide	3.91	142	72404	19.374	ug/l	99
11) Tert butyl alcohol	4.72	59	55055	90.616	ug/l #	81
12) 1,1-Dichloroethene	3.70	96	56328	19.374	ug/l	99
13) Acrolein	3.57	56	31536	140.064	ug/l	100
14) Allyl chloride	4.28	41	115415	20.069	ug/l	99
15) Acrylonitrile	4.93	53	151133	97.793	ug/l	99
16) Acetone	3.77	43	130330	92.468	ug/l	100
17) Carbon Disulfide	4.01	76	167216	19.773	ug/l	100
18) Methyl Acetate	4.28	43	70200	19.619	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	213390	19.693	ug/l	98
20) Methylene Chloride	4.51	84	71006	19.884	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	63335	19.662	ug/l	99
22) Diisopropyl ether	5.90	45	241266	20.571	ug/l	94
23) Vinyl Acetate	5.84	43	986445	102.409	ug/l	100
24) 1,1-Dichloroethane	5.80	63	127354	19.889	ug/l	99
25) 2-Butanone	6.78	43	204049	94.131	ug/l	97
26) 2,2-Dichloropropane	6.77	77	58603	10.395	ug/l #	60
27) cis-1,2-Dichloroethene	6.78	96	73468	20.151	ug/l	99
28) Bromochloromethane	7.15	49	54688	18.497	ug/l	100
29) Tetrahydrofuran	7.16	42	144259	97.439	ug/l	98
30) Chloroform	7.33	83	126955	19.761	ug/l	99
31) Cyclohexane	7.61	56	118174	19.510	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	111118	19.446	ug/l	100
36) 1,1-Dichloropropene	7.75	75	97400	20.643	ug/l	98
37) Ethyl Acetate	6.88	43	91837	19.832	ug/l	98
38) Carbon Tetrachloride	7.73	117	95896	19.910	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063366.D
 Acq On : 16 Sep 2020 15:55
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 Sample : VN0916WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 VN0916WBSD01

Quant Time: Sep 17 04:05:41 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)
39) Methylcyclohexane	9.05	83	103364	20.185	ug/l	99
40) Benzene	8.00	78	276698	20.543	ug/l	97
41) Methacrylonitrile	7.16	41	136481	65.529	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	114083	21.062	ug/l	99
43) Isopropyl Acetate	8.13	43	160374	19.368	ug/l #	88
44) Trichloroethene	8.80	130	67157	20.557	ug/l	97
45) 1,2-Dichloropropane	9.08	63	77977	21.256	ug/l	96
46) Dibromomethane	9.17	93	48891	20.278	ug/l	96
47) Bromodichloromethane	9.37	83	106463	21.255	ug/l	97
48) Methyl methacrylate	9.16	41	76516	18.808	ug/l	94
49) 1,4-Dioxane	9.16	88	21320	365.186	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	462015	99.666	ug/l	100
52) Toluene	10.13	92	171383	21.163	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	117096	20.940	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	122297	20.734	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	65922	20.494	ug/l	96
56) Ethyl methacrylate	10.40	69	104283	20.767	ug/l	96
57) 1,3-Dichloropropane	10.68	76	120045	20.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	250665	95.159	ug/l	100
59) 2-Hexanone	10.72	43	330579	98.434	ug/l	99
60) Dibromochloromethane	10.87	129	75184	20.690	ug/l	98
61) 1,2-Dibromoethane	10.98	107	70631	21.136	ug/l	99
64) Tetrachloroethene	10.60	164	57573	20.839	ug/l	99
65) Chlorobenzene	11.41	112	179577	20.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	64456	20.416	ug/l	97
67) Ethyl Benzene	11.48	91	336626	20.755	ug/l	99
68) m/p-Xylenes	11.59	106	246928	42.225	ug/l	97
69) o-Xylene	11.92	106	117856	21.156	ug/l	98
70) Styrene	11.94	104	199520	21.357	ug/l	99
71) Bromoform	12.10	173	48526	20.632	ug/l #	98
73) Isopropylbenzene	12.22	105	317245	20.572	ug/l	99
74) N-amyl acetate	12.05	43	144377	19.777	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	95168	19.931	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	130338	27.363	ug/l #	100
77) Bromobenzene	12.50	156	73184	21.097	ug/l	97
78) n-propylbenzene	12.57	91	377466	21.015	ug/l	98
79) 2-Chlorotoluene	12.65	91	229344	21.300	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	271080	21.080	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	31895	18.358	ug/l	96
82) 4-Chlorotoluene	12.75	91	230376	20.250	ug/l	99
83) tert-Butylbenzene	12.97	119	217948	20.535	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	267602	20.602	ug/l	99
85) sec-Butylbenzene	13.14	105	290495	20.447	ug/l	99
86) p-Isopropyltoluene	13.26	119	256804	20.494	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	133060	20.695	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	134532	20.580	ug/l	98
89) n-Butylbenzene	13.59	91	238736	20.670	ug/l	100
90) Hexachloroethane	13.85	117	47621	19.958	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	130542	20.680	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21017	18.484	ug/l	99

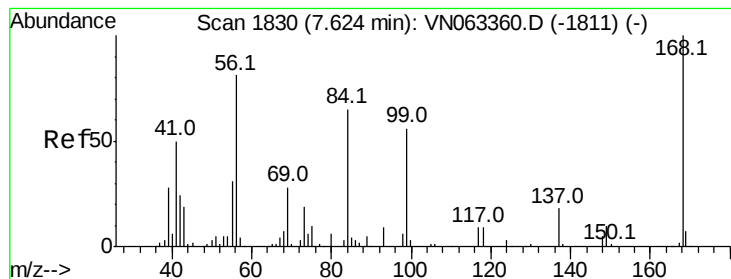
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
Data File : VN063366.D
Acq On : 16 Sep 2020 15:55
Operator : JC/MD
Sample : VN0916WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Quant Time: Sep 17 04:05:41 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)
93) 1,2,4-Trichlorobenzene	14.88	180	73175	19.663	ug/l	100
94) Hexachlorobutadiene	14.98	225	30992	20.116	ug/l	99
95) Naphthalene	15.10	128	238670	19.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	70935	19.728	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

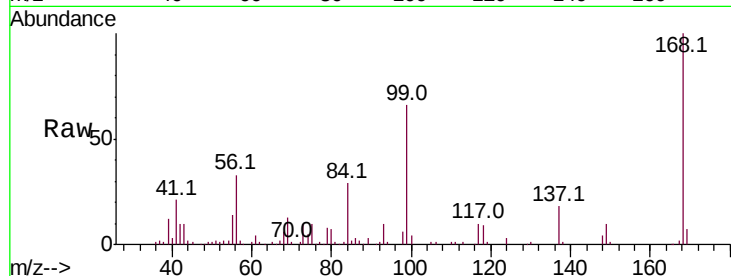
VN0916WBSD01

Tot Ion:168 Resp: 257634

Ion Ratio Lower Upper

168 100

99 65.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

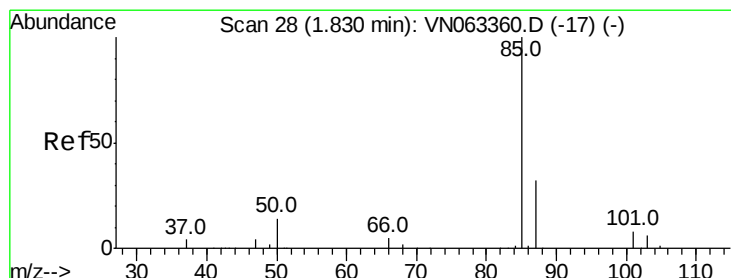
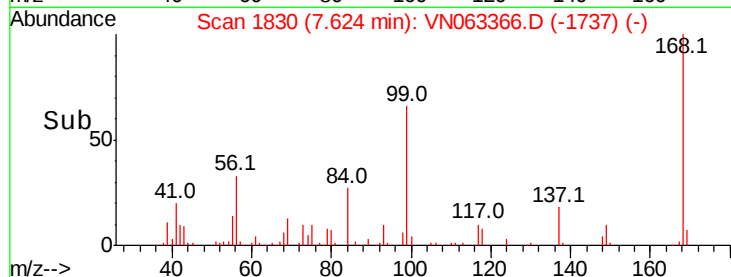
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 20.114 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063366.D

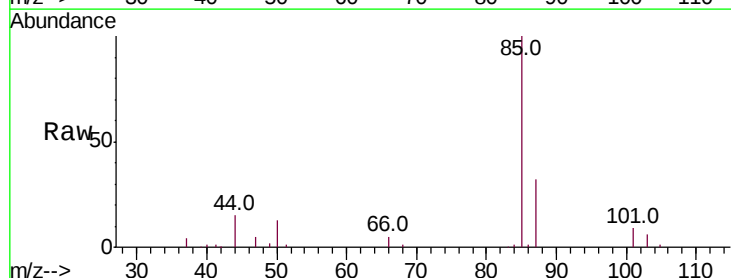
Acq: 16 Sep 2020 15:55

Tgt Ion: 85 Resp: 58709

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

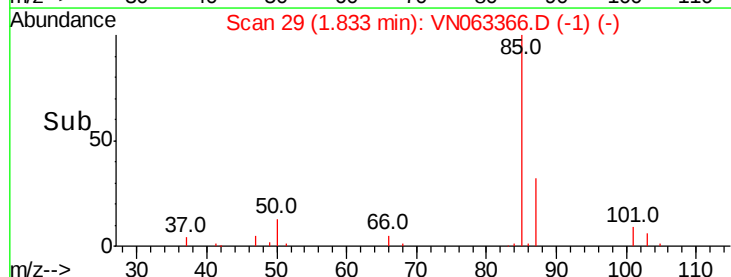
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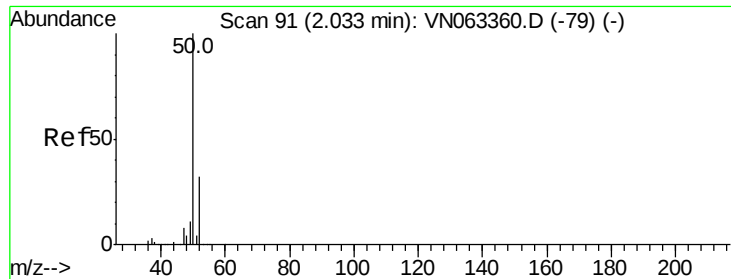
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 19.311 ug/l

RT: 2.03 min Scan# 91

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

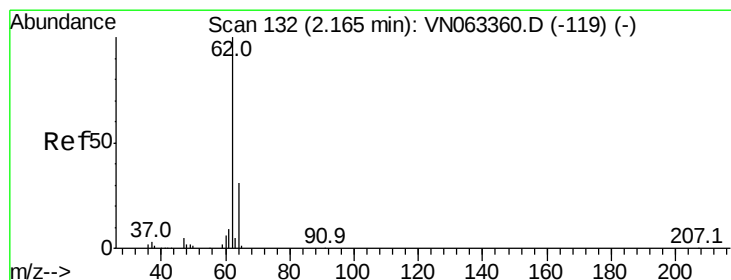
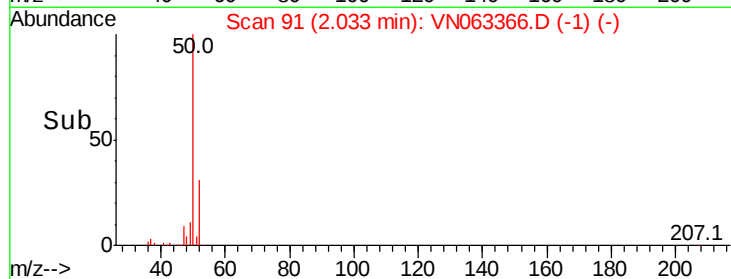
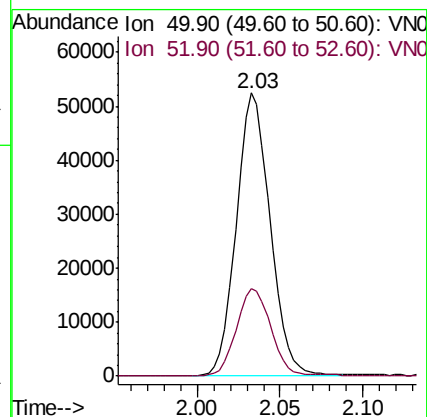
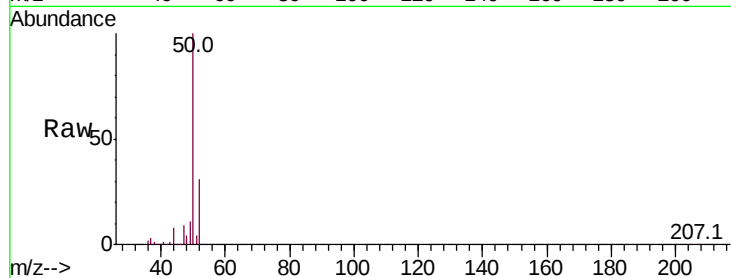
VN0916WBSD01

Tot Ion: 50 Resp: 74564

Ion Ratio Lower Upper

50 100

52 30.8 25.9 38.9



#4

Vinyl Chloride

Concen: 20.374 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063366.D

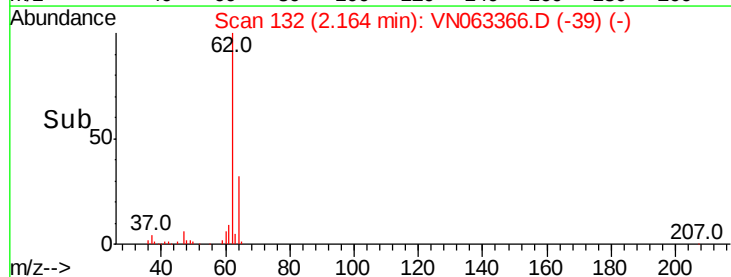
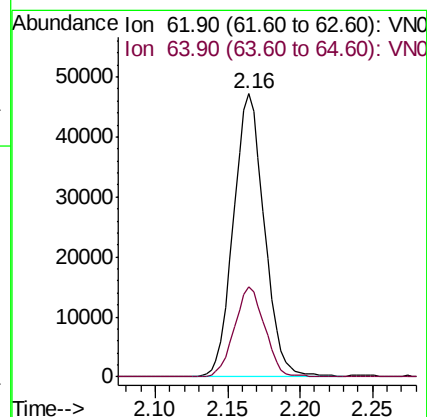
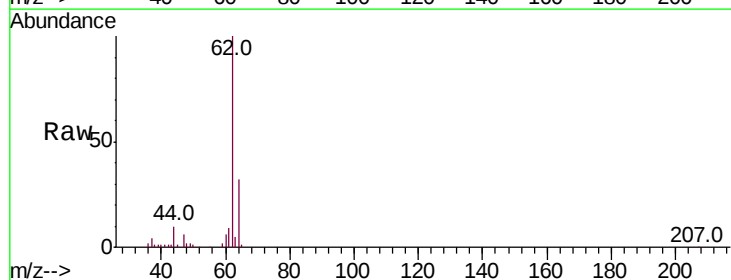
Acq: 16 Sep 2020 15:55

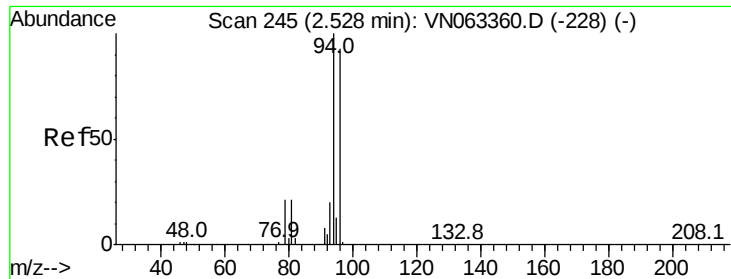
Tgt Ion: 62 Resp: 69698

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 21.063 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

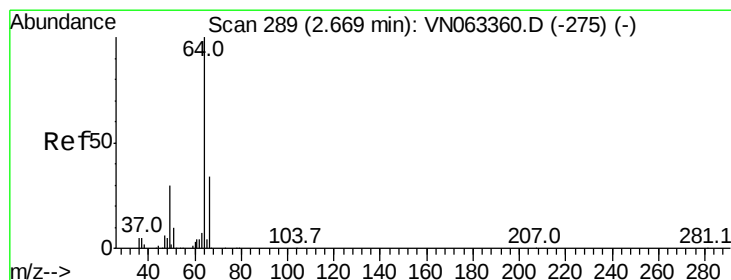
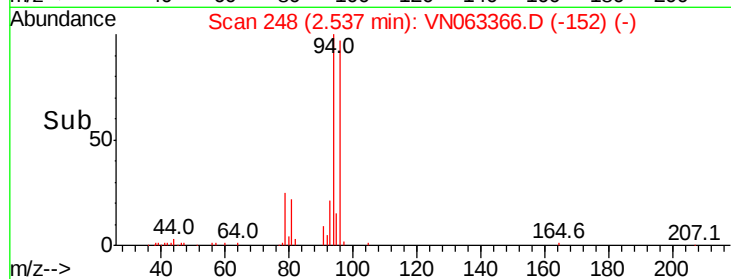
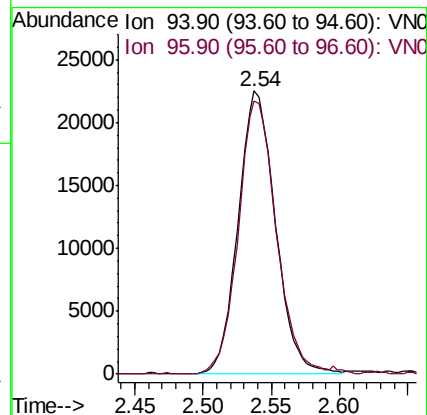
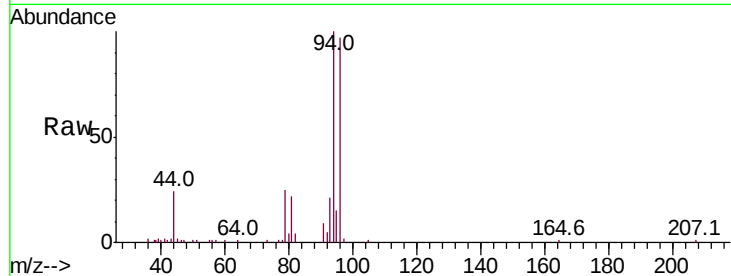
VN0916WBSD01

Tot Ion: 94 Resp: 42783

Ion Ratio Lower Upper

94 100

96 96.5 74.5 111.7



#6

Chloroethane

Concen: 19.598 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063366.D

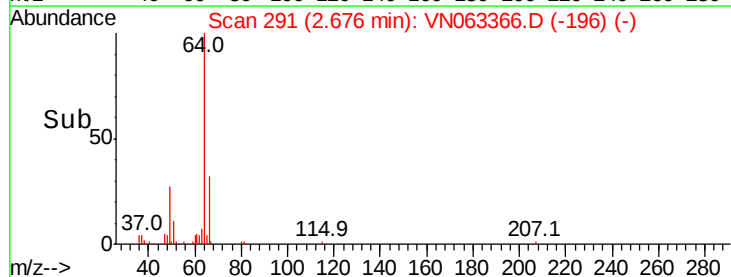
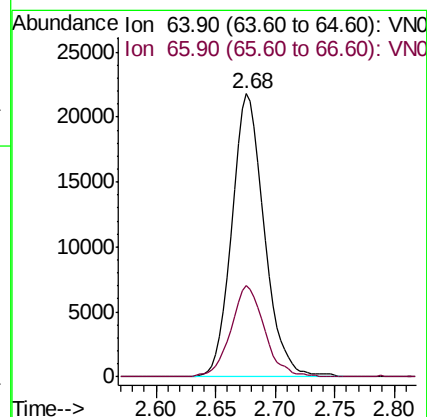
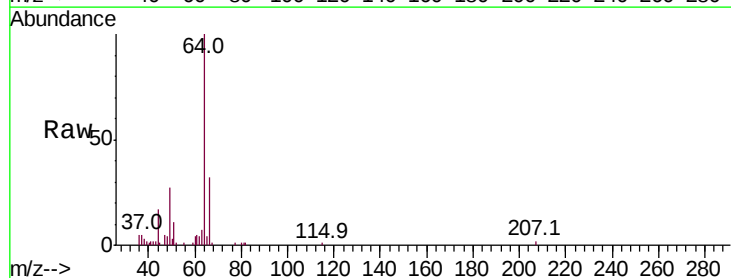
Acq: 16 Sep 2020 15:55

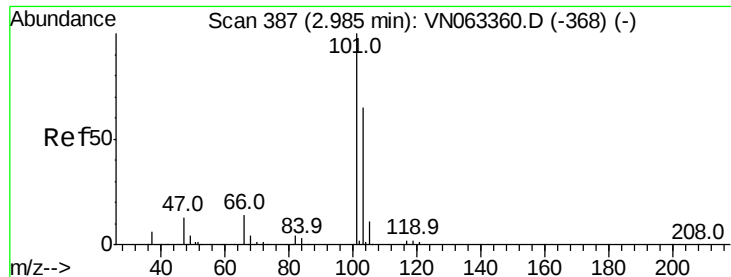
Tgt Ion: 64 Resp: 41154

Ion Ratio Lower Upper

64 100

66 32.1 26.9 40.3



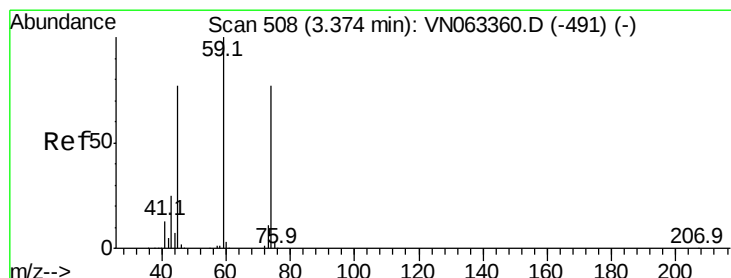
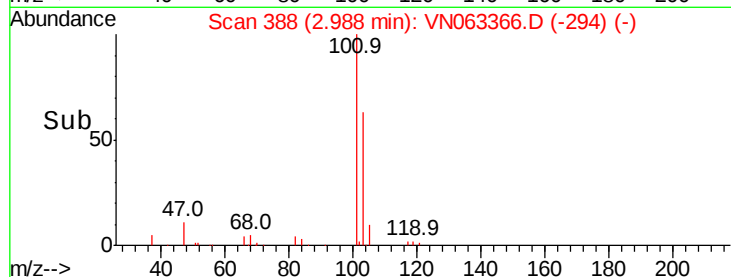
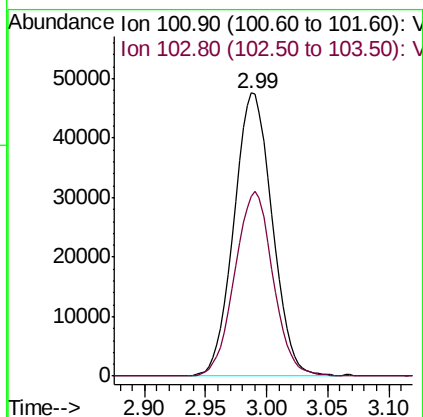
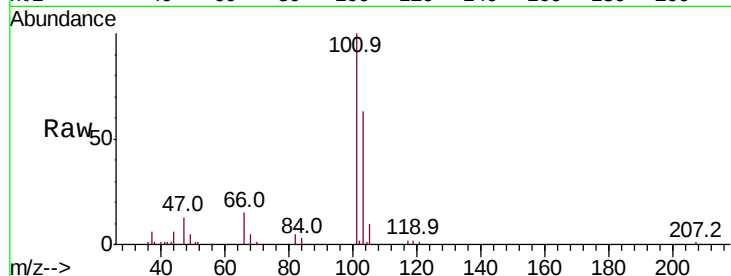


#7

Trichlorofluoromethane
 Concen: 20.302 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063366.D
 Acq: 16 Sep 2020 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD01

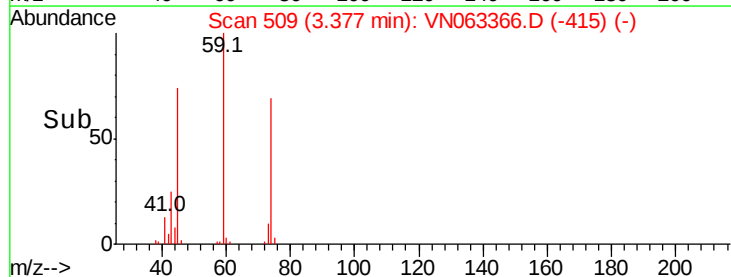
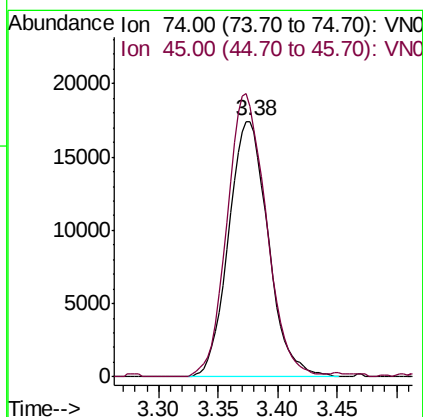
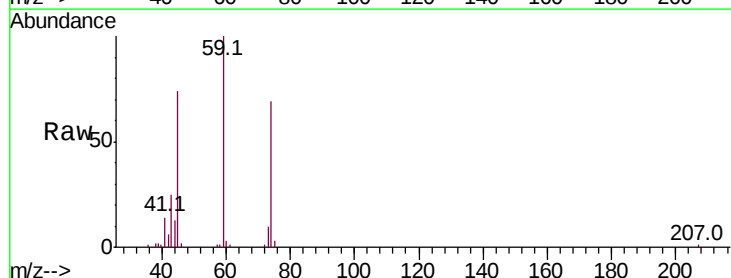
Tot Ion:101 Resp: 103622
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.3 78.5

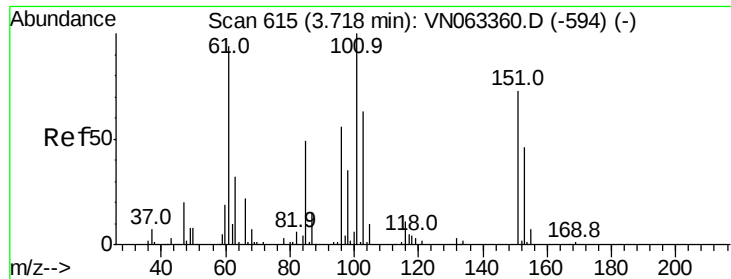


#8

Diethyl Ether
 Concen: 20.268 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063366.D
 Acq: 16 Sep 2020 15:55

Tgt Ion: 74 Resp: 40327
 Ion Ratio Lower Upper
 74 100
 45 109.7 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.302 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampled :

VN0916WBSD01

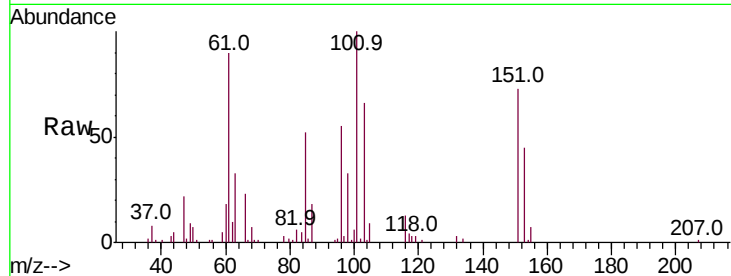
Tot Ion:101 Resp: 58274

Ion Ratio Lower Upper

101 100

85 48.9 37.7 56.5

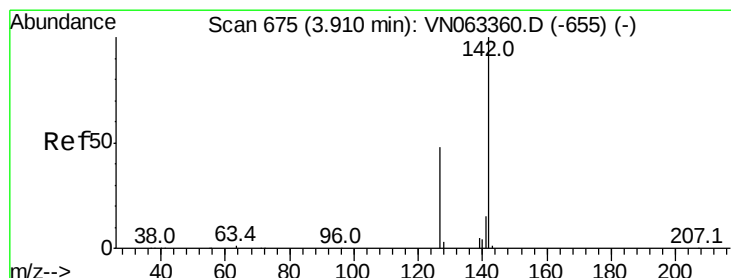
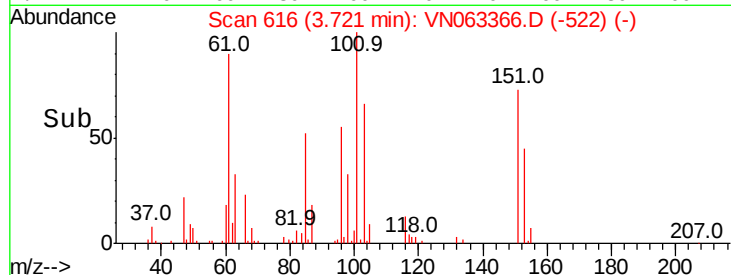
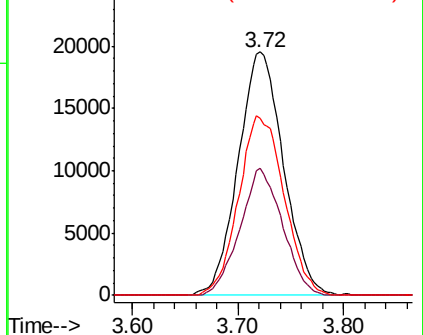
151 74.1 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.374 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

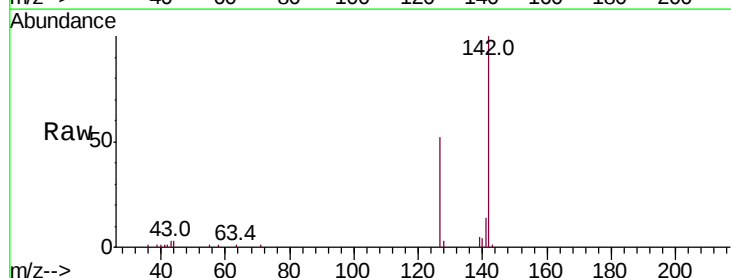
Tgt Ion:142 Resp: 72404

Ion Ratio Lower Upper

142 100

127 49.2 39.0 58.6

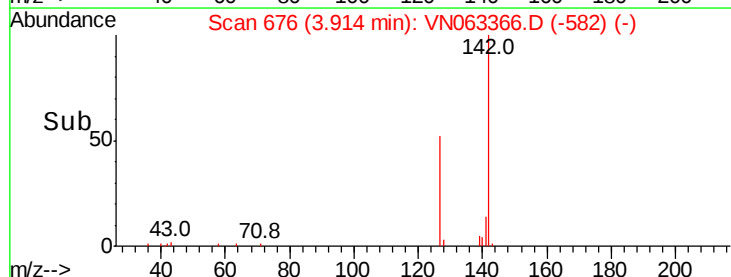
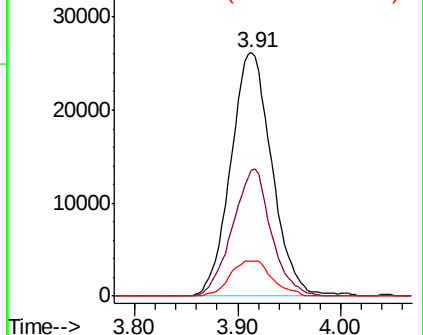
141 14.9 11.6 17.4

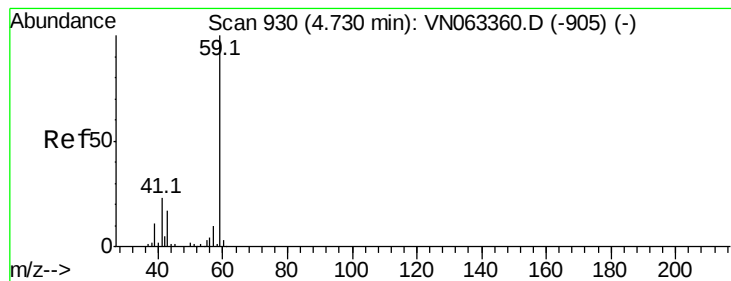


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 90.616 ug/l

RT: 4.72 min Scan# 928

Delta R.T. -0.01 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

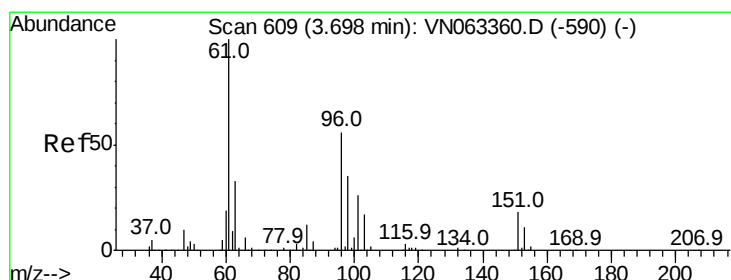
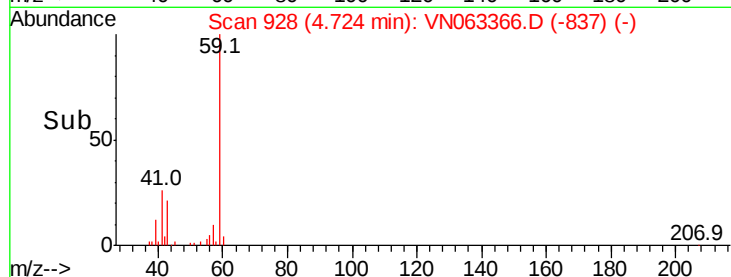
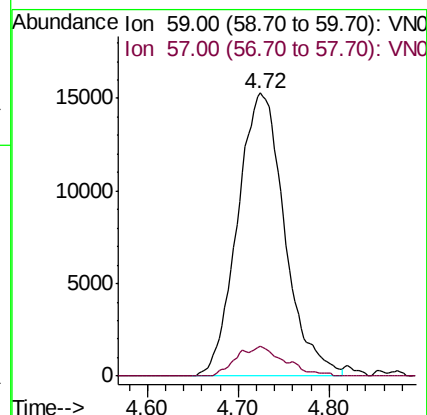
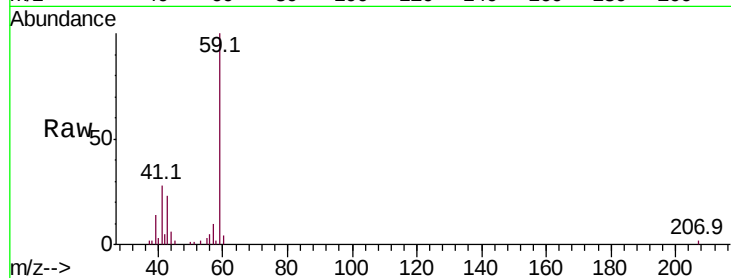
VN0916WBSD01

Tot Ion: 59 Resp: 55055

Ion Ratio Lower Upper

59 100

57 3.4 8.4 12.6#



#12

1,1-Dichloroethene

Concen: 19.374 ug/l

RT: 3.70 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

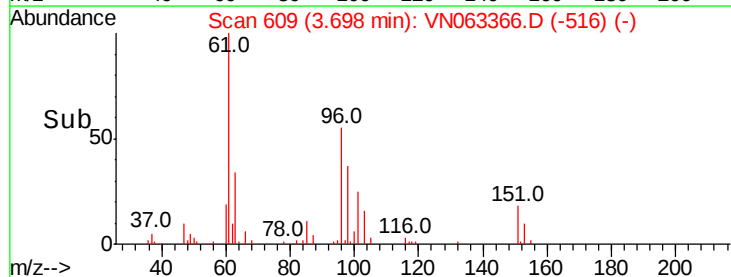
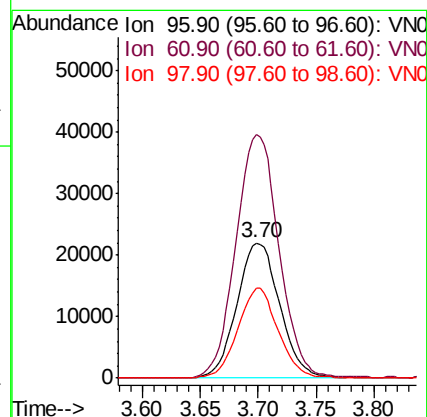
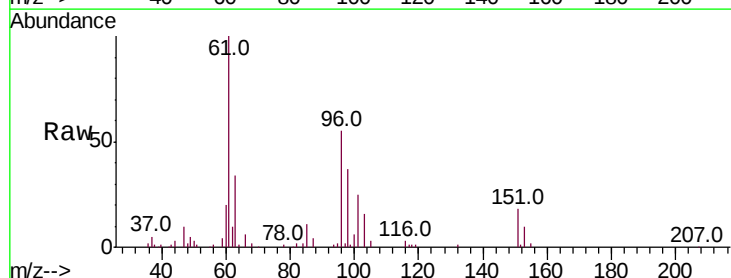
Tgt Ion: 96 Resp: 56328

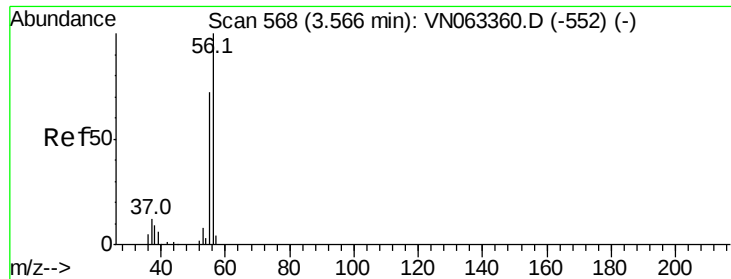
Ion Ratio Lower Upper

96 100

61 179.8 143.4 215.2

98 66.6 50.6 76.0





#13

Acrolein

Concen: 140.064 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

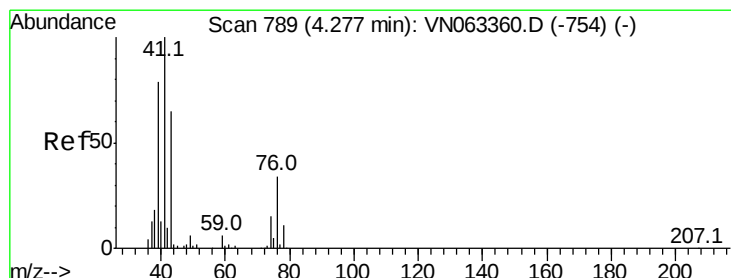
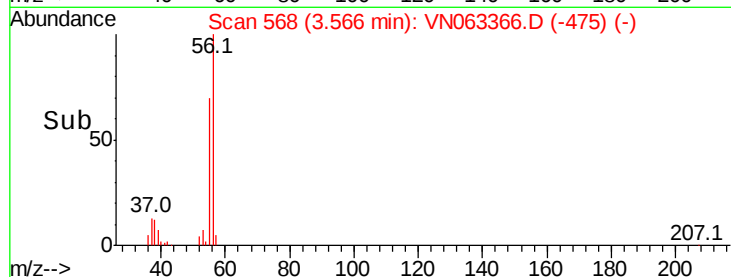
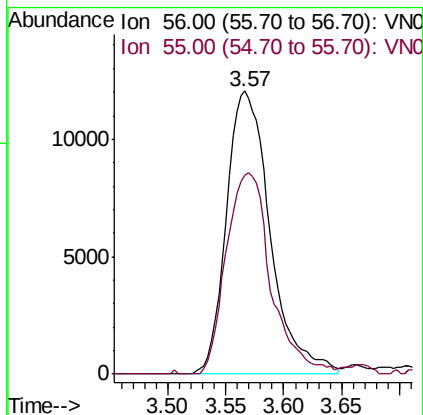
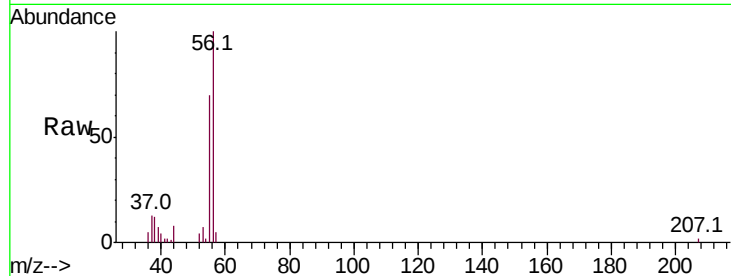
VN0916WBSD01

Tot Ion: 56 Resp: 31536

Ion Ratio Lower Upper

56 100

55 72.8 58.2 87.2



#14

Allyl chloride

Concen: 20.069 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

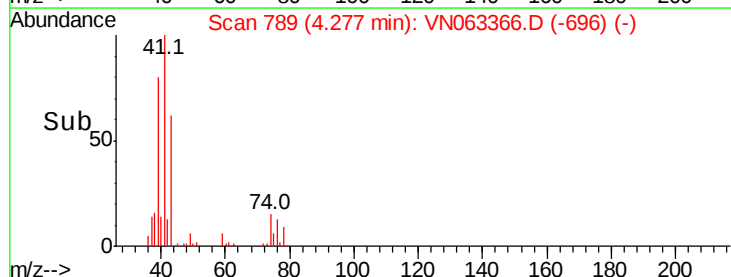
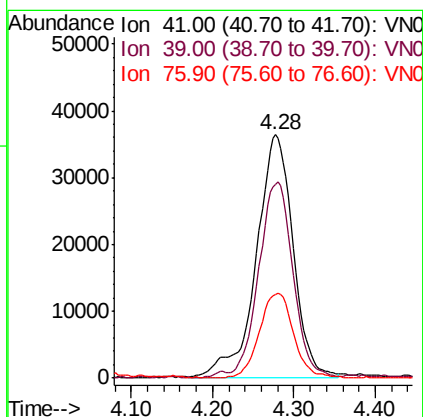
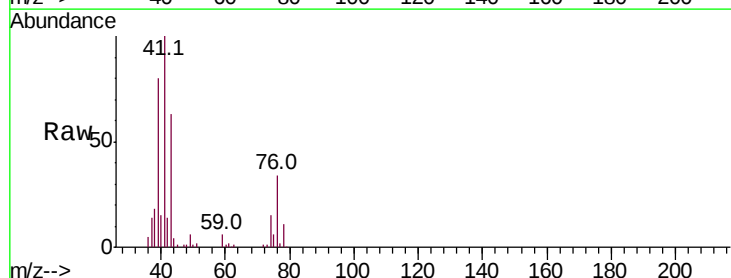
Tgt Ion: 41 Resp: 115415

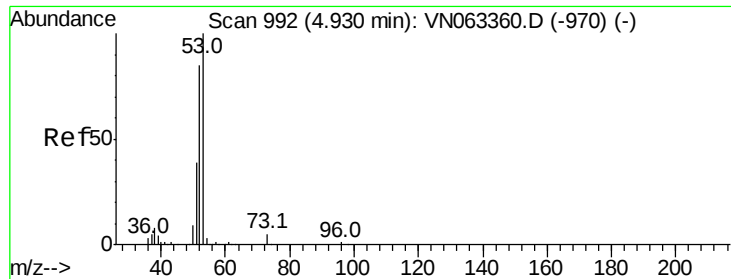
Ion Ratio Lower Upper

41 100

39 73.3 59.3 88.9

76 32.2 25.3 37.9





#15

Acrylonitrile

Concen: 97.793 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

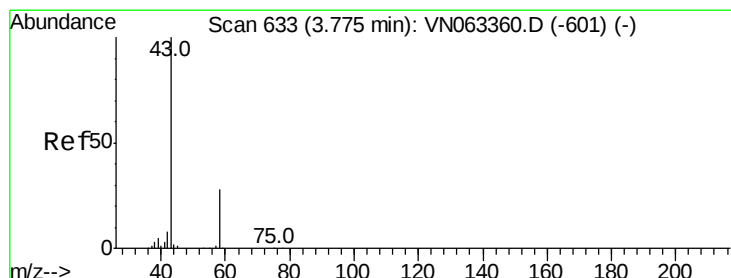
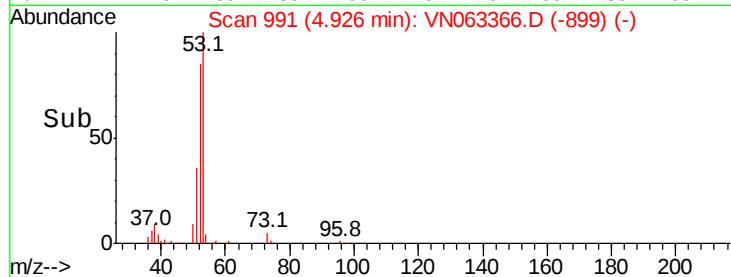
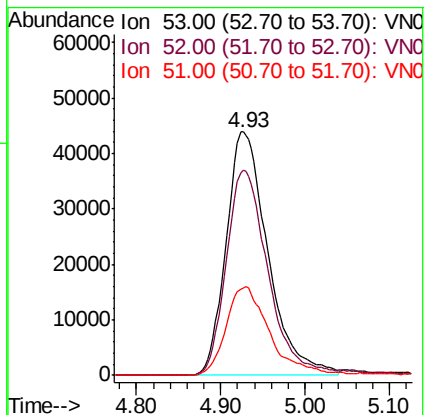
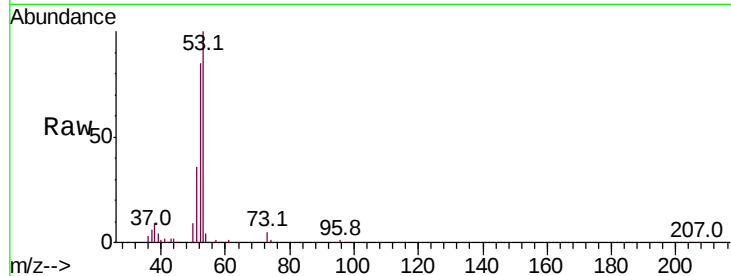
Tot Ion: 53 Resp: 151133

Ion Ratio Lower Upper

53 100

52 83.8 66.4 99.6

51 37.6 30.2 45.4



#16

Acetone

Concen: 92.468 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063366.D

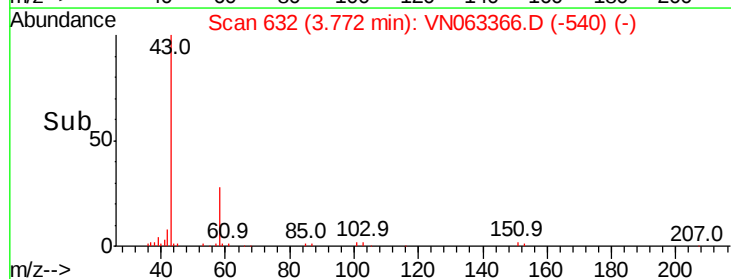
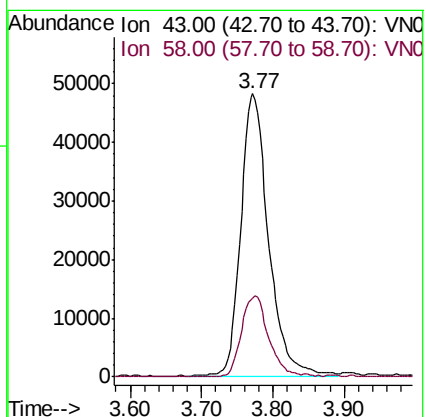
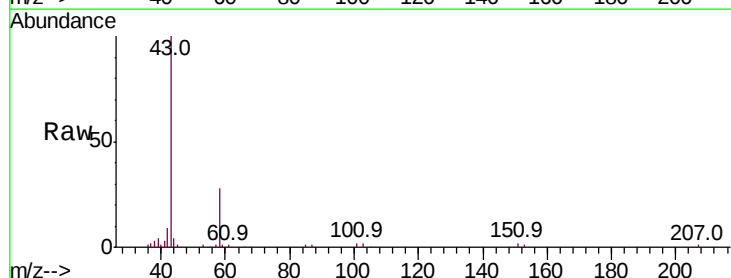
Acq: 16 Sep 2020 15:55

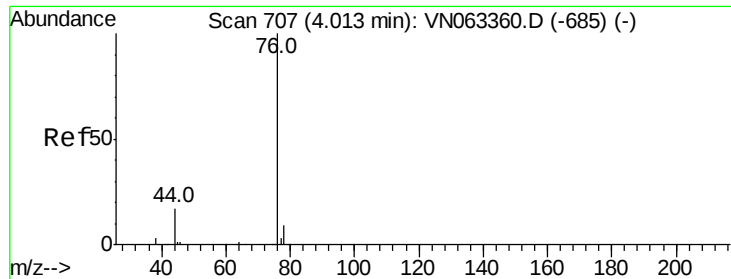
Tgt Ion: 43 Resp: 130330

Ion Ratio Lower Upper

43 100

58 27.9 22.3 33.5

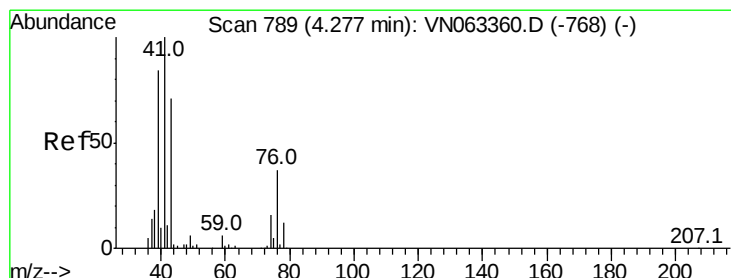
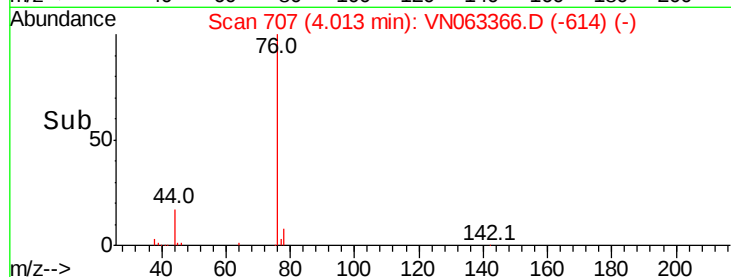
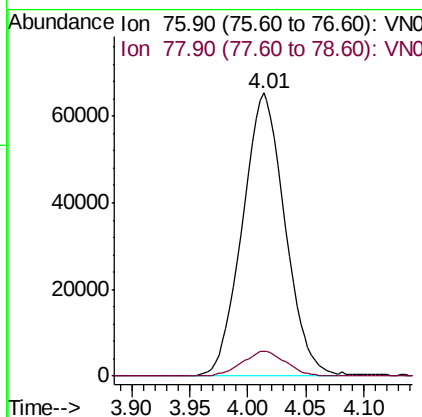
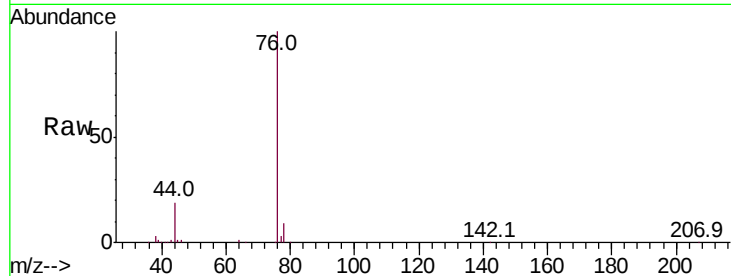




#17
Carbon Disulfide
Concen: 19.773 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

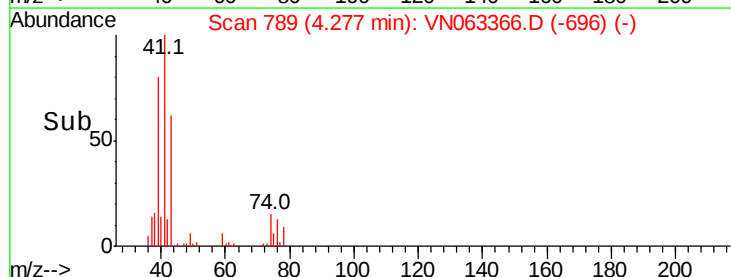
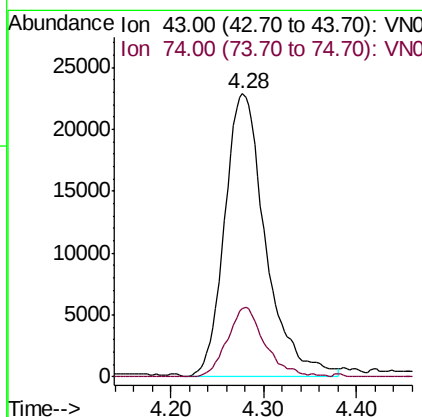
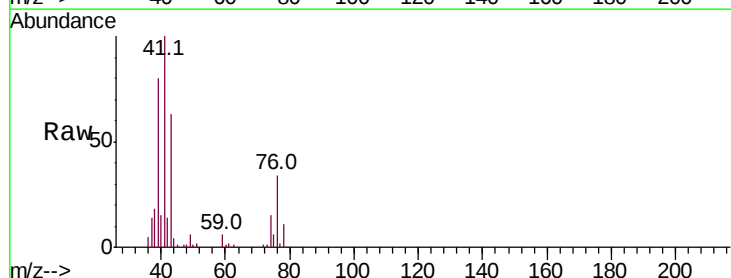
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

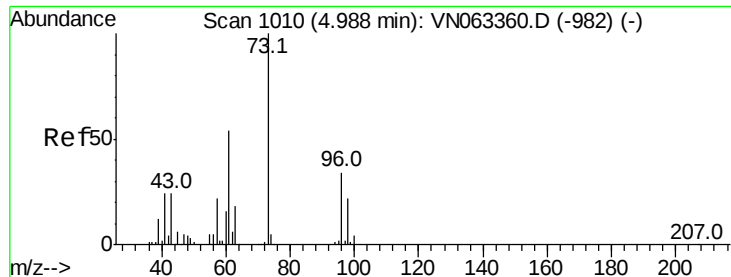
Tot Ion: 76 Resp: 167216
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 19.619 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Tgt Ion: 43 Resp: 70200
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2

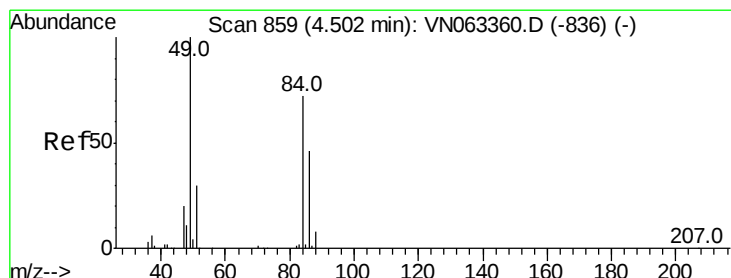
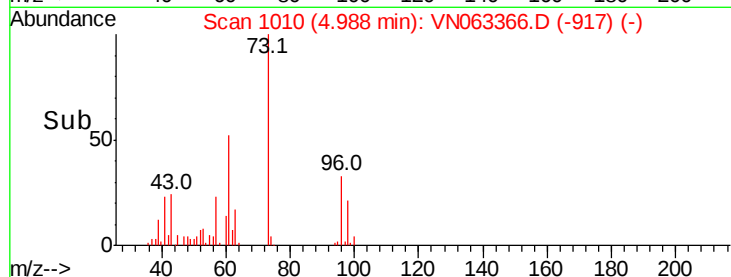
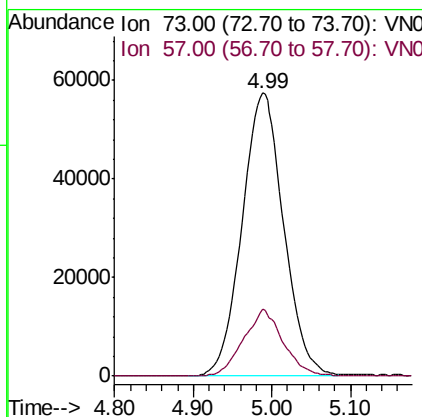
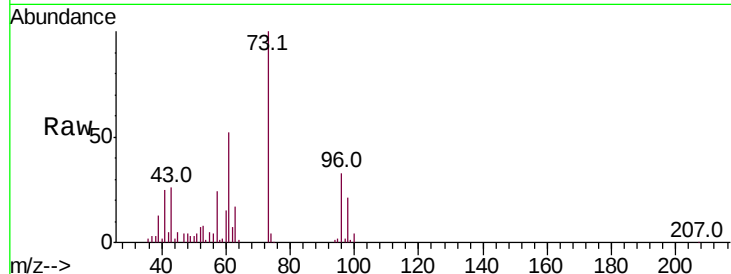




#19
Methvl tert-butvl Ether
Concen: 19.693 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

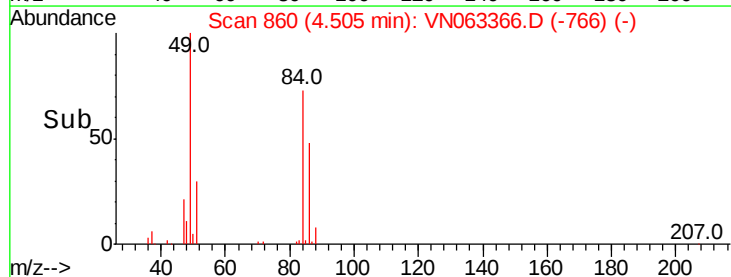
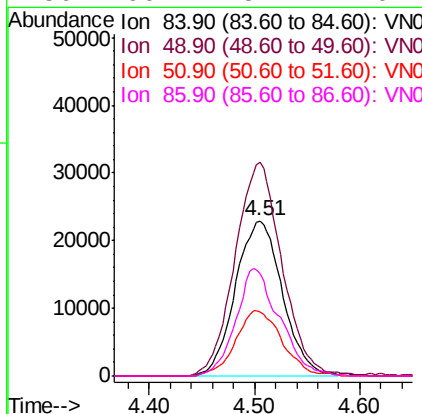
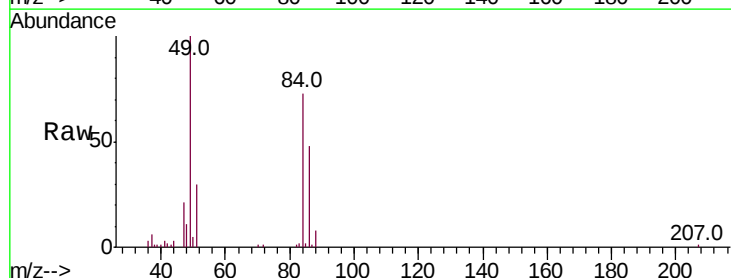
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

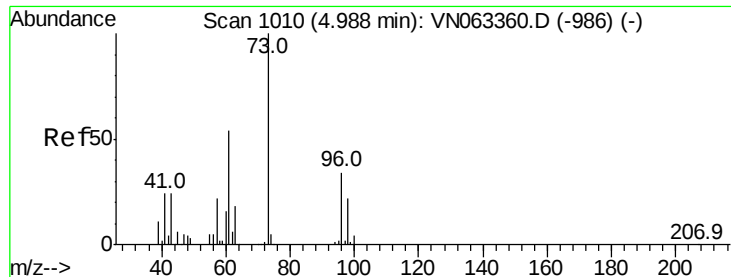
Tot Ion: 73 Resp: 213390
Ion Ratio Lower Upper
73 100
57 23.5 17.9 26.9



#20
Methylene Chloride
Concen: 19.884 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Tgt Ion: 84 Resp: 71006
Ion Ratio Lower Upper
84 100
49 137.3 110.7 166.1
51 41.5 32.9 49.3
86 66.2 51.1 76.7

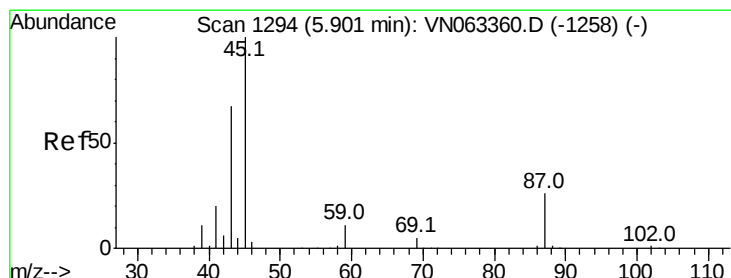
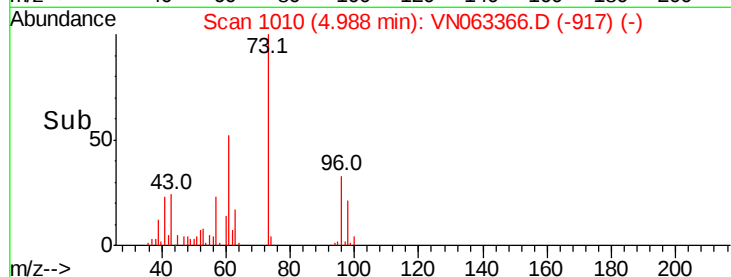
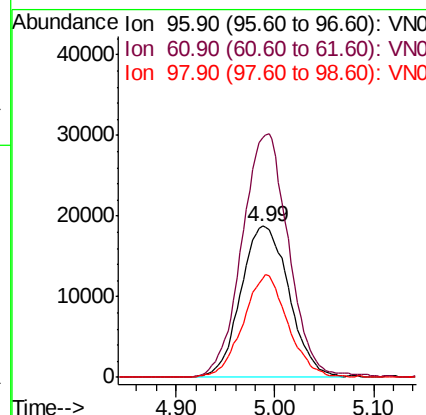
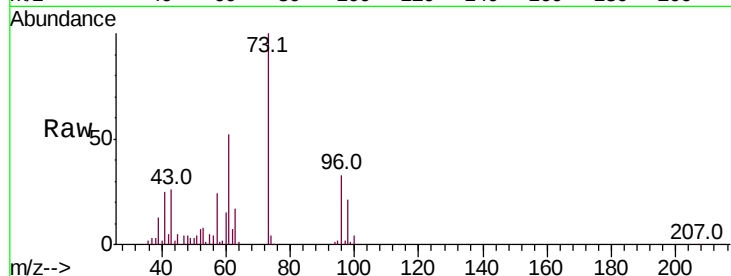




#21
trans-1,2-Dichloroethene
Concen: 19.662 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

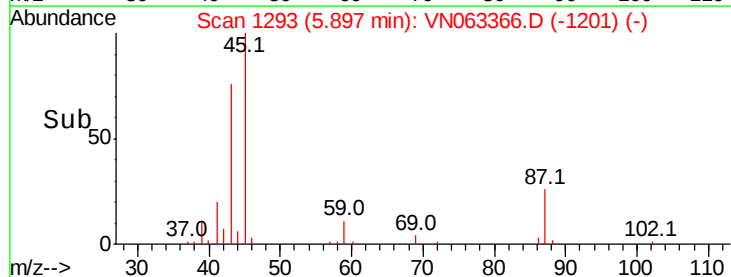
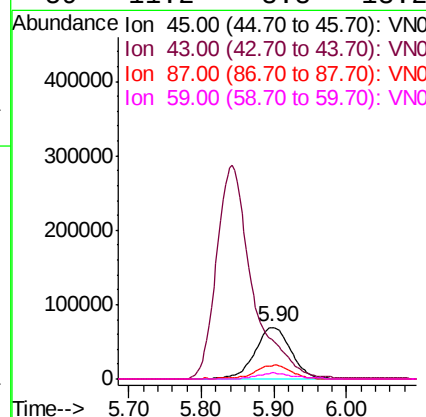
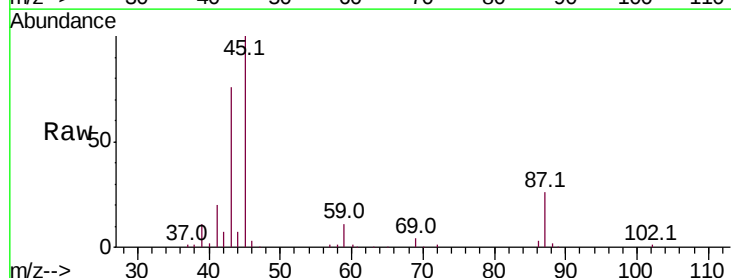
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

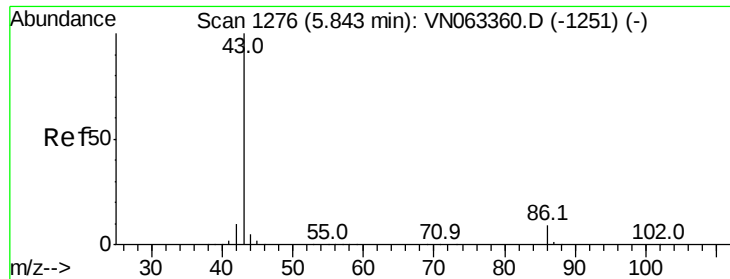
Tot Ion: 96 Resp: 63335
Ion Ratio Lower Upper
96 100
61 158.9 126.2 189.4
98 65.5 51.0 76.4



#22
Diisopropyl ether
Concen: 20.571 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Tgt Ion: 45 Resp: 241266
Ion Ratio Lower Upper
45 100
43 73.3 53.5 80.3
87 25.8 21.2 31.8
59 11.2 8.8 13.2

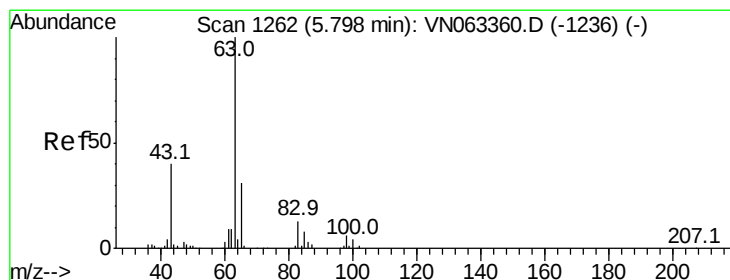
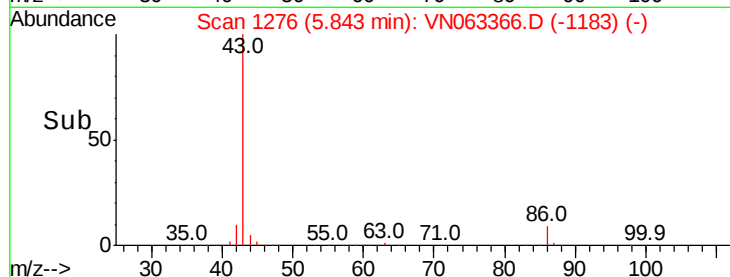
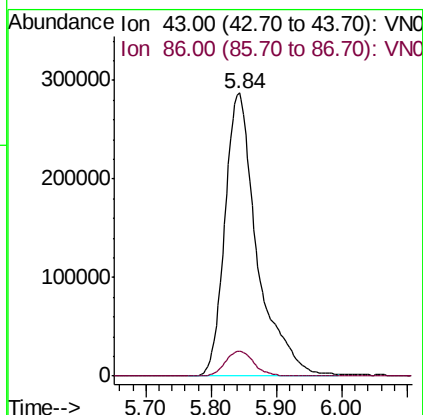
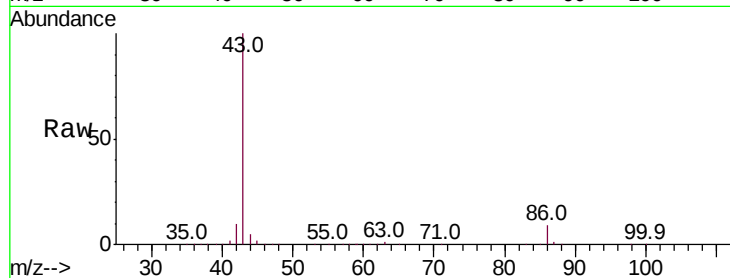




#23
 Vinyl Acetate
 Concen: 102.409 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063366.D
 Acq: 16 Sep 2020 15:55

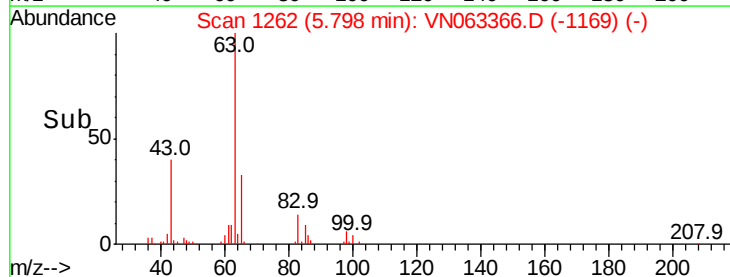
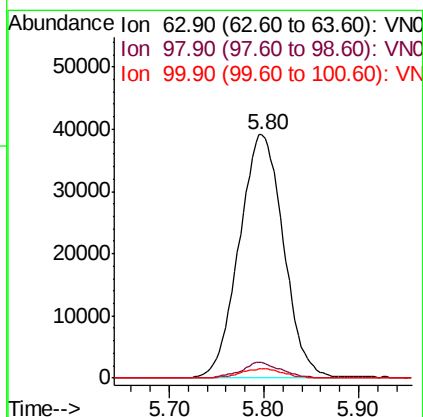
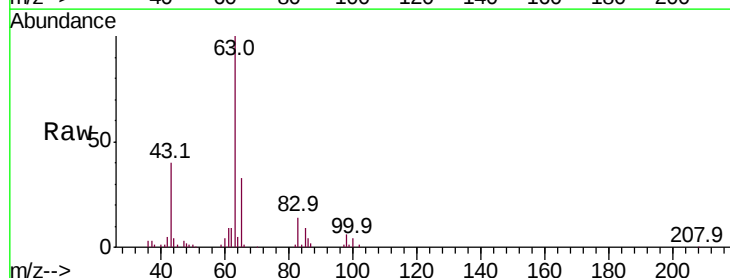
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD01

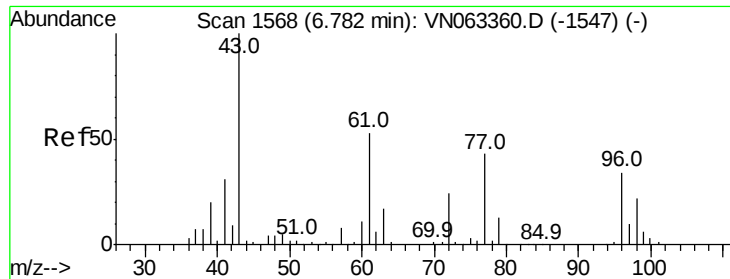
Tot Ion: 43 Resp: 986445
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.889 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063366.D
 Acq: 16 Sep 2020 15:55

Tgt Ion: 63 Resp: 127354
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.8
 100 3.8 2.1 6.3

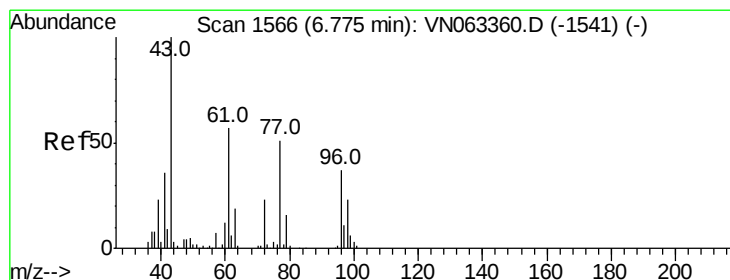
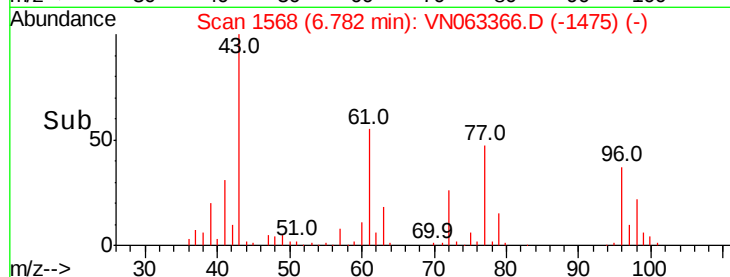
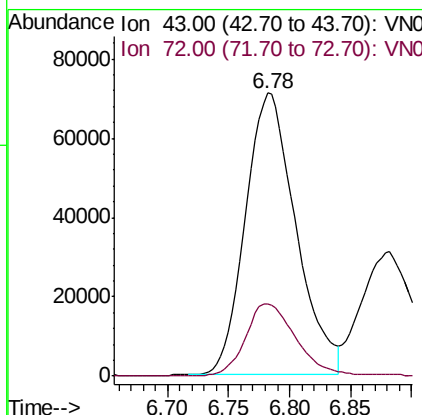
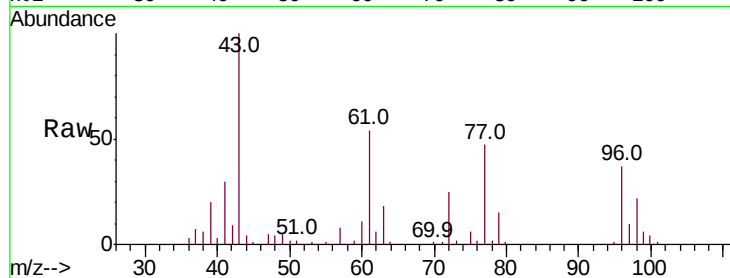




#25
2-Butanone
Concen: 94.131 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

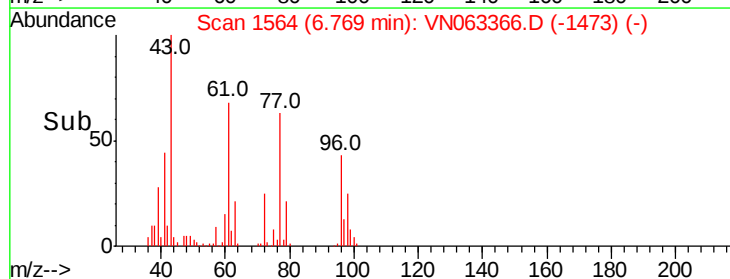
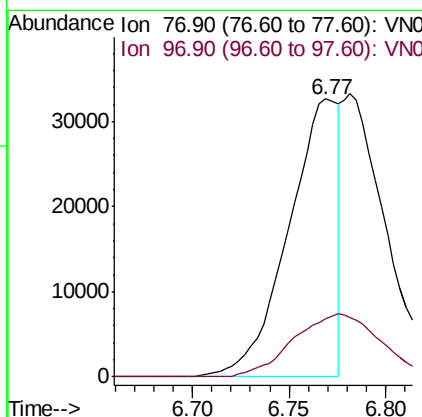
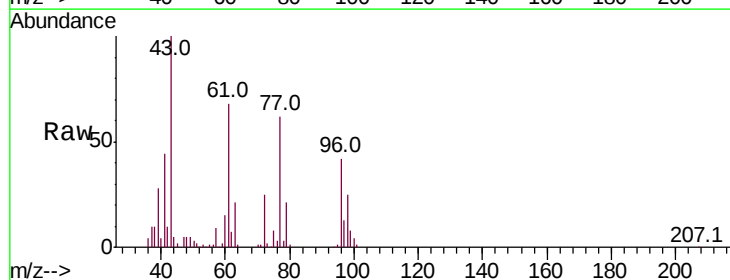
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

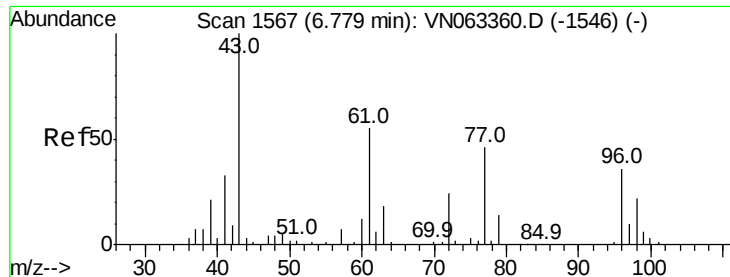
Tot Ion: 43 Resp: 204049
Ion Ratio Lower Upper
43 100
72 25.6 19.2 28.8



#26
2,2-Dichloropropane
Concen: 10.395 ug/l
RT: 6.77 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Tgt Ion: 77 Resp: 58603
Ion Ratio Lower Upper
77 100
97 39.8 10.5 31.6#





#27

cis-1,2-Dichloroethene

Concen: 20.151 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

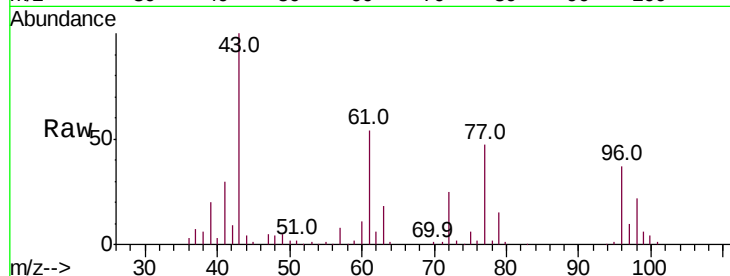
Tot Ion: 96 Resp: 73468

Ion Ratio Lower Upper

96 100

61 161.9 0.0 319.6

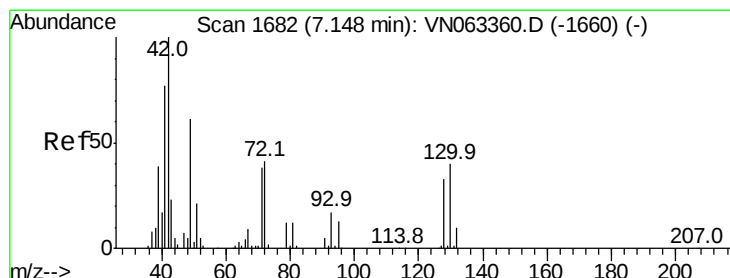
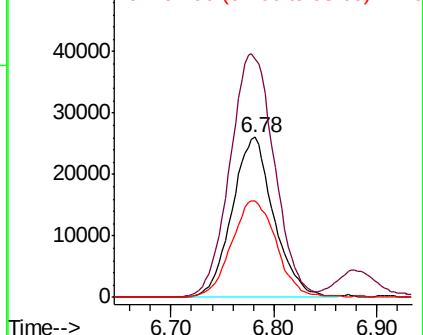
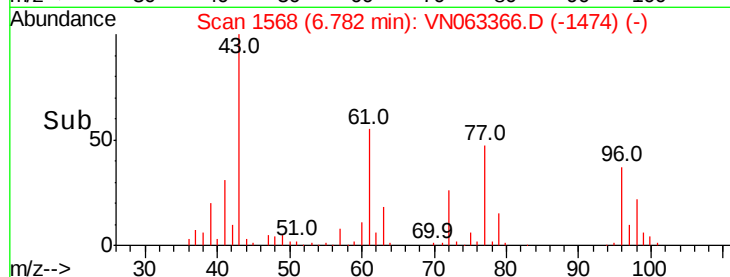
98 64.8 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.497 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

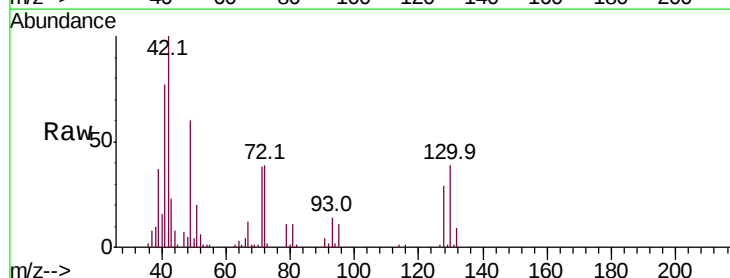
Tgt Ion: 49 Resp: 54688

Ion Ratio Lower Upper

49 100

129 1.2 0.0 3.8

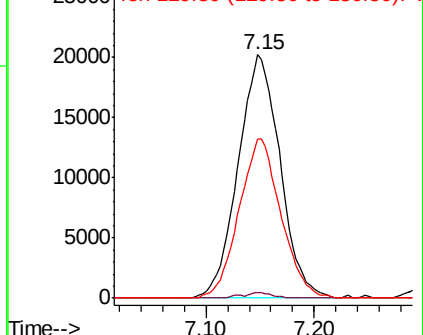
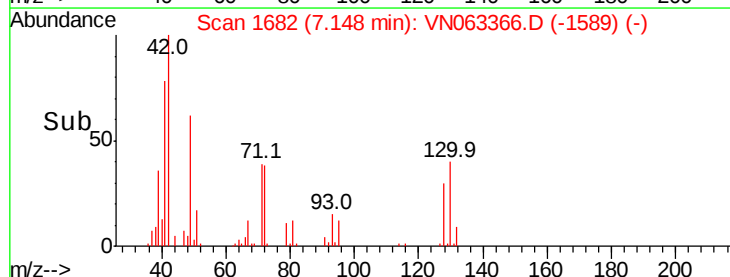
130 65.1 52.2 78.2

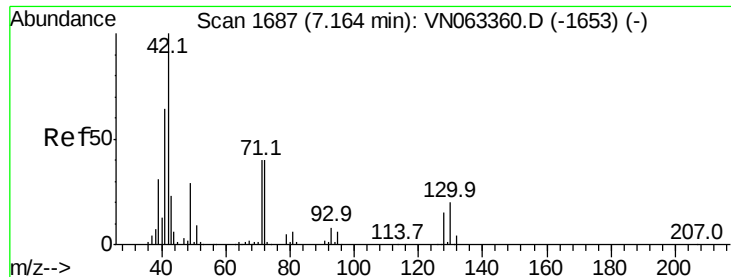


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 97.439 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

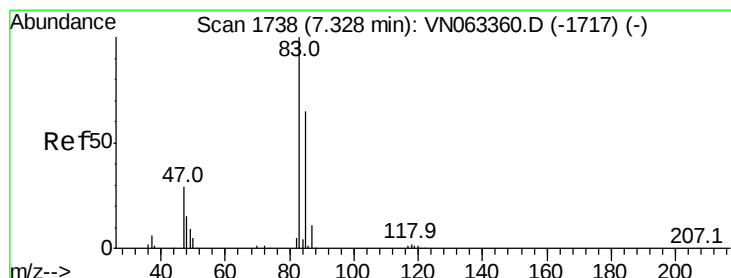
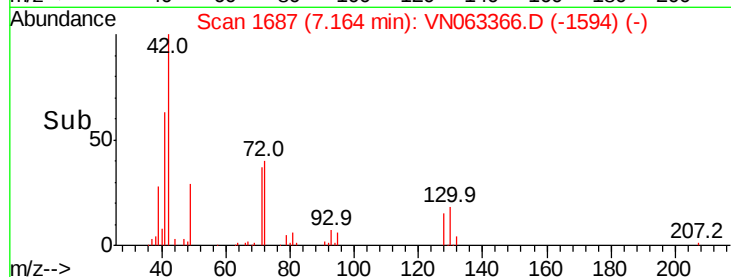
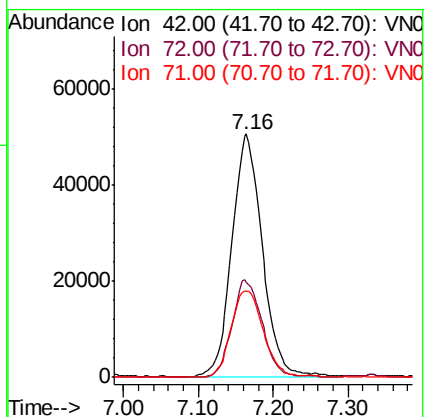
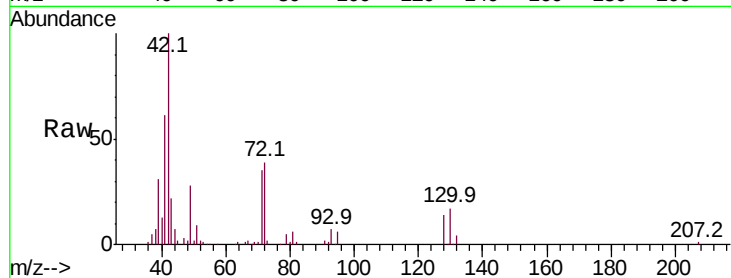
Tot Ion: 42 Resp: 144259

Ion Ratio Lower Upper

42 100

72 39.6 32.1 48.1

71 37.3 31.2 46.8



#30

Chloroform

Concen: 19.761 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063366.D

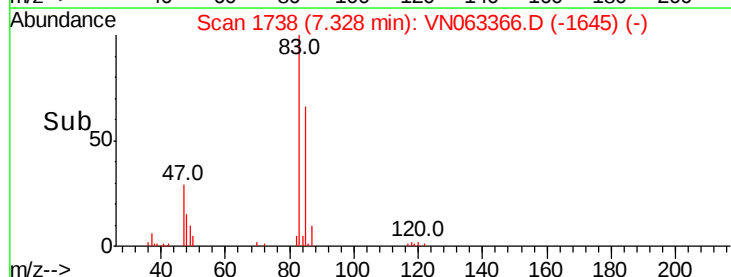
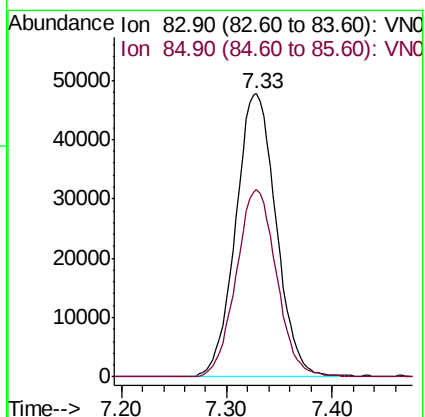
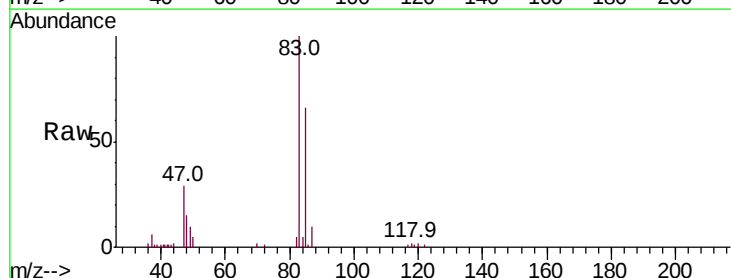
Acq: 16 Sep 2020 15:55

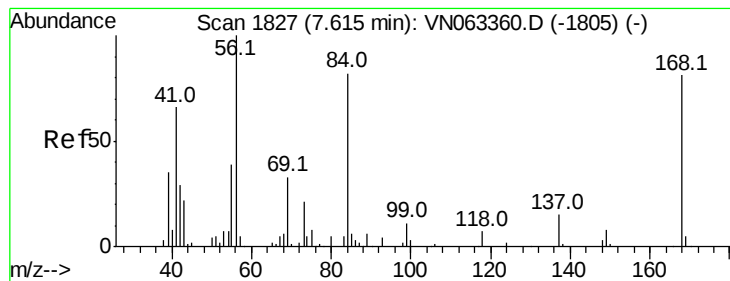
Tgt Ion: 83 Resp: 126955

Ion Ratio Lower Upper

83 100

85 66.1 52.1 78.1





#31

Cyclohexane

Concen: 19.510 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampled :

VN0916WBSD01

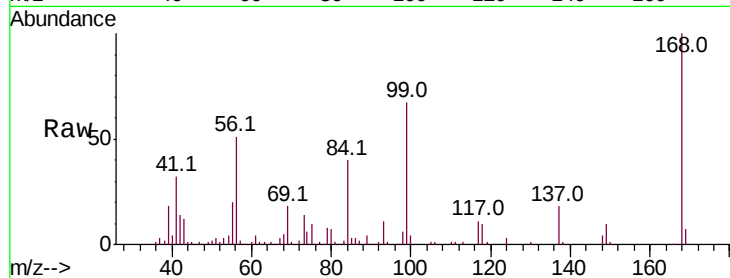
Tot Ion: 56 Resp: 118174

Ion Ratio Lower Upper

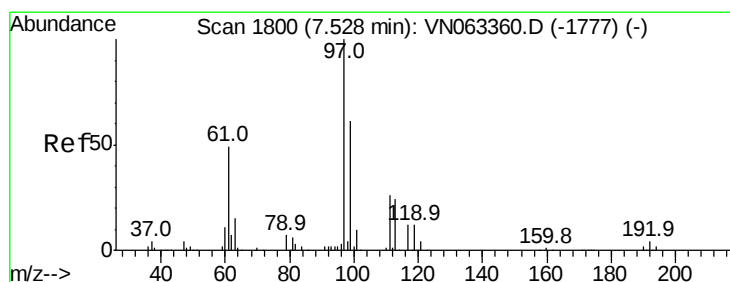
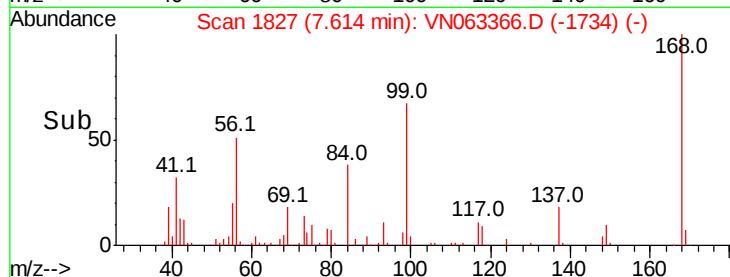
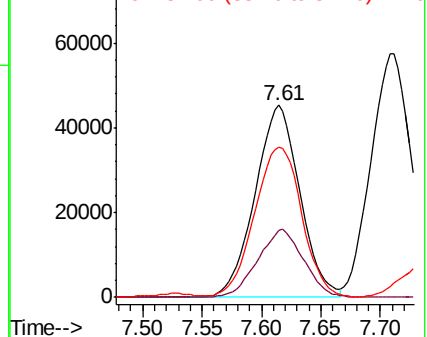
56 100

69 34.5 26.1 39.1

84 76.8 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: 19.446 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

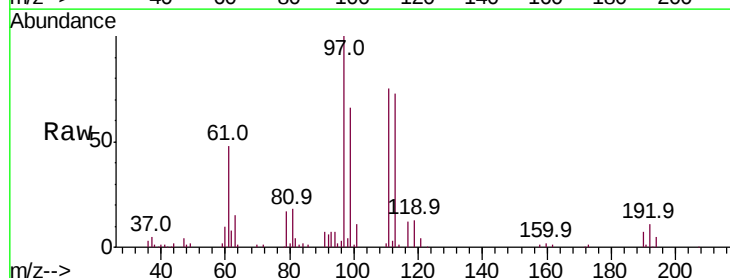
Tgt Ion: 97 Resp: 111118

Ion Ratio Lower Upper

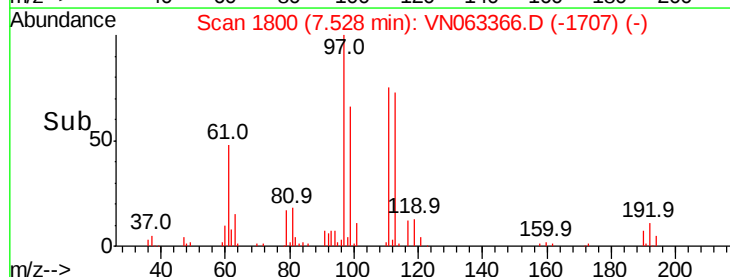
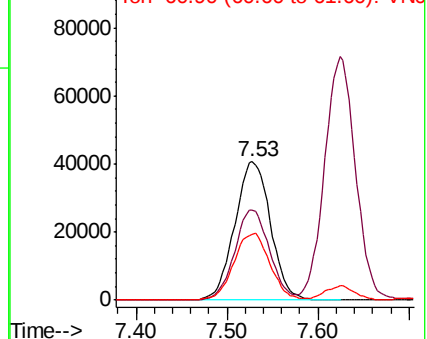
97 100

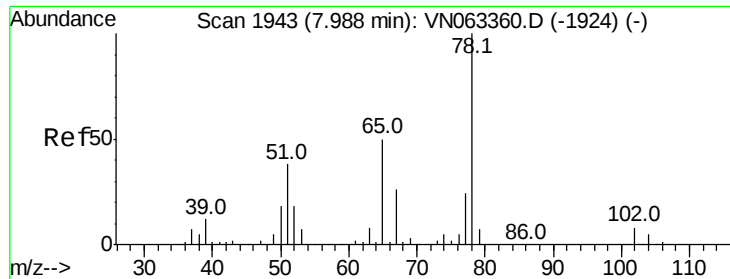
99 63.5 50.6 76.0

61 48.9 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

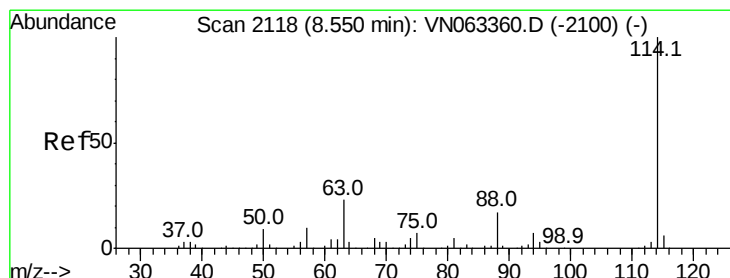
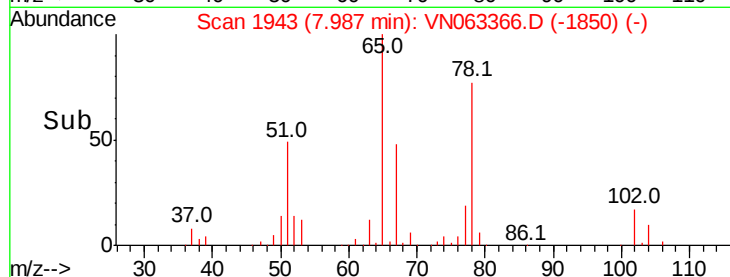
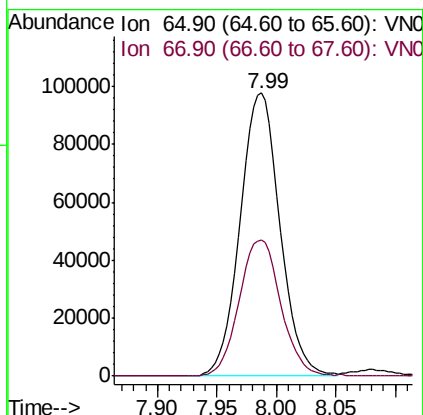
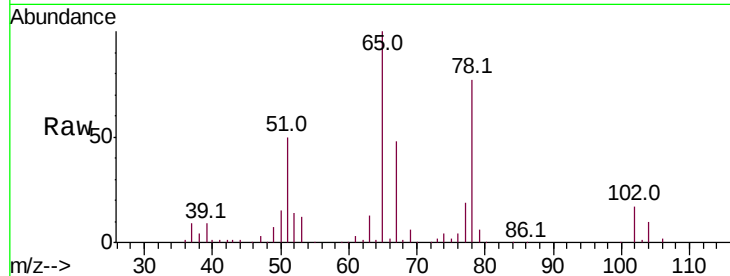




#33
 1,2-Dichloroethane-d4
 Concen: 51.654 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063366.D
 Acq: 16 Sep 2020 15:55

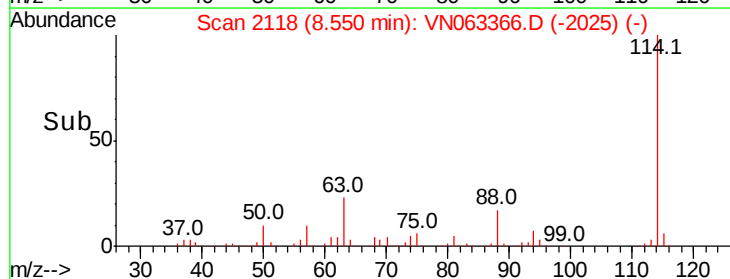
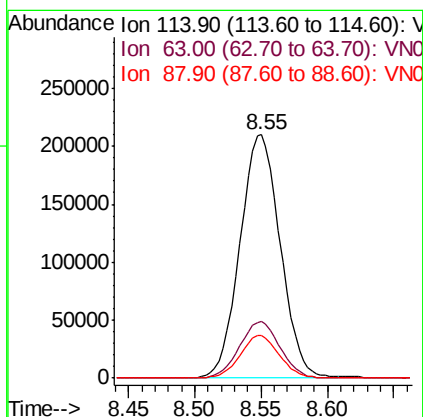
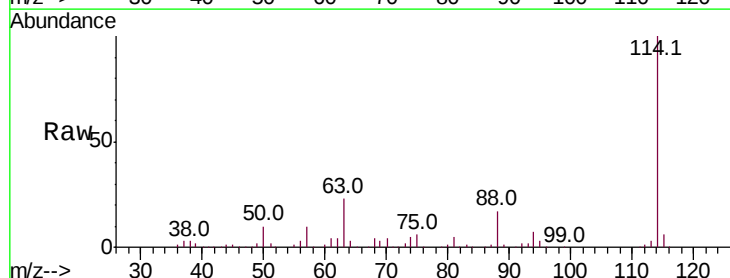
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD01

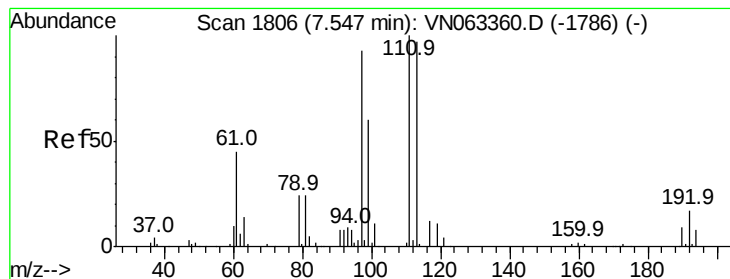
Tot Ion: 65 Resp: 226535
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063366.D
 Acq: 16 Sep 2020 15:55

Tgt Ion: 114 Resp: 442885
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.4
 88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.235 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

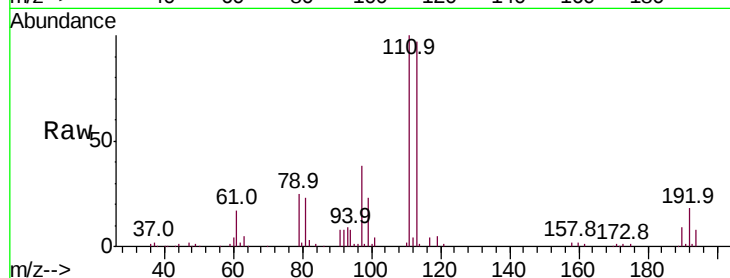
Tot Ion:113 Resp: 157088

Ion Ratio Lower Upper

113 100

111 101.1 82.9 124.3

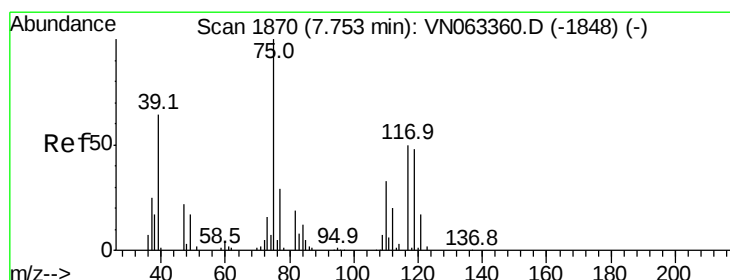
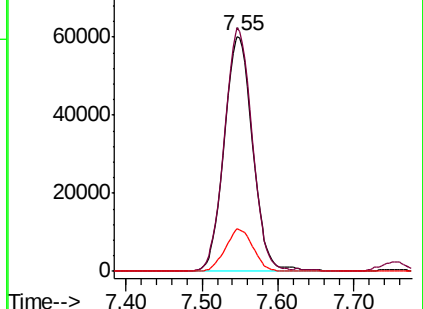
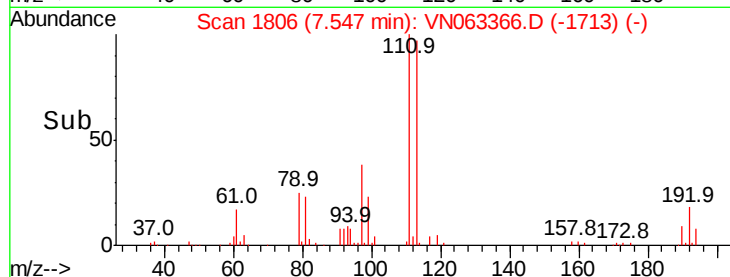
192 17.5 13.9 20.9



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: 20.643 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

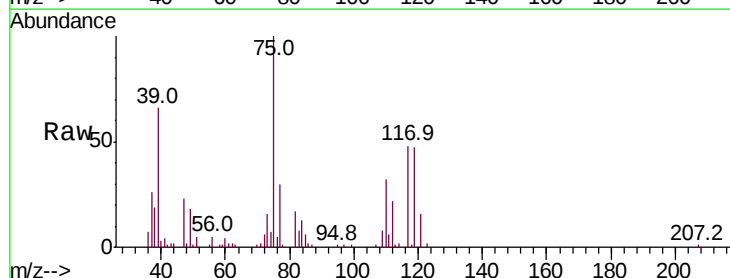
Tgt Ion: 75 Resp: 97400

Ion Ratio Lower Upper

75 100

110 31.4 16.5 49.5

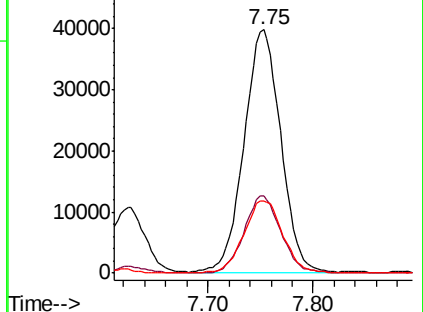
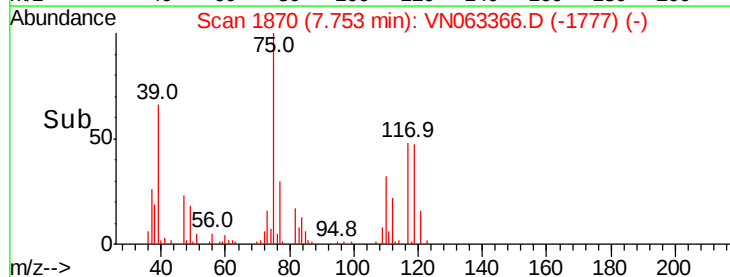
77 31.3 24.6 36.8

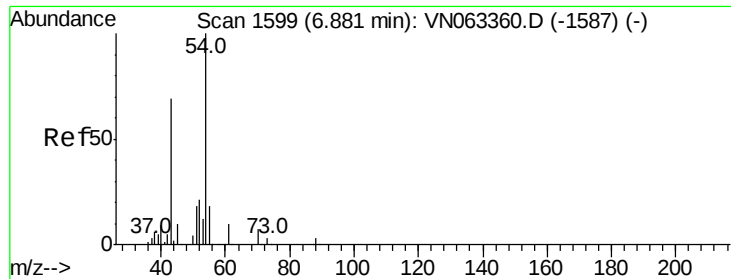


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

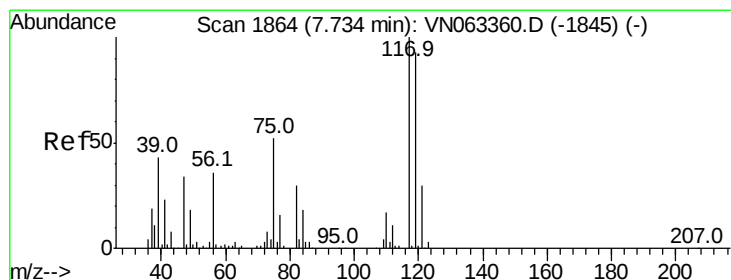
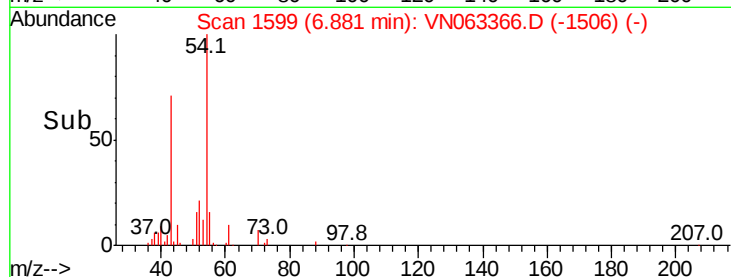
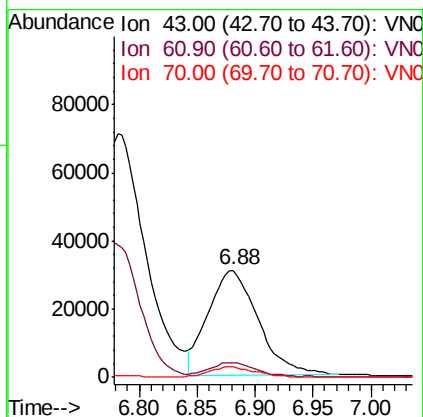
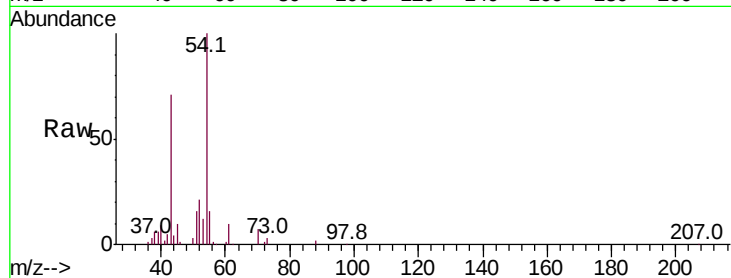




#37
Ethyl Acetate
Concen: 19.832 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

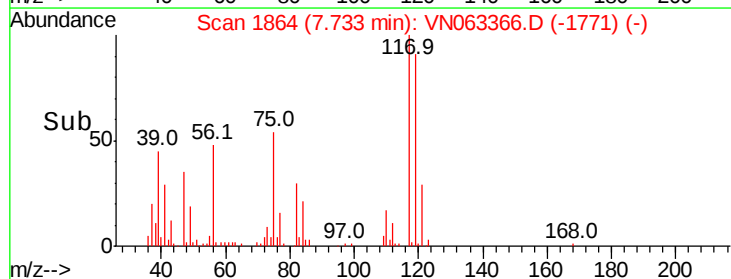
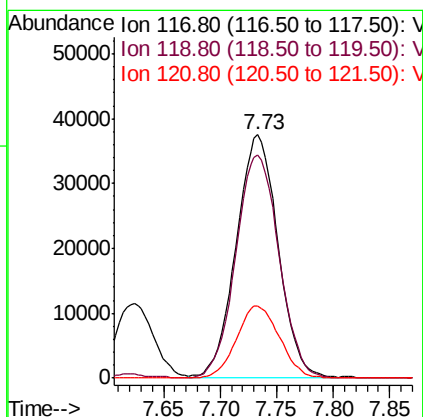
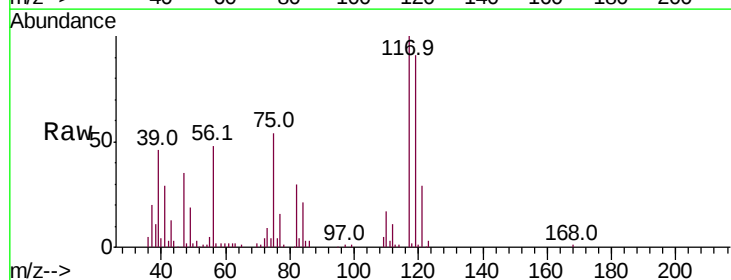
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

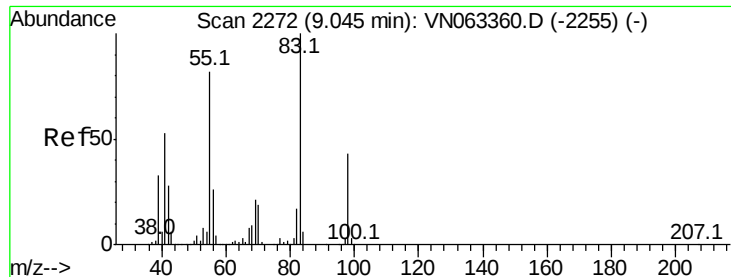
Tot Ion: 43 Resp: 91837
Ion Ratio Lower Upper
43 100
61 12.4 10.6 15.8
70 9.3 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.910 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Tgt Ion: 117 Resp: 95896
Ion Ratio Lower Upper
117 100
119 91.9 74.5 111.7
121 29.6 24.1 36.1

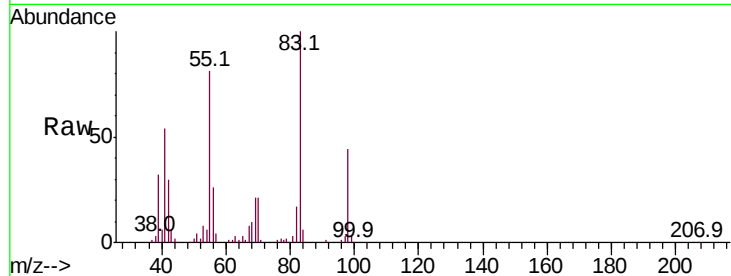




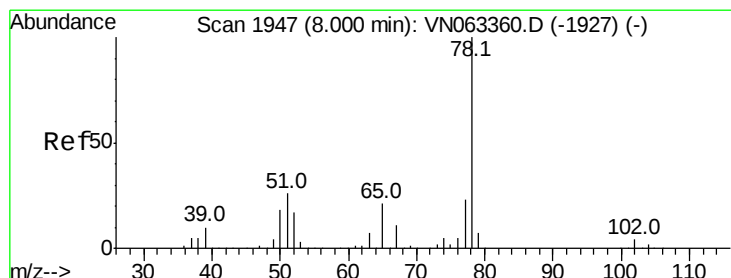
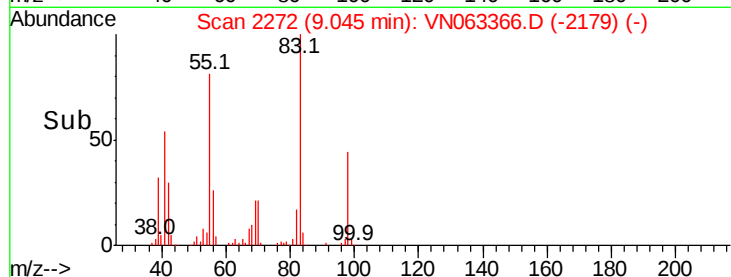
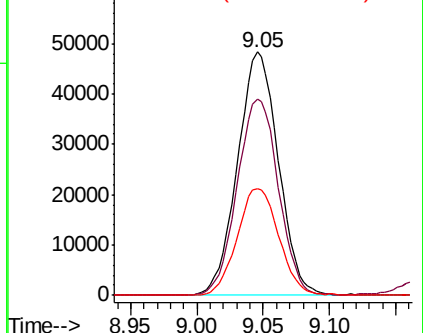
#39
Methvlcvclohexane
Concen: 20.185 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Tot Ion: 83 Resp: 103364
Ion Ratio Lower Upper
83 100
55 80.6 65.5 98.3
98 43.6 34.2 51.4

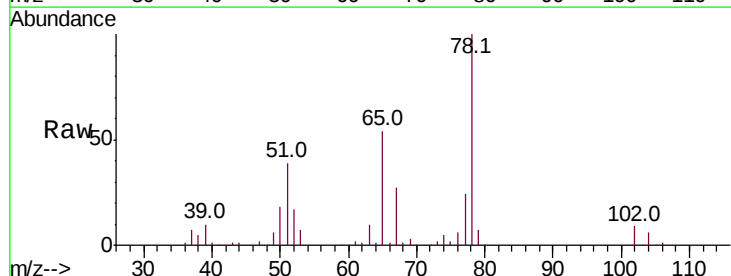


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

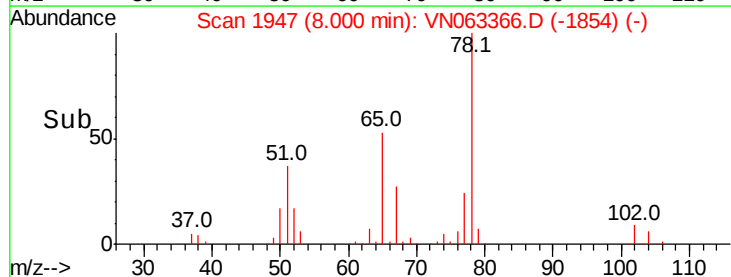
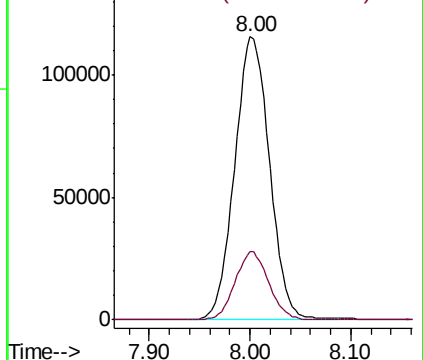


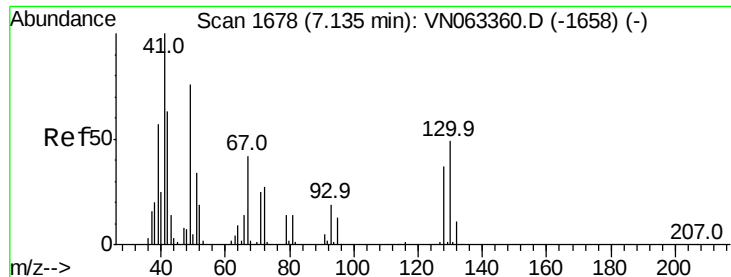
#40
Benzene
Concen: 20.543 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Tgt Ion: 78 Resp: 276698
Ion Ratio Lower Upper
78 100
77 24.2 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

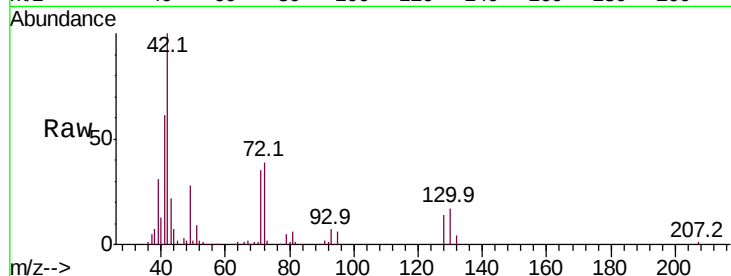




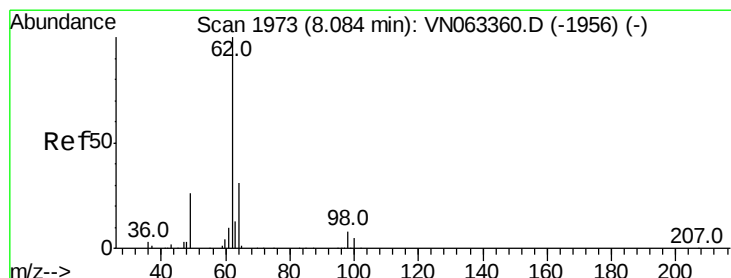
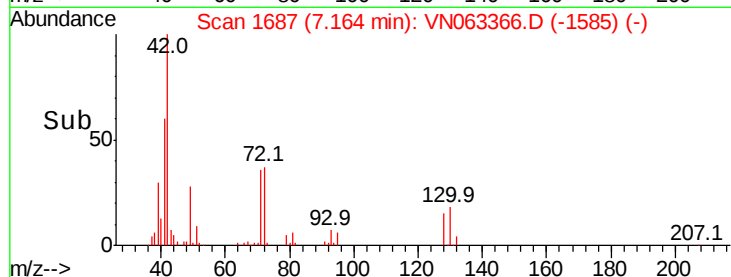
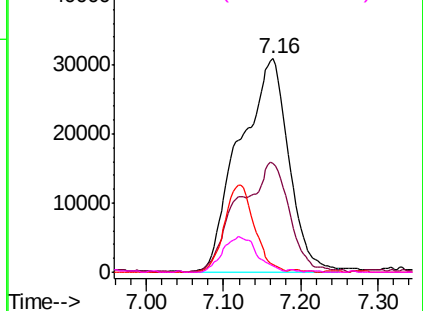
#41
Methacrylonitrile
Concen: 65.529 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Tot Ion:	41	Resp:	136481
Ion	Ratio	Lower	Upper
41	100		
39	25.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

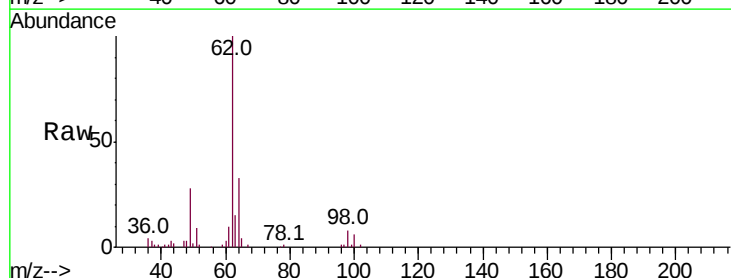


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

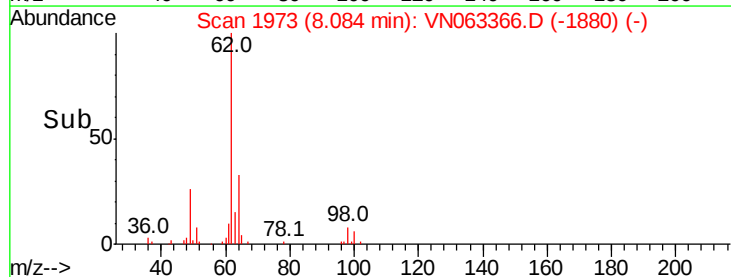
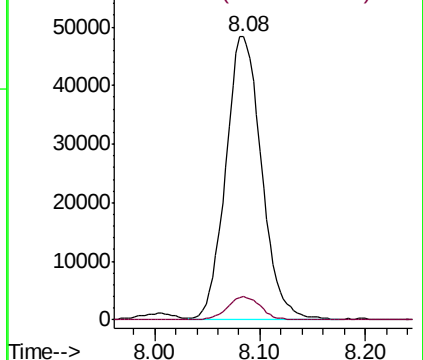


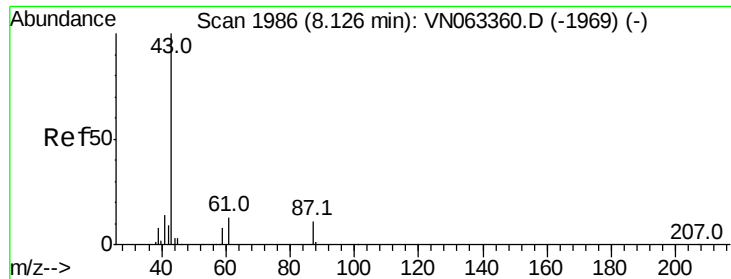
#42
1,2-Dichloroethane
Concen: 21.062 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Tgt Ion:	62	Resp:	114083
Ion	Ratio	Lower	Upper
62	100		
98	7.5	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: 19.368 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

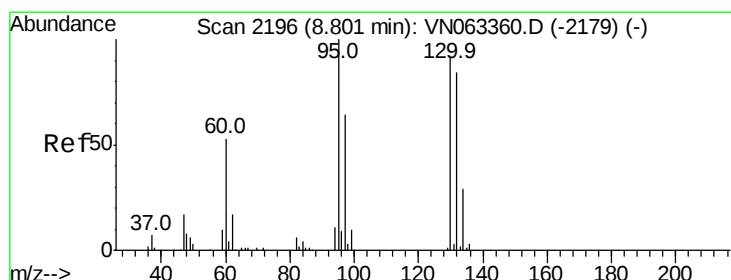
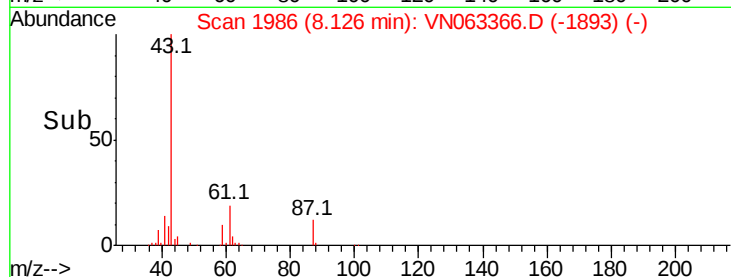
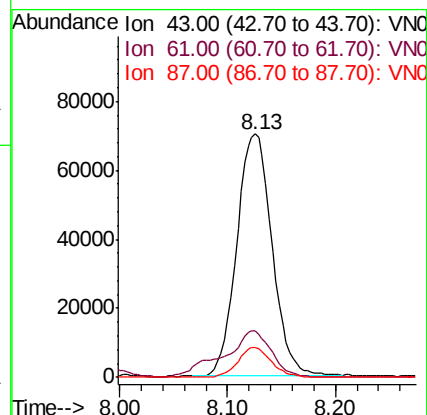
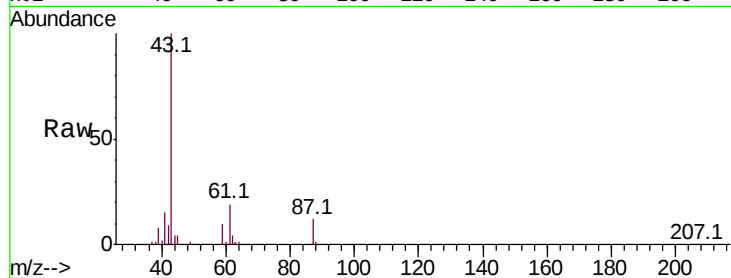
MSVOA_N

ClientSampleId :

VN0916WBSD01

Tot Ion: 43 Resp: 160374

Ion	Ratio	Lower	Upper
43	100		
61	26.4	14.2	21.2#
87	11.6	9.0	13.6



#44

Trichloroethene

Concen: 20.557 ug/l

RT: 8.80 min Scan# 2196

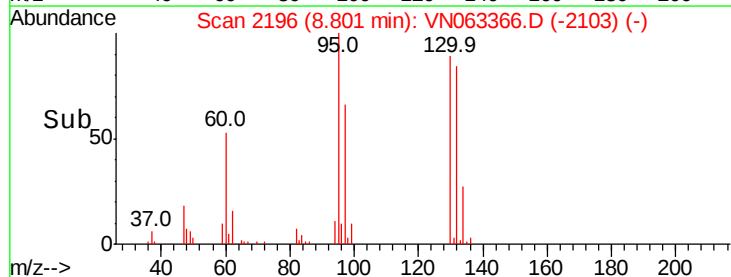
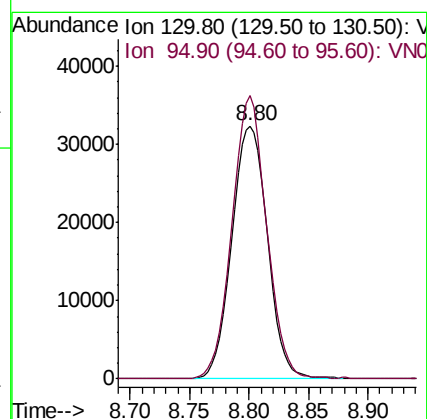
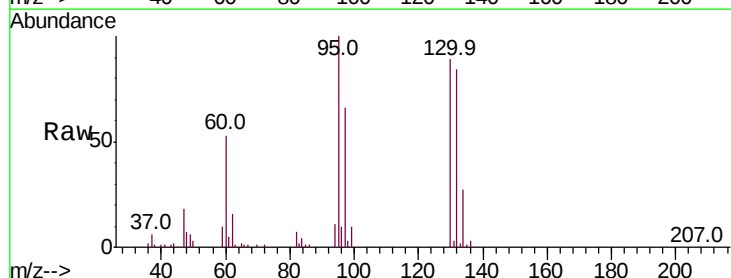
Delta R.T. -0.00 min

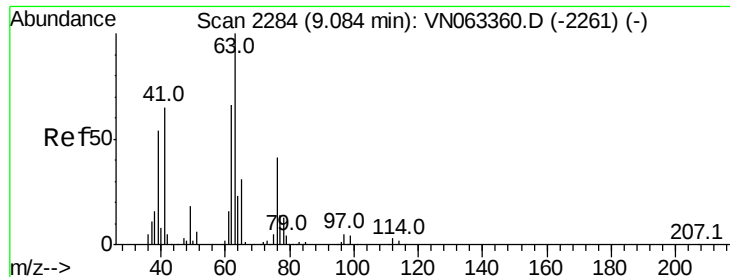
Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Tgt Ion: 130 Resp: 67157

Ion	Ratio	Lower	Upper
130	100		
95	111.9	0.0	217.4





#45

1,2-Dichloropropane

Concen: 21.256 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

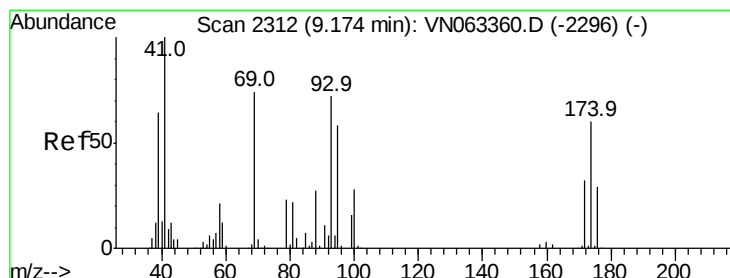
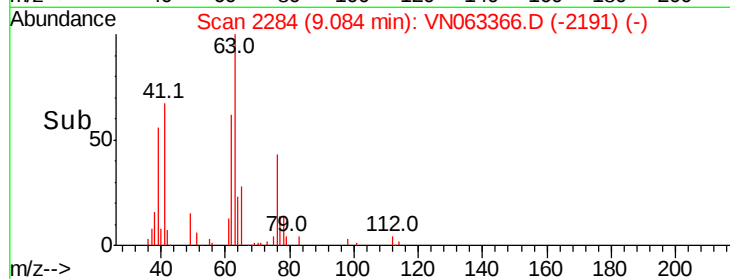
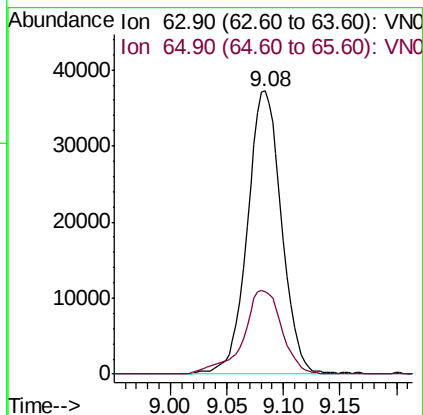
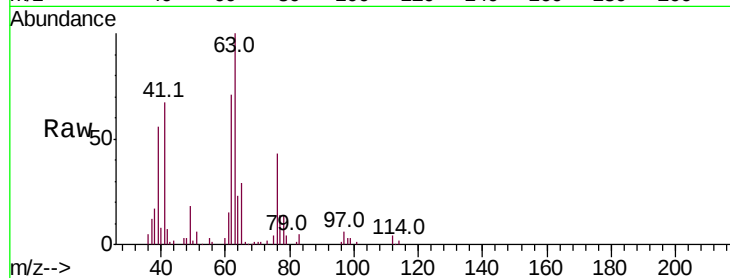
VN0916WBSD01

Tot Ion: 63 Resp: 77977

Ion Ratio Lower Upper

63 100

65 29.2 25.0 37.6



#46

Dibromomethane

Concen: 20.278 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

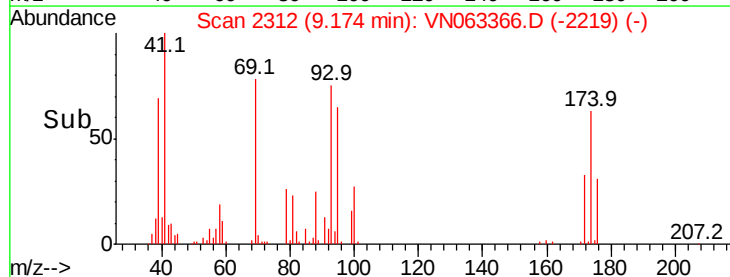
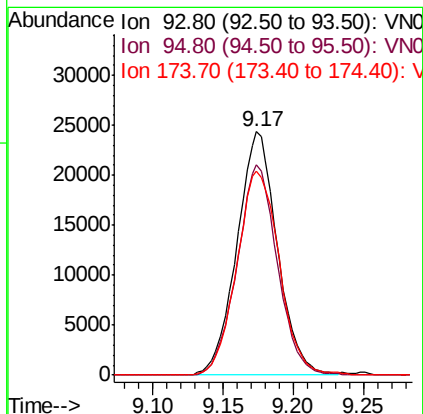
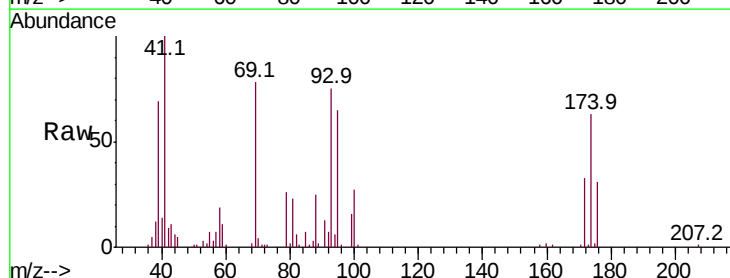
Tgt Ion: 93 Resp: 48891

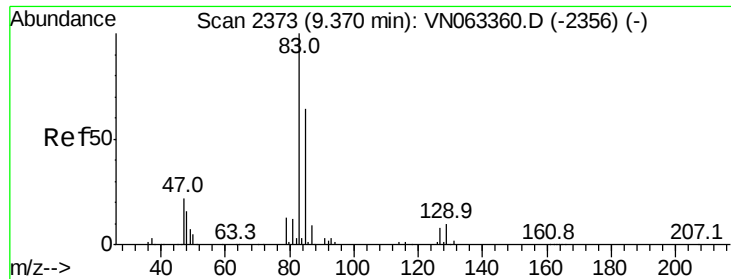
Ion Ratio Lower Upper

93 100

95 85.7 65.6 98.4

174 88.0 68.1 102.1





#47

Bromodichloromethane

Concen: 21.255 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

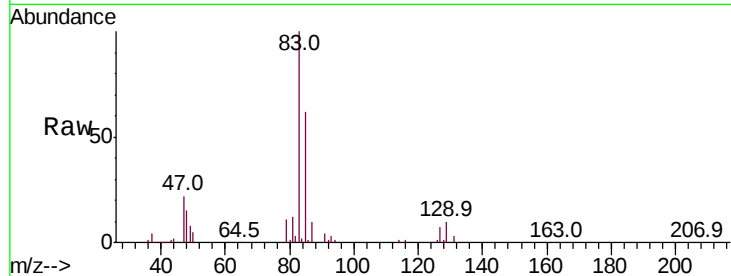
Tot Ion: 83 Resp: 106463

Ion Ratio Lower Upper

83 100

85 61.7 51.0 76.6

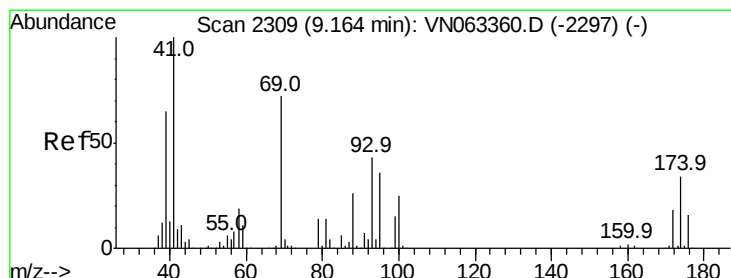
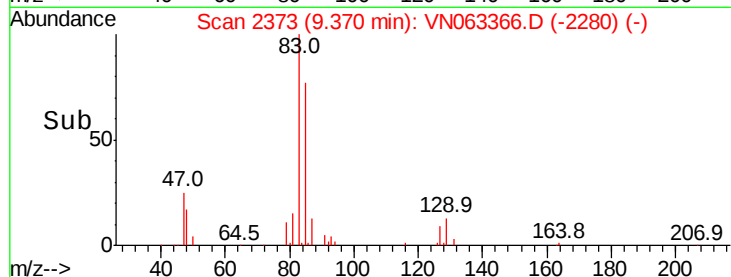
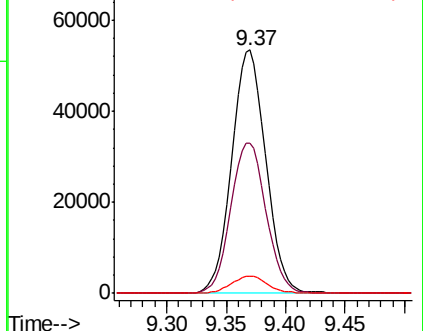
127 7.2 6.3 9.5



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): V



#48

Methyl methacrylate

Concen: 18.808 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

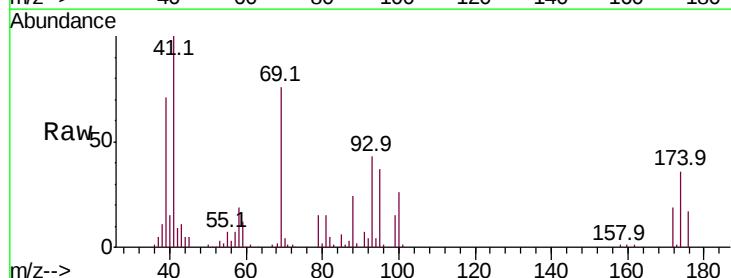
Tgt Ion: 41 Resp: 76516

Ion Ratio Lower Upper

41 100

69 78.5 59.3 88.9

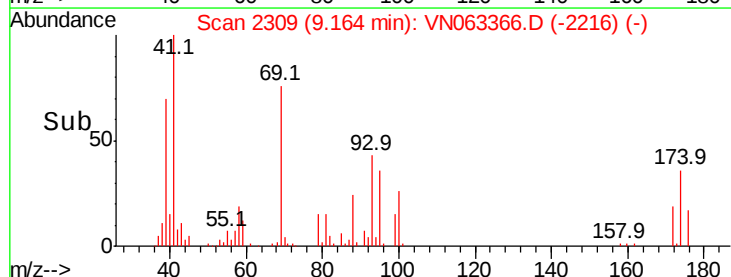
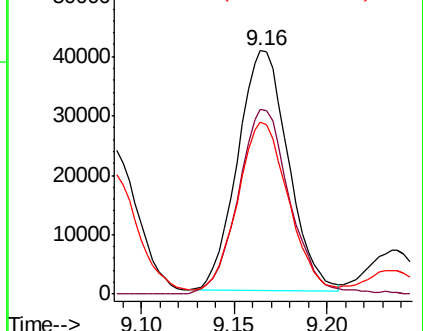
39 72.2 52.9 79.3

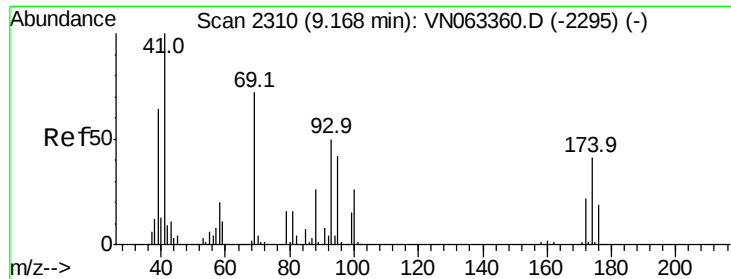


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 365.186 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

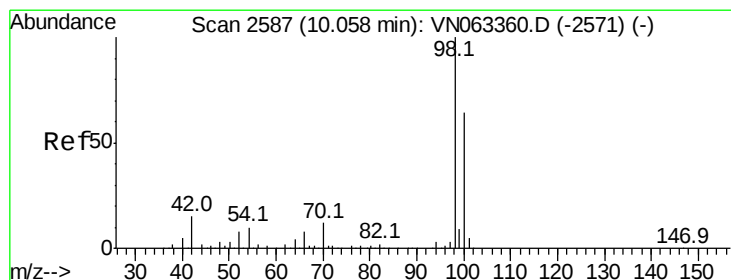
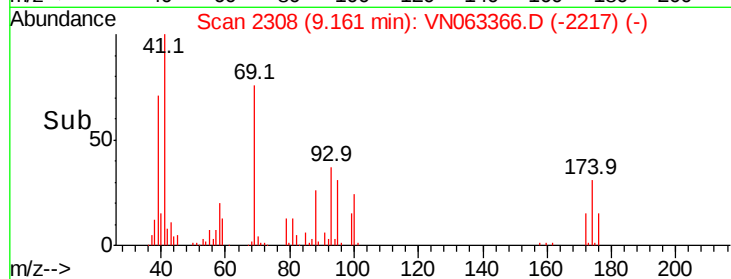
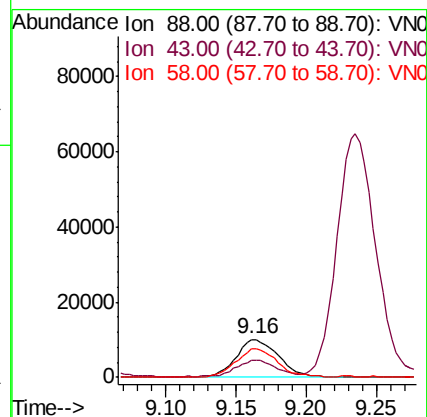
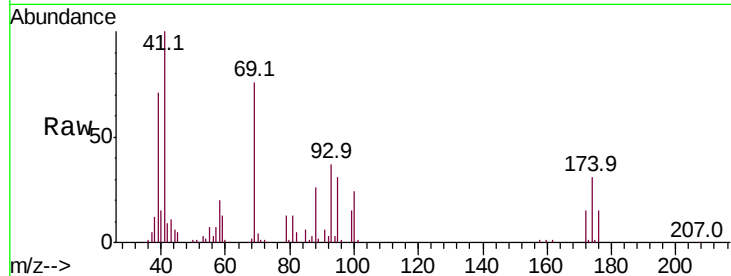
Tot Ion: 88 Resp: 21320

Ion Ratio Lower Upper

88 100

43 39.3 32.6 49.0

58 74.2 60.0 90.0



#50

Toluene-d8

Concen: 51.751 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063366.D

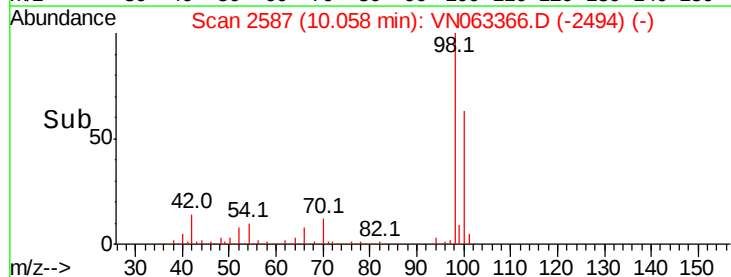
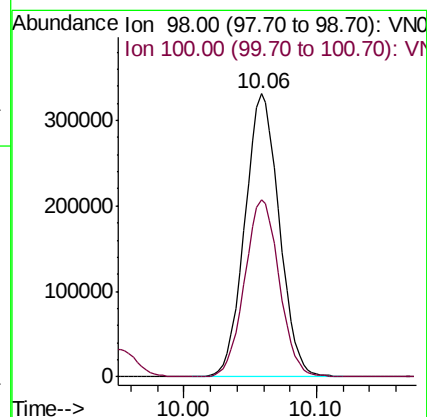
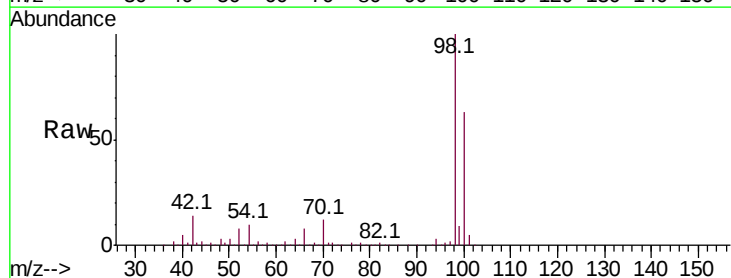
Acq: 16 Sep 2020 15:55

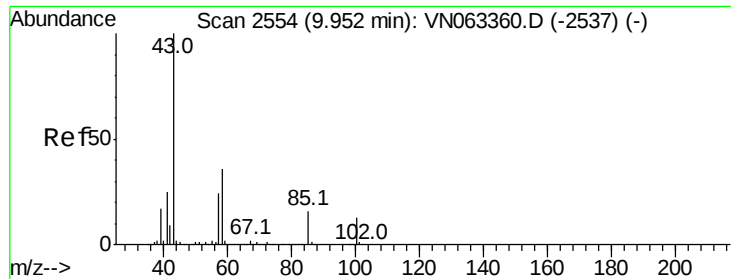
Tgt Ion: 98 Resp: 596619

Ion Ratio Lower Upper

98 100

100 62.9 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 99.666 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

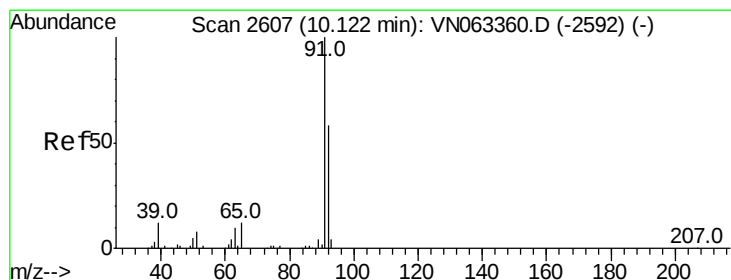
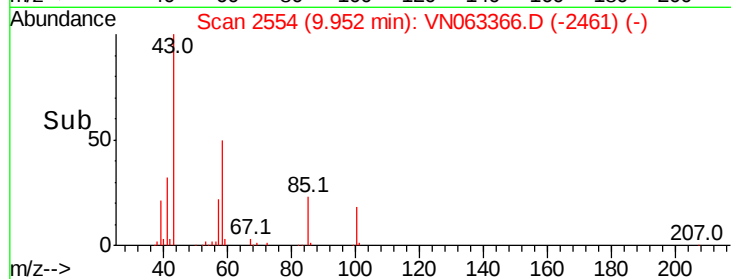
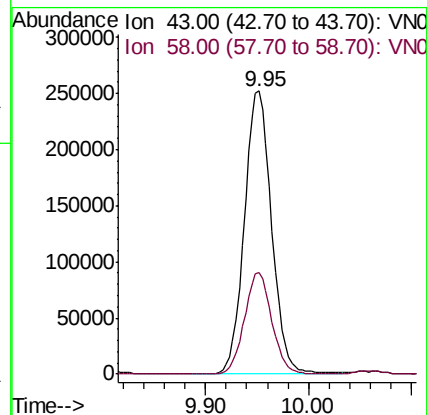
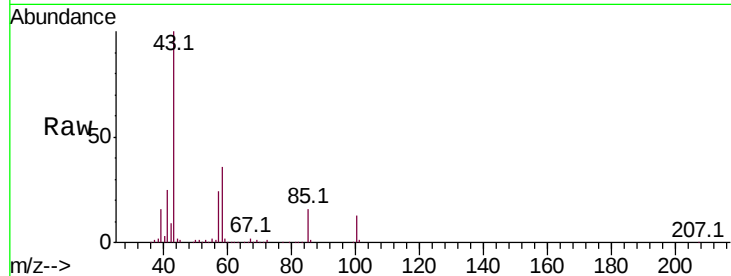
VN0916WBSD01

Tot Ion: 43 Resp: 462015

Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.6



#52

Toluene

Concen: 21.163 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063366.D

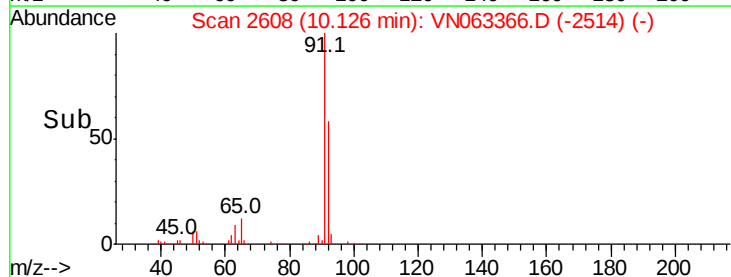
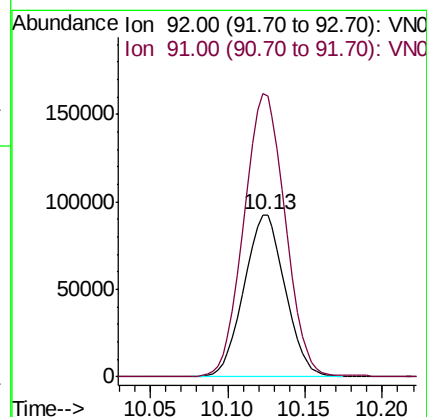
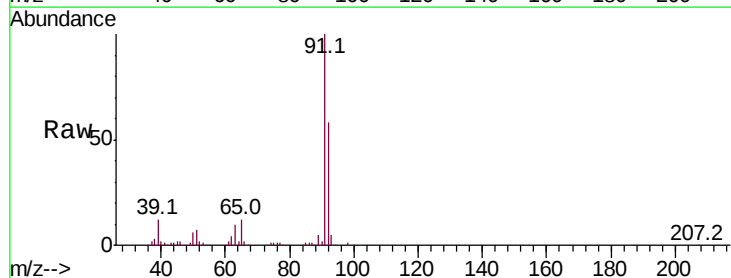
Acq: 16 Sep 2020 15:55

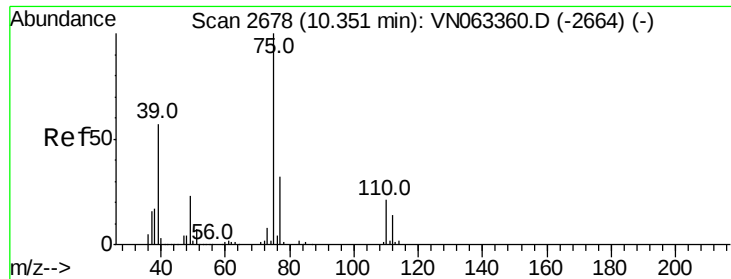
Tgt Ion: 92 Resp: 171383

Ion Ratio Lower Upper

92 100

91 176.2 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 20.940 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

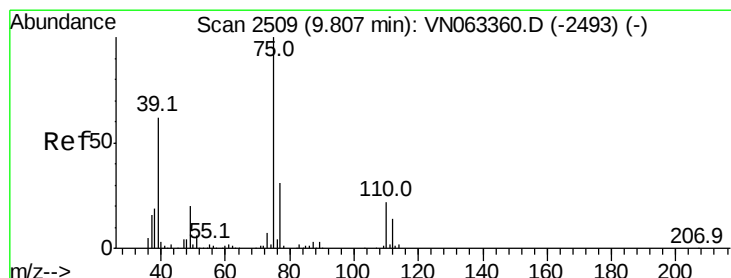
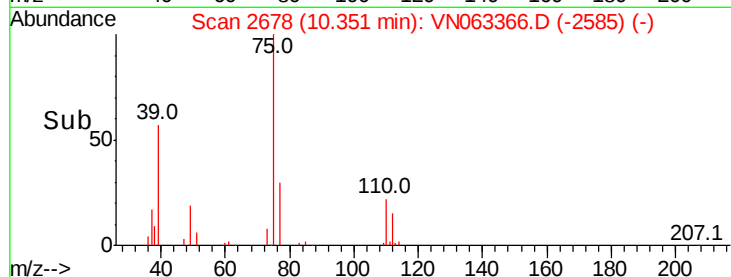
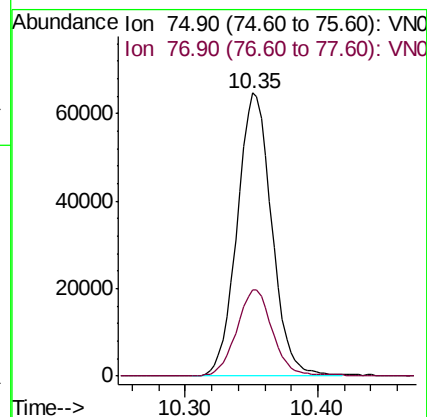
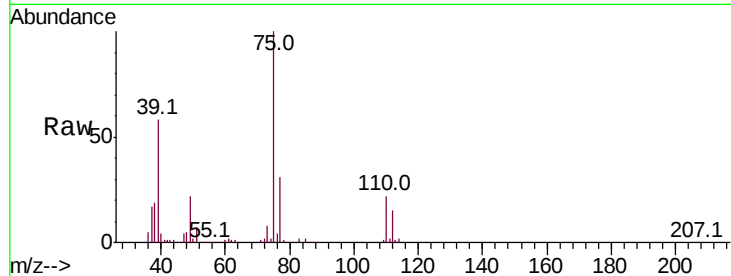
VN0916WBSD01

Tot Ion: 75 Resp: 117096

Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.734 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

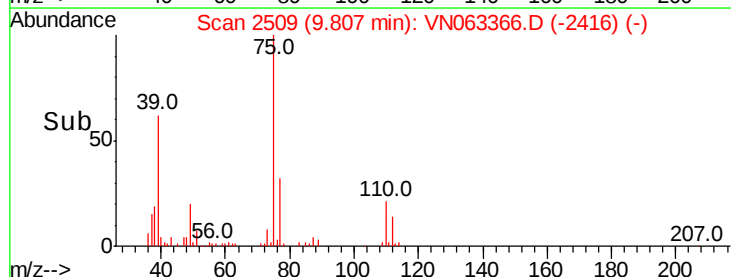
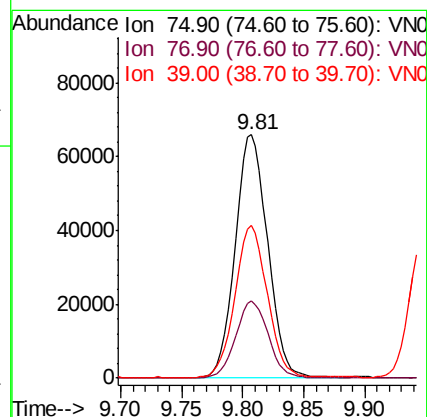
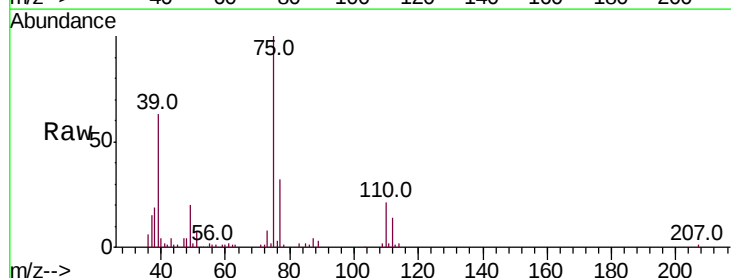
Tgt Ion: 75 Resp: 122297

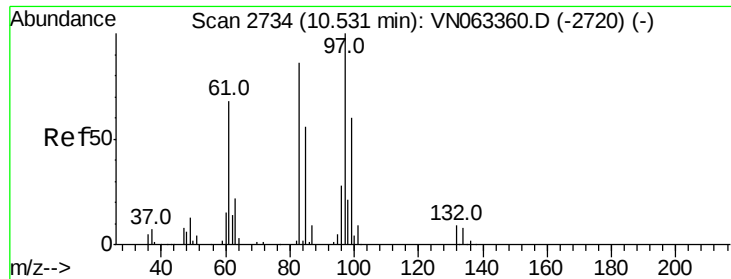
Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0

39 62.3 49.8 74.8



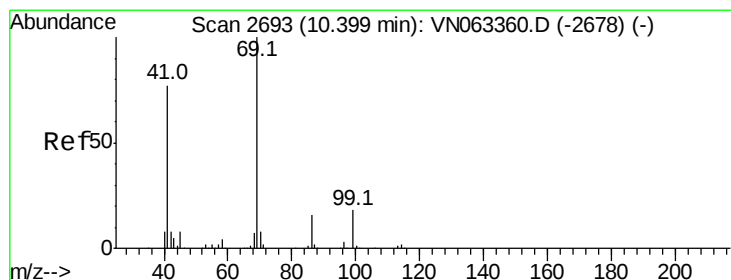
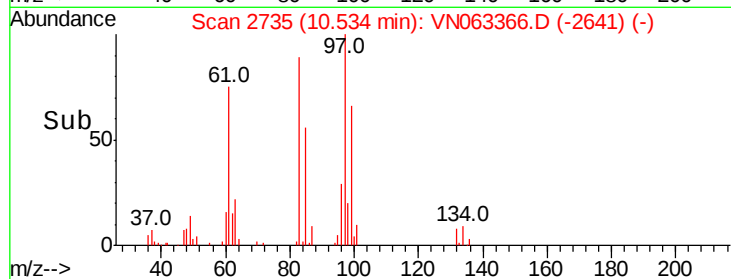
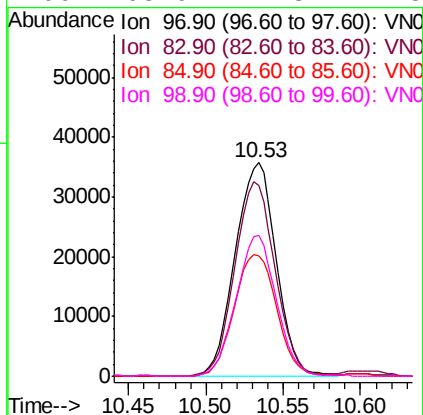
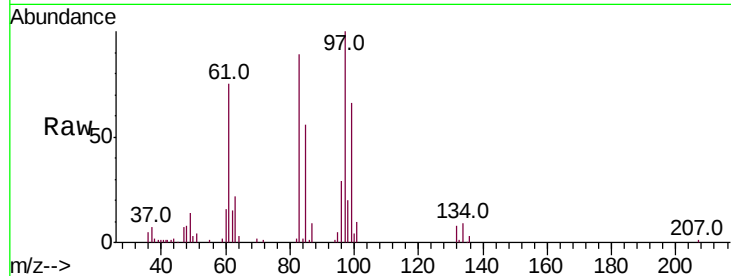


#55
 1,1,2-Trichloroethane
 Concen: 20.494 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063366.D
 Acq: 16 Sep 2020 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD01

Tot Ion: 97 Resp: 65922

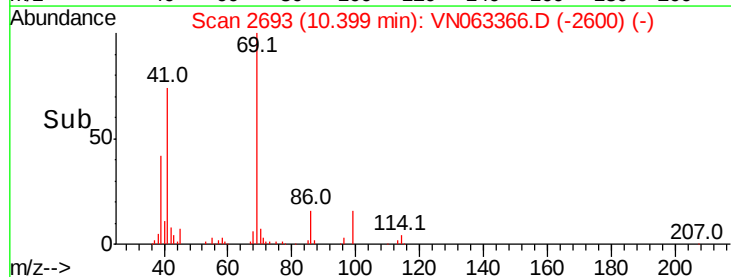
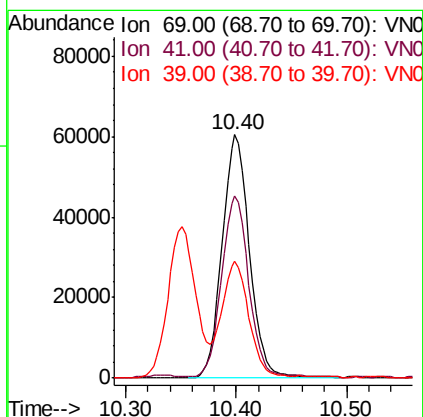
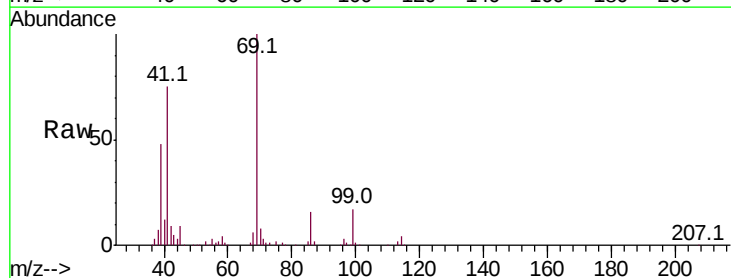
Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.9	103.3
85	56.4	44.8	67.2
99	65.9	47.8	71.8

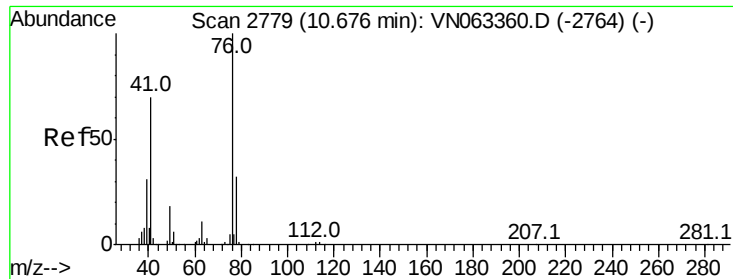


#56
 Ethyl methacrylate
 Concen: 20.767 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063366.D
 Acq: 16 Sep 2020 15:55

Tgt Ion: 69 Resp: 104283

Ion	Ratio	Lower	Upper
69	100		
41	73.0	61.0	91.6
39	46.2	39.2	58.8





#57

1,3-Dichloropropane

Concen: 20.695 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

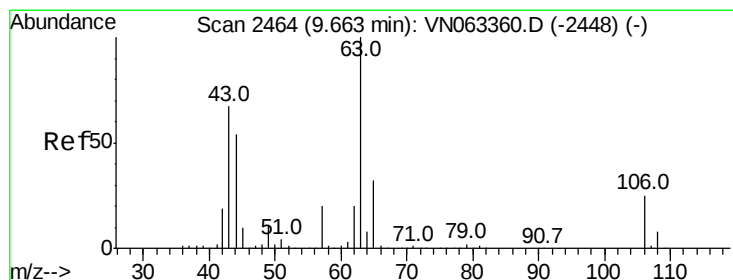
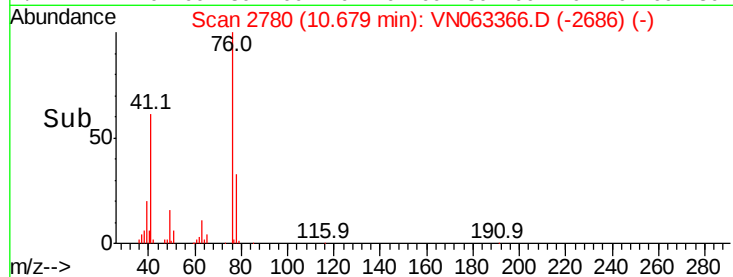
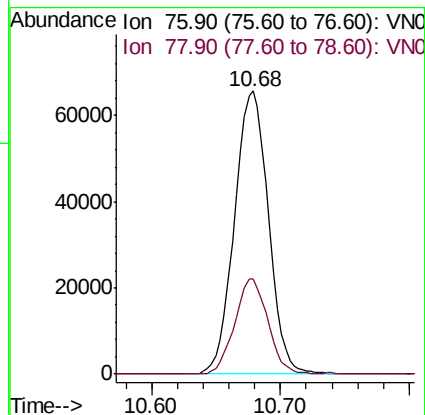
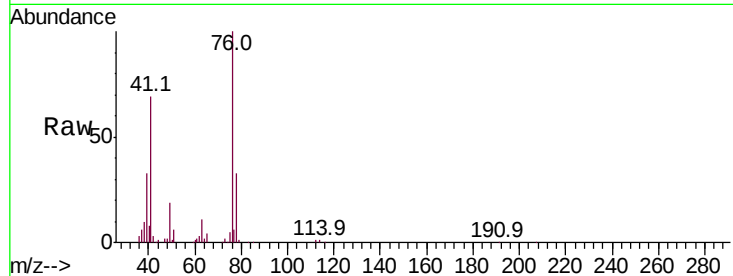
VN0916WBSD01

Tot Ion: 76 Resp: 120045

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.159 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063366.D

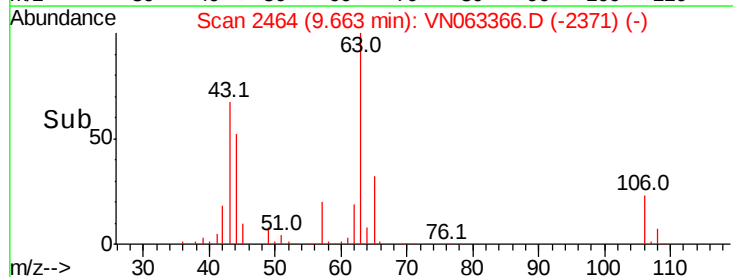
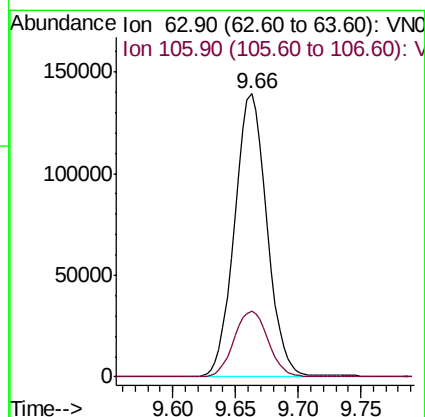
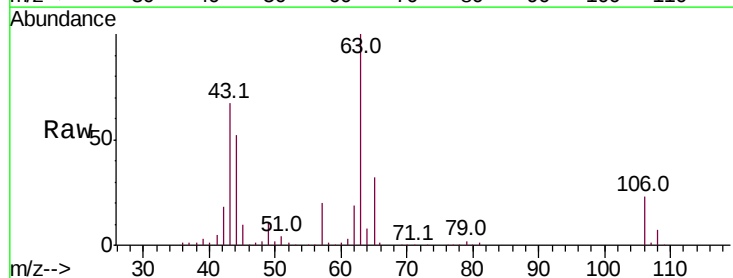
Acq: 16 Sep 2020 15:55

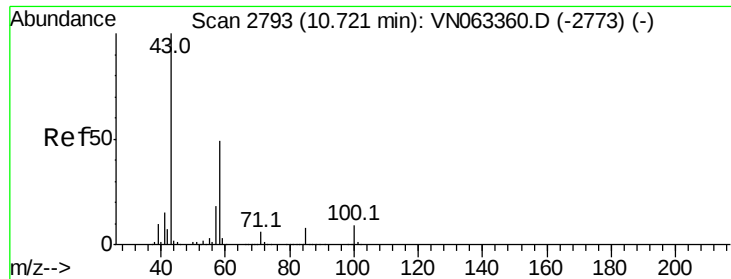
Tgt Ion: 63 Resp: 250665

Ion Ratio Lower Upper

63 100

106 24.6 19.5 29.3

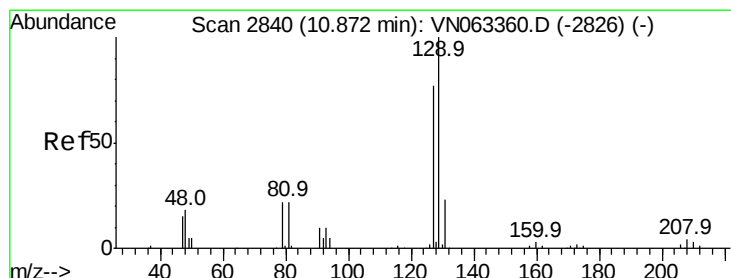
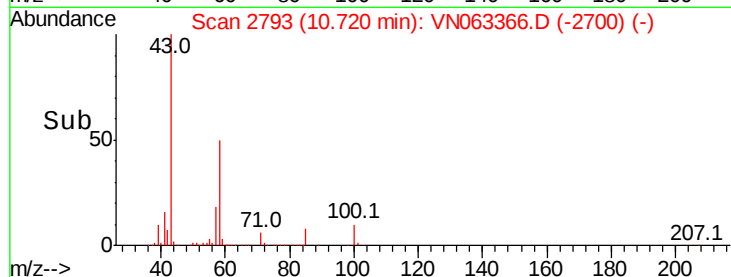
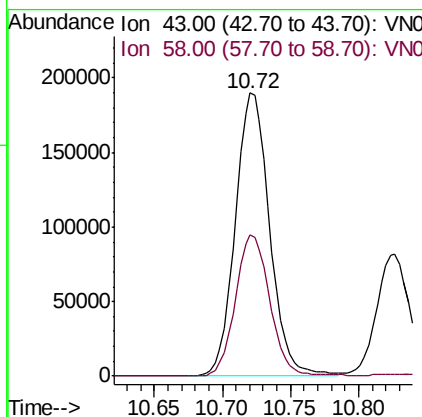
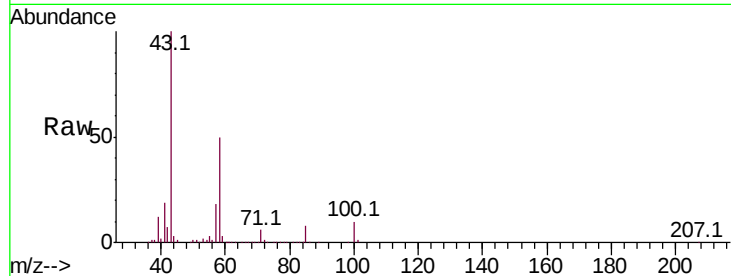




#59
2-Hexanone
Concen: 98.434 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

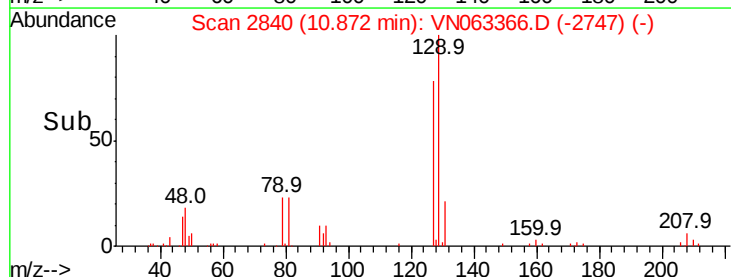
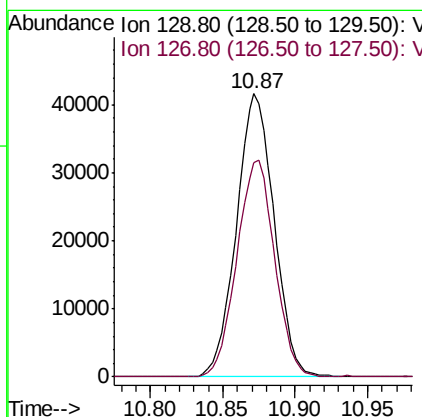
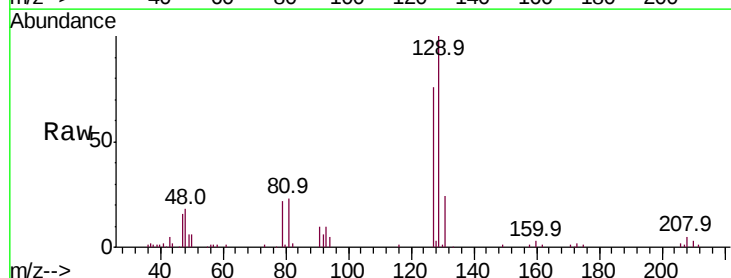
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

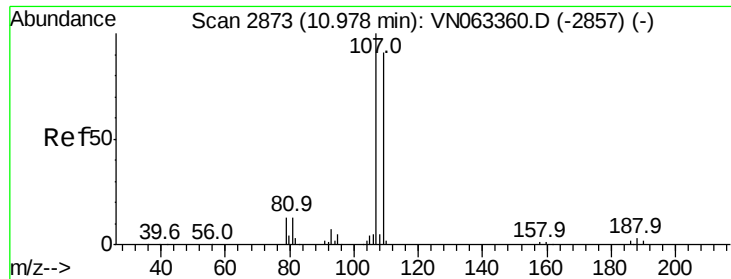
Tot Ion: 43 Resp: 330579
Ion Ratio Lower Upper
43 100
58 50.3 24.7 74.1



#60
Dibromochloromethane
Concen: 20.690 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Tgt Ion: 129 Resp: 75184
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3





#61

1,2-Dibromoethane

Concen: 21.136 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

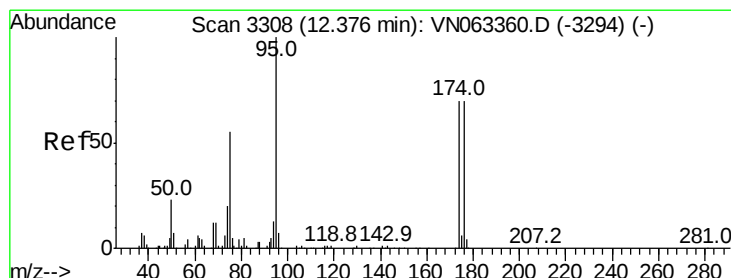
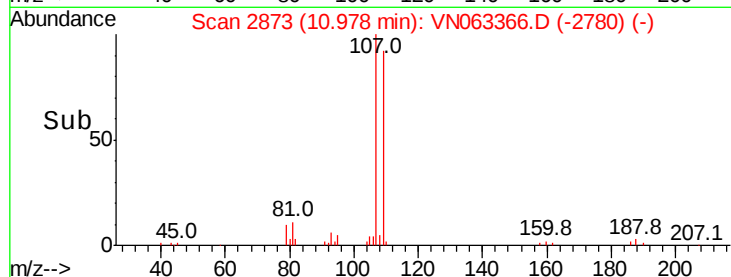
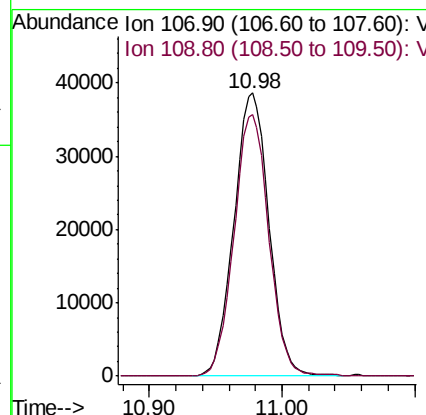
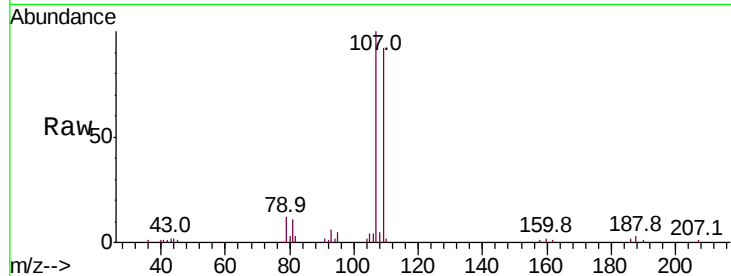
Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Tot Ion:107 Resp: 70631

Ion	Ratio	Lower	Upper
107	100		
109	91.9	74.6	111.8



#62

4-Bromofluorobenzene

Concen: 53.123 ug/l

RT: 12.38 min Scan# 3308

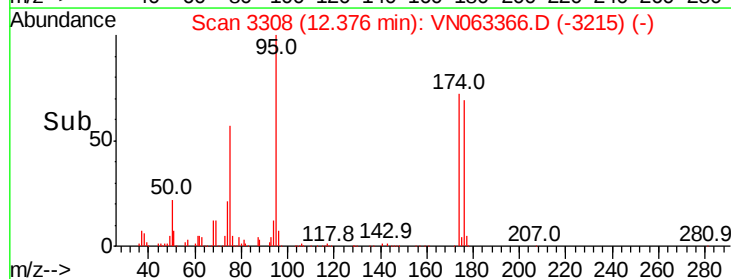
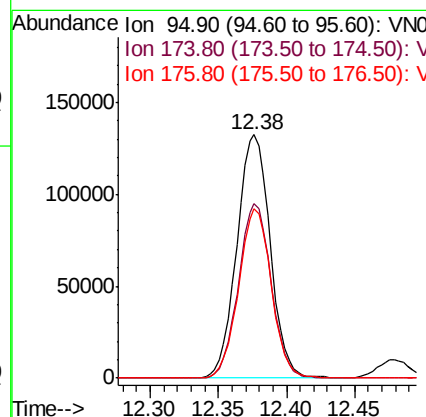
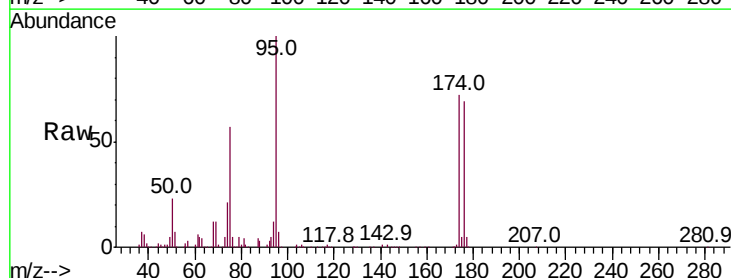
Delta R.T. -0.00 min

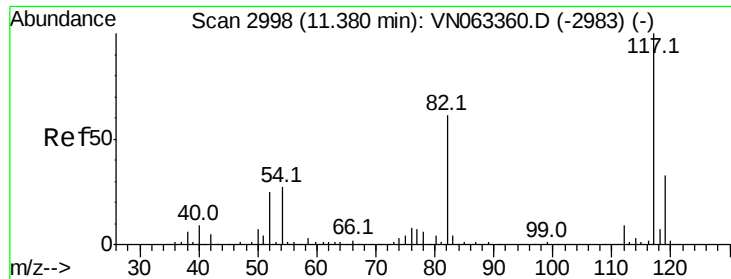
Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Tgt Ion: 95 Resp: 224509

Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	140.8
176	68.2	0.0	137.6

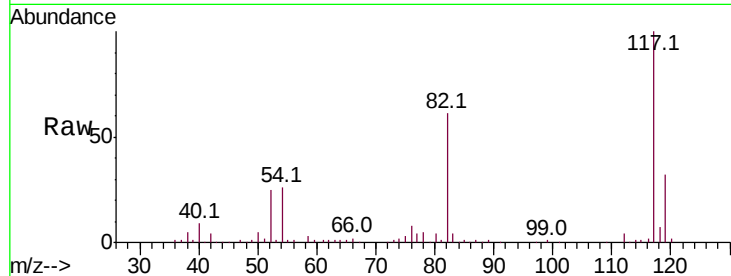




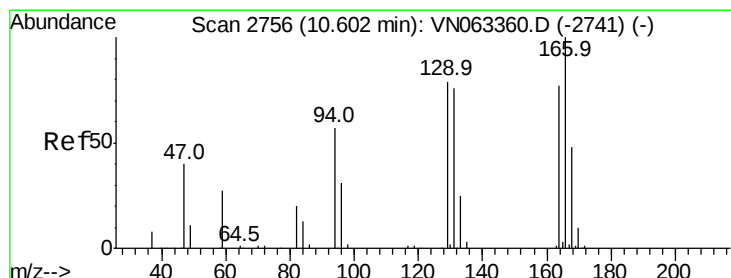
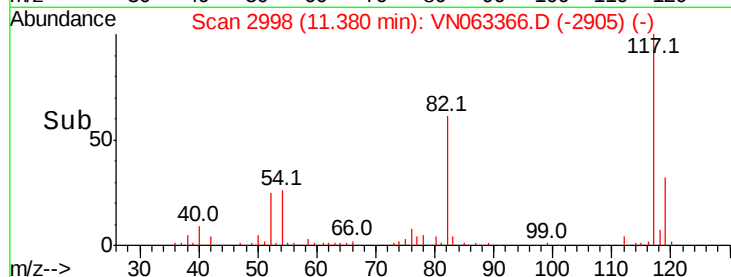
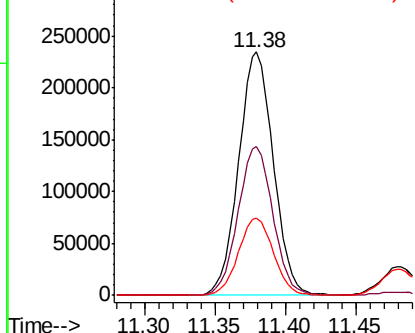
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Tot Ion:117 Resp: 405737
Ion Ratio Lower Upper
117 100
82 61.3 49.2 73.8
119 31.8 26.2 39.4



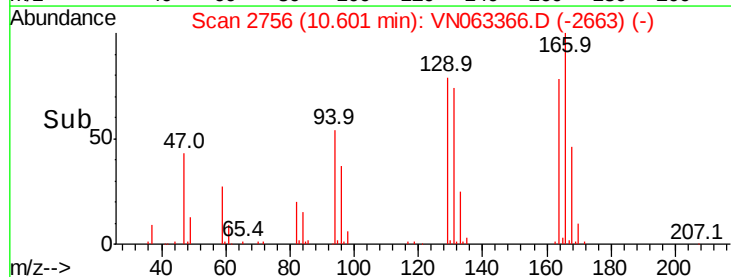
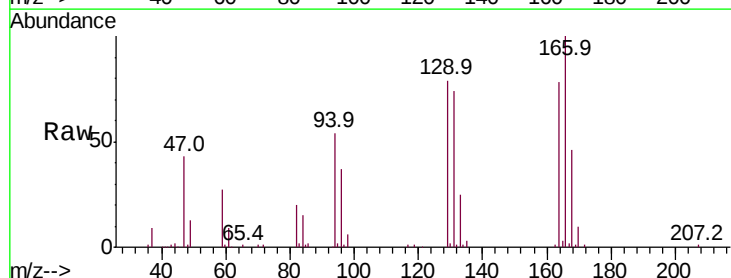
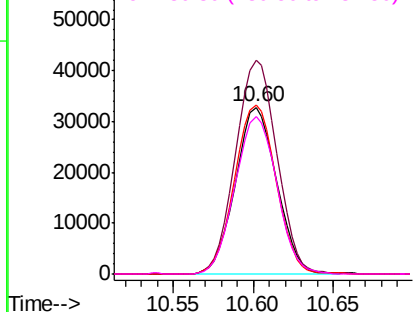
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

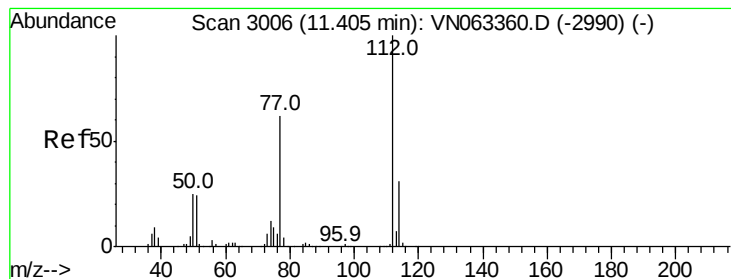


#64
Tetrachloroethene
Concen: 20.839 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Tgt Ion:164 Resp: 57573
Ion Ratio Lower Upper
164 100
166 128.3 103.4 155.0
129 101.7 81.8 122.6
131 94.6 78.2 117.4

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





#65

Chlorobenzene

Concen: 20.850 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

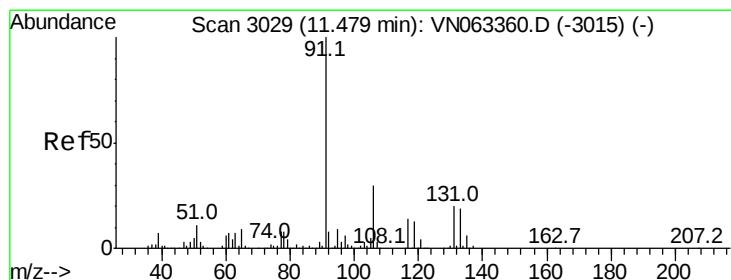
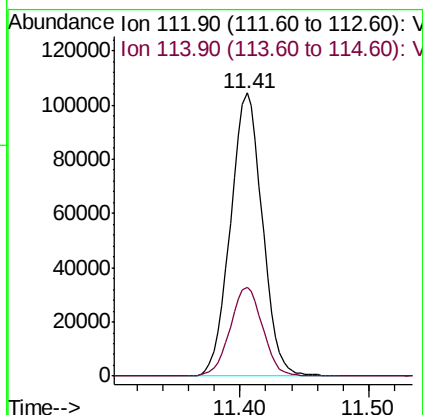
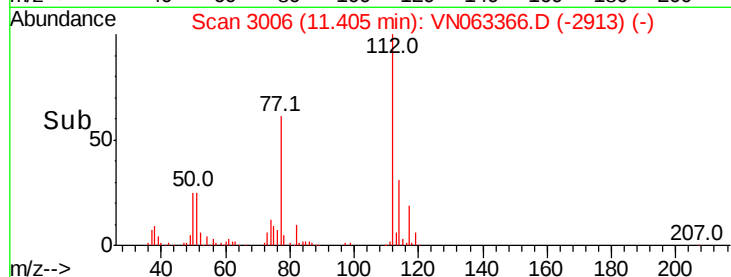
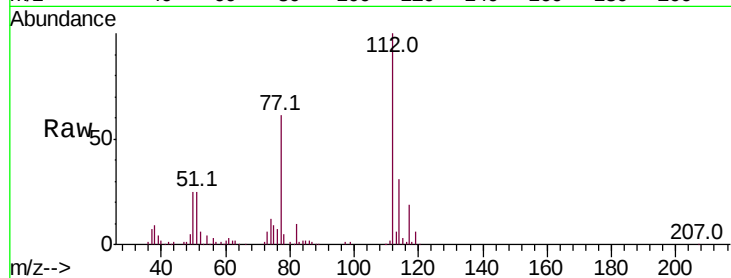
VN0916WBSD01

Tot Ion:112 Resp: 179577

Ion Ratio Lower Upper

112 100

114 31.3 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.416 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

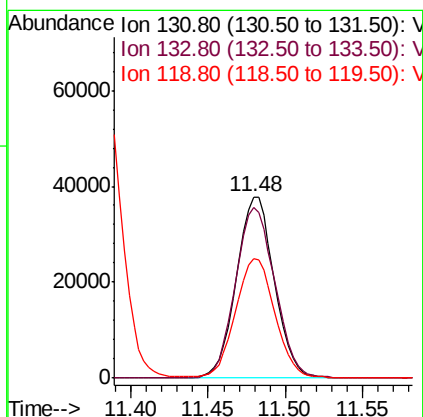
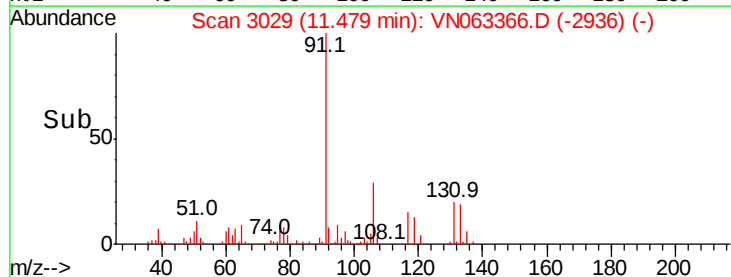
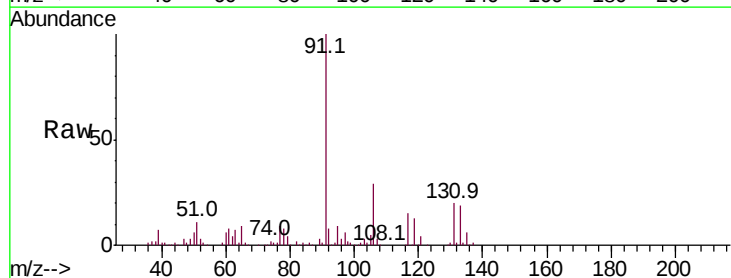
Tgt Ion:131 Resp: 64456

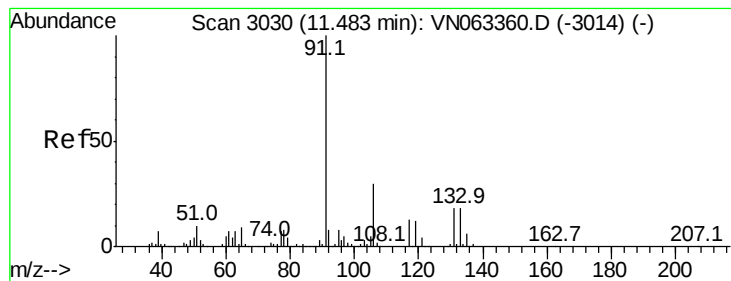
Ion Ratio Lower Upper

131 100

133 97.8 47.3 141.9

119 68.8 33.6 100.8





#67

Ethyl Benzene

Concen: 20.755 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

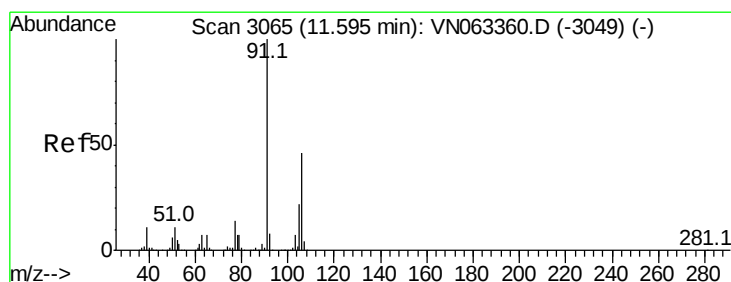
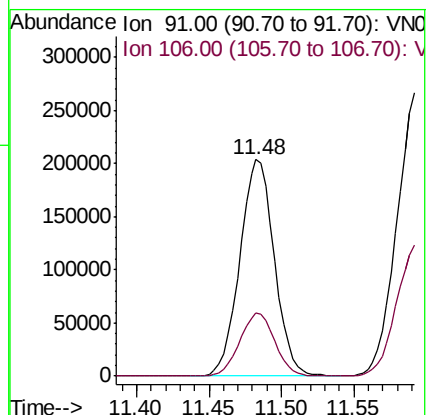
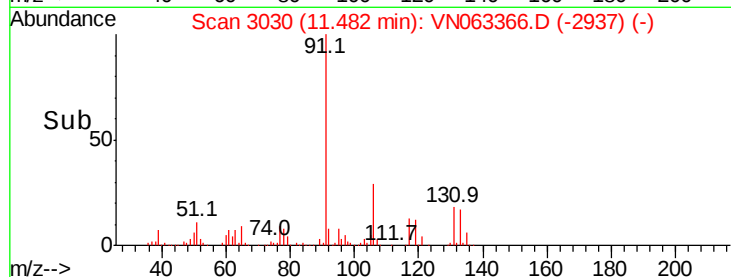
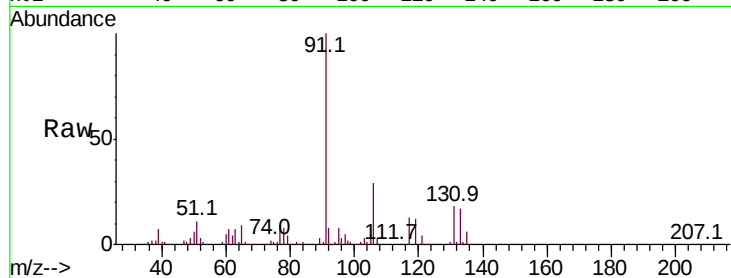
VN0916WBSD01

Tot Ion: 91 Resp: 336626

Ion Ratio Lower Upper

91 100

106 29.0 23.8 35.6



#68

m/p-Xylenes

Concen: 42.225 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063366.D

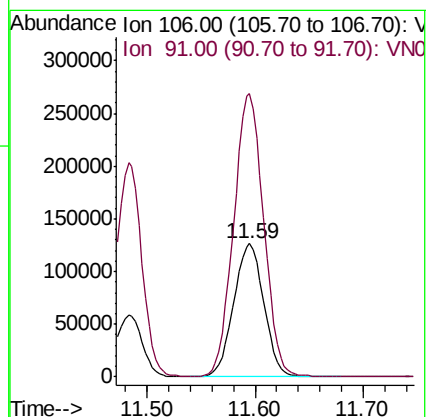
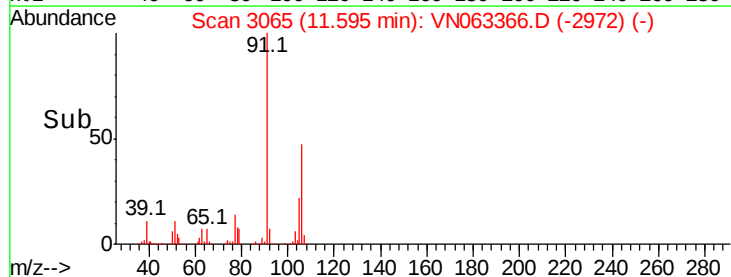
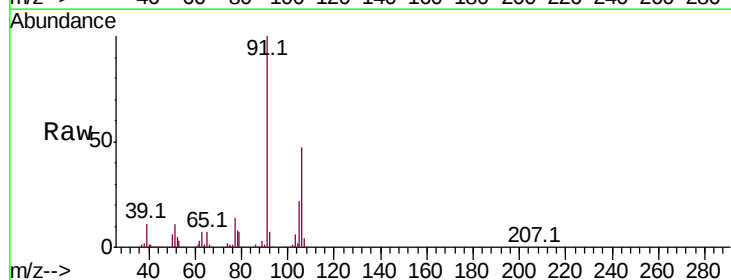
Acq: 16 Sep 2020 15:55

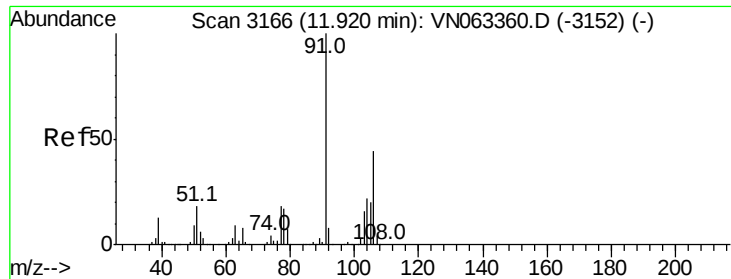
Tgt Ion: 106 Resp: 246928

Ion Ratio Lower Upper

106 100

91 209.5 171.2 256.8

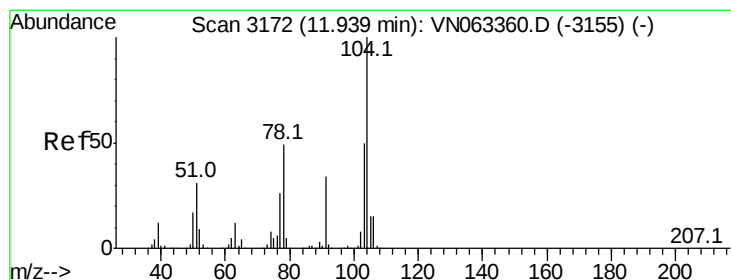
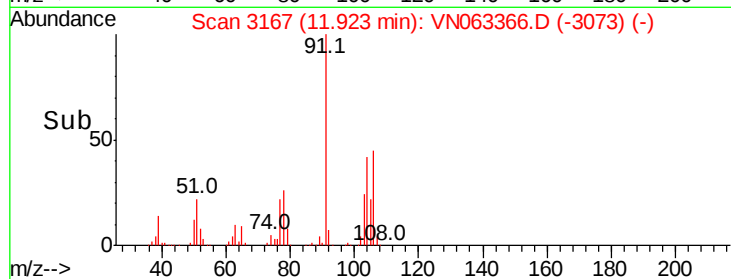
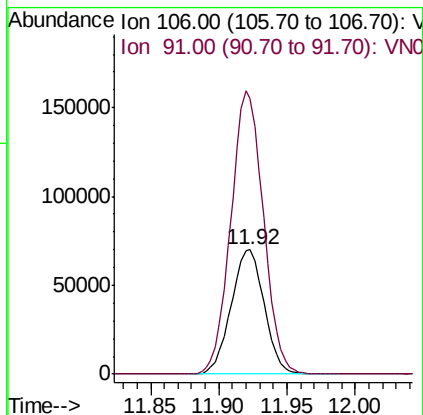
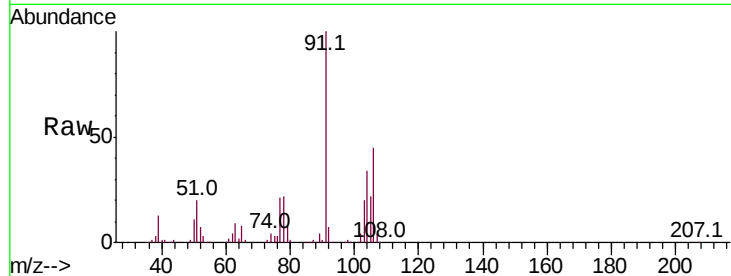




#69
o-Xylene
Concen: 21.156 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

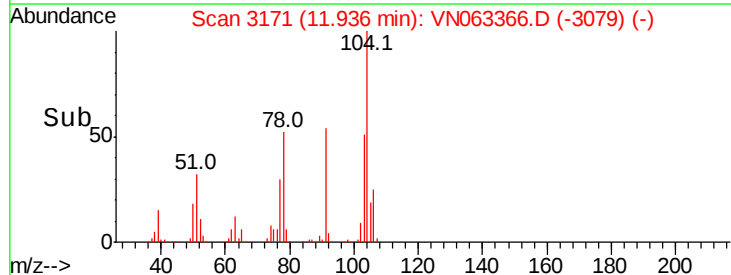
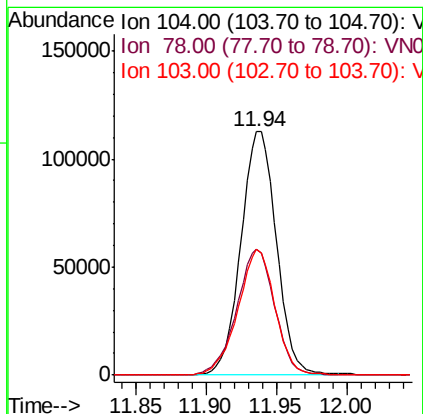
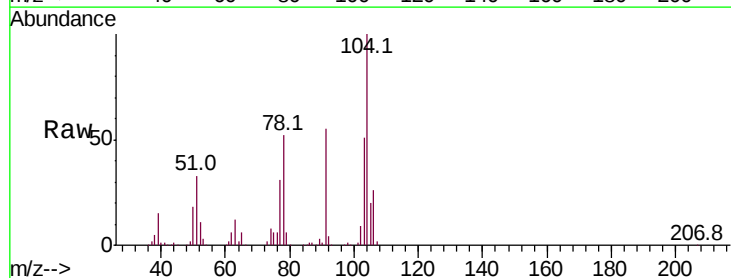
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

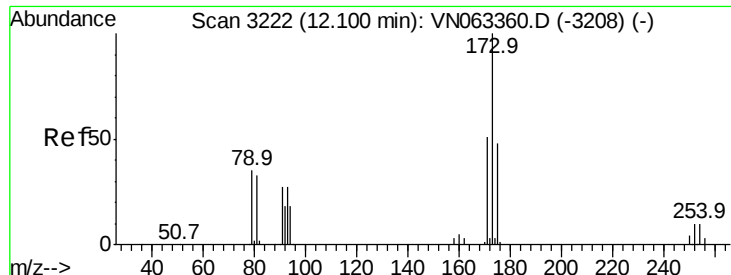
Tot Ion:106 Resp: 117856
Ion Ratio Lower Upper
106 100
91 224.3 113.6 340.8



#70
Styrene
Concen: 21.357 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Tgt Ion:104 Resp: 199520
Ion Ratio Lower Upper
104 100
78 55.4 44.4 66.6
103 53.9 43.7 65.5

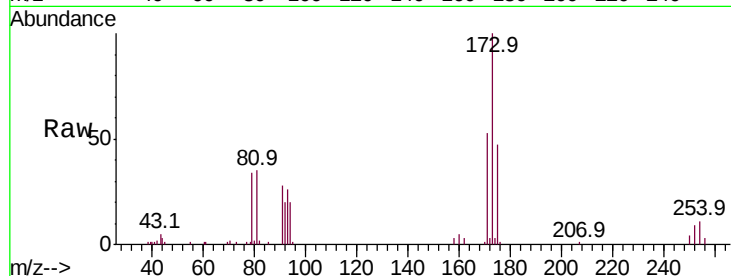




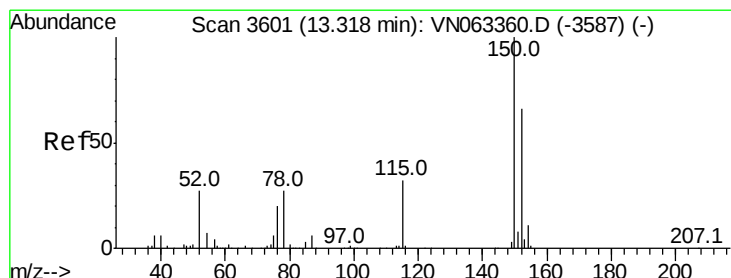
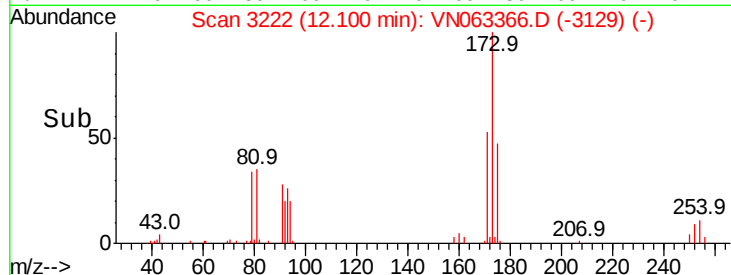
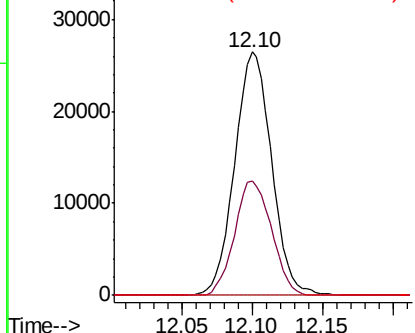
#71
Bromoform
Concen: 20.632 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Instrument :
MSVOA_N
ClientSampled :
VN0916WBSD01

Tot Ion:173 Resp: 48526
Ion Ratio Lower Upper
173 100
175 47.0 24.0 72.0
254 0.0 0.0 0.0

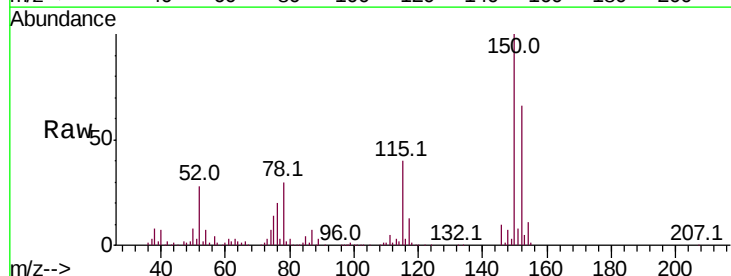


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

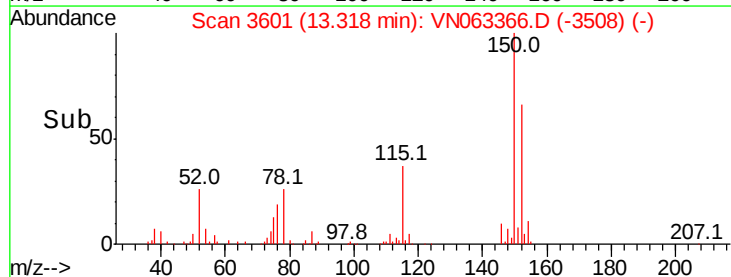
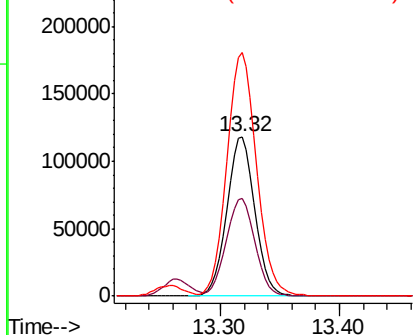


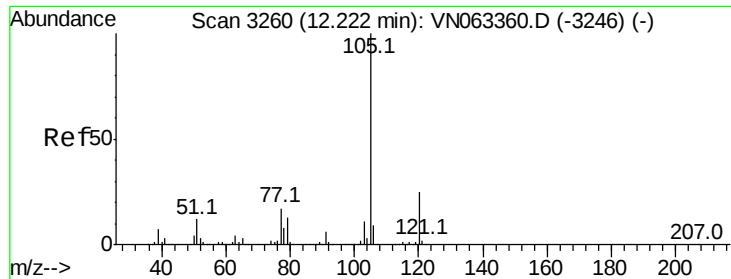
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Tgt Ion:152 Resp: 192446
Ion Ratio Lower Upper
152 100
115 63.1 32.2 96.6
150 161.2 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: 20.572 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

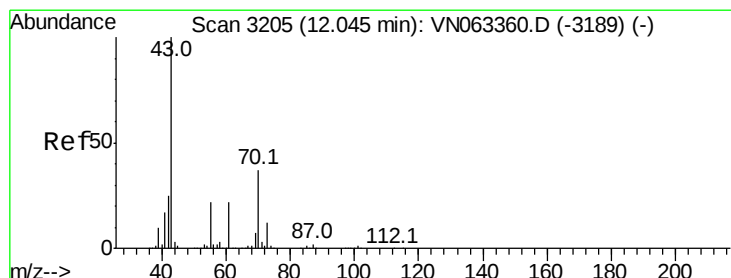
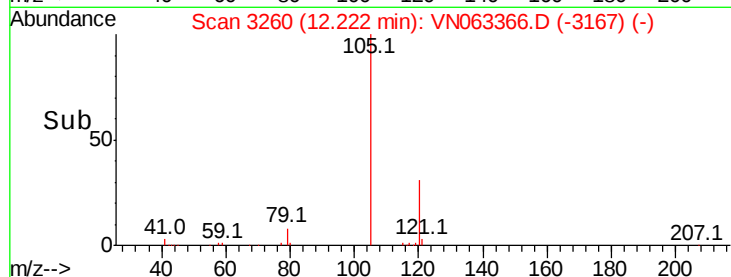
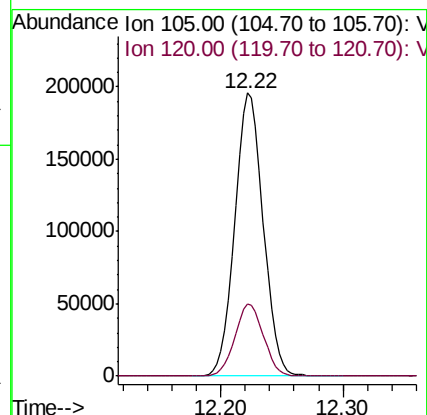
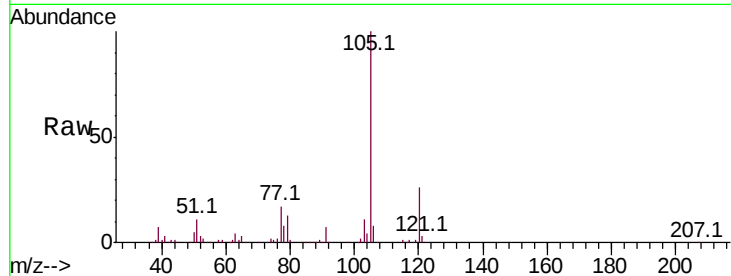
VN0916WBSD01

Tot Ion:105 Resp: 317245

Ion Ratio Lower Upper

105 100

120 25.7 12.7 38.0



#74

N-ethyl acetate

Concen: 19.777 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Tgt Ion: 43 Resp: 144377

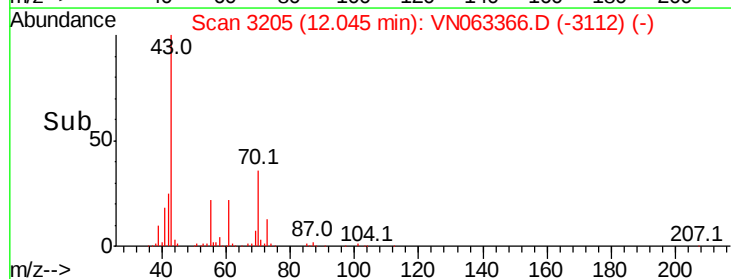
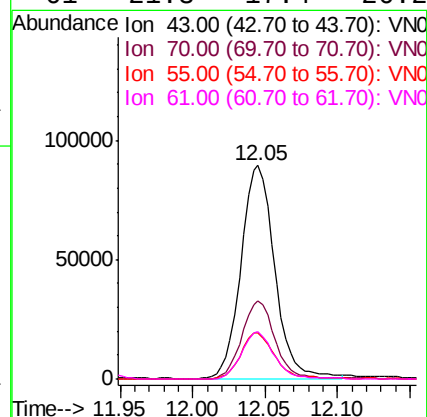
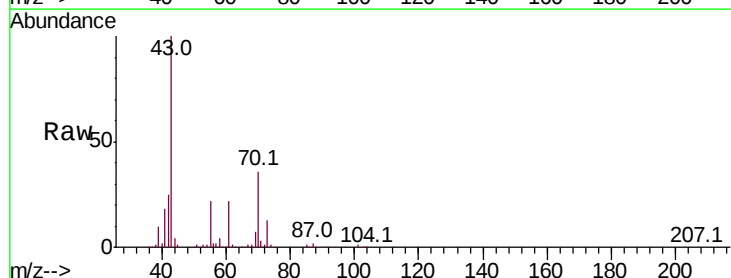
Ion Ratio Lower Upper

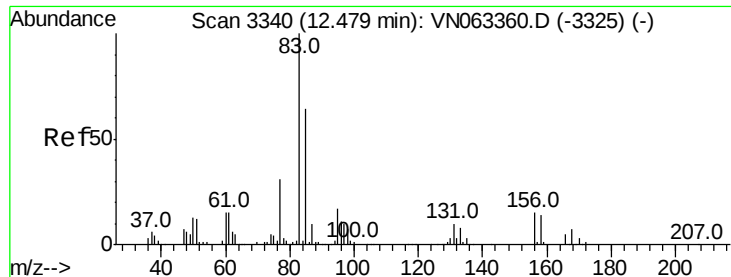
43 100

70 36.2 29.6 44.4

55 22.1 17.7 26.5

61 21.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.931 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

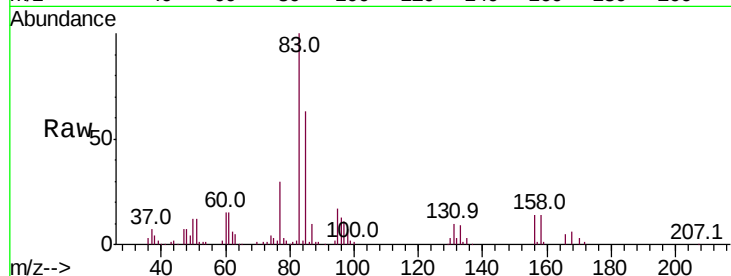
Tot Ion: 83 Resp: 95168

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

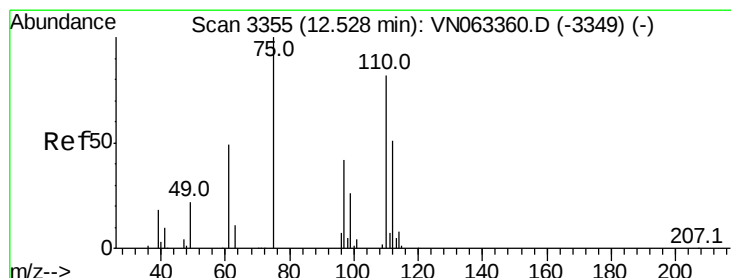
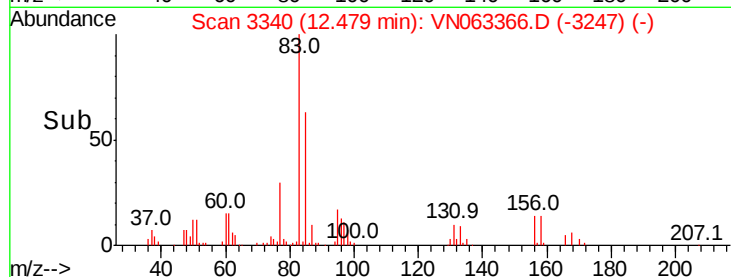
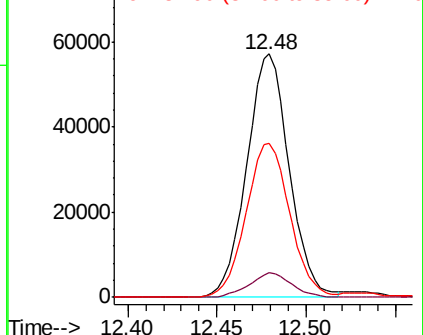
85 65.0 32.0 96.0



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: 27.363 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063366.D

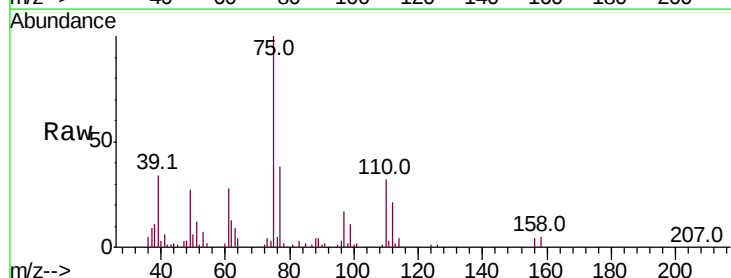
Acq: 16 Sep 2020 15:55

Tgt Ion: 75 Resp: 130338

Ion Ratio Lower Upper

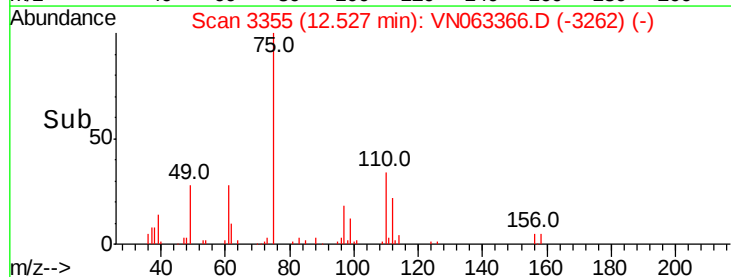
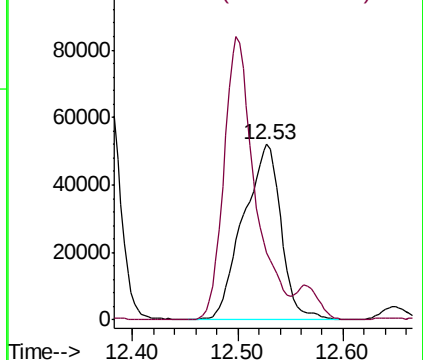
75 100

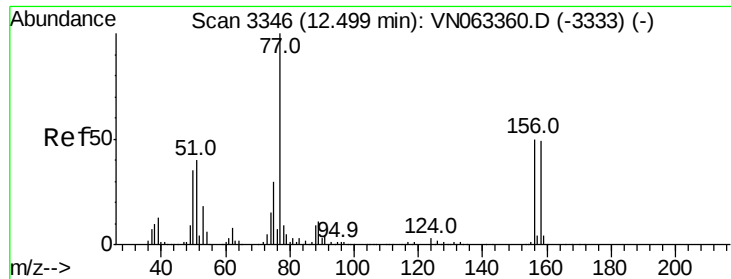
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.097 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampled :

VN0916WBSD01

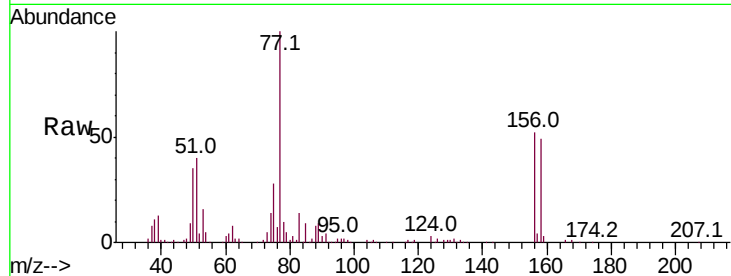
Tot Ion:156 Resp: 73184

Ion Ratio Lower Upper

156 100

77 234.3 120.2 360.6

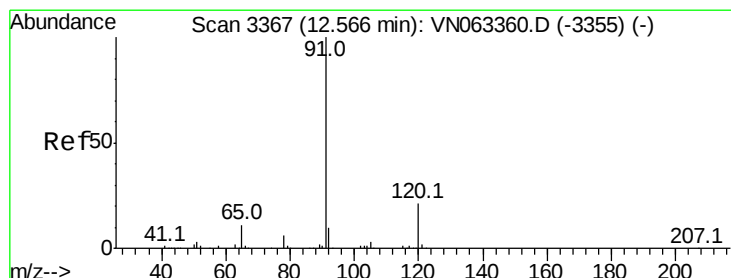
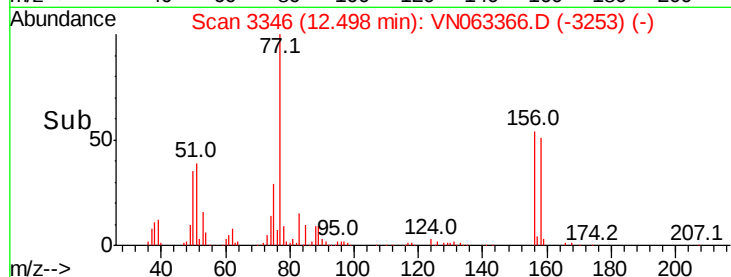
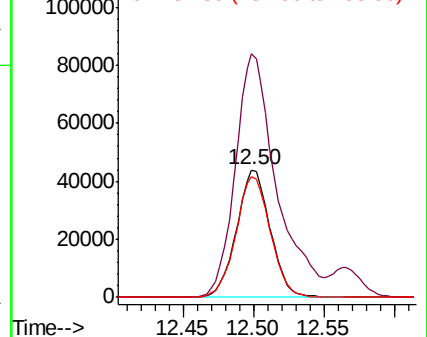
158 97.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.015 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063366.D

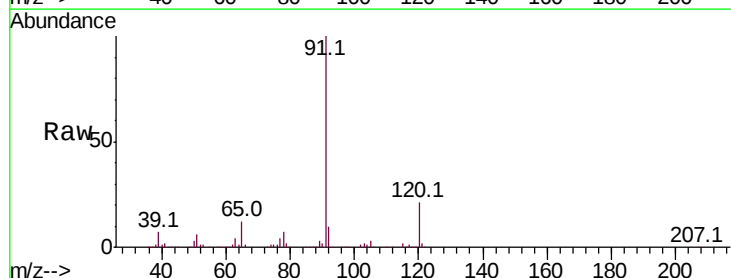
Acq: 16 Sep 2020 15:55

Tgt Ion: 91 Resp: 377466

Ion Ratio Lower Upper

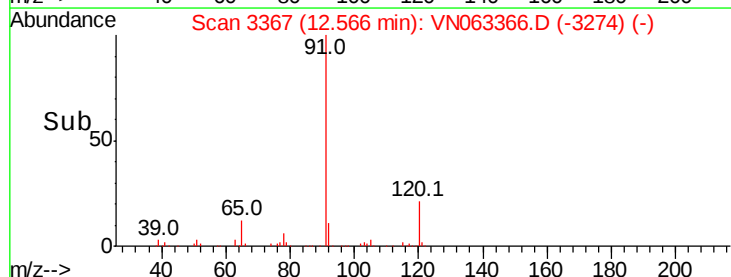
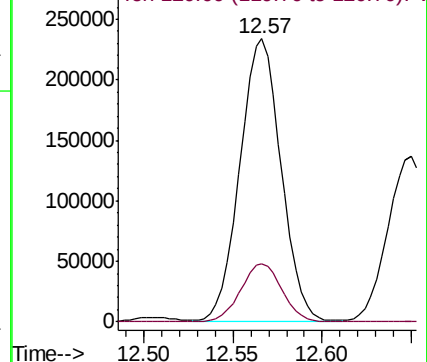
91 100

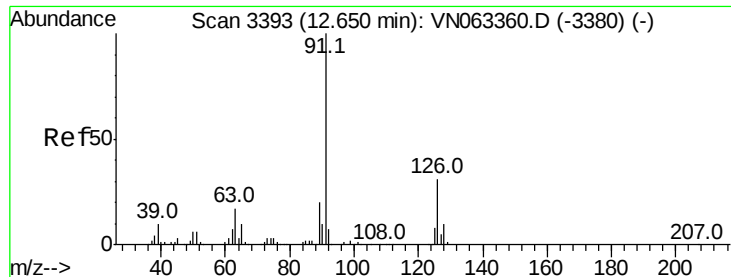
120 20.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

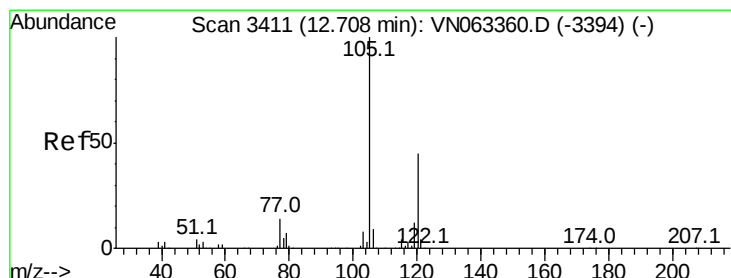
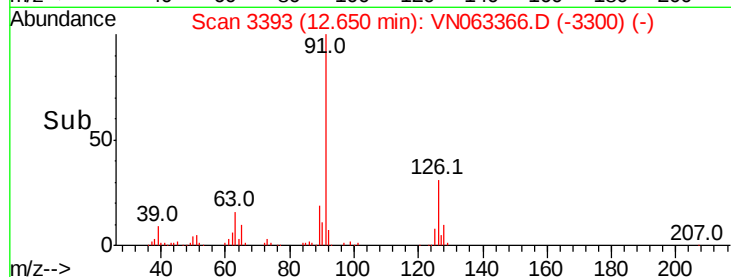
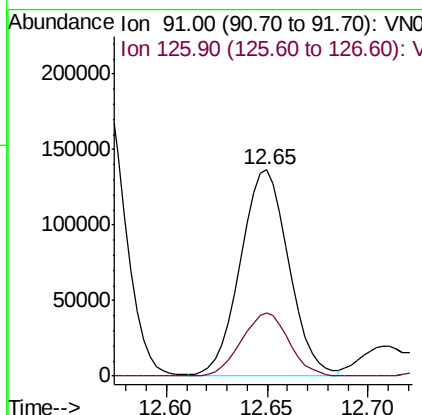
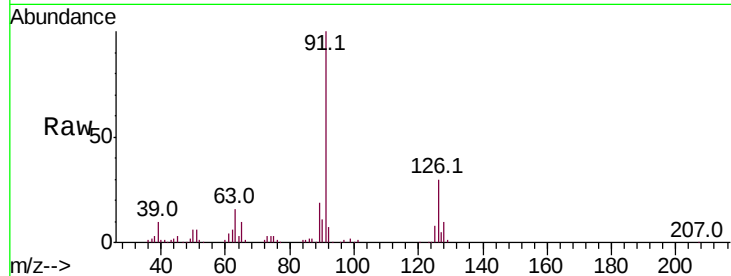




#79
 2-Chlorotoluene
 Concen: 21.300 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063366.D
 Acq: 16 Sep 2020 15:55

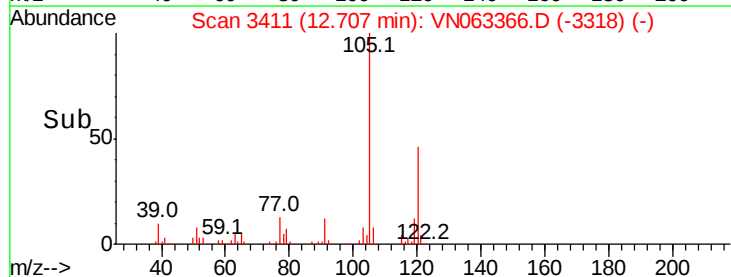
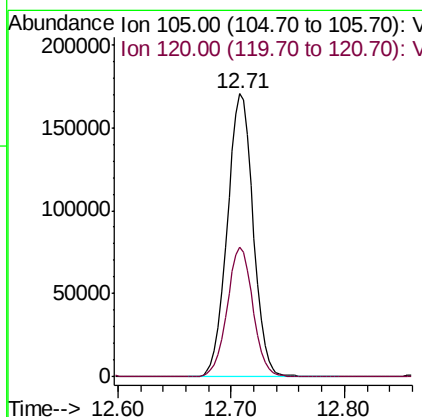
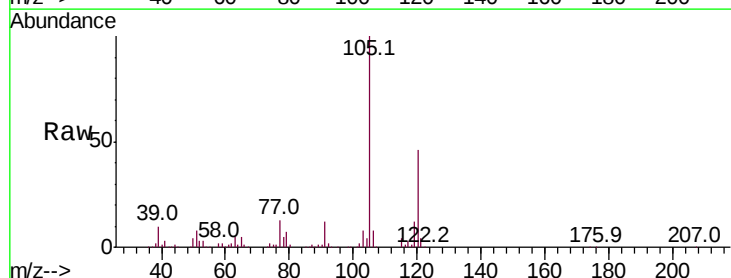
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD01

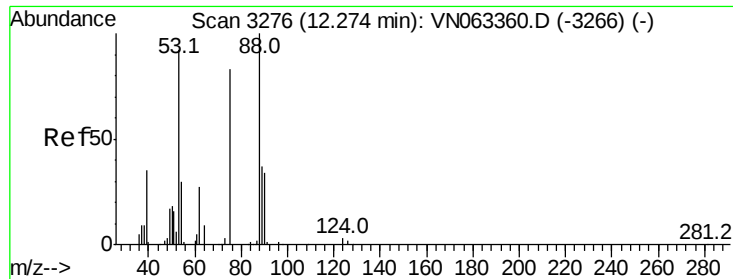
Tot Ion: 91 Resp: 229344
 Ion Ratio Lower Upper
 91 100
 126 30.2 15.8 47.3



#80
 1,3,5-Trimethylbenzene
 Concen: 21.080 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063366.D
 Acq: 16 Sep 2020 15:55

Tgt Ion: 105 Resp: 271080
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.358 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

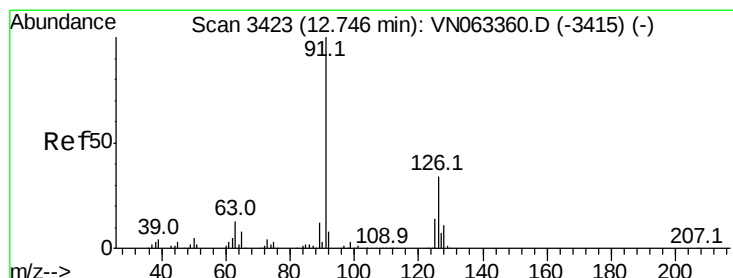
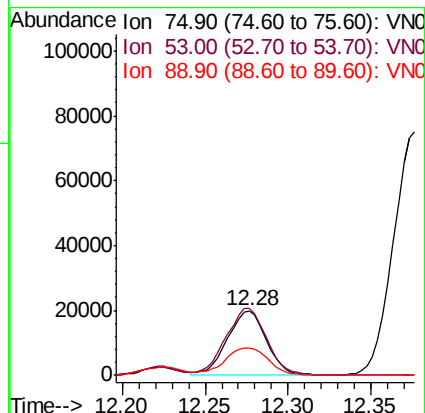
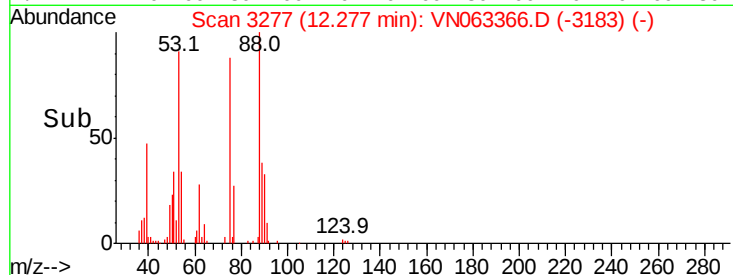
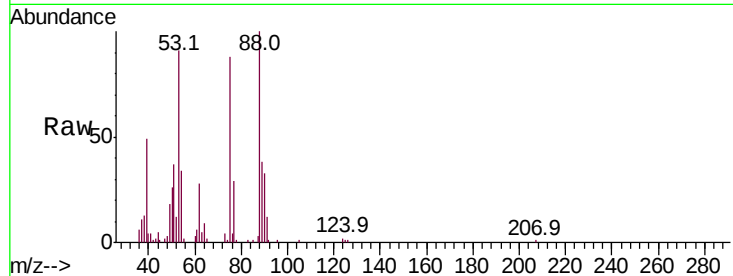
Tot Ion: 75 Resp: 31895

Ion Ratio Lower Upper

75 100

53 111.4 85.7 128.5

89 49.1 38.0 57.0



#82

4-Chlorotoluene

Concen: 20.250 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063366.D

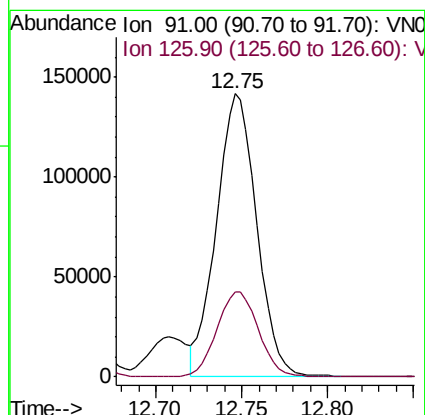
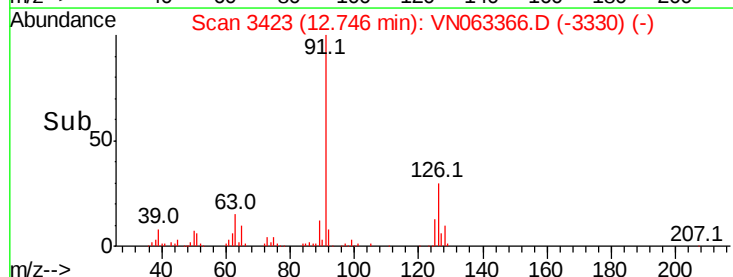
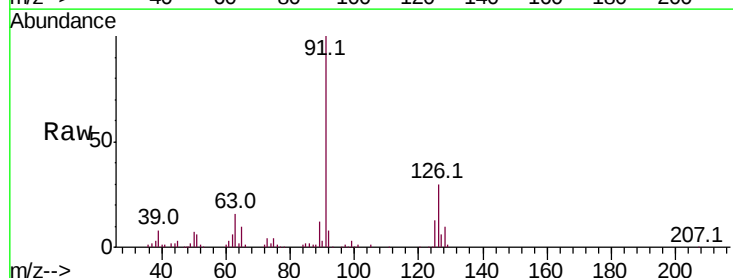
Acq: 16 Sep 2020 15:55

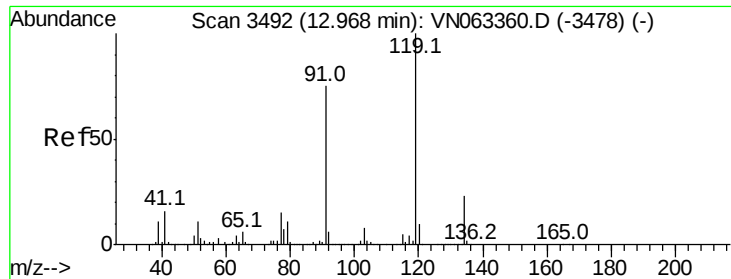
Tgt Ion: 91 Resp: 230376

Ion Ratio Lower Upper

91 100

126 31.3 15.5 46.5

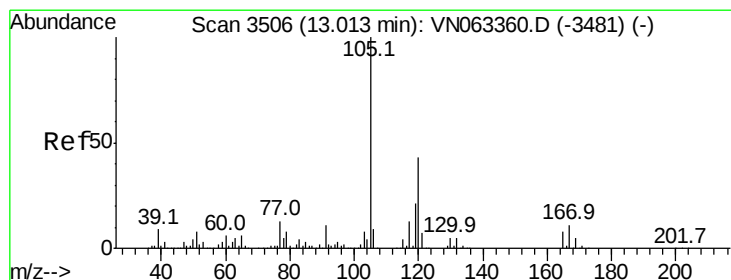
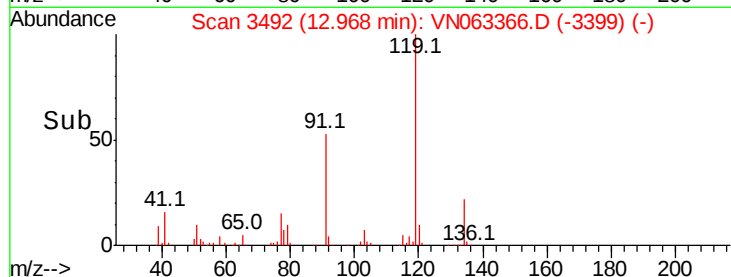
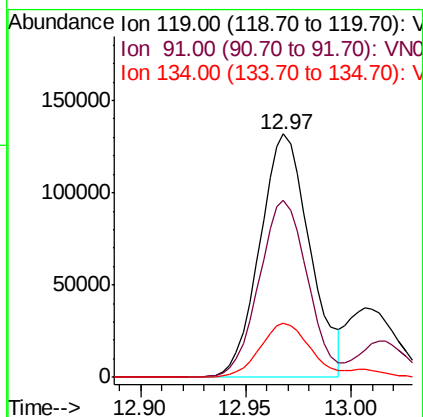
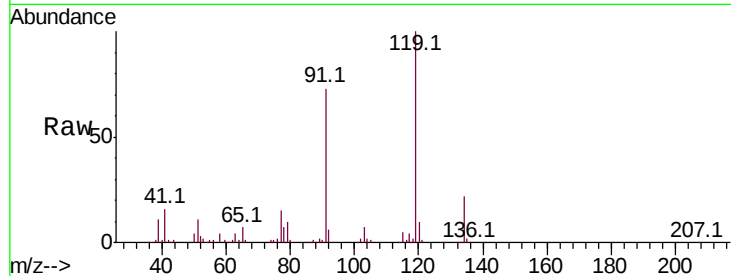




#83
tert-Butylbenzene
Concen: 20.535 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

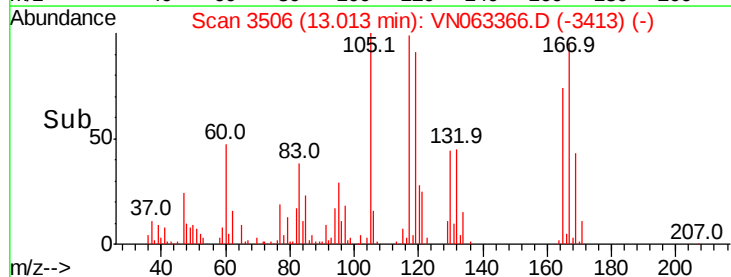
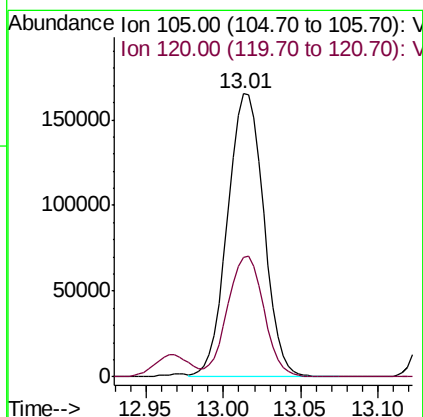
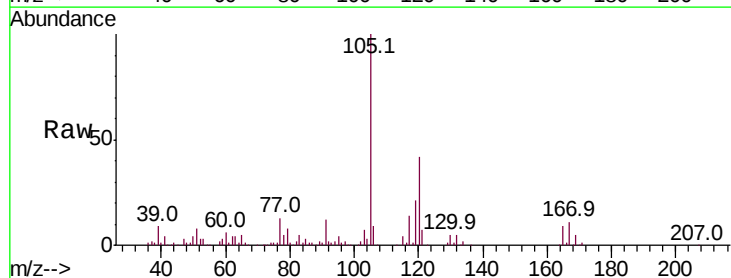
Instrument :
MSVOA_N
ClientSampled :
VN0916WBSD01

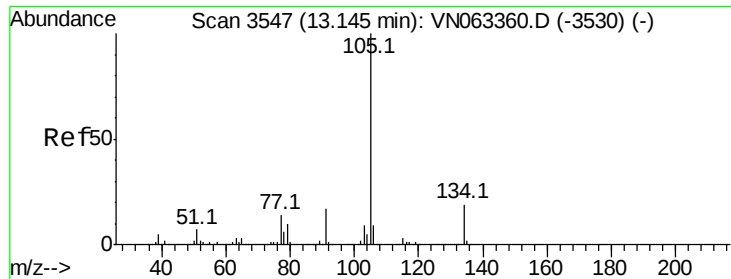
Tot Ion:119 Resp: 217948
Ion Ratio Lower Upper
119 100
91 71.1 36.3 108.9
134 22.4 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 20.602 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN063366.D
Acq: 16 Sep 2020 15:55

Tgt Ion:105 Resp: 267602
Ion Ratio Lower Upper
105 100
120 43.0 21.3 63.9

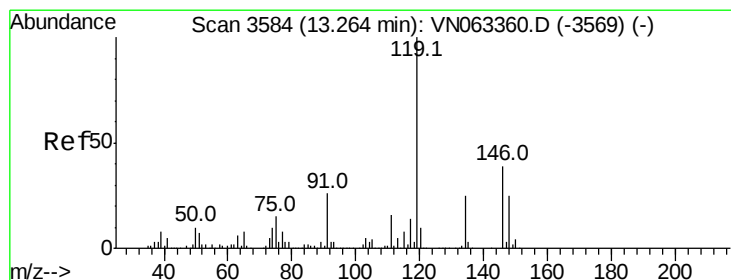
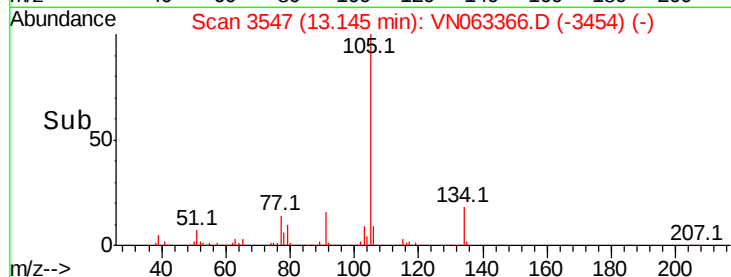
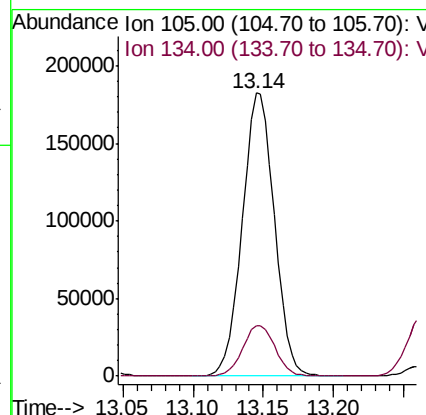
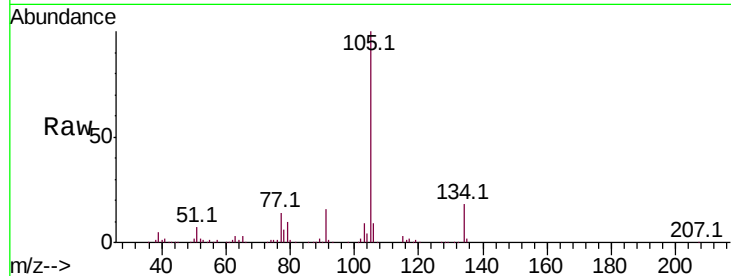




#85
 sec-Butylbenzene
 Concen: 20.447 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN063366.D
 Acq: 16 Sep 2020 15:55

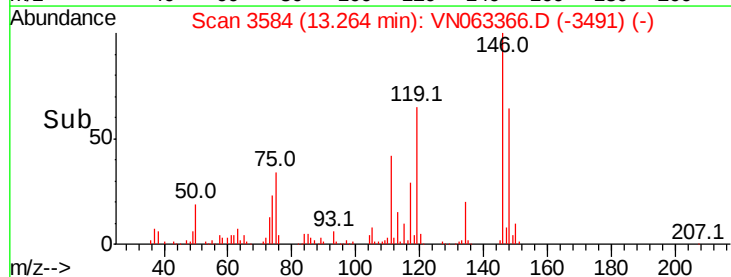
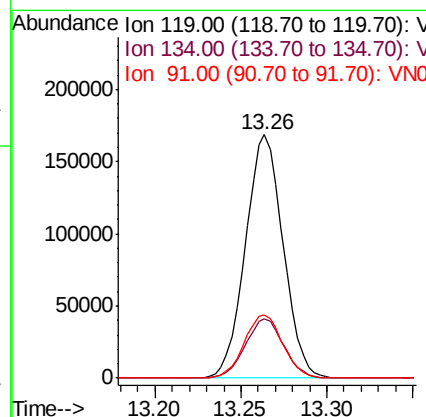
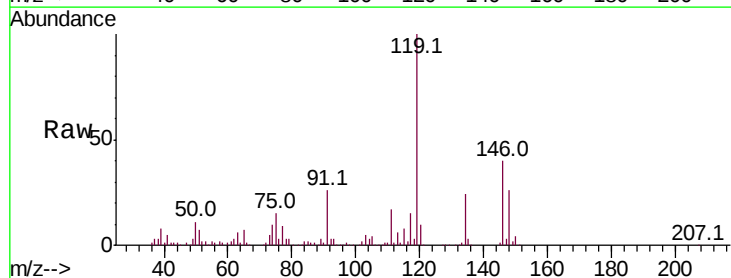
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD01

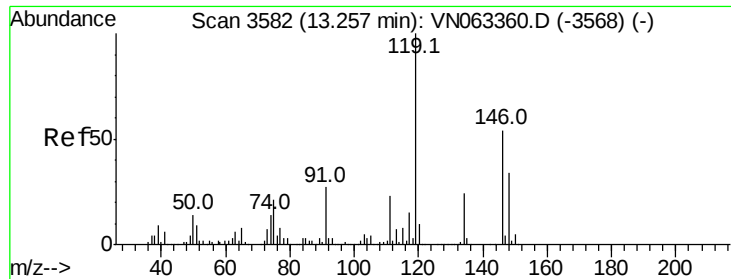
Tot Ion:105 Resp: 290495
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 20.494 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063366.D
 Acq: 16 Sep 2020 15:55

Tgt Ion:119 Resp: 256804
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 26.6 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 20.695 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

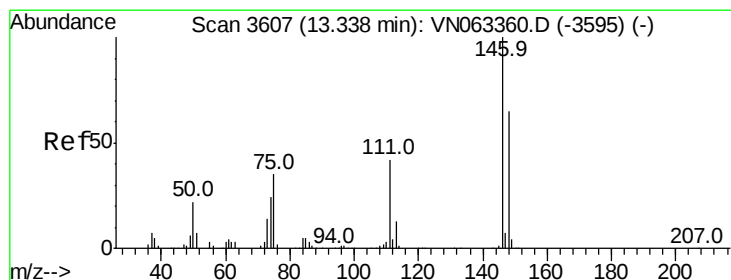
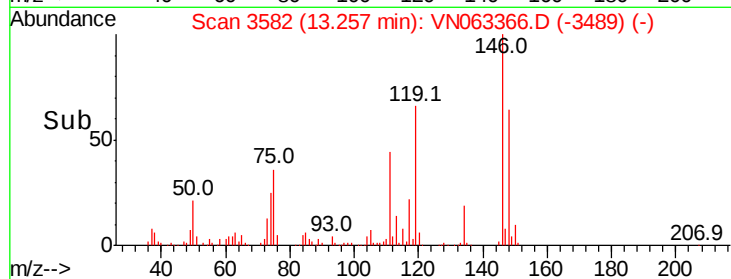
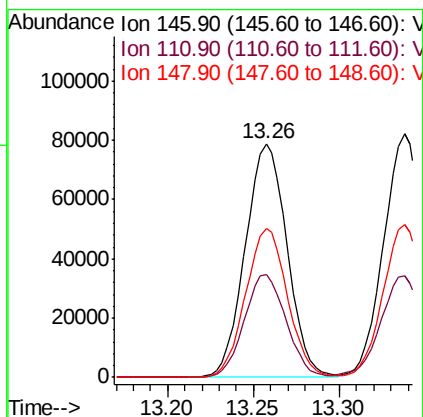
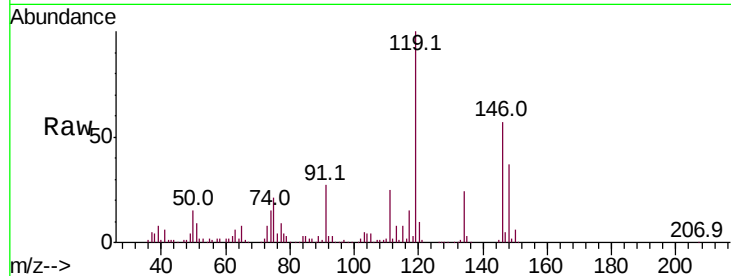
Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD01

Tot Ion:146 Resp: 133060

Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.4	64.3
148	63.8	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 20.580 ug/l

RT: 13.34 min Scan# 3607

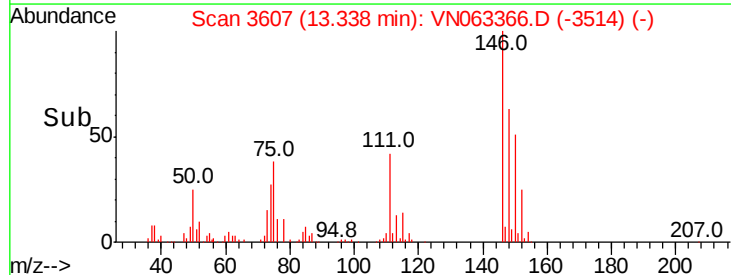
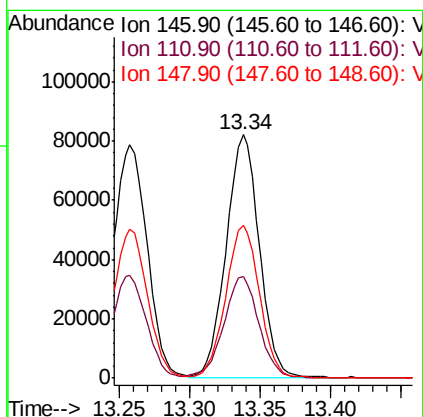
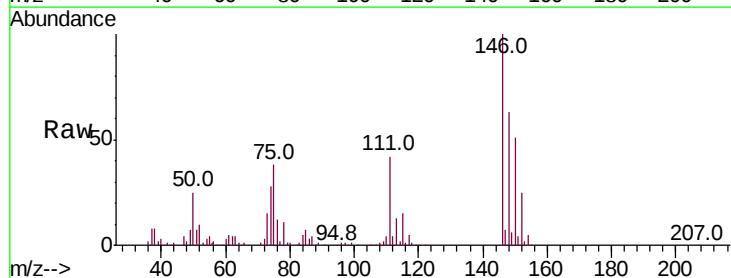
Delta R.T. -0.00 min

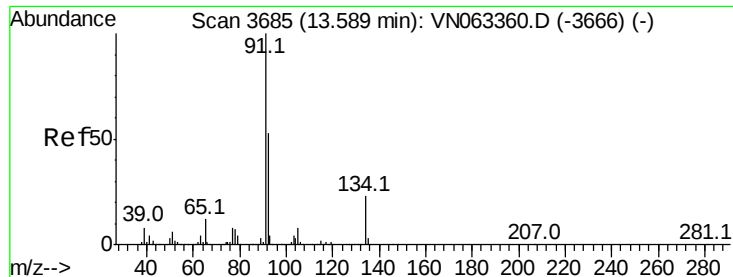
Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Tgt Ion:146 Resp: 134532

Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.2	63.6
148	64.6	31.9	95.9





#89

n-Butylbenzene

Concen: 20.670 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

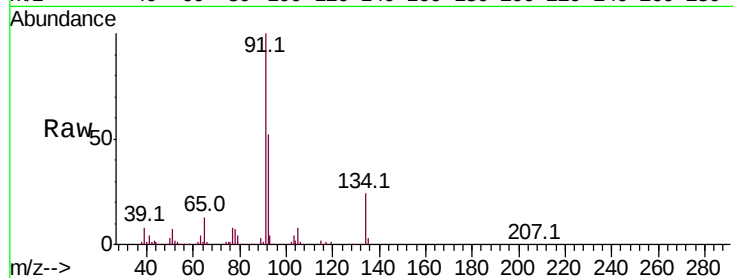
Tot Ion: 91 Resp: 238736

Ion Ratio Lower Upper

91 100

92 51.8 26.0 78.0

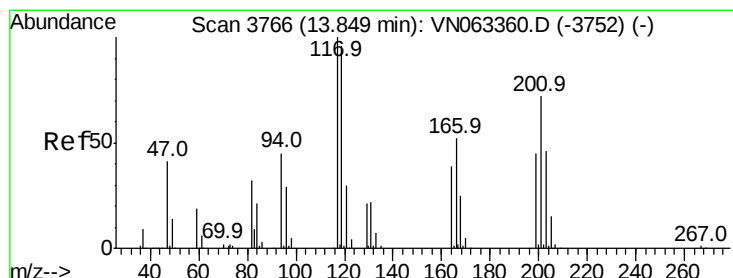
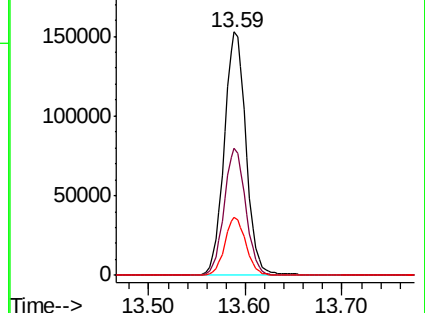
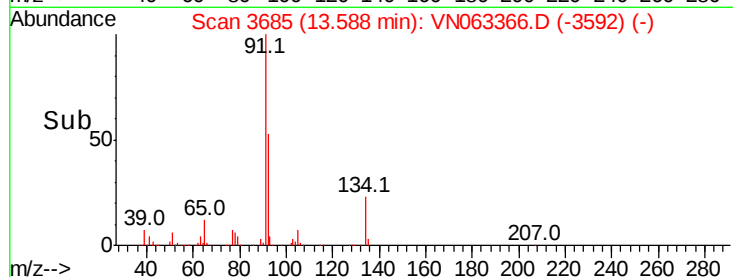
134 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063366.D (-3685) (-)

Ion 92.00 (91.70 to 92.70): VN063366.D (-3685) (-)

Ion 134.00 (133.70 to 134.70): VN063366.D (-3685) (-)



#90

Hexachloroethane

Concen: 19.958 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063366.D

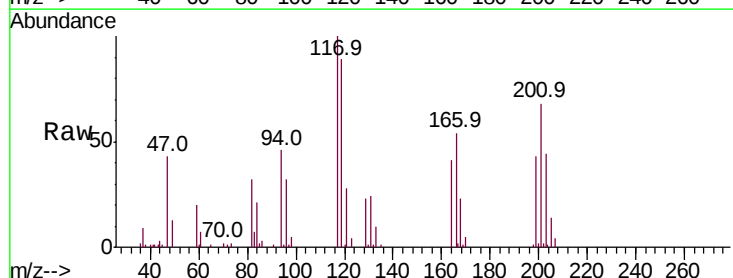
Acq: 16 Sep 2020 15:55

Tgt Ion: 117 Resp: 47621

Ion Ratio Lower Upper

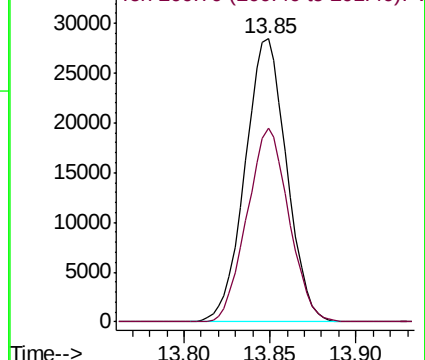
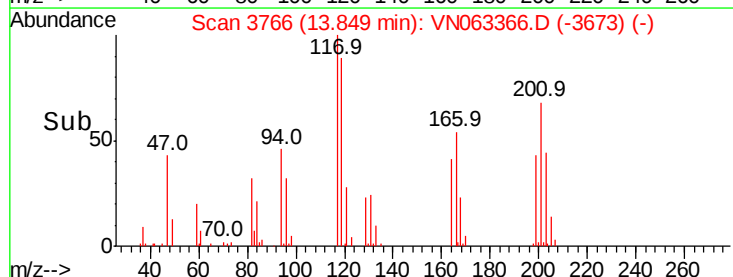
117 100

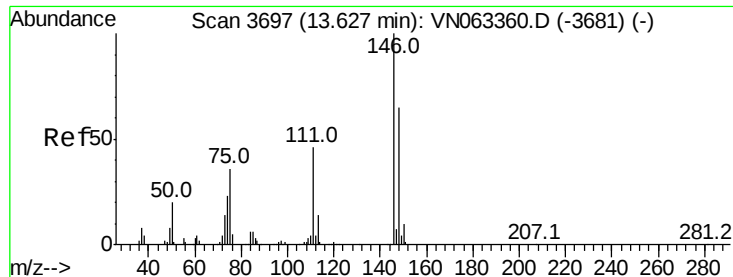
201 68.8 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063366.D (-3766) (-)

Ion 200.70 (200.40 to 201.40): VN063366.D (-3766) (-)





#91

1,2-Dichlorobenzene

Concen: 20.680 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

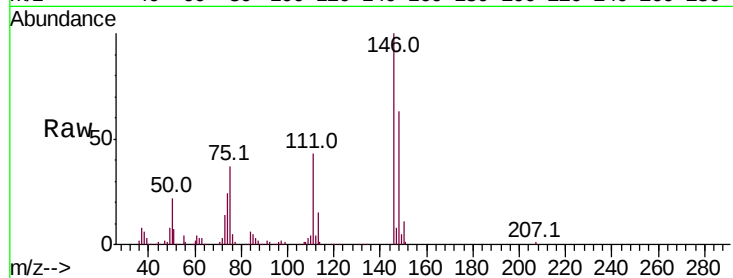
Tot Ion:146 Resp: 130542

Ion Ratio Lower Upper

146 100

111 44.8 22.4 67.2

148 64.2 32.0 96.0

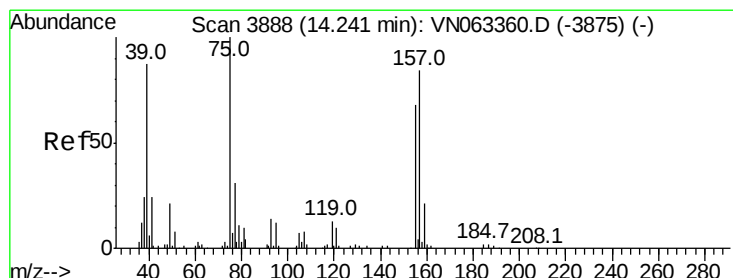
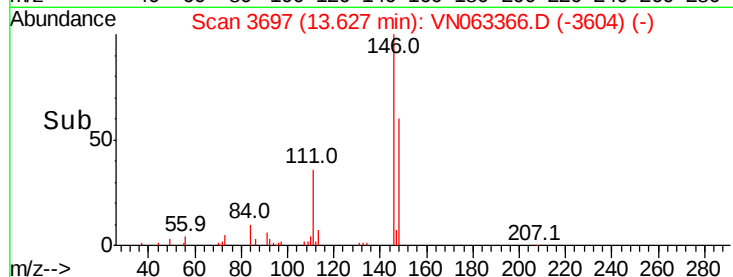
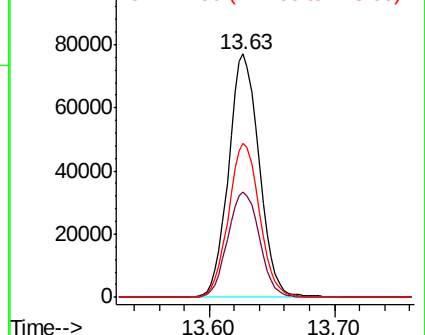


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.484 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

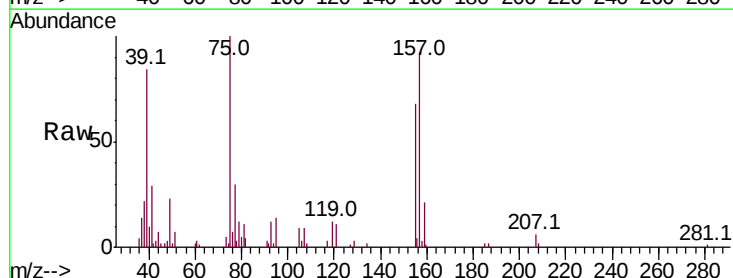
Tgt Ion: 75 Resp: 21017

Ion Ratio Lower Upper

75 100

155 68.8 34.6 103.9

157 86.9 43.7 131.1

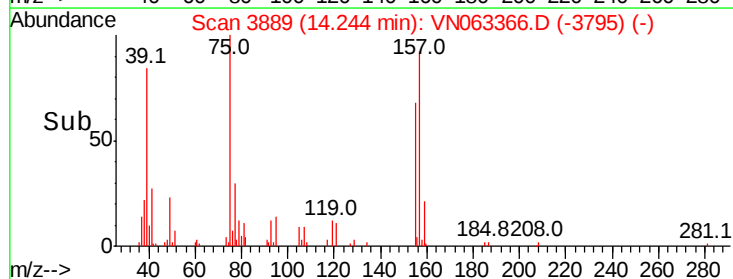
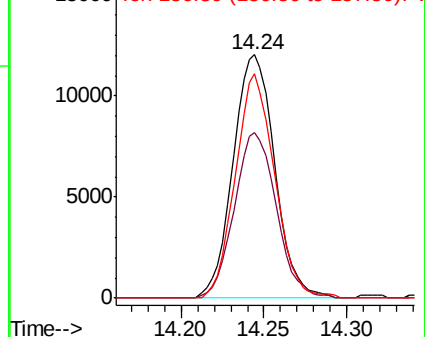


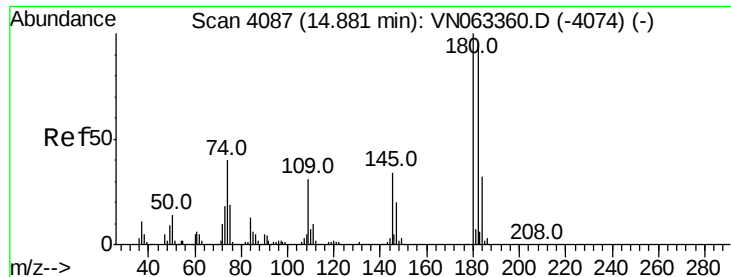
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

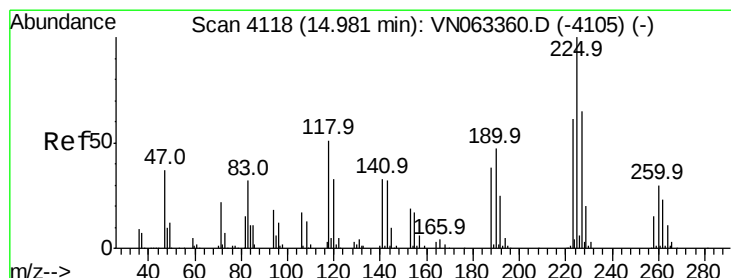
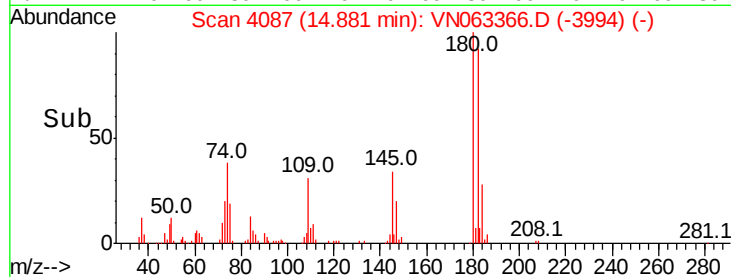
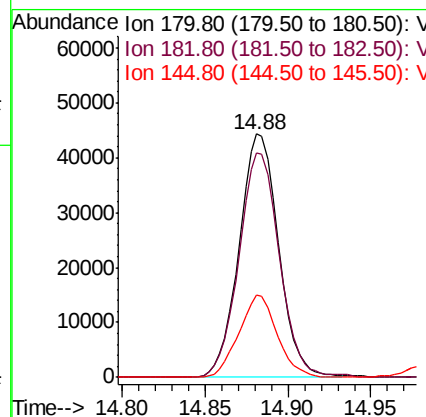
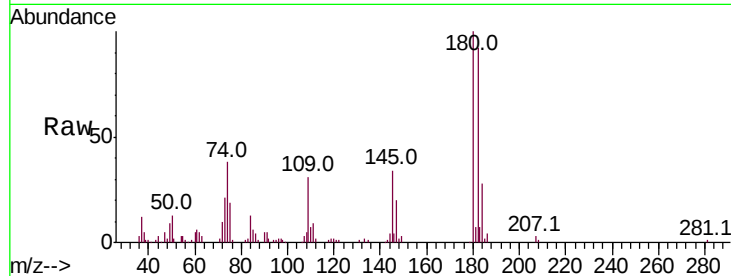




#93
 1,2,4-Trichlorobenzene
 Concen: 19.663 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063366.D
 Acq: 16 Sep 2020 15:55

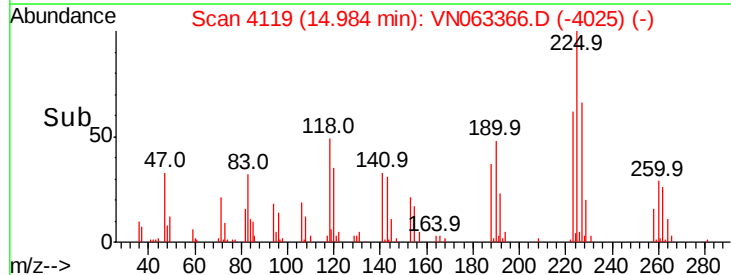
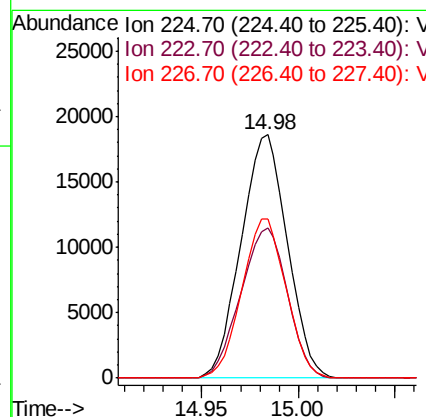
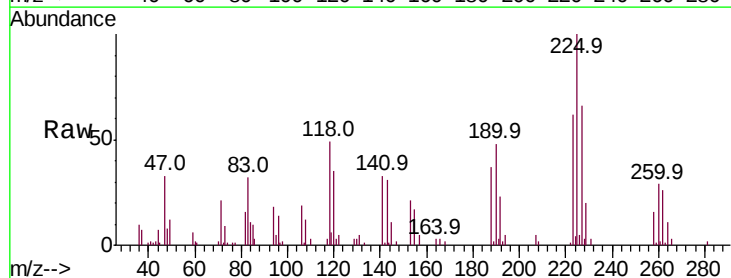
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD01

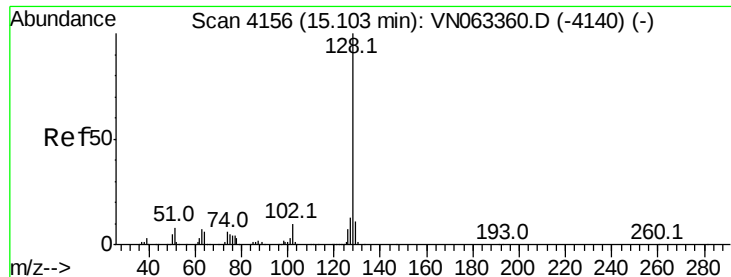
Tot Ion:180 Resp: 73175
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 142.0
 145 32.8 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 20.116 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063366.D
 Acq: 16 Sep 2020 15:55

Tgt Ion:225 Resp: 30992
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.6 91.6
 227 62.6 31.2 93.6





#95

Naphthalene

Concen: 19.412 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD01

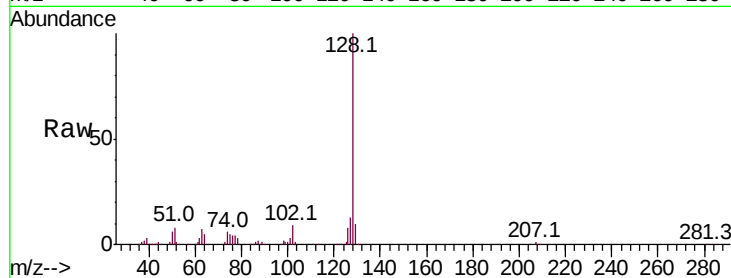
Tot Ion:128 Resp: 238670

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

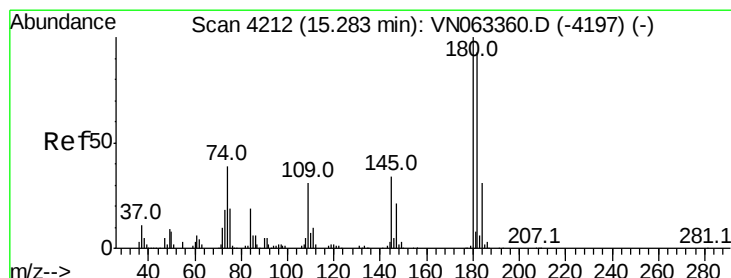
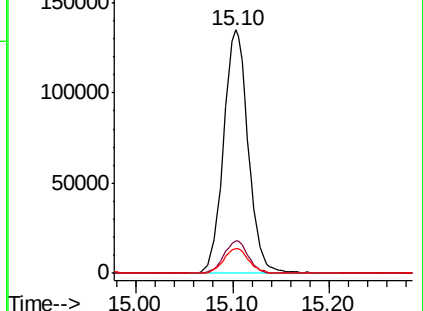
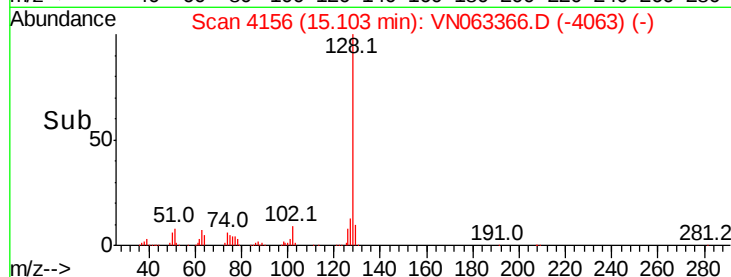
129 10.4 8.8 13.2



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: 19.728 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063366.D

Acq: 16 Sep 2020 15:55

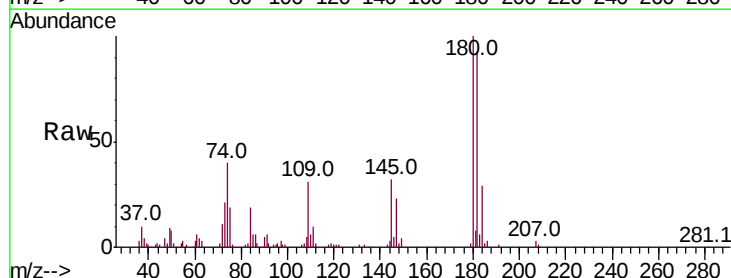
Tgt Ion:180 Resp: 70935

Ion Ratio Lower Upper

180 100

182 93.3 46.7 140.1

145 32.5 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

