

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063384.D
 Acq On : 16 Sep 2020 23:52
 Operator : JC/MD
 Sample : VN0916WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD02

Quant Time: Sep 17 04:46:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	269845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	482921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	438257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	220783	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
35) Dibromofluoromethane	7.55	113	153076	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
50) Toluene-d8	10.06	98	590930	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
62) 4-Bromofluorobenzene	12.38	95	216911	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	57126	18.686	ug/l	99
3) Chloromethane	2.04	50	70088	17.330	ug/l	97
4) Vinyl Chloride	2.16	62	68347	19.075	ug/l	99
5) Bromomethane	2.54	94	42452	19.955	ug/l	98
6) Chloroethane	2.68	64	39749	18.072	ug/l	96
7) Trichlorofluoromethane	2.99	101	100267	18.756	ug/l	95
8) Diethyl Ether	3.38	74	37815	18.145	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	54694	18.192	ug/l	98
10) Methyl Iodide	3.91	142	71010	18.142	ug/l	99
11) Tert butyl alcohol	4.73	59	53957	84.790	ug/l	98
12) 1,1-Dichloroethene	3.70	96	54776	17.988	ug/l	100
13) Acrolein	3.57	56	32962	139.773	ug/l	98
14) Allyl chloride	4.28	41	107138	17.787	ug/l	98
15) Acrylonitrile	4.93	53	145782	90.062	ug/l	99
16) Acetone	3.77	43	134336	90.997	ug/l	99
17) Carbon Disulfide	4.02	76	158259	17.867	ug/l	99
18) Methyl Acetate	4.28	43	69143	18.449	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	203613	17.940	ug/l	100
20) Methylene Chloride	4.50	84	66540	17.790	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	60308	17.875	ug/l	95
22) Diisopropyl ether	5.90	45	226092	18.405	ug/l	93
23) Vinyl Acetate	5.84	43	924098	91.595	ug/l	99
24) 1,1-Dichloroethane	5.80	63	124075	18.500	ug/l	97
25) 2-Butanone	6.78	43	200199	88.175	ug/l	100
26) 2,2-Dichloropropane	6.78	77	88170	14.931	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	71867	18.820	ug/l	96
28) Bromochloromethane	7.15	49	59821	19.317	ug/l	97
29) Tetrahydrofuran	7.17	42	136034	87.726	ug/l	98
30) Chloroform	7.33	83	120597	17.922	ug/l	100
31) Cyclohexane	7.62	56	112268	17.696	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	106685	17.826	ug/l	98
36) 1,1-Dichloropropene	7.75	75	92273	17.935	ug/l	99
37) Ethyl Acetate	6.88	43	88588	17.544	ug/l	100
38) Carbon Tetrachloride	7.74	117	92051	17.527	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	96261	17.239	ug/l	100
40) Benzene	8.00	78	263999	17.976	ug/l	100
41) Methacrylonitrile	7.16	41	127101	55.966	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	104735	17.733	ug/l	99
43) Isopropyl Acetate	8.13	43	154077	17.065	ug/l #	90
44) Trichloroethene	8.80	130	63792	17.908	ug/l	100
45) 1,2-Dichloropropane	9.08	63	72000	18.000	ug/l	98
46) Dibromomethane	9.18	93	47694	18.141	ug/l	99
47) Bromodichloromethane	9.37	83	97801	17.907	ug/l	93
48) Methyl methacrylate	9.17	41	76400	17.223	ug/l	99
49) 1,4-Dioxane	9.17	88	21751	341.681	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	450799	89.184	ug/l	98
52) Toluene	10.13	92	162519	18.405	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	105736	17.341	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	112709	17.524	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	65094	18.559	ug/l	98
56) Ethyl methacrylate	10.40	69	95268	17.399	ug/l	98
57) 1,3-Dichloropropane	10.68	76	109779	17.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	256339	89.246	ug/l	100
59) 2-Hexanone	10.72	43	318216	86.897	ug/l	99
60) Dibromochloromethane	10.87	129	69429	17.522	ug/l	99
61) 1,2-Dibromoethane	10.98	107	63608	17.456	ug/l	98
64) Tetrachloroethene	10.60	164	54159	18.149	ug/l	98
65) Chlorobenzene	11.41	112	173378	18.637	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	62788	18.412	ug/l	98
67) Ethyl Benzene	11.48	91	317460	18.121	ug/l	100
68) m/p-Xylenes	11.60	106	229181	36.282	ug/l	98
69) o-Xylene	11.92	106	110800	18.414	ug/l	98
70) Styrene	11.94	104	184880	18.322	ug/l	98
71) Bromoform	12.10	173	44743	17.612	ug/l #	99
73) Isopropylbenzene	12.23	105	299766	18.881	ug/l	100
74) N-amyl acetate	12.05	43	135529	18.033	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	90585	18.427	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	123611	25.207	ug/l #	100
77) Bromobenzene	12.50	156	70484	19.736	ug/l	94
78) n-propylbenzene	12.57	91	343642	18.584	ug/l	100
79) 2-Chlorotoluene	12.65	91	212654	19.184	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	252075	19.040	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	29445	16.462	ug/l	98
82) 4-Chlorotoluene	12.75	91	218843	18.685	ug/l	100
83) tert-Butylbenzene	12.97	119	207766	19.015	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	251916	18.838	ug/l	99
85) sec-Butylbenzene	13.14	105	272470	18.629	ug/l	100
86) p-Isopropyltoluene	13.26	119	242146	18.770	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	121632	18.375	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	125376	18.630	ug/l	99
89) n-Butylbenzene	13.59	91	215441	18.118	ug/l	99
90) Hexachloroethane	13.85	117	44357	18.057	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	123749	19.042	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20555	17.559	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

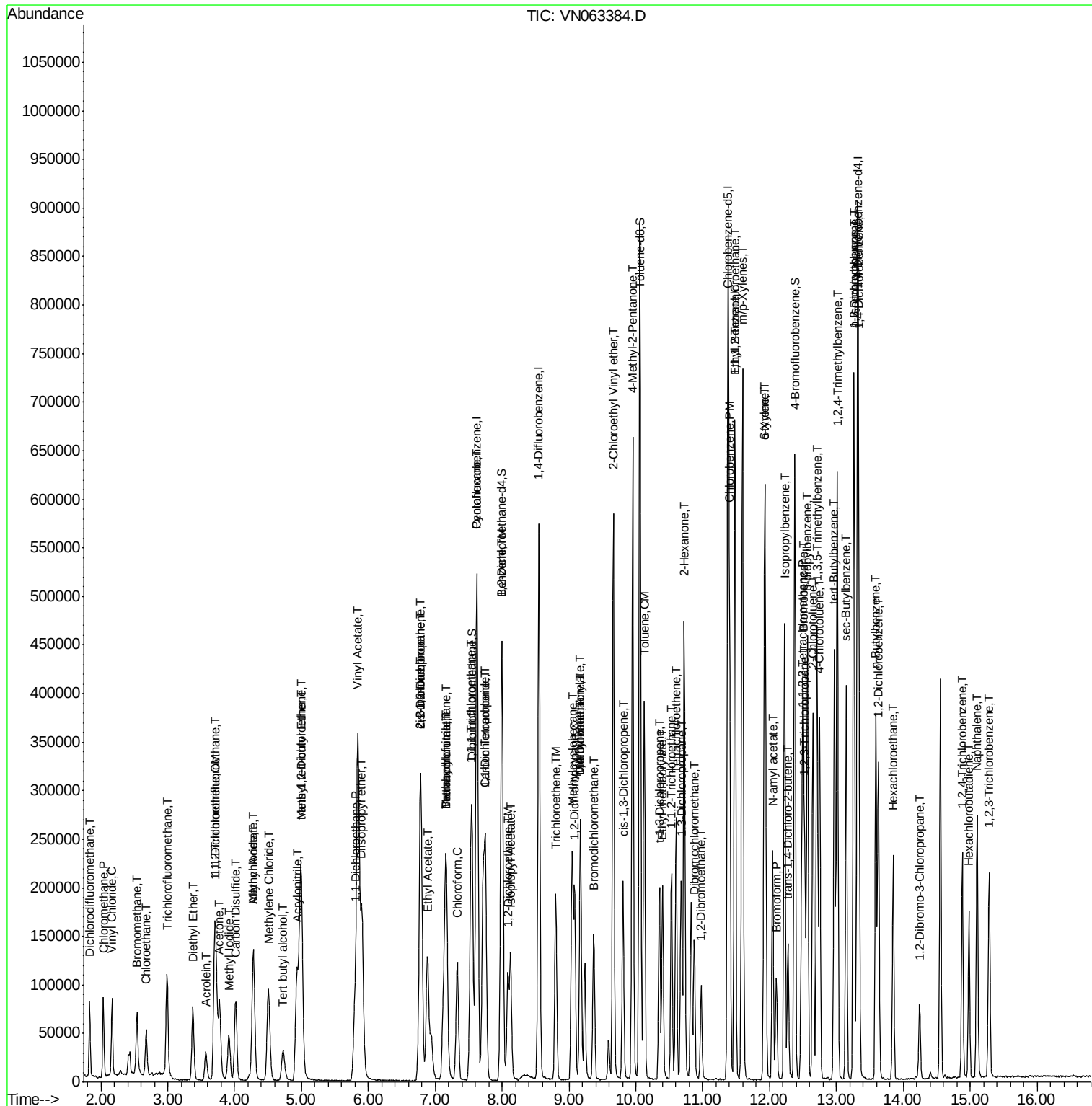
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	66820	17.441	ug/l	99
94) Hexachlorobutadiene	14.98	225	28338	17.867	ug/l	96
95) Naphthalene	15.10	128	221156	17.472	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	64061	17.305	ug/l	99

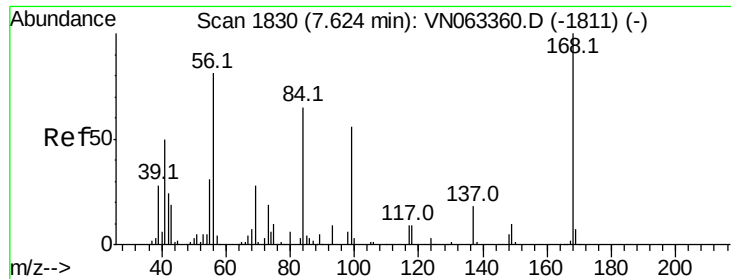
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

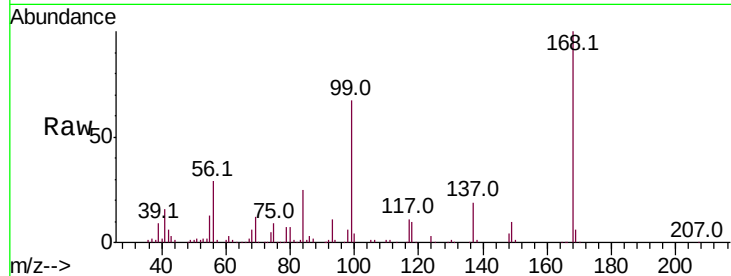
VN0916WBSD02

Tot Ion:168 Resp: 269845

Ion Ratio Lower Upper

168 100

99 66.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

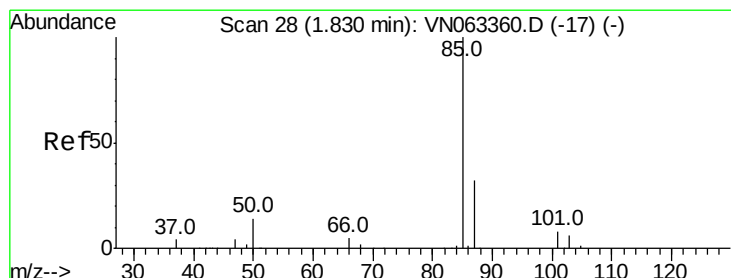
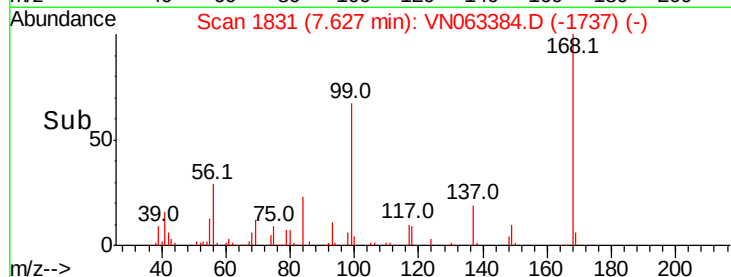
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.686 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063384.D

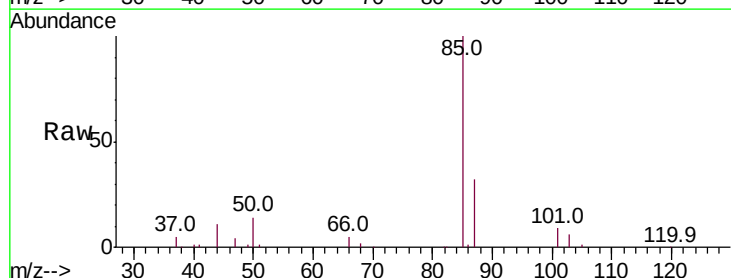
Acq: 16 Sep 2020 23:52

Tgt Ion: 85 Resp: 57126

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

50000

40000

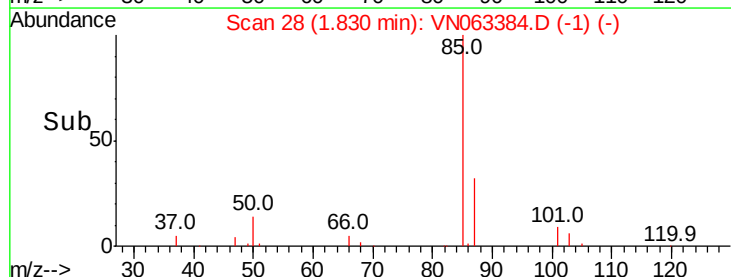
30000

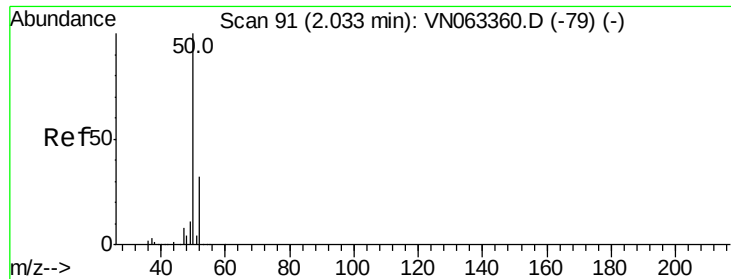
20000

10000

0

Time--> 1.80 1.85

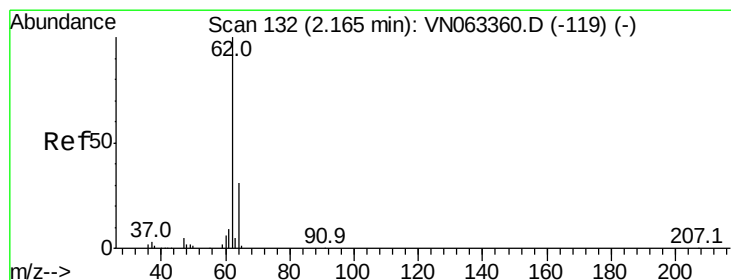
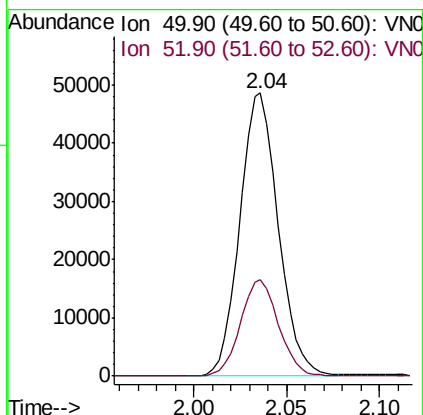
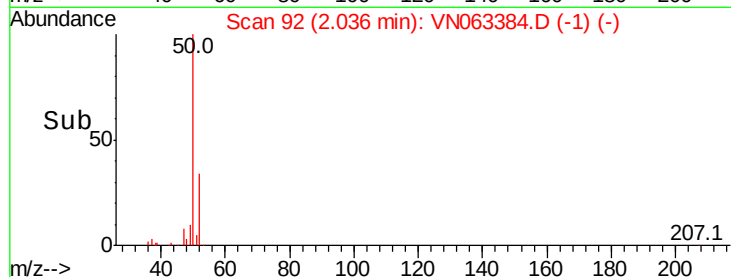
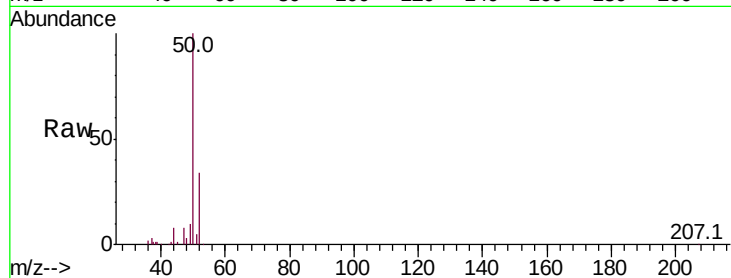




#3
Chloromethane
Concen: 17.330 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

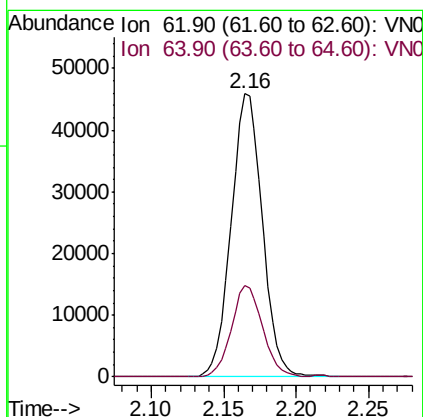
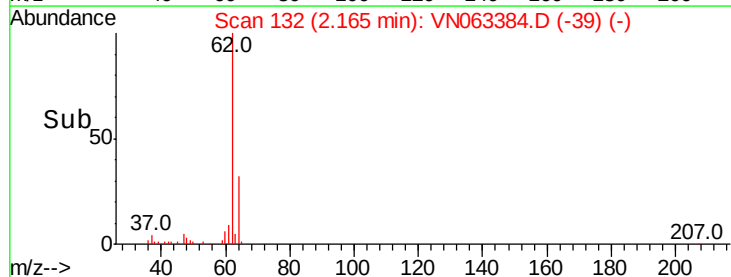
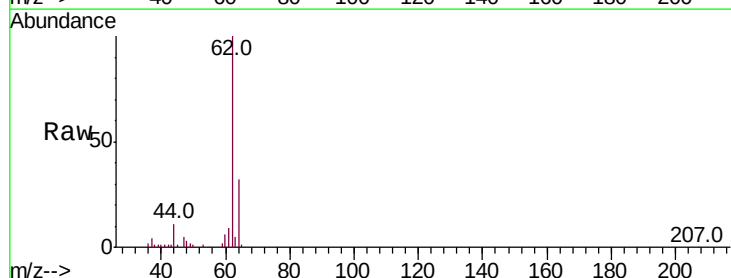
Instrument :
MSVOA_N
ClientSampled :
VN0916WBSD02

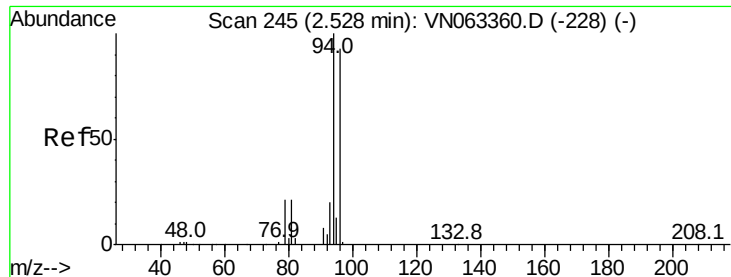
Tot Ion: 50 Resp: 70088
Ion Ratio Lower Upper
50 100
52 34.1 25.9 38.9



#4
Vinyl Chloride
Concen: 19.075 ug/l
RT: 2.16 min Scan# 132
Delta R.T. -0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Tgt Ion: 62 Resp: 68347
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7

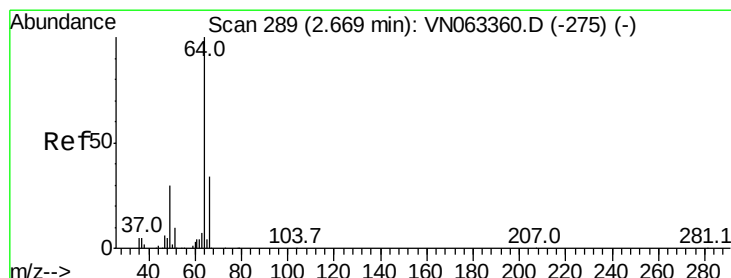
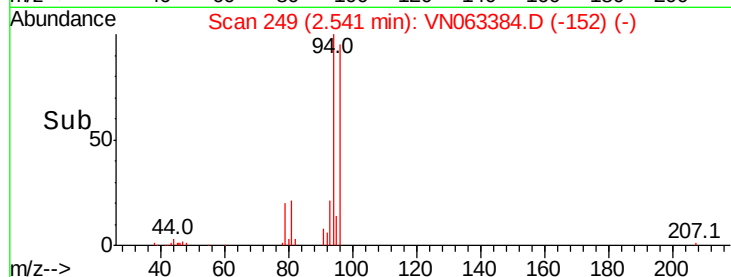
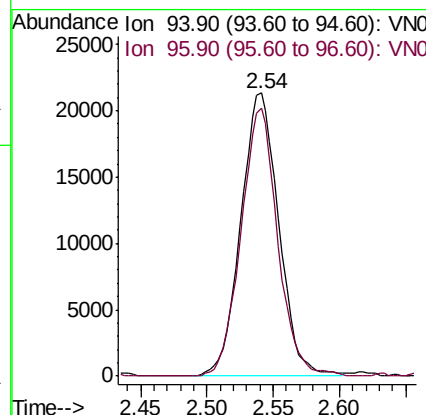
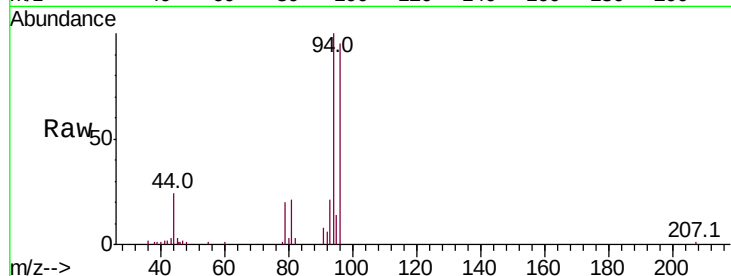




#5
 Bromomethane
 Concen: 19.955 ug/l
 RT: 2.54 min Scan# 249
 Delta R.T. 0.01 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

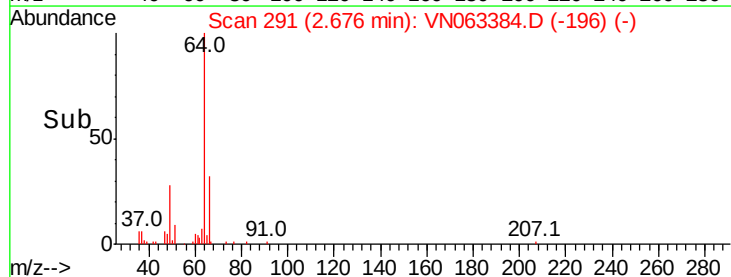
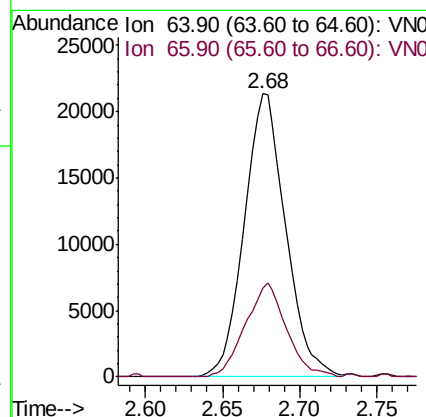
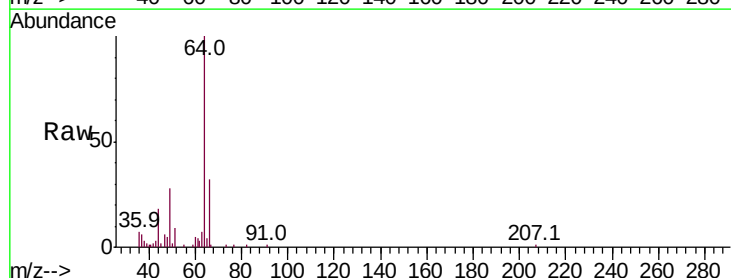
Instrument :
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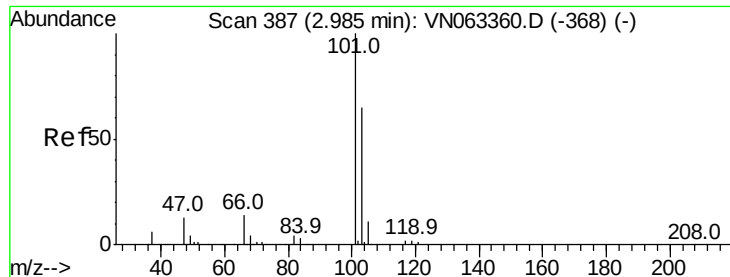
Tot Ion: 94 Resp: 42452
 Ion Ratio Lower Upper
 94 100
 96 94.6 74.5 111.7



#6
 Chloroethane
 Concen: 18.072 ug/l
 RT: 2.68 min Scan# 291
 Delta R.T. 0.01 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

Tgt Ion: 64 Resp: 39749
 Ion Ratio Lower Upper
 64 100
 66 31.5 26.9 40.3



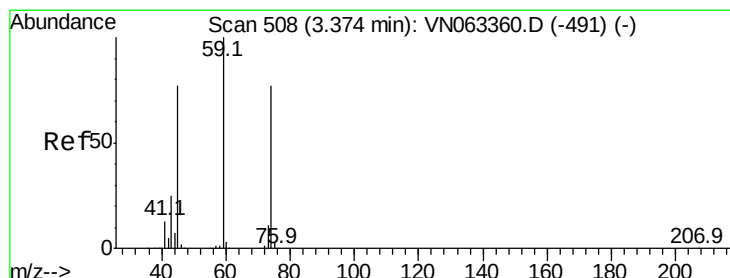
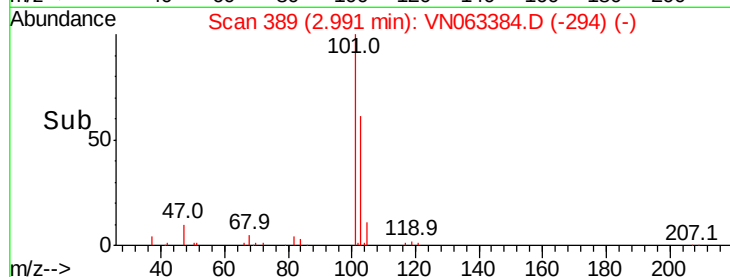
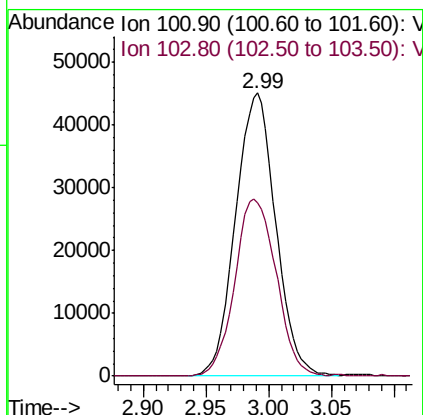
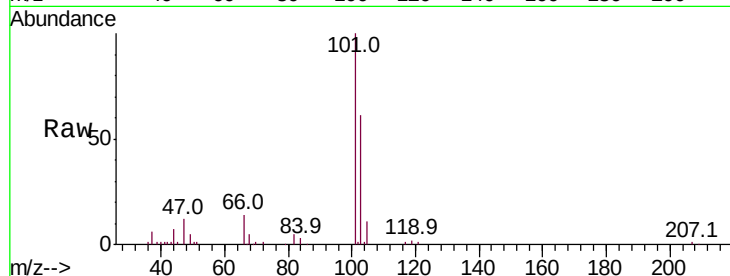


#7

Trichlorofluoromethane
 Concen: 18.756 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

Instrument :
 MSVOA_N
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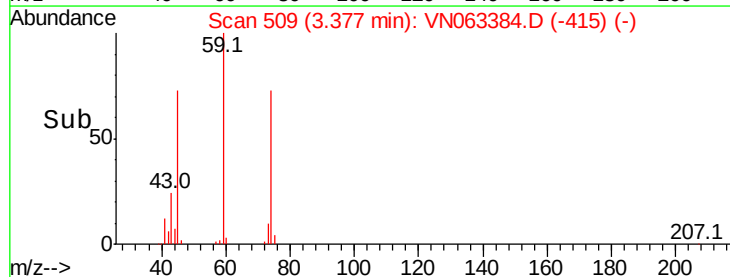
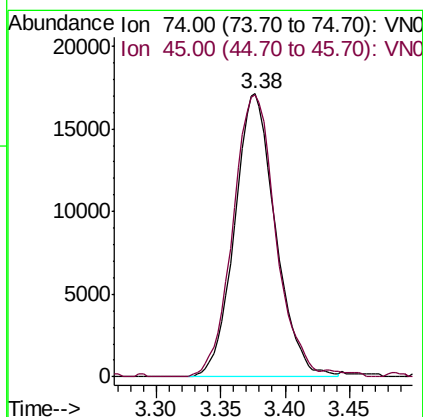
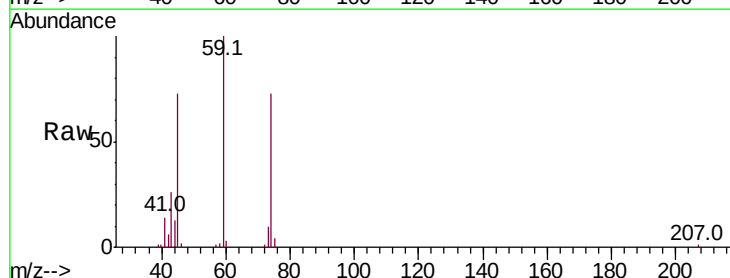
Tot Ion:101 Resp: 100267
 Ion Ratio Lower Upper
 101 100
 103 61.3 52.3 78.5

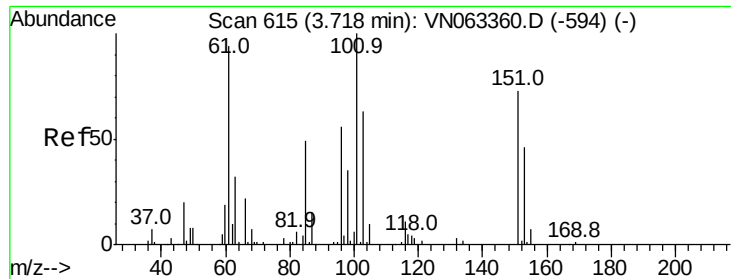


#8

Diethyl Ether
 Concen: 18.145 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

Tgt Ion: 74 Resp: 37815
 Ion Ratio Lower Upper
 74 100
 45 104.0 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.192 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD02

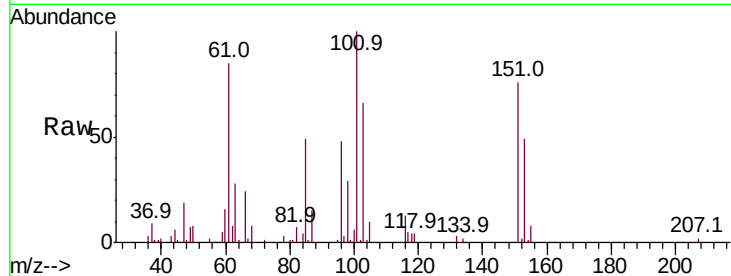
Tot Ion:101 Resp: 54694

Ion Ratio Lower Upper

101 100

85 49.5 37.7 56.5

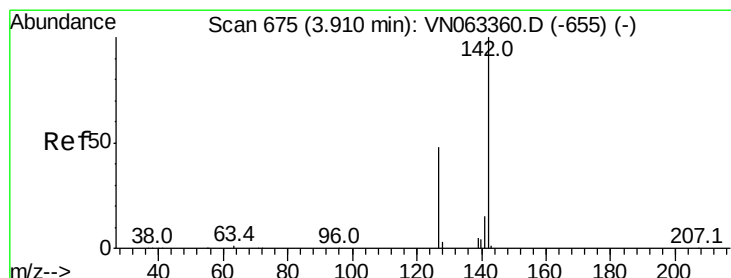
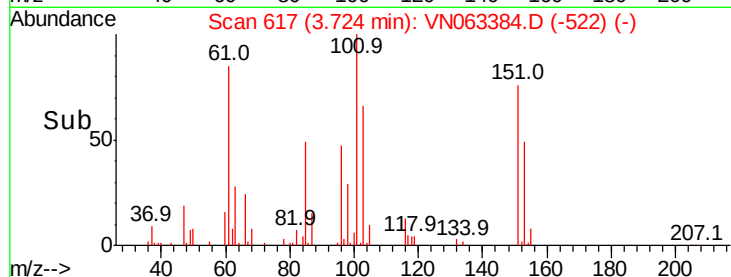
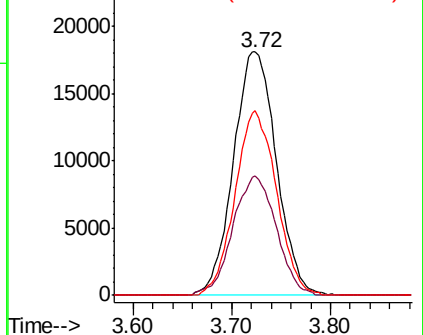
151 73.2 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.142 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

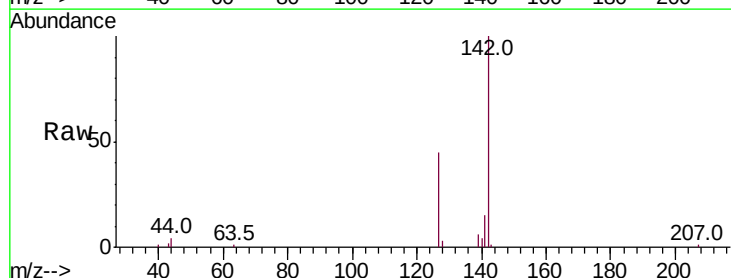
Tgt Ion:142 Resp: 71010

Ion Ratio Lower Upper

142 100

127 49.4 39.0 58.6

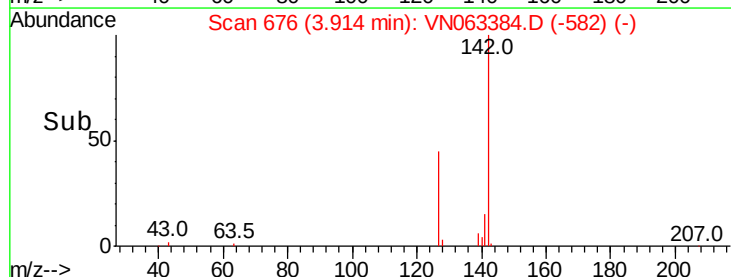
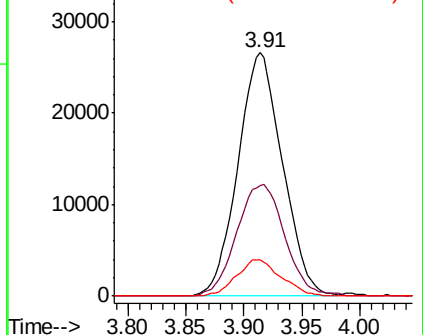
141 15.0 11.6 17.4

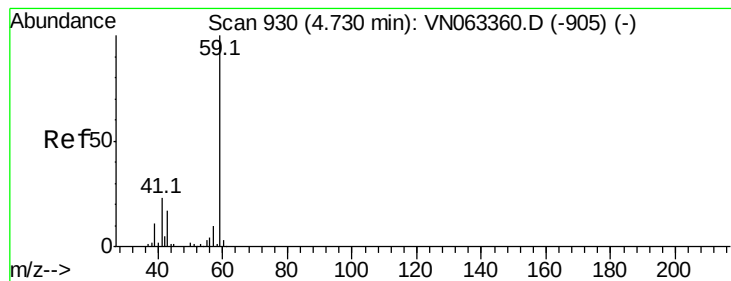


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 84.790 ug/l

RT: 4.73 min Scan# 929

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

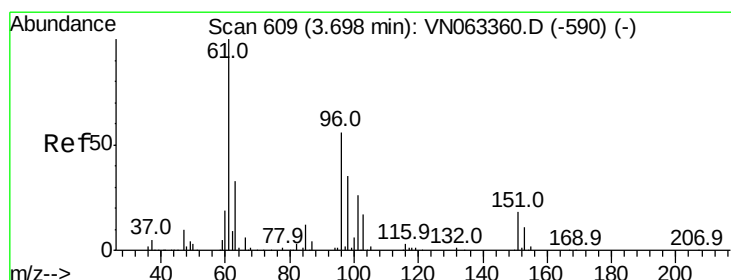
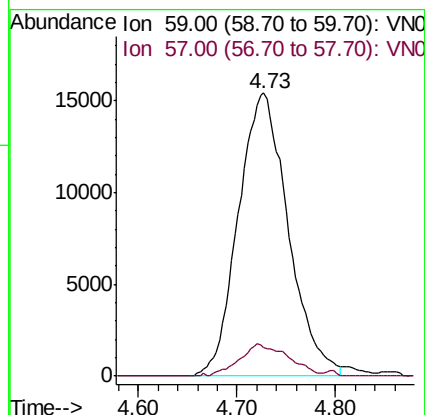
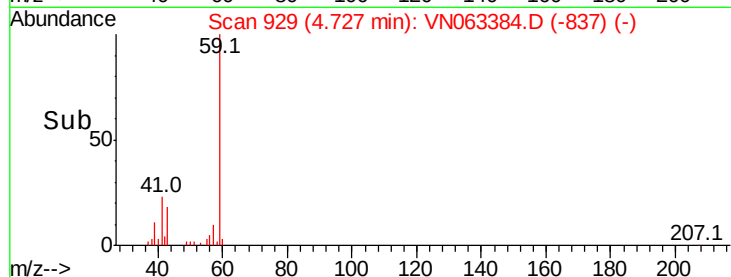
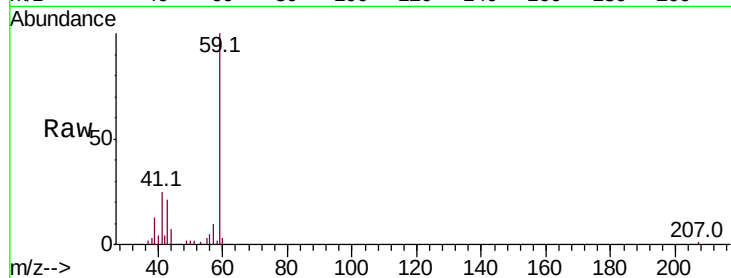
VN0916WBSD02

Tot Ion: 59 Resp: 53957

Ion Ratio Lower Upper

59 100

57 11.1 8.4 12.6



#12

1,1-Dichloroethene

Concen: 17.988 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

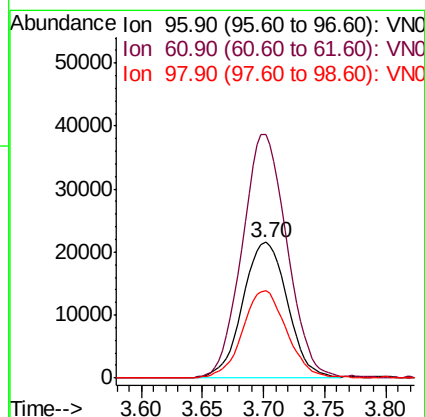
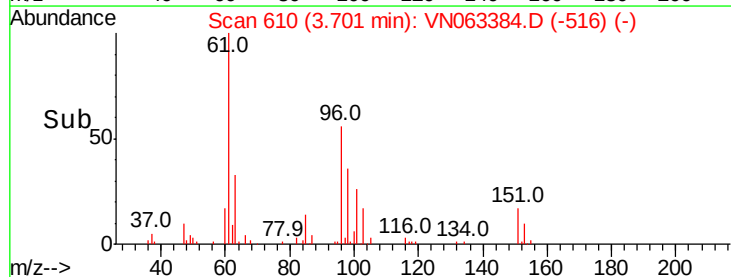
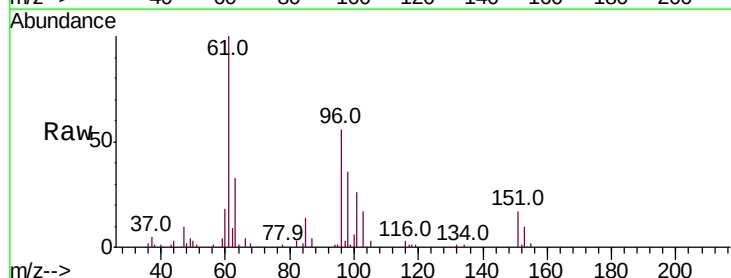
Tgt Ion: 96 Resp: 54776

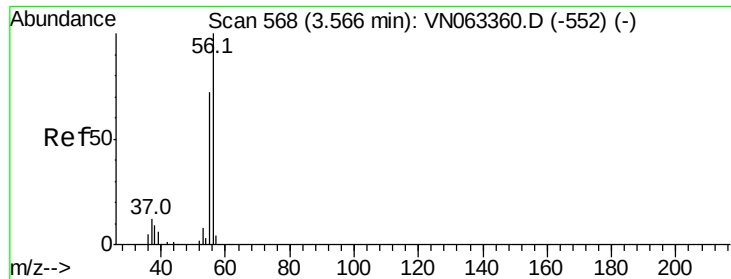
Ion Ratio Lower Upper

96 100

61 179.6 143.4 215.2

98 64.3 50.6 76.0





#13

Acrolein

Concen: 139.773 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

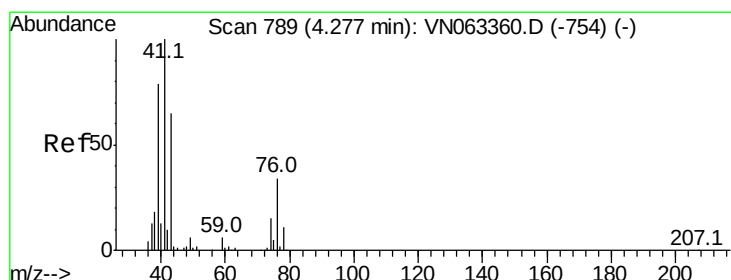
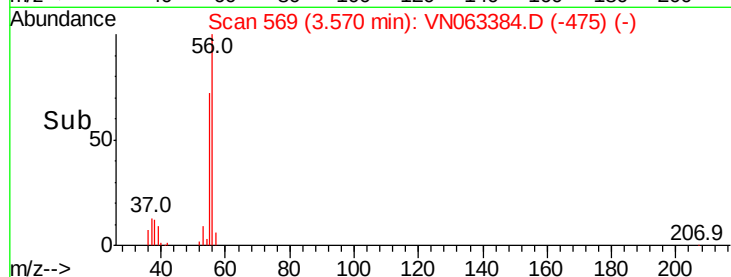
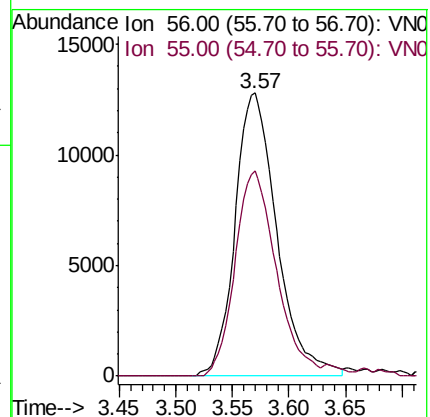
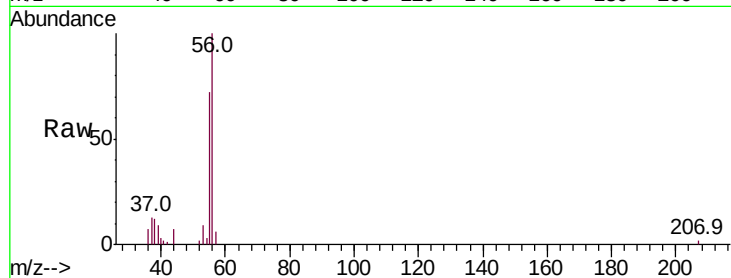
VN0916WBSD02

Tot Ion: 56 Resp: 32962

Ion Ratio Lower Upper

56 100

55 71.3 58.2 87.2



#14

Allyl chloride

Concen: 17.787 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

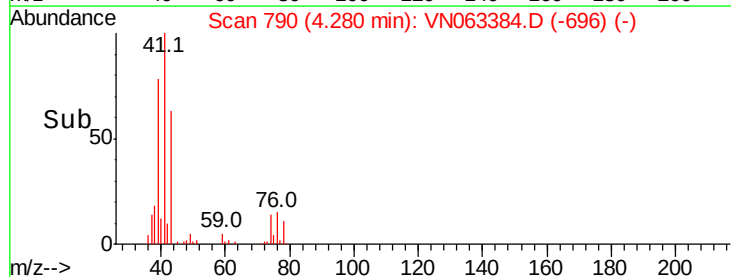
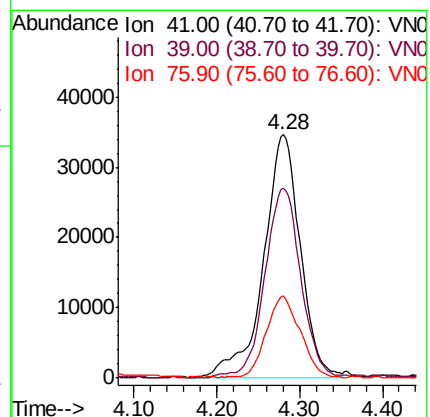
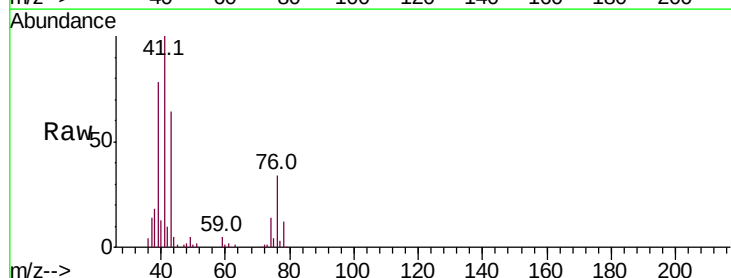
Tgt Ion: 41 Resp: 107138

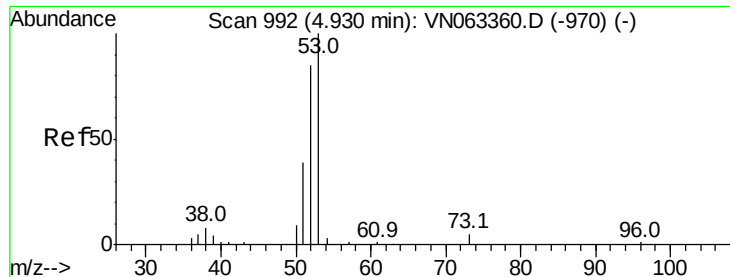
Ion Ratio Lower Upper

41 100

39 76.4 59.3 88.9

76 31.2 25.3 37.9





#15

Acrylonitrile

Concen: 90.062 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD02

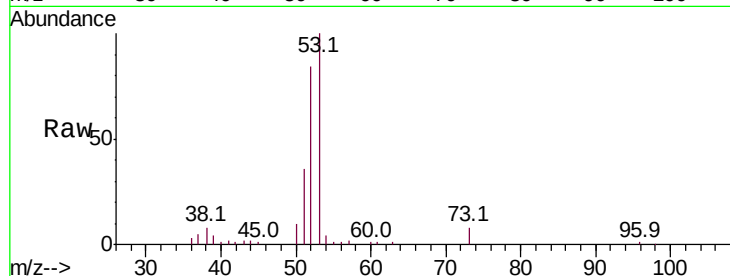
Tot Ion: 53 Resp: 145782

Ion Ratio Lower Upper

53 100

52 82.9 66.4 99.6

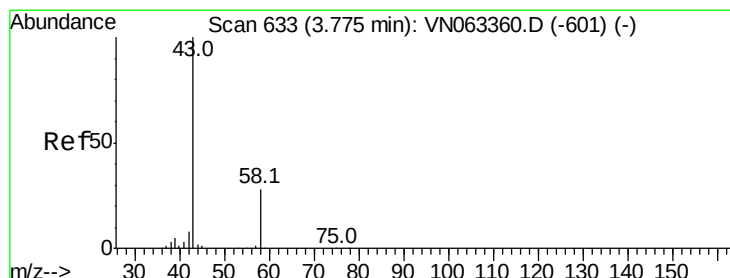
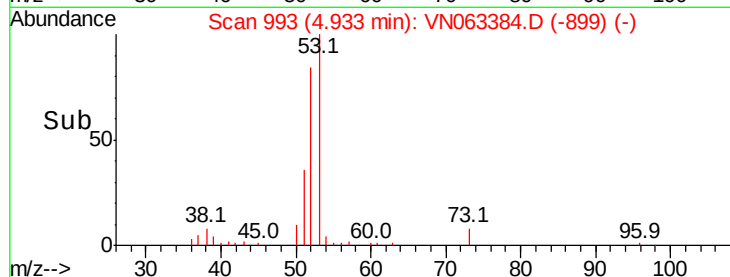
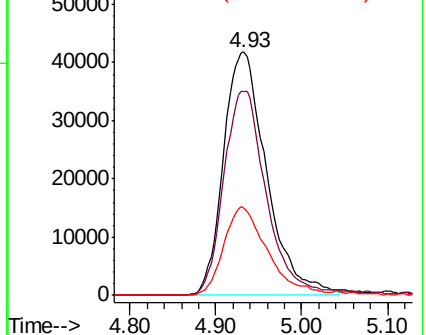
51 36.8 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 90.997 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063384.D

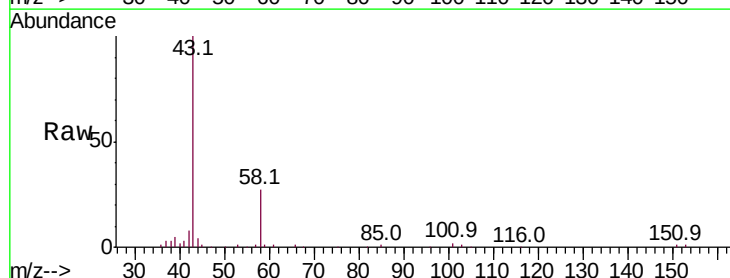
Acq: 16 Sep 2020 23:52

Tgt Ion: 43 Resp: 134336

Ion Ratio Lower Upper

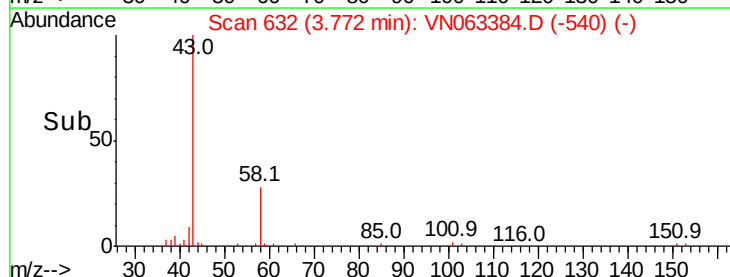
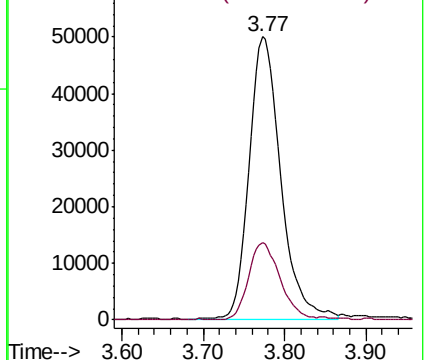
43 100

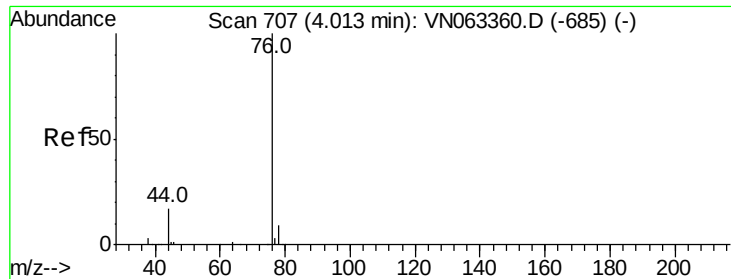
58 27.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

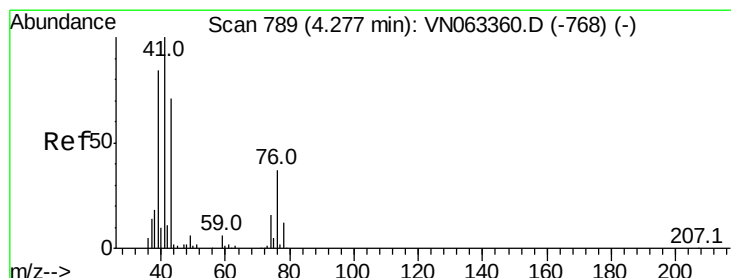
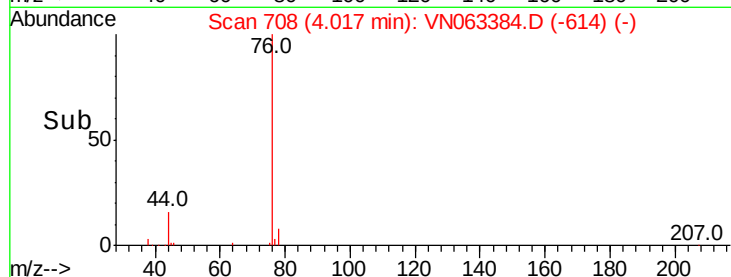
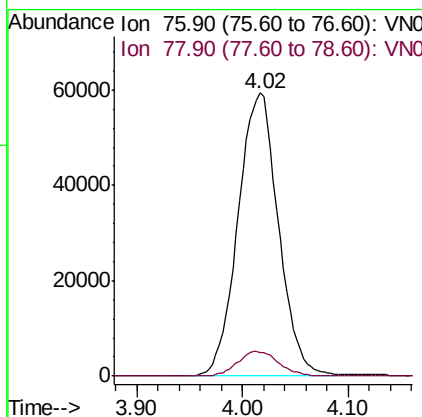
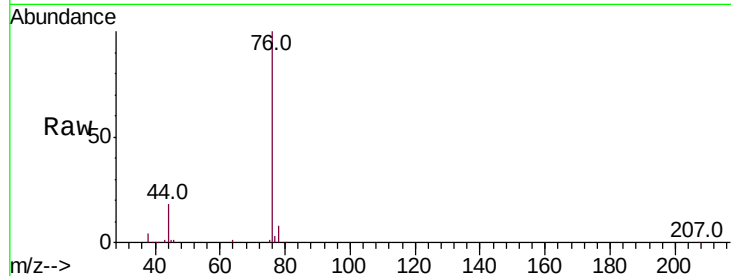




#17
Carbon Disulfide
Concen: 17.867 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

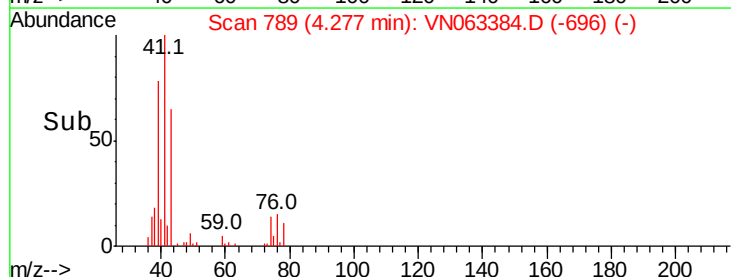
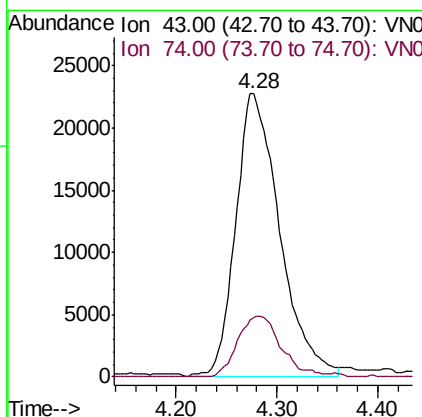
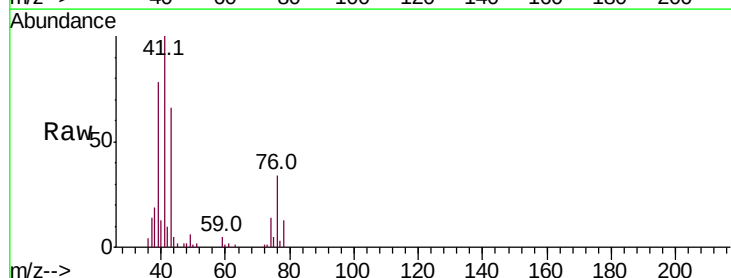
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD02

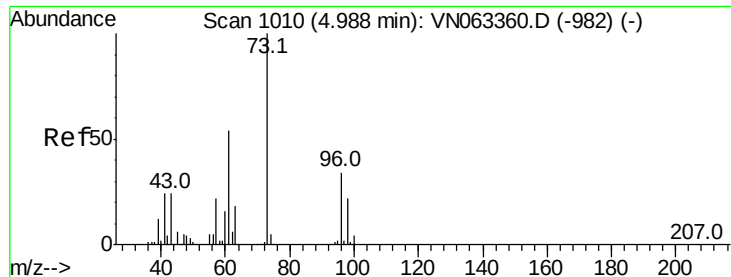
Tot Ion: 76 Resp: 158259
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methyl Acetate
Concen: 18.449 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Tgt Ion: 43 Resp: 69143
Ion Ratio Lower Upper
43 100
74 21.1 17.4 26.2

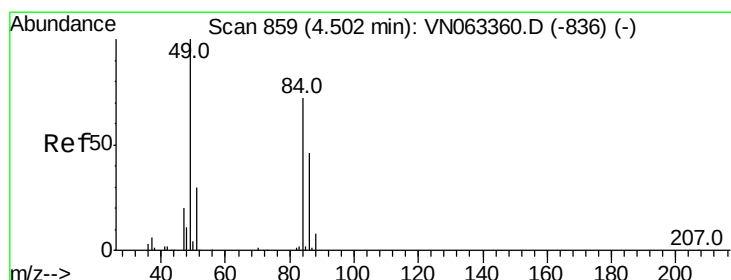
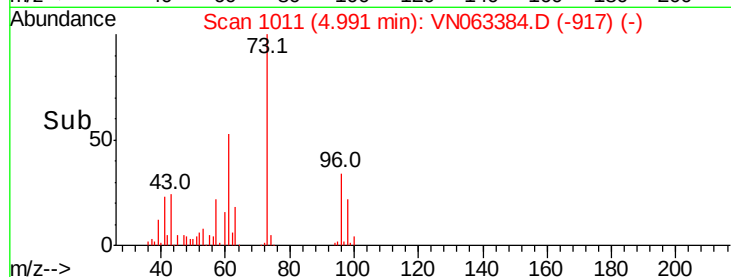
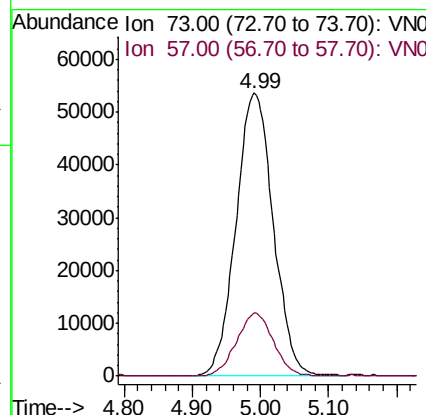
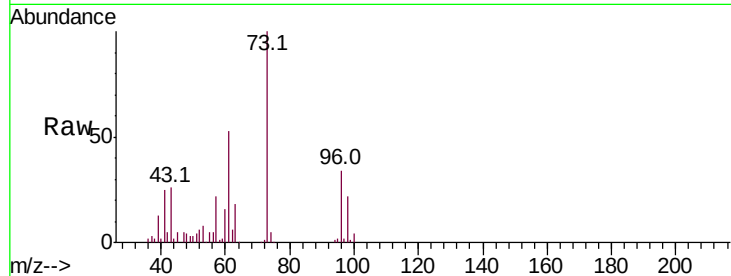




#19
Methvl tert-butvl Ether
Concen: 17.940 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

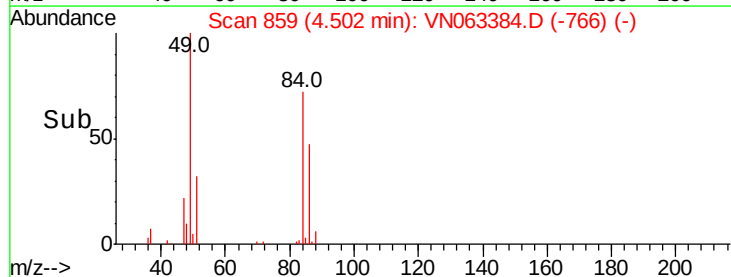
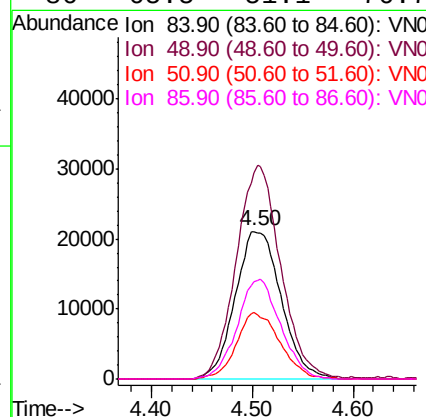
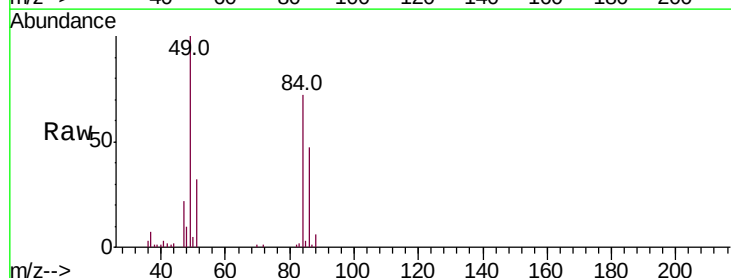
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD02

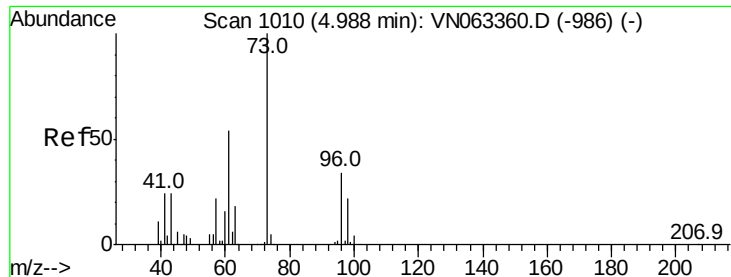
Tot Ion: 73 Resp: 203613
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9



#20
Methylene Chloride
Concen: 17.790 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Tgt Ion: 84 Resp: 66540
Ion Ratio Lower Upper
84 100
49 139.4 110.7 166.1
51 44.7 32.9 49.3
86 65.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 17.875 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD02

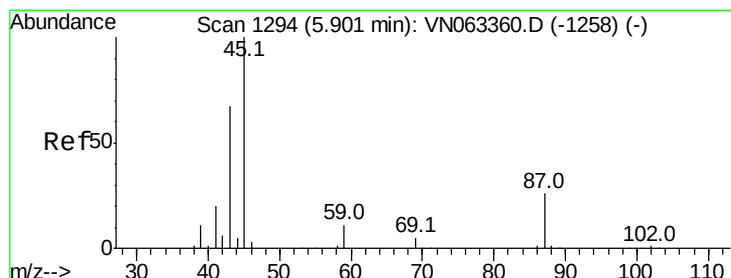
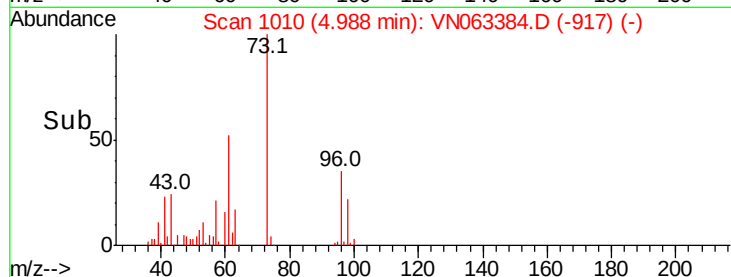
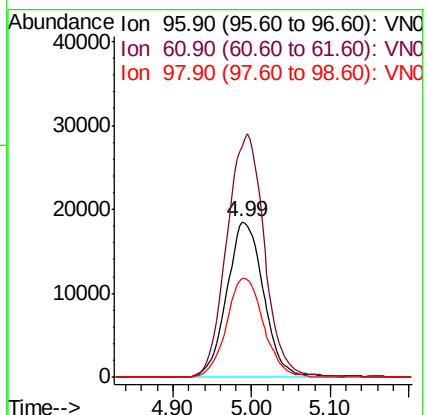
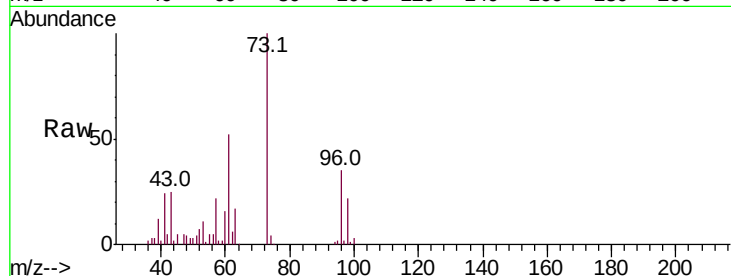
Tot Ion: 96 Resp: 60308

Ion Ratio Lower Upper

96 100

61 148.3 126.2 189.4

98 63.4 51.0 76.4



#22

Diisopropyl ether

Concen: 18.405 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Tgt Ion: 45 Resp: 226092

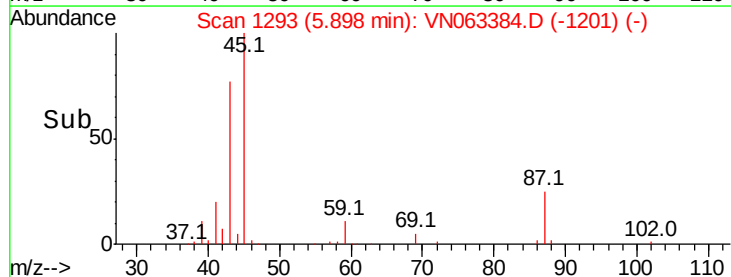
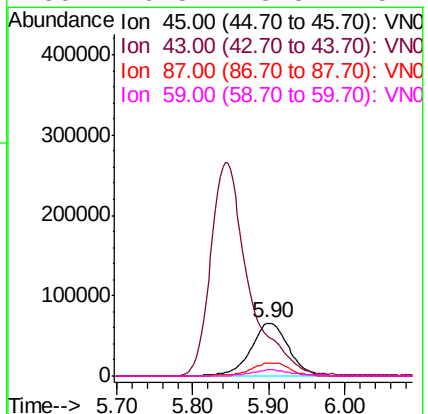
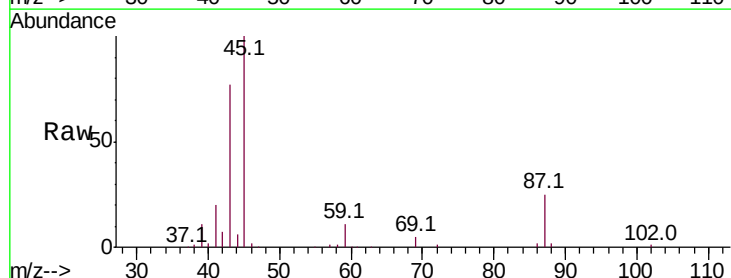
Ion Ratio Lower Upper

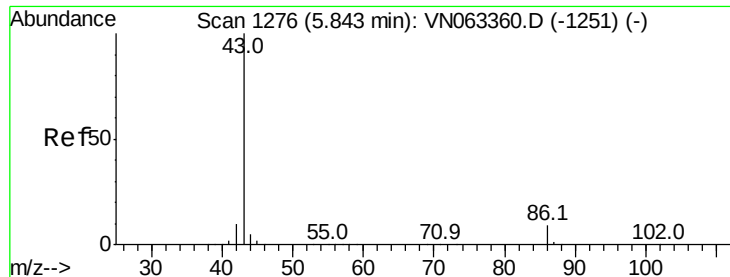
45 100

43 74.3 53.5 80.3

87 24.8 21.2 31.8

59 10.8 8.8 13.2

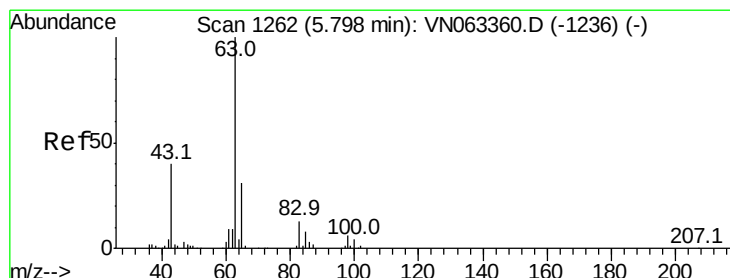
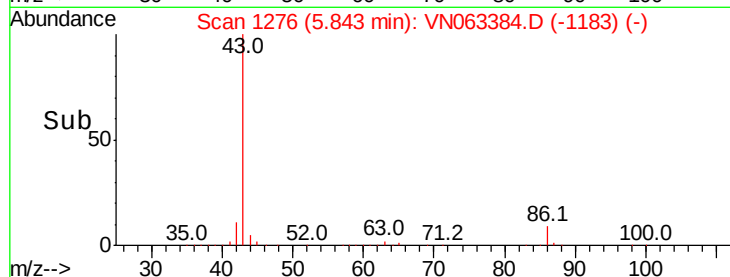
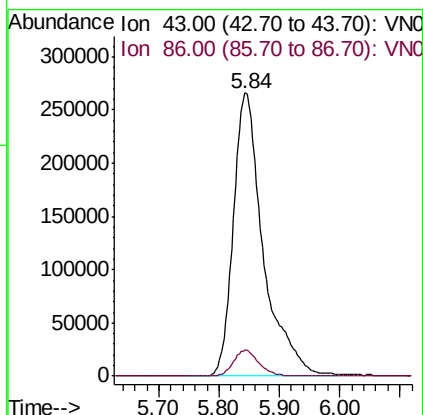
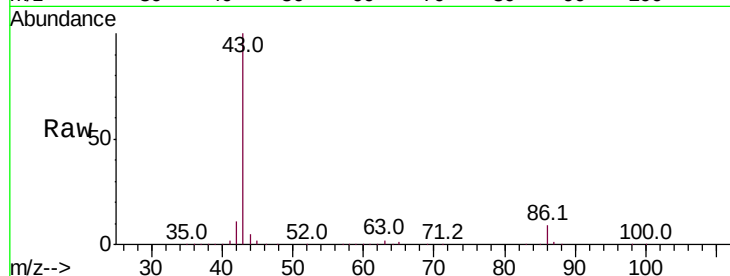




#23
 Vinyl Acetate
 Concen: 91.595 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

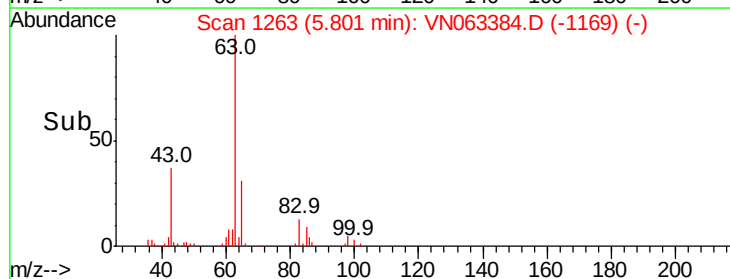
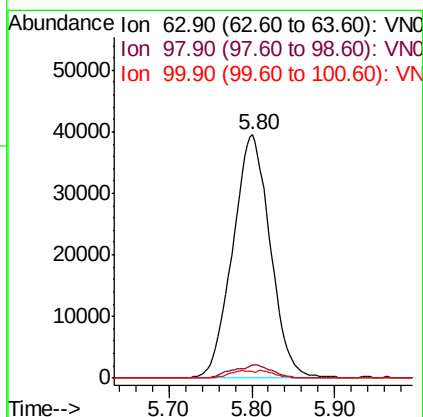
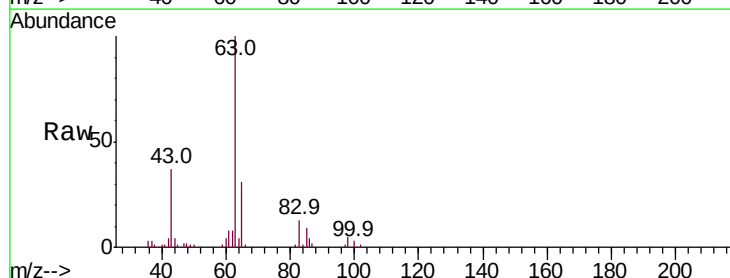
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD02

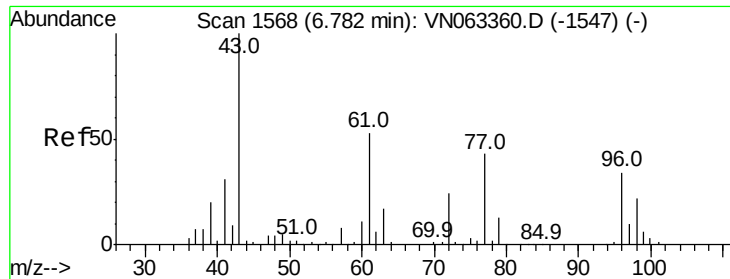
Tot Ion: 43 Resp: 924098
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 18.500 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

Tgt Ion: 63 Resp: 124075
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.9 8.8
 100 2.6 2.1 6.3

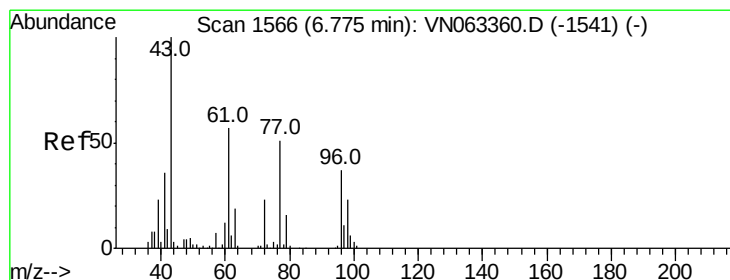
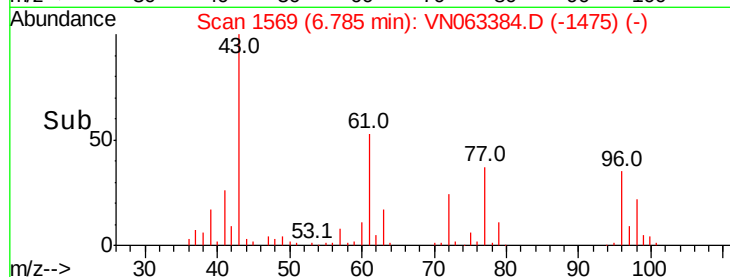
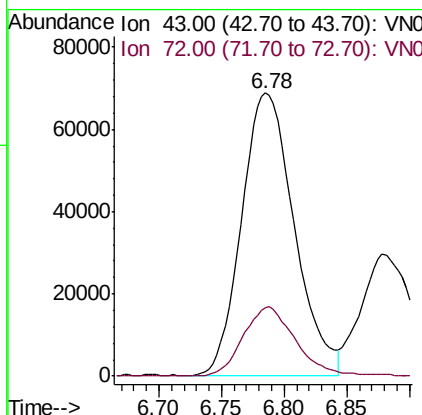
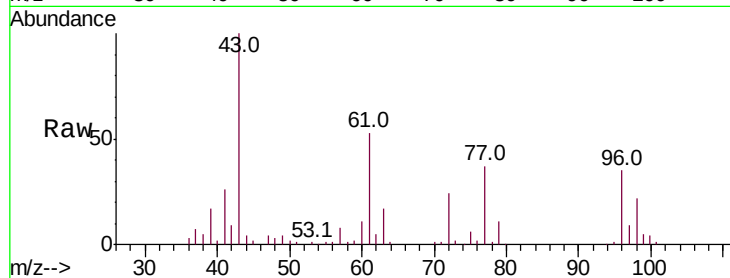




#25
2-Butanone
Concen: 88.175 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

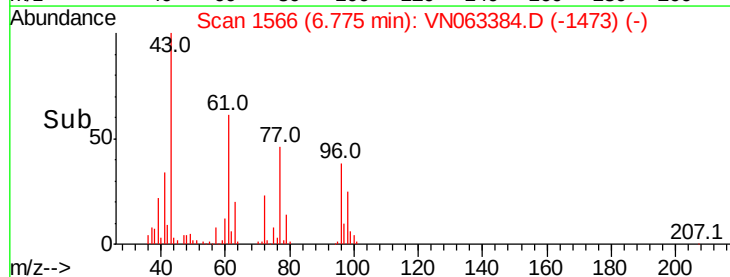
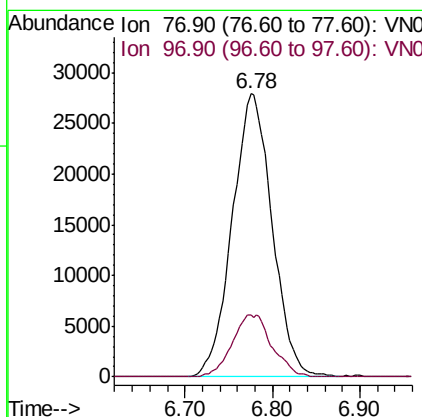
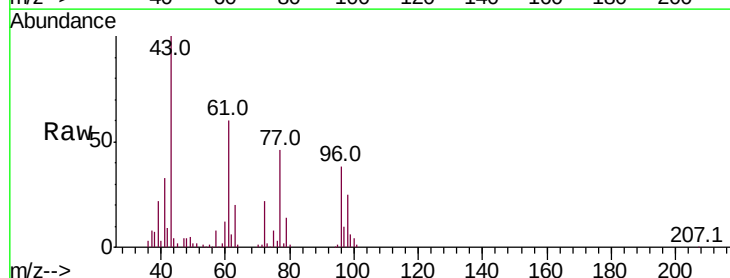
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD02

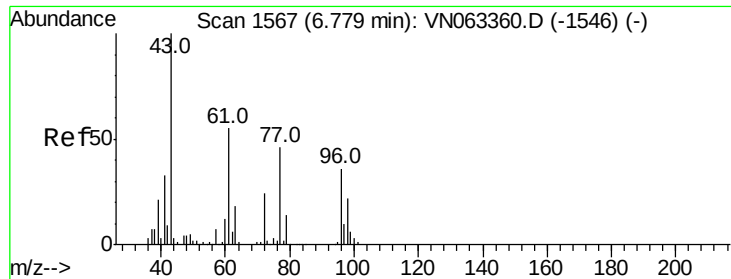
Tot Ion: 43 Resp: 200199
Ion Ratio Lower Upper
43 100
72 24.2 19.2 28.8



#26
2,2-Dichloropropane
Concen: 14.931 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Tgt Ion: 77 Resp: 88170
Ion Ratio Lower Upper
77 100
97 21.8 10.5 31.6

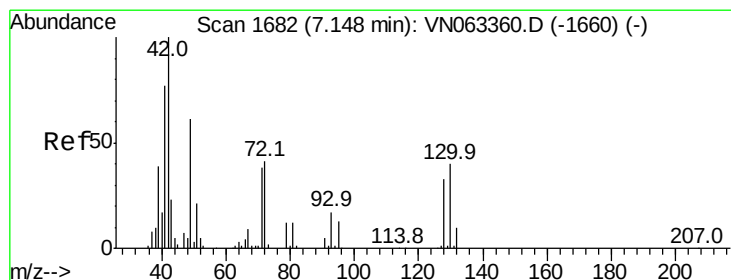
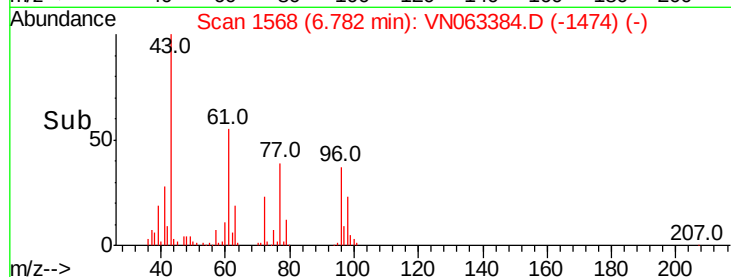
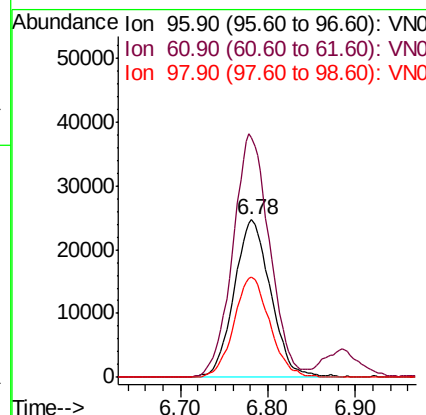
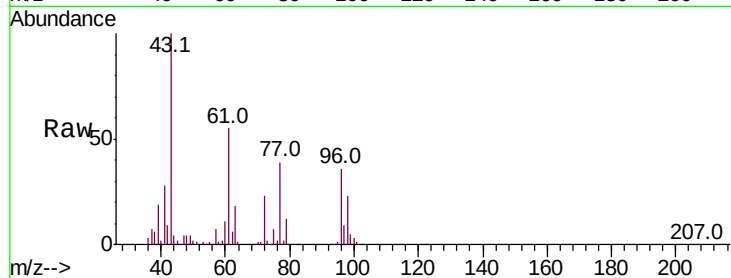




#27
 cis-1,2-Dichloroethene
 Concen: 18.820 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

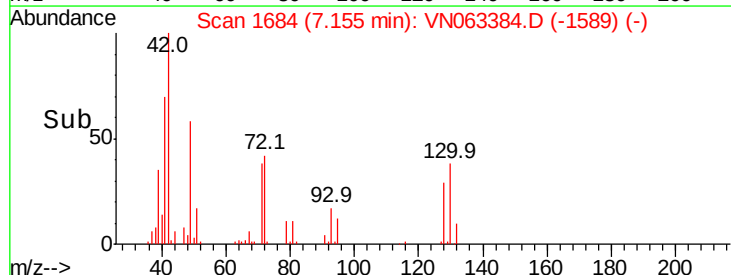
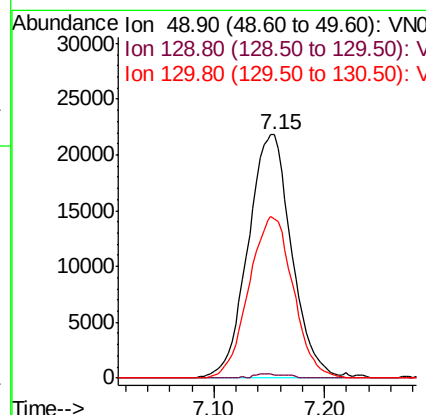
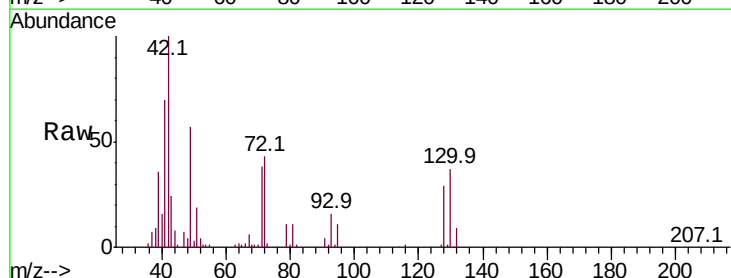
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD02

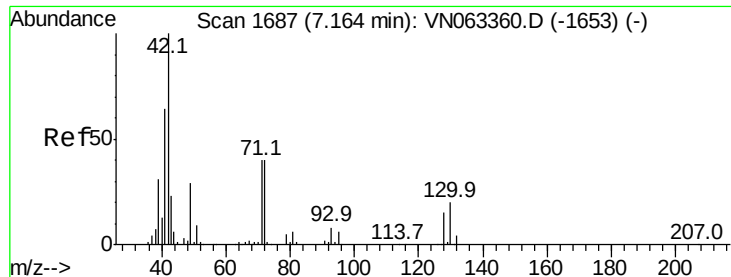
Tot Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	319.6
98	62.2	0.0	127.8



#28
 Bromochloromethane
 Concen: 19.317 ug/l
 RT: 7.15 min Scan# 1684
 Delta R.T. 0.01 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.8
130	67.5	52.2	78.2





#29

Tetrahydrofuran

Concen: 87.726 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD02

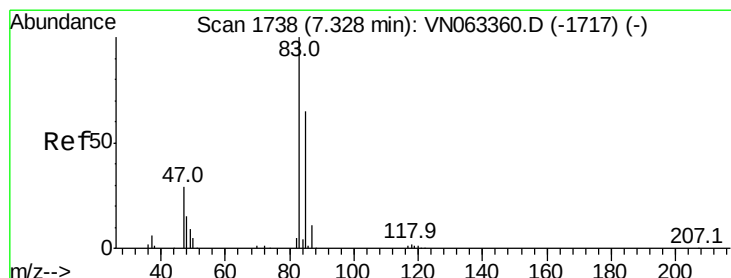
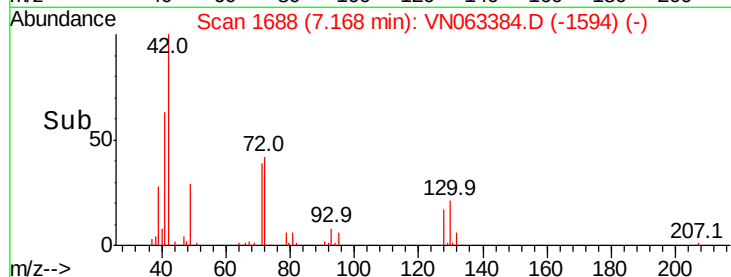
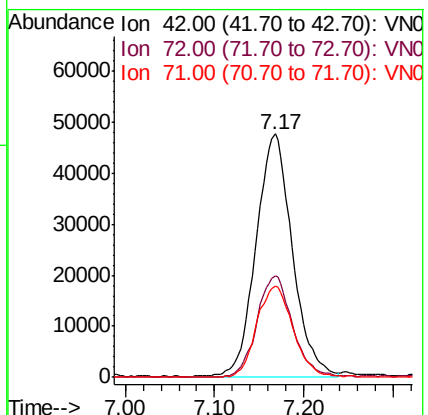
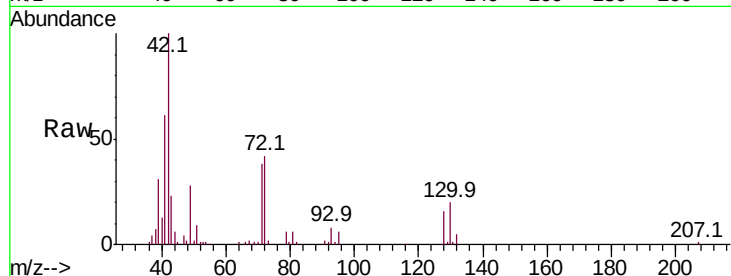
Tot Ion: 42 Resp: 136034

Ion Ratio Lower Upper

42 100

72 40.7 32.1 48.1

71 37.4 31.2 46.8



#30

Chloroform

Concen: 17.922 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN063384.D

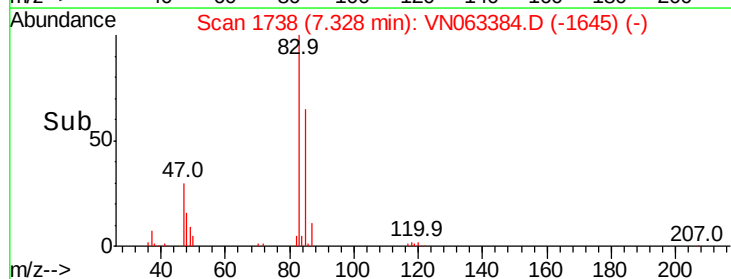
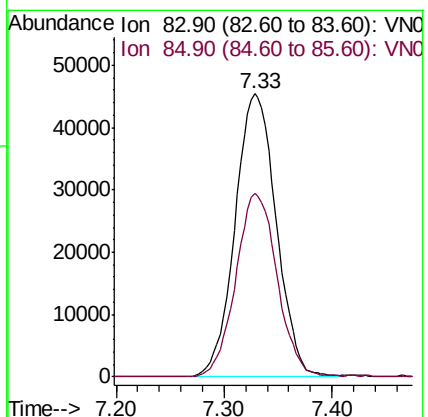
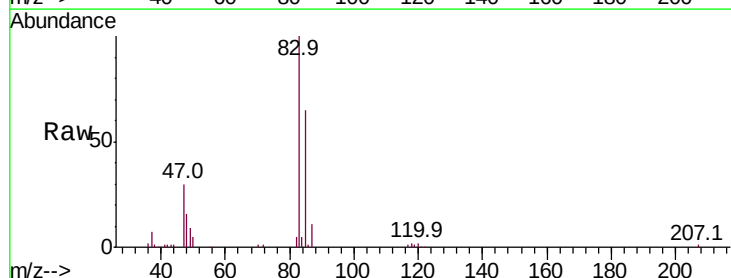
Acq: 16 Sep 2020 23:52

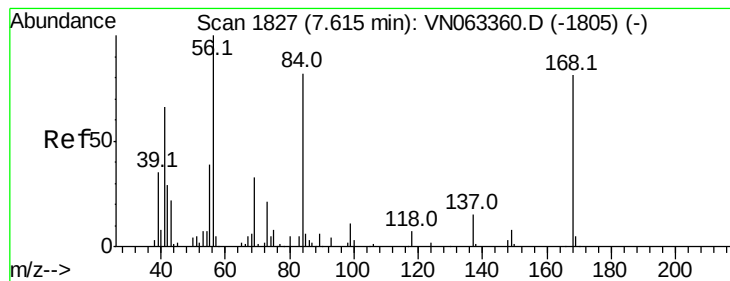
Tgt Ion: 83 Resp: 120597

Ion Ratio Lower Upper

83 100

85 64.8 52.1 78.1





#31

Cyclohexane

Concen: 17.696 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampled :

VN0916WBSD02

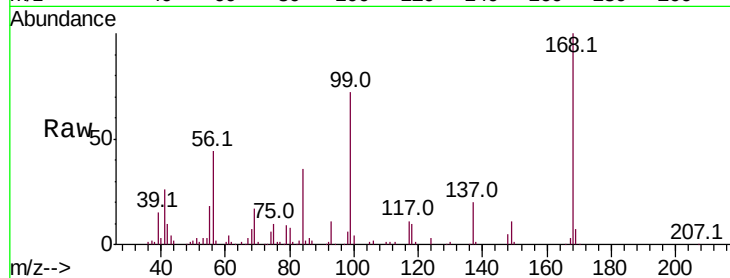
Tot Ion: 56 Resp: 112268

Ion Ratio Lower Upper

56 100

69 38.2 26.1 39.1

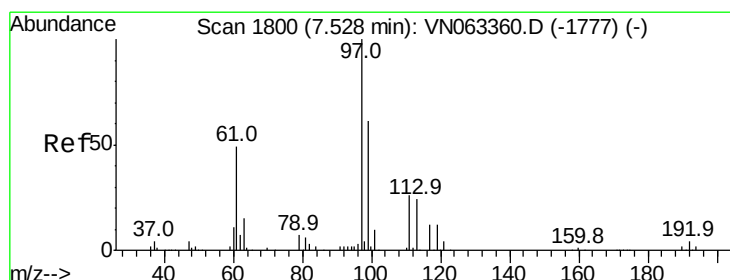
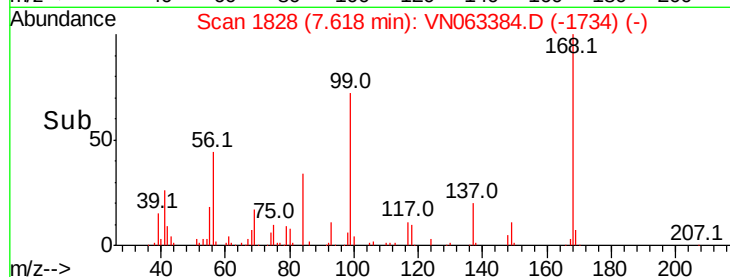
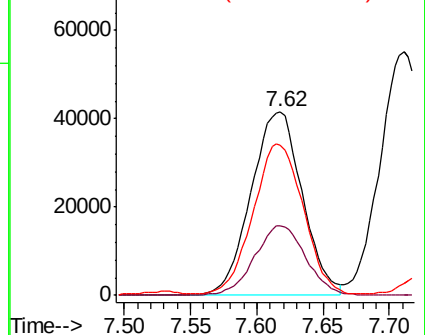
84 80.4 65.4 98.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.826 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

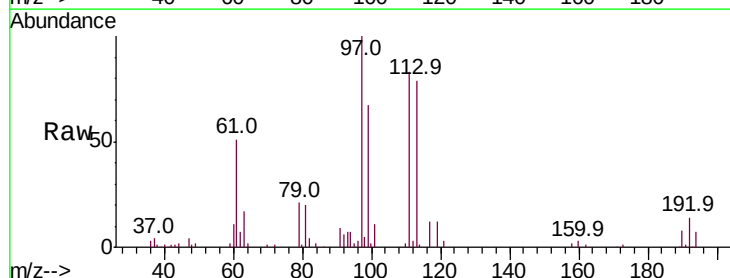
Tgt Ion: 97 Resp: 106685

Ion Ratio Lower Upper

97 100

99 65.1 50.6 76.0

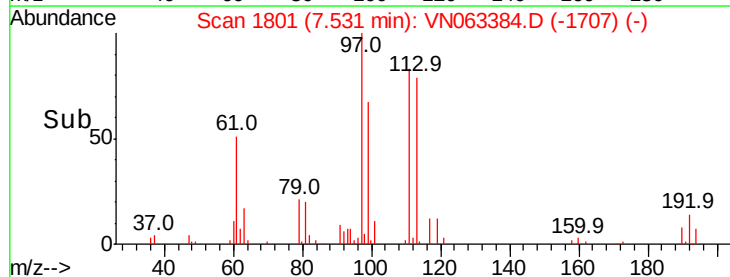
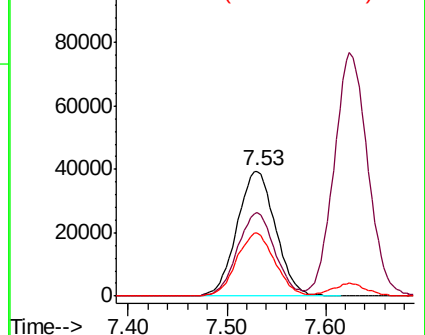
61 50.1 39.2 58.8

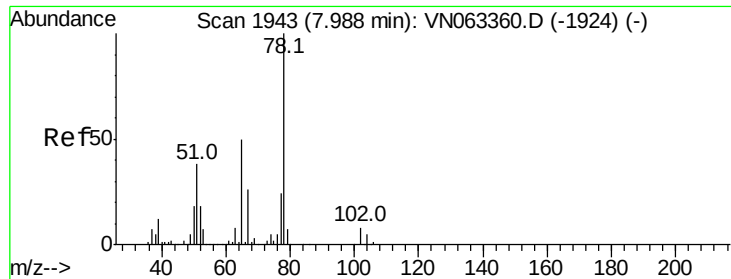


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

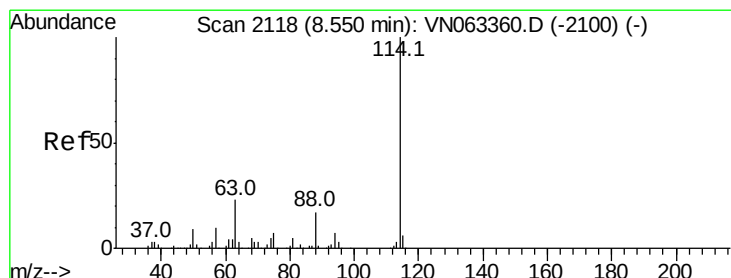
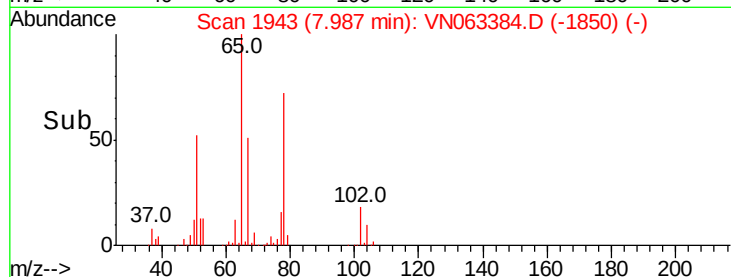
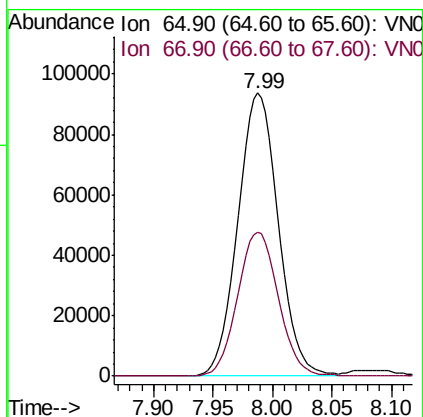
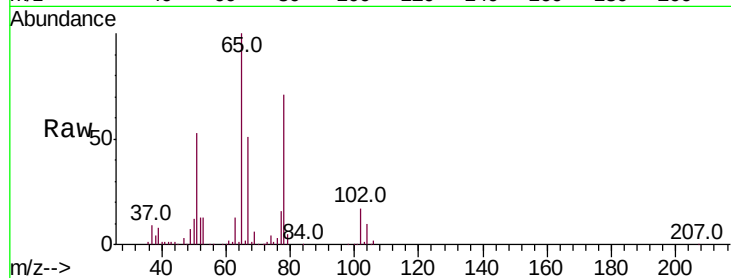




#33
 1,2-Dichloroethane-d4
 Concen: 48.064 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

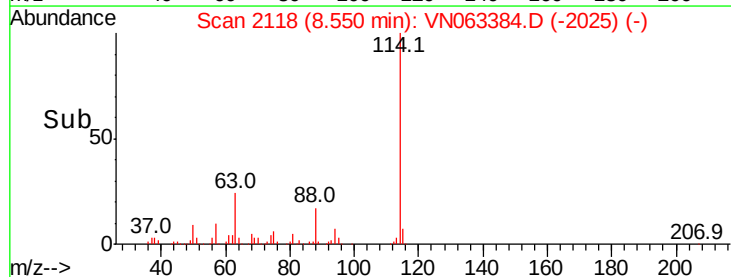
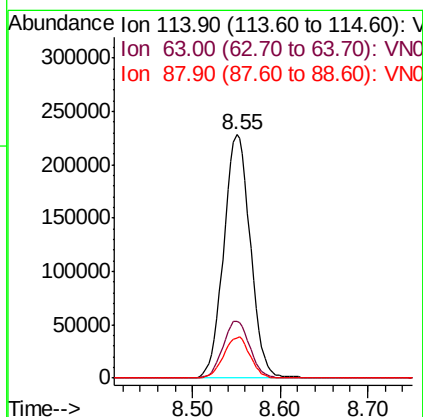
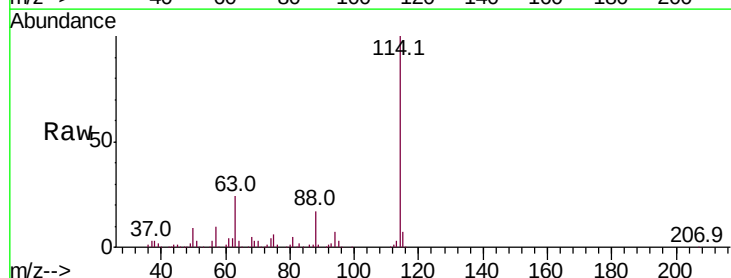
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD02

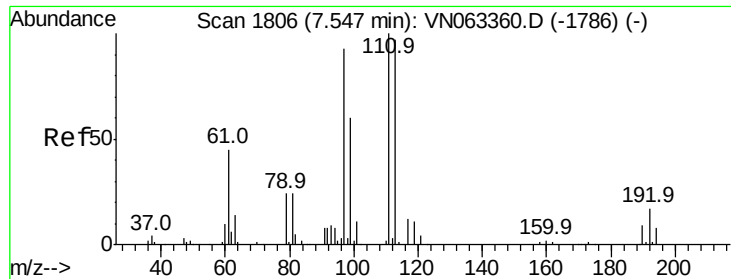
Tot Ion: 65 Resp: 220783
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

Tgt Ion: 114 Resp: 482921
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.4
 88 16.7 0.0 33.2

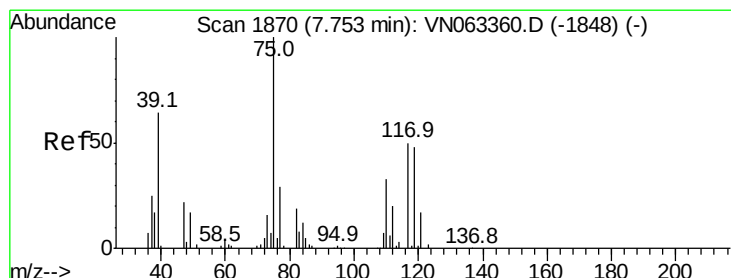
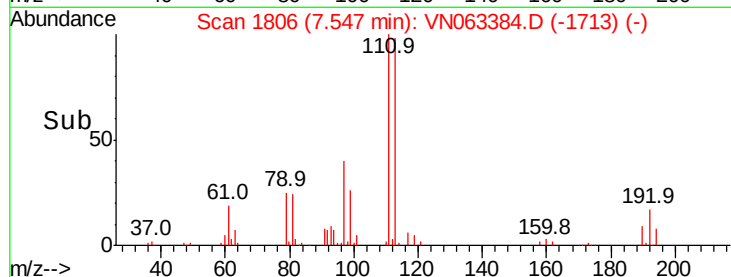
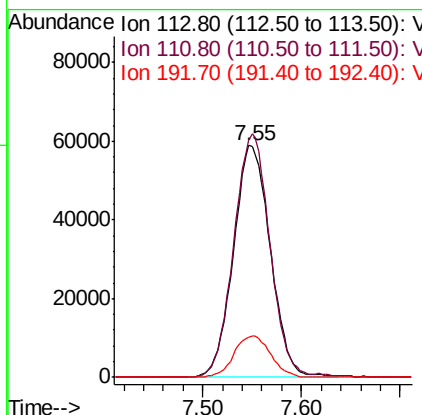
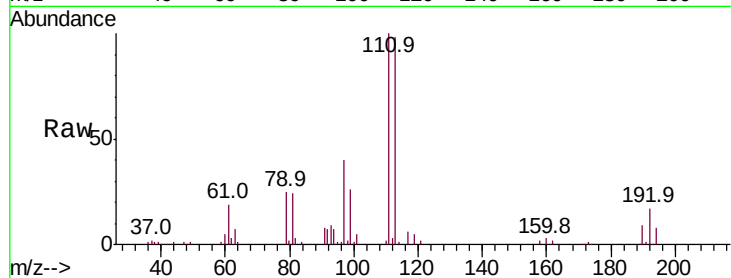




#35
 Dibromofluoromethane
 Concen: 45.788 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

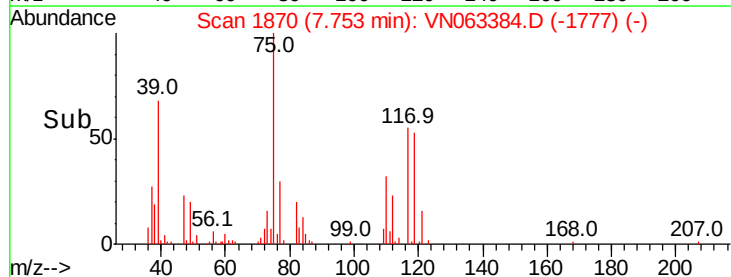
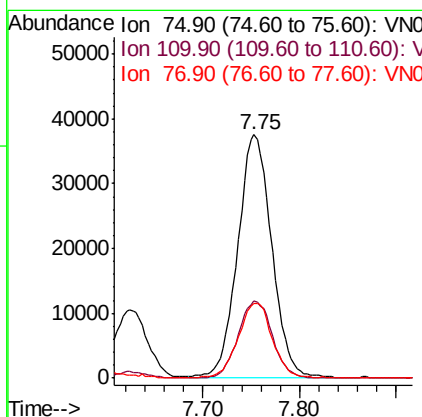
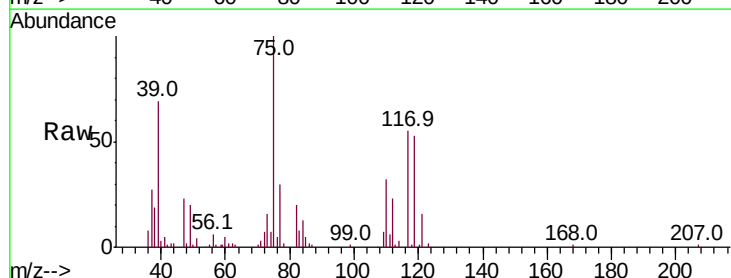
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD02

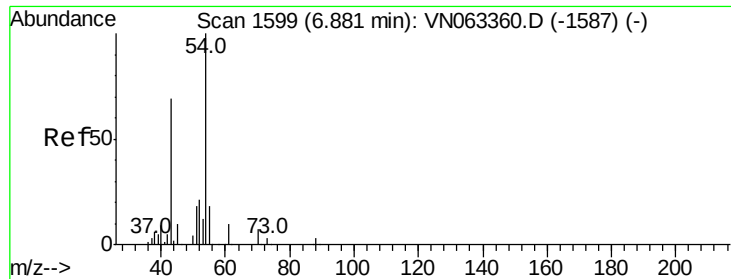
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.9	124.3
192	17.6	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 17.935 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.7	16.5	49.5
77	30.8	24.6	36.8

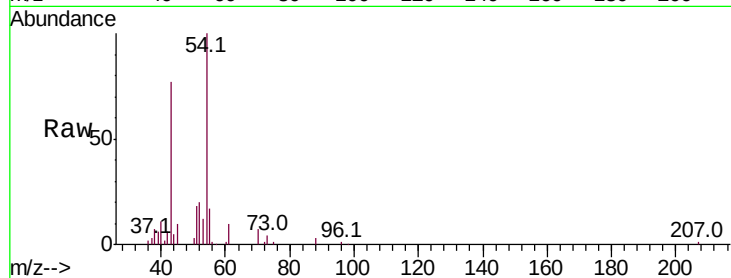




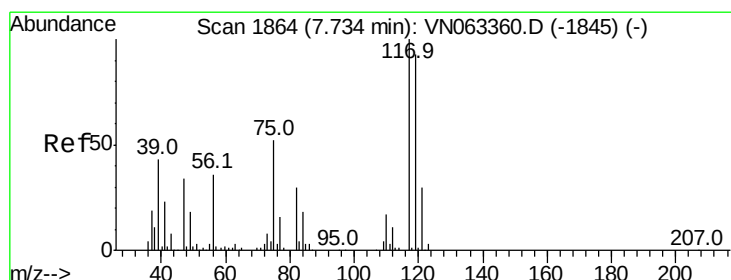
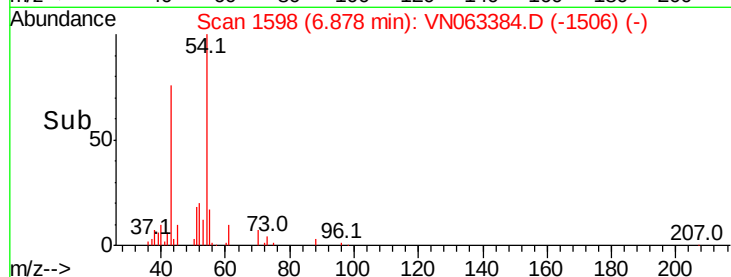
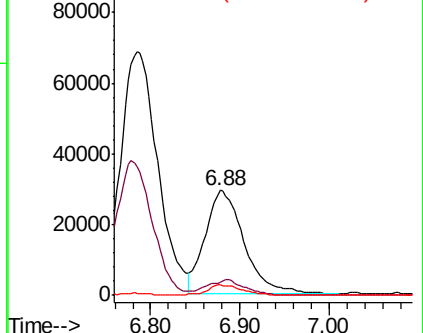
#37
Ethyl Acetate
Concen: 17.544 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD02

Tot Ion: 43 Resp: 88588
Ion Ratio Lower Upper
43 100
61 13.5 10.6 15.8
70 9.0 7.2 10.8

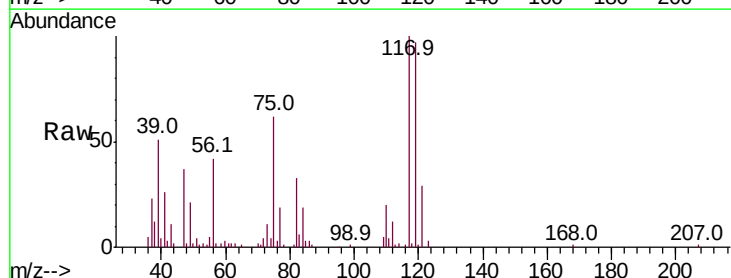


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

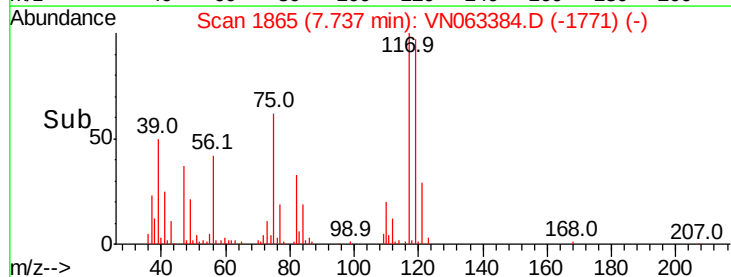
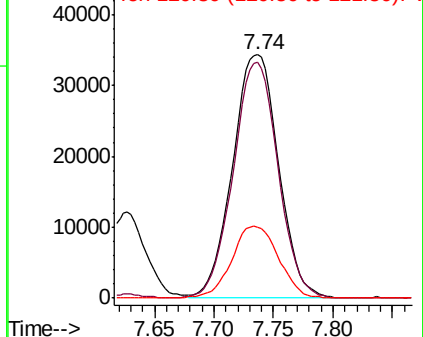


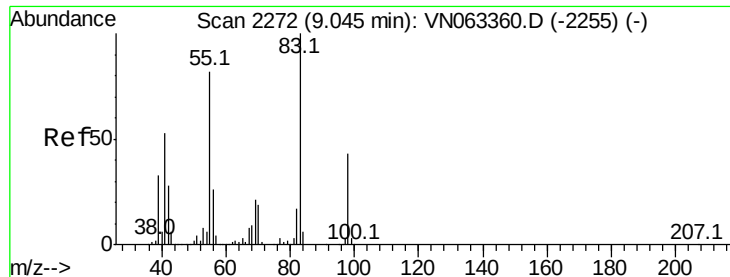
#38
Carbon Tetrachloride
Concen: 17.527 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Tgt Ion: 117 Resp: 92051
Ion Ratio Lower Upper
117 100
119 97.0 74.5 111.7
121 29.3 24.1 36.1



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

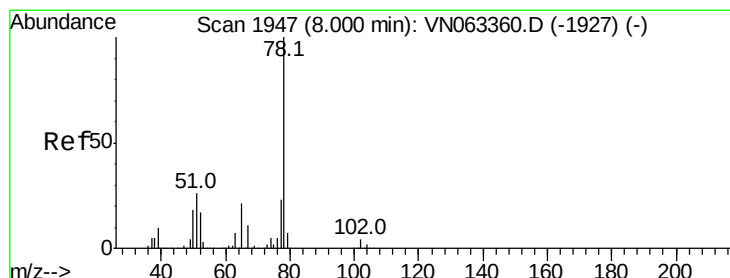
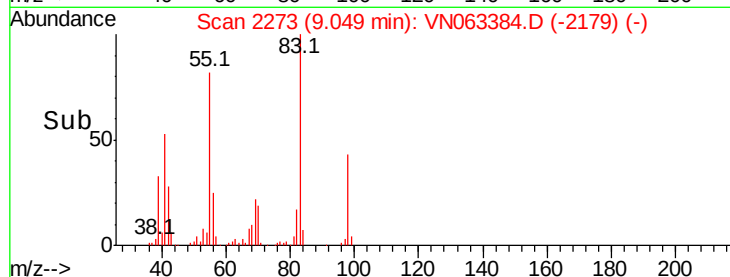
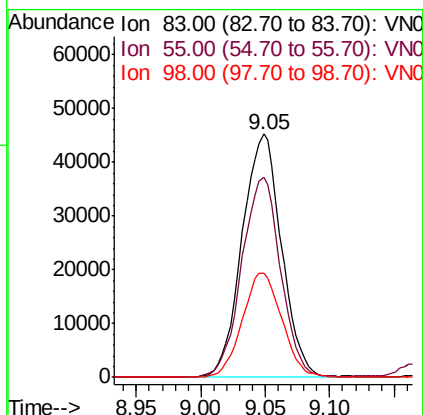
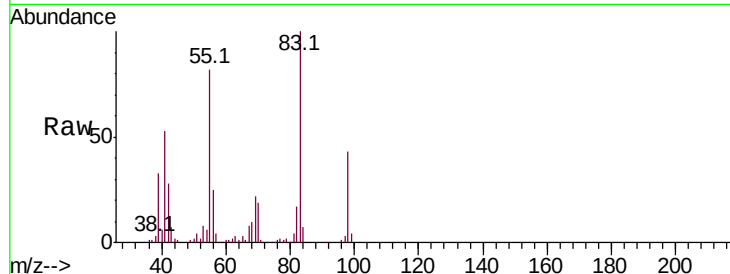




#39
Methylvlcyclohexane
Concen: 17.239 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

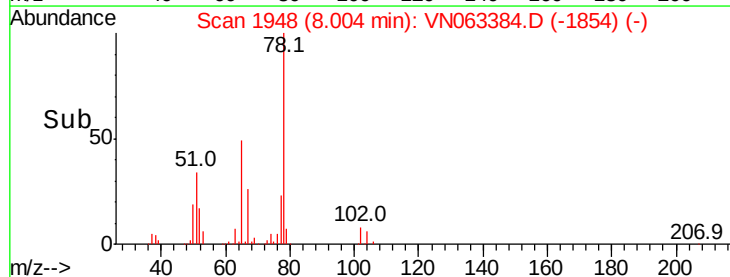
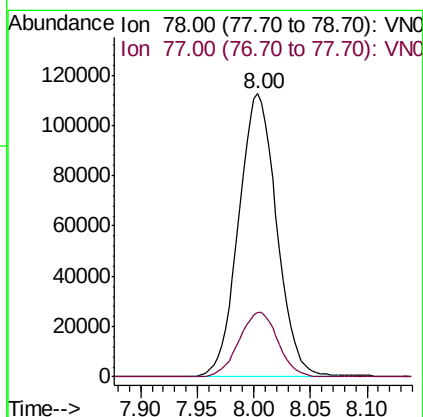
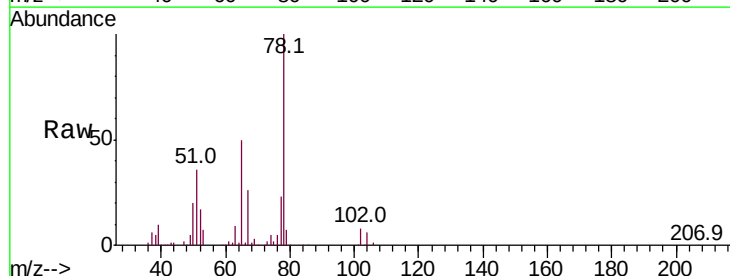
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD02

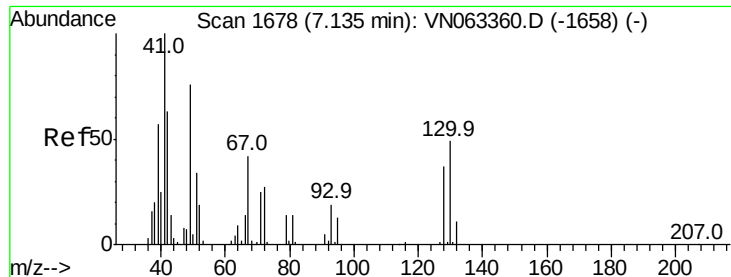
Tot Ion	83	Resp	96261
Ion Ratio	Lower	Upper	
83	100		
55	81.9	65.5	98.3
98	42.7	34.2	51.4



#40
Benzene
Concen: 17.976 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Tgt Ion	78	Resp	263999
Ion Ratio	Lower	Upper	
78	100		
77	22.8	18.3	27.5

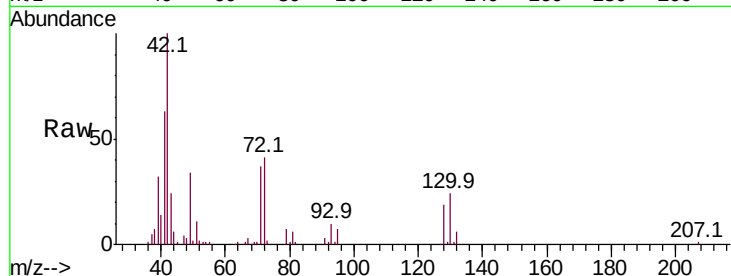




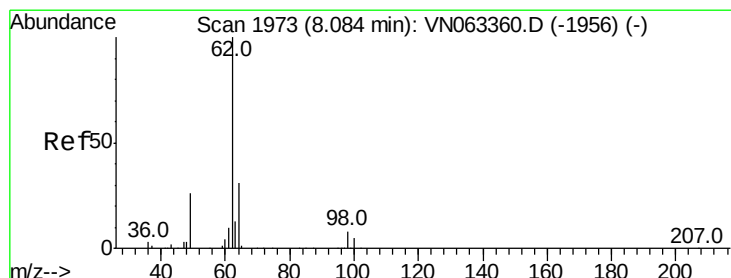
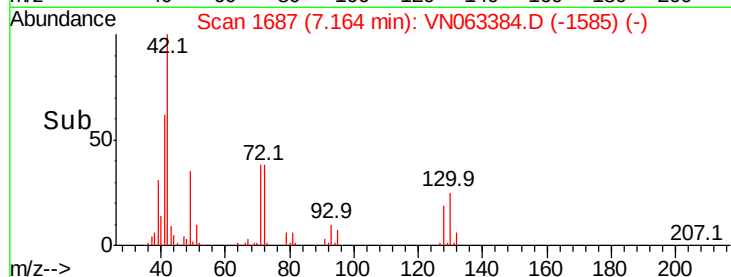
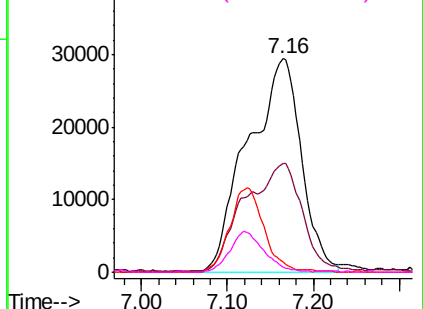
#41
Methacrylonitrile
Concen: 55.966 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD02

Tot Ion:	41	Resp:	127101
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

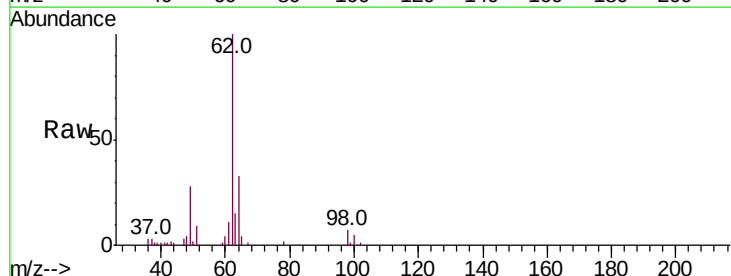


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

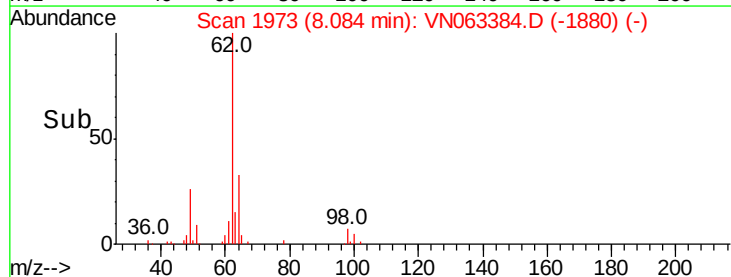
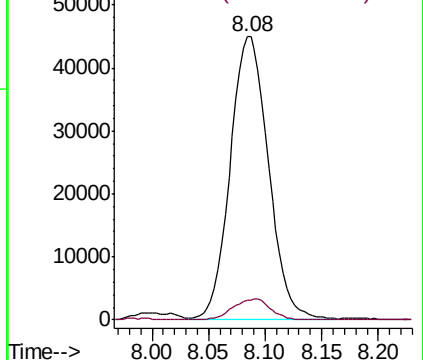


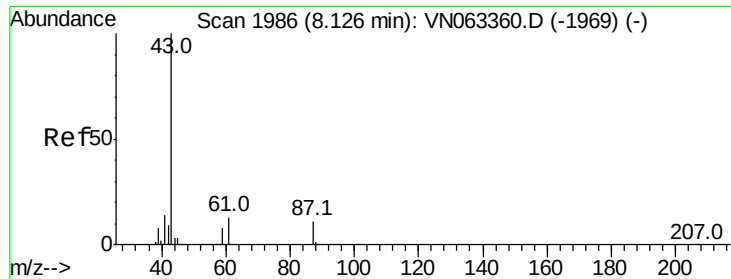
#42
1,2-Dichloroethane
Concen: 17.733 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Tgt Ion:	62	Resp:	104735
Ion	Ratio	Lower	Upper
62	100		
98	7.4	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: 17.065 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD02

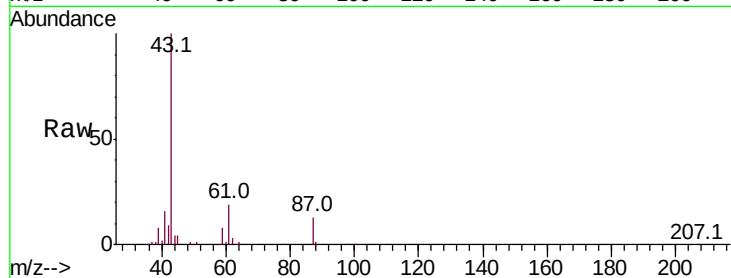
Tot Ion: 43 Resp: 154077

Ion Ratio Lower Upper

43 100

61 24.4 14.2 21.2#

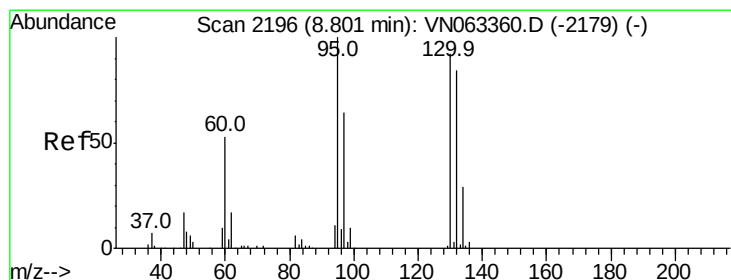
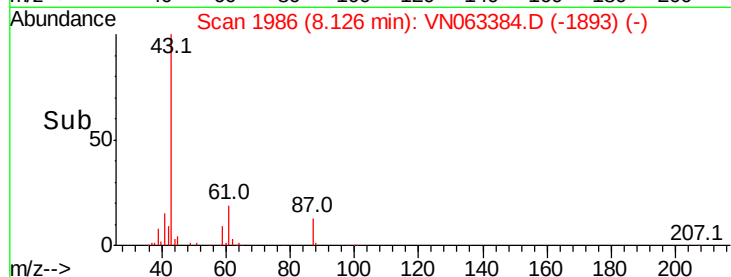
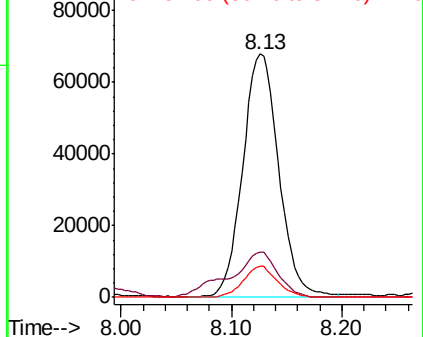
87 11.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 17.908 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063384.D

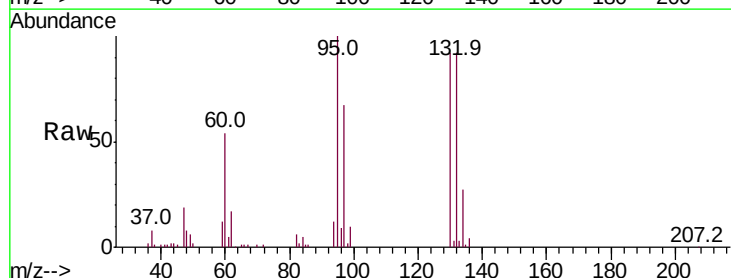
Acq: 16 Sep 2020 23:52

Tgt Ion:130 Resp: 63792

Ion Ratio Lower Upper

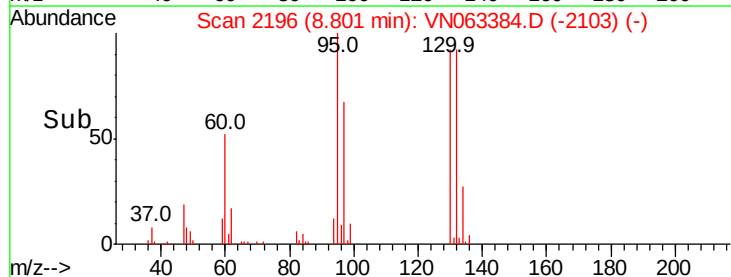
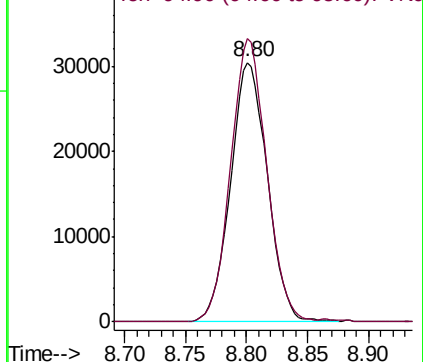
130 100

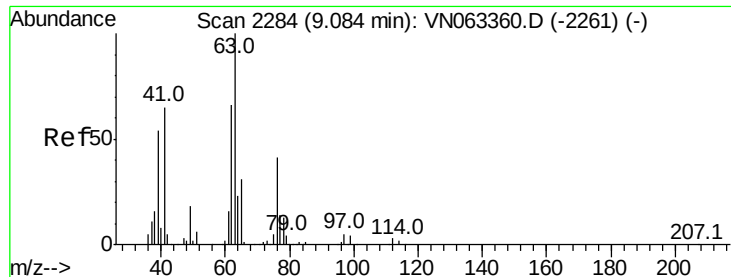
95 109.1 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 18.000 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

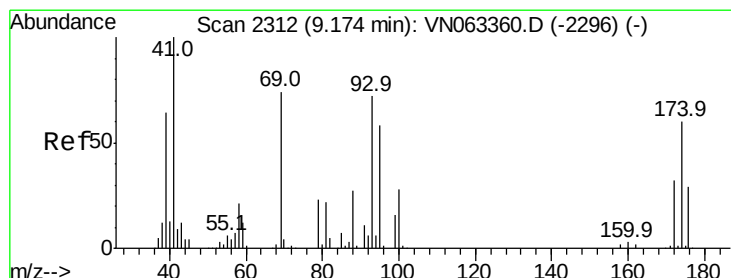
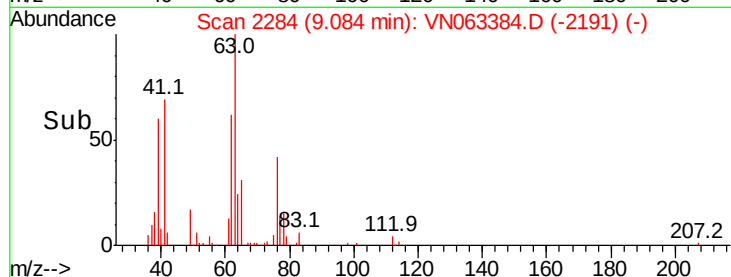
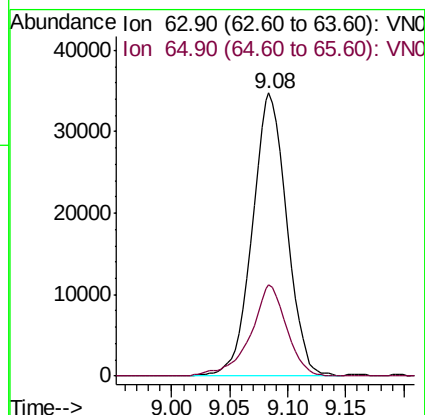
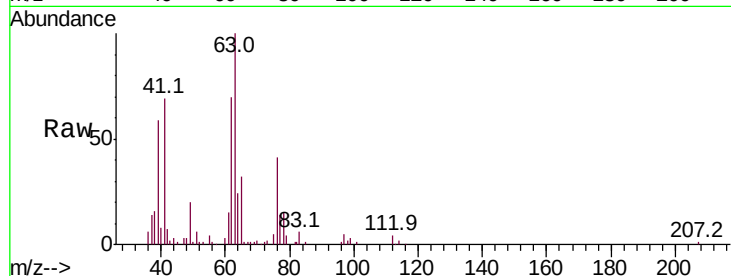
VN0916WBSD02

Tot Ion: 63 Resp: 72000

Ion Ratio Lower Upper

63 100

65 32.4 25.0 37.6



#46

Dibromomethane

Concen: 18.141 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

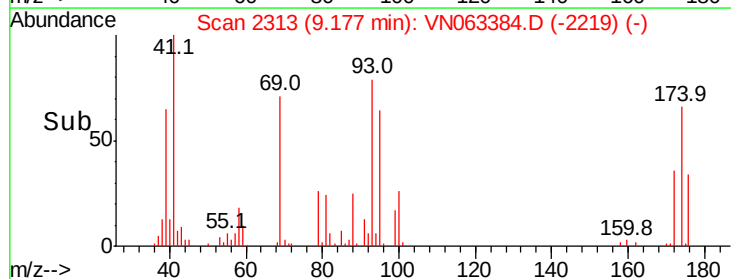
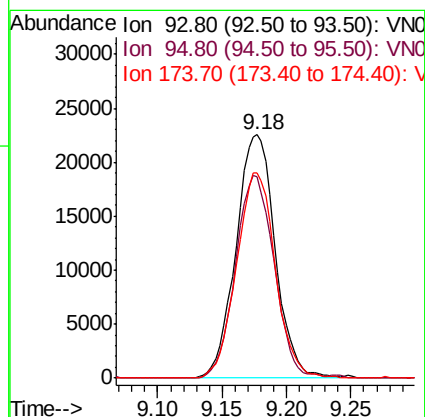
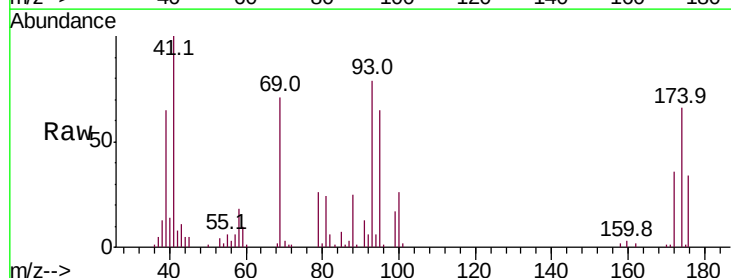
Tgt Ion: 93 Resp: 47694

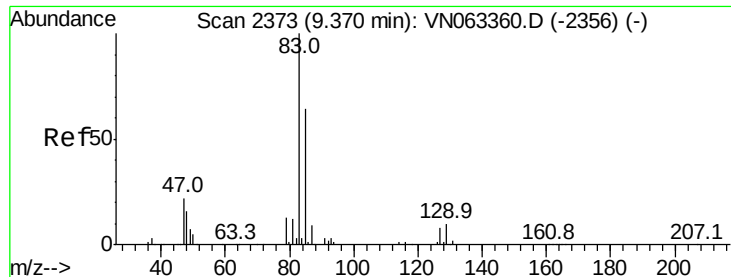
Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

174 83.6 68.1 102.1





#47

Bromodichloromethane

Concen: 17.907 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD02

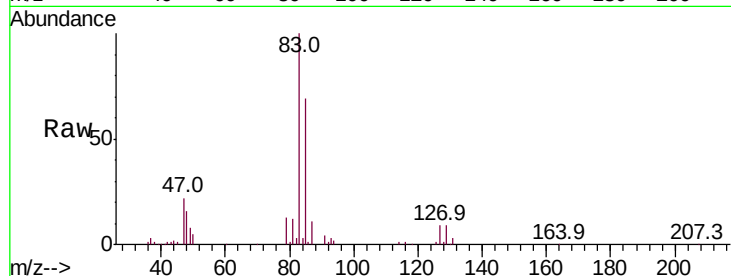
Tot Ion: 83 Resp: 97801

Ion Ratio Lower Upper

83 100

85 69.5 51.0 76.6

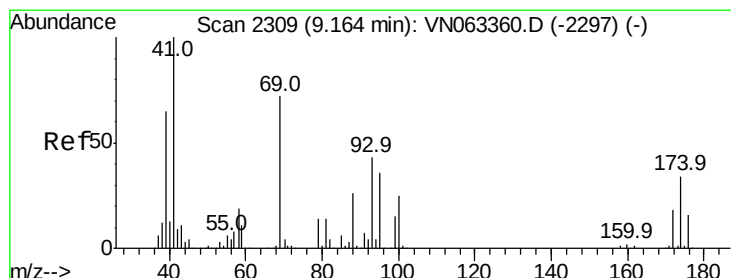
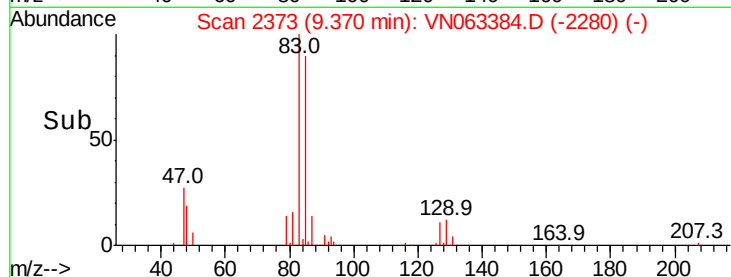
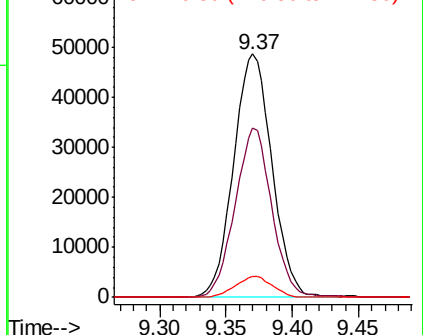
127 8.6 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 17.223 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

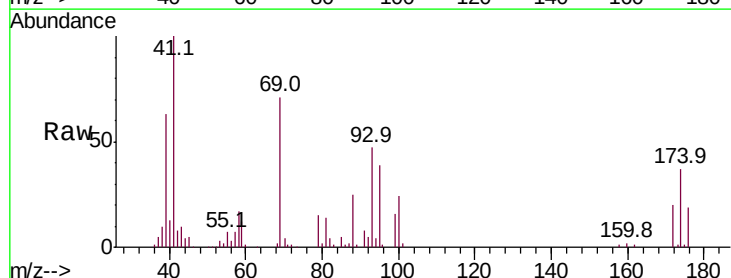
Tgt Ion: 41 Resp: 76400

Ion Ratio Lower Upper

41 100

69 74.5 59.3 88.9

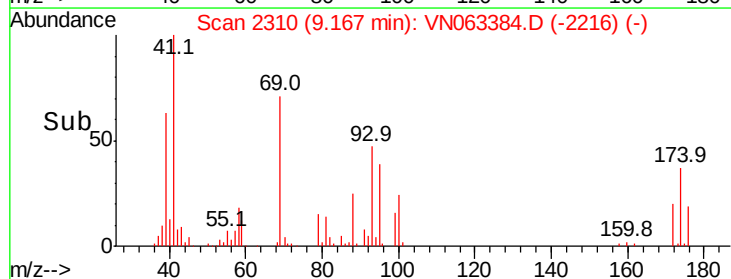
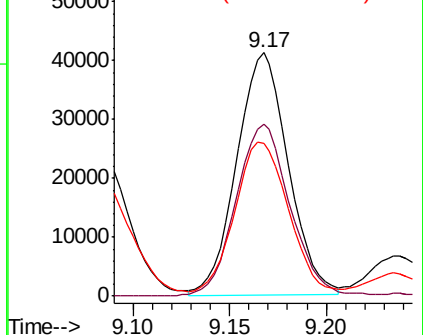
39 67.3 52.9 79.3

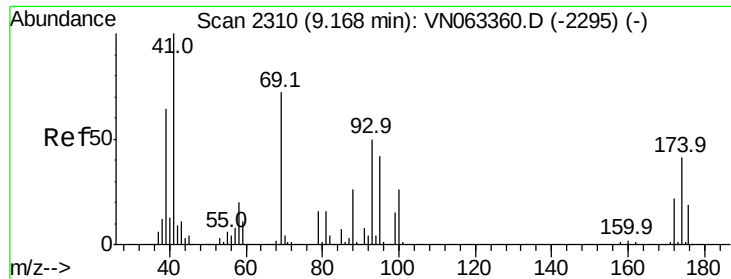


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

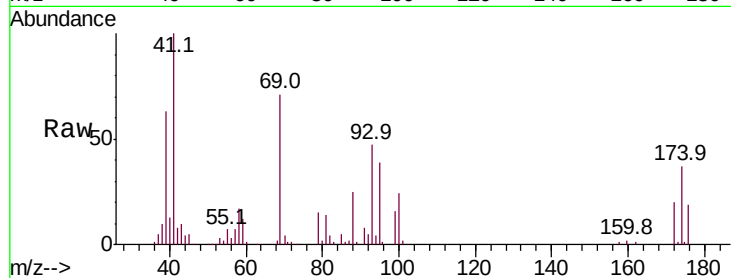




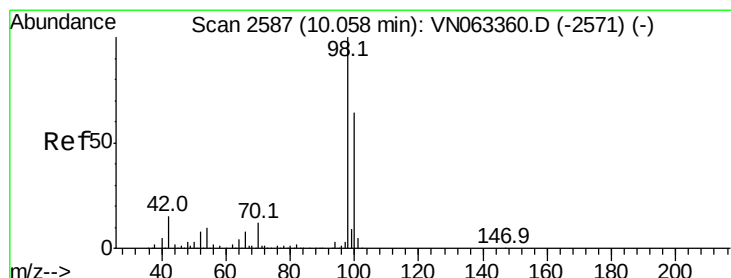
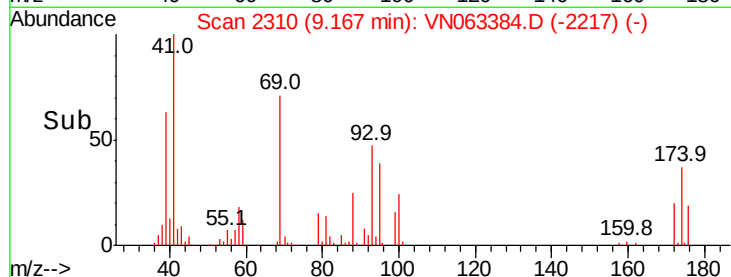
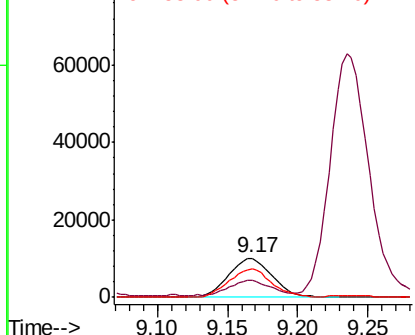
#49
1,4-Dioxane
Concen: 341.681 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD02

Tot Ion: 88 Resp: 21751
Ion Ratio Lower Upper
88 100
43 35.3 32.6 49.0
58 70.6 60.0 90.0

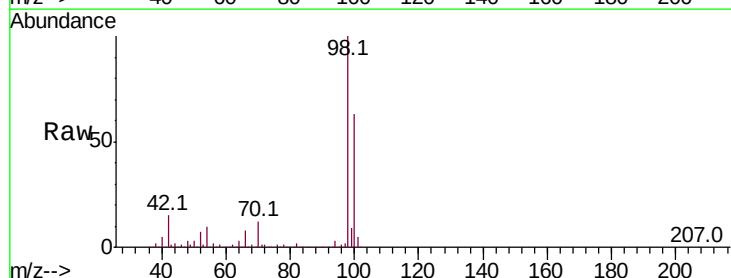


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

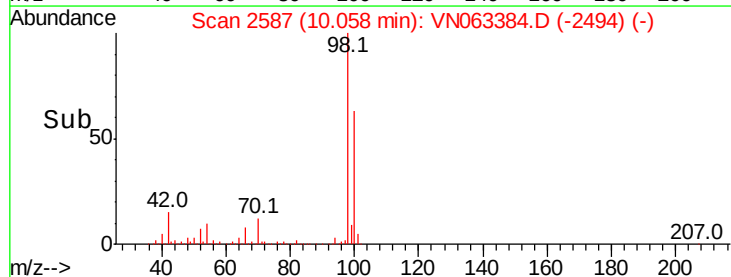
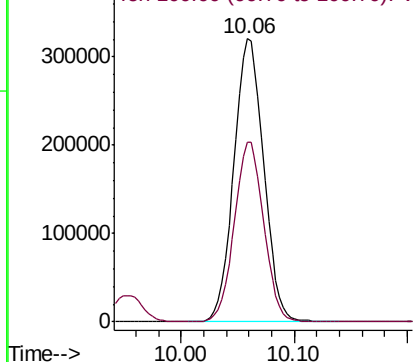


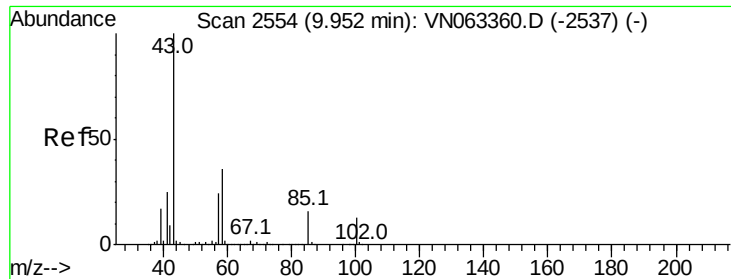
#50
Toluene-d8
Concen: 47.008 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Tgt Ion: 98 Resp: 590930
Ion Ratio Lower Upper
98 100
100 62.3 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 89.184 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

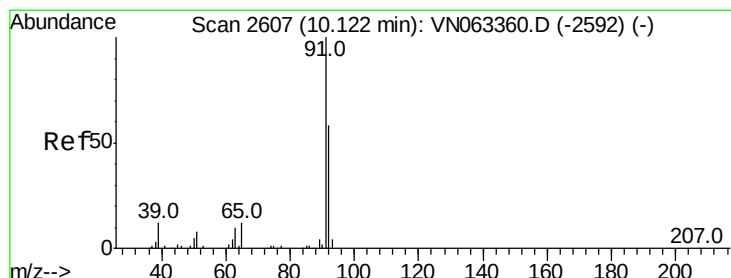
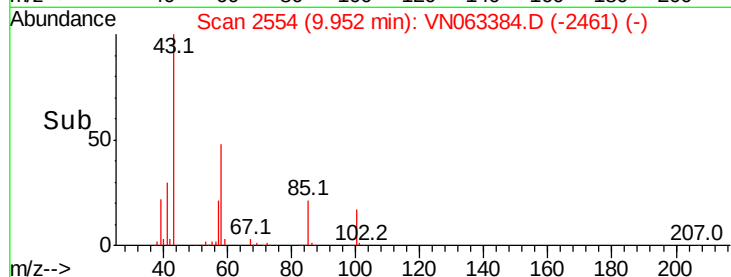
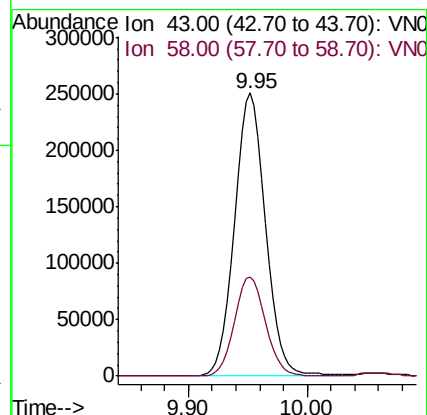
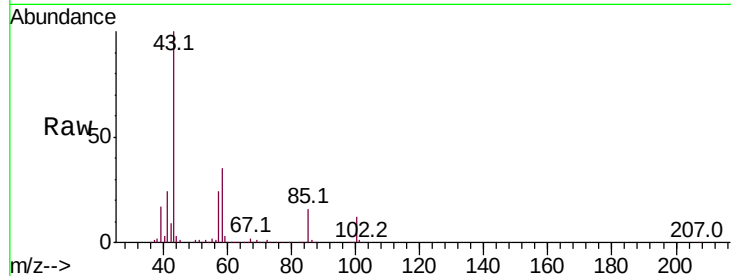
VN0916WBSD02

Tot Ion: 43 Resp: 450799

Ion Ratio Lower Upper

43 100

58 35.3 29.0 43.6



#52

Toluene

Concen: 18.405 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063384.D

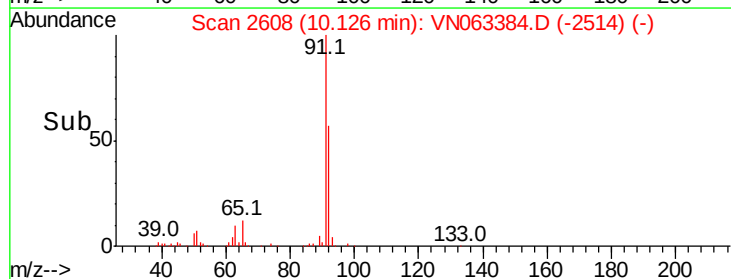
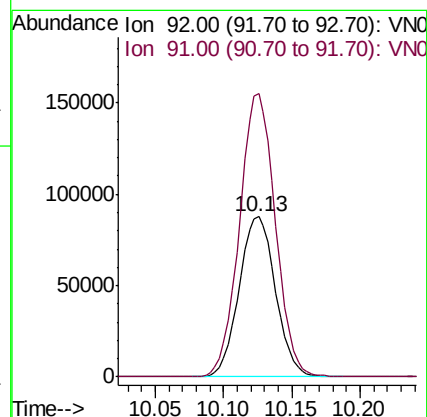
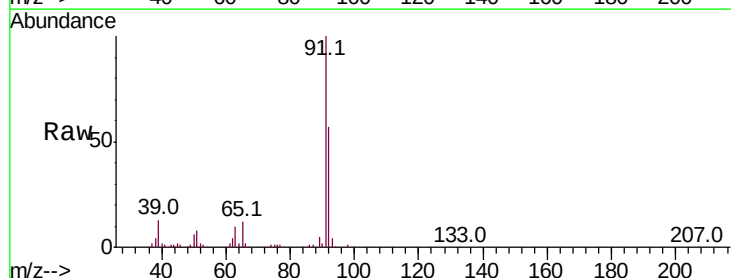
Acq: 16 Sep 2020 23:52

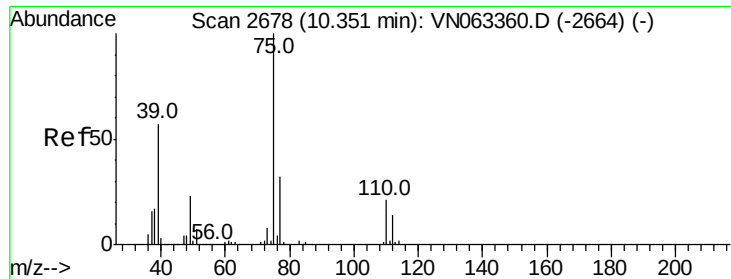
Tgt Ion: 92 Resp: 162519

Ion Ratio Lower Upper

92 100

91 174.2 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 17.341 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

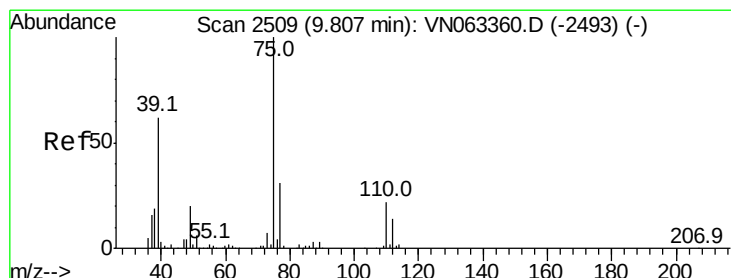
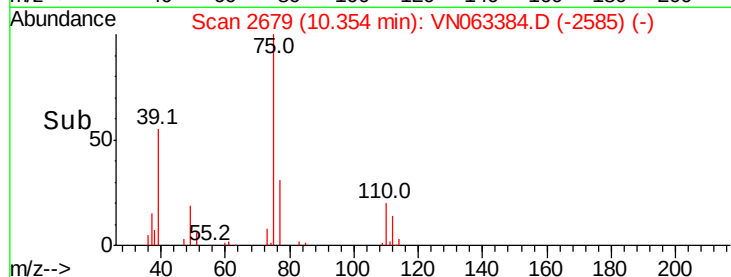
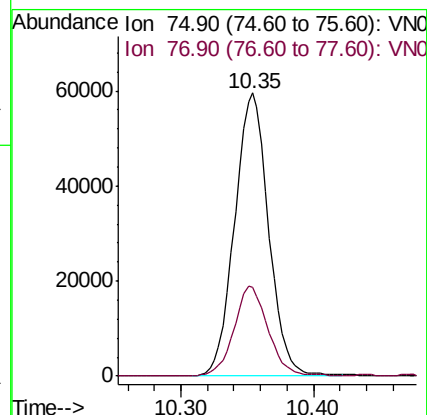
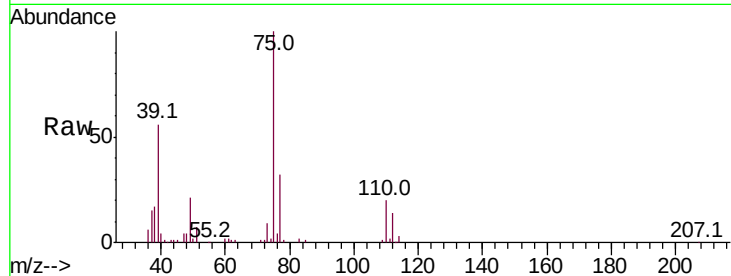
VN0916WBSD02

Tot Ion: 75 Resp: 105736

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.524 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

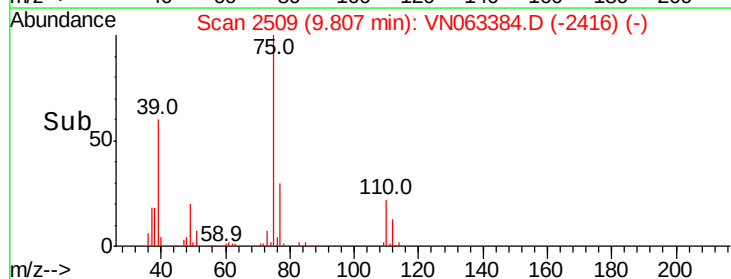
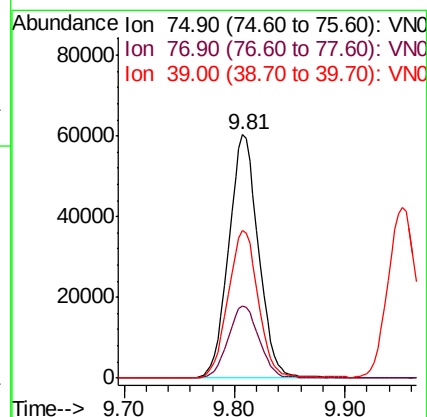
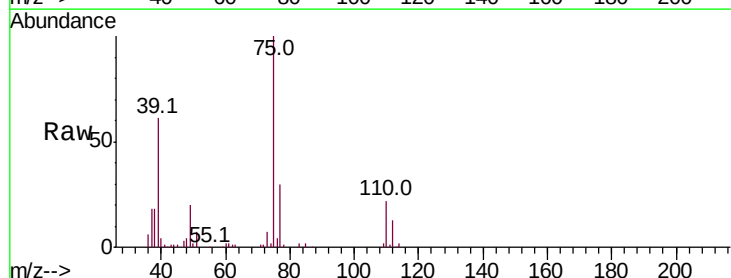
Tgt Ion: 75 Resp: 112709

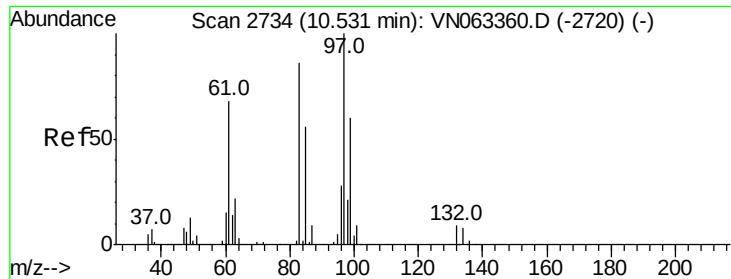
Ion Ratio Lower Upper

75 100

77 29.6 24.6 37.0

39 60.5 49.8 74.8

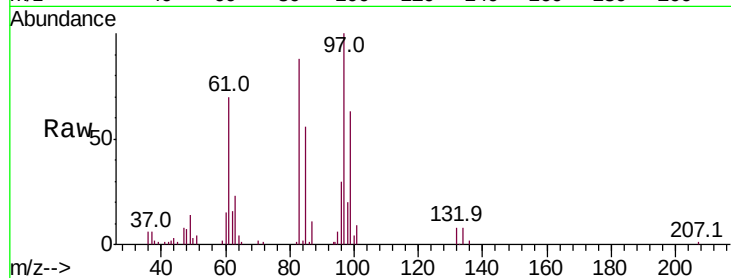




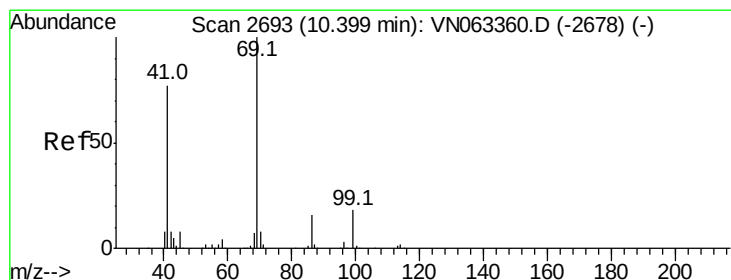
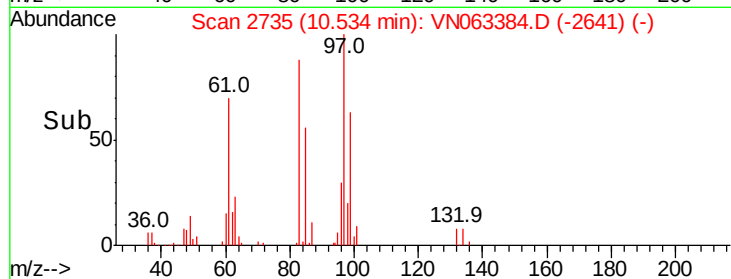
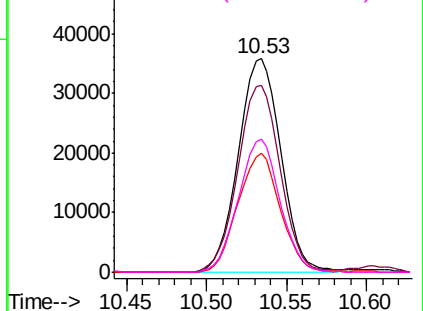
#55
 1,1,2-Trichloroethane
 Concen: 18.559 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD02

Tot Ion: 97 Resp: 65094
 Ion Ratio Lower Upper
 97 100
 83 87.8 68.9 103.3
 85 55.9 44.8 67.2
 99 62.6 47.8 71.8

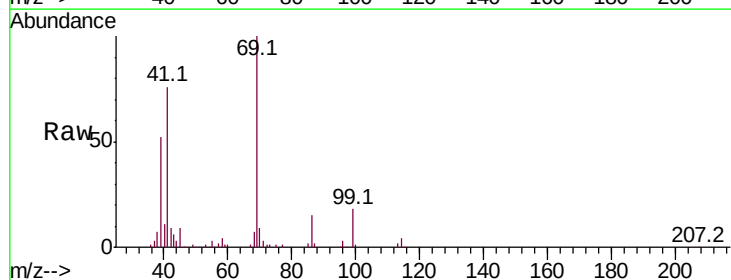


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

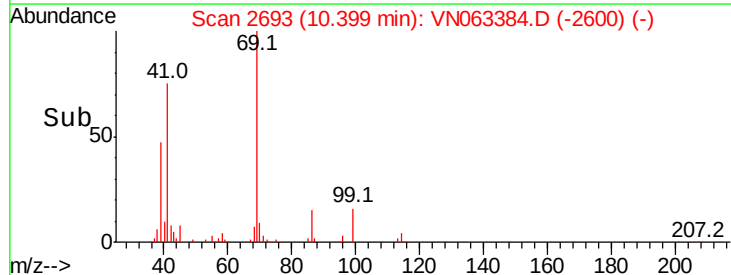
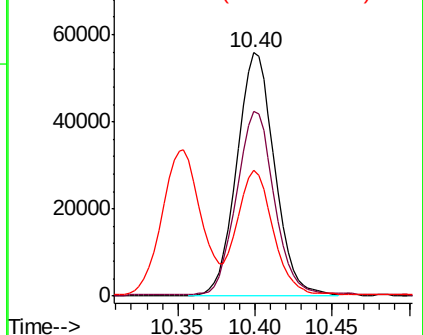


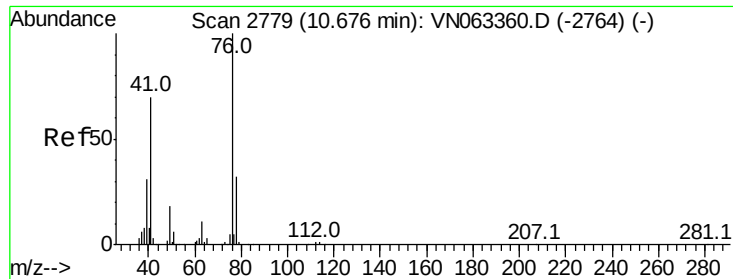
#56
 Ethyl methacrylate
 Concen: 17.399 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

Tgt Ion: 69 Resp: 95268
 Ion Ratio Lower Upper
 69 100
 41 74.7 61.0 91.6
 39 50.1 39.2 58.8



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





#57

1,3-Dichloropropane

Concen: 17.357 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

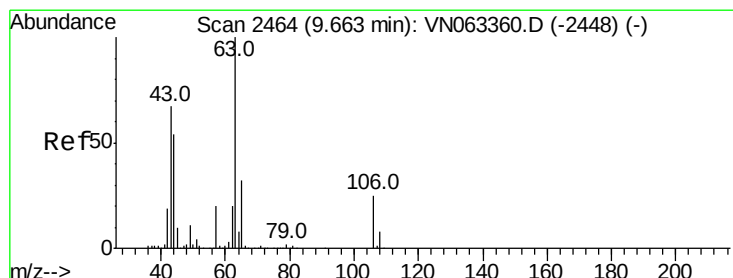
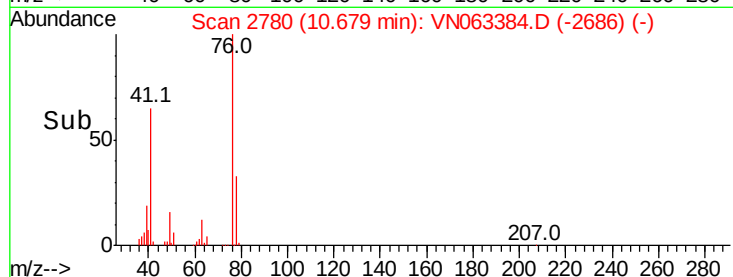
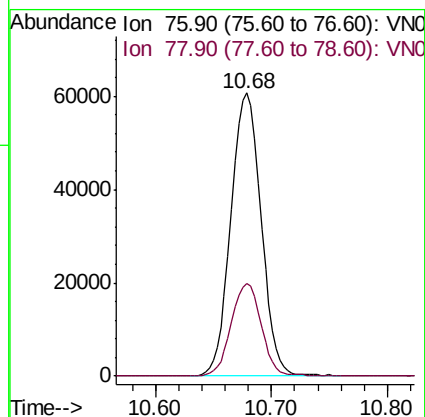
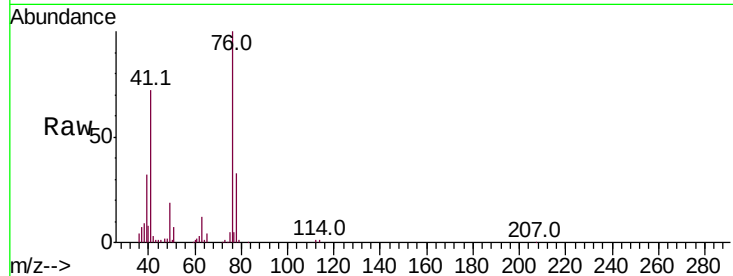
VN0916WBSD02

Tot Ion: 76 Resp: 109779

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 89.246 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063384.D

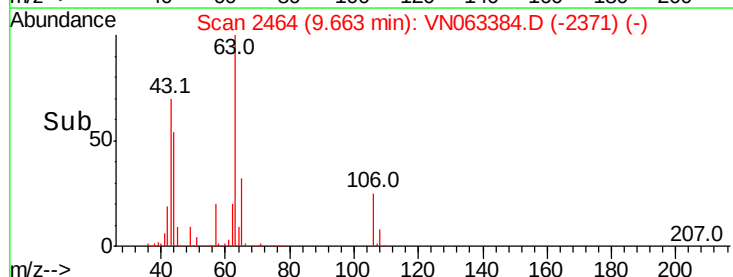
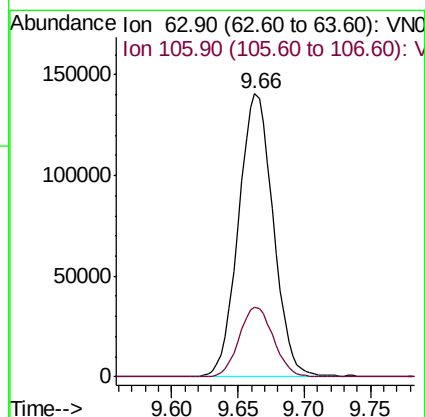
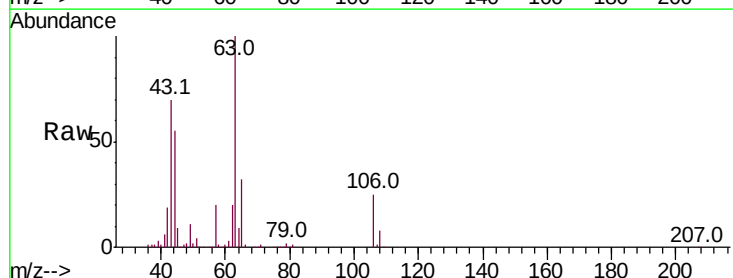
Acq: 16 Sep 2020 23:52

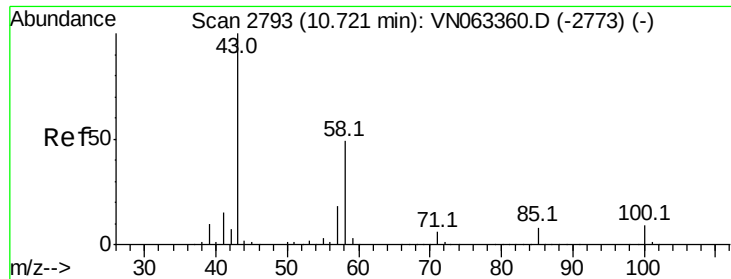
Tgt Ion: 63 Resp: 256339

Ion Ratio Lower Upper

63 100

106 24.5 19.5 29.3





#59

2-Hexanone

Concen: 86.897 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

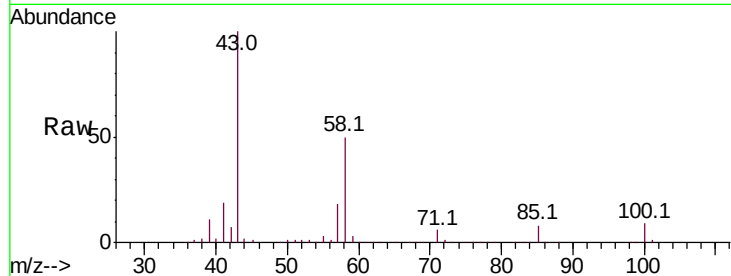
VN0916WBSD02

Tot Ion: 43 Resp: 318216

Ion Ratio Lower Upper

43 100

58 50.0 24.7 74.1

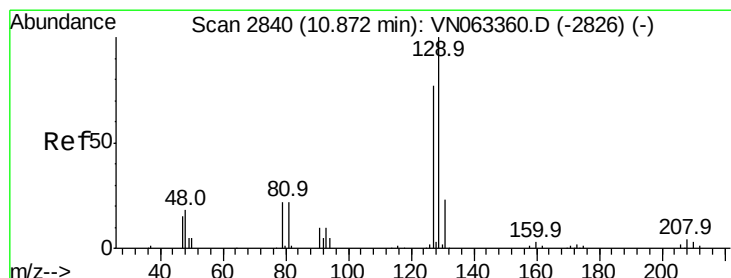
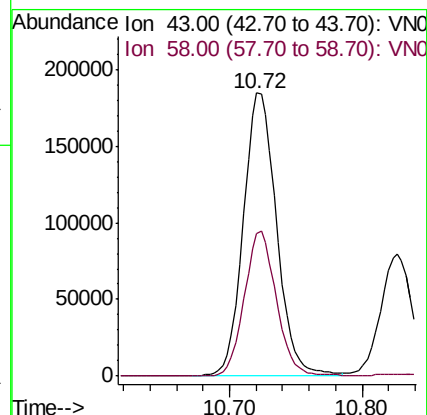
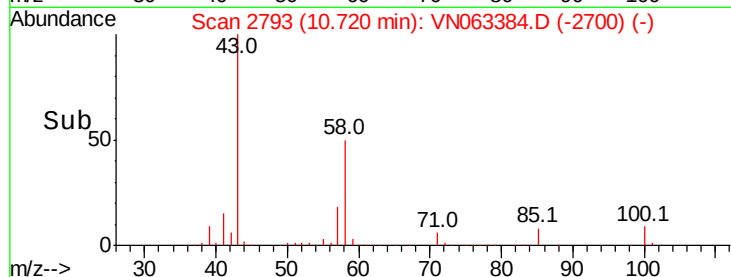


Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-2773) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-2773) (-)

10.72

10.80



#60

Dibromochloromethane

Concen: 17.522 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN063384.D

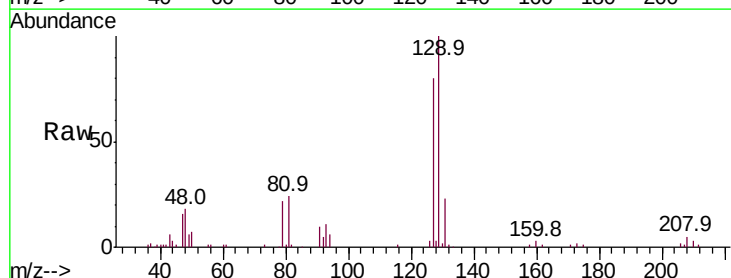
Acq: 16 Sep 2020 23:52

Tgt Ion: 129 Resp: 69429

Ion Ratio Lower Upper

129 100

127 78.7 39.1 117.3

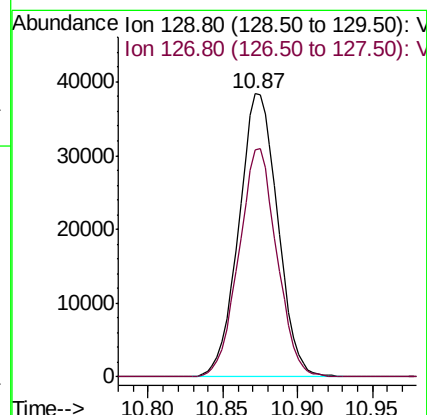
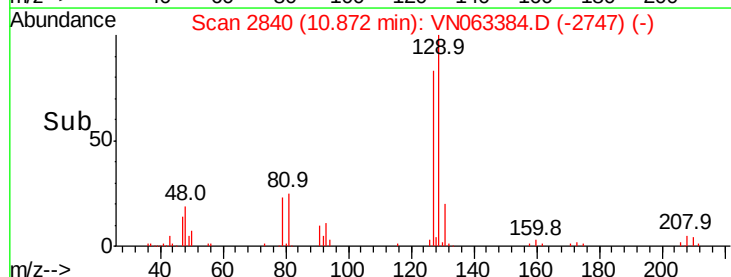


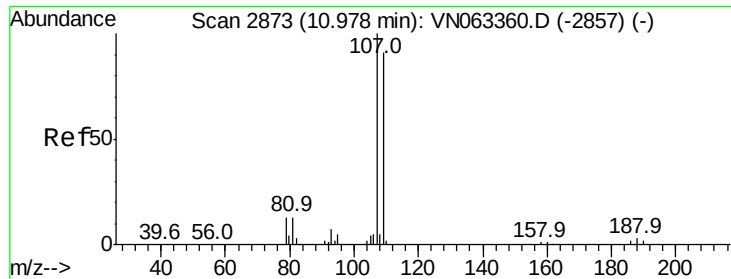
Abundance Ion 128.80 (128.50 to 129.50): VN063360.D (-2826) (-)

Ion 126.80 (126.50 to 127.50): VN063360.D (-2826) (-)

10.87

10.95





#61

1,2-Dibromoethane

Concen: 17.456 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

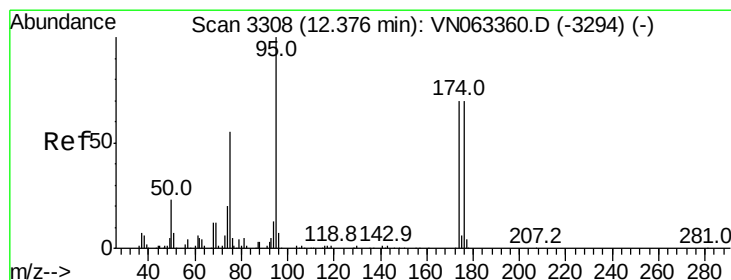
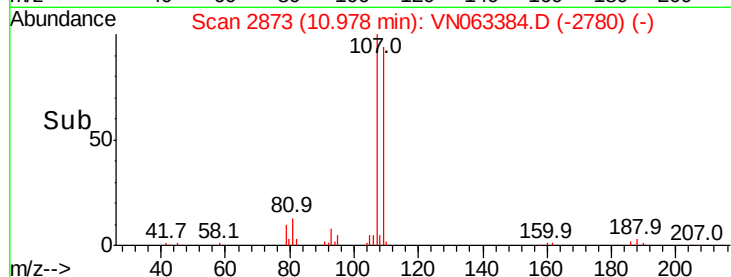
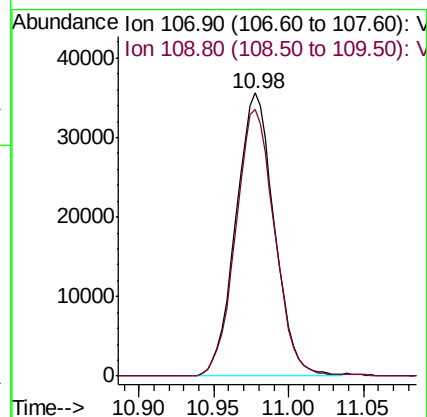
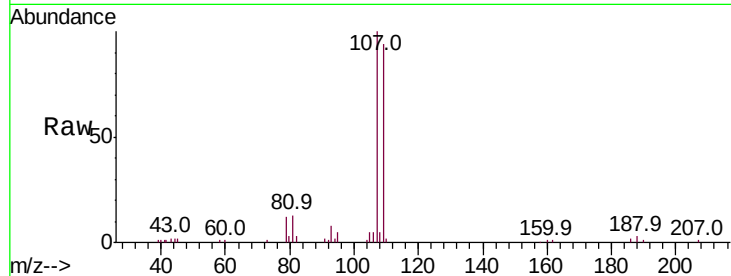
VN0916WBSD02

Tot Ion:107 Resp: 63608

Ion Ratio Lower Upper

107 100

109 95.3 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 47.070 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

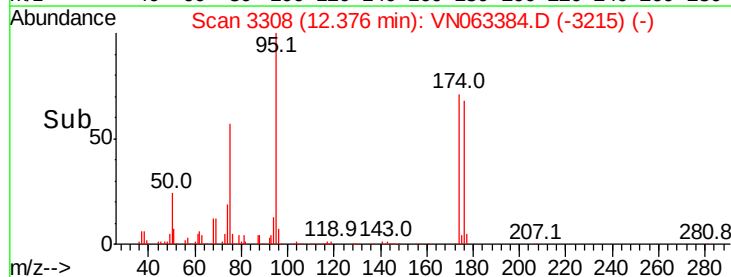
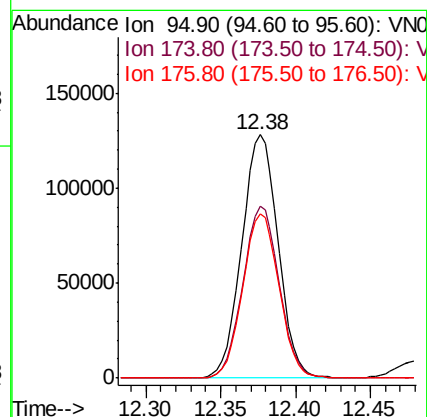
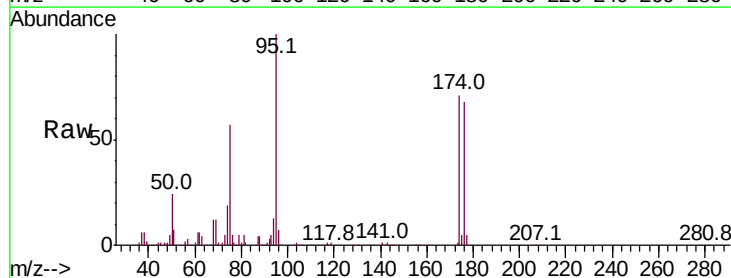
Tgt Ion: 95 Resp: 216911

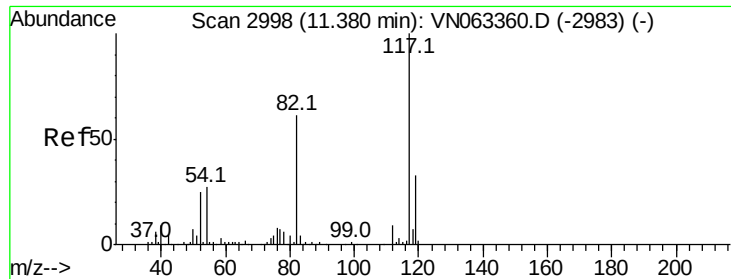
Ion Ratio Lower Upper

95 100

174 70.6 0.0 140.8

176 67.6 0.0 137.6

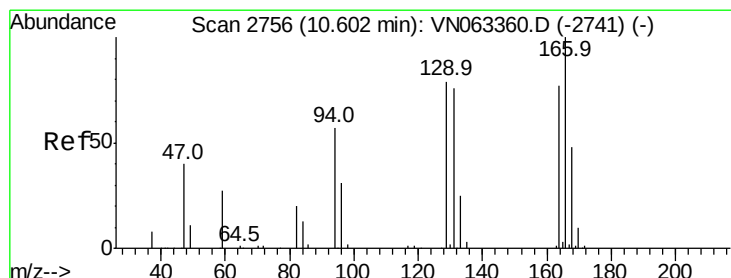
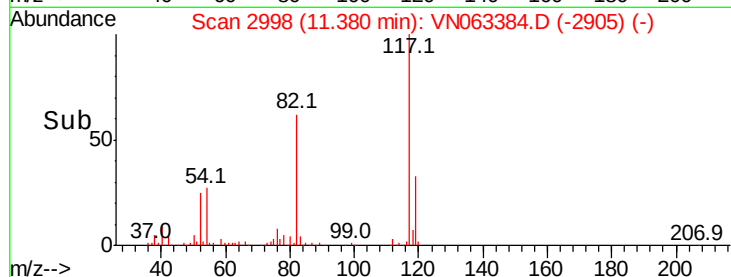
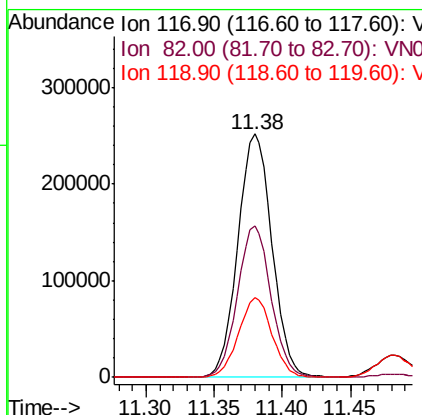
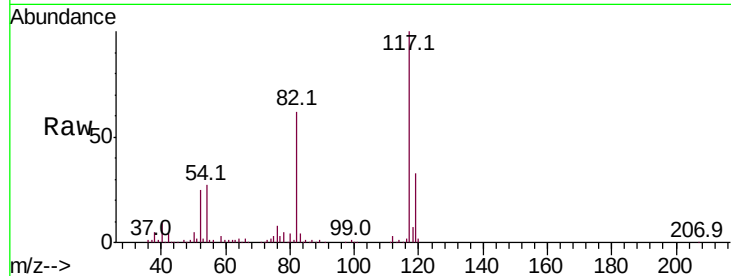




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

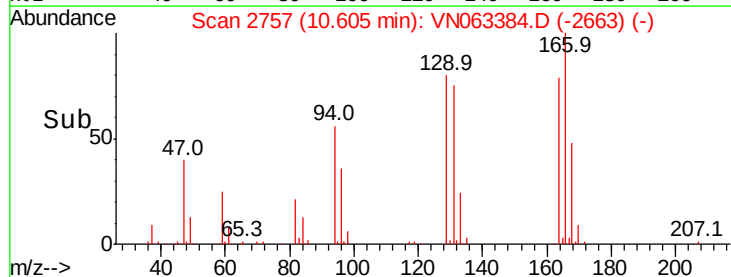
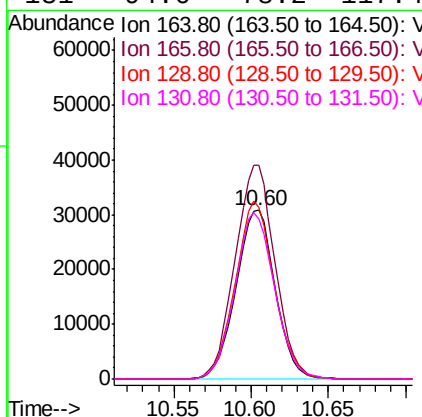
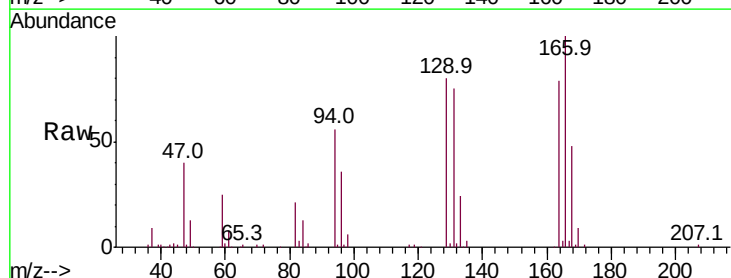
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD02

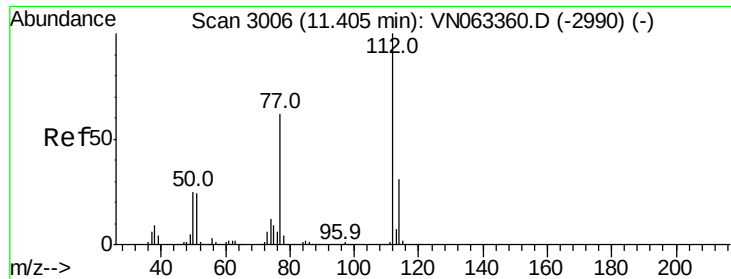
Tot Ion:117 Resp: 438257
Ion Ratio Lower Upper
117 100
82 62.4 49.2 73.8
119 32.6 26.2 39.4



#64
Tetrachloroethene
Concen: 18.149 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Tgt Ion:164 Resp: 54159
Ion Ratio Lower Upper
164 100
166 126.6 103.4 155.0
129 101.6 81.8 122.6
131 94.6 78.2 117.4

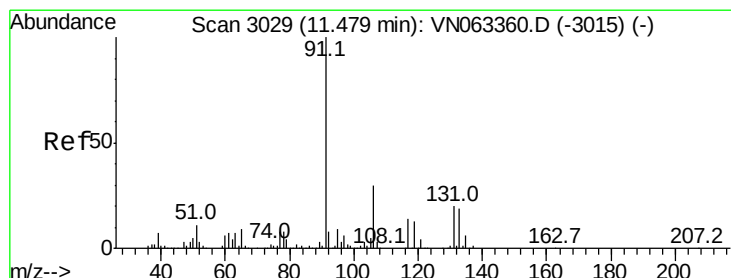
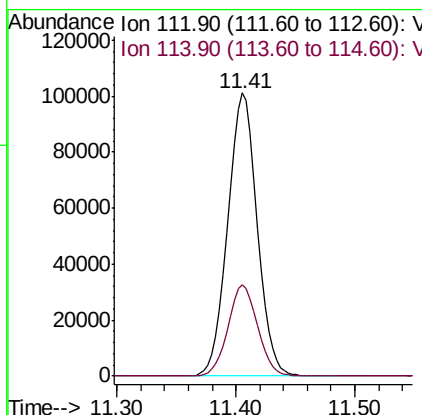
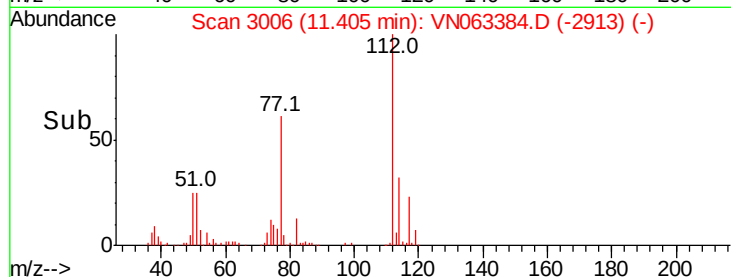
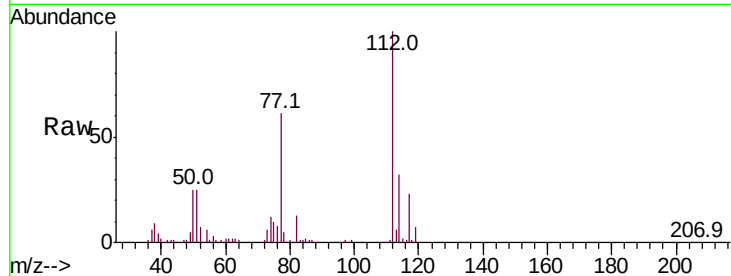




#65
Chlorobenzene
Concen: 18.637 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

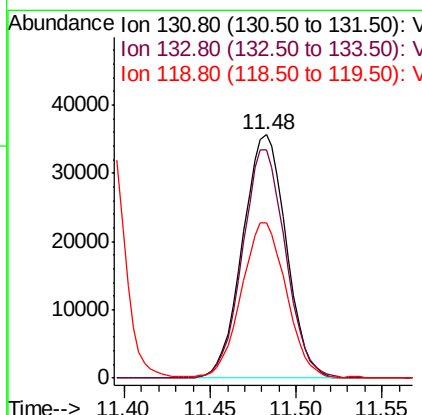
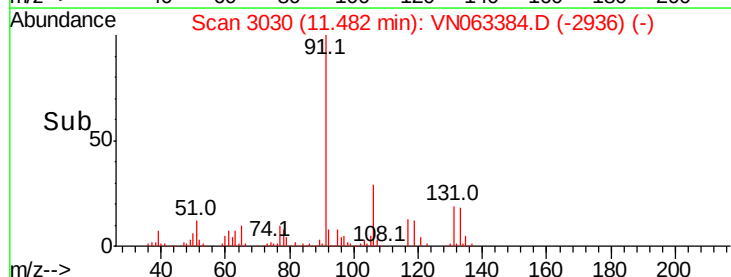
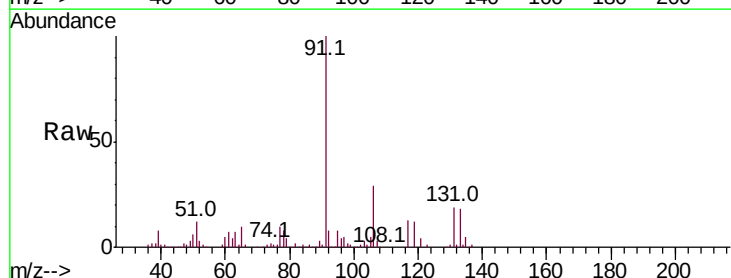
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD02

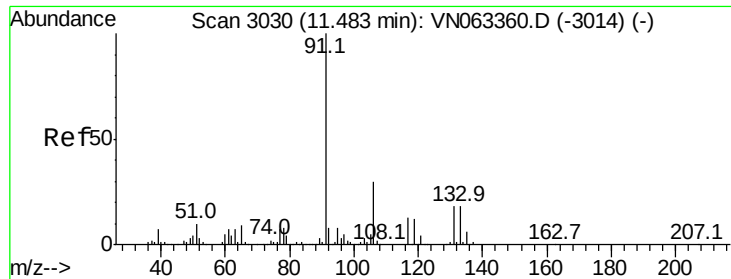
Tot Ion:112 Resp: 173378
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.412 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Tgt Ion:131 Resp: 62788
Ion Ratio Lower Upper
131 100
133 93.0 47.3 141.9
119 65.8 33.6 100.8

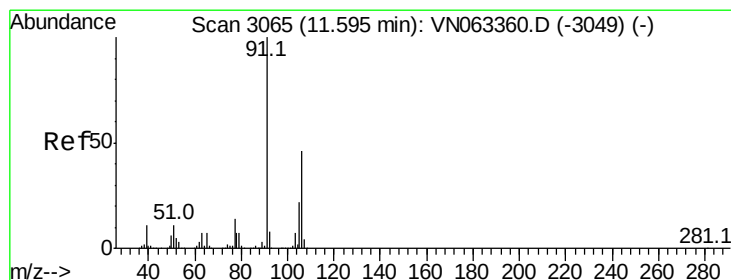
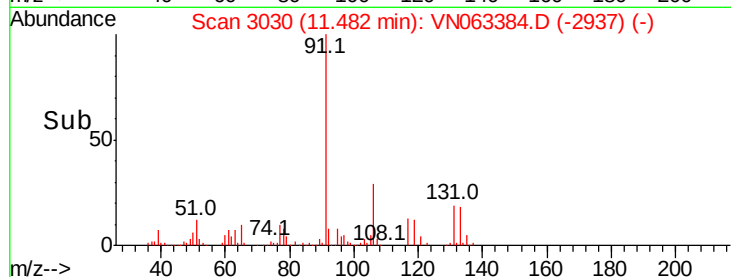
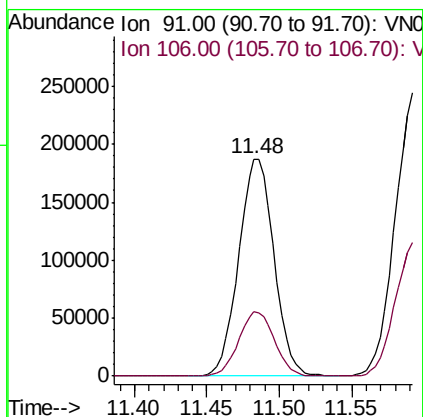
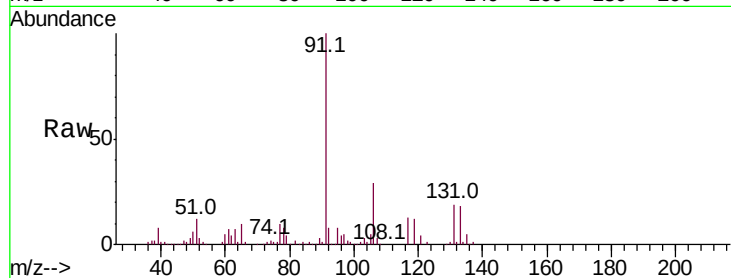




#67
Ethyl Benzene
Concen: 18.121 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

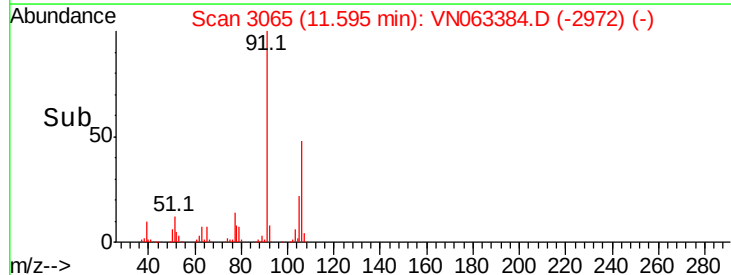
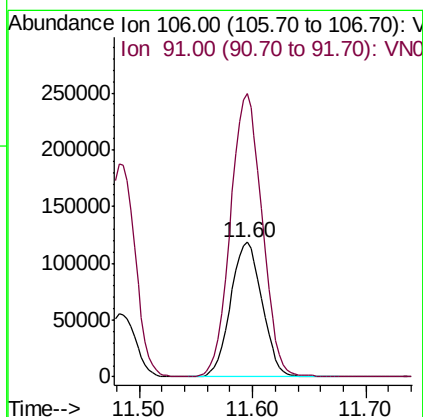
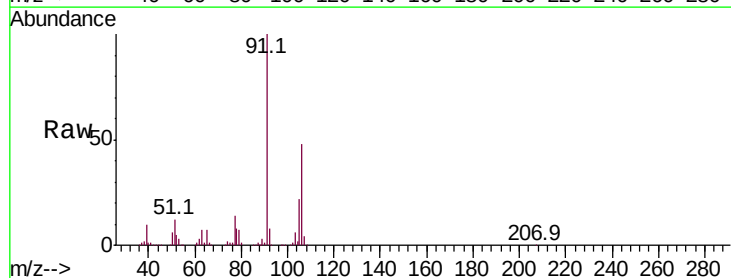
Instrument :
MSVOA_N
ClientSampleID :
VN0916WBSD02

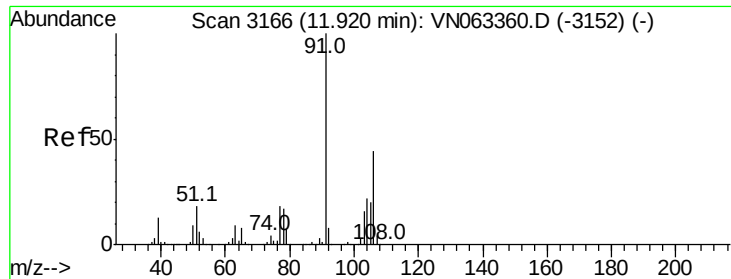
Tot Ion: 91 Resp: 317460
Ion Ratio Lower Upper
91 100
106 29.4 23.8 35.6



#68
m/p-Xylenes
Concen: 36.282 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Tgt Ion: 106 Resp: 229181
Ion Ratio Lower Upper
106 100
91 211.2 171.2 256.8

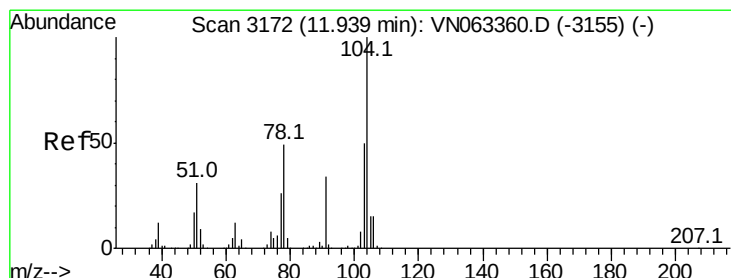
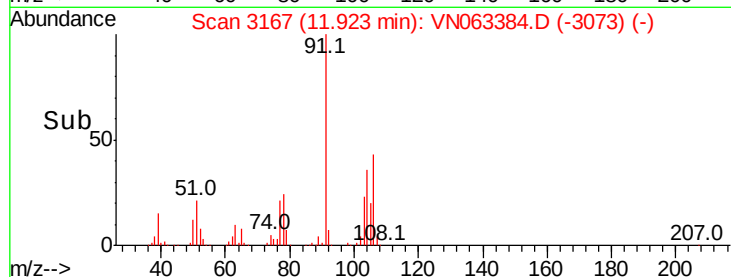
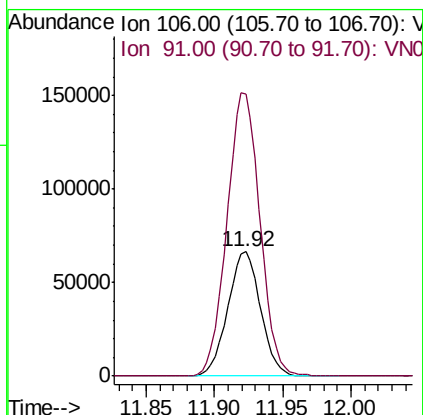
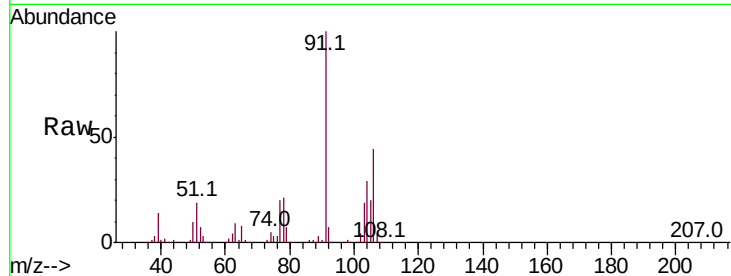




#69
o-Xylene
Concen: 18.414 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

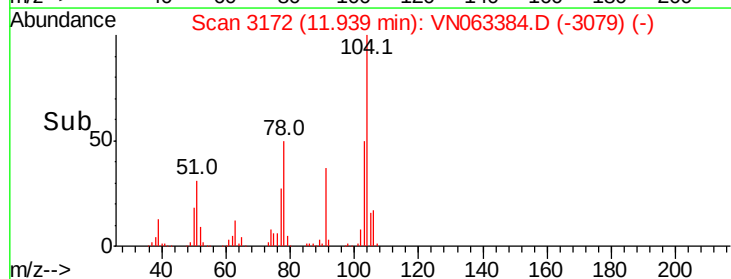
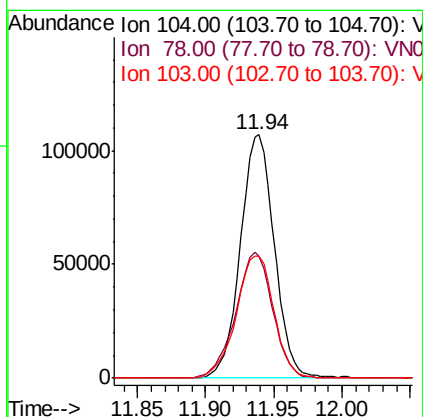
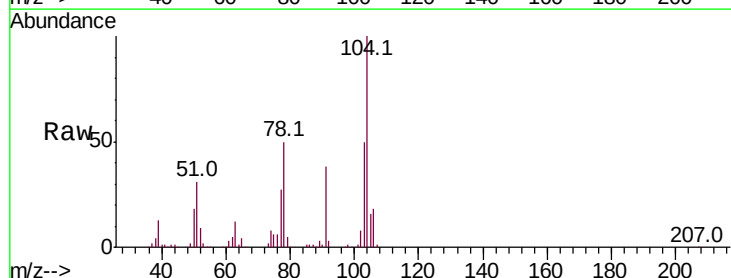
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD02

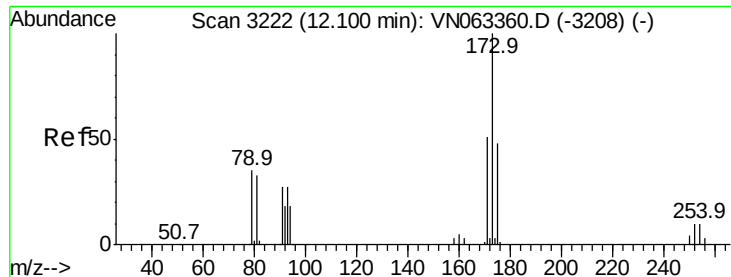
Tot Ion:106 Resp: 110800
Ion Ratio Lower Upper
106 100
91 230.2 113.6 340.8



#70
Styrene
Concen: 18.322 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063384.D
Acq: 16 Sep 2020 23:52

Tgt Ion:104 Resp: 184880
Ion Ratio Lower Upper
104 100
78 56.5 44.4 66.6
103 55.9 43.7 65.5





#71

Bromoform

Concen: 17.612 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD02

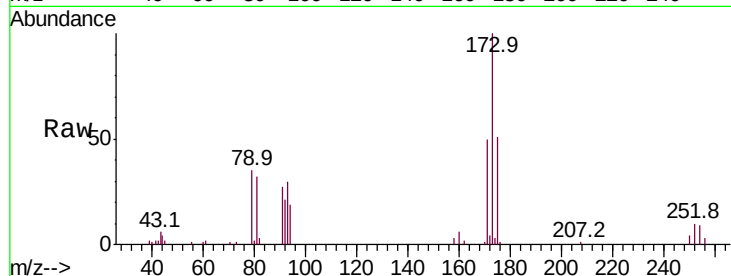
Tot Ion:173 Resp: 44743

Ion Ratio Lower Upper

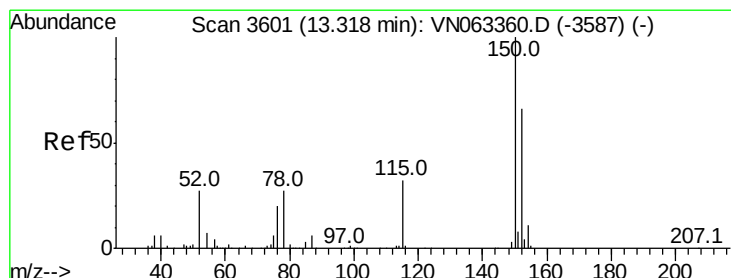
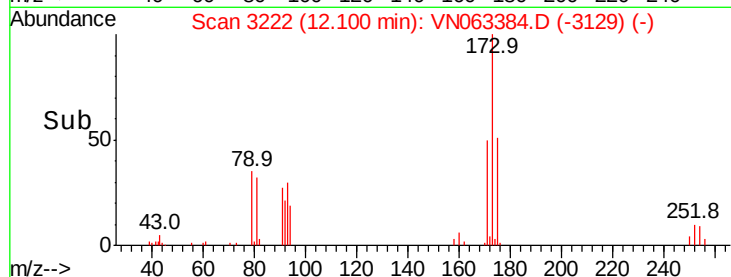
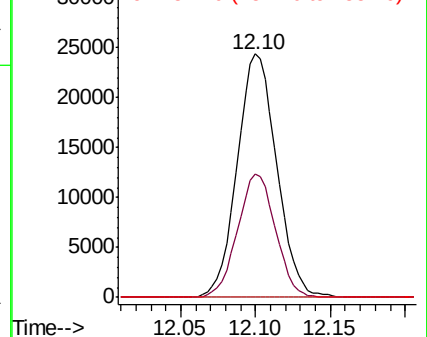
173 100

175 48.5 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: VN063384.D

Acq: 16 Sep 2020 23:52

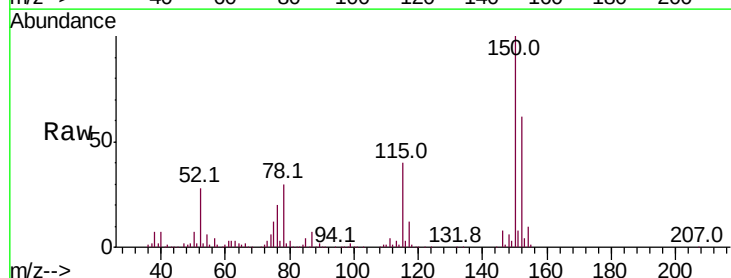
Tgt Ion:152 Resp: 198124

Ion Ratio Lower Upper

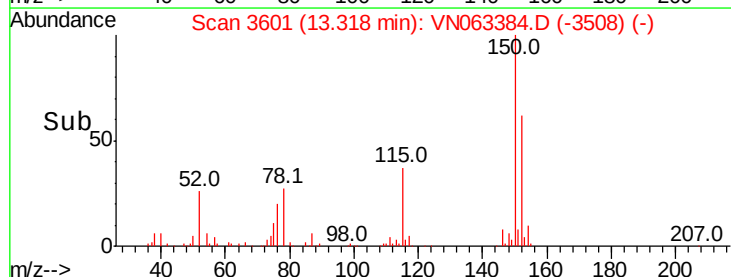
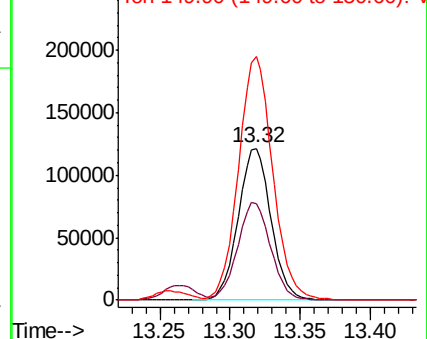
152 100

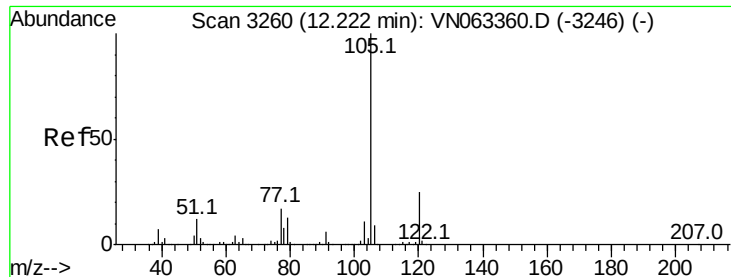
115 64.3 32.2 96.6

150 166.1 0.0 343.4



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





#73

Isopropylbenzene

Concen: 18.881 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

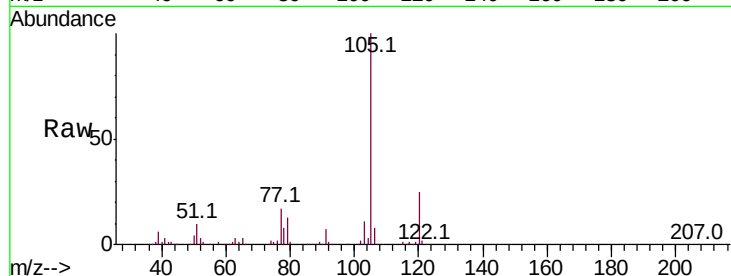
VN0916WBSD02

Tot Ion:105 Resp: 299766

Ion Ratio Lower Upper

105 100

120 25.3 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

200000

150000

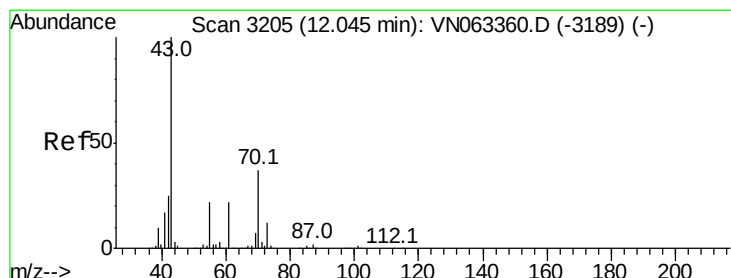
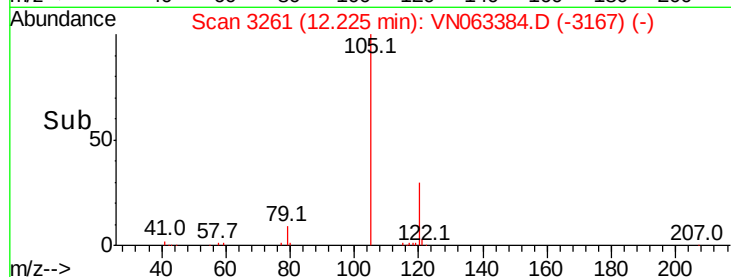
100000

50000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 18.033 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Tgt Ion: 43 Resp: 135529

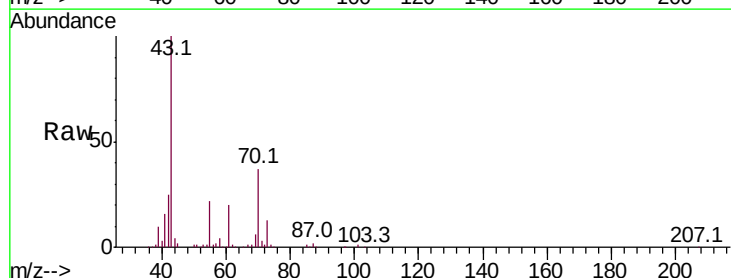
Ion Ratio Lower Upper

43 100

70 36.6 29.6 44.4

55 22.2 17.7 26.5

61 21.6 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

120000

100000

80000

60000

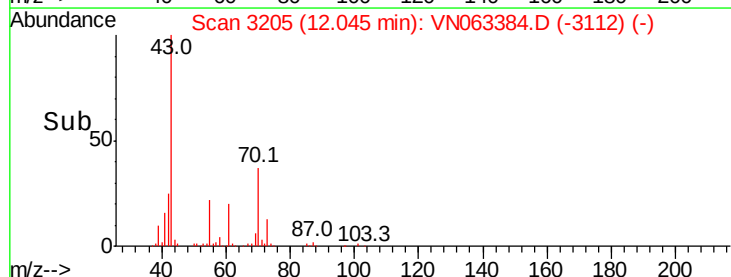
40000

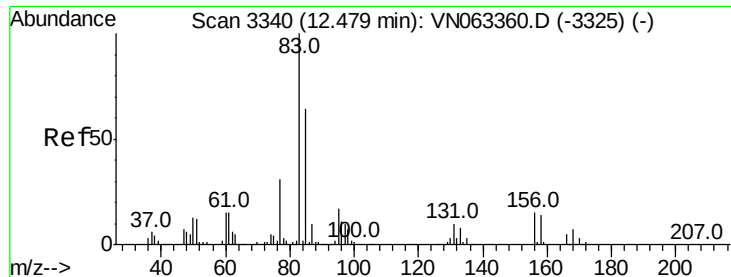
20000

0

Time-->

11.95 12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 18.427 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD02

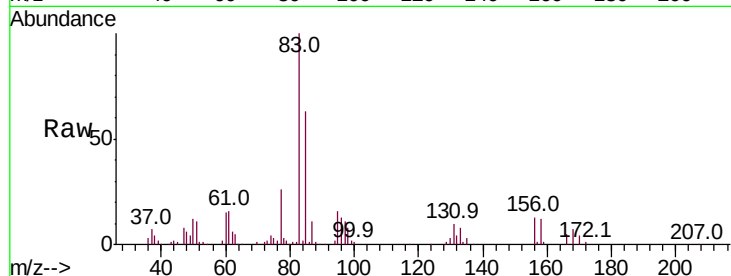
Tot Ion: 83 Resp: 90585

Ion Ratio Lower Upper

83 100

131 10.3 4.9 14.7

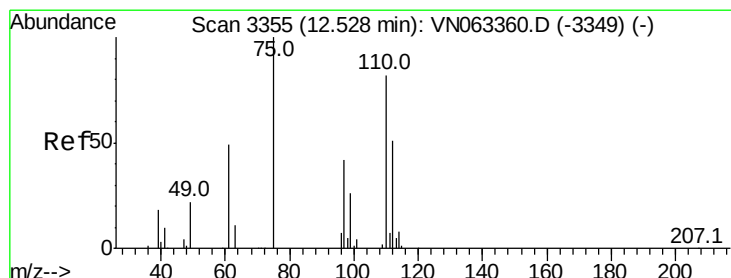
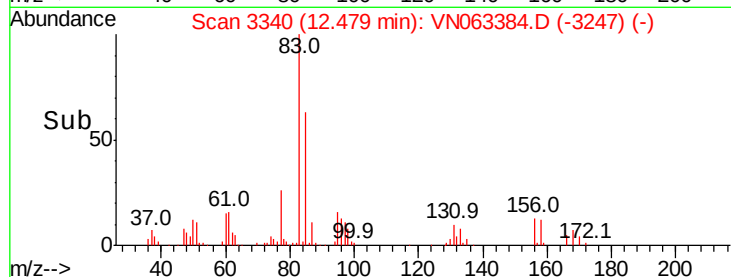
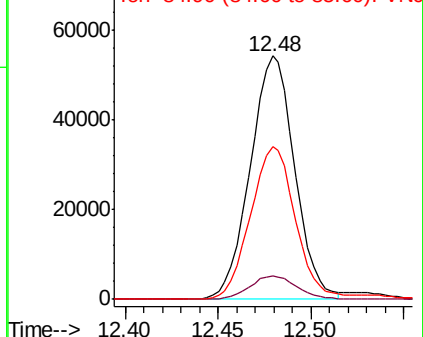
85 63.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.207 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063384.D

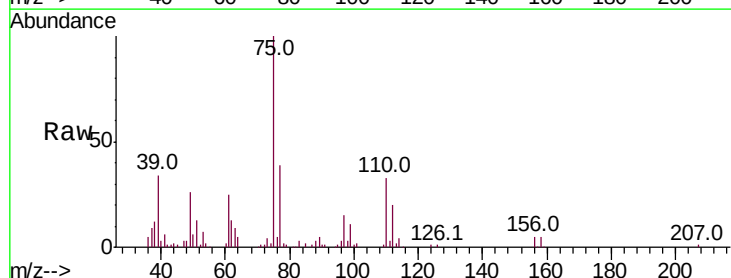
Acq: 16 Sep 2020 23:52

Tgt Ion: 75 Resp: 123611

Ion Ratio Lower Upper

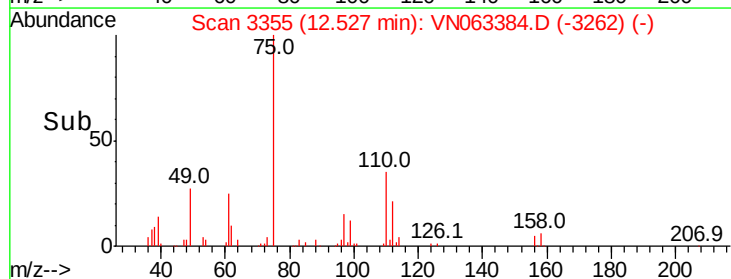
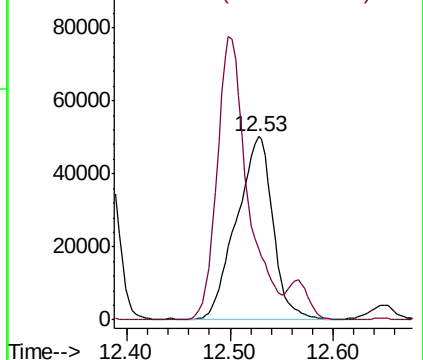
75 100

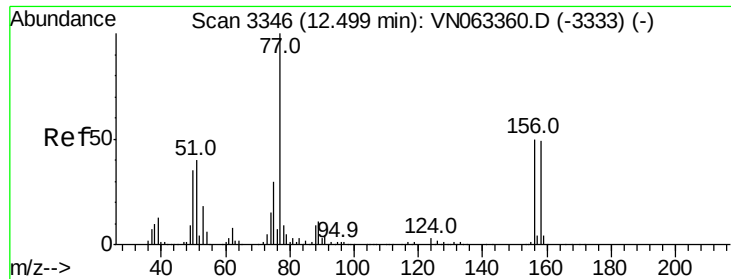
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.736 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampled :

VN0916WBSD02

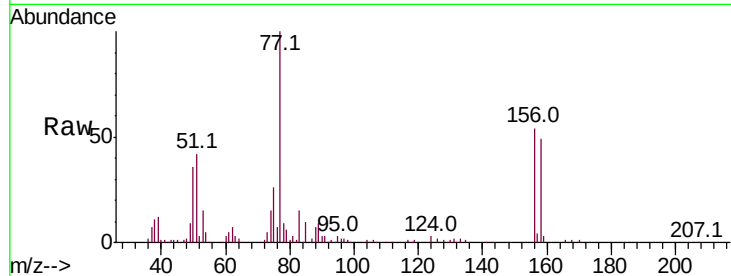
Tot Ion:156 Resp: 70484

Ion Ratio Lower Upper

156 100

77 226.9 120.2 360.6

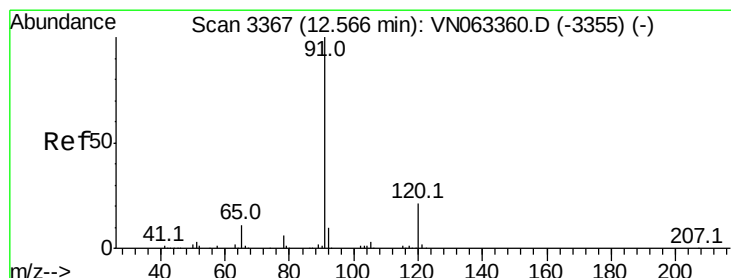
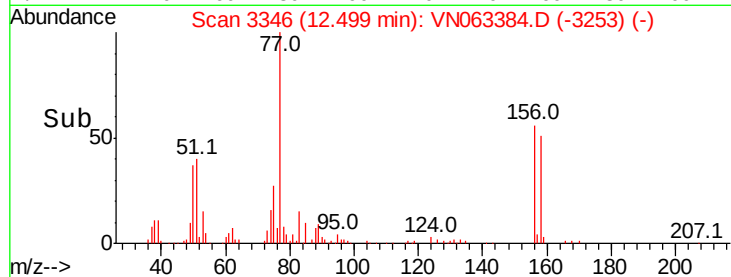
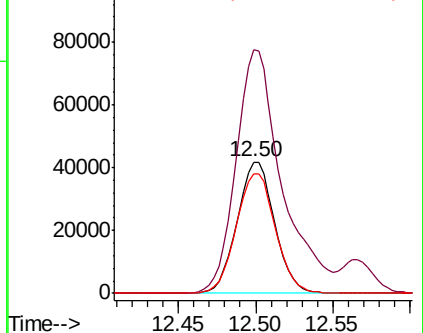
158 94.9 48.9 146.6



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: 18.584 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063384.D

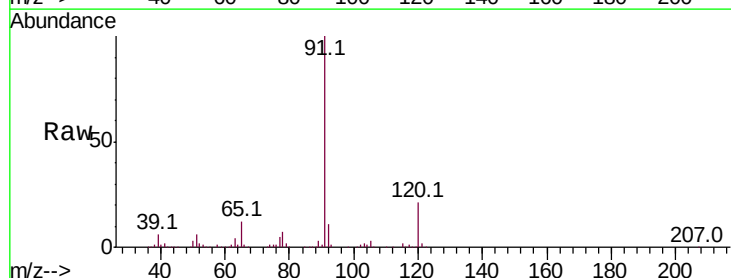
Acq: 16 Sep 2020 23:52

Tgt Ion: 91 Resp: 343642

Ion Ratio Lower Upper

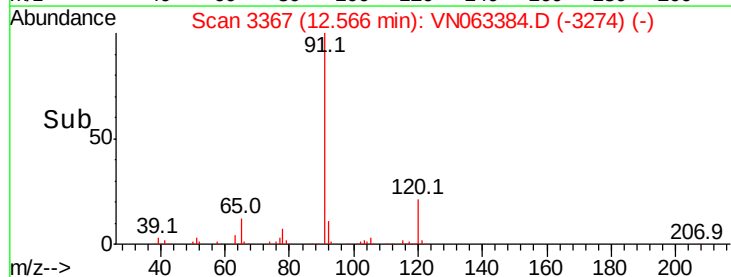
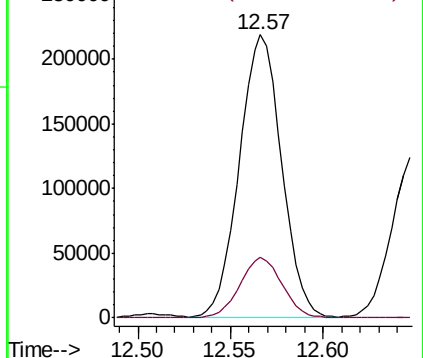
91 100

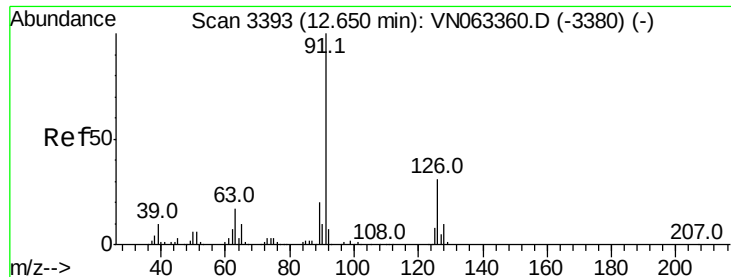
120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.184 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

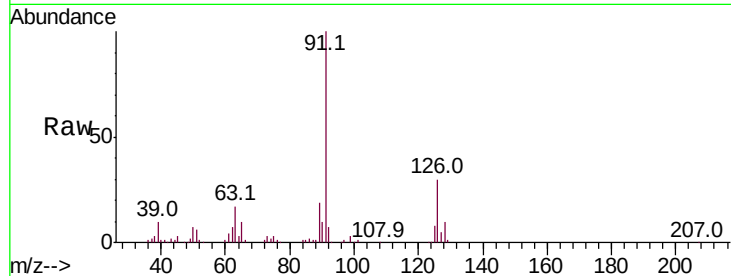
VN0916WBSD02

Tot Ion: 91 Resp: 212654

Ion Ratio Lower Upper

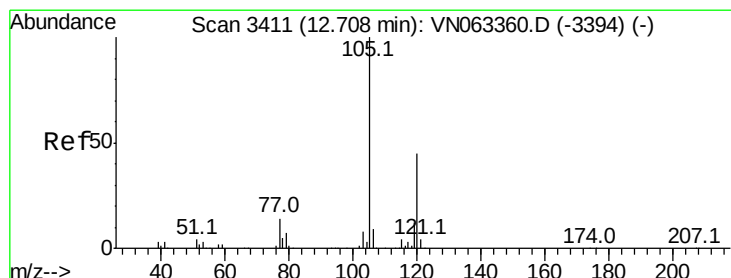
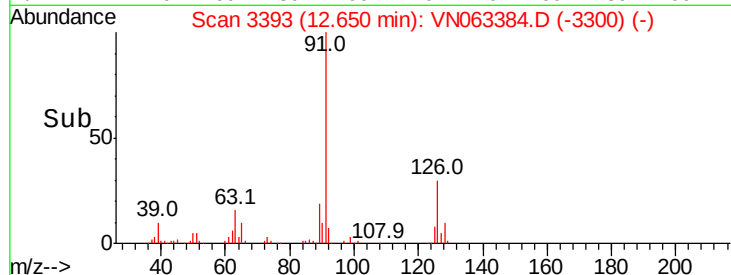
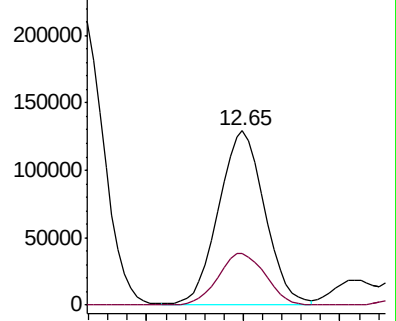
91 100

126 30.7 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063360.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.040 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063384.D

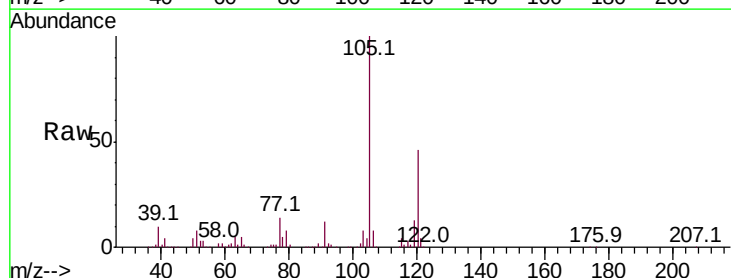
Acq: 16 Sep 2020 23:52

Tgt Ion:105 Resp: 252075

Ion Ratio Lower Upper

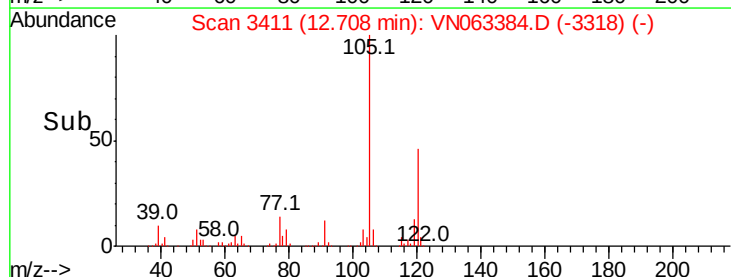
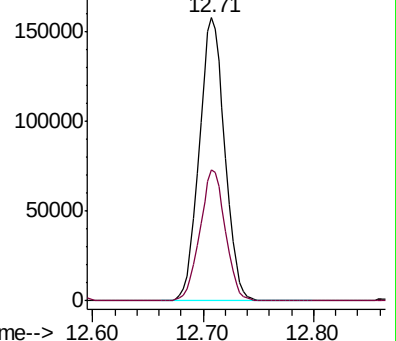
105 100

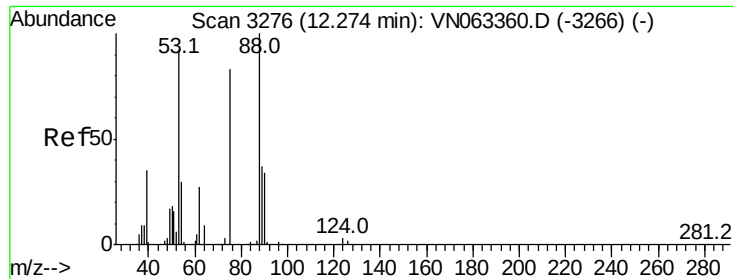
120 46.0 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN063360.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN063360.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.462 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD02

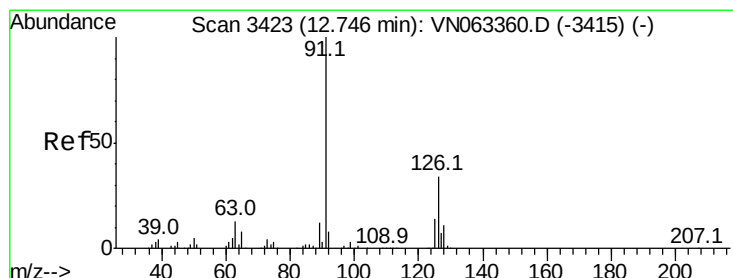
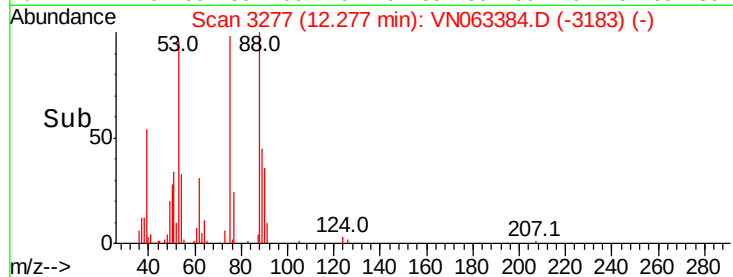
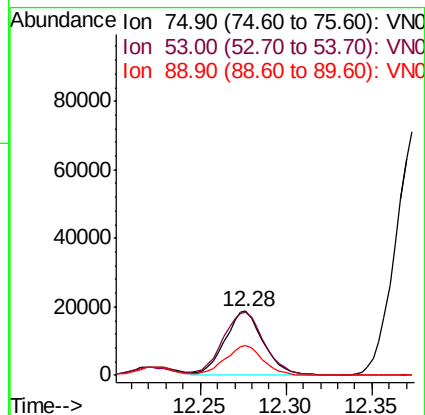
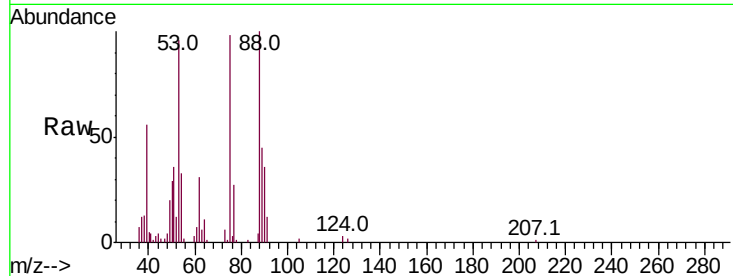
Tot Ion: 75 Resp: 29445

Ion Ratio Lower Upper

75 100

53 106.1 85.7 128.5

89 45.2 38.0 57.0



#82

4-Chlorotoluene

Concen: 18.685 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063384.D

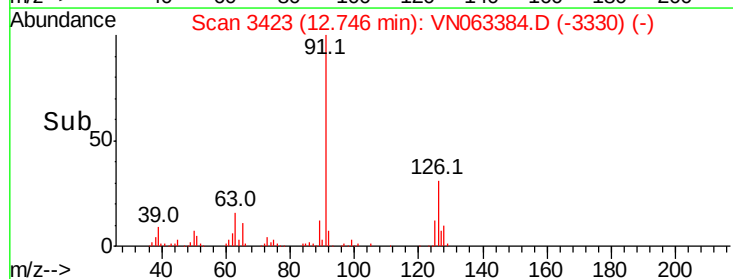
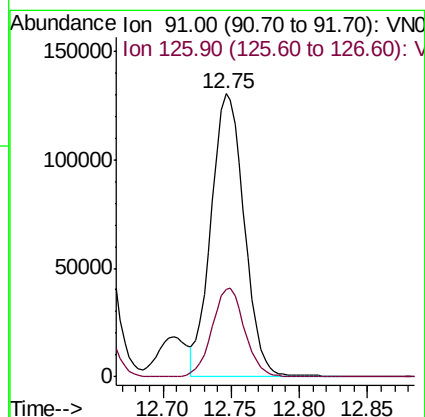
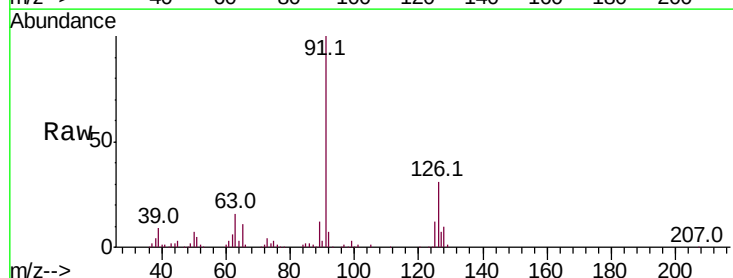
Acq: 16 Sep 2020 23:52

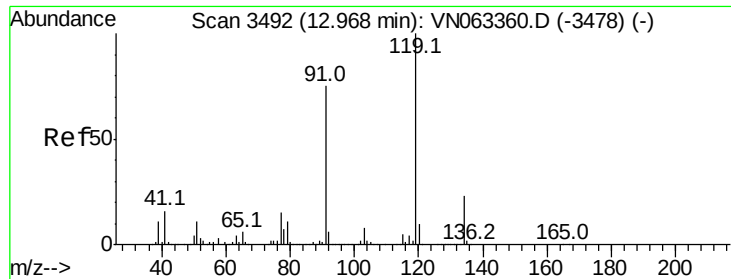
Tgt Ion: 91 Resp: 218843

Ion Ratio Lower Upper

91 100

126 31.1 15.5 46.5





#83

tert-Butylbenzene

Concen: 19.015 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD02

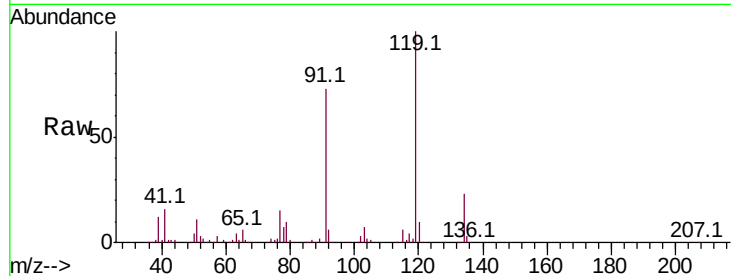
Tot Ion:119 Resp: 207766

Ion Ratio Lower Upper

119 100

91 71.8 36.3 108.9

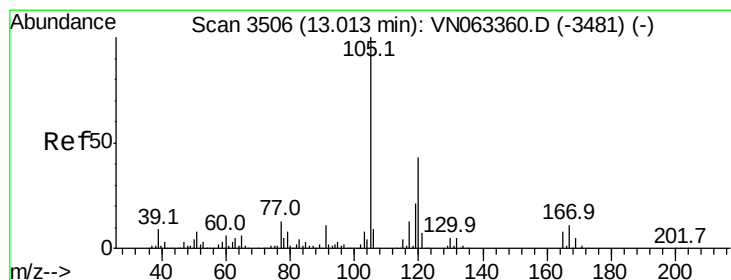
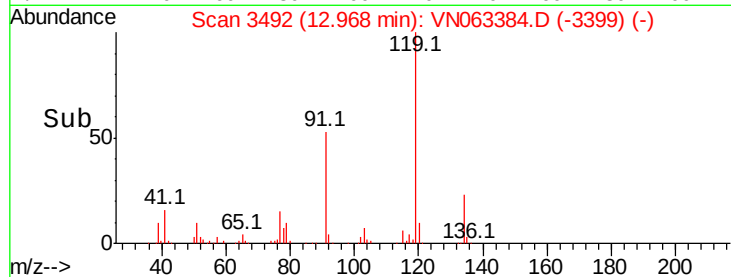
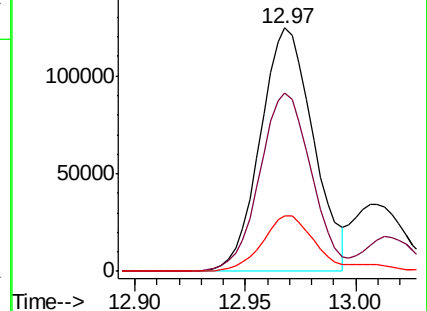
134 22.7 12.3 36.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.838 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. -0.00 min

Lab File: VN063384.D

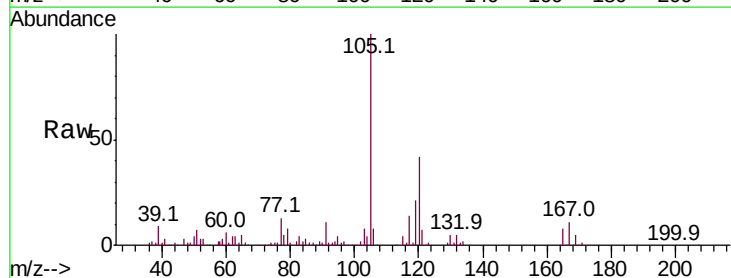
Acq: 16 Sep 2020 23:52

Tgt Ion:105 Resp: 251916

Ion Ratio Lower Upper

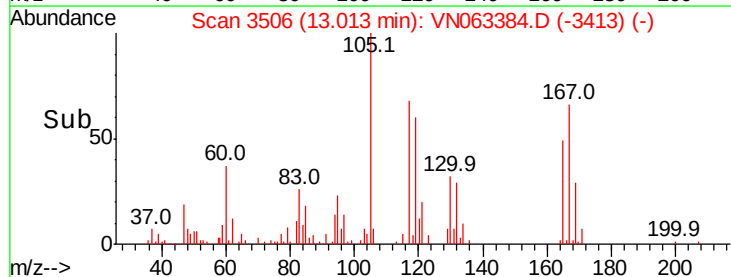
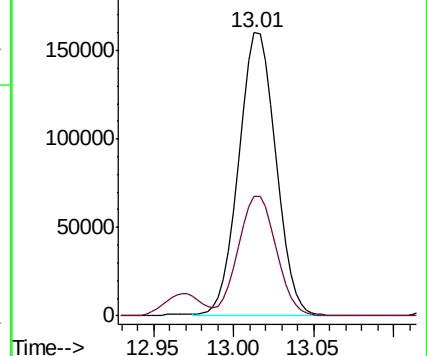
105 100

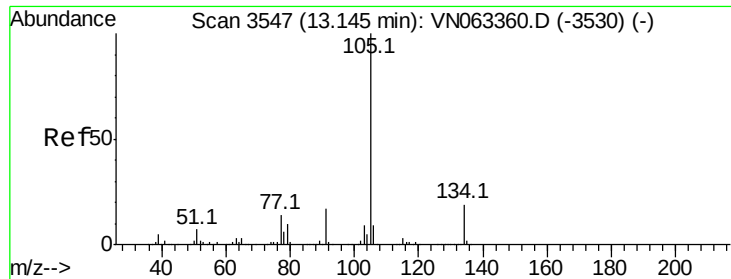
120 43.5 21.3 63.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.629 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

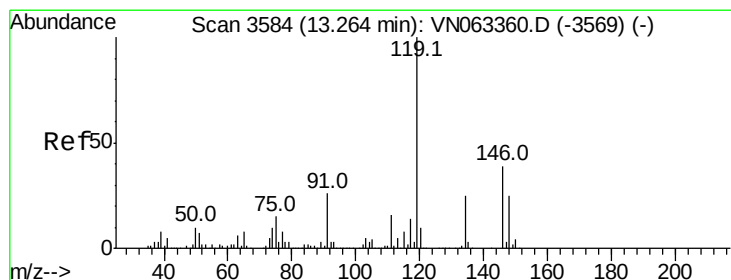
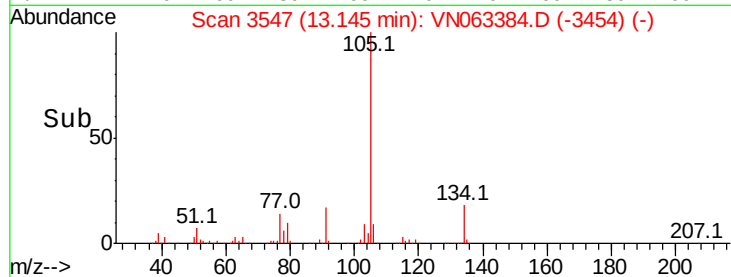
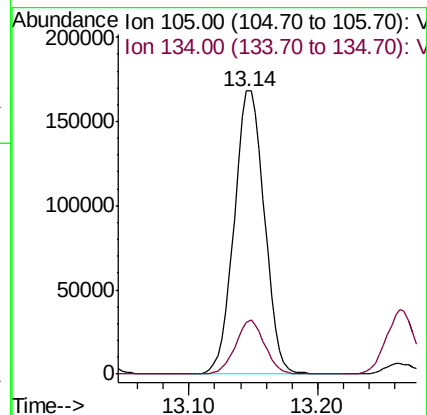
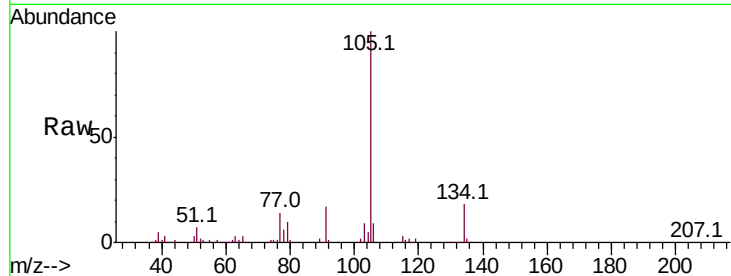
VN0916WBSD02

Tot Ion:105 Resp: 272470

Ion Ratio Lower Upper

105 100

134 18.4 9.3 27.7



#86

p-Isopropyltoluene

Concen: 18.770 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

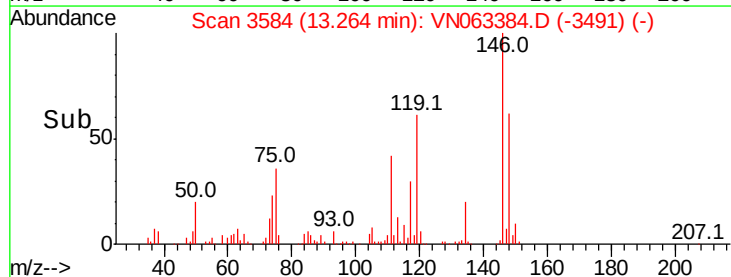
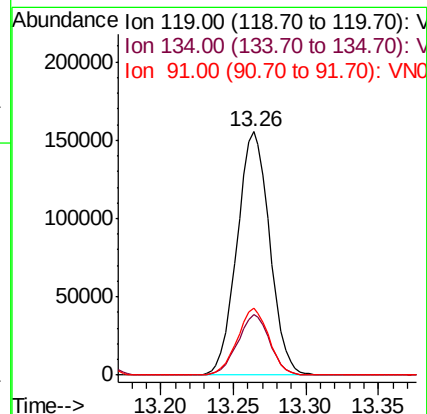
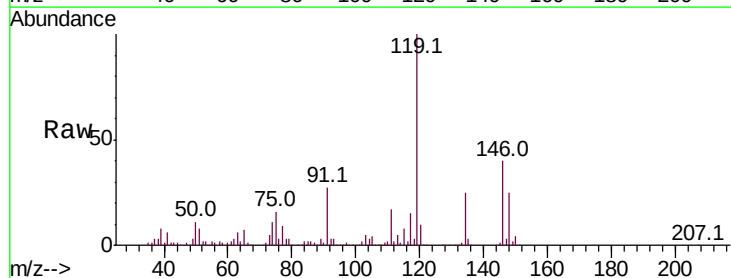
Tgt Ion:119 Resp: 242146

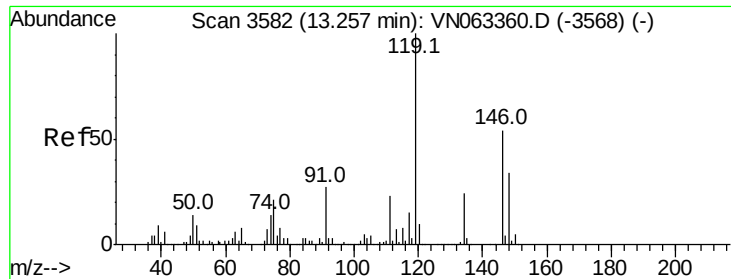
Ion Ratio Lower Upper

119 100

134 24.3 12.5 37.5

91 26.8 13.4 40.1





#87

1,3-Dichlorobenzene

Concen: 18.375 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

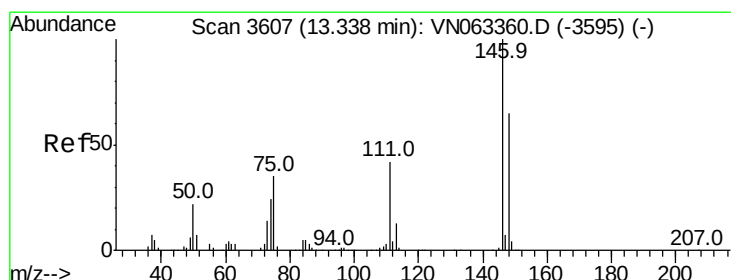
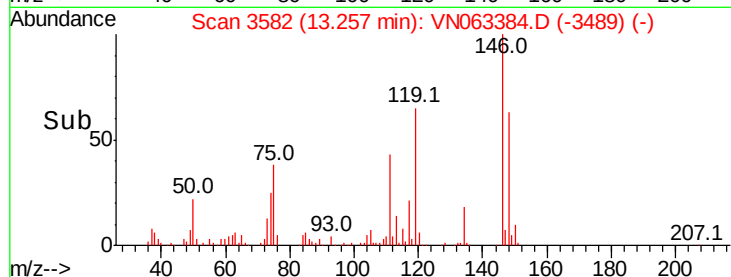
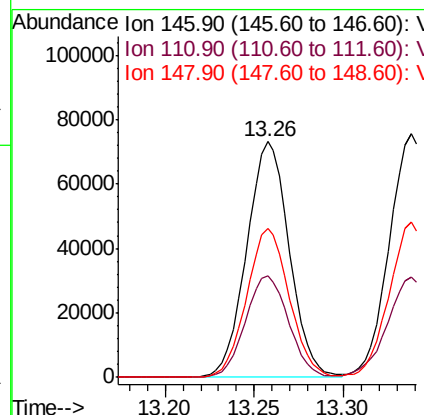
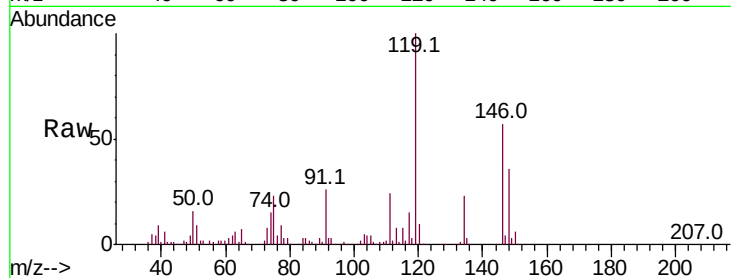
Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :
MSVOA_N
ClientSampleId :
VN0916WBSD02

Tot Ion:146 Resp: 121632

Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.4	64.3
148	63.2	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 18.630 ug/l

RT: 13.34 min Scan# 3607

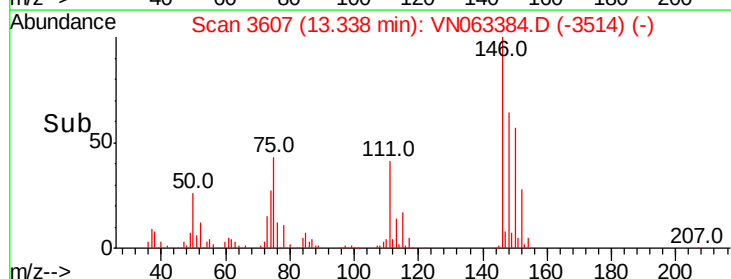
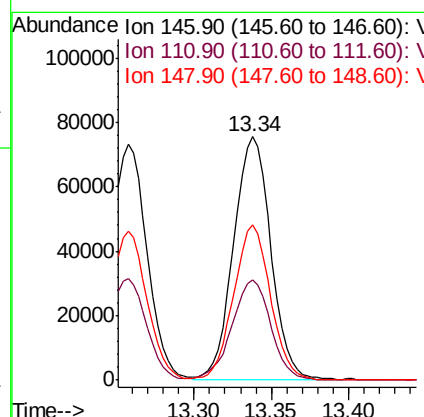
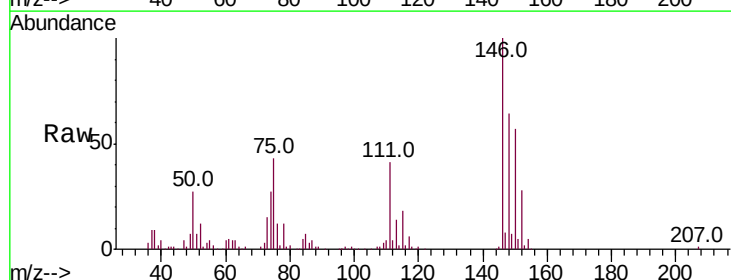
Delta R.T. -0.00 min

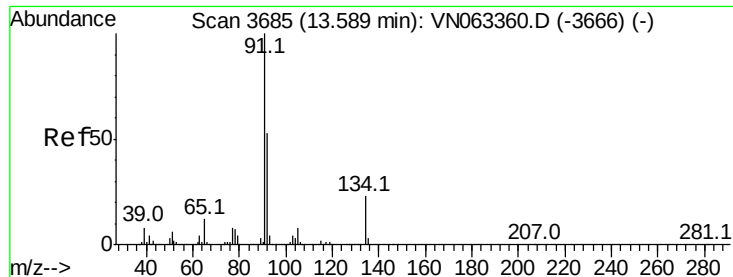
Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Tgt Ion:146 Resp: 125376

Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.2	63.6
148	63.1	31.9	95.9





#89

n-Butylbenzene

Concen: 18.118 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD02

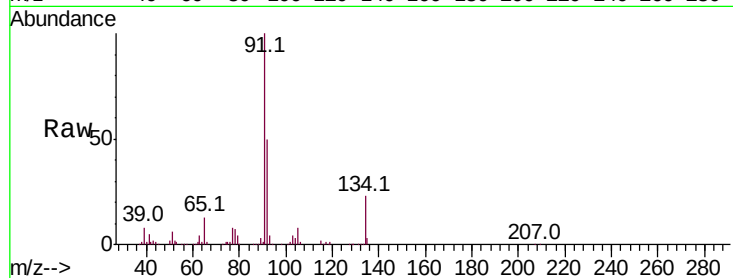
Tot Ion: 91 Resp: 215441

Ion Ratio Lower Upper

91 100

92 51.0 26.0 78.0

134 22.9 11.7 35.0

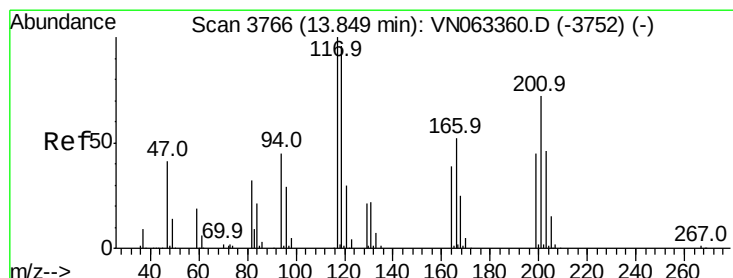
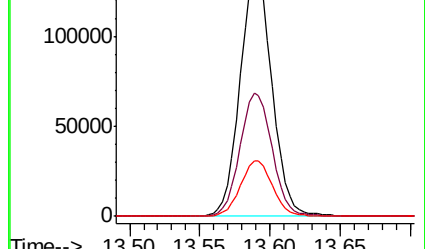
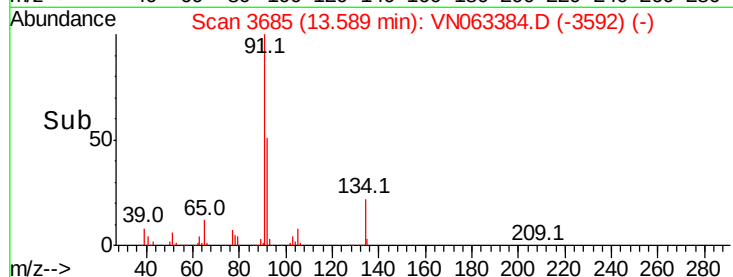


Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3666) (-)

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

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

Time--> 13.50 13.55 13.60 13.65



#90

Hexachloroethane

Concen: 18.057 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063384.D

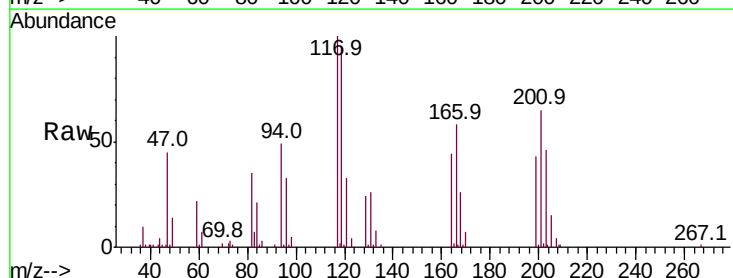
Acq: 16 Sep 2020 23:52

Tgt Ion: 117 Resp: 44357

Ion Ratio Lower Upper

117 100

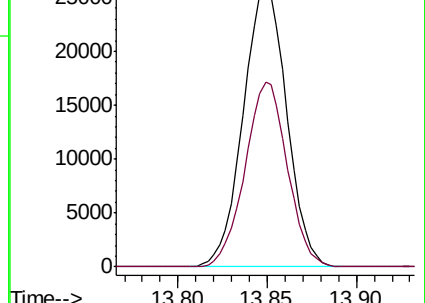
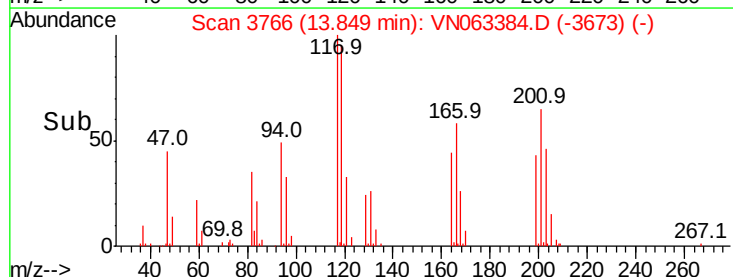
201 64.1 35.5 106.7

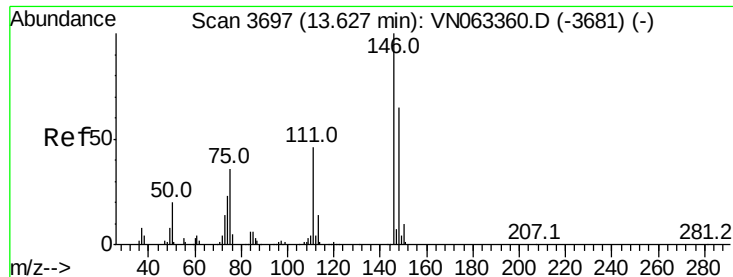


Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-3752) (-)

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

Time--> 13.80 13.85 13.90

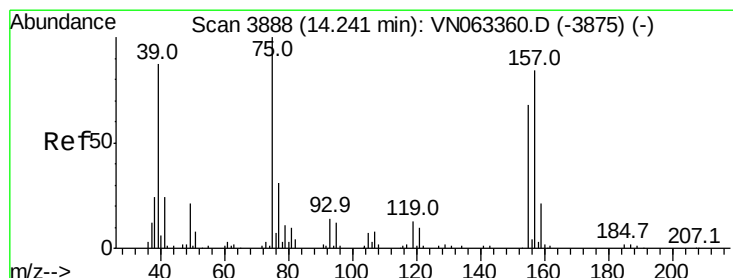
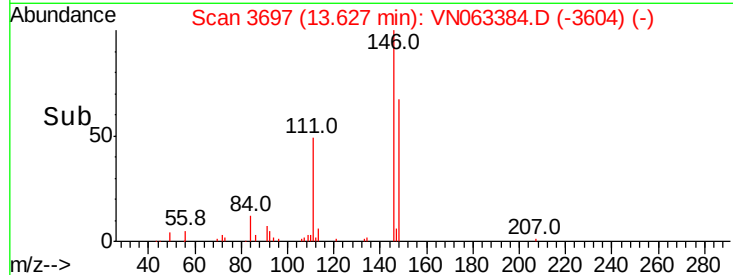
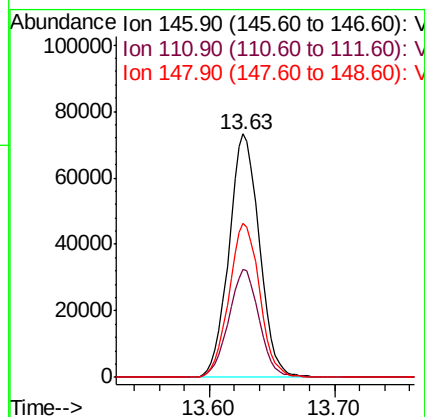
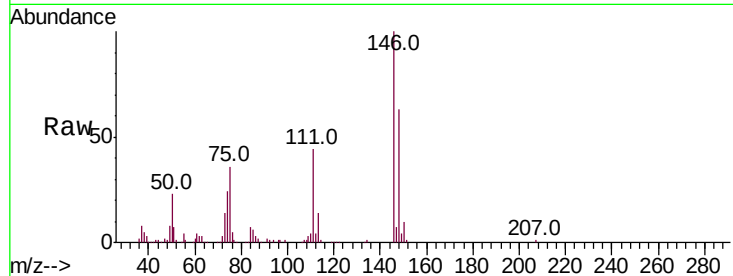




#91
 1,2-Dichlorobenzene
 Concen: 19.042 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

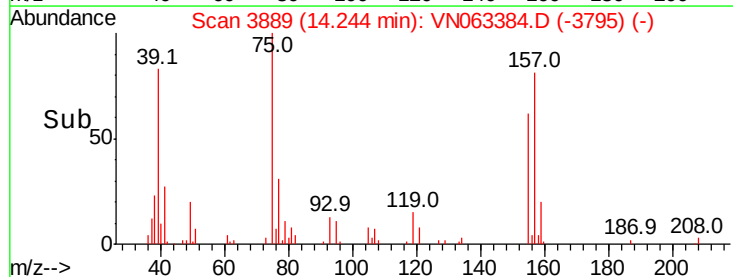
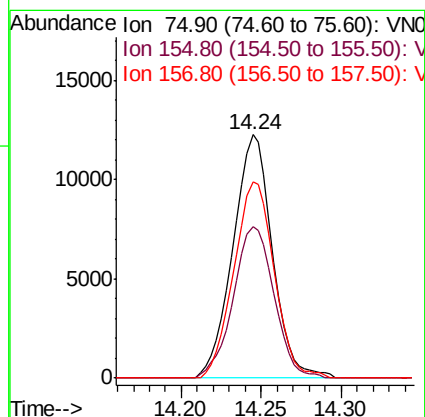
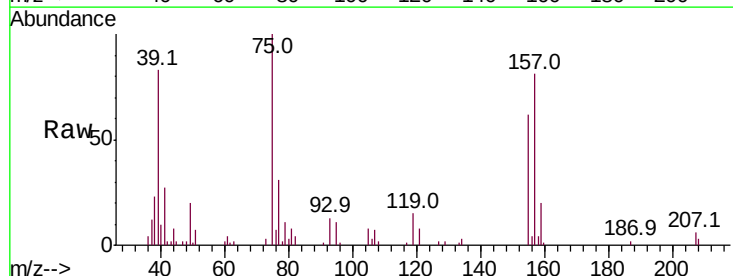
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD02

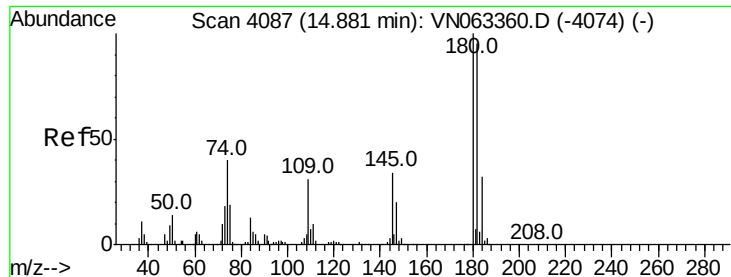
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.4	67.2
148	63.5	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.559 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	64.5	34.6	103.9
157	82.9	43.7	131.1

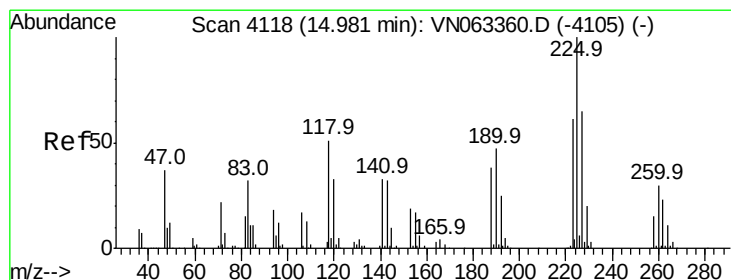
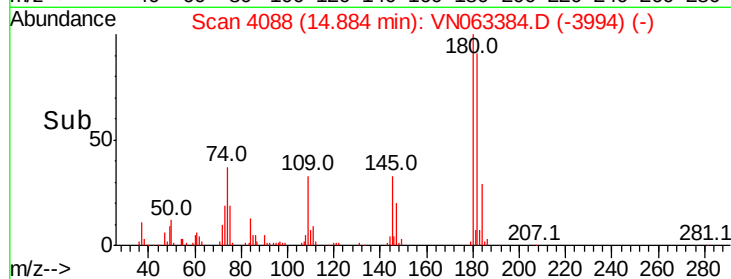
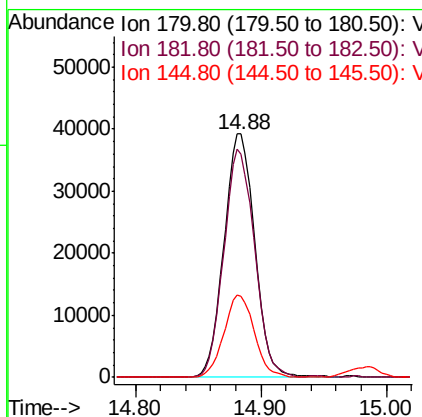
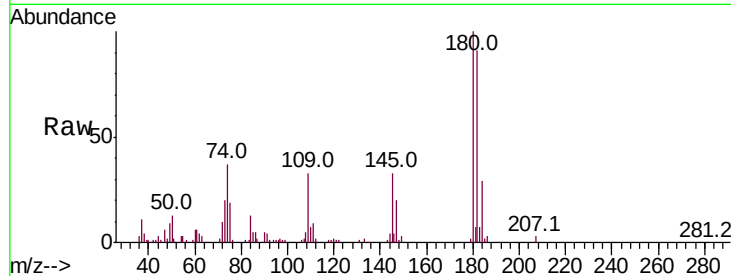




#93
 1,2,4-Trichlorobenzene
 Concen: 17.441 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

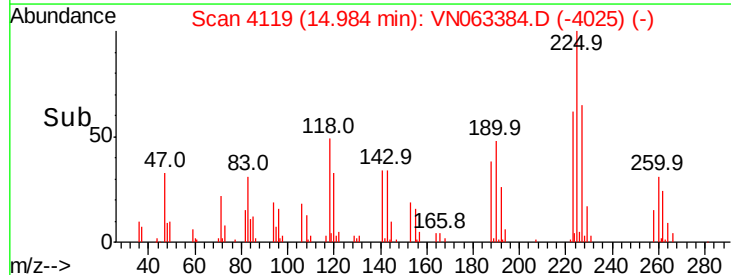
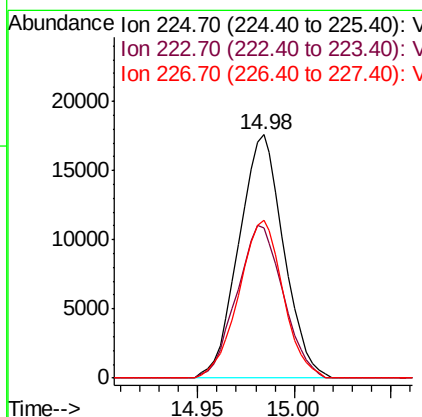
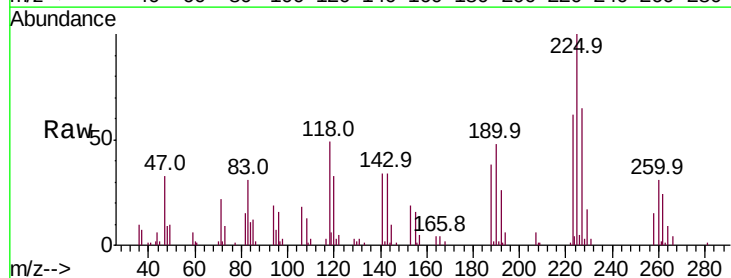
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBSD02

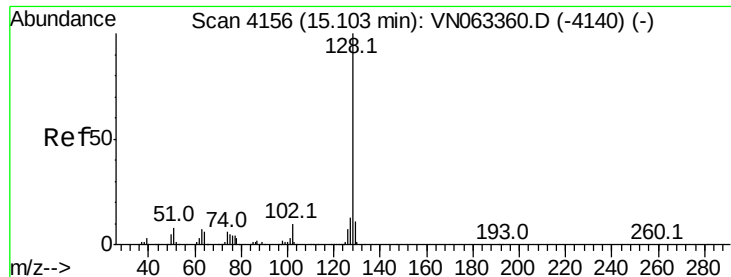
Tot Ion:180 Resp: 66820
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.3 142.0
 145 33.1 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 17.867 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063384.D
 Acq: 16 Sep 2020 23:52

Tgt Ion:225 Resp: 28338
 Ion Ratio Lower Upper
 225 100
 223 65.1 30.6 91.6
 227 64.0 31.2 93.6





#95

Naphthalene

Concen: 17.472 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBSD02

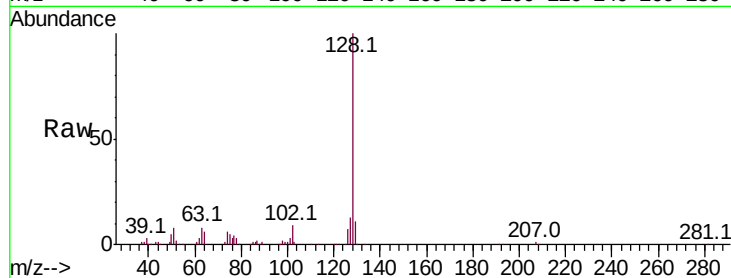
Tot Ion:128 Resp: 221156

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

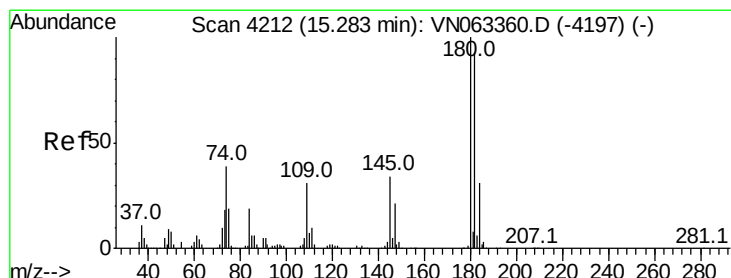
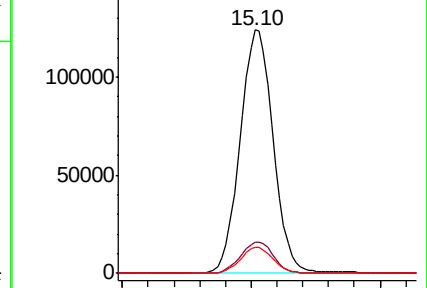
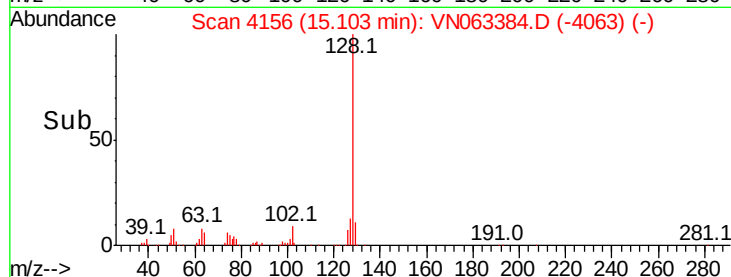
129 10.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.305 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063384.D

Acq: 16 Sep 2020 23:52

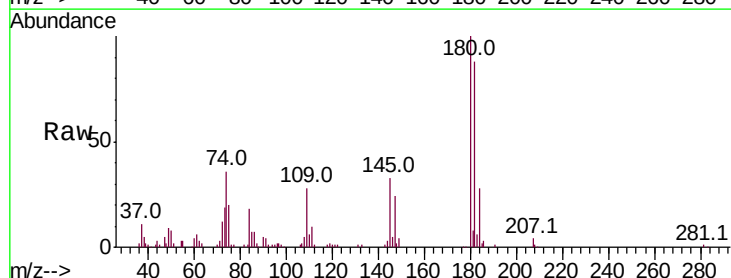
Tgt Ion:180 Resp: 64061

Ion Ratio Lower Upper

180 100

182 94.3 46.7 140.1

145 32.6 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

