

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091720\
 Data File : VN063436.D
 Acq On : 17 Sep 2020 22:47
 Operator : JC/MD
 Sample : VN0917MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

Quant Time: Sep 18 04:55:59 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	283803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	506874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	462070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	211407	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	222443	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
35) Dibromofluoromethane	7.55	113	158199	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	
50) Toluene-d8	10.06	98	592522	44.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.82%	
62) 4-Bromofluorobenzene	12.38	95	220865	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	53505	16.641	ug/l	98
3) Chloromethane	2.04	50	69695	16.386	ug/l	97
4) Vinyl Chloride	2.16	62	66887	17.749	ug/l	96
5) Bromomethane	2.54	94	42119	18.824	ug/l	93
6) Chloroethane	2.68	64	40481	17.500	ug/l	99
7) Trichlorofluoromethane	2.99	101	103146	18.345	ug/l	99
8) Diethyl Ether	3.38	74	37628	17.168	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52933	16.741	ug/l #	84
10) Methyl Iodide	3.92	142	67669	16.438	ug/l	99
11) Tert butyl alcohol	4.73	59	50744	75.819	ug/l	97
12) 1,1-Dichloroethene	3.70	96	53278	16.635	ug/l	91
13) Acrolein	3.57	56	20607	83.085	ug/l	97
14) Allyl chloride	4.28	41	103999	16.417	ug/l	99
15) Acrylonitrile	4.93	53	144815	85.064	ug/l	98
16) Acetone	3.77	43	127682	82.236	ug/l	97
17) Carbon Disulfide	4.02	76	152833	16.406	ug/l	100
18) Methyl Acetate	4.28	43	68691	17.427	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	201072	16.845	ug/l	100
20) Methylene Chloride	4.51	84	66107	16.805	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	59248	16.697	ug/l	99
22) Diisopropyl ether	5.90	45	223686	17.313	ug/l	93
23) Vinyl Acetate	5.85	43	901727	84.982	ug/l	100
24) 1,1-Dichloroethane	5.80	63	121909	17.283	ug/l	99
25) 2-Butanone	6.78	43	200022	83.765	ug/l	100
26) 2,2-Dichloropropane	6.78	77	87440	14.080	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	69914	17.408	ug/l	98
28) Bromochloromethane	7.15	49	62472	19.181	ug/l	100
29) Tetrahydrofuran	7.17	42	133460	81.833	ug/l	99
30) Chloroform	7.33	83	122716	17.340	ug/l	99
31) Cyclohexane	7.61	56	105228	15.771	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	109032	17.322	ug/l	99
36) 1,1-Dichloropropene	7.75	75	89832	16.635	ug/l	98
37) Ethyl Acetate	6.88	43	88962	16.786	ug/l	99
38) Carbon Tetrachloride	7.73	117	90182	16.360	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	92836	15.840	ug/l	95
40) Benzene	8.00	78	264047	17.129	ug/l	99
41) Methacrylonitrile	7.13	41	41092	17.239	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	106501	17.180	ug/l	99
43) Isopropyl Acetate	8.13	43	150105	15.839	ug/l	99
44) Trichloroethene	8.80	130	64236	17.181	ug/l	92
45) 1,2-Dichloropropane	9.08	63	73008	17.389	ug/l	99
46) Dibromomethane	9.17	93	47038	17.046	ug/l	99
47) Bromodichloromethane	9.37	83	96142	16.771	ug/l	99
48) Methyl methacrylate	9.16	41	76026	16.329	ug/l	98
49) 1,4-Dioxane	9.17	88	21101	315.806	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	450542	84.921	ug/l	99
52) Toluene	10.13	92	162188	17.500	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	100567	15.714	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	109378	16.203	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	64816	17.607	ug/l	96
56) Ethyl methacrylate	10.40	69	96798	16.843	ug/l	98
57) 1,3-Dichloropropane	10.68	76	110461	16.639	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	258856	85.863	ug/l	99
59) 2-Hexanone	10.72	43	324280	84.368	ug/l	99
60) Dibromochloromethane	10.87	129	67636	16.263	ug/l	98
61) 1,2-Dibromoethane	10.98	107	65960	17.246	ug/l	100
64) Tetrachloroethene	10.60	164	56426	17.934	ug/l	99
65) Chlorobenzene	11.41	112	166579	16.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	61858	17.205	ug/l	99
67) Ethyl Benzene	11.49	91	314664	17.035	ug/l	99
68) m/p-Xylenes	11.60	106	229605	34.476	ug/l	97
69) o-Xylene	11.92	106	108775	17.146	ug/l	99
70) Styrene	11.94	104	183994	17.294	ug/l	99
71) Bromoform	12.10	173	42932	16.028	ug/l #	99
73) Isopropylbenzene	12.23	105	291073	17.182	ug/l	100
74) N-amyl acetate	12.05	43	131823	16.438	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	89526	17.067	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	121680	23.254	ug/l #	100
77) Bromobenzene	12.50	156	68281	17.918	ug/l	97
78) n-propylbenzene	12.57	91	341283	17.296	ug/l	99
79) 2-Chlorotoluene	12.65	91	209684	17.728	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	248460	17.588	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	29021	15.206	ug/l	99
82) 4-Chlorotoluene	12.75	91	214565	17.169	ug/l	100
83) tert-Butylbenzene	12.97	119	200284	17.178	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	251008	17.591	ug/l	99
85) sec-Butylbenzene	13.15	105	266228	17.059	ug/l	99
86) p-Isopropyltoluene	13.26	119	241008	17.508	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	122720	17.375	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	124510	17.339	ug/l	98
89) n-Butylbenzene	13.59	91	211464	16.666	ug/l	99
90) Hexachloroethane	13.85	117	41509	15.836	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	121642	17.542	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19895	15.928	ug/l	99

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

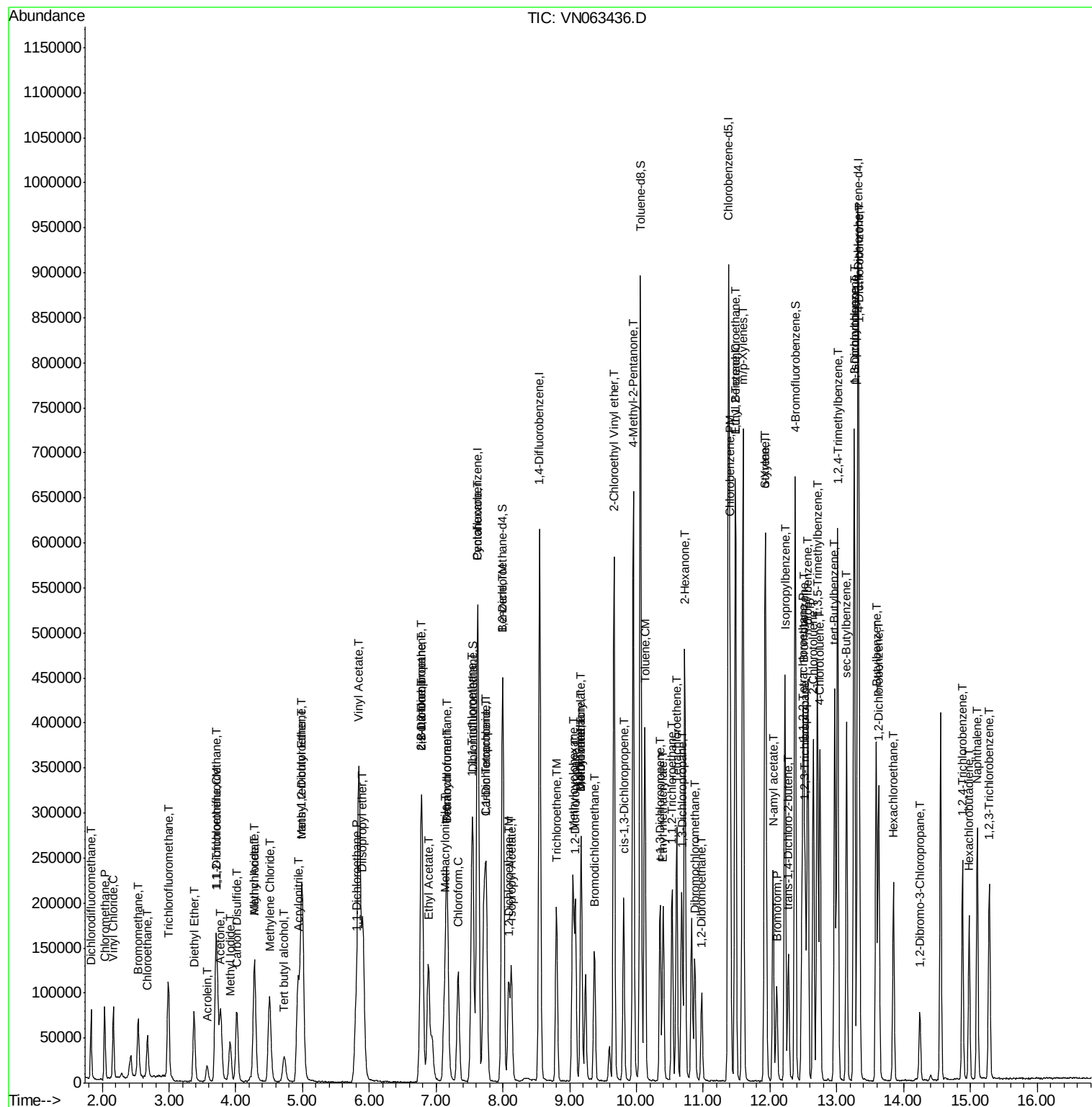
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	69404	16.977	ug/l	98
94) Hexachlorobutadiene	14.98	225	30522	18.035	ug/l	98
95) Naphthalene	15.10	128	221023	16.365	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	66160	16.749	ug/l	99

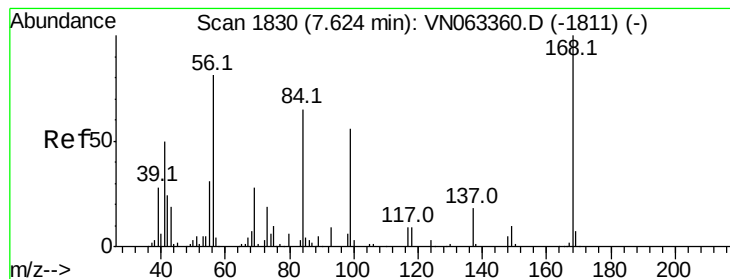
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
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: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

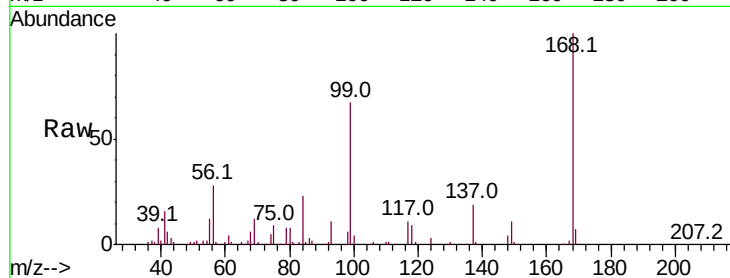
VN0917MBS01

Tot Ion:168 Resp: 283803

Ion Ratio Lower Upper

168 100

99 66.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

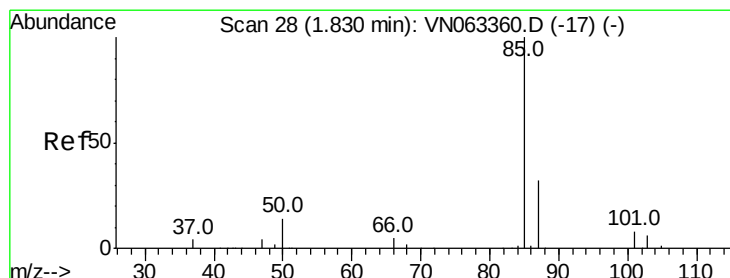
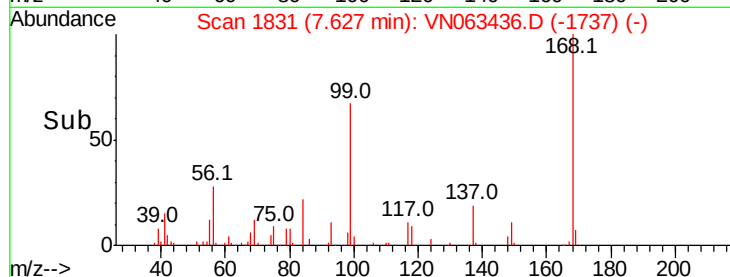
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.641 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063436.D

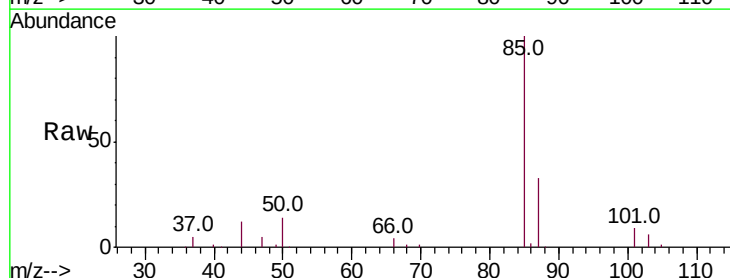
Acq: 17 Sep 2020 22:47

Tgt Ion: 85 Resp: 53505

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

40000

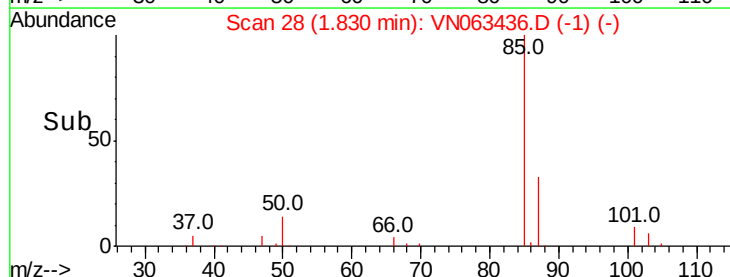
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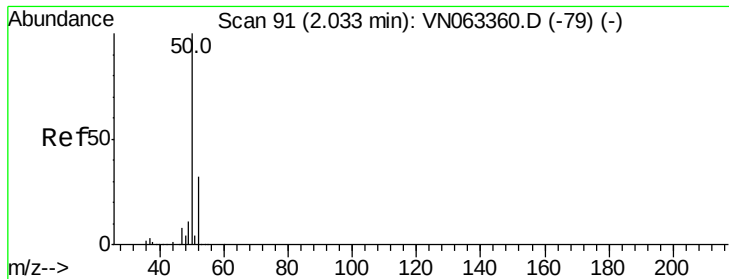
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.386 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampled :

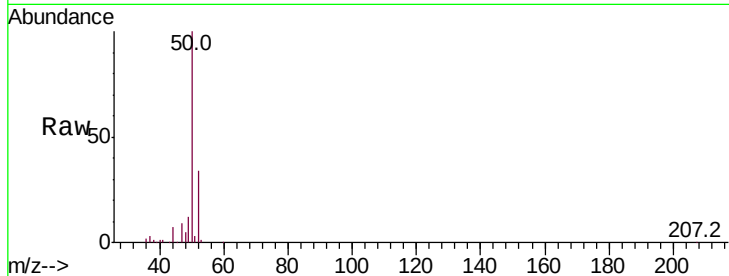
VN0917MBS01

Tot Ion: 50 Resp: 69695

Ion Ratio Lower Upper

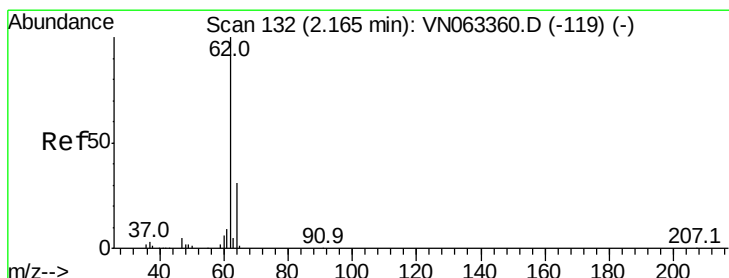
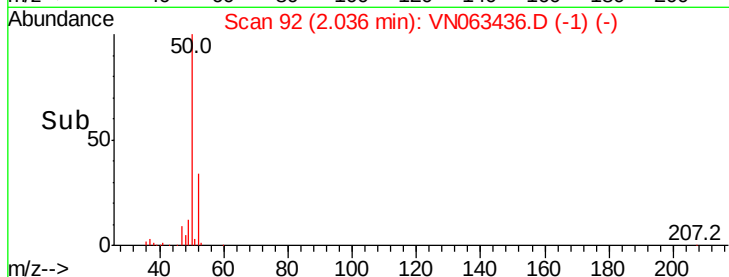
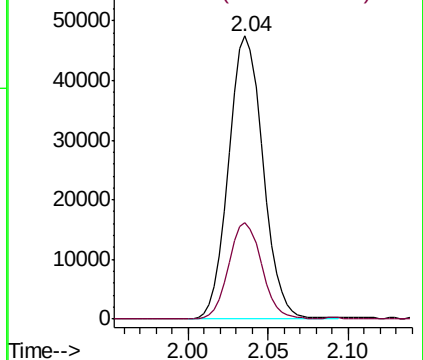
50 100

52 34.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.749 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063436.D

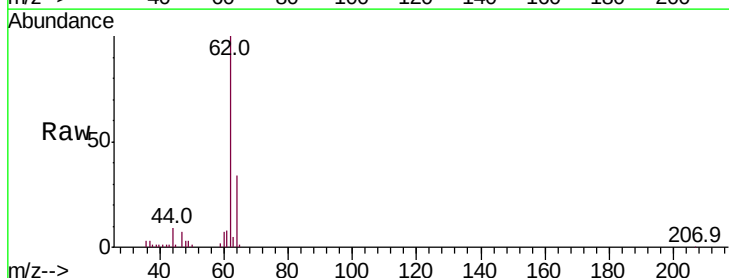
Acq: 17 Sep 2020 22:47

Tgt Ion: 62 Resp: 66887

Ion Ratio Lower Upper

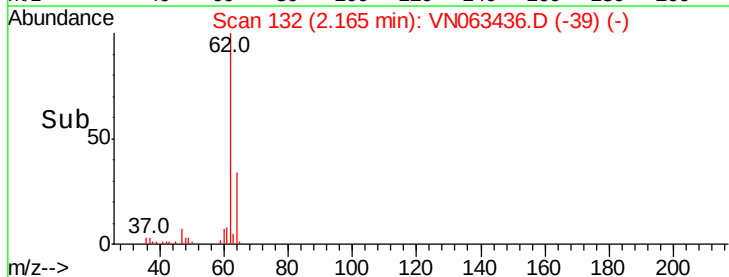
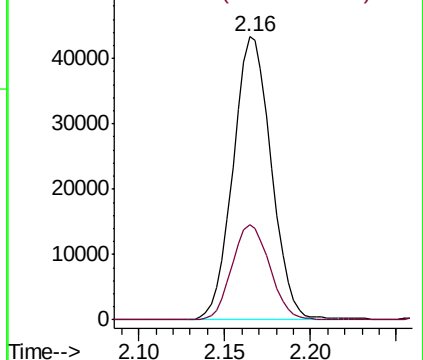
62 100

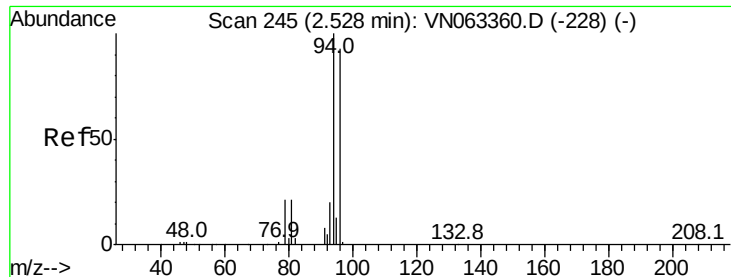
64 33.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.824 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

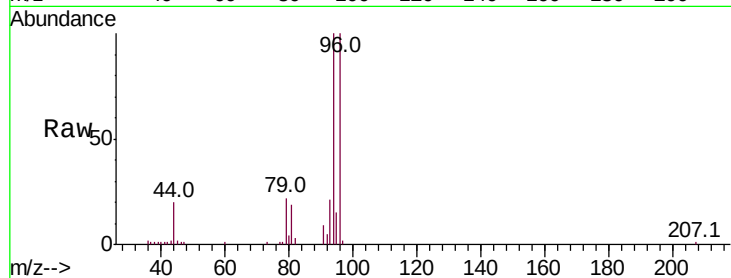
VN0917MBS01

Tot Ion: 94 Resp: 42119

Ion Ratio Lower Upper

94 100

96 100.0 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

20000

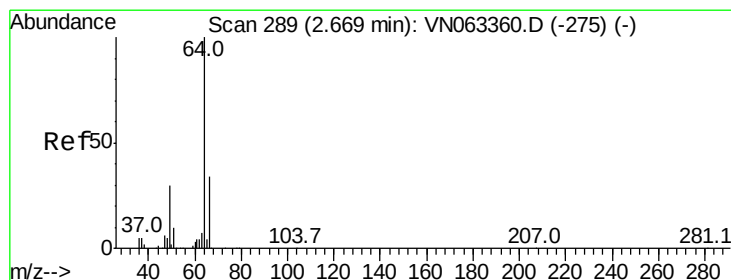
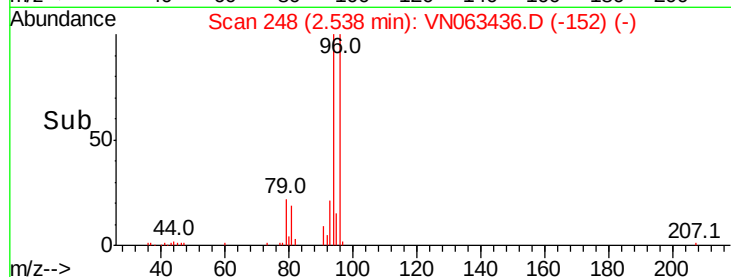
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 17.500 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN063436.D

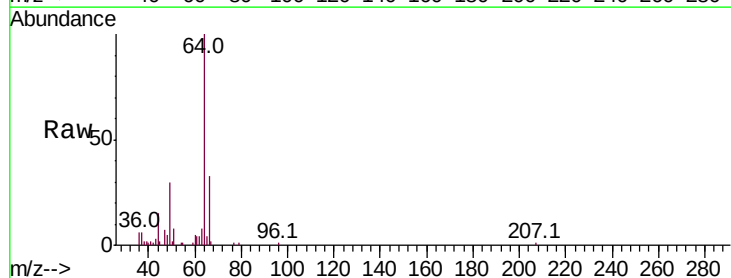
Acq: 17 Sep 2020 22:47

Tgt Ion: 64 Resp: 40481

Ion Ratio Lower Upper

64 100

66 33.2 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

20000

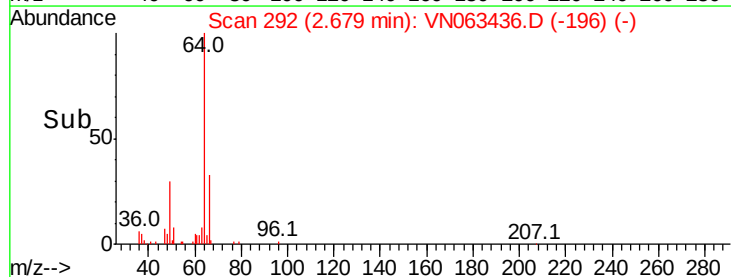
15000

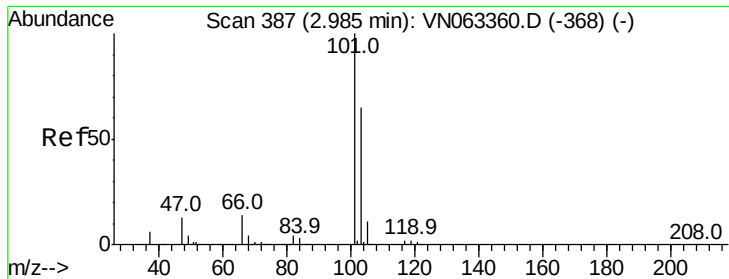
10000

5000

0

Time-->



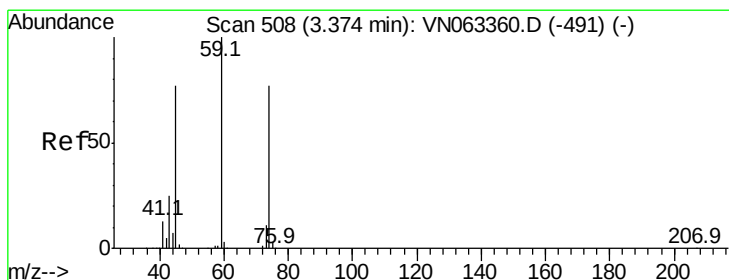
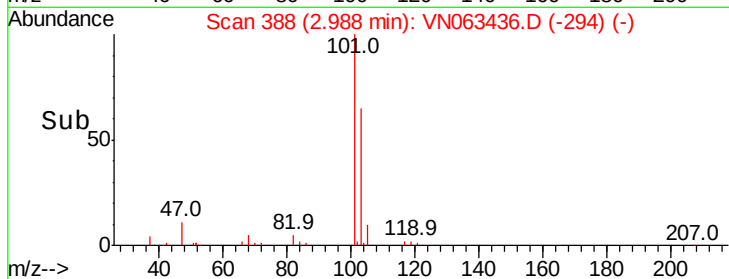
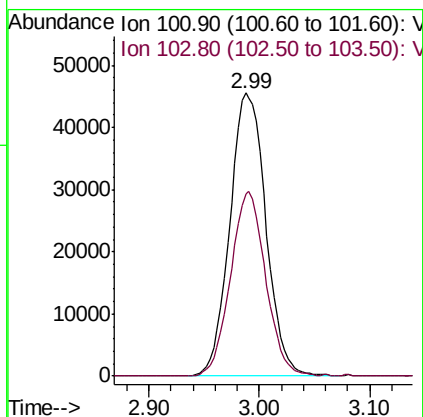
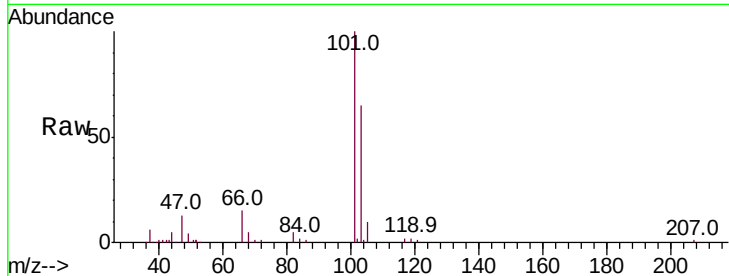


#7

Trichlorofluoromethane
 Concen: 18.345 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

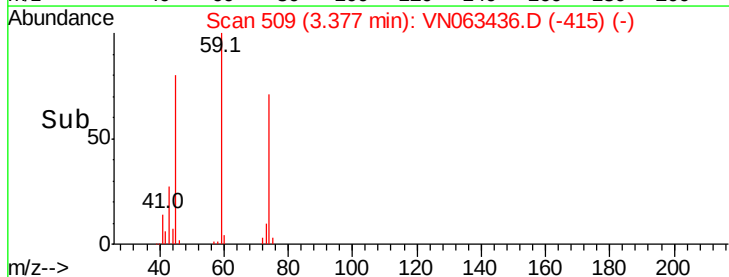
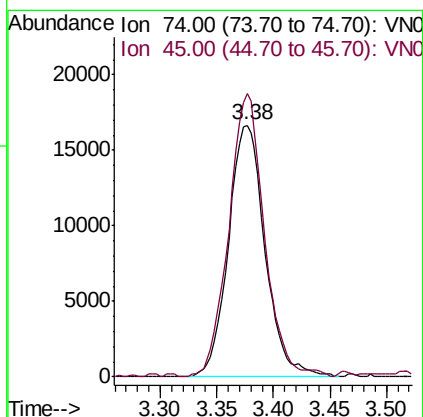
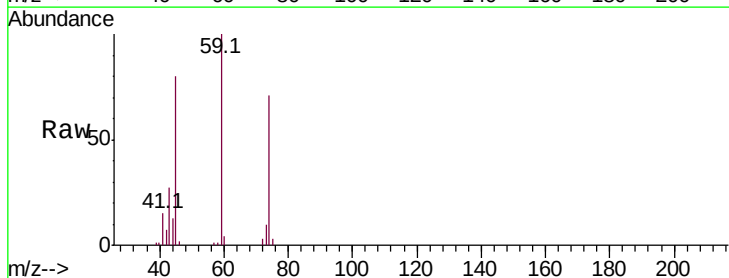
Tot Ion:101 Resp: 103146
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.3 78.5

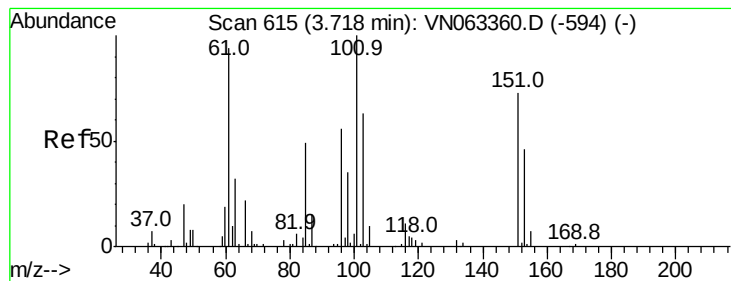


#8

Diethyl Ether
 Concen: 17.168 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

Tgt Ion: 74 Resp: 37628
 Ion Ratio Lower Upper
 74 100
 45 108.4 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.741 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

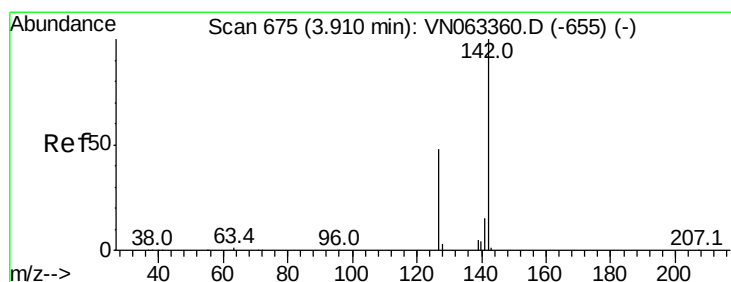
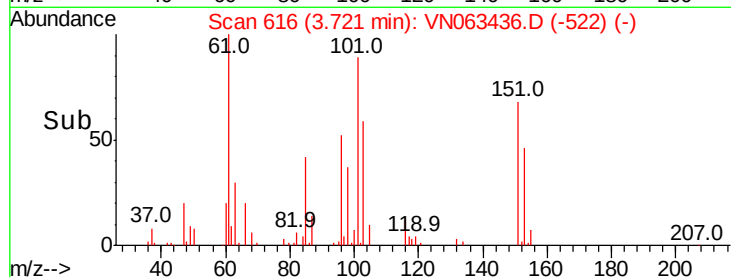
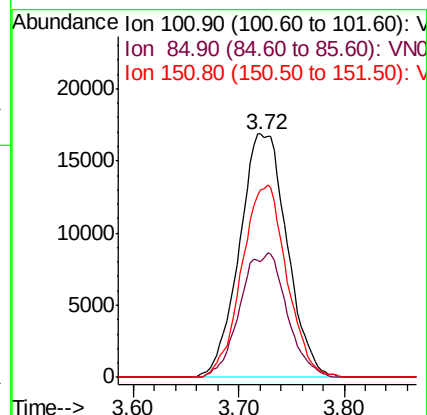
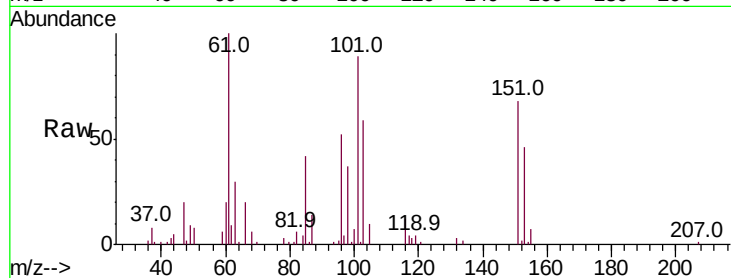
Tot Ion:101 Resp: 52933

Ion Ratio Lower Upper

101 100

85 23.9 37.7 56.5#

151 74.6 57.7 86.5



#10

Methyl Iodide

Concen: 16.438 ug/l

RT: 3.92 min Scan# 677

Delta R.T. 0.01 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

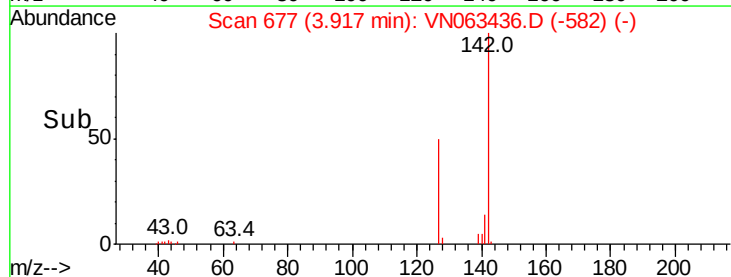
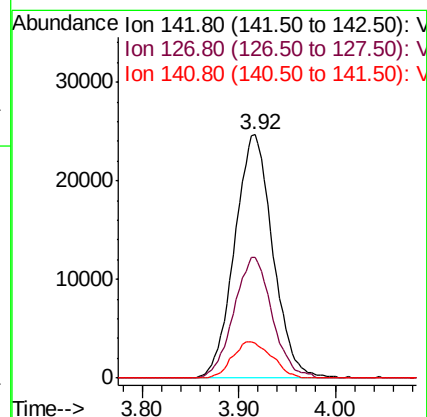
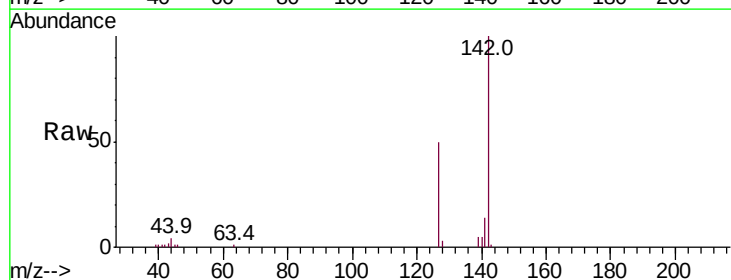
Tgt Ion:142 Resp: 67669

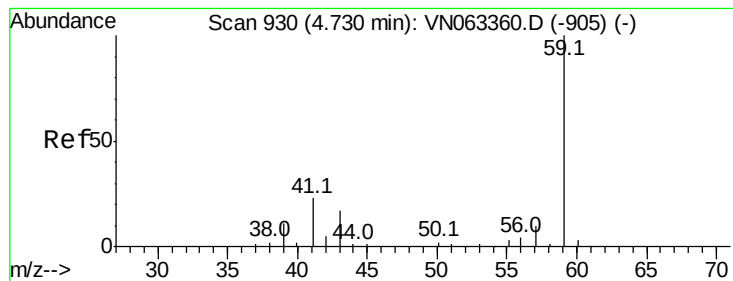
Ion Ratio Lower Upper

142 100

127 49.7 39.0 58.6

141 15.3 11.6 17.4



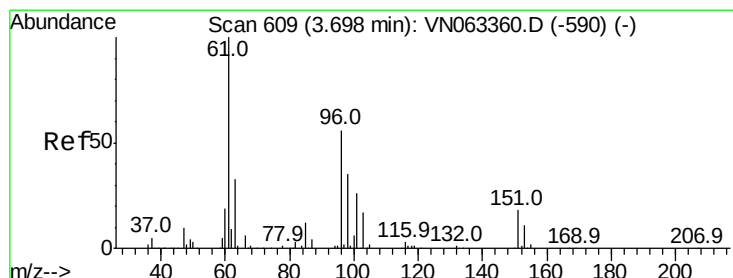
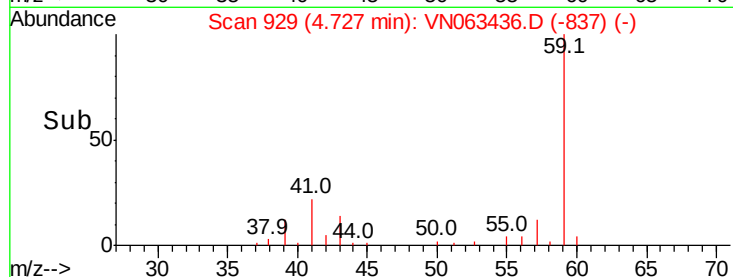
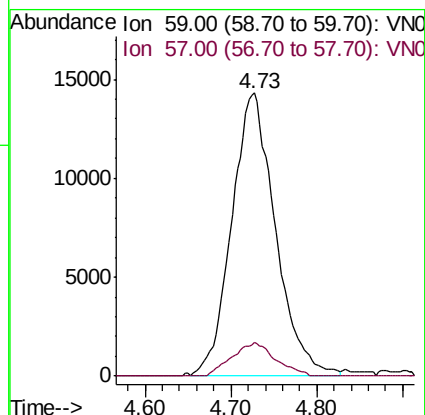
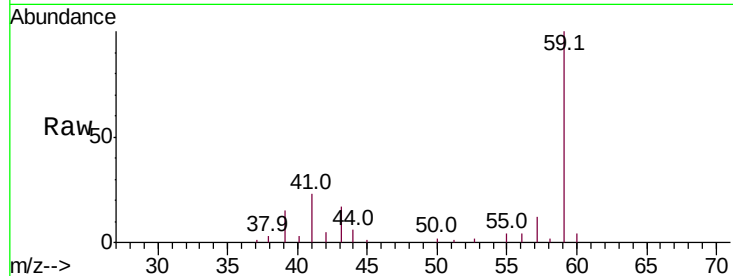


#11

Tert butyl alcohol
 Concen: 75.819 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

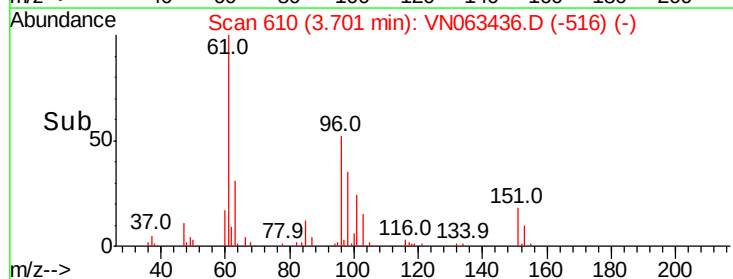
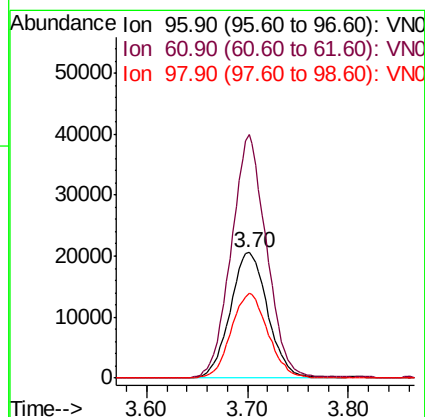
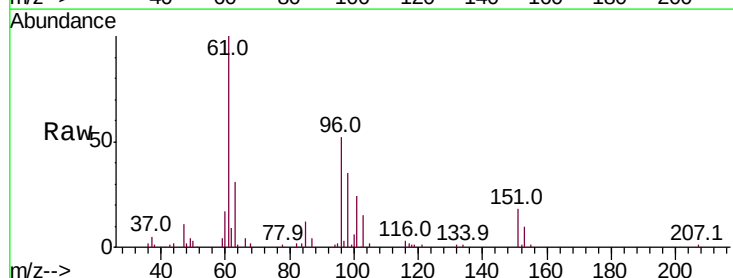
Tot Ion: 59 Resp: 50744
 Ion Ratio Lower Upper
 59 100
 57 11.7 8.4 12.6

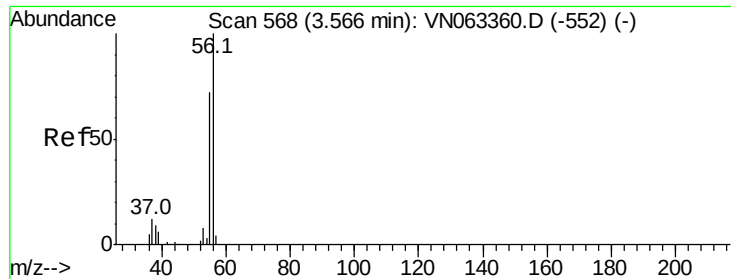


#12

1,1-Dichloroethene
 Concen: 16.635 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

Tgt Ion: 96 Resp: 53278
 Ion Ratio Lower Upper
 96 100
 61 194.0 143.4 215.2
 98 67.6 50.6 76.0





#13

Acrolein

Concen: 83.085 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

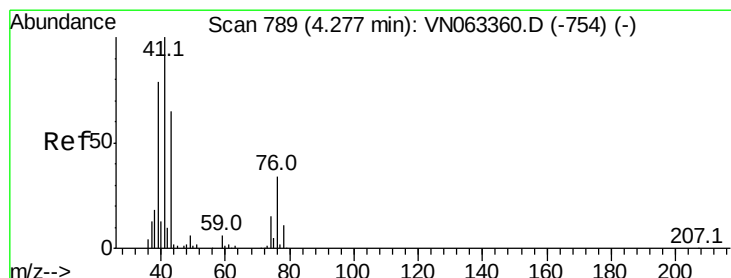
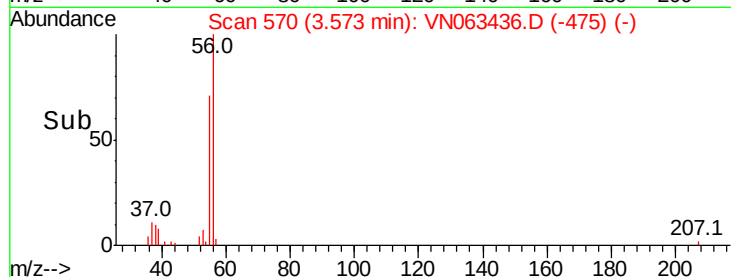
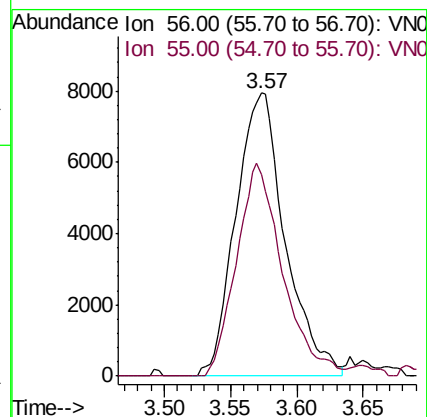
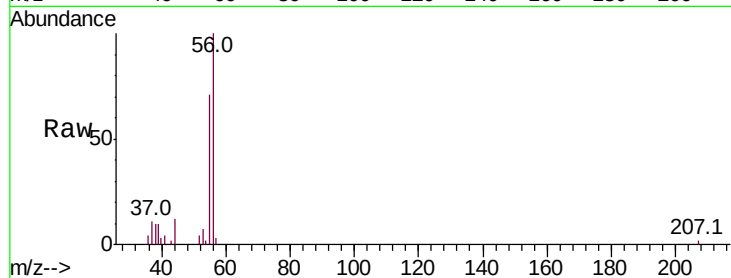
VN0917MBS01

Tot Ion: 56 Resp: 20607

Ion Ratio Lower Upper

56 100

55 69.9 58.2 87.2



#14

Allyl chloride

Concen: 16.417 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

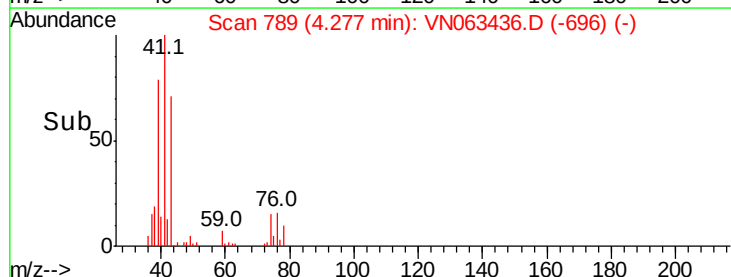
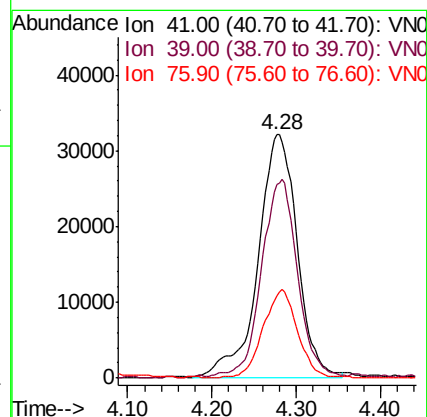
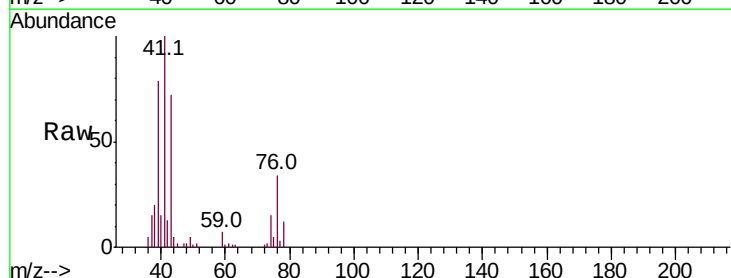
Tgt Ion: 41 Resp: 103999

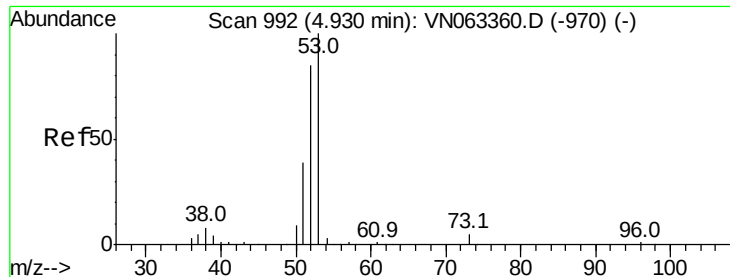
Ion Ratio Lower Upper

41 100

39 72.5 59.3 88.9

76 31.9 25.3 37.9





#15

Acrylonitrile

Concen: 85.064 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampled :

VN0917MBS01

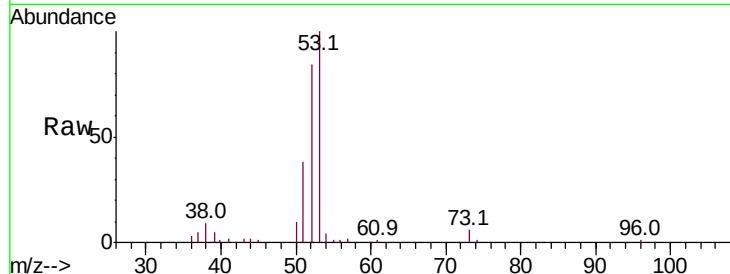
Tot Ion: 53 Resp: 144815

Ion Ratio Lower Upper

53 100

52 85.3 66.4 99.6

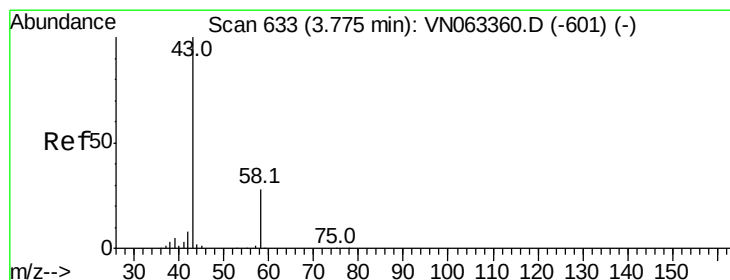
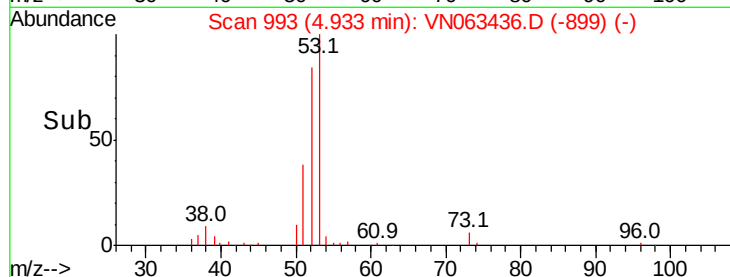
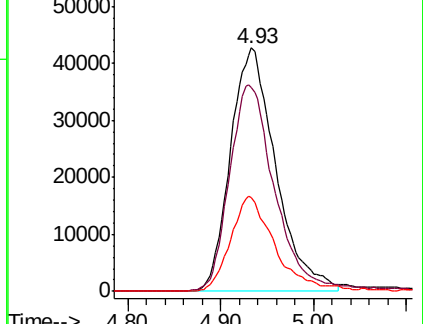
51 37.2 30.2 45.4



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: 82.236 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063436.D

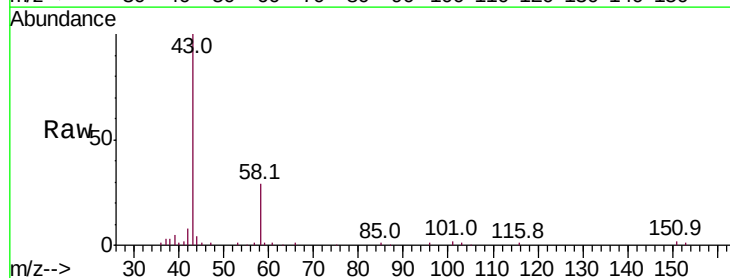
Acq: 17 Sep 2020 22:47

Tgt Ion: 43 Resp: 127682

Ion Ratio Lower Upper

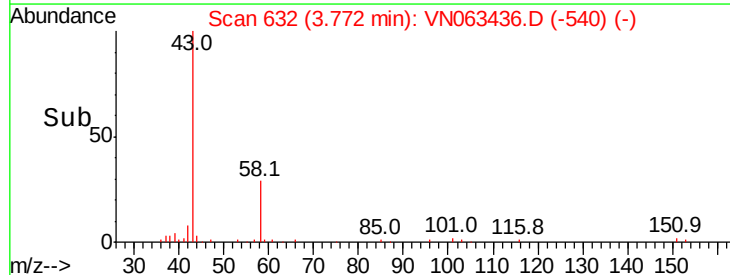
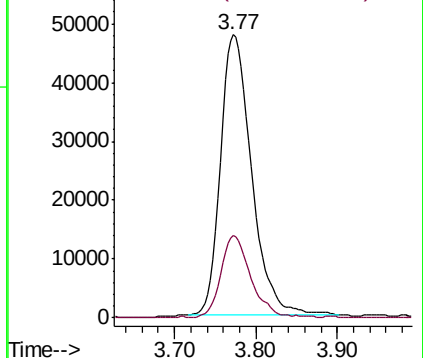
43 100

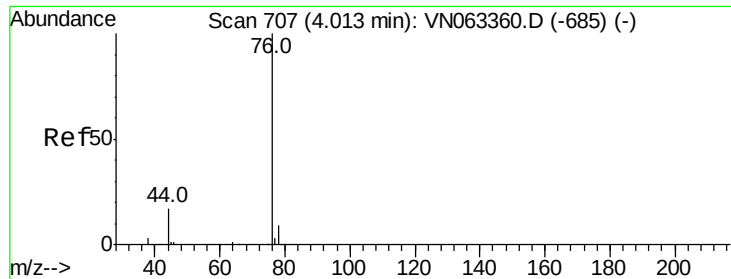
58 29.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

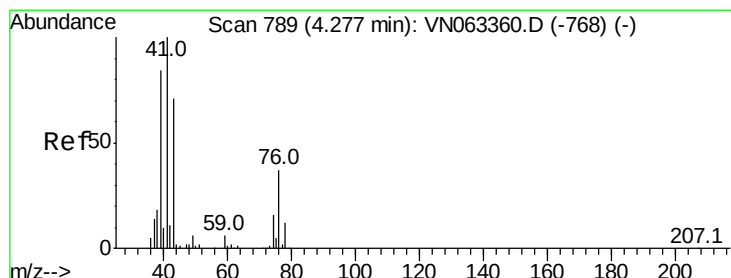
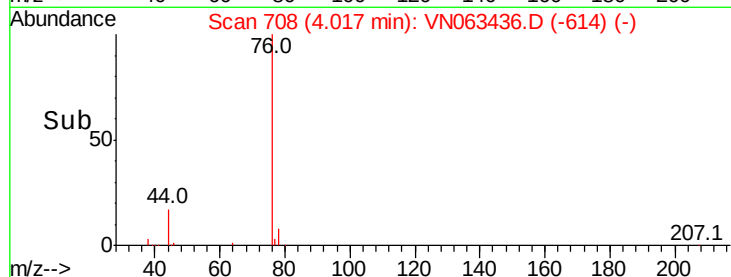
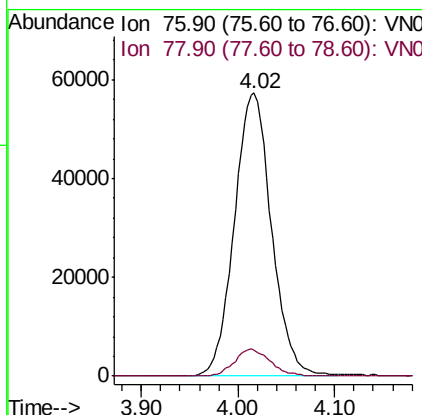
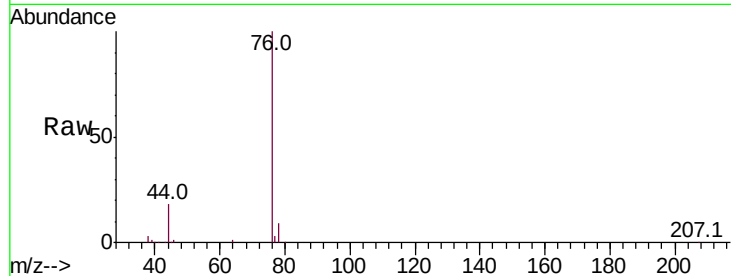




#17
Carbon Disulfide
Concen: 16.406 ug/l
RT: 4.02 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

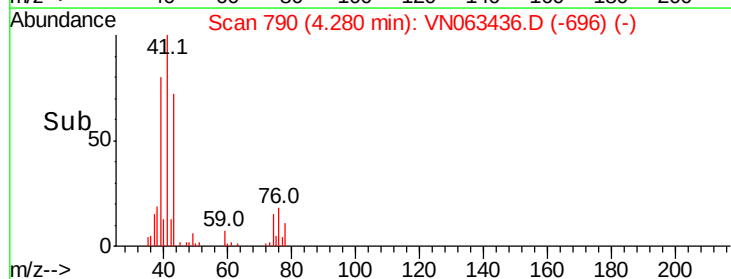
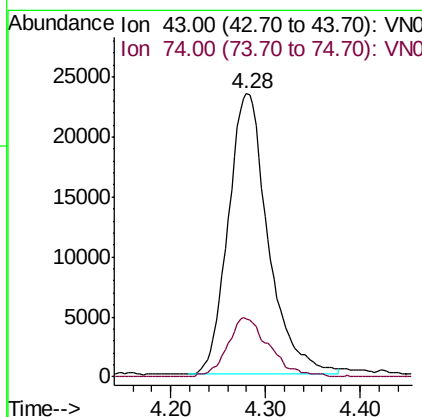
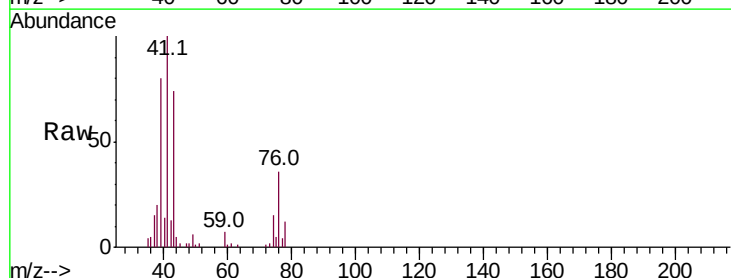
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01

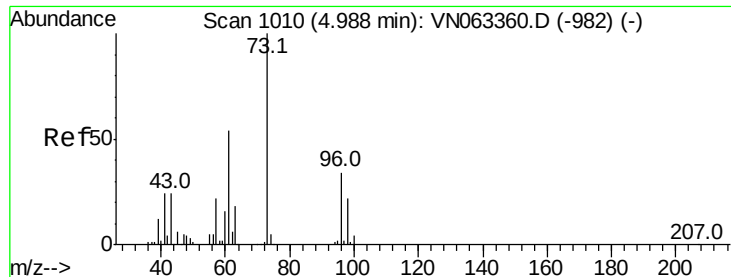
Tot Ion: 76 Resp: 152833
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 17.427 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

Tgt Ion: 43 Resp: 68691
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.2

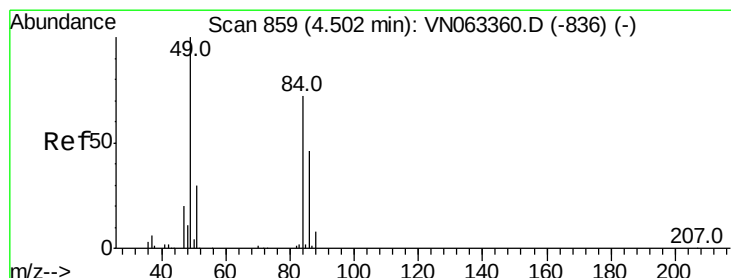
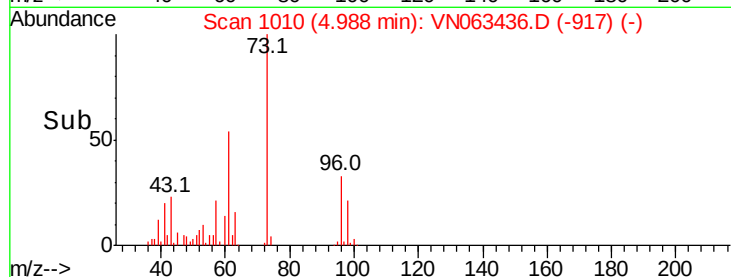
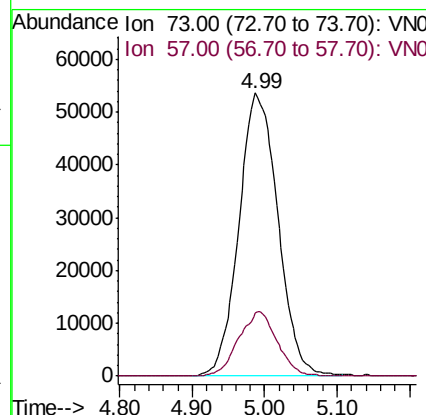
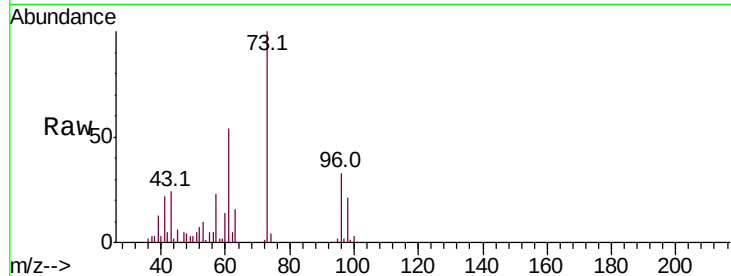




#19
Methvl tert-butvl Ether
Concen: 16.845 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

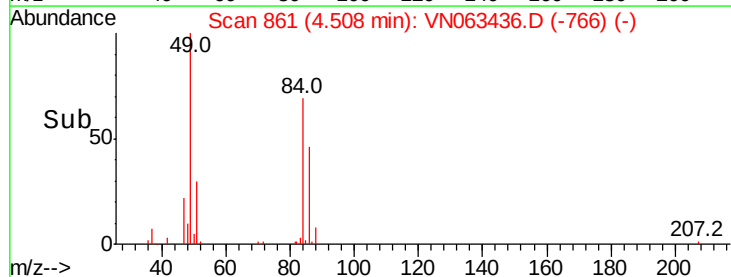
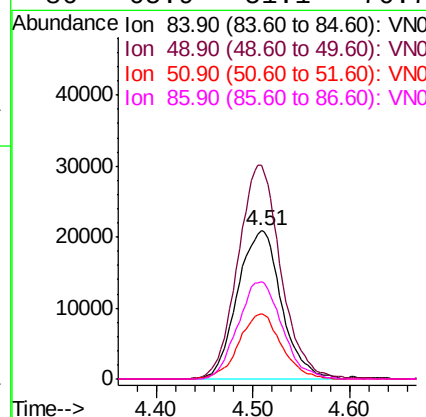
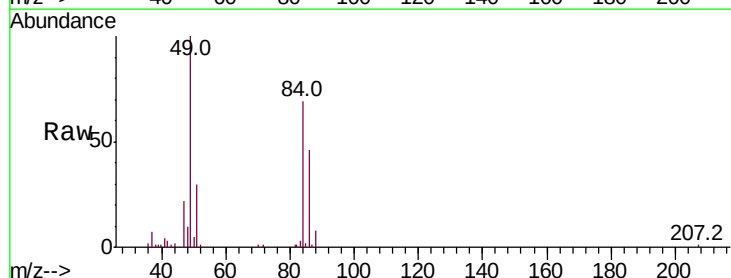
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01

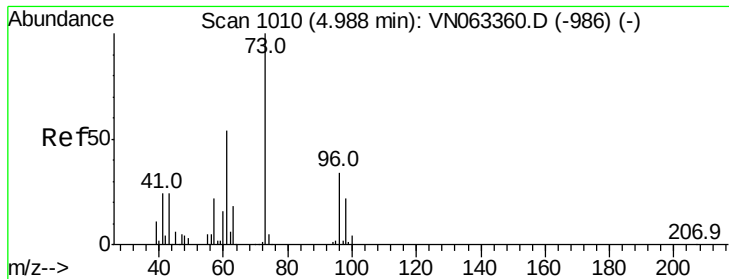
Tot Ion: 73 Resp: 201072
Ion Ratio Lower Upper
73 100
57 22.5 17.9 26.9



#20
Methylene Chloride
Concen: 16.805 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

Tgt Ion: 84 Resp: 66107
Ion Ratio Lower Upper
84 100
49 143.1 110.7 166.1
51 43.9 32.9 49.3
86 65.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 16.697 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

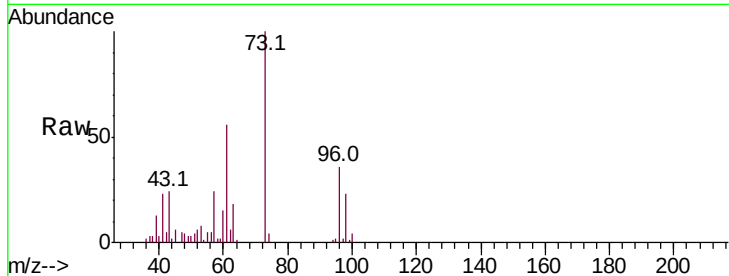
Tot Ion: 96 Resp: 59248

Ion Ratio Lower Upper

96 100

61 156.3 126.2 189.4

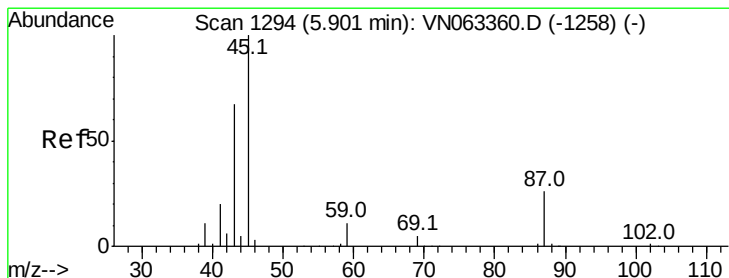
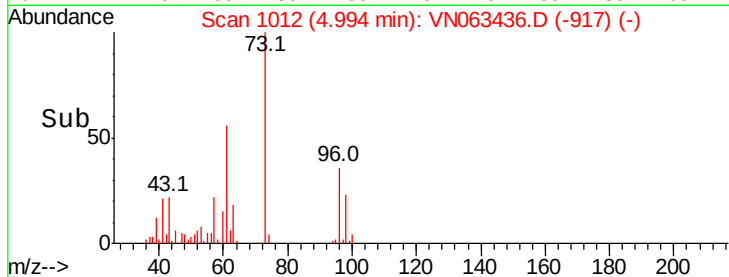
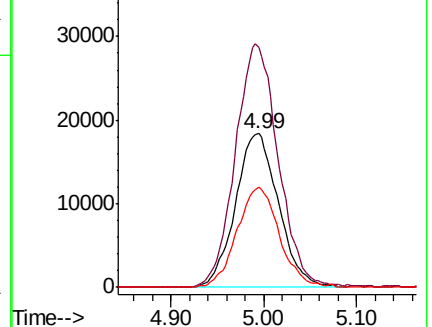
98 65.0 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN063360.D (-986) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-986) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-986) (-)



#22

Diisopropyl ether

Concen: 17.313 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Tgt Ion: 45 Resp: 223686

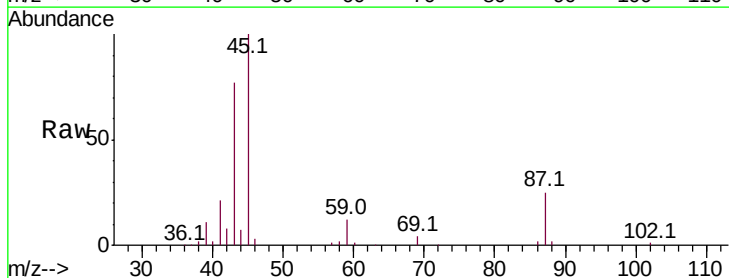
Ion Ratio Lower Upper

45 100

43 74.3 53.5 80.3

87 25.1 21.2 31.8

59 11.2 8.8 13.2

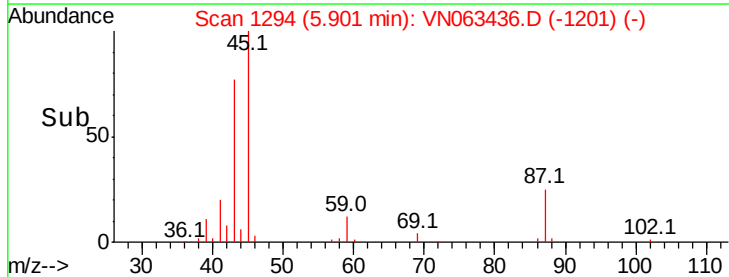
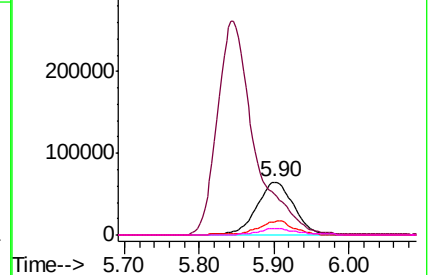


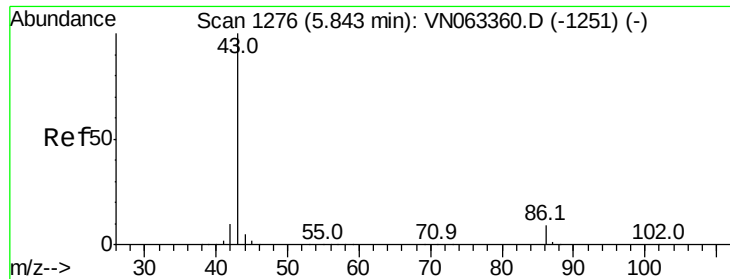
Abundance Ion 45.00 (44.70 to 45.70): VN063360.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN063360.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN063360.D (-1258) (-)

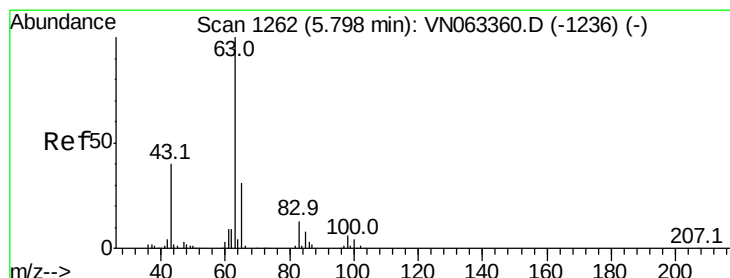
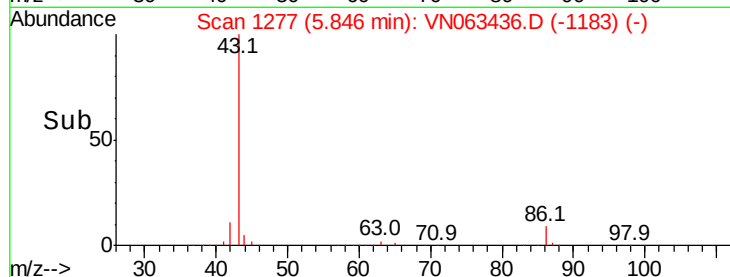
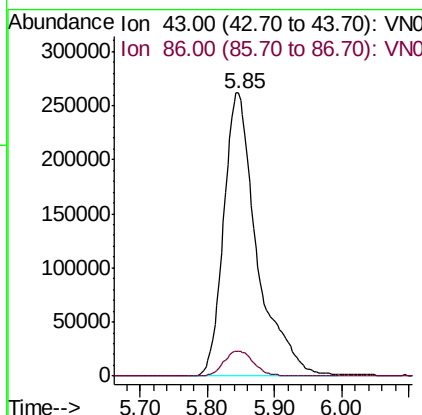
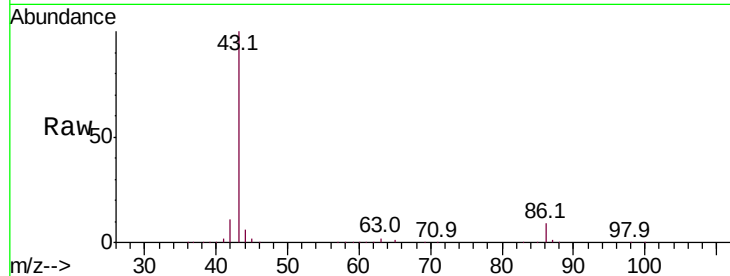




#23
 Vinyl Acetate
 Concen: 84.982 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

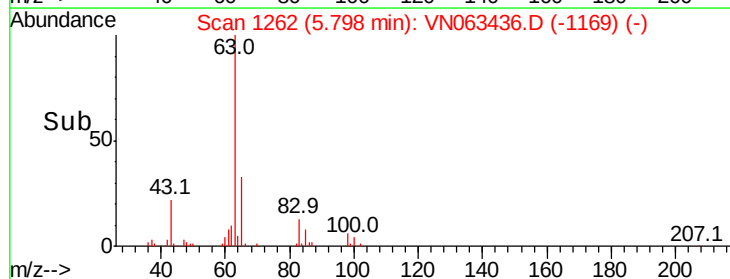
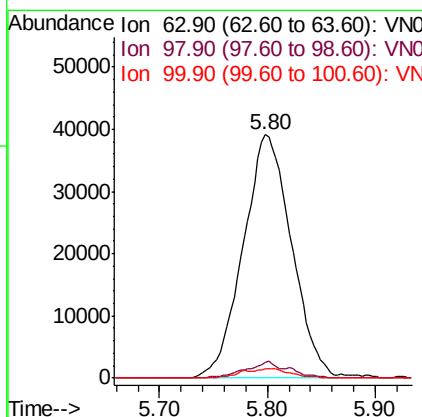
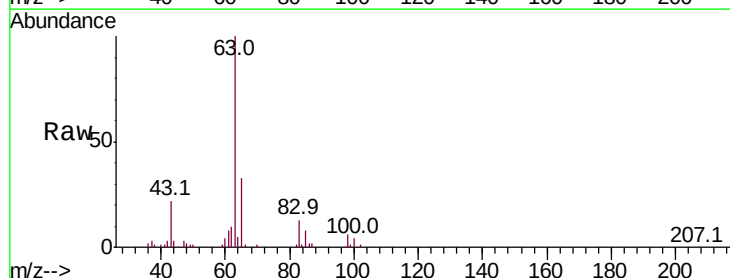
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

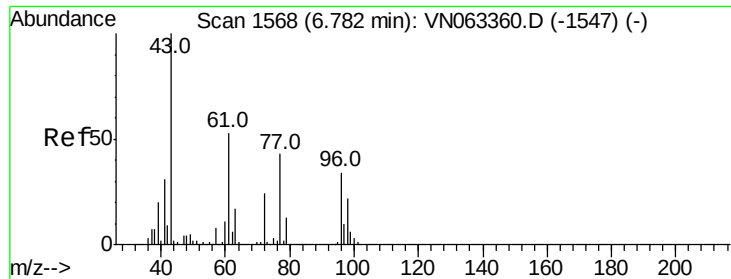
Tot Ion: 43 Resp: 901727
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 17.283 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

Tgt Ion: 63 Resp: 121909
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.8
 100 3.7 2.1 6.3





#25

2-Butanone

Concen: 83.765 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

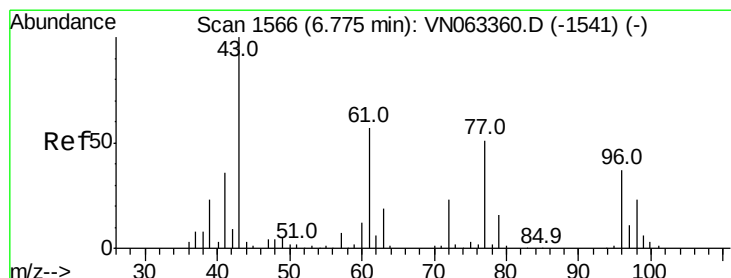
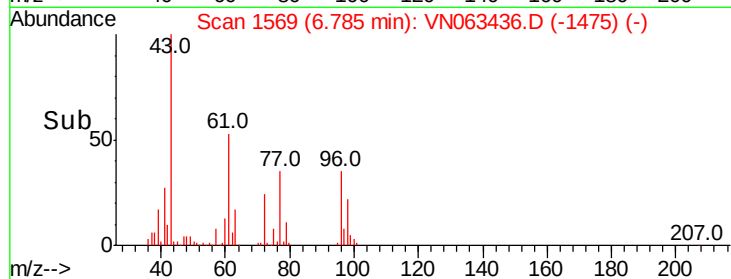
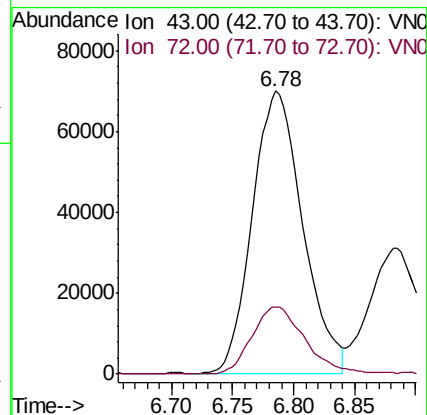
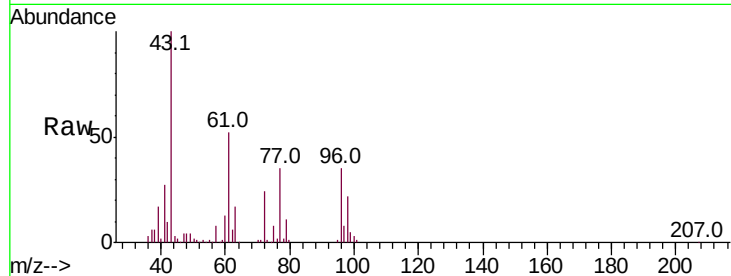
VN0917MBS01

Tot Ion: 43 Resp: 200022

Ion Ratio Lower Upper

43 100

72 23.8 19.2 28.8



#26

2,2-Dichloropropane

Concen: 14.080 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063436.D

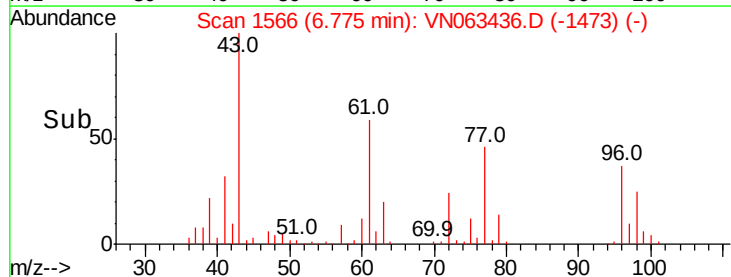
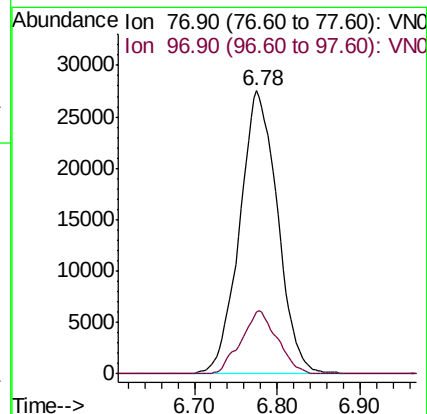
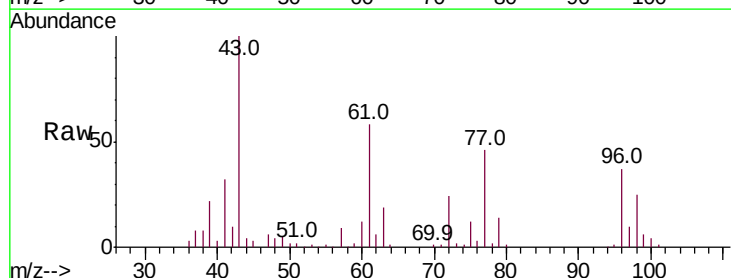
Acq: 17 Sep 2020 22:47

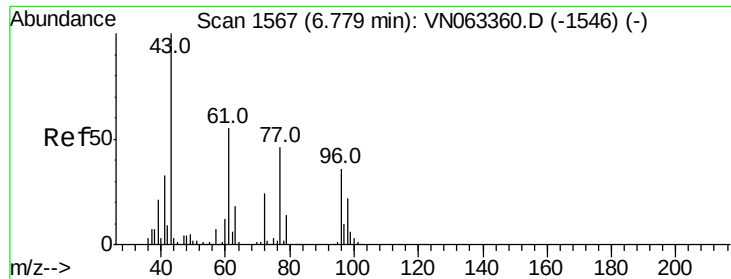
Tgt Ion: 77 Resp: 87440

Ion Ratio Lower Upper

77 100

97 21.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 17.408 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

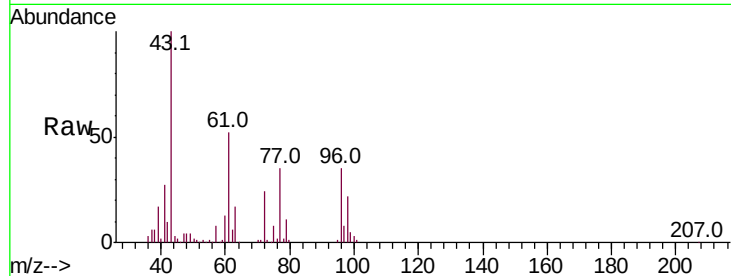
Tot Ion: 96 Resp: 69914

Ion Ratio Lower Upper

96 100

61 156.8 0.0 319.6

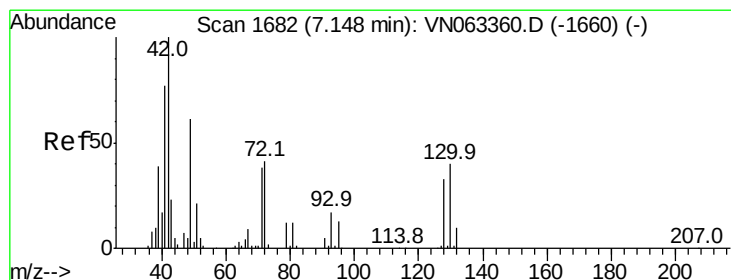
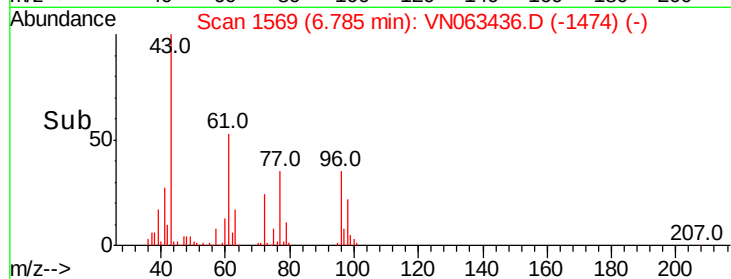
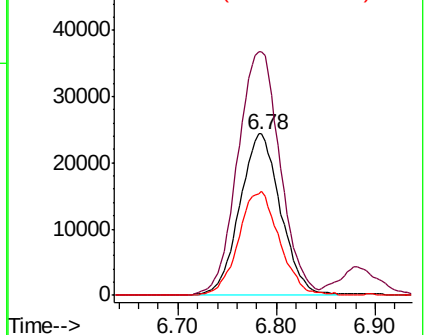
98 64.6 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.181 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

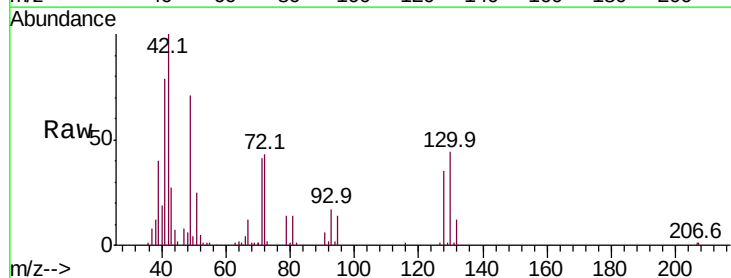
Tgt Ion: 49 Resp: 62472

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.8

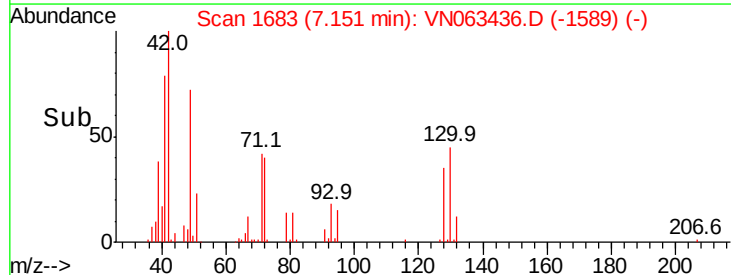
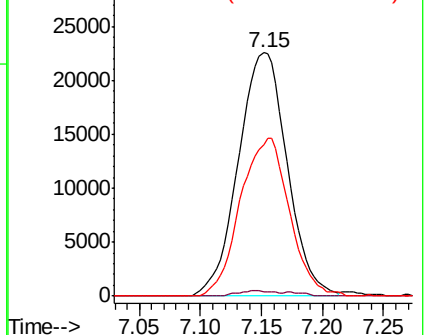
130 65.3 52.2 78.2

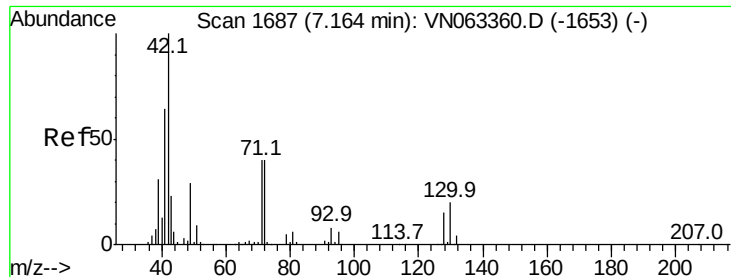


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

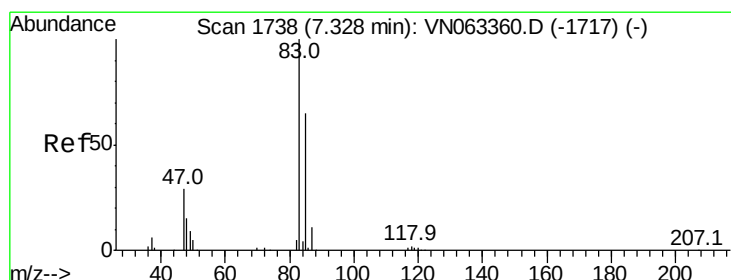
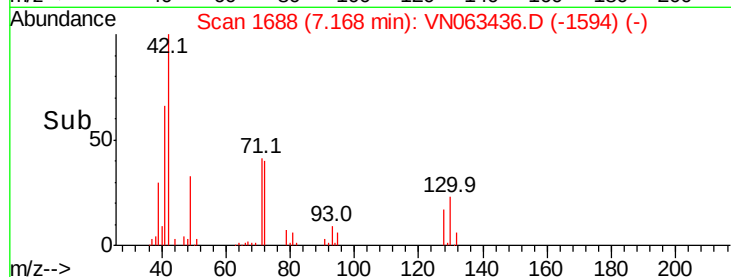
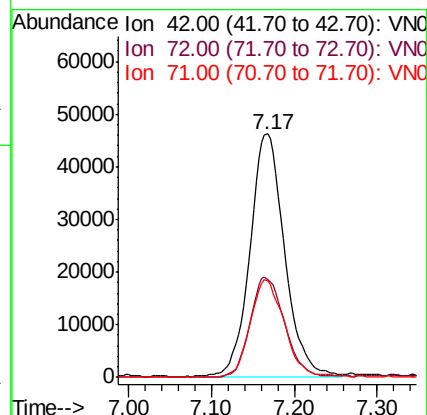
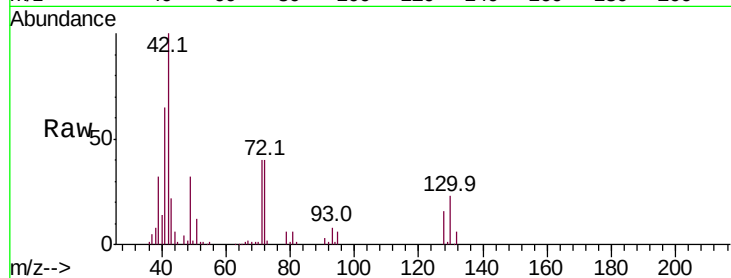




#29
Tetrahydrofuran
Concen: 81.833 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

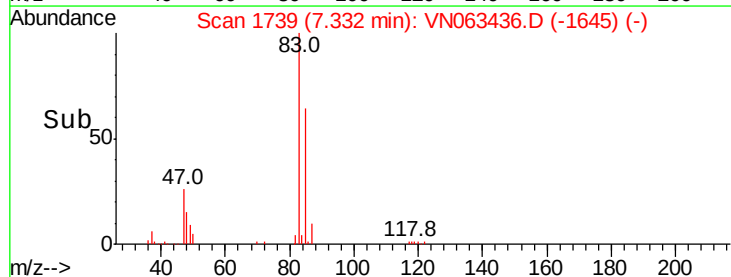
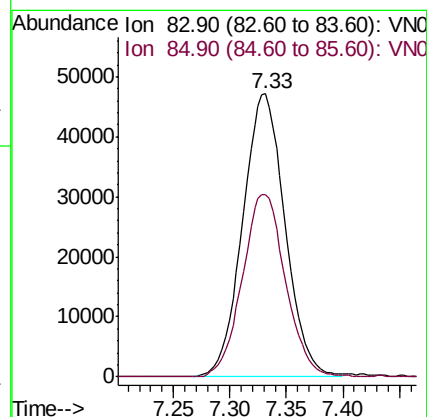
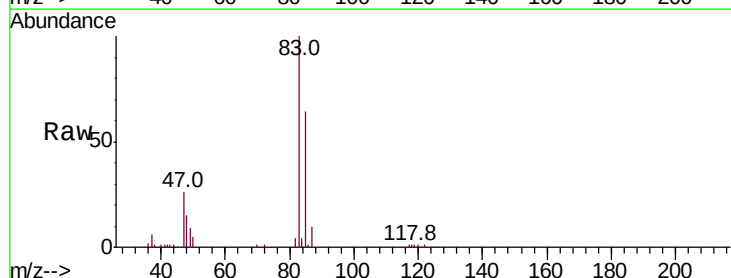
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01

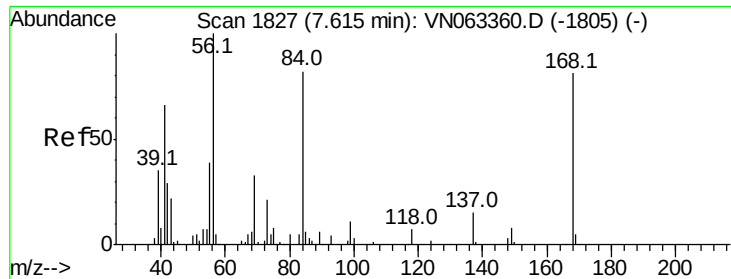
Tot Ion: 42 Resp: 133460
Ion Ratio Lower Upper
42 100
72 40.9 32.1 48.1
71 39.7 31.2 46.8



#30
Chloroform
Concen: 17.340 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

Tgt Ion: 83 Resp: 122716
Ion Ratio Lower Upper
83 100
85 64.4 52.1 78.1





#31

Cyclohexane

Concen: 15.771 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

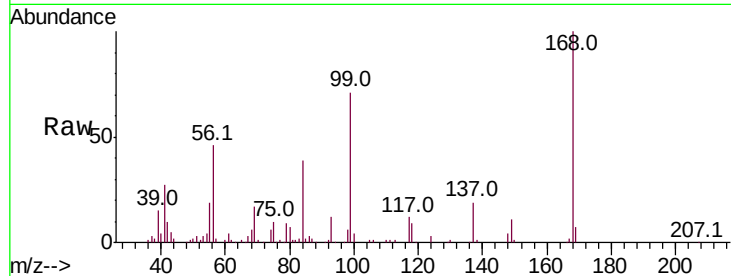
Tot Ion: 56 Resp: 105228

Ion Ratio Lower Upper

56 100

69 37.1 26.1 39.1

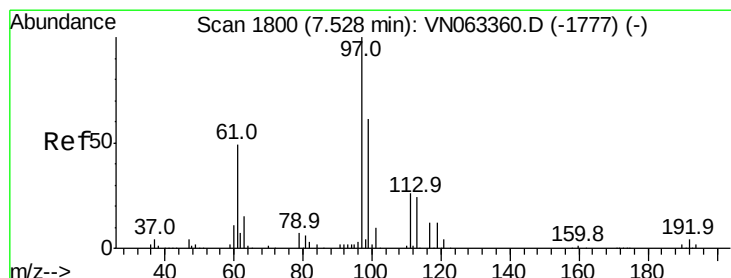
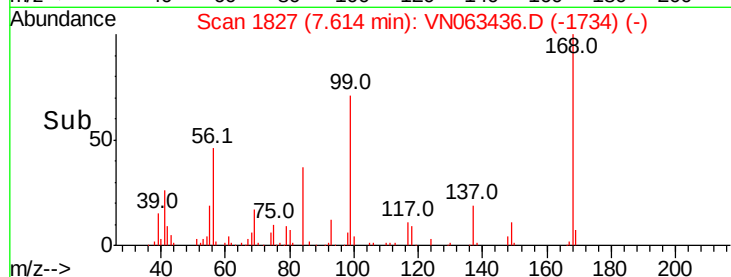
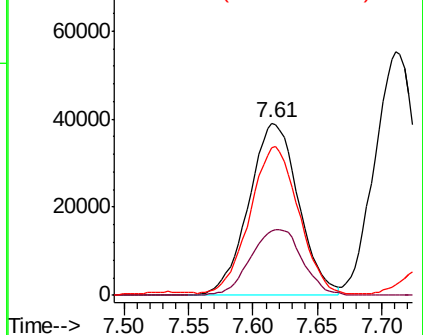
84 83.7 65.4 98.2



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: 17.322 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

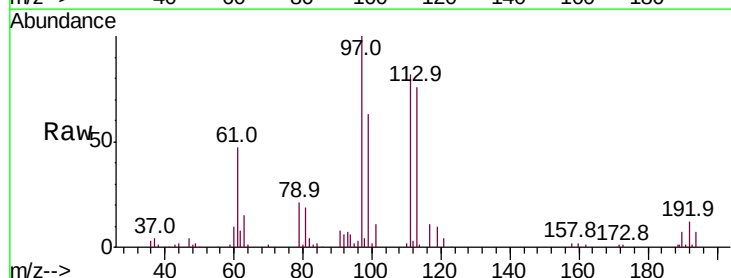
Tgt Ion: 97 Resp: 109032

Ion Ratio Lower Upper

97 100

99 62.5 50.6 76.0

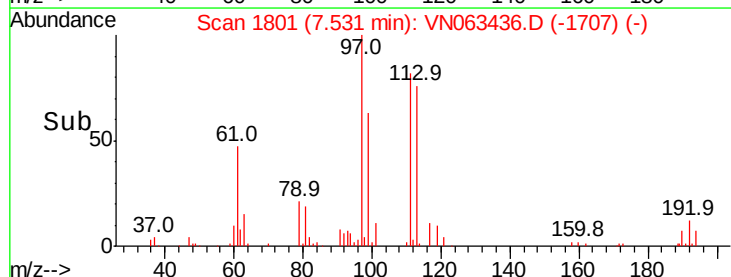
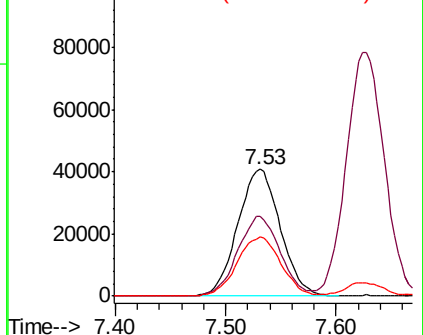
61 48.1 39.2 58.8

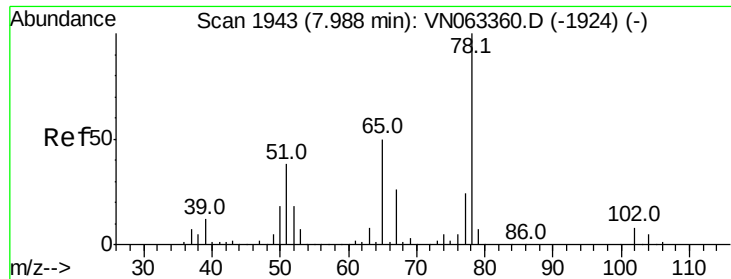


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

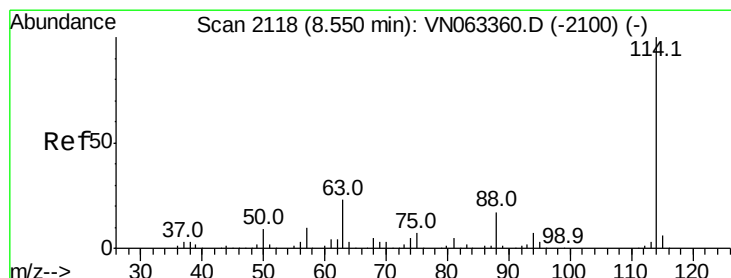
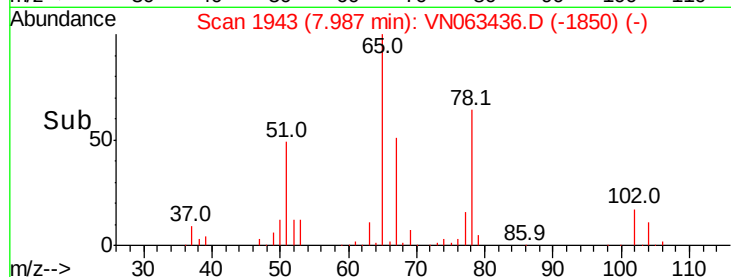
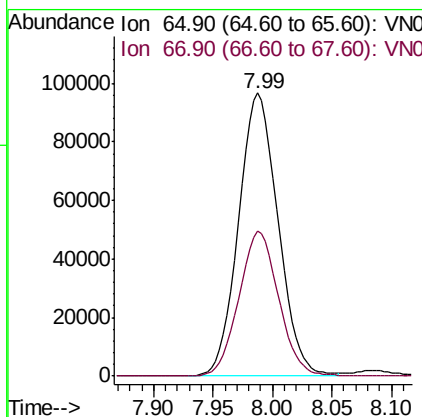
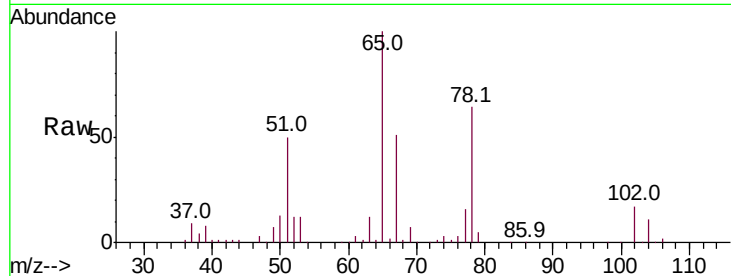




#33
 1,2-Dichloroethane-d4
 Concen: 46.044 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

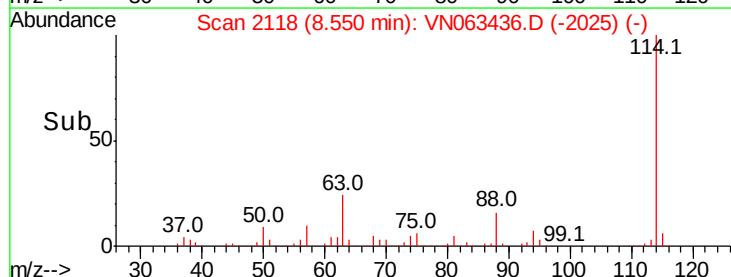
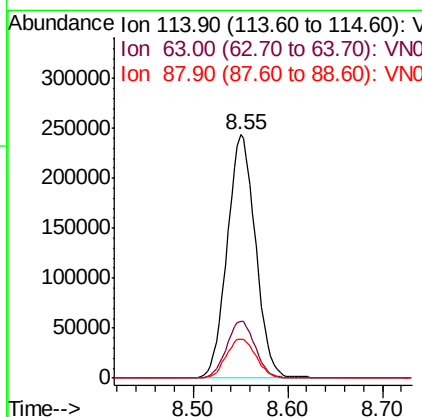
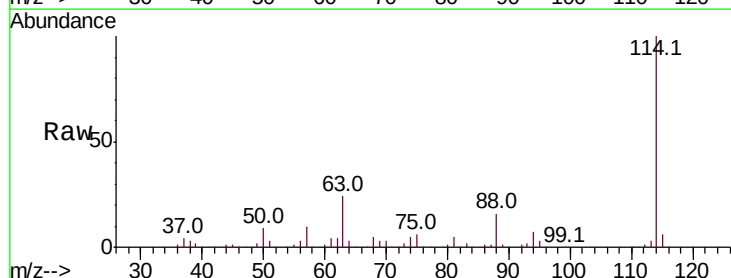
Instrument :
 MSVOA_N
 ClientSampled :
 VN0917MBS01

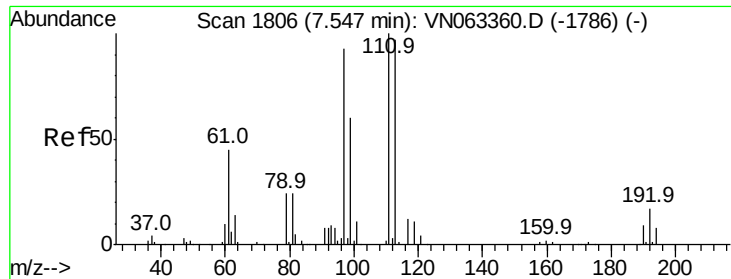
Tot Ion: 65 Resp: 222443
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

Tgt Ion: 114 Resp: 506874
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.4
 88 16.2 0.0 33.2

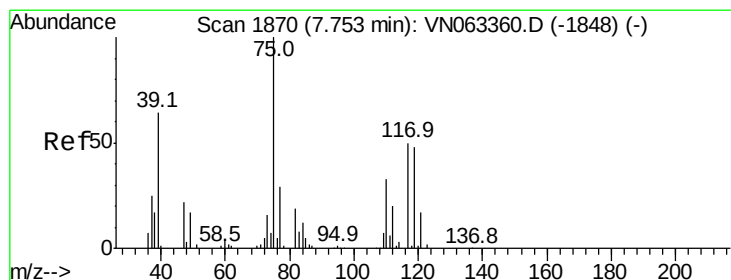
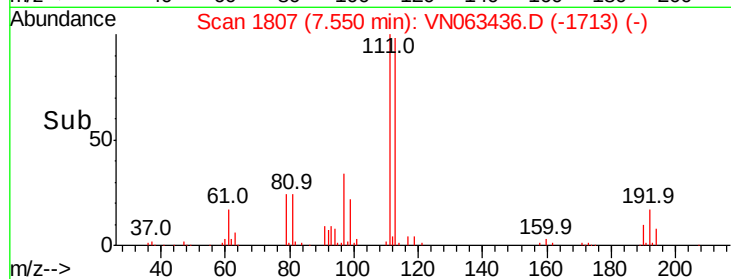
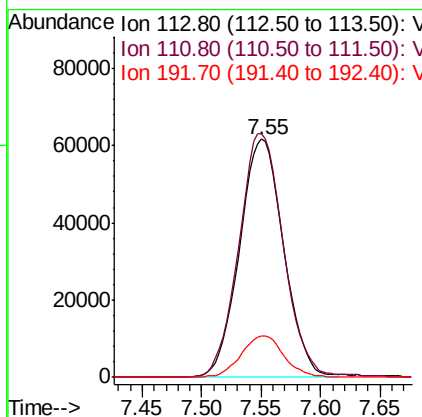
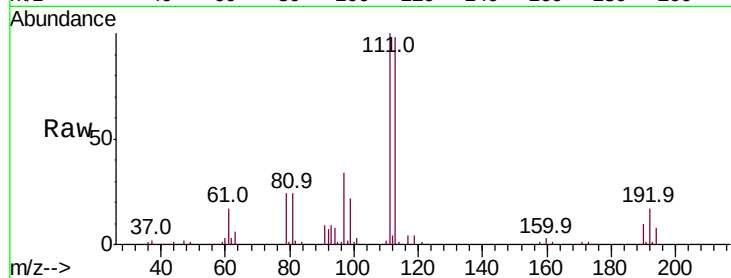




#35
 Dibromofluoromethane
 Concen: 45.084 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

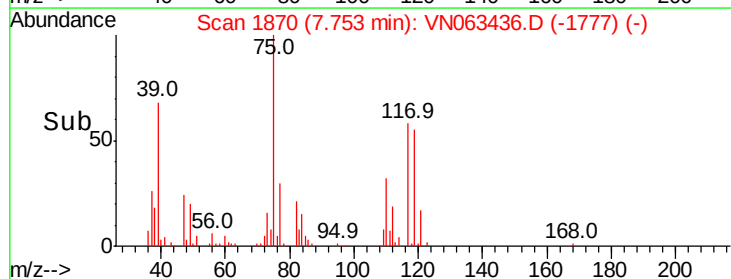
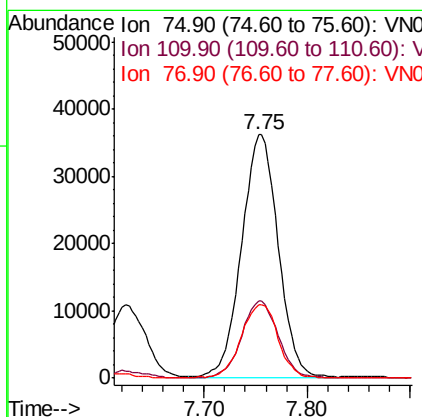
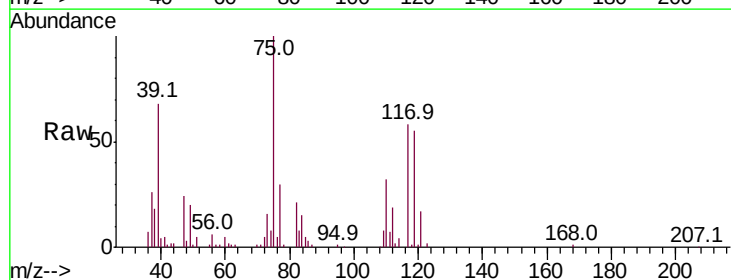
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

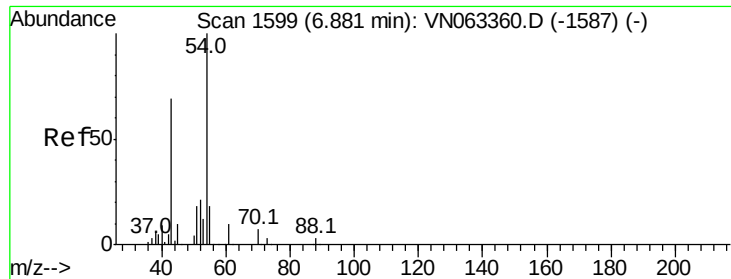
Tot Ion:113 Resp: 158199
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.9 124.3
 192 17.0 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 16.635 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

Tgt Ion: 75 Resp: 89832
 Ion Ratio Lower Upper
 75 100
 110 31.5 16.5 49.5
 77 30.4 24.6 36.8

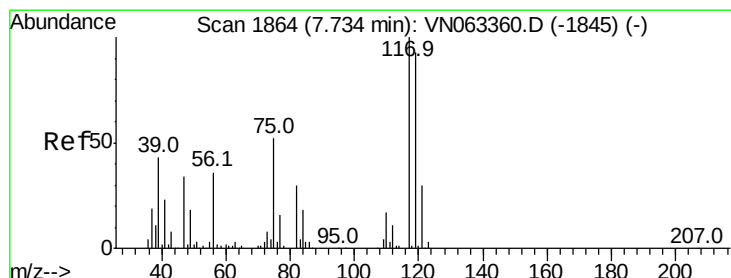
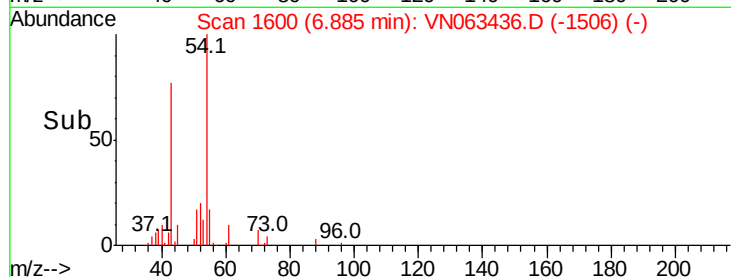
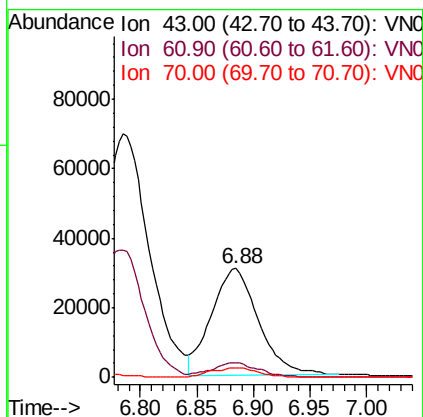
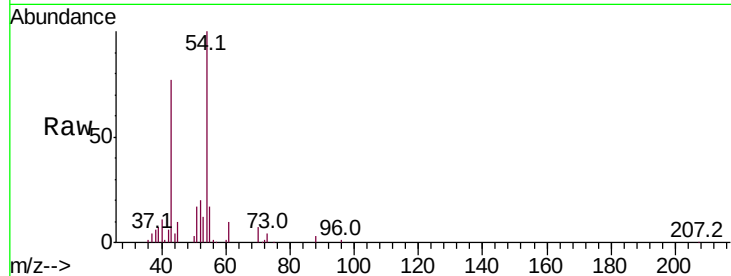




#37
Ethyl Acetate
Concen: 16.786 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

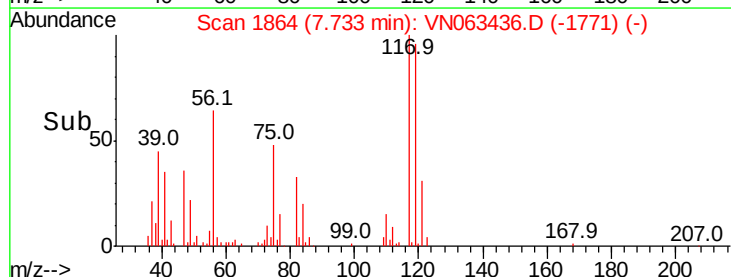
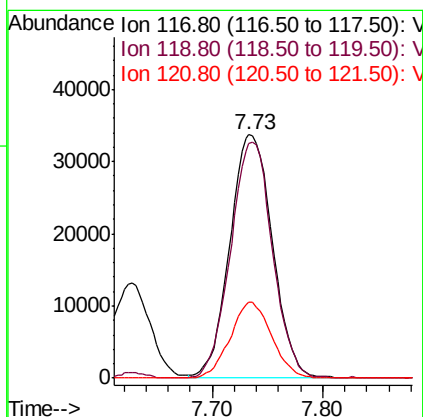
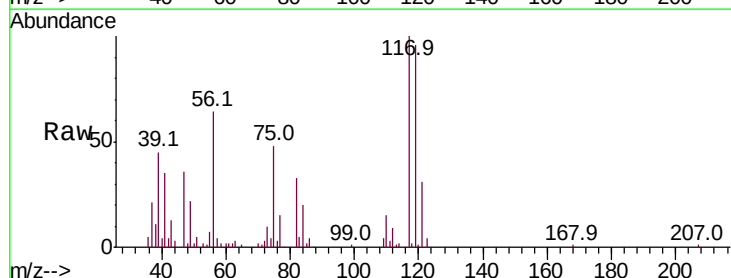
Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01

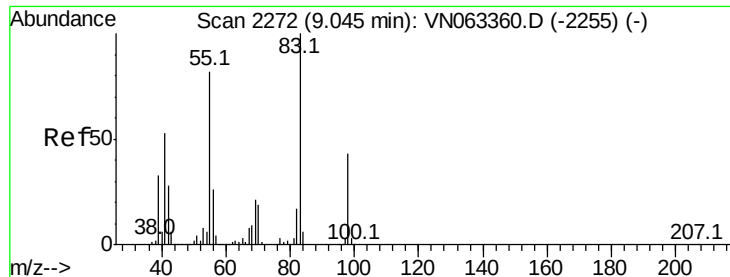
Tot Ion: 43 Resp: 88962
Ion Ratio Lower Upper
43 100
61 14.1 10.6 15.8
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 16.360 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

Tgt Ion: 117 Resp: 90182
Ion Ratio Lower Upper
117 100
119 96.1 74.5 111.7
121 31.4 24.1 36.1

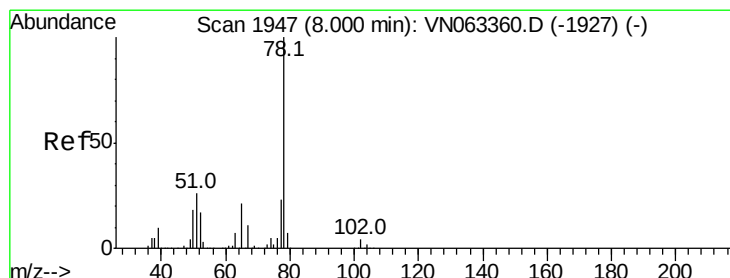
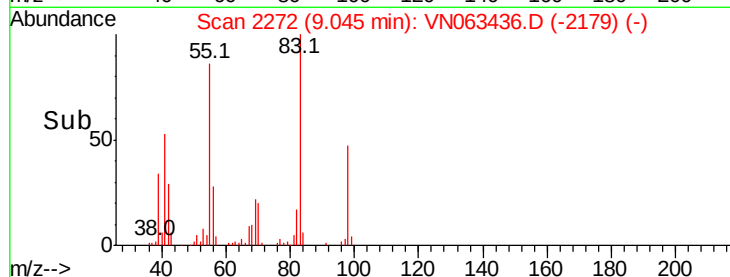
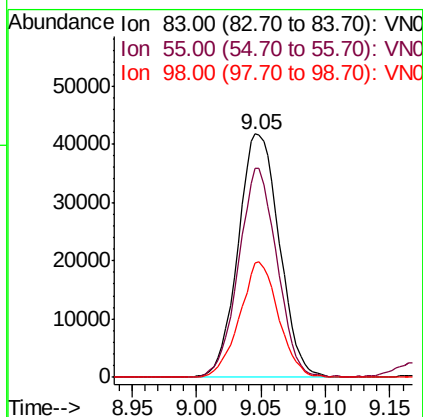
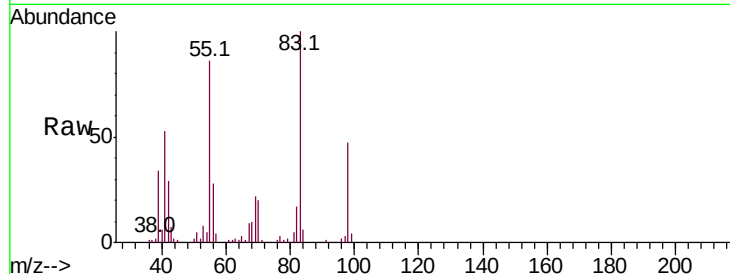




#39
Methylvlcyclohexane
Concen: 15.840 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

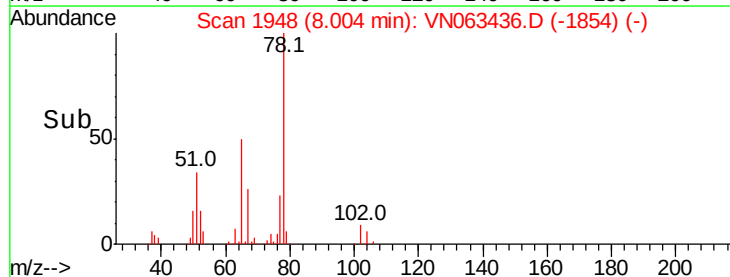
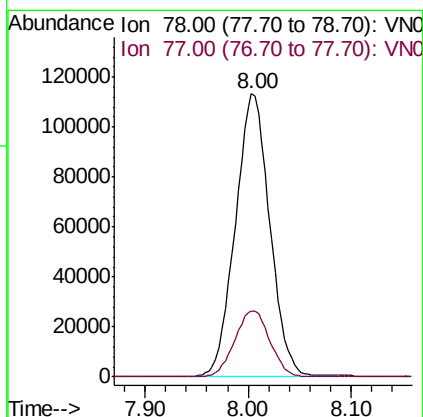
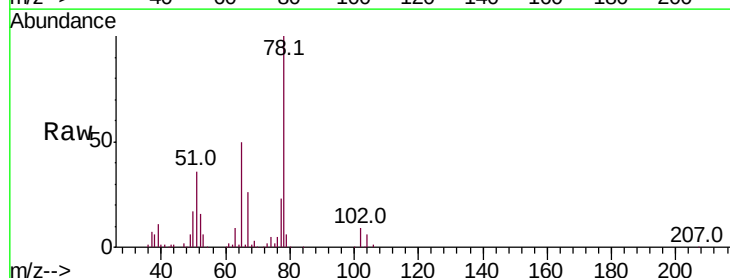
Instrument :
MSVOA_N
ClientSampled :
VN0917MBS01

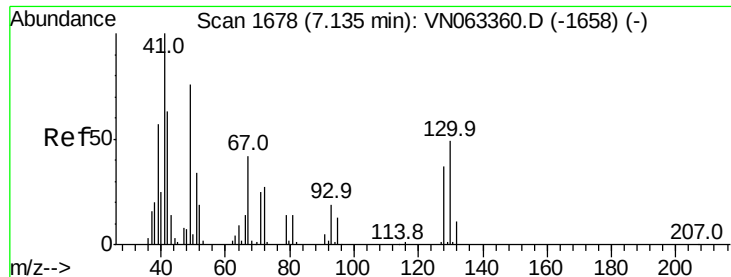
Tot Ion	83	Resp	92836
Ion Ratio	100	Lower	Upper
55	86.0	65.5	98.3
98	46.8	34.2	51.4



#40
Benzene
Concen: 17.129 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

Tgt Ion	78	Resp	264047
Ion Ratio	100	Lower	Upper
77	23.5	18.3	27.5

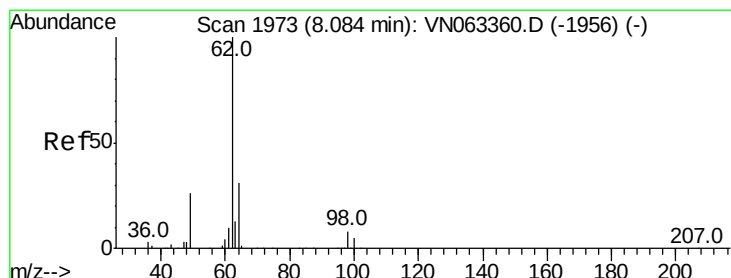
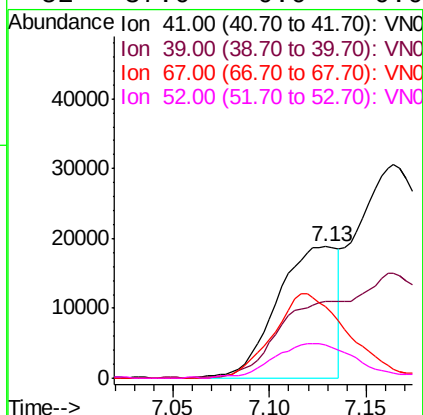
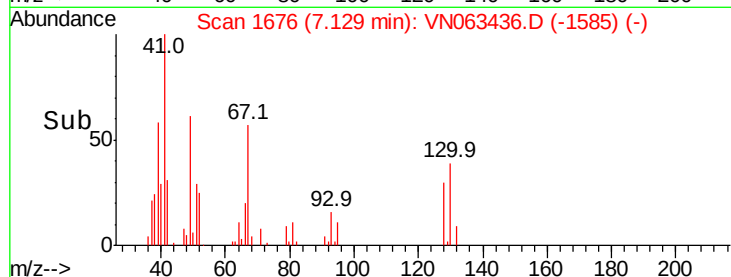
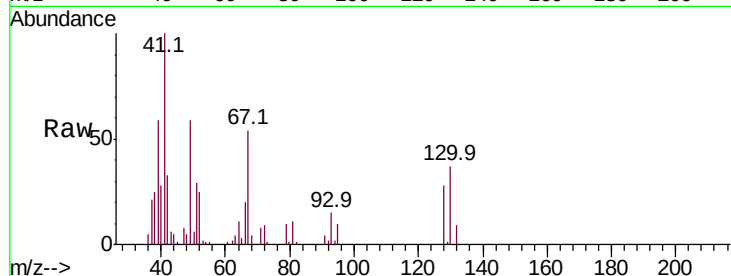




#41
Methacrylonitrile
Concen: 17.239 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

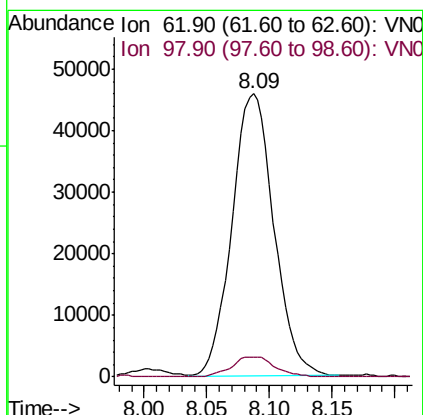
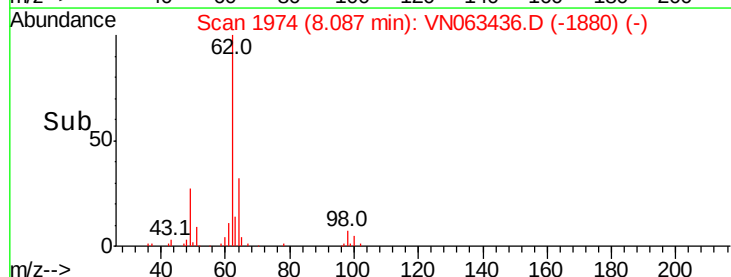
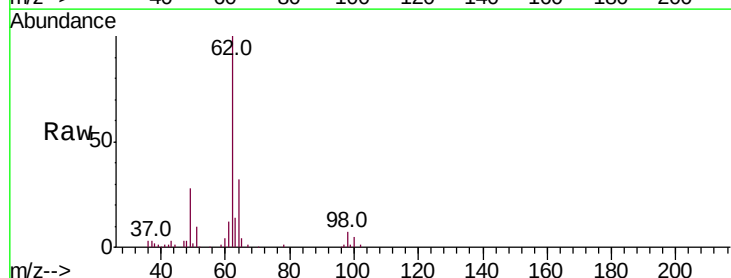
Instrument :
MSVOA_N
ClientSampled :
VN0917MBS01

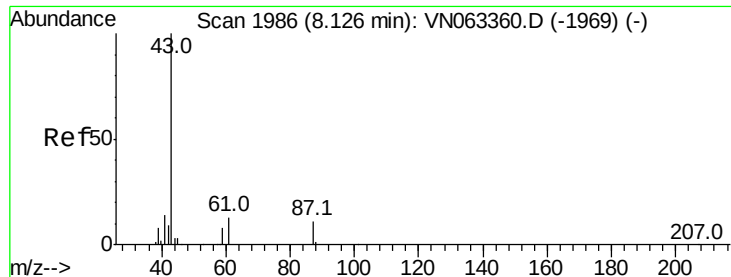
Tot Ion: 41 Resp: 41092
Ion Ratio Lower Upper
41 100
39 63.6 0.0 0.0#
67 79.6 0.0 0.0#
52 37.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 17.180 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

Tgt Ion: 62 Resp: 106501
Ion Ratio Lower Upper
62 100
98 7.4 0.0 15.6





#43

Isopropyl Acetate

Concen: 15.839 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

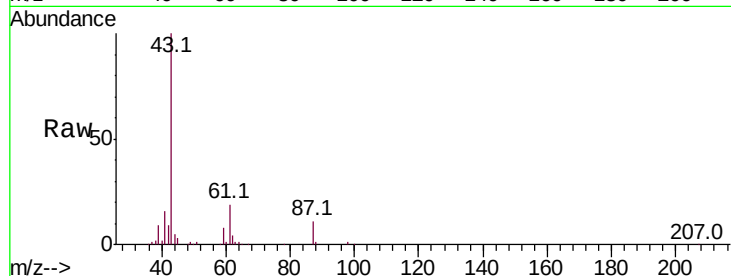
Tot Ion: 43 Resp: 150105

Ion Ratio Lower Upper

43 100

61 18.1 14.2 21.2

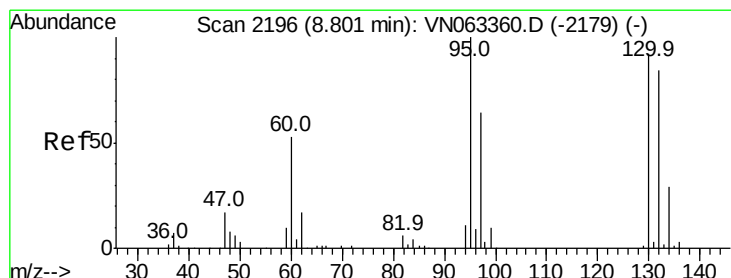
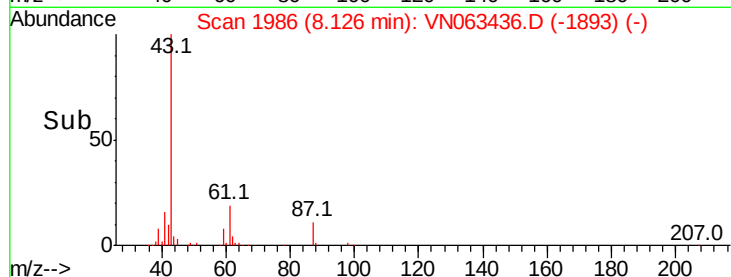
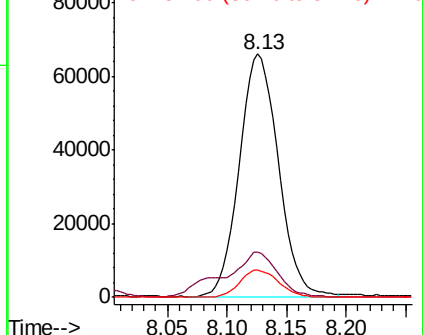
87 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063360.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063360.D (-1969) (-)



#44

Trichloroethene

Concen: 17.181 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063436.D

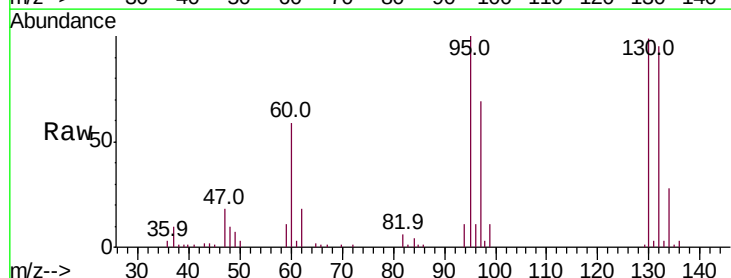
Acq: 17 Sep 2020 22:47

Tgt Ion: 130 Resp: 64236

Ion Ratio Lower Upper

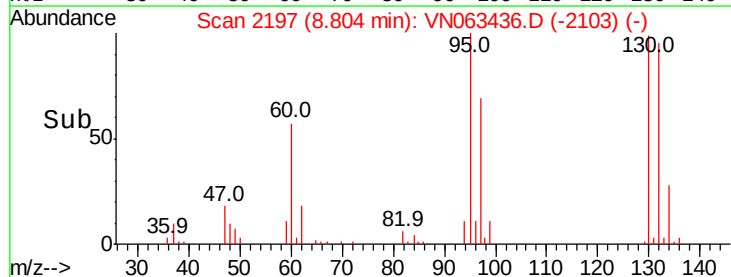
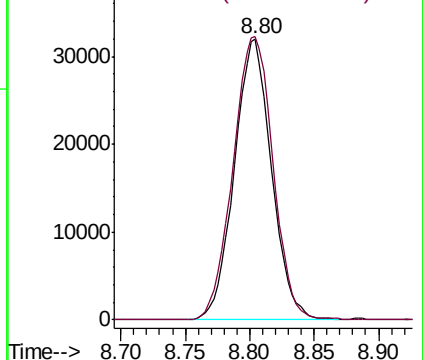
130 100

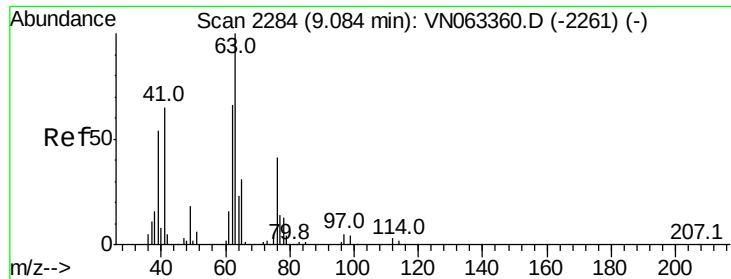
95 100.8 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)

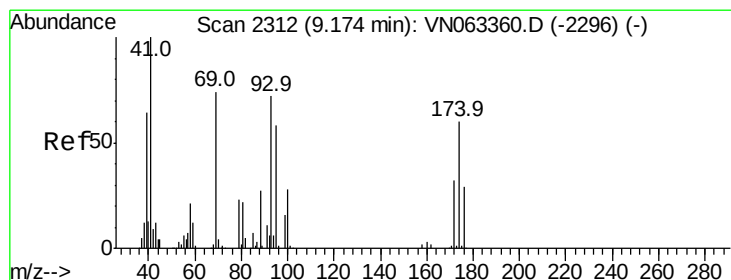
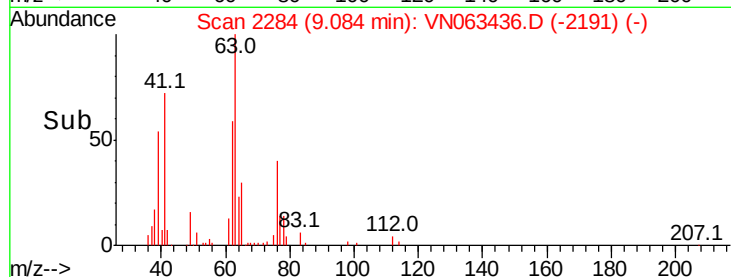
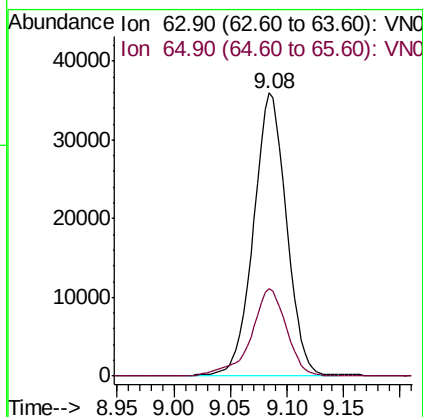
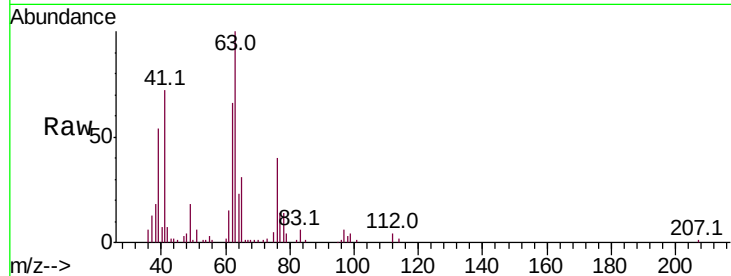




#45
 1,2-Dichloropropane
 Concen: 17.389 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

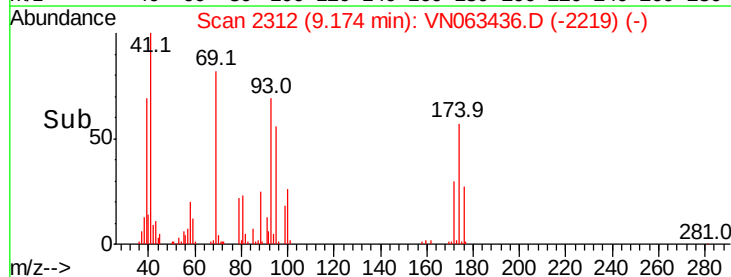
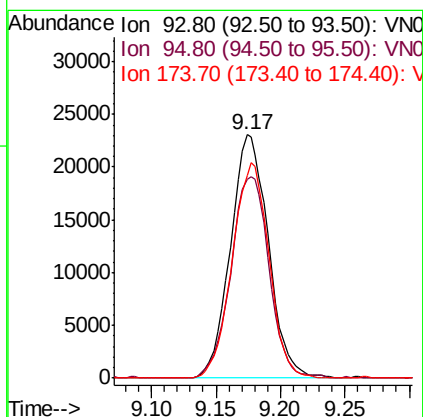
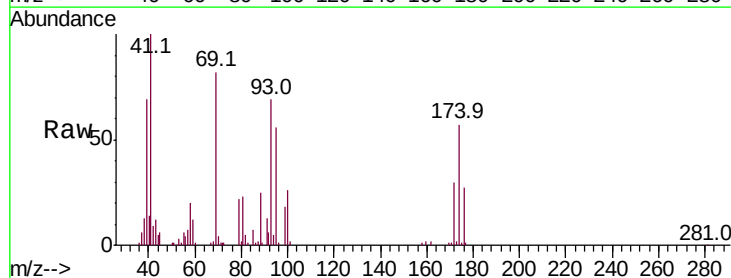
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

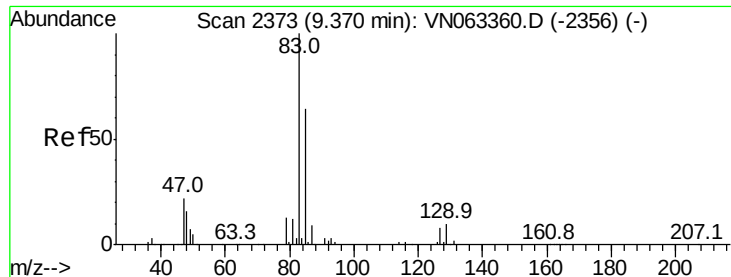
Tot Ion: 63 Resp: 73008
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6



#46
 Dibromomethane
 Concen: 17.046 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

Tgt Ion: 93 Resp: 47038
 Ion Ratio Lower Upper
 93 100
 95 83.6 65.6 98.4
 174 85.9 68.1 102.1





#47

Bromodichloromethane

Concen: 16.771 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

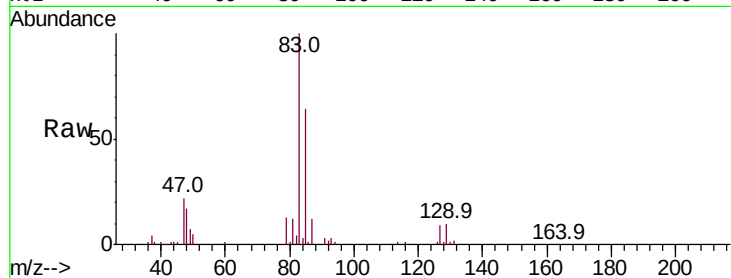
Tot Ion: 83 Resp: 96142

Ion Ratio Lower Upper

83 100

85 64.1 51.0 76.6

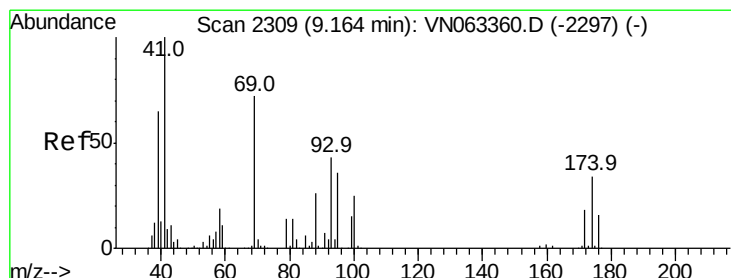
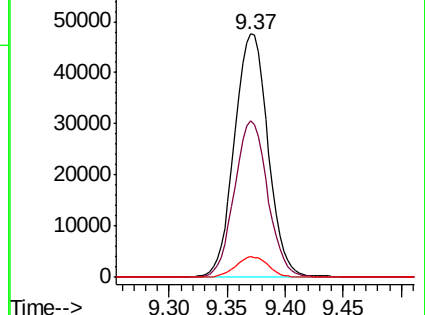
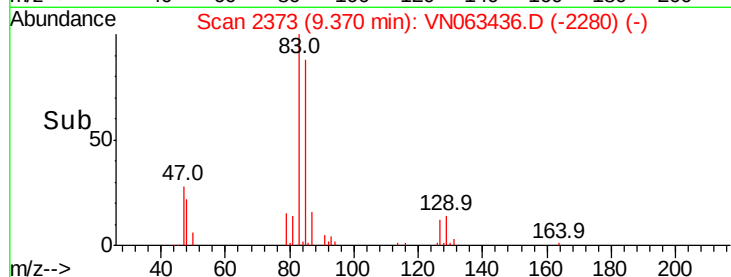
127 8.5 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.329 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

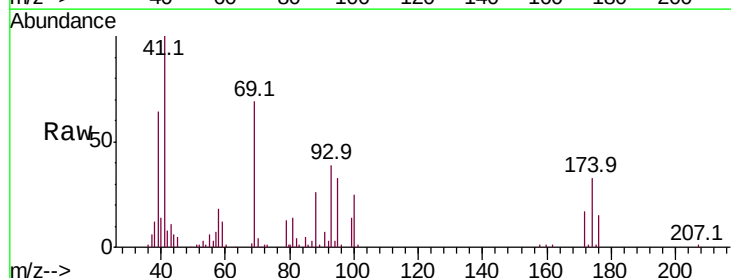
Tgt Ion: 41 Resp: 76026

Ion Ratio Lower Upper

41 100

69 76.1 59.3 88.9

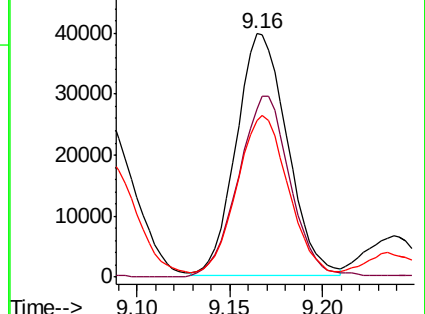
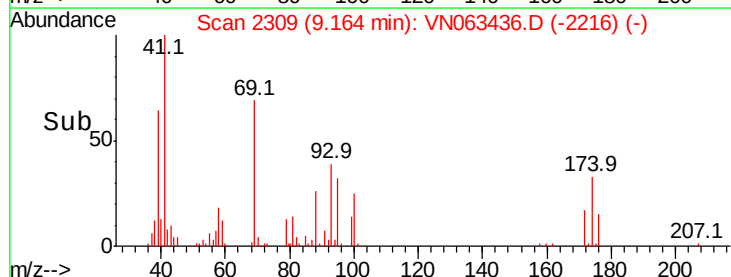
39 67.6 52.9 79.3

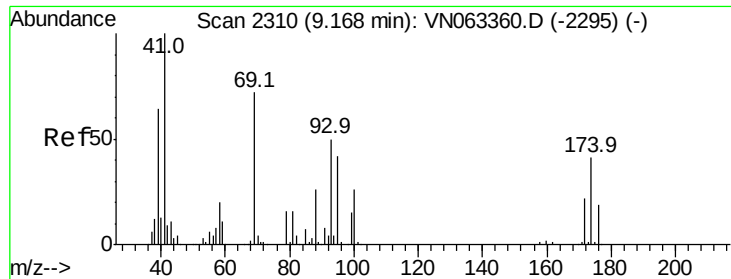


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 315.806 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

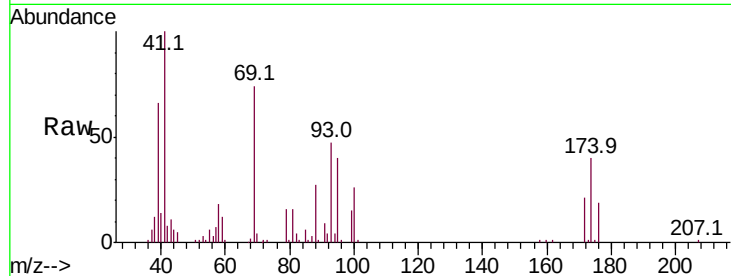
Tot Ion: 88 Resp: 21101

Ion Ratio Lower Upper

88 100

43 45.2 32.6 49.0

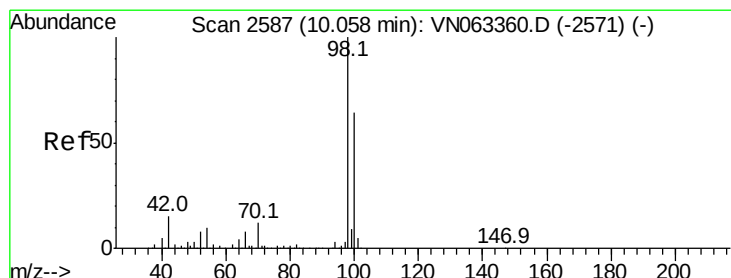
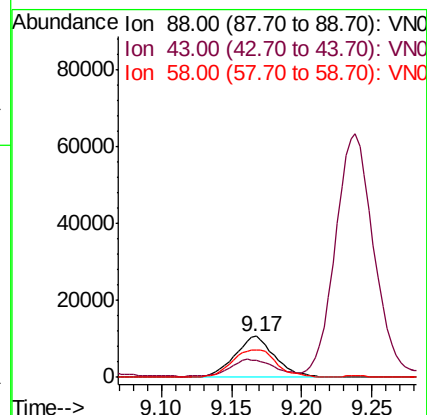
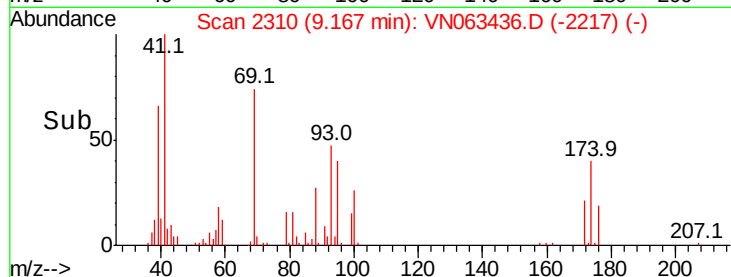
58 74.7 60.0 90.0



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: 44.907 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063436.D

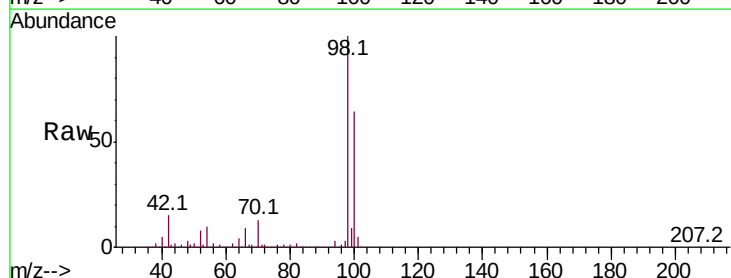
Acq: 17 Sep 2020 22:47

Tgt Ion: 98 Resp: 592522

Ion Ratio Lower Upper

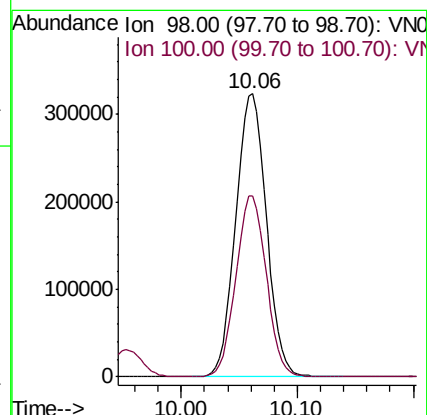
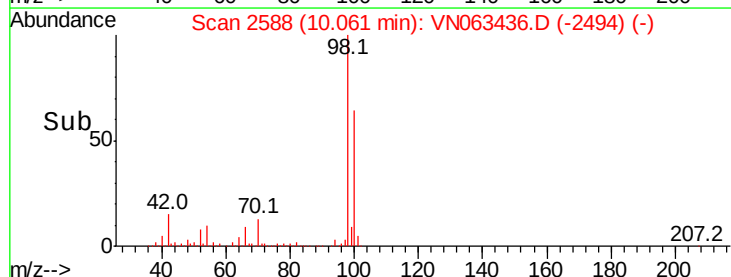
98 100

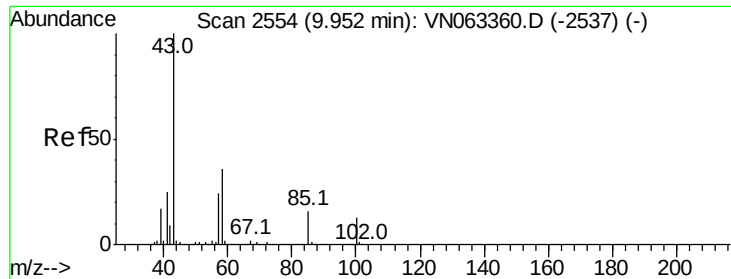
100 63.2 50.7 76.1



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: 84.921 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampled :

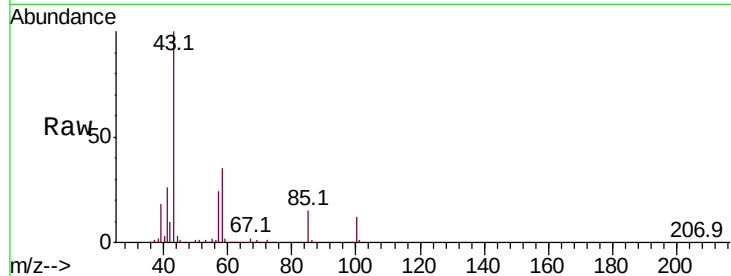
VN0917MBS01

Tot Ion: 43 Resp: 450542

Ion Ratio Lower Upper

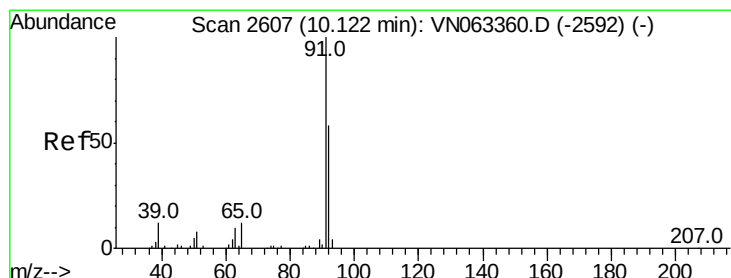
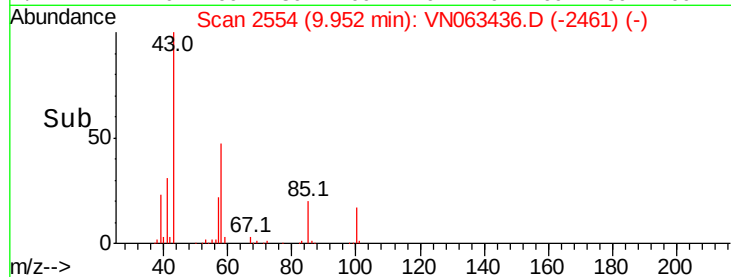
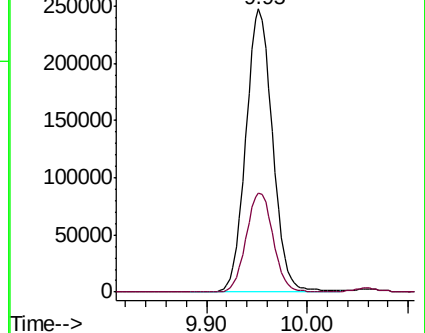
43 100

58 35.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 17.500 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063436.D

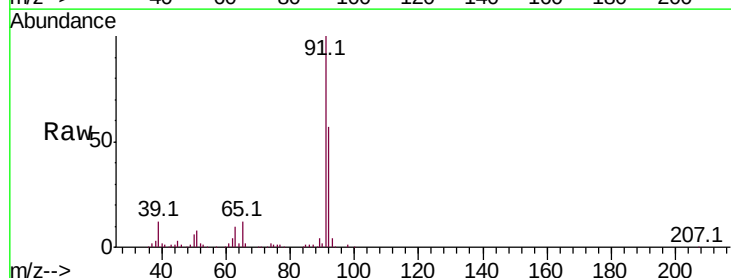
Acq: 17 Sep 2020 22:47

Tgt Ion: 92 Resp: 162188

Ion Ratio Lower Upper

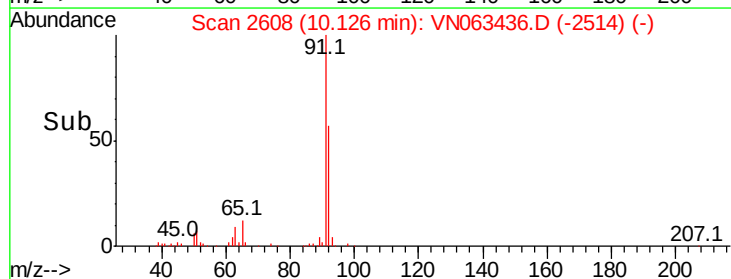
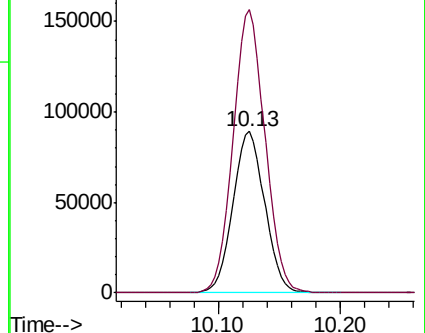
92 100

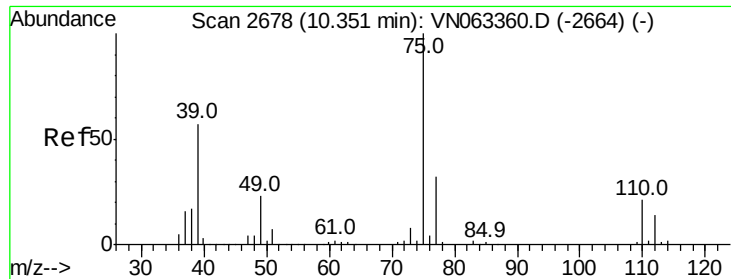
91 175.4 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 15.714 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

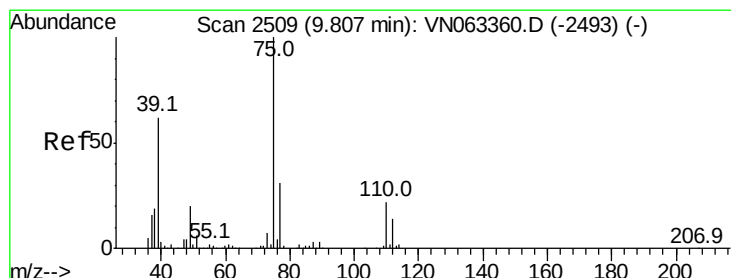
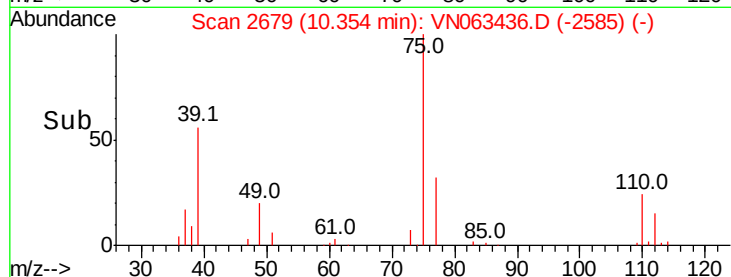
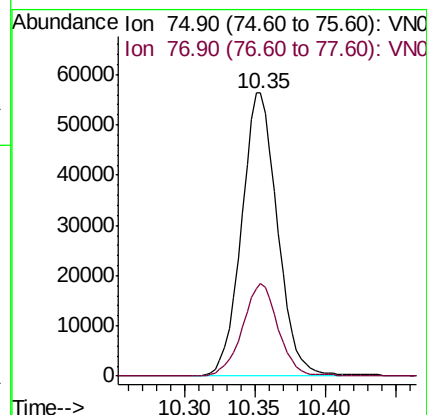
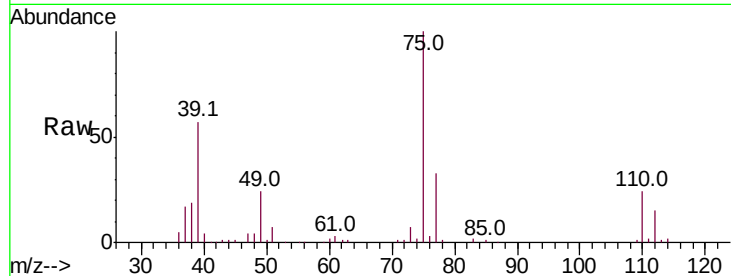
VN0917MBS01

Tot Ion: 75 Resp: 100567

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 16.203 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

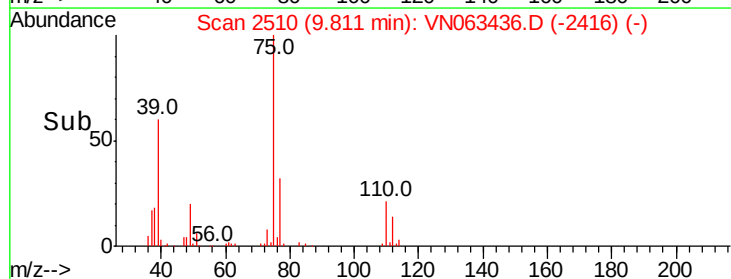
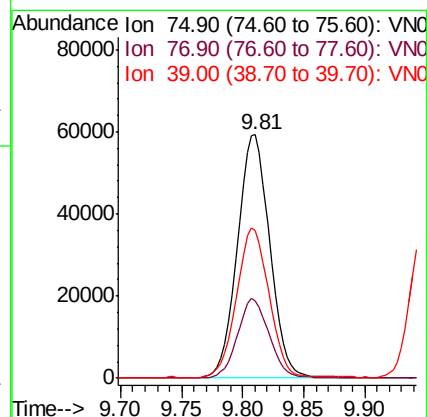
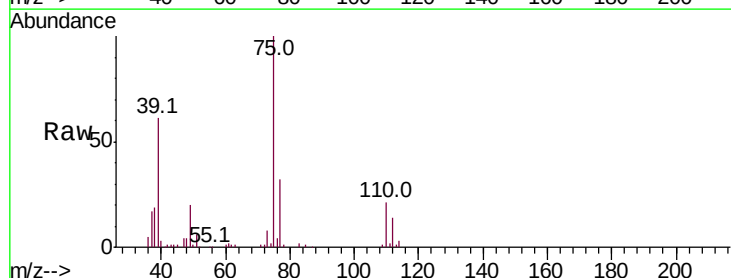
Tgt Ion: 75 Resp: 109378

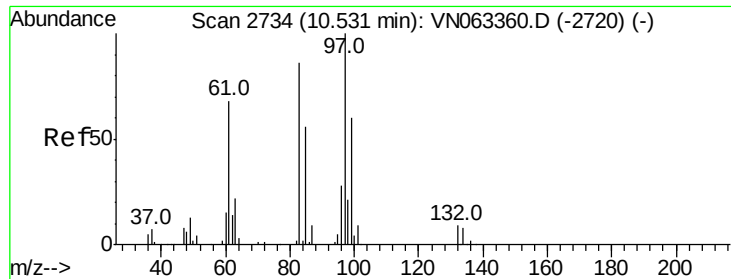
Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

39 60.2 49.8 74.8

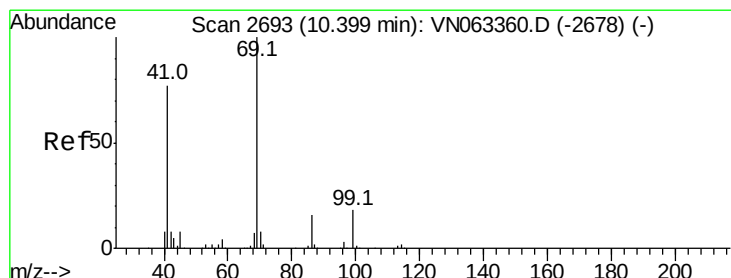
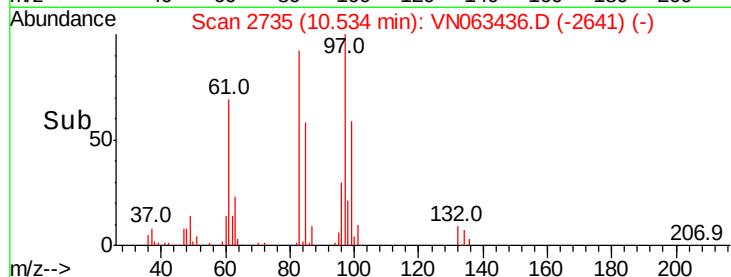
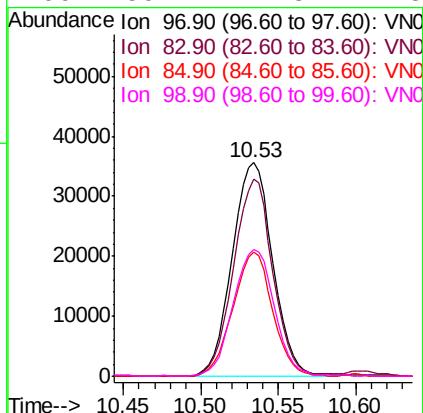
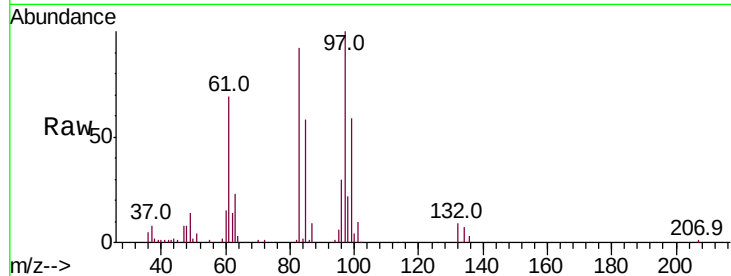




#55
 1,1,2-Trichloroethane
 Concen: 17.607 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

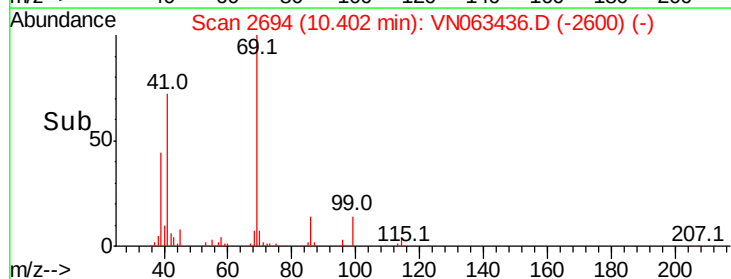
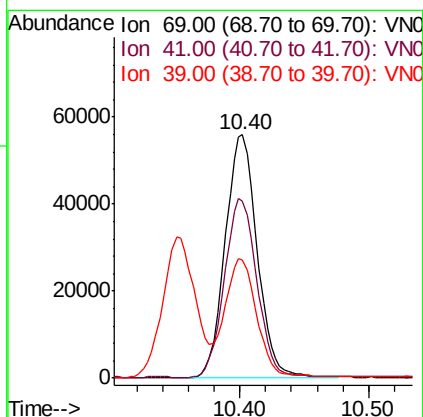
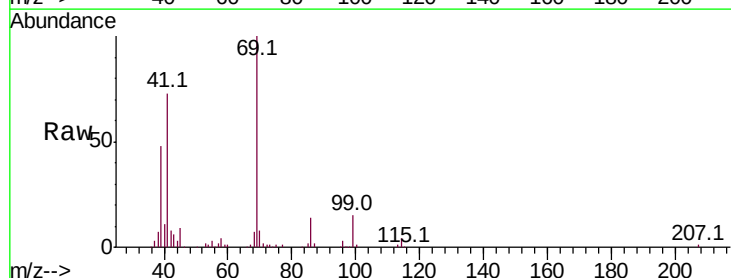
Instrument :
 MSVOA_N
 ClientSampled :
 VN0917MBS01

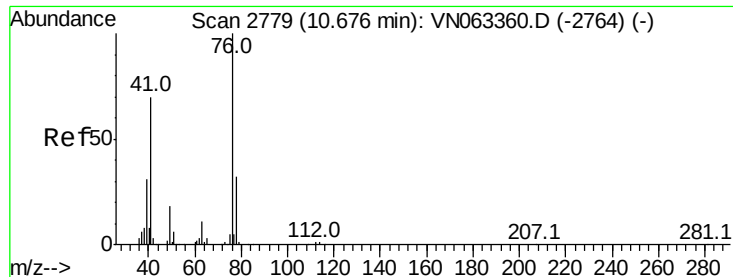
Tot Ion:	97	Resp:	64816
Ion	Ratio	Lower	Upper
97	100		
83	92.4	68.9	103.3
85	58.2	44.8	67.2
99	59.1	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 16.843 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

Tgt Ion:	69	Resp:	96798
Ion	Ratio	Lower	Upper
69	100		
41	74.2	61.0	91.6
39	47.5	39.2	58.8





#57

1,3-Dichloropropane

Concen: 16.639 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

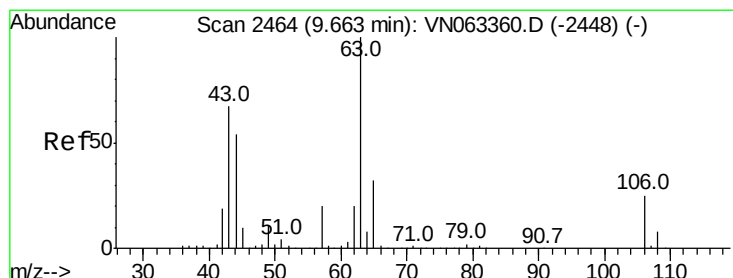
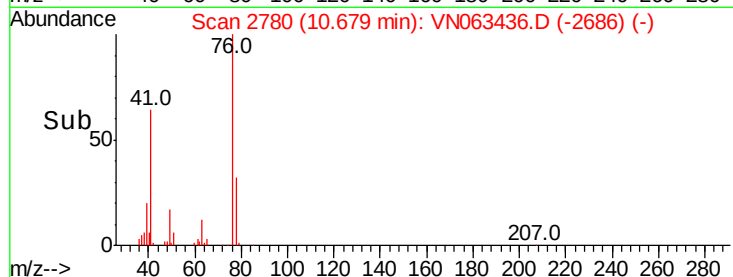
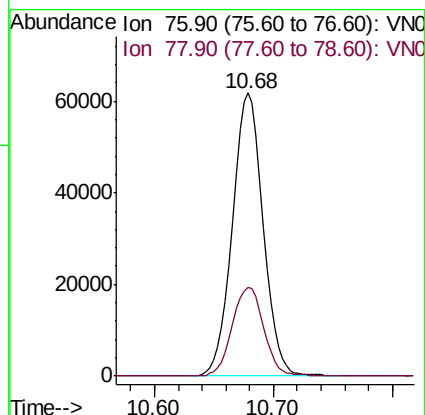
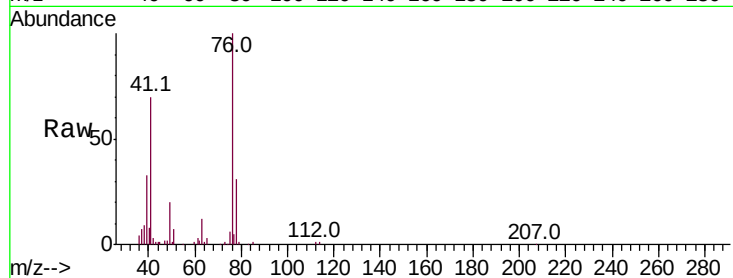
VN0917MBS01

Tot Ion: 76 Resp: 110461

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 85.863 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063436.D

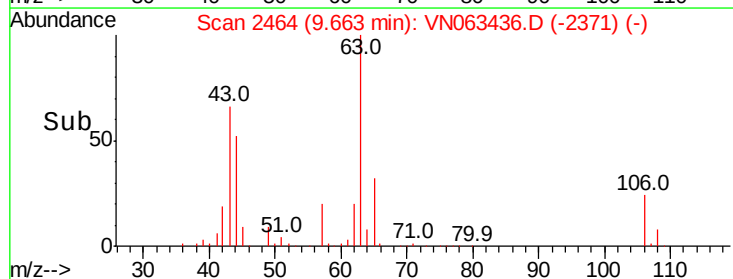
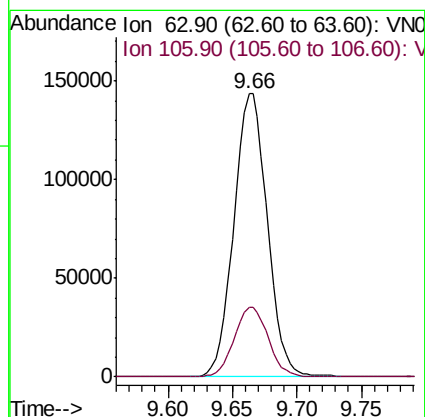
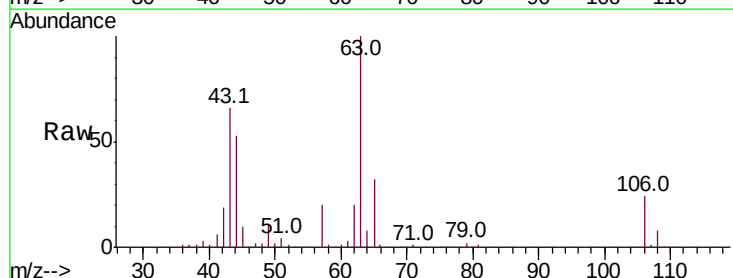
Acq: 17 Sep 2020 22:47

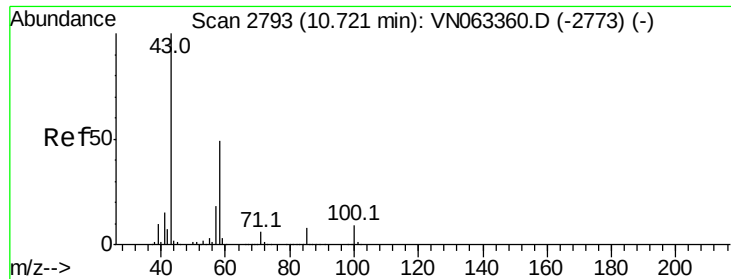
Tgt Ion: 63 Resp: 258856

Ion Ratio Lower Upper

63 100

106 25.1 19.5 29.3





#59

2-Hexanone

Concen: 84.368 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

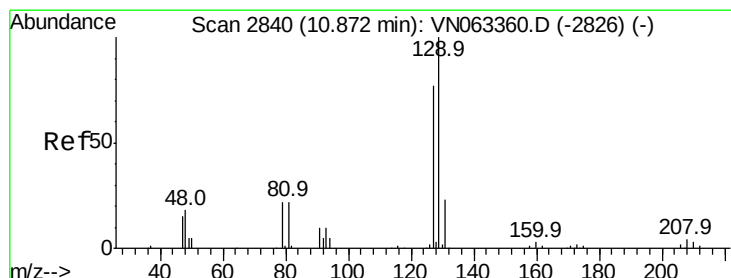
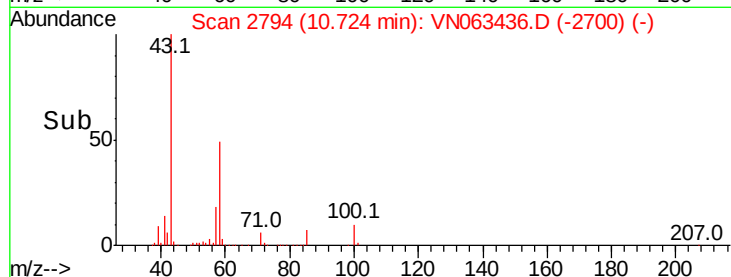
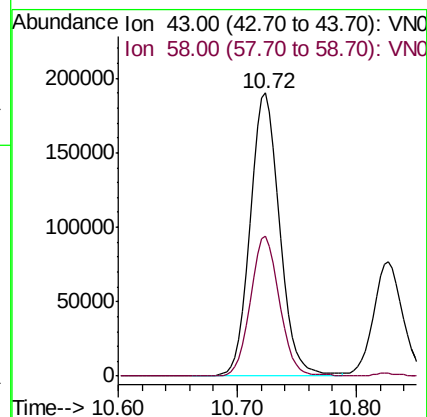
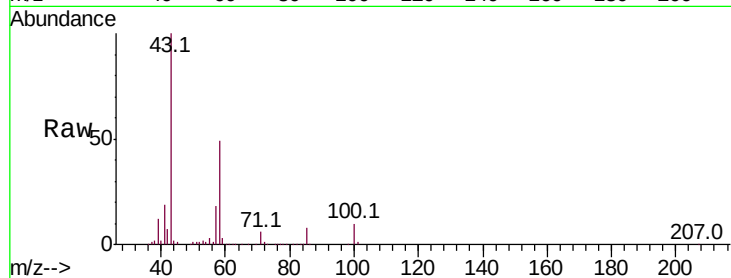
VN0917MBS01

Tot Ion: 43 Resp: 324280

Ion Ratio Lower Upper

43 100

58 49.0 24.7 74.1



#60

Dibromochloromethane

Concen: 16.263 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN063436.D

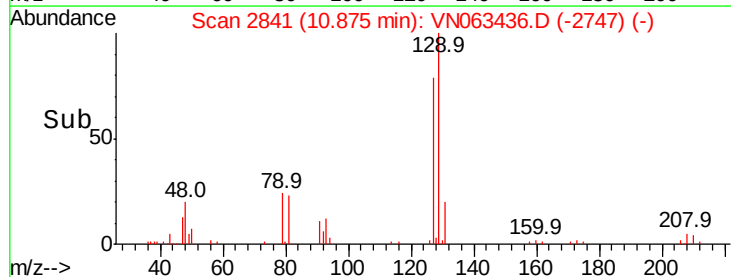
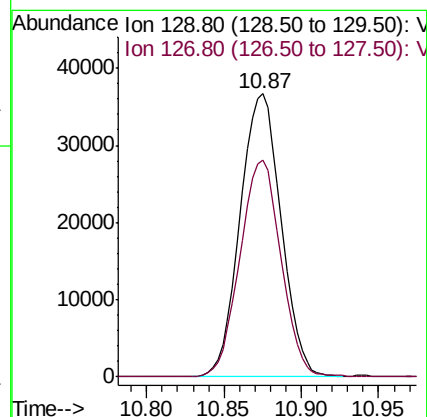
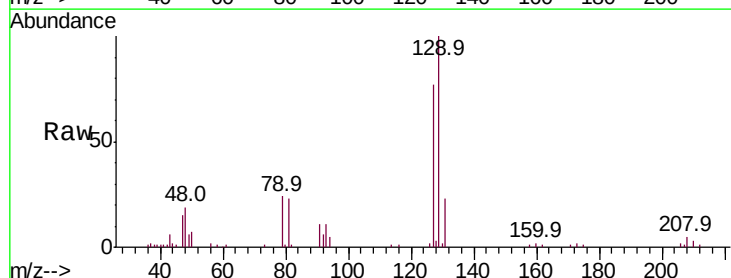
Acq: 17 Sep 2020 22:47

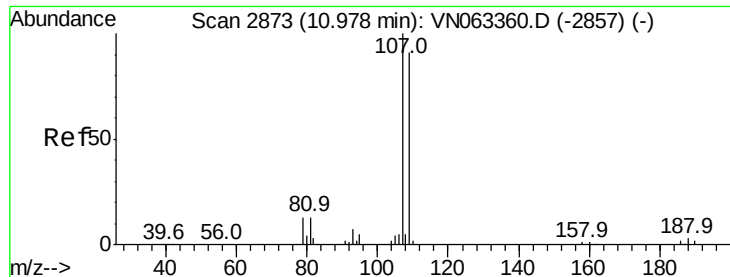
Tgt Ion: 129 Resp: 67636

Ion Ratio Lower Upper

129 100

127 76.7 39.1 117.3





#61

1,2-Dibromoethane

Concen: 17.246 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

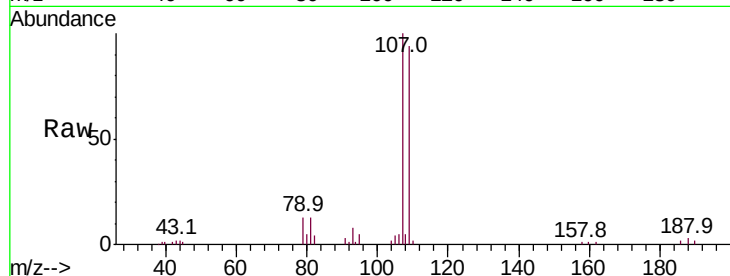
VN0917MBS01

Tot Ion:107 Resp: 65960

Ion Ratio Lower Upper

107 100

109 92.8 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

40000

30000

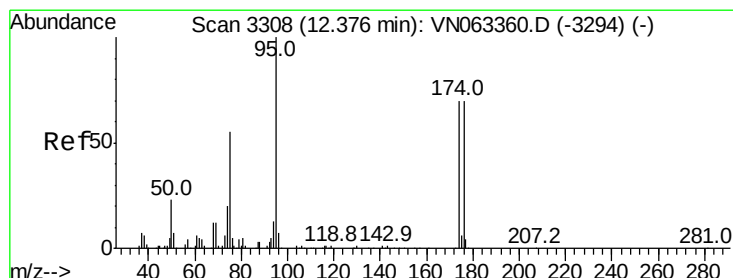
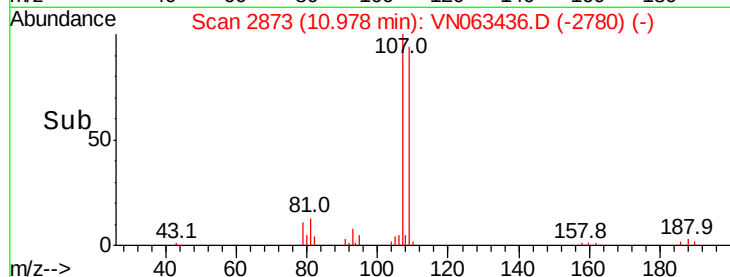
20000

10000

0

Time-->

10.90 10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 45.663 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

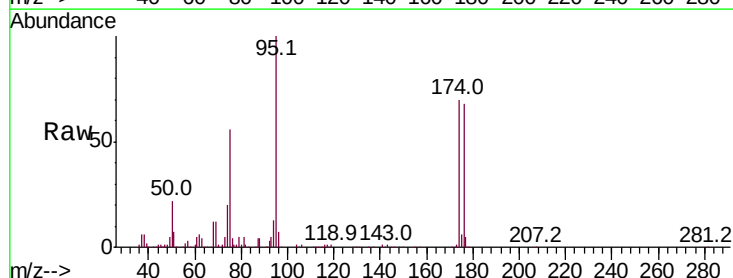
Tgt Ion: 95 Resp: 220865

Ion Ratio Lower Upper

95 100

174 69.9 0.0 140.8

176 68.4 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

150000

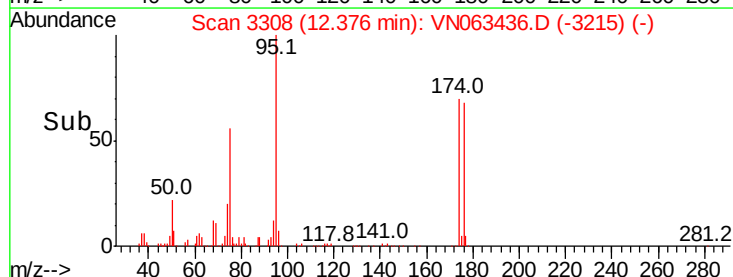
100000

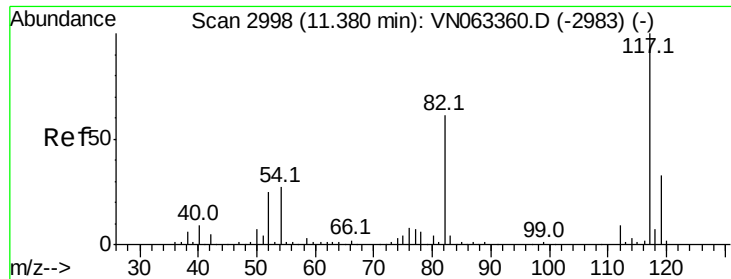
50000

0

Time-->

12.30 12.40

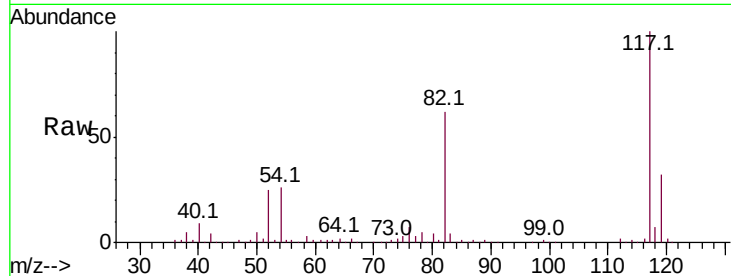




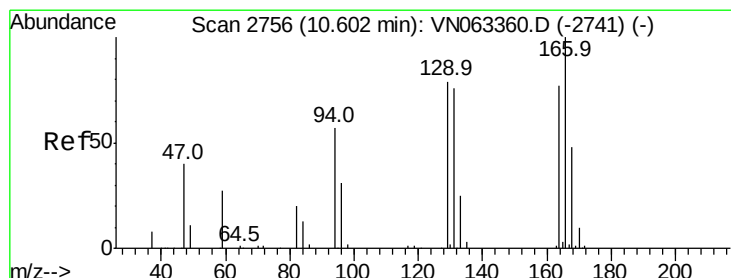
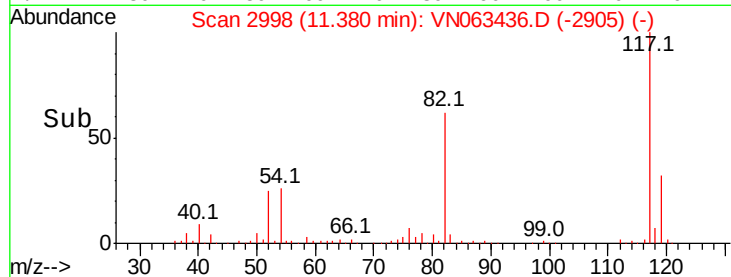
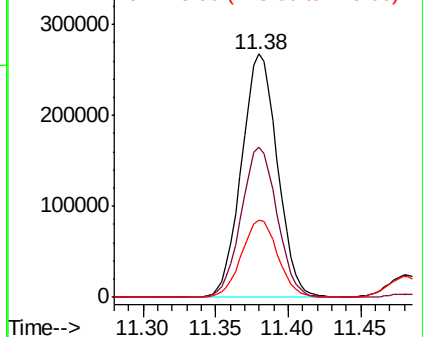
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01

Tot Ion:117 Resp: 462070
Ion Ratio Lower Upper
117 100
82 61.9 49.2 73.8
119 31.9 26.2 39.4

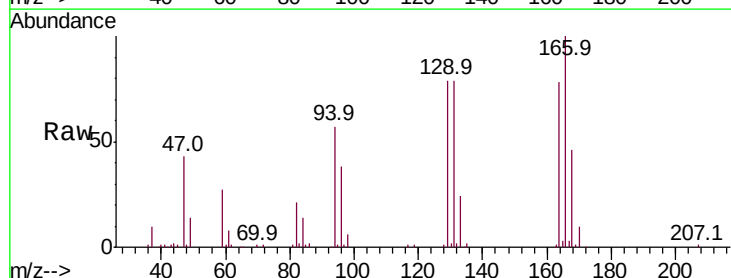


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

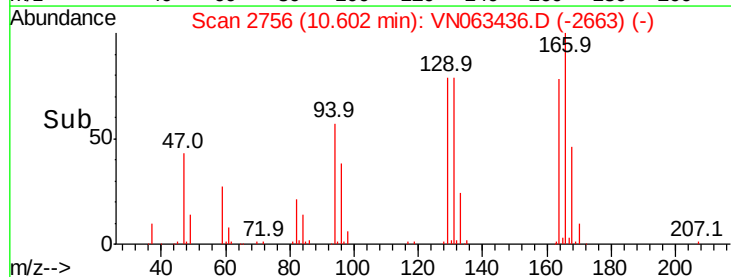
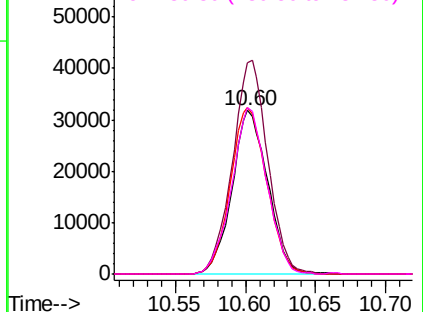


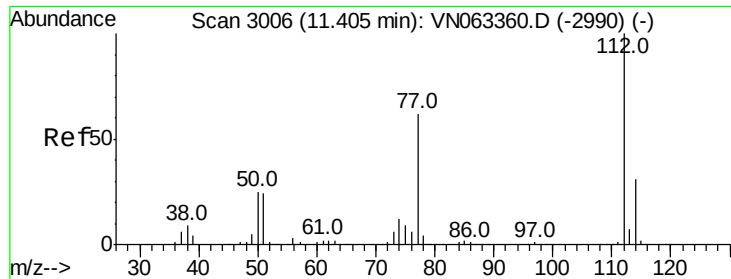
#64
Tetrachloroethene
Concen: 17.934 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

Tgt Ion:164 Resp: 56426
Ion Ratio Lower Upper
164 100
166 129.0 103.4 155.0
129 101.8 81.8 122.6
131 101.7 78.2 117.4



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

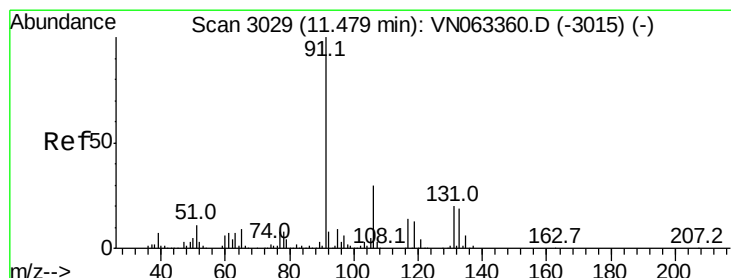
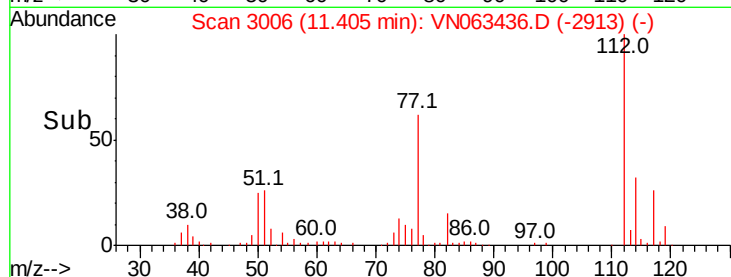
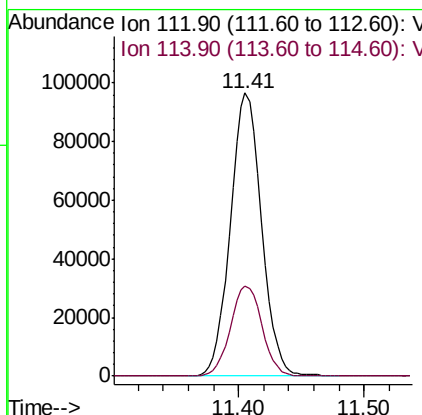
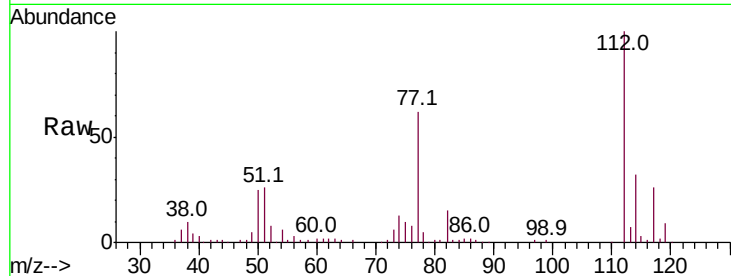




#65
Chlorobenzene
Concen: 16.983 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

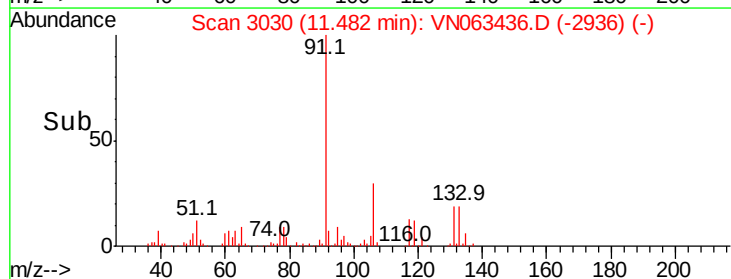
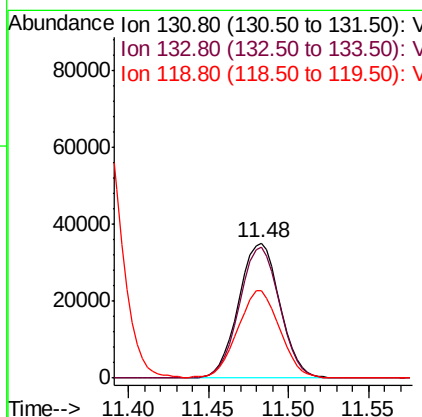
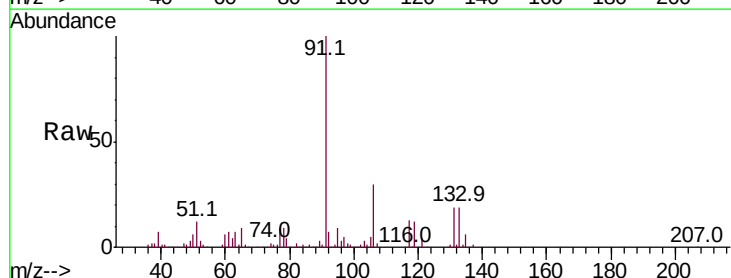
Instrument :
MSVOA_N
ClientSampled :
VN0917MBS01

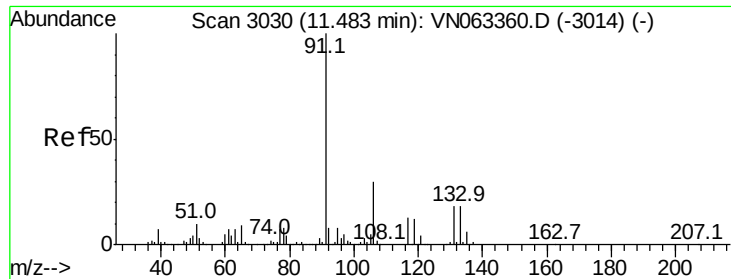
Tot Ion:112 Resp: 166579
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 17.205 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

Tgt Ion:131 Resp: 61858
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 65.0 33.6 100.8





#67

Ethyl Benzene

Concen: 17.035 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

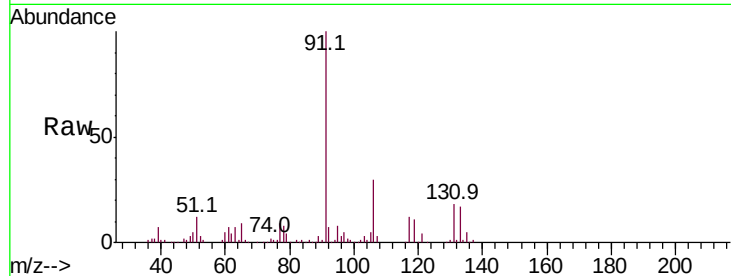
VN0917MBS01

Tot Ion: 91 Resp: 314664

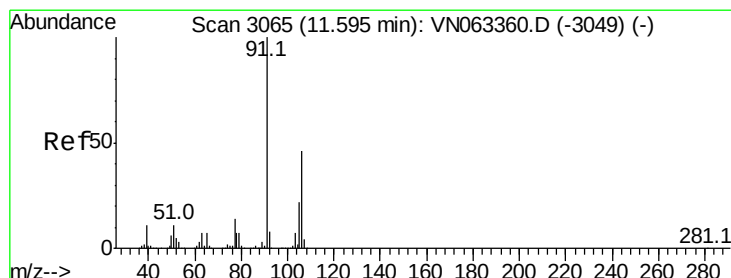
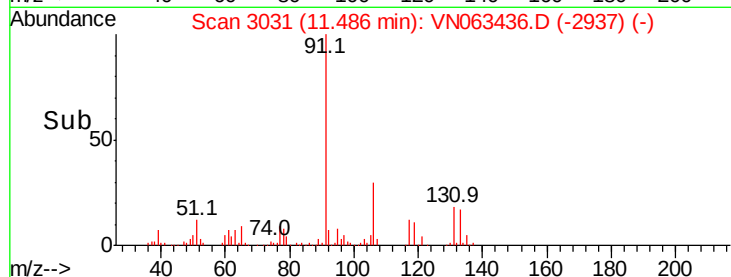
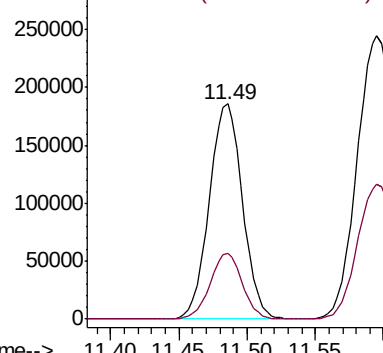
Ion Ratio Lower Upper

91 100

106 30.5 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VN063360.D (-3014) (-)



#68

m/p-Xylenes

Concen: 34.476 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN063436.D

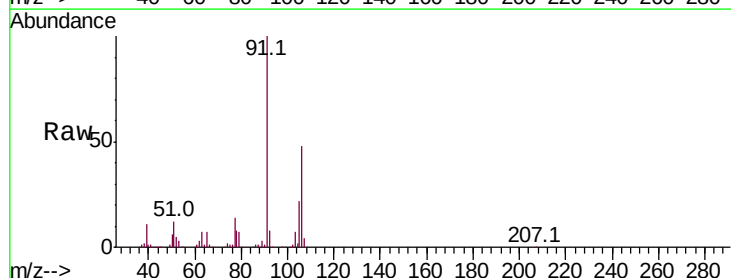
Acq: 17 Sep 2020 22:47

Tgt Ion: 106 Resp: 229605

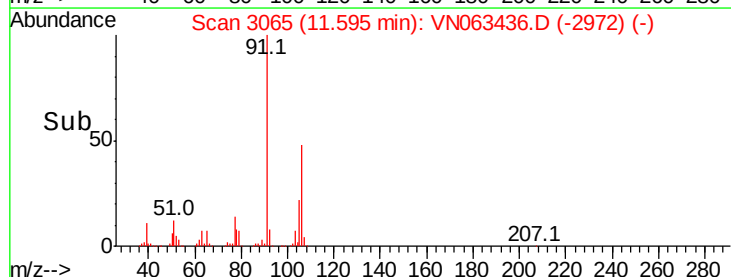
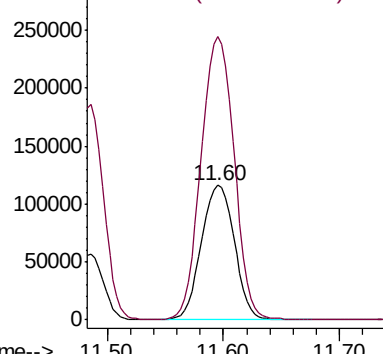
Ion Ratio Lower Upper

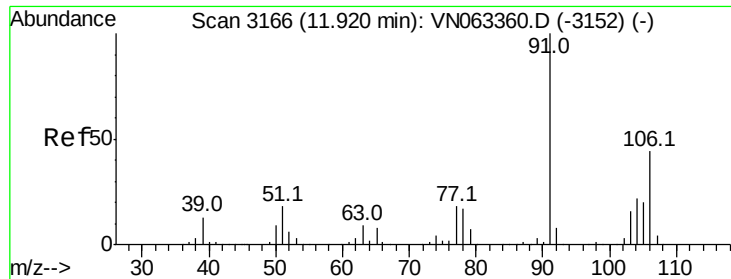
106 100

91 209.4 171.2 256.8



Abundance Ion 106.00 (105.70 to 106.70): VN063360.D (-3049) (-)

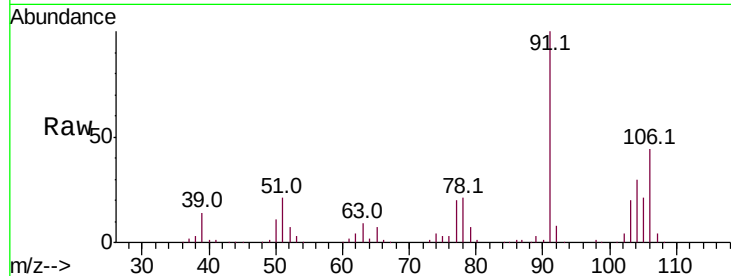




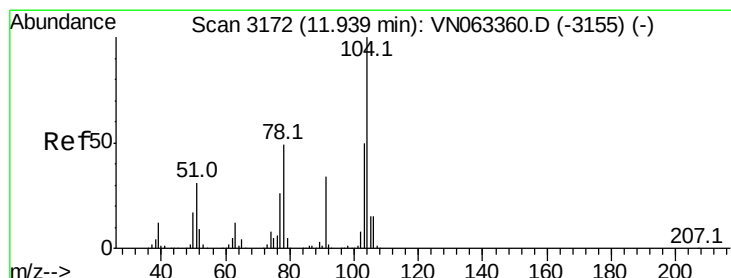
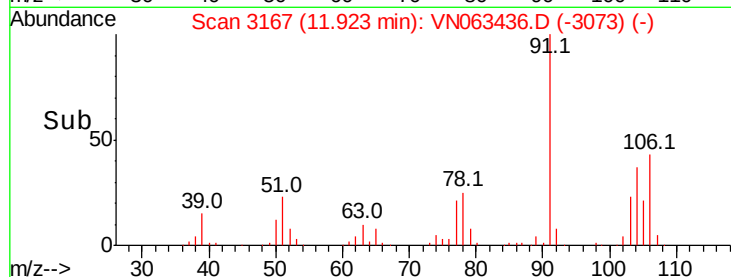
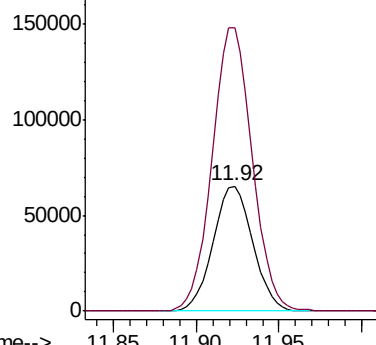
#69
o-Xylene
Concen: 17.146 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

Instrument :
MSVOA_N
ClientSampleId :
VN0917MBS01

Tot Ion:106 Resp: 108775
Ion Ratio Lower Upper
106 100
91 228.1 113.6 340.8

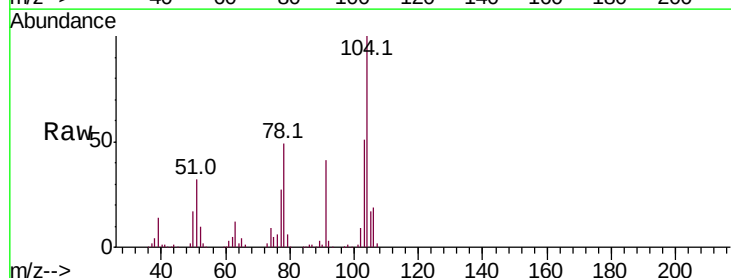


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

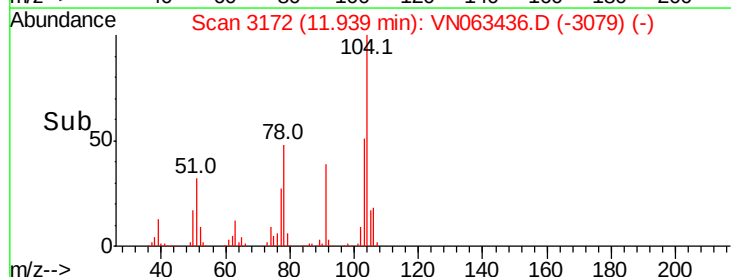
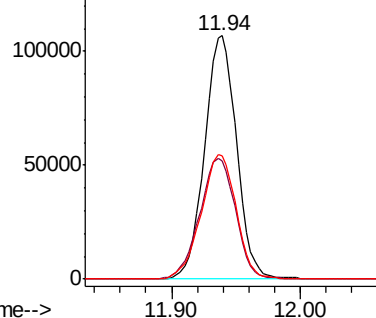


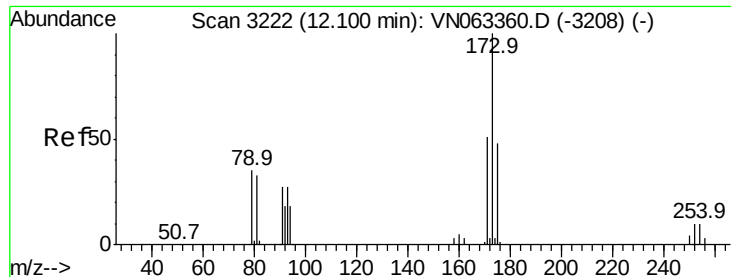
#70
Styrene
Concen: 17.294 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

Tgt Ion:104 Resp: 183994
Ion Ratio Lower Upper
104 100
78 56.0 44.4 66.6
103 56.1 43.7 65.5



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





#71

Bromoform

Concen: 16.028 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

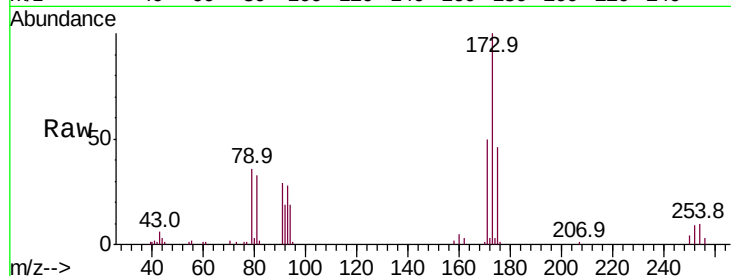
Tot Ion:173 Resp: 42932

Ion Ratio Lower Upper

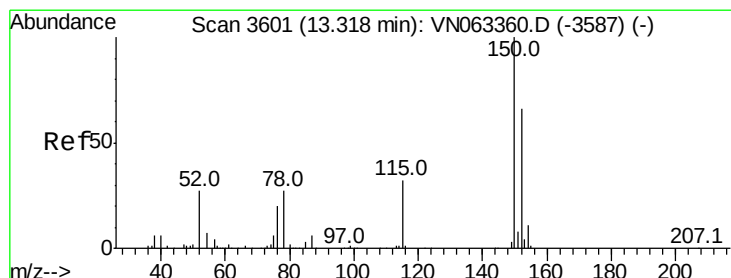
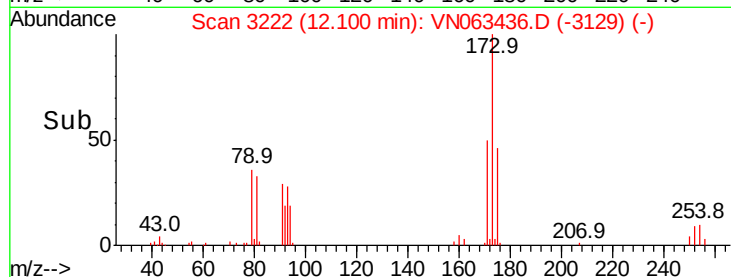
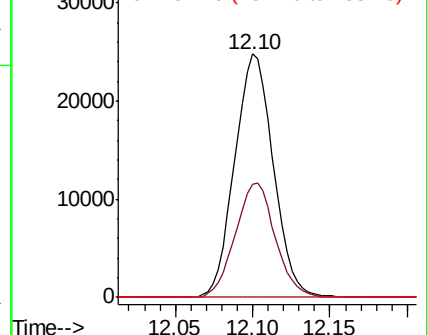
173 100

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: VN063436.D

Acq: 17 Sep 2020 22:47

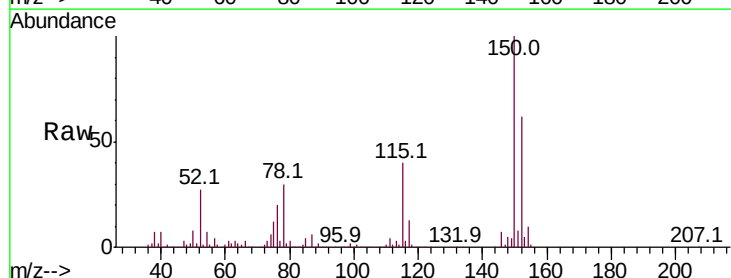
Tgt Ion:152 Resp: 211407

Ion Ratio Lower Upper

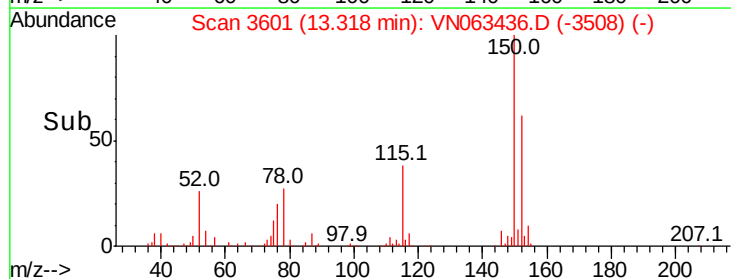
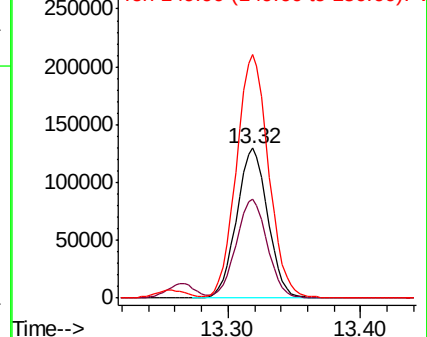
152 100

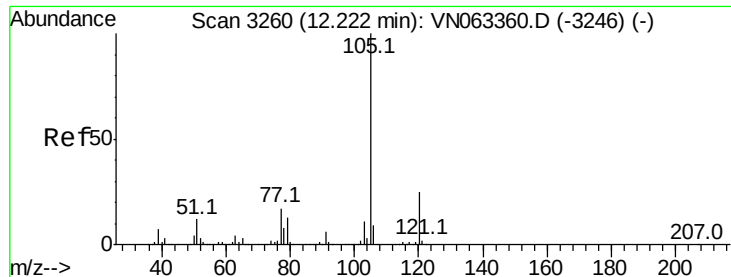
115 66.0 32.2 96.6

150 167.3 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: 17.182 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

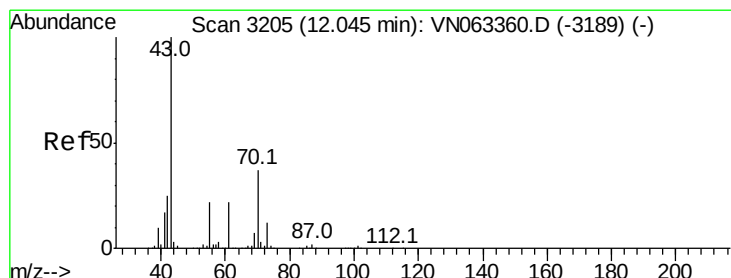
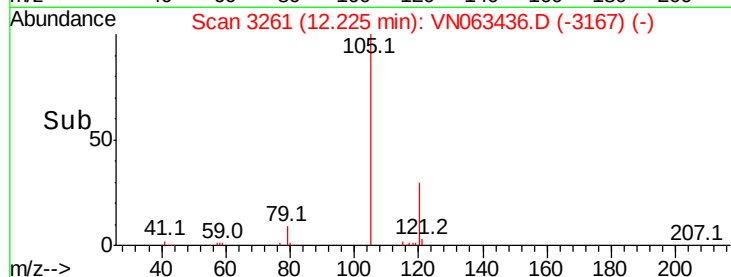
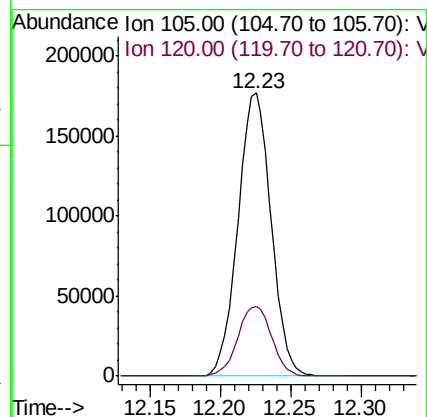
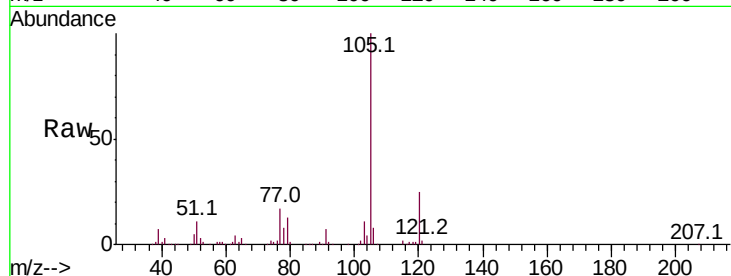
VN0917MBS01

Tot Ion:105 Resp: 291073

Ion Ratio Lower Upper

105 100

120 25.2 12.7 38.0



#74

N-amyl acetate

Concen: 16.438 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Tgt Ion: 43 Resp: 131823

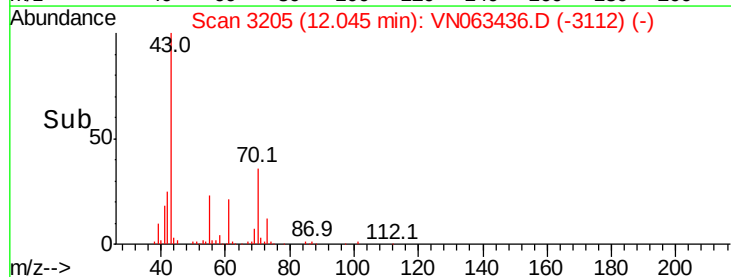
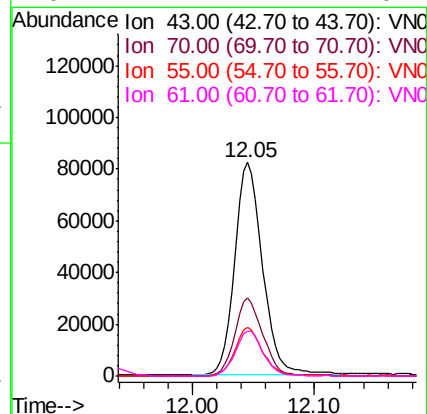
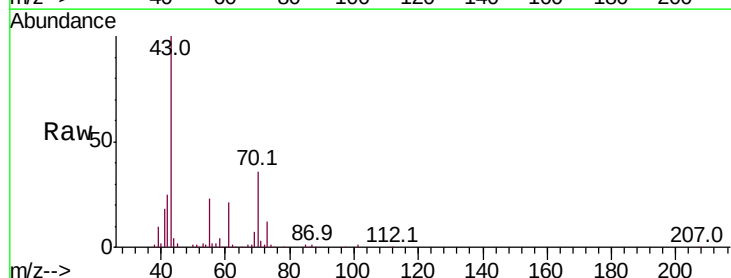
Ion Ratio Lower Upper

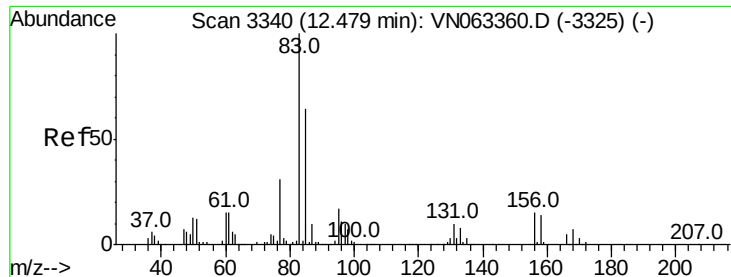
43 100

70 36.2 29.6 44.4

55 22.4 17.7 26.5

61 21.1 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.067 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

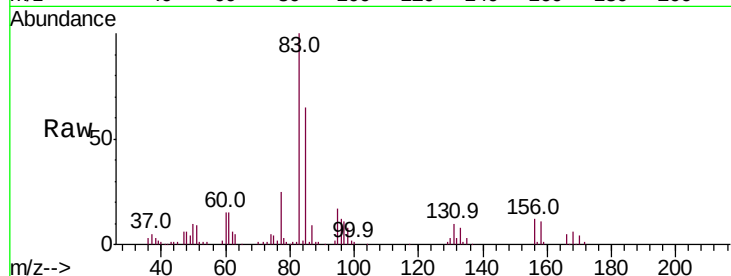
Tot Ion: 83 Resp: 89526

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

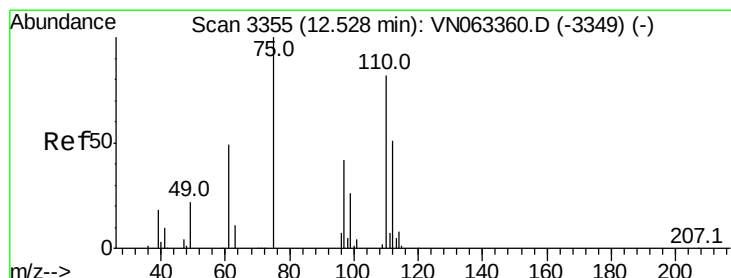
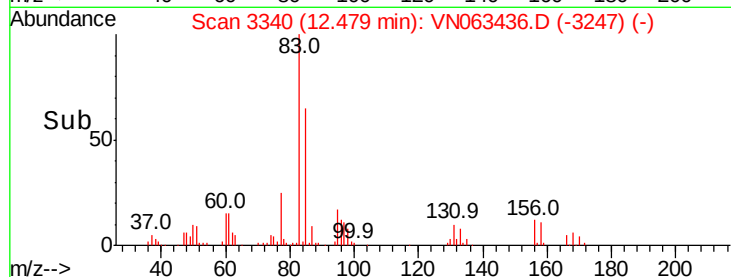
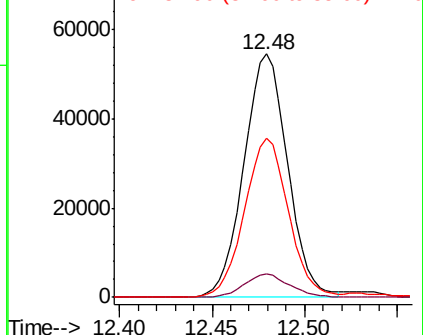
85 65.6 32.0 96.0



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: 23.254 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063436.D

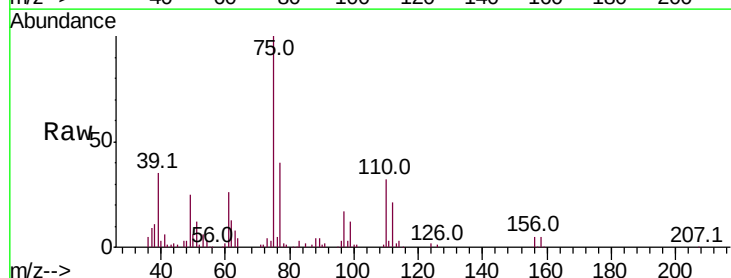
Acq: 17 Sep 2020 22:47

Tgt Ion: 75 Resp: 121680

Ion Ratio Lower Upper

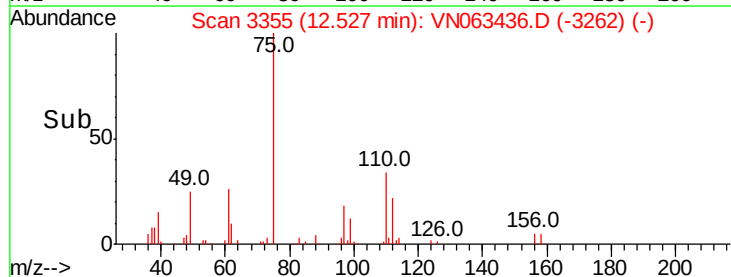
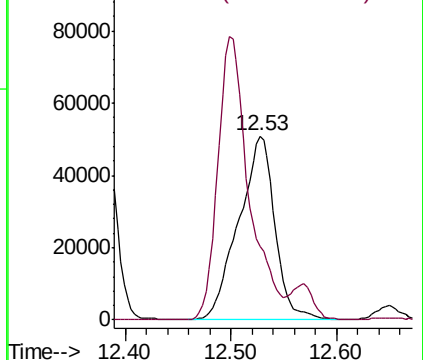
75 100

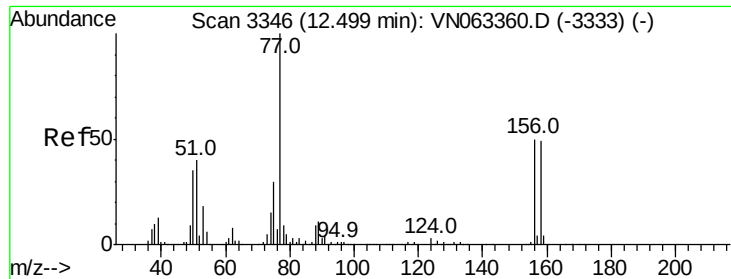
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

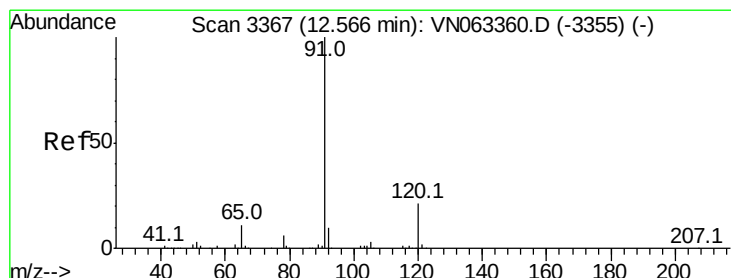
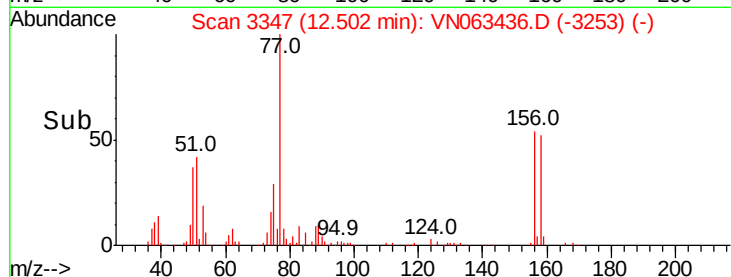
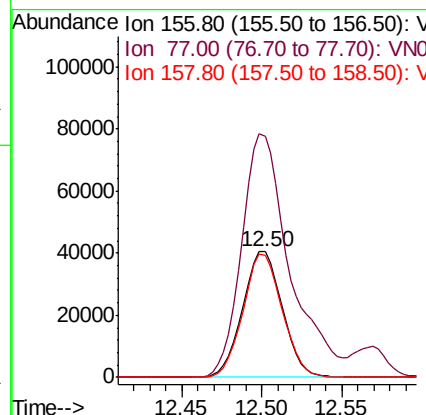
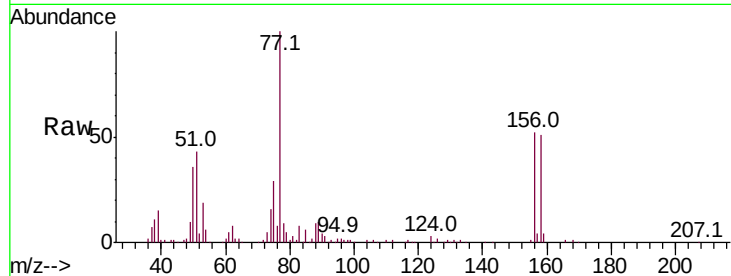




#77
Bromobenzene
Concen: 17.918 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

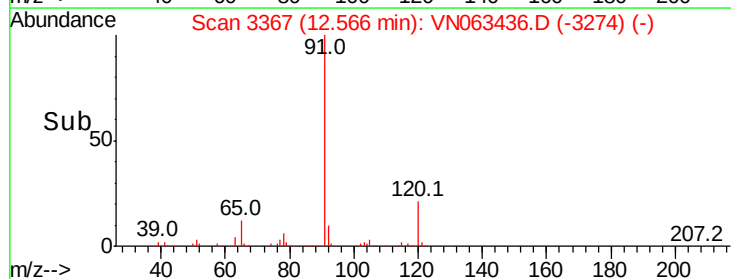
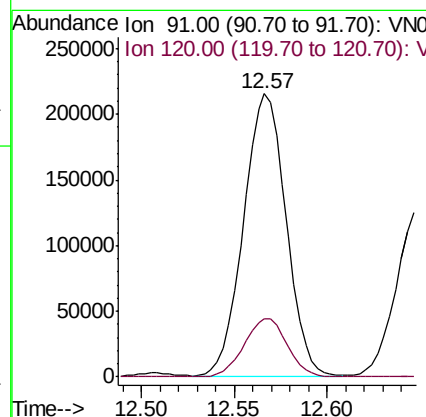
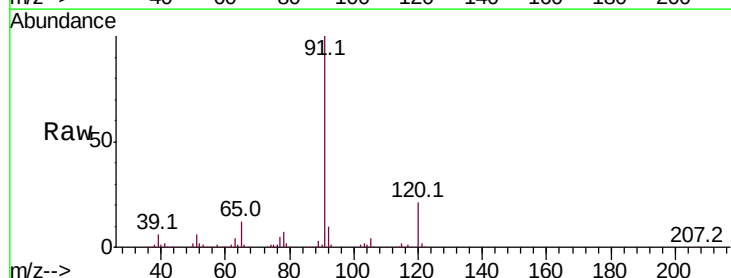
Instrument :
MSVOA_N
ClientSampled :
VN0917MBS01

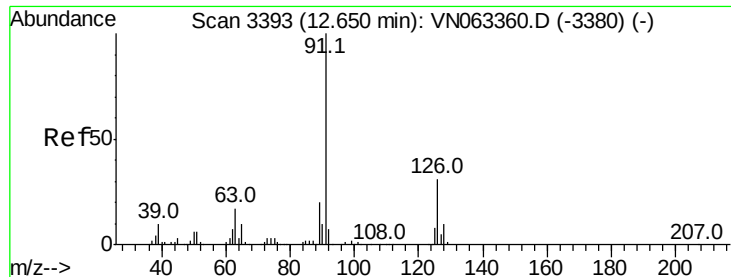
Tot Ion:156 Resp: 68281
Ion Ratio Lower Upper
156 100
77 235.0 120.2 360.6
158 96.6 48.9 146.6



#78
n-propylbenzene
Concen: 17.296 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063436.D
Acq: 17 Sep 2020 22:47

Tgt Ion: 91 Resp: 341283
Ion Ratio Lower Upper
91 100
120 21.1 10.8 32.3





#79

2-Chlorotoluene

Concen: 17.728 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

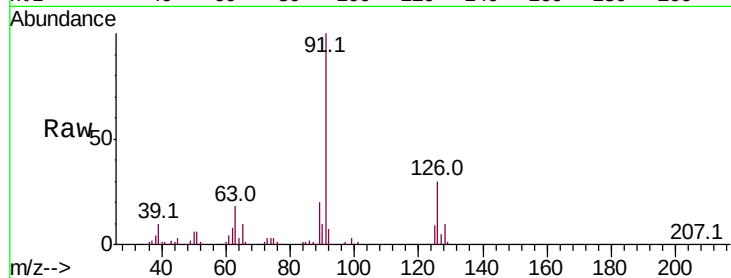
VN0917MBS01

Tot Ion: 91 Resp: 209684

Ion Ratio Lower Upper

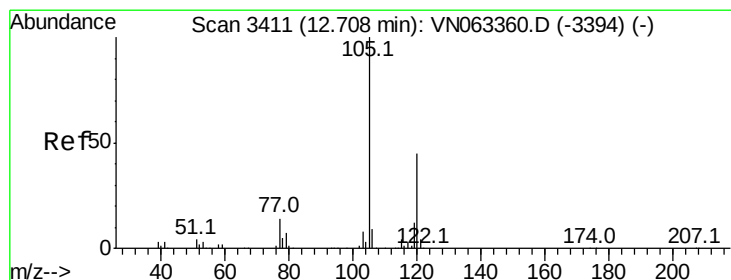
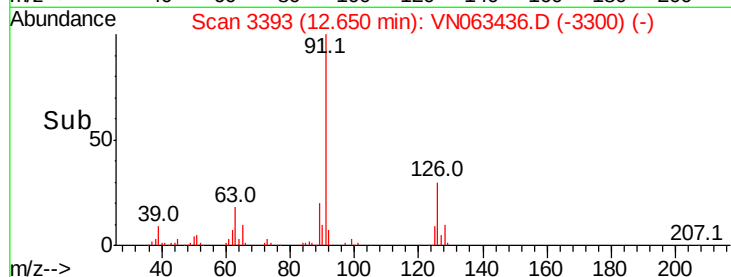
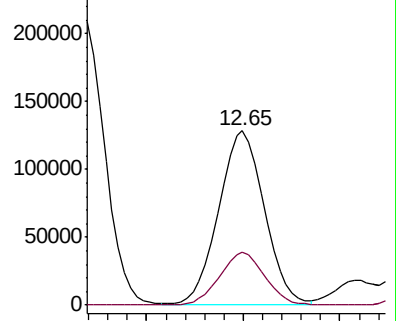
91 100

126 30.3 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: 17.588 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063436.D

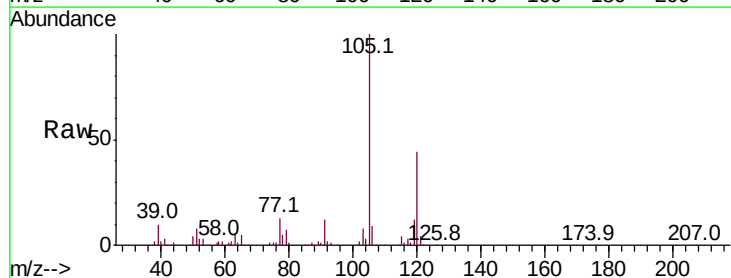
Acq: 17 Sep 2020 22:47

Tgt Ion:105 Resp: 248460

Ion Ratio Lower Upper

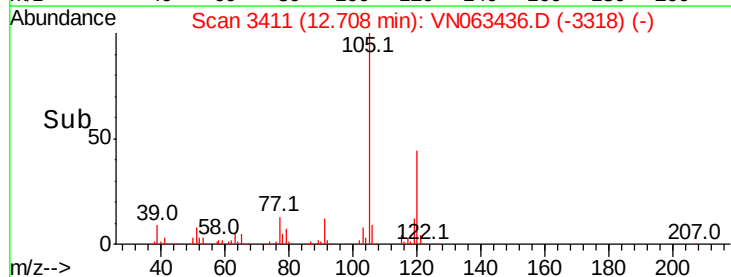
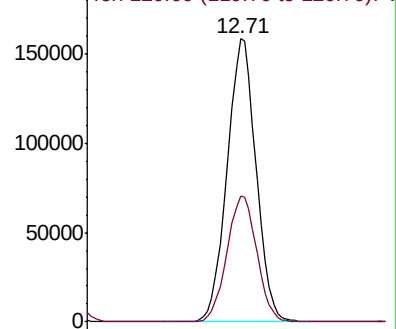
105 100

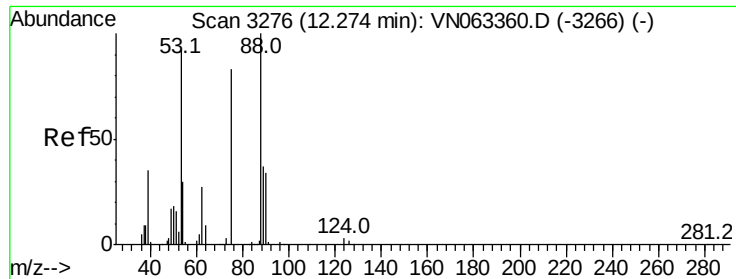
120 45.9 22.9 68.8



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: 15.206 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

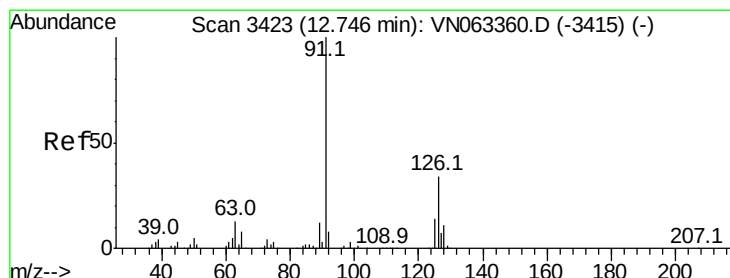
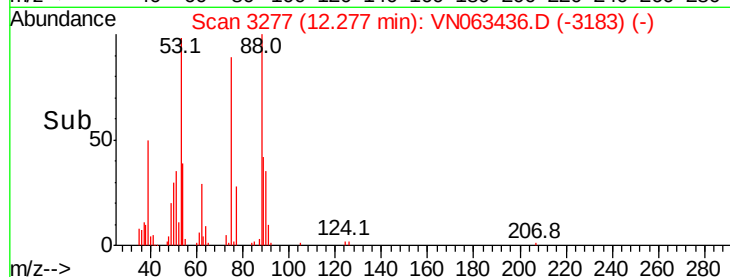
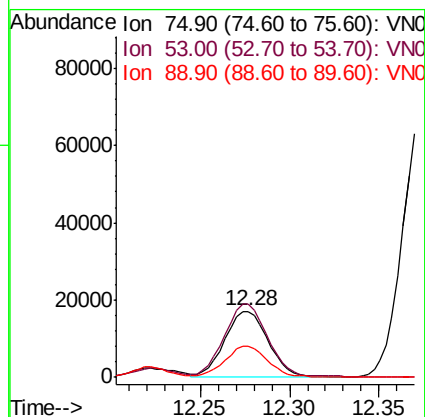
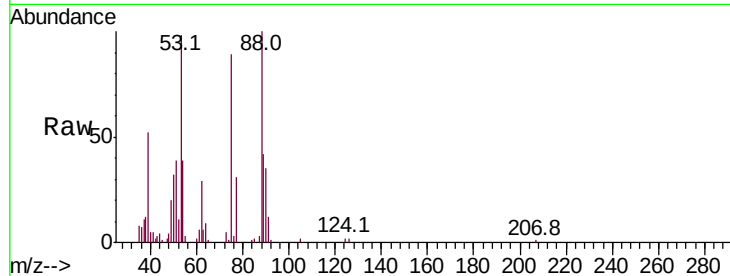
Tot Ion: 75 Resp: 29021

Ion Ratio Lower Upper

75 100

53 108.3 85.7 128.5

89 46.6 38.0 57.0



#82

4-Chlorotoluene

Concen: 17.169 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063436.D

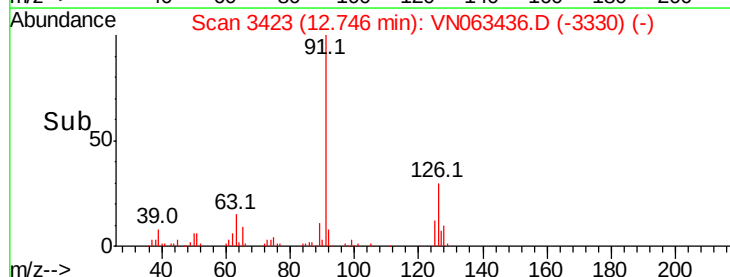
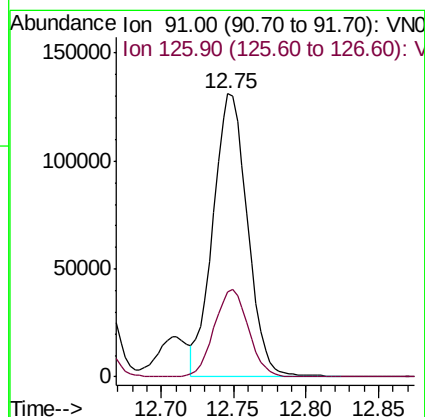
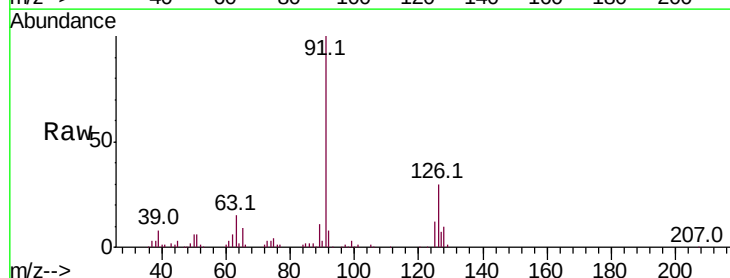
Acq: 17 Sep 2020 22:47

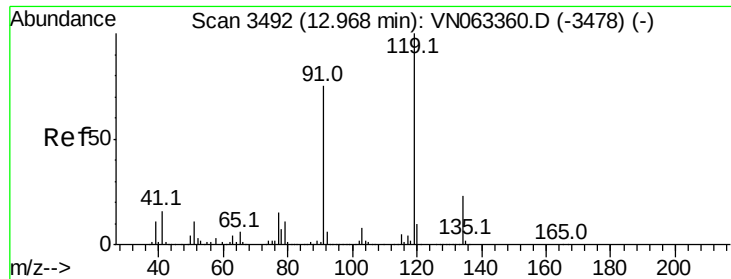
Tgt Ion: 91 Resp: 214565

Ion Ratio Lower Upper

91 100

126 31.0 15.5 46.5

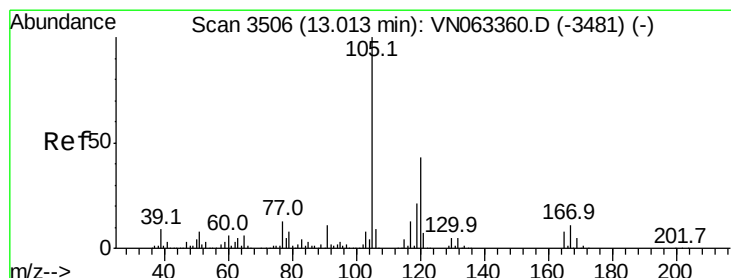
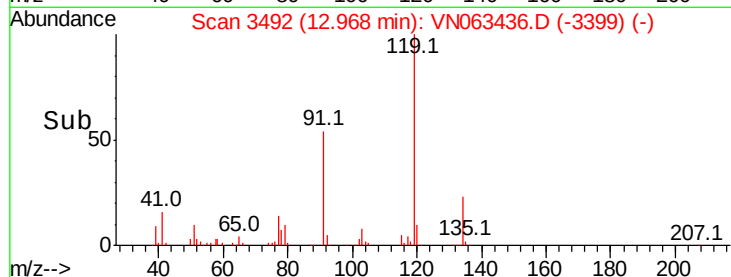
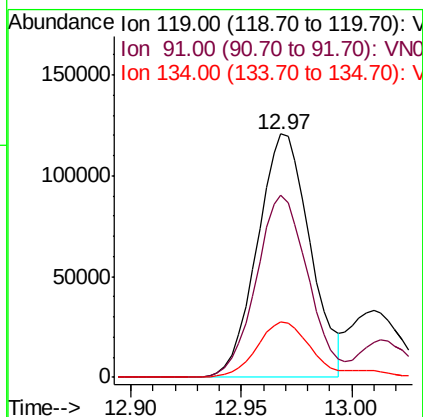
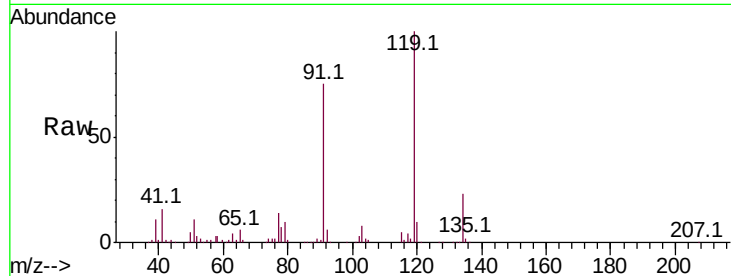




#83
 tert-Butylbenzene
 Concen: 17.178 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

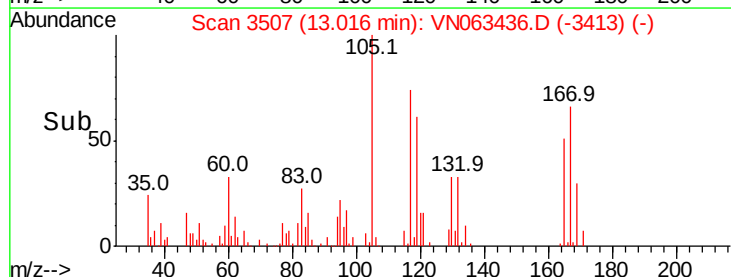
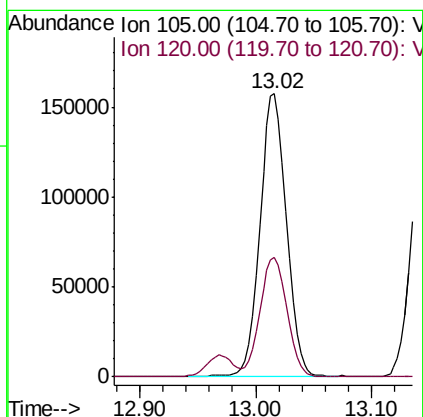
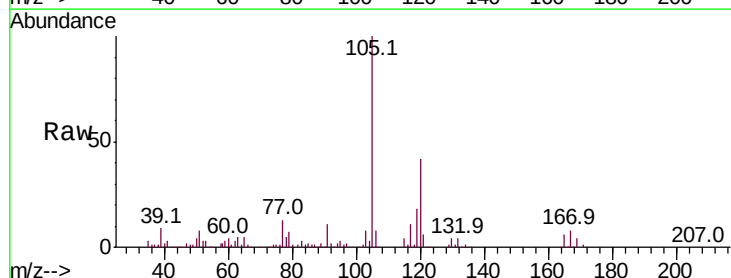
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

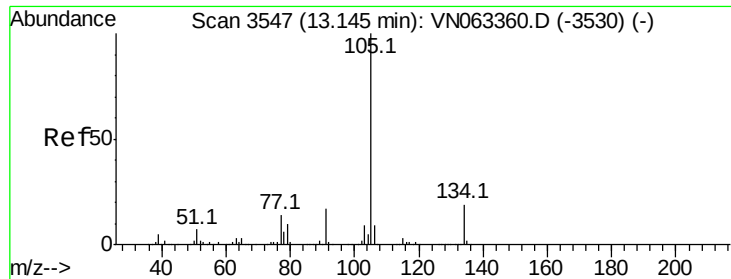
Tot Ion:119 Resp: 200284
 Ion Ratio Lower Upper
 119 100
 91 73.7 36.3 108.9
 134 23.3 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 17.591 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

Tgt Ion:105 Resp: 251008
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.3 63.9

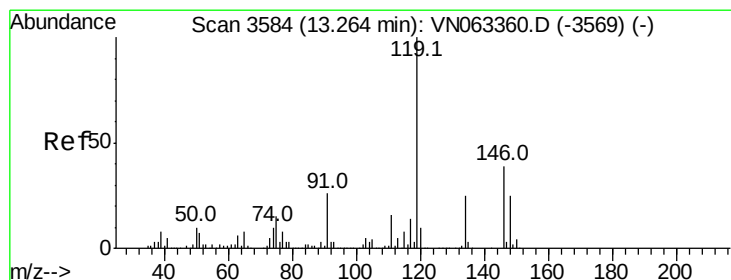
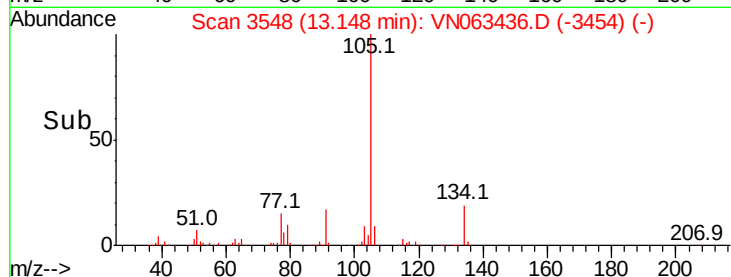
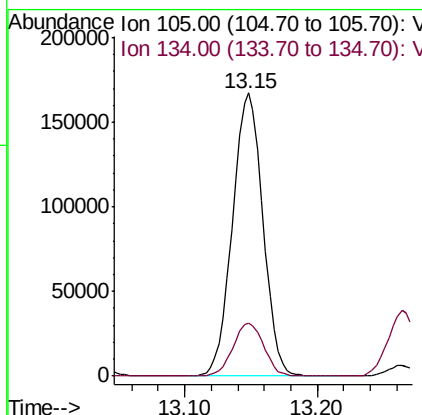
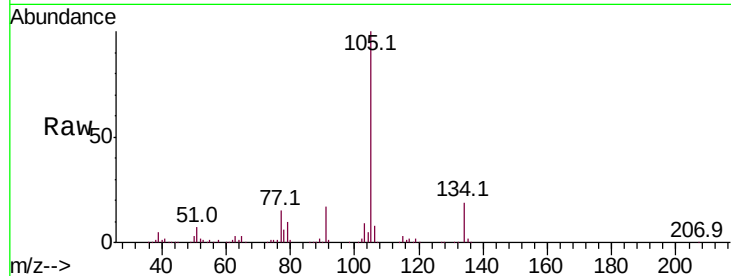




#85
 sec-Butylbenzene
 Concen: 17.059 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

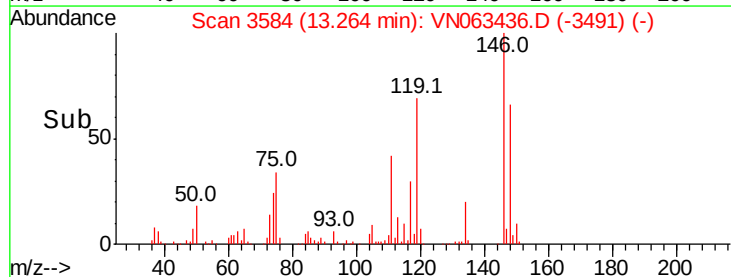
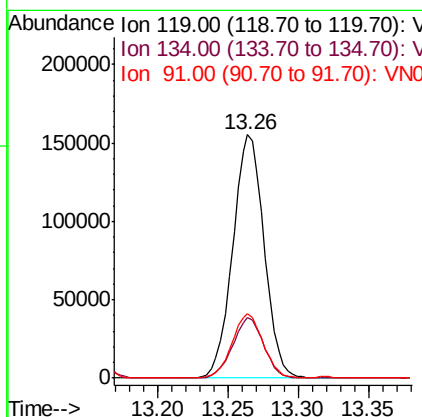
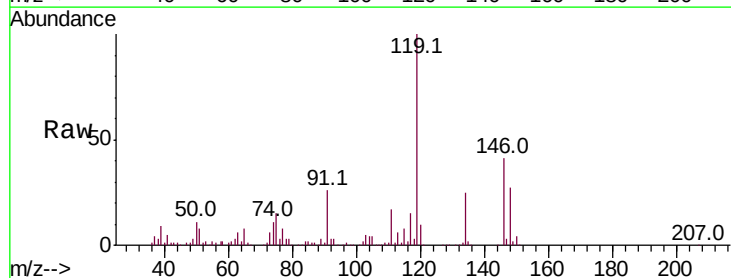
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

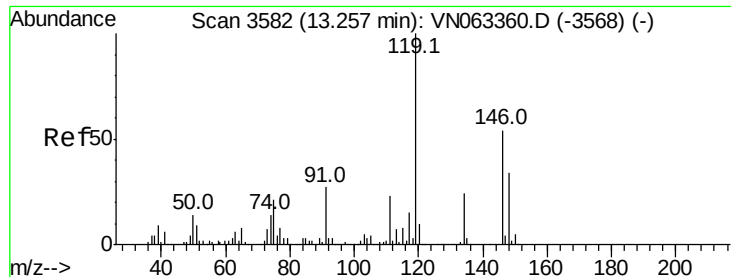
Tot Ion:105 Resp: 266228
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.3 27.7



#86
 p-Isopropyltoluene
 Concen: 17.508 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

Tgt Ion:119 Resp: 241008
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.5 37.5
 91 25.9 13.4 40.1

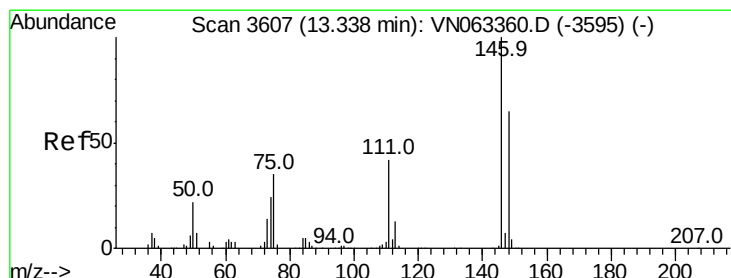
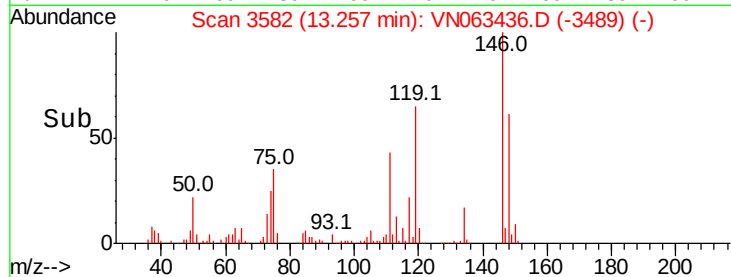
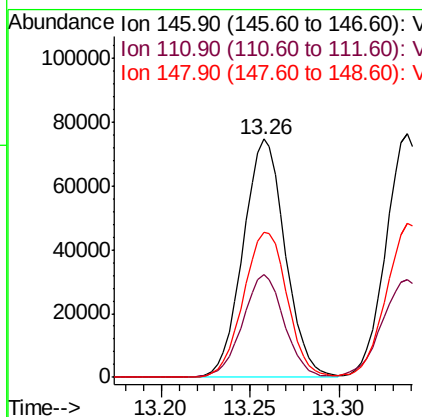
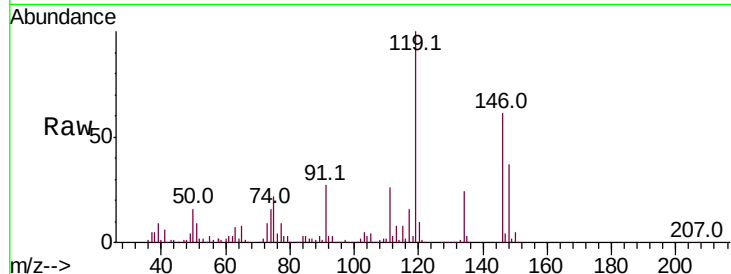




#87
 1,3-Dichlorobenzene
 Concen: 17.375 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

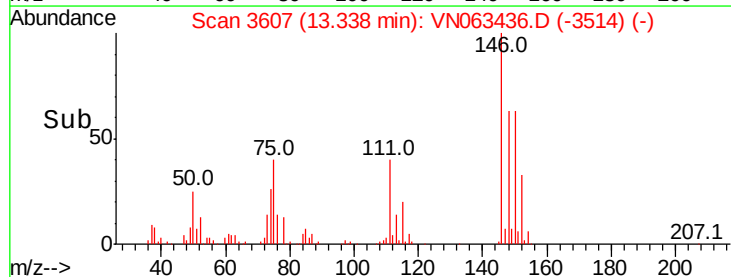
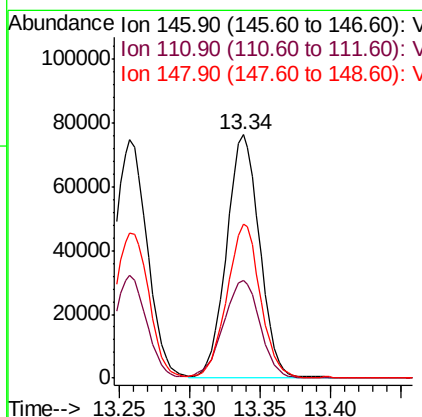
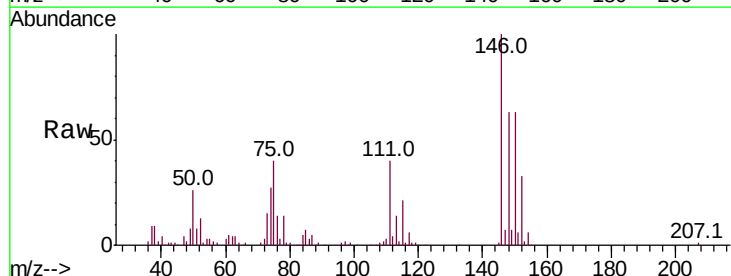
Instrument :
 MSVOA_N
 ClientSampled :
 VN0917MBS01

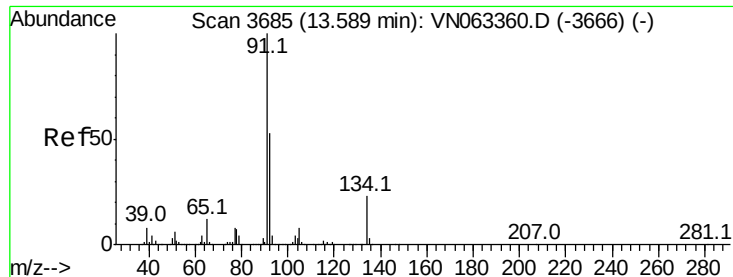
Tot Ion:146 Resp: 122720
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.4 64.3
 148 63.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 17.339 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

Tgt Ion:146 Resp: 124510
 Ion Ratio Lower Upper
 146 100
 111 44.8 21.2 63.6
 148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 16.666 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampled :

VN0917MBS01

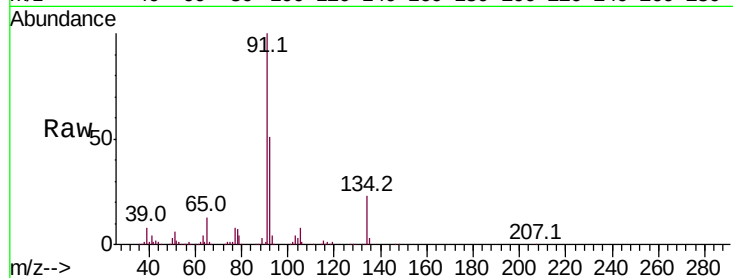
Tot Ion: 91 Resp: 211464

Ion Ratio Lower Upper

91 100

92 51.0 26.0 78.0

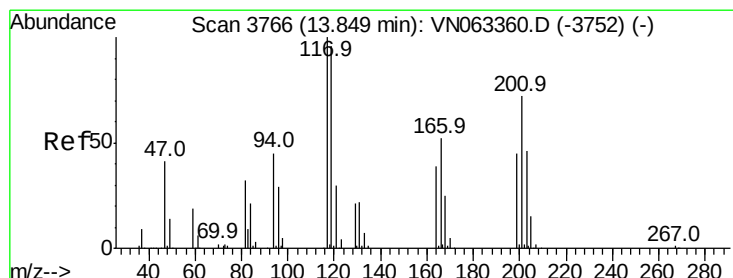
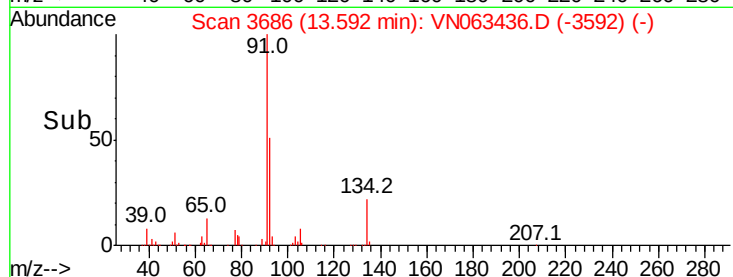
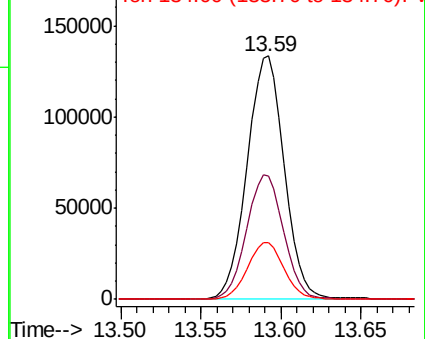
134 23.0 11.7 35.0



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

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

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



#90

Hexachloroethane

Concen: 15.836 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063436.D

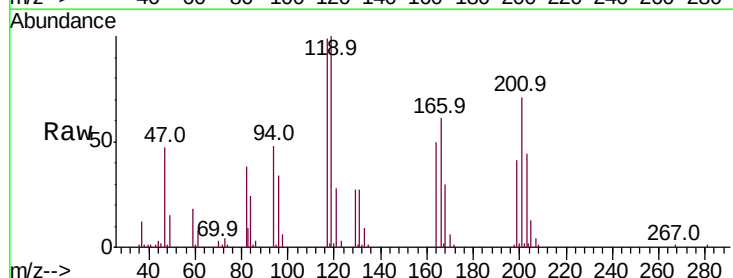
Acq: 17 Sep 2020 22:47

Tgt Ion: 117 Resp: 41509

Ion Ratio Lower Upper

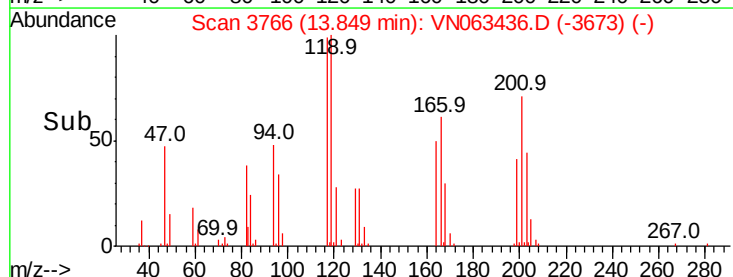
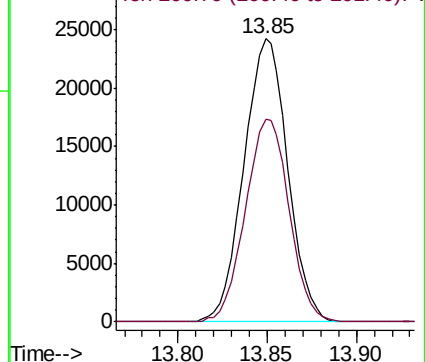
117 100

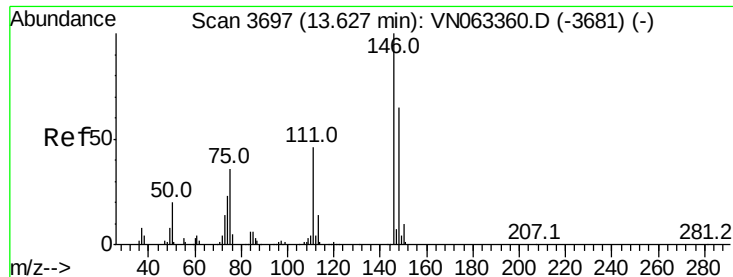
201 71.7 35.5 106.7



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

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

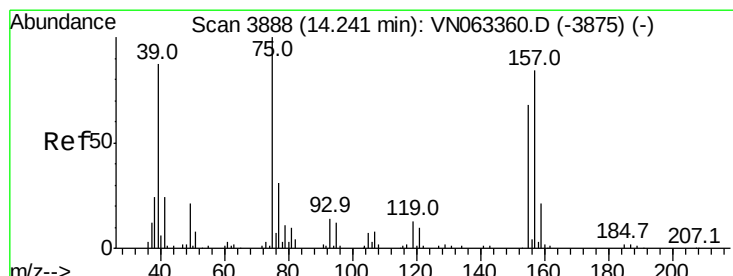
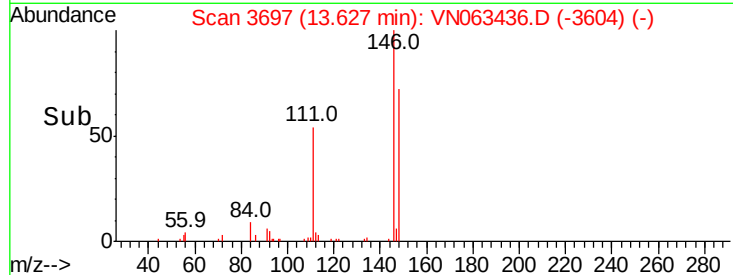
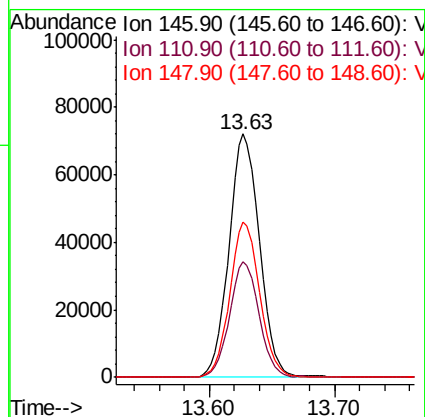
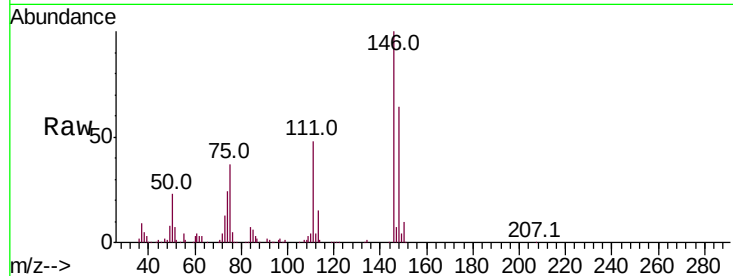




#91
 1,2-Dichlorobenzene
 Concen: 17.542 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

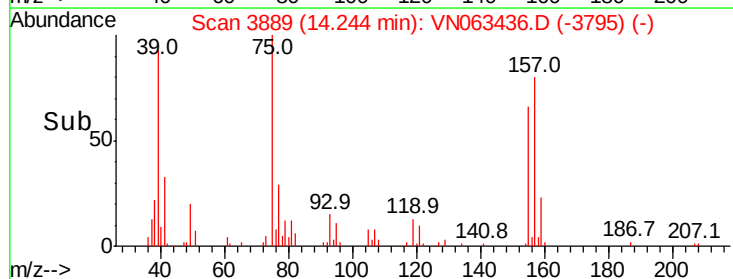
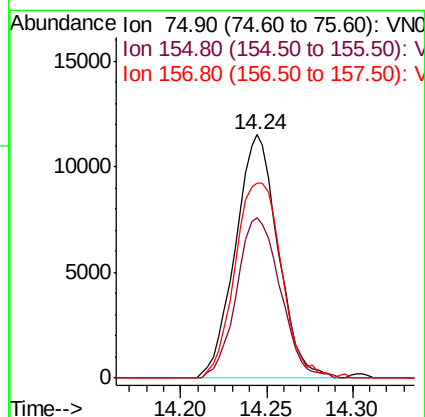
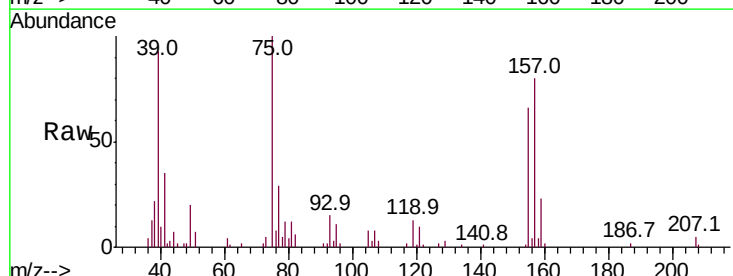
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

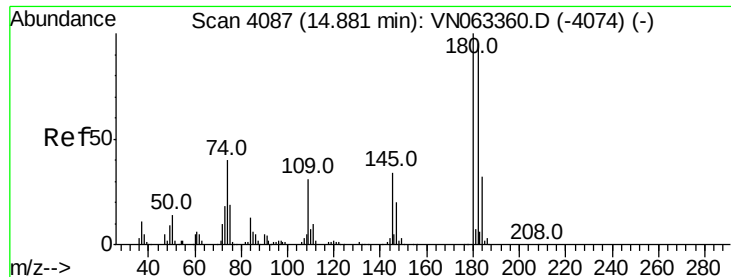
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.4	67.2
148	62.4	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.928 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.4	34.6	103.9
157	87.4	43.7	131.1

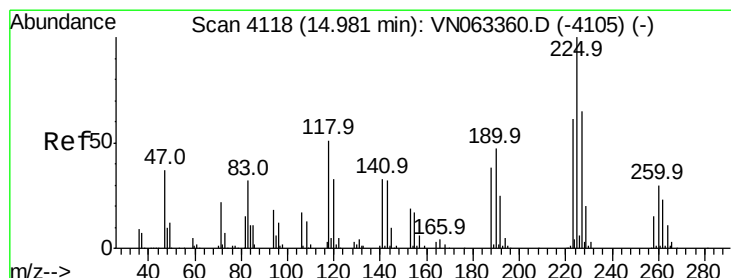
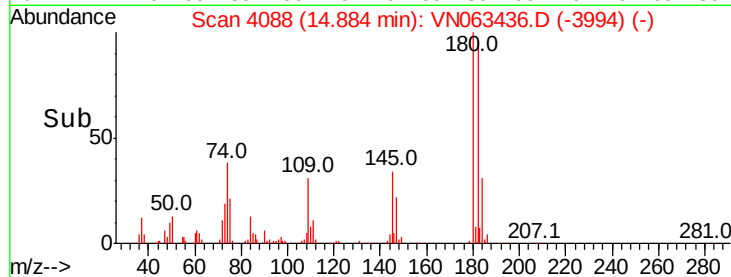
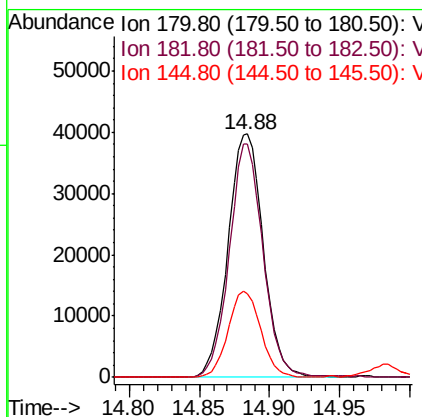
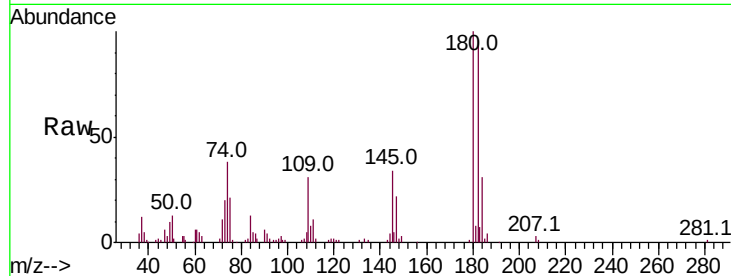




#93
 1,2,4-Trichlorobenzene
 Concen: 16.977 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

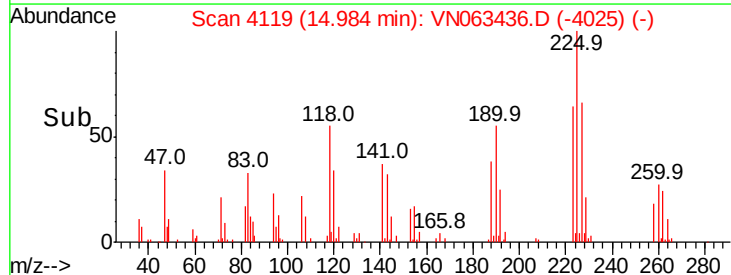
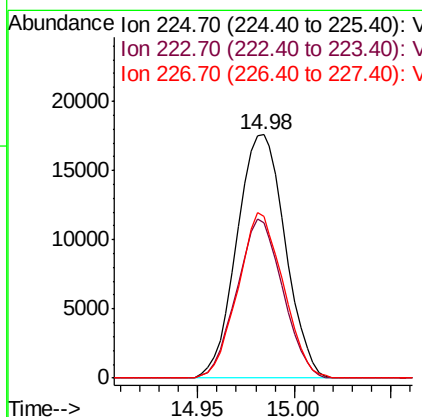
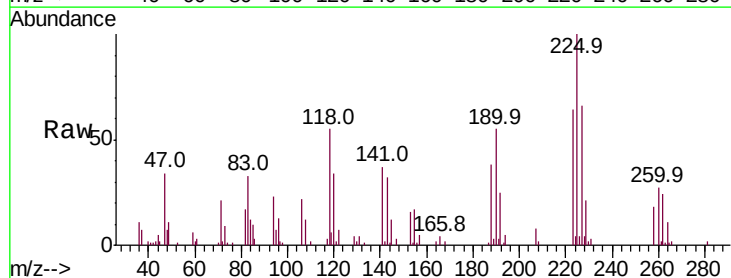
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0917MBS01

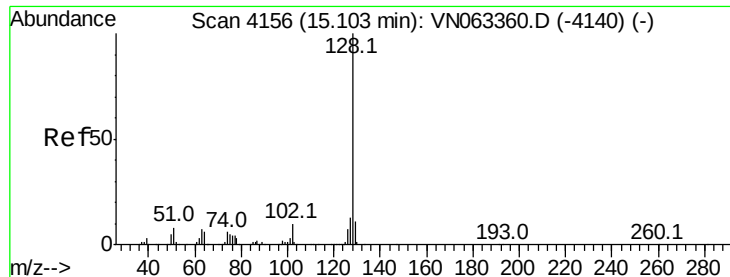
Tot Ion:180 Resp: 69404
 Ion Ratio Lower Upper
 180 100
 182 91.7 47.3 142.0
 145 32.7 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 18.035 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063436.D
 Acq: 17 Sep 2020 22:47

Tgt Ion:225 Resp: 30522
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.6 91.6
 227 63.8 31.2 93.6





#95

Naphthalene

Concen: 16.365 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

Instrument :

MSVOA_N

ClientSampleId :

VN0917MBS01

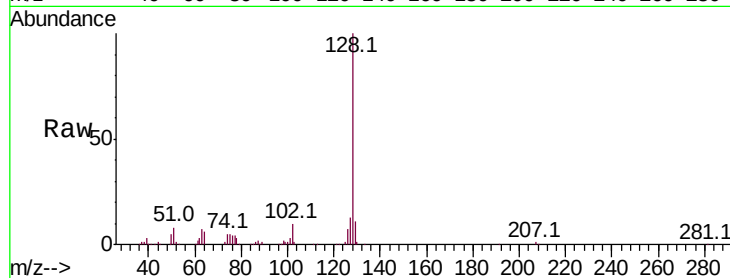
Tot Ion:128 Resp: 221023

Ion Ratio Lower Upper

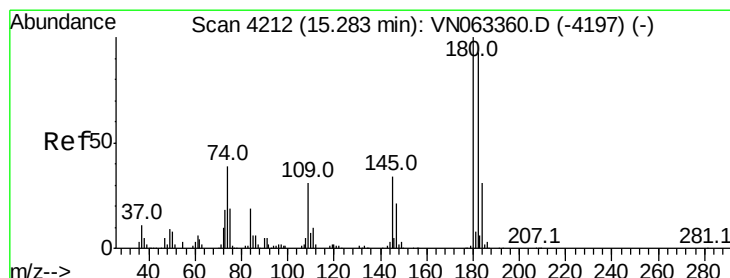
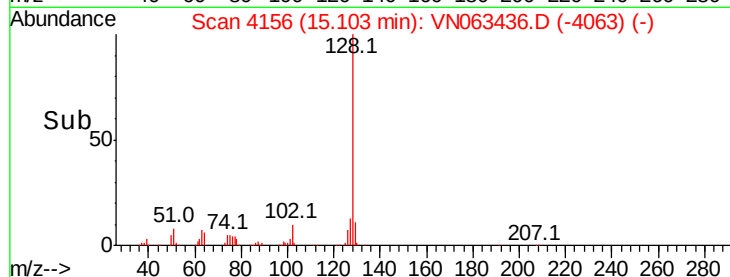
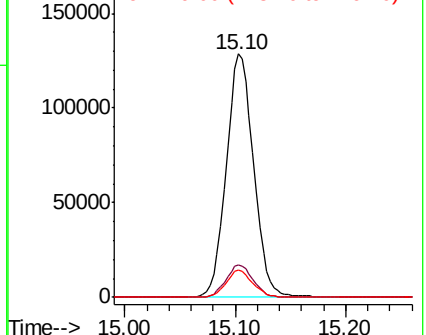
128 100

127 13.2 10.6 15.8

129 10.9 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: 16.749 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063436.D

Acq: 17 Sep 2020 22:47

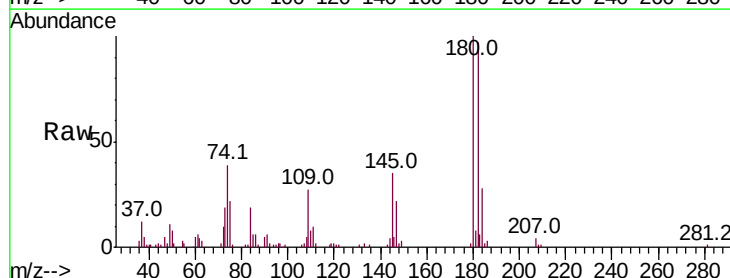
Tgt Ion:180 Resp: 66160

Ion Ratio Lower Upper

180 100

182 94.8 46.7 140.1

145 34.4 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

