

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
 Data File : VN063702.D
 Acq On : 28 Sep 2020 13:57
 Operator : JC/MD
 Sample : VN0928WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01

Quant Time: Sep 29 00:39:13 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	234056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	385037	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	360939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	201651	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
35) Dibromofluoromethane	7.55	113	139981	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
50) Toluene-d8	10.06	98	509641	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
62) 4-Bromofluorobenzene	12.38	95	188328	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43118	16.261	ug/l	99
3) Chloromethane	2.04	50	52930	15.089	ug/l	97
4) Vinyl Chloride	2.16	62	51191	16.471	ug/l	94
5) Bromomethane	2.53	94	35412	19.191	ug/l	94
6) Chloroethane	2.68	64	32957	17.275	ug/l	100
7) Trichlorofluoromethane	2.99	101	85669	18.475	ug/l	97
8) Diethyl Ether	3.37	74	32851	18.174	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48300	18.522	ug/l	98
10) Methyl Iodide	3.91	142	57069	16.809	ug/l #	94
11) Tert butyl alcohol	4.73	59	46764	84.724	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	43349	16.412	ug/l	95
13) Acrolein	3.57	56	14504	70.907	ug/l	92
14) Allyl chloride	4.28	41	85399	16.346	ug/l	98
15) Acrylonitrile	4.93	53	128043	91.199	ug/l	99
16) Acetone	3.78	43	120731	94.286	ug/l	100
17) Carbon Disulfide	4.01	76	110359	14.364	ug/l	97
18) Methyl Acetate	4.28	43	65988	20.300	ug/l	99
19) Methyl tert-butyl Ether	4.98	73	171818	17.454	ug/l	97
20) Methylene Chloride	4.51	84	58932	18.165	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	47549	16.249	ug/l	97
22) Diisopropyl ether	5.90	45	187474	17.594	ug/l	94
23) Vinyl Acetate	5.85	43	756661	86.467	ug/l	100
24) 1,1-Dichloroethane	5.80	63	104617	17.984	ug/l	98
25) 2-Butanone	6.78	43	174075	88.393	ug/l	99
26) 2,2-Dichloropropane	6.78	77	86011	16.793	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	58553	17.678	ug/l	97
28) Bromochloromethane	7.15	49	55814	20.779	ug/l	96
29) Tetrahydrofuran	7.16	42	112955	83.981	ug/l	98
30) Chloroform	7.33	83	110480	18.929	ug/l	99
31) Cyclohexane	7.61	56	82361	14.967	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	92727	17.863	ug/l	99
36) 1,1-Dichloropropene	7.75	75	74430	18.145	ug/l	98
37) Ethyl Acetate	6.88	43	77265	19.192	ug/l	99
38) Carbon Tetrachloride	7.73	117	80555	19.238	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69298	15.566	ug/l	91
40) Benzene	8.00	78	219805	18.771	ug/l	98
41) Methacrylonitrile	7.16	41	115510	63.792	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	97194	20.640	ug/l	99
43) Isopropyl Acetate	8.13	43	133395	18.530	ug/l #	89
44) Trichloroethene	8.80	130	55427	19.515	ug/l	99
45) 1,2-Dichloropropane	9.08	63	62698	19.659	ug/l	95
46) Dibromomethane	9.18	93	42394	20.225	ug/l	99
47) Bromodichloromethane	9.37	83	87396	20.069	ug/l	99
48) Methyl methacrylate	9.17	41	63874	18.060	ug/l	98
49) 1,4-Dioxane	9.17	88	19576	385.691	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	399543	99.138	ug/l	98
52) Toluene	10.13	92	136333	19.365	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	90795	18.676	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	97270	18.969	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	57887	20.700	ug/l	98
56) Ethyl methacrylate	10.40	69	78778	18.045	ug/l	97
57) 1,3-Dichloropropane	10.68	76	98657	19.563	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.67	63	200024	87.343	ug/l	98
59) 2-Hexanone	10.72	43	286370	98.081	ug/l	98
60) Dibromochloromethane	10.87	129	62057	19.643	ug/l	94
61) 1,2-Dibromoethane	10.98	107	58469	20.125	ug/l	100
64) Tetrachloroethene	10.60	164	52044	21.176	ug/l	98
65) Chlorobenzene	11.41	112	145509	18.992	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	57567	20.497	ug/l	99
67) Ethyl Benzene	11.49	91	259470	17.983	ug/l	100
68) m/p-Xylenes	11.59	106	194156	37.322	ug/l	97
69) o-Xylene	11.92	106	91342	18.432	ug/l	100
70) Styrene	11.94	104	158131	19.028	ug/l	98
71) Bromoform	12.10	173	40893	19.545	ug/l #	99
73) Isopropylbenzene	12.23	105	249164	17.820	ug/l	100
74) N-amyl acetate	12.05	43	110032	16.624	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	82665	19.094	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	111573	25.835	ug/l #	100
77) Bromobenzene	12.50	156	61324	19.498	ug/l	94
78) n-propylbenzene	12.57	91	282893	17.371	ug/l	99
79) 2-Chlorotoluene	12.65	91	176281	18.057	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	212580	18.233	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	26144	16.597	ug/l	95
82) 4-Chlorotoluene	12.75	91	187594	18.187	ug/l	100
83) tert-Butylbenzene	12.97	119	166192	17.270	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	209773	17.812	ug/l	100
85) sec-Butylbenzene	13.15	105	221017	17.158	ug/l	99
86) p-Isopropyltoluene	13.26	119	198618	17.482	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	108956	18.690	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	111014	18.731	ug/l	97
89) n-Butylbenzene	13.59	91	175250	16.735	ug/l	98
90) Hexachloroethane	13.85	117	37087	17.143	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	107541	18.790	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18124	17.580	ug/l	99

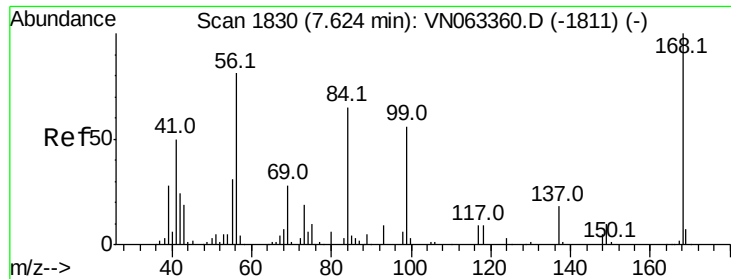
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
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Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	57006	16.895	ug/l	99
94) Hexachlorobutadiene	14.98	225	28368	20.309	ug/l	97
95) Naphthalene	15.10	128	175405	15.735	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	55773	17.108	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

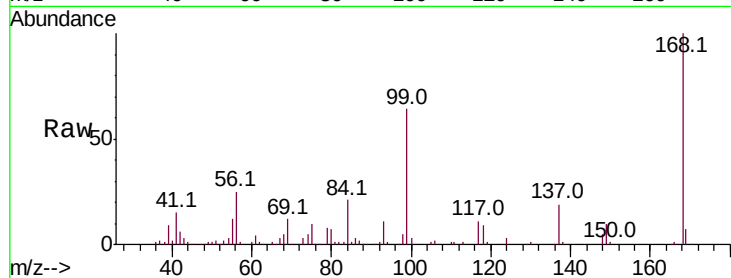
VN0928WBSD01

Tot Ion:168 Resp: 234056

Ion Ratio Lower Upper

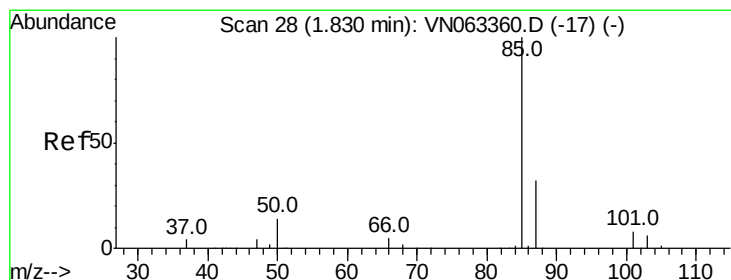
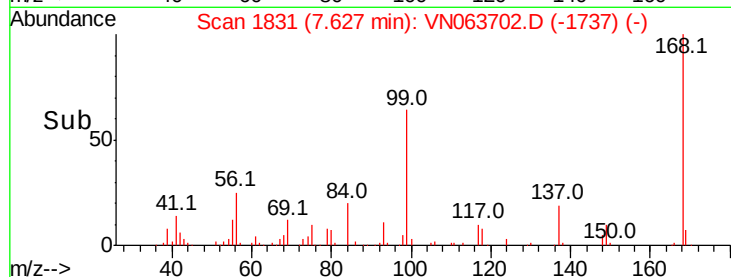
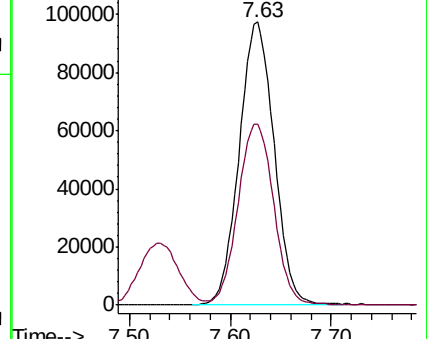
168 100

99 63.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 16.261 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063702.D

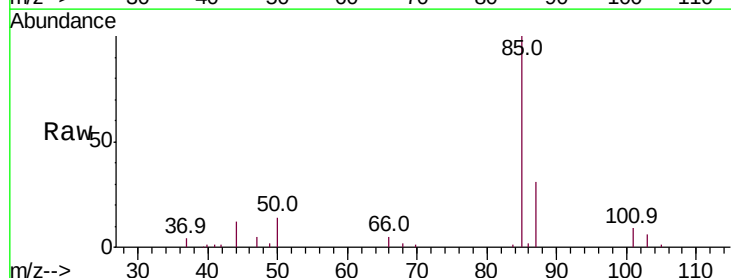
Acq: 28 Sep 2020 13:57

Tgt Ion: 85 Resp: 43118

Ion Ratio Lower Upper

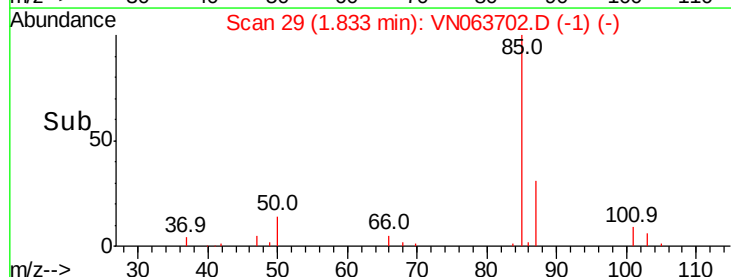
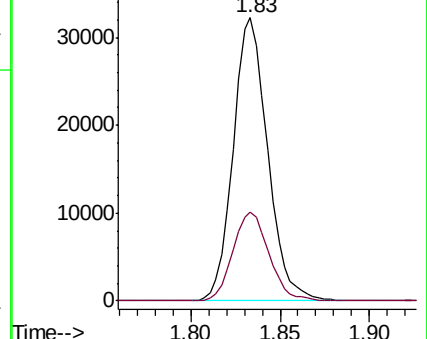
85 100

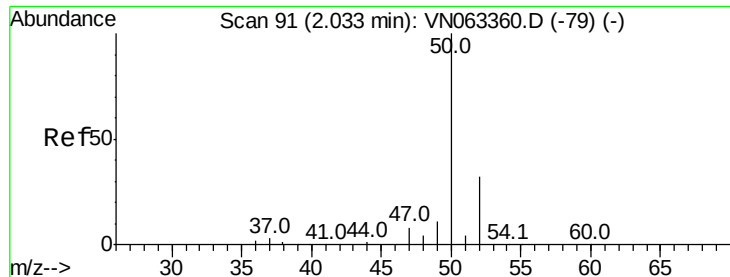
87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 15.089 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

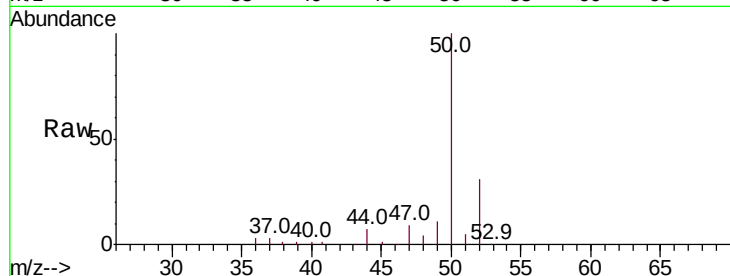
VN0928WBSD01

Tot Ion: 50 Resp: 52930

Ion Ratio Lower Upper

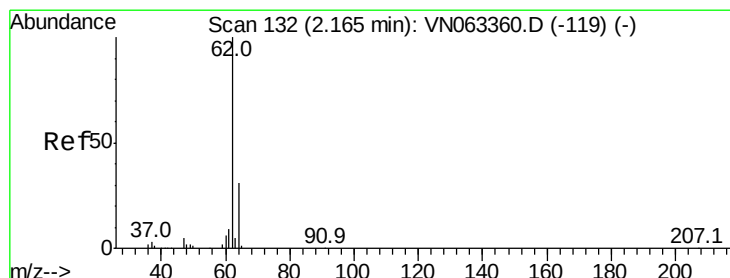
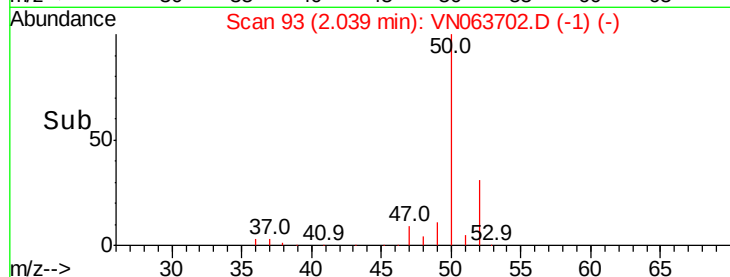
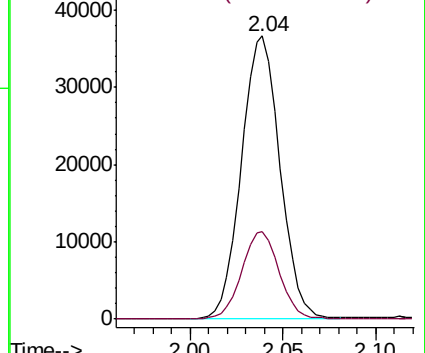
50 100

52 31.0 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: 16.471 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063702.D

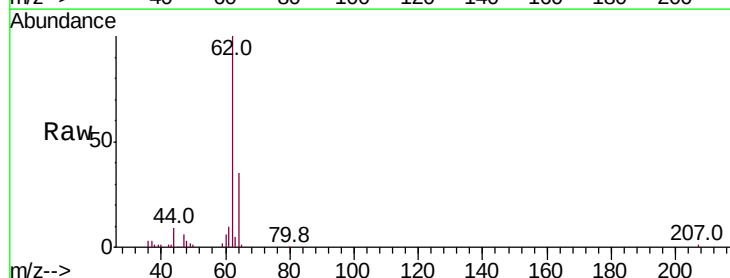
Acq: 28 Sep 2020 13:57

Tgt Ion: 62 Resp: 51191

Ion Ratio Lower Upper

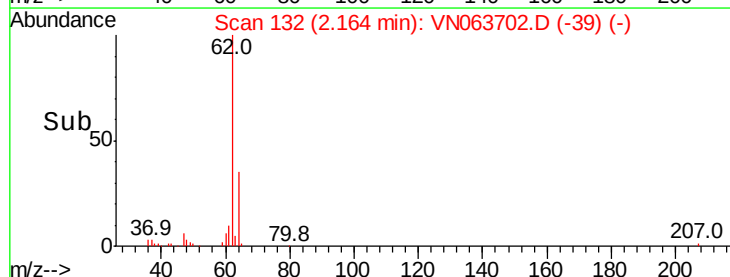
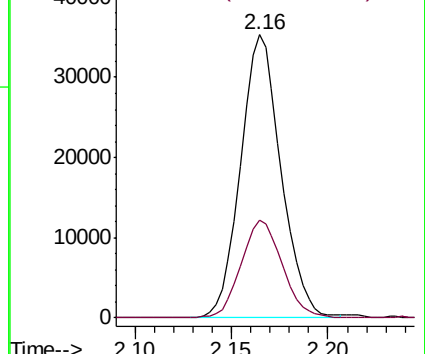
62 100

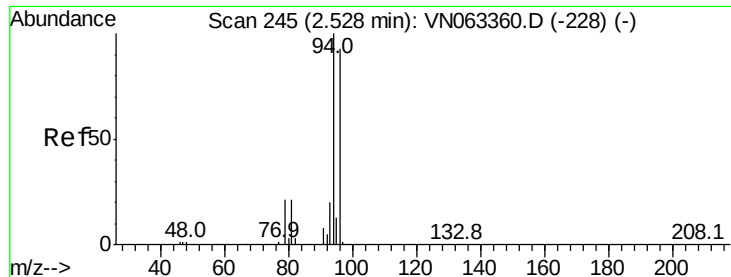
64 34.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 19.191 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

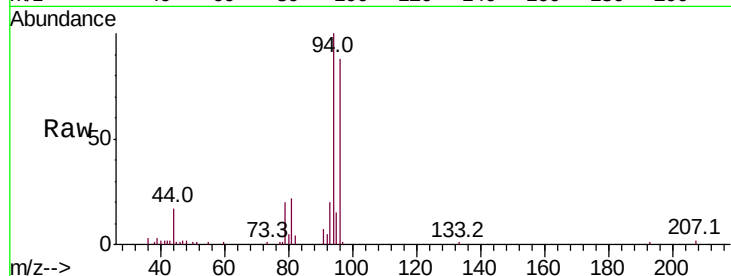
VN0928WBSD01

Tot Ion: 94 Resp: 35412

Ion Ratio Lower Upper

94 100

96 87.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

20000

15000

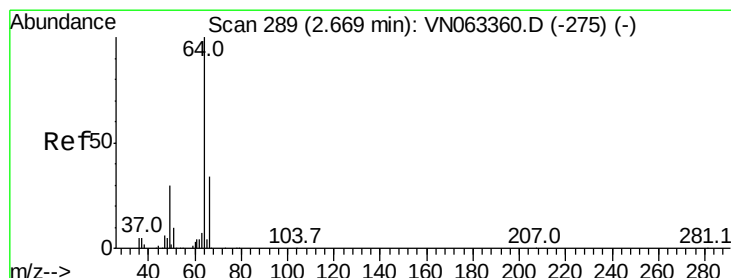
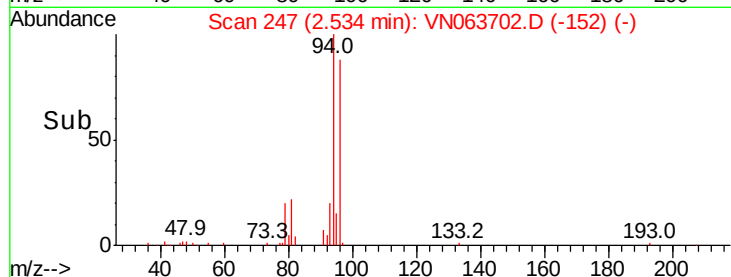
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 17.275 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN063702.D

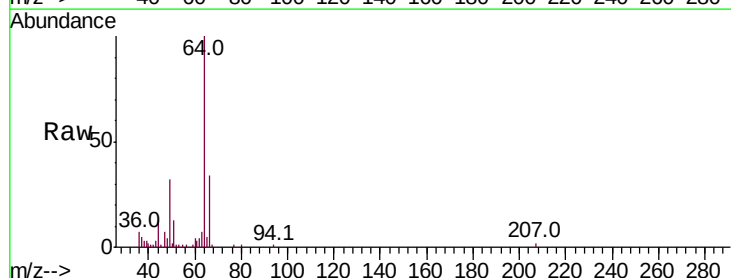
Acq: 28 Sep 2020 13:57

Tgt Ion: 64 Resp: 32957

Ion Ratio Lower Upper

64 100

66 33.8 26.9 40.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

20000

15000

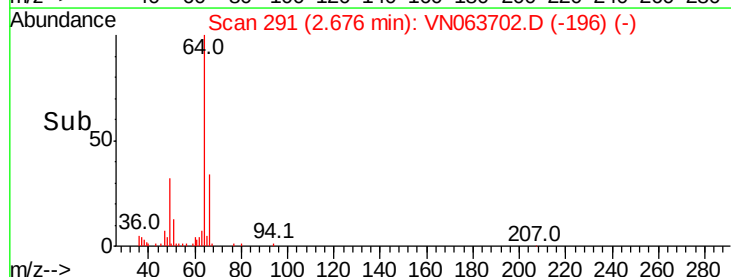
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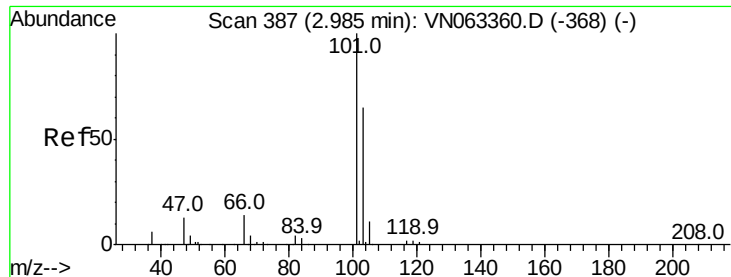
5000

0

Time-->

2.60 2.65 2.70 2.75



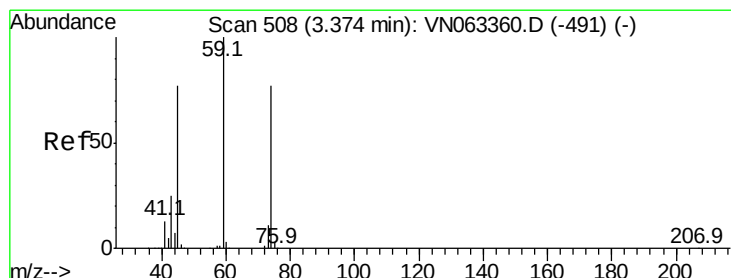
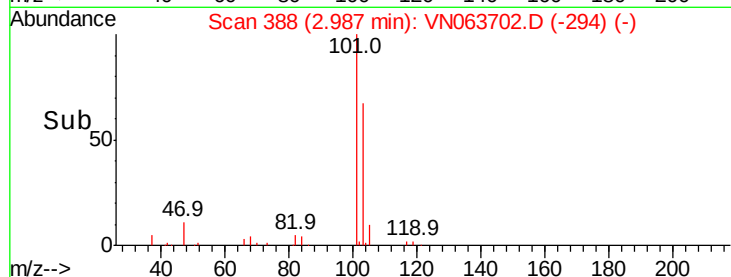
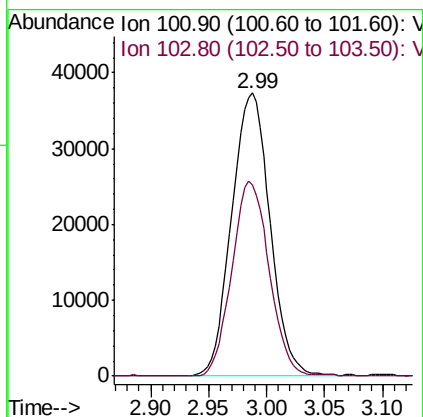
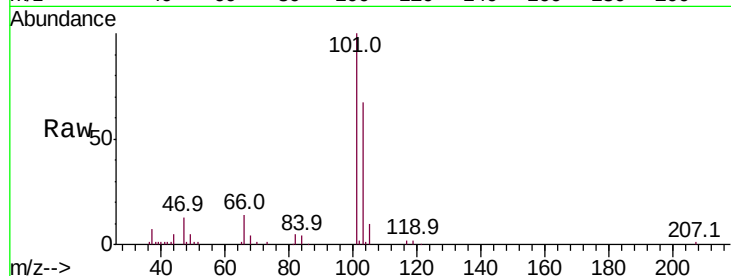


#7

Trichlorofluoromethane
 Concen: 18.475 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01

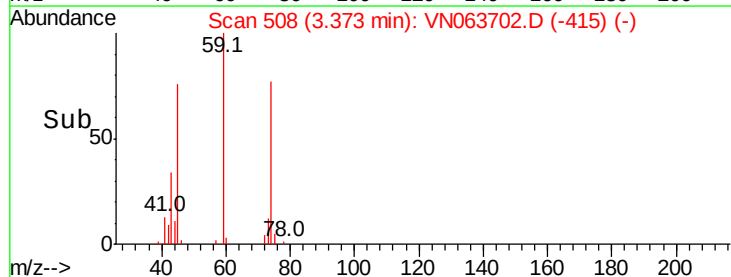
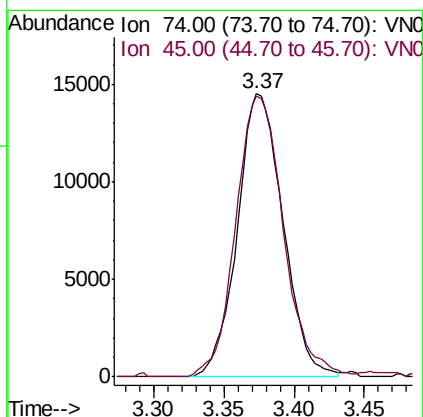
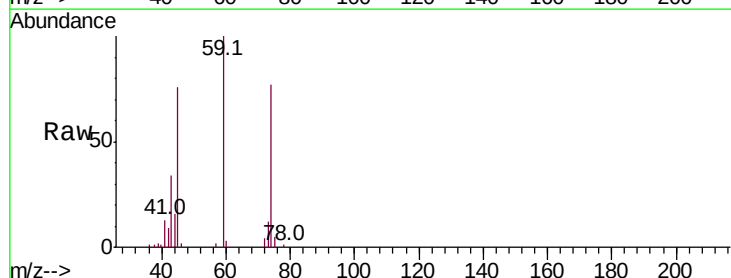
Tot Ion:101 Resp: 85669
 Ion Ratio Lower Upper
 101 100
 103 67.5 52.3 78.5

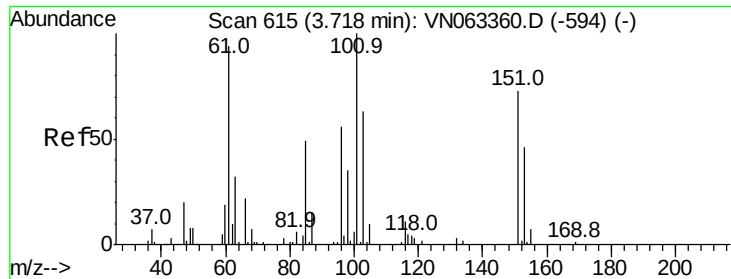


#8

Diethyl Ether
 Concen: 18.174 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

Tgt Ion: 74 Resp: 32851
 Ion Ratio Lower Upper
 74 100
 45 103.8 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.522 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

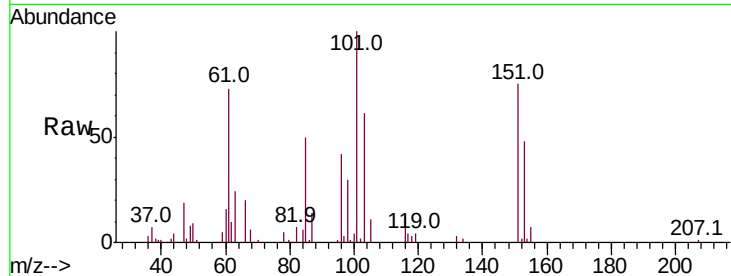
Tot Ion:101 Resp: 48300

Ion Ratio Lower Upper

101 100

85 49.0 37.7 56.5

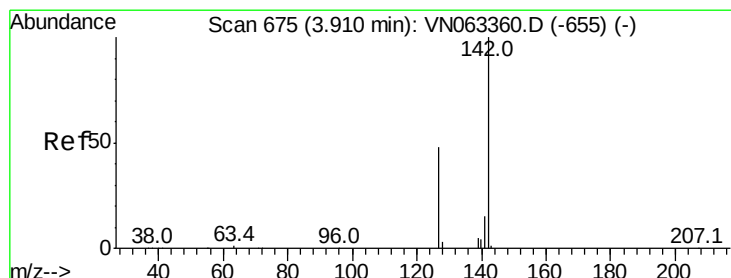
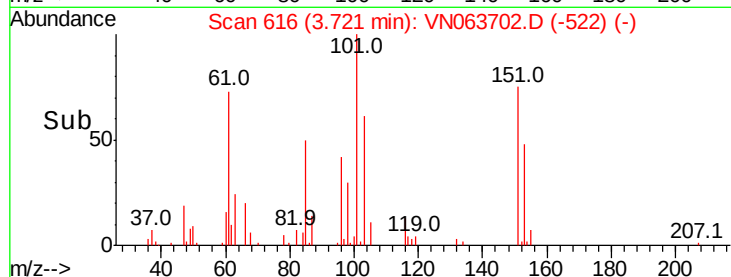
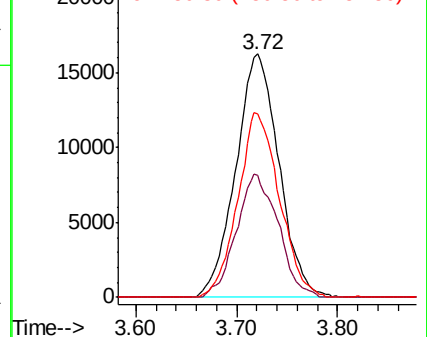
151 73.1 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.809 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

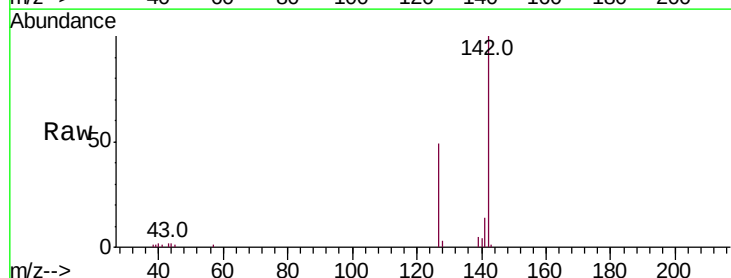
Tgt Ion:142 Resp: 57069

Ion Ratio Lower Upper

142 100

127 50.7 39.0 58.6

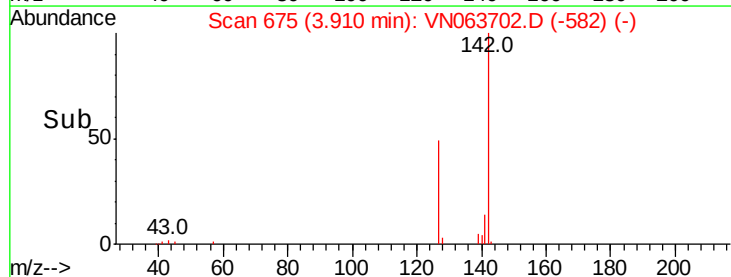
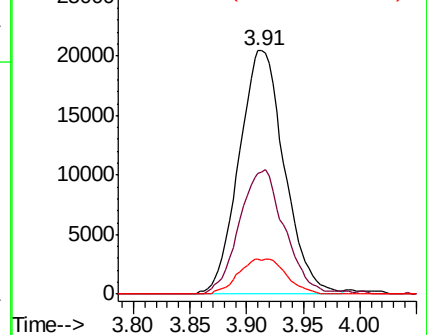
141 7.8 11.6 17.4#

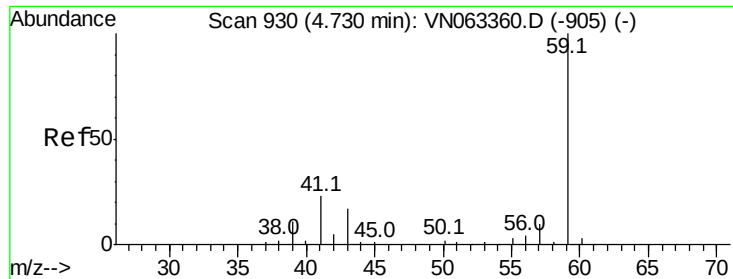


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

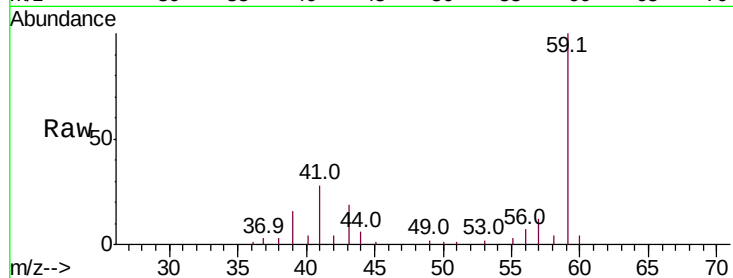




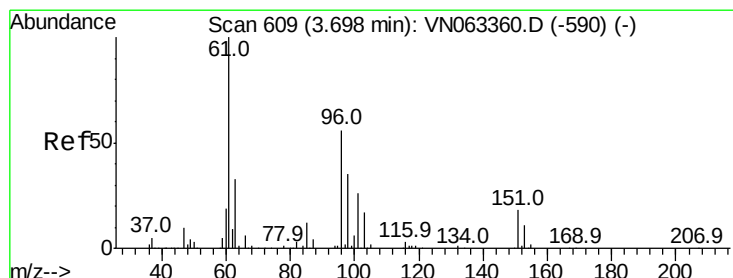
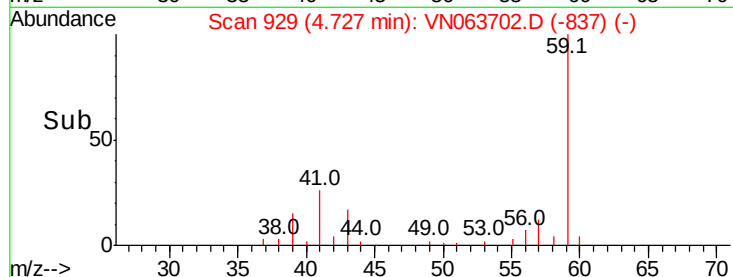
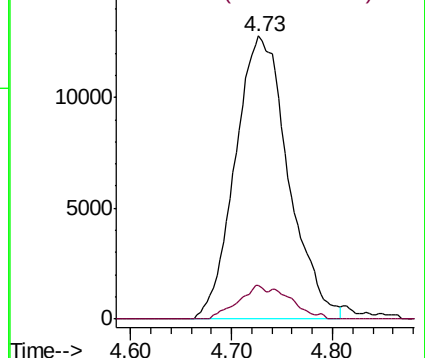
#11
Tert butyl alcohol
Concen: 84.724 ug/l
RT: 4.73 min Scan# 929
Delta R.T. -0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Instrument :
MSVOA_N
ClientSampled :
VN0928WBSD01

Tot Ion: 59 Resp: 46764
Ion Ratio Lower Upper
59 100
57 6.0 8.4 12.6#

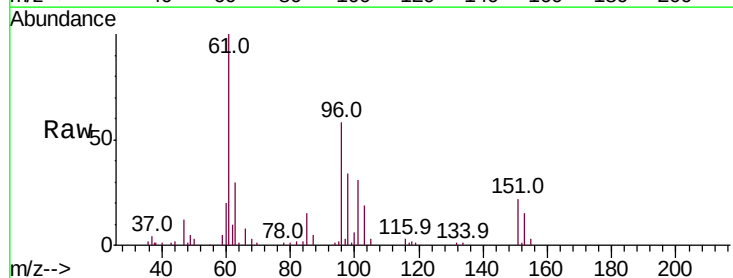


Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

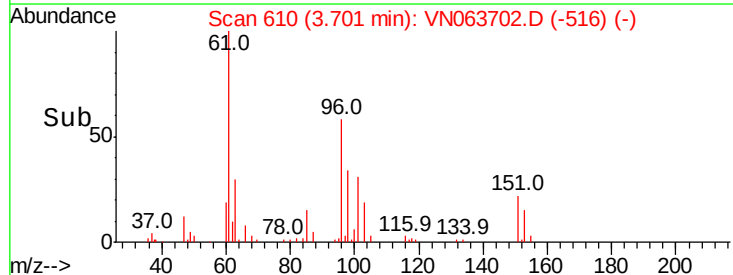
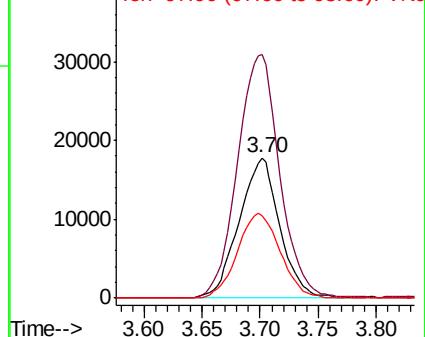


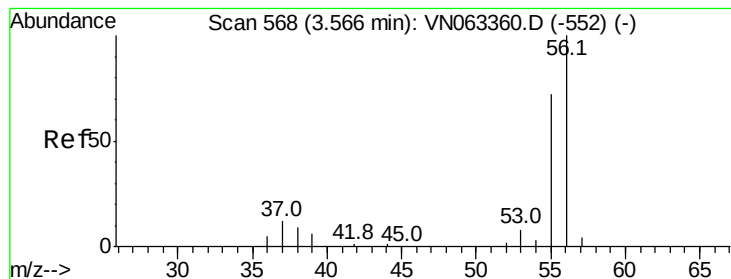
#12
1,1-Dichloroethene
Concen: 16.412 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Tgt Ion: 96 Resp: 43349
Ion Ratio Lower Upper
96 100
61 173.3 143.4 215.2
98 59.0 50.6 76.0



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





#13

Acrolein

Concen: 70.907 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

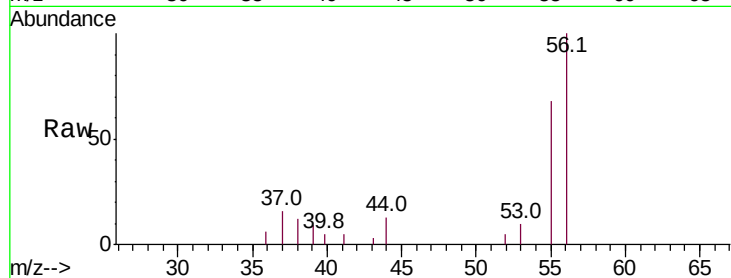
VN0928WBSD01

Tot Ion: 56 Resp: 14504

Ion Ratio Lower Upper

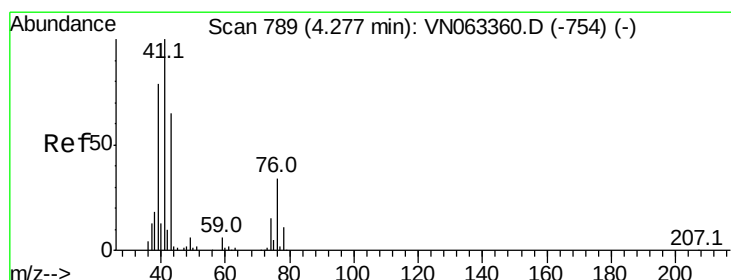
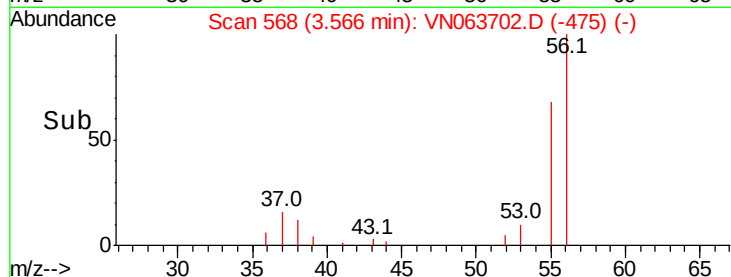
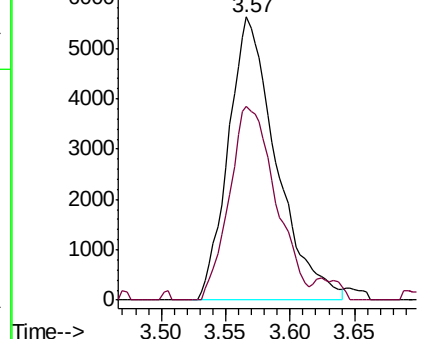
56 100

55 66.2 58.2 87.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.346 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

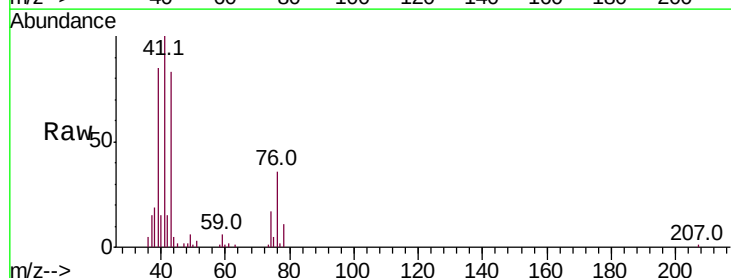
Tgt Ion: 41 Resp: 85399

Ion Ratio Lower Upper

41 100

39 76.9 59.3 88.9

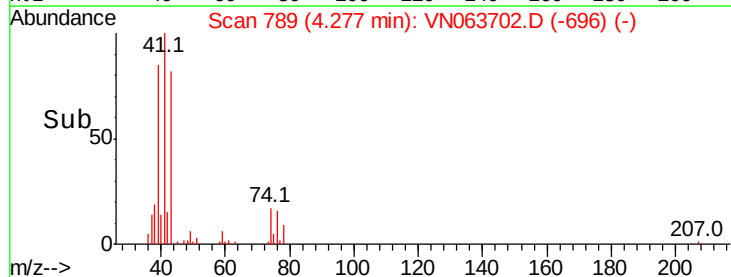
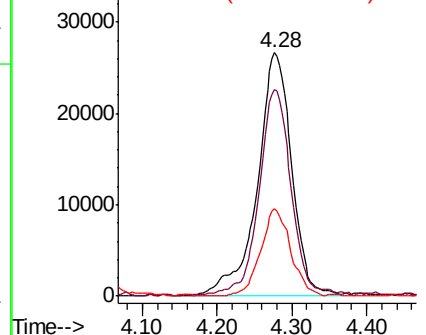
76 31.3 25.3 37.9

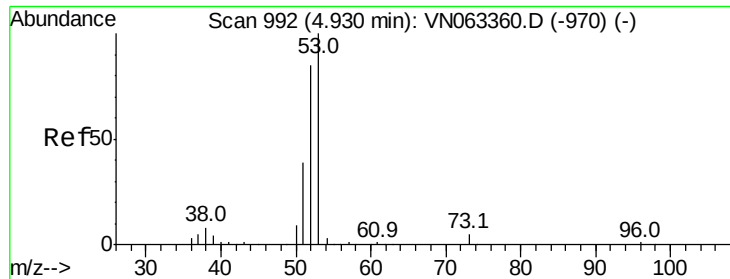


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 91.199 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

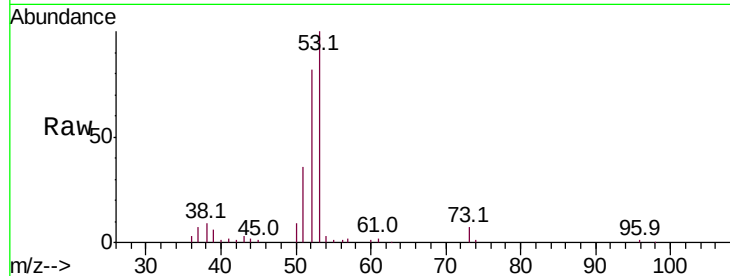
Tot Ion: 53 Resp: 128043

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

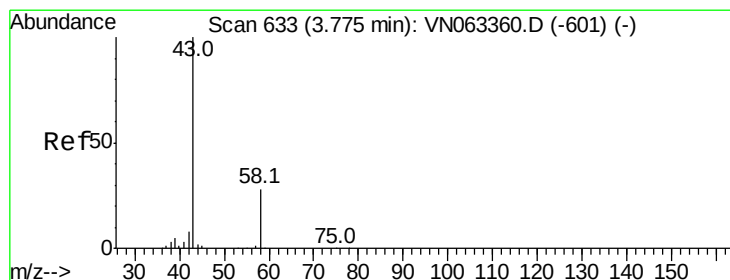
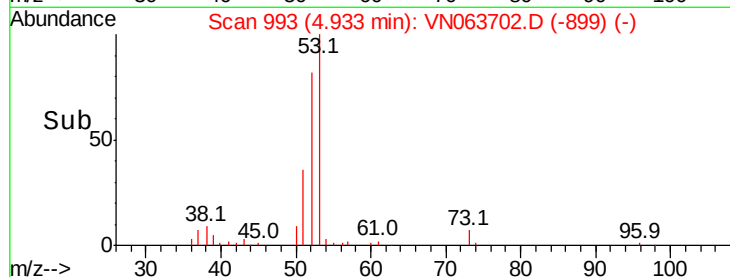
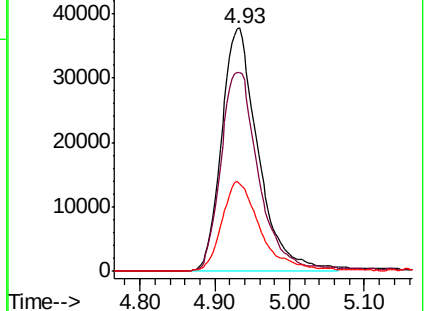
51 38.9 30.2 45.4



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: 94.286 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063702.D

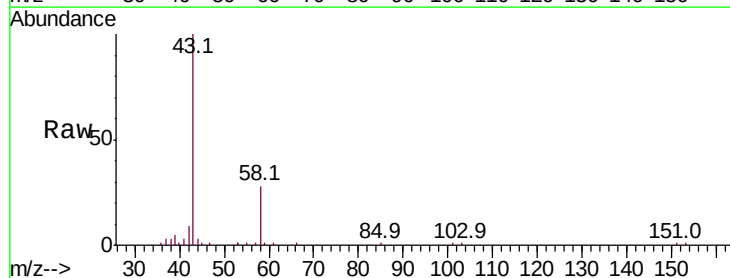
Acq: 28 Sep 2020 13:57

Tgt Ion: 43 Resp: 120731

Ion Ratio Lower Upper

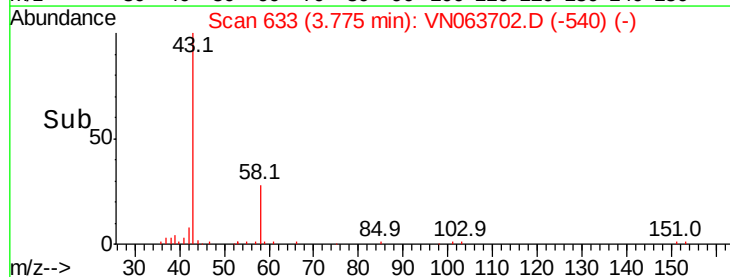
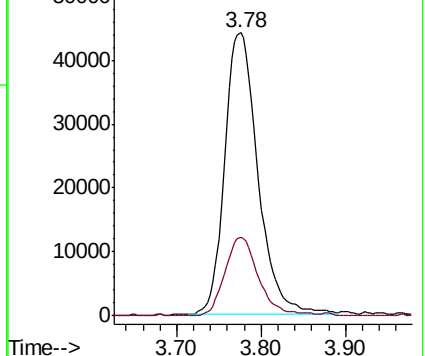
43 100

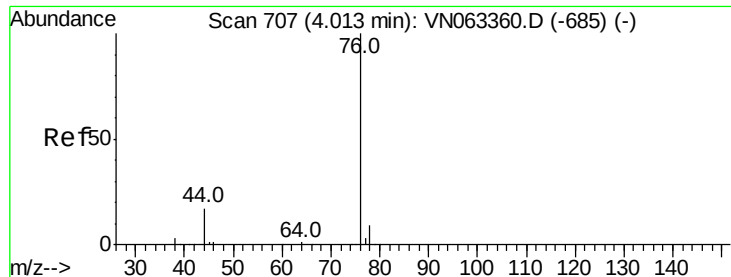
58 27.8 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 14.364 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

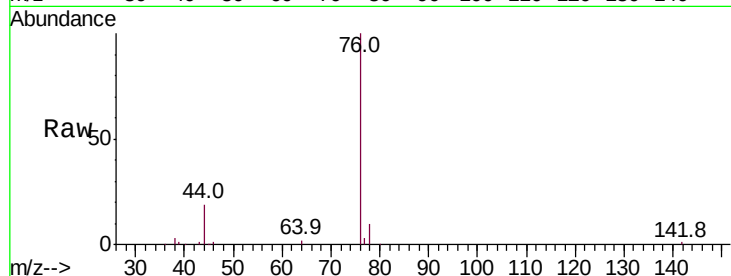
VN0928WBSD01

Tot Ion: 76 Resp: 110359

Ion Ratio Lower Upper

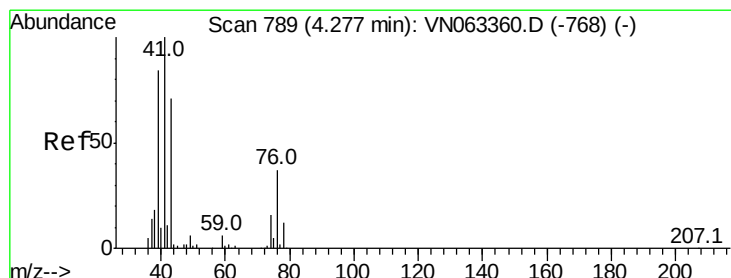
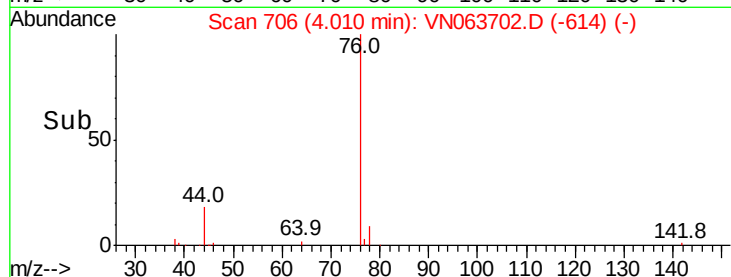
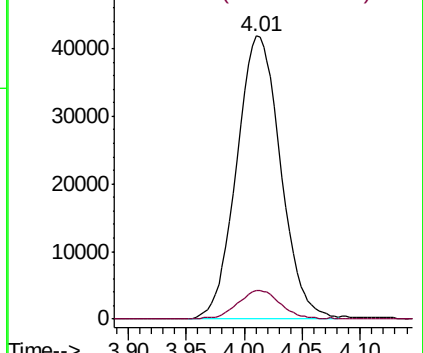
76 100

78 10.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 20.300 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063702.D

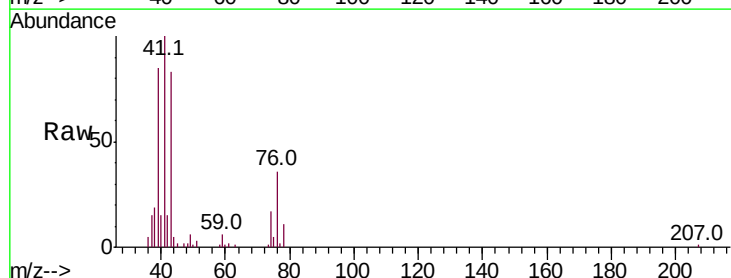
Acq: 28 Sep 2020 13:57

Tgt Ion: 43 Resp: 65988

Ion Ratio Lower Upper

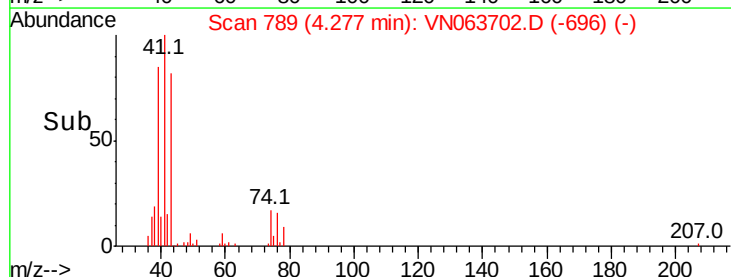
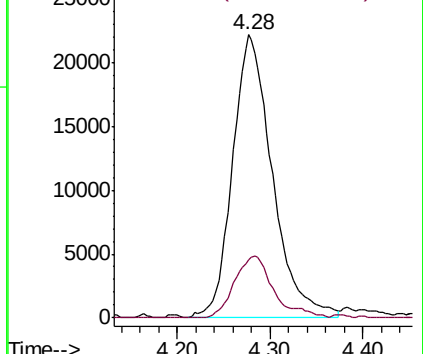
43 100

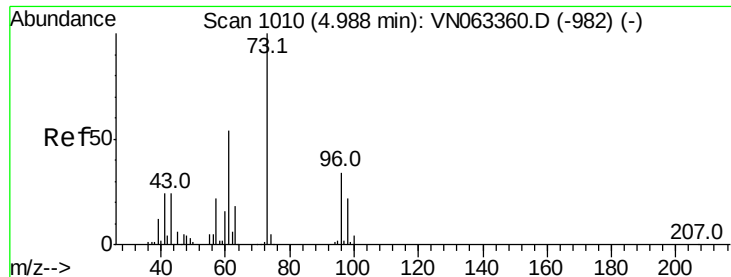
74 21.5 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#19

Methvl tert-butvl Ether

Concen: 17.454 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

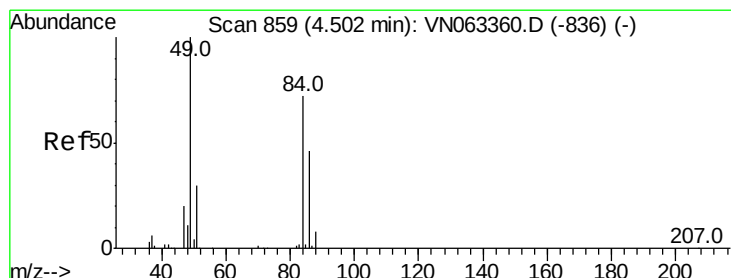
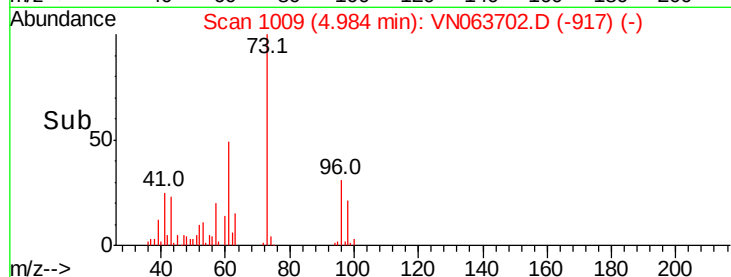
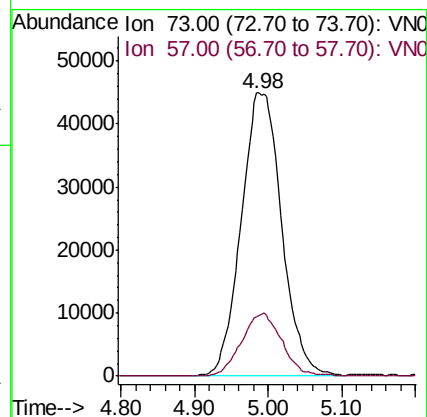
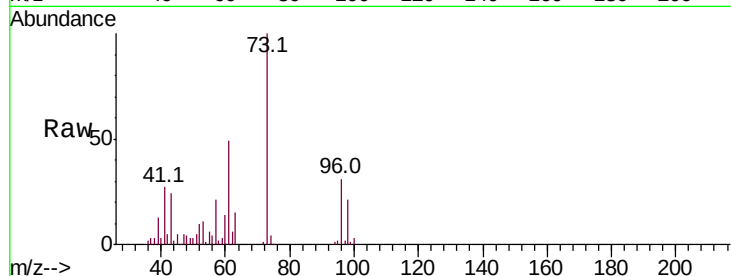
VN0928WBSD01

Tot Ion: 73 Resp: 171818

Ion Ratio Lower Upper

73 100

57 21.2 17.9 26.9



#20

Methylene Chloride

Concen: 18.165 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Tgt Ion: 84 Resp: 58932

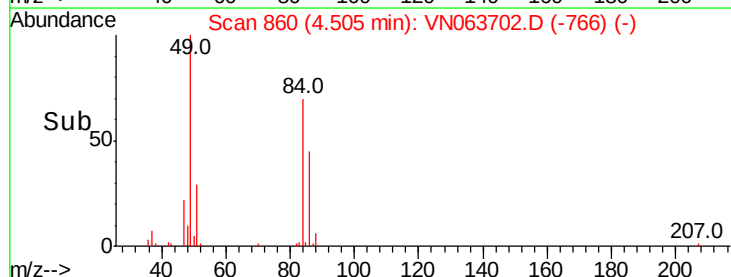
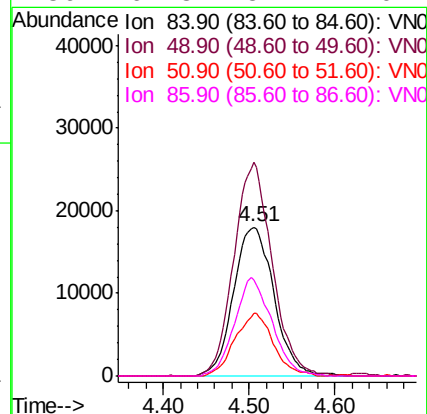
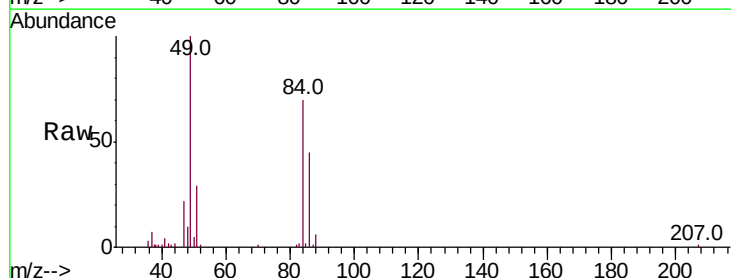
Ion Ratio Lower Upper

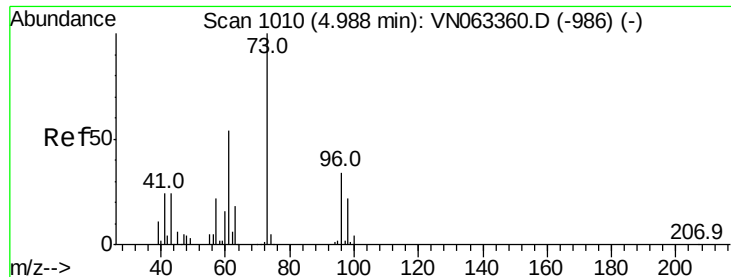
84 100

49 143.7 110.7 166.1

51 42.0 32.9 49.3

86 64.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 16.249 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

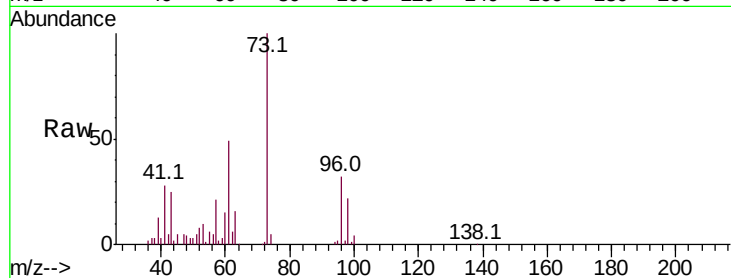
Tot Ion: 96 Resp: 47549

Ion Ratio Lower Upper

96 100

61 154.5 126.2 189.4

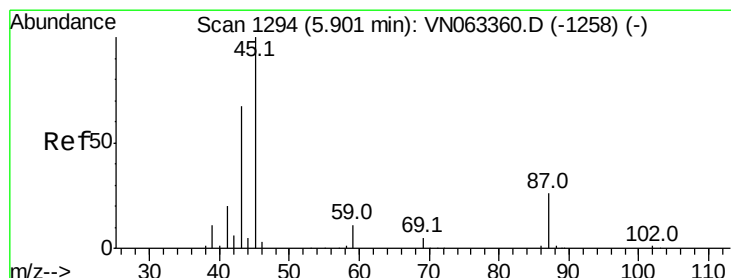
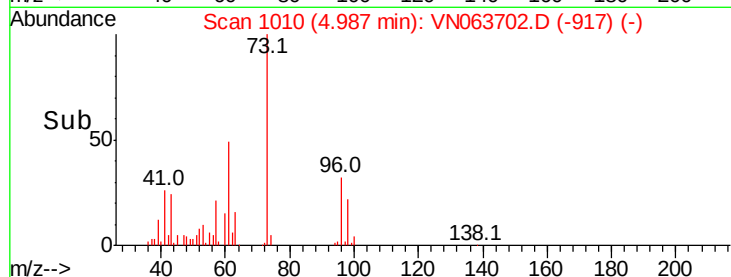
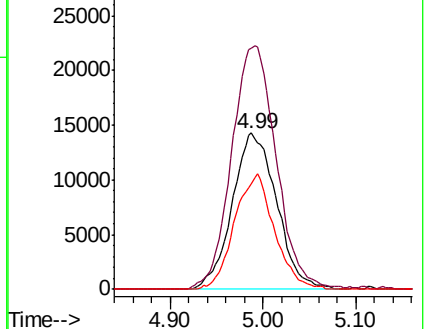
98 67.8 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN063702.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN063702.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN063702.D (-917) (-)



#22

Diisopropyl ether

Concen: 17.594 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Tgt Ion: 45 Resp: 187474

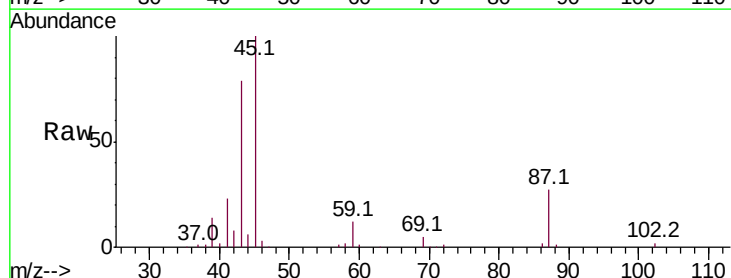
Ion Ratio Lower Upper

45 100

43 74.7 53.5 80.3

87 26.5 21.2 31.8

59 11.0 8.8 13.2

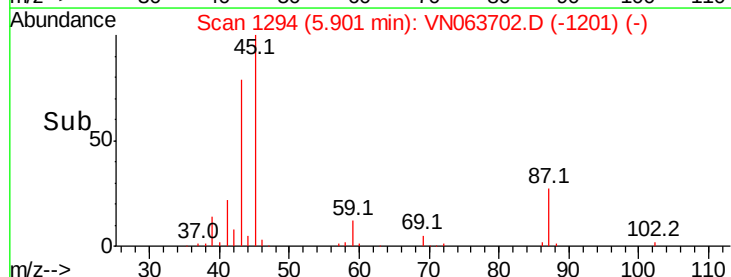
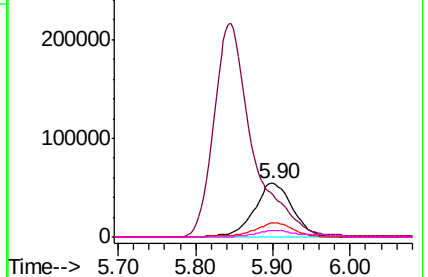


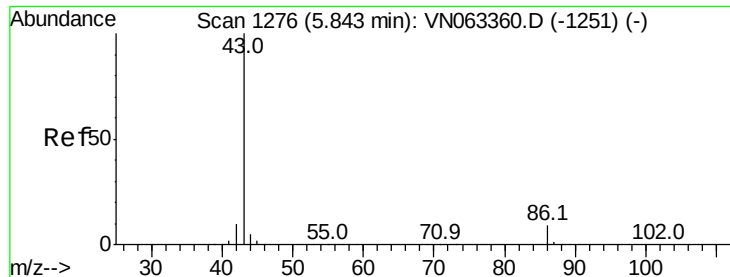
Abundance Ion 45.00 (44.70 to 45.70): VN063702.D (-1201) (-)

Ion 43.00 (42.70 to 43.70): VN063702.D (-1201) (-)

Ion 87.00 (86.70 to 87.70): VN063702.D (-1201) (-)

Ion 59.00 (58.70 to 59.70): VN063702.D (-1201) (-)





#23

Vinyl Acetate

Concen: 86.467 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

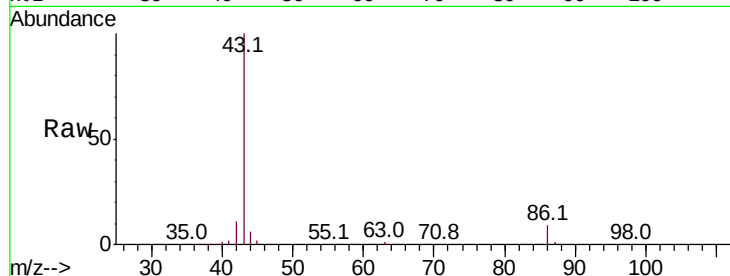
VN0928WBSD01

Tot Ion: 43 Resp: 756661

Ion Ratio Lower Upper

43 100

86 9.0 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1251) (-)

Ion 86.00 (85.70 to 86.70): VN063360.D (-1251) (-)

250000

200000

150000

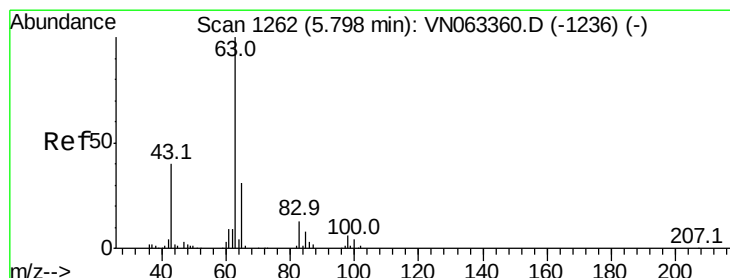
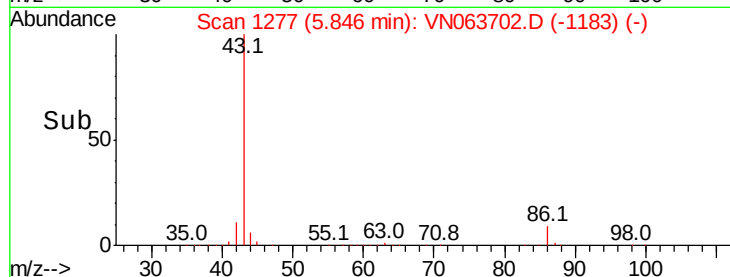
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.984 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

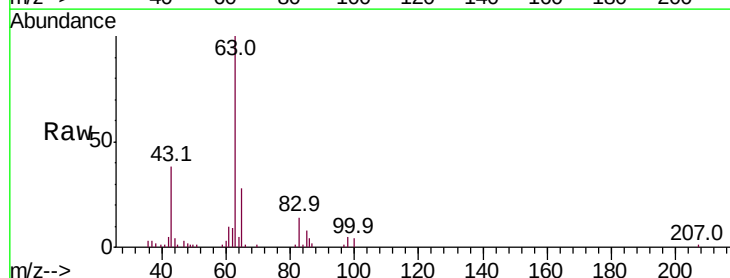
Tgt Ion: 63 Resp: 104617

Ion Ratio Lower Upper

63 100

98 5.5 2.9 8.8

100 3.5 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN063360.D (-1236) (-)

Ion 97.90 (97.60 to 98.60): VN063360.D (-1236) (-)

Ion 99.90 (99.60 to 100.60): VN063360.D (-1236) (-)

40000

30000

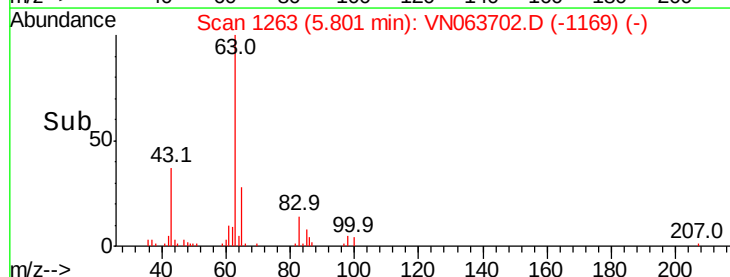
20000

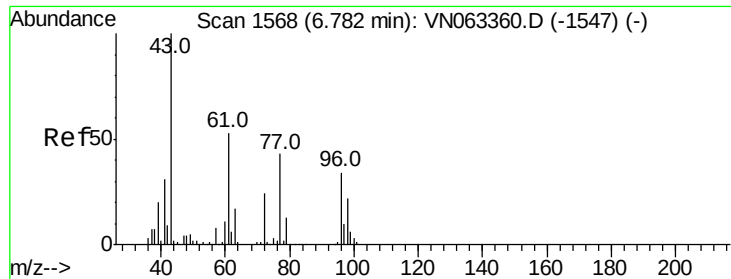
10000

0

5.70 5.80 5.90

Time-->

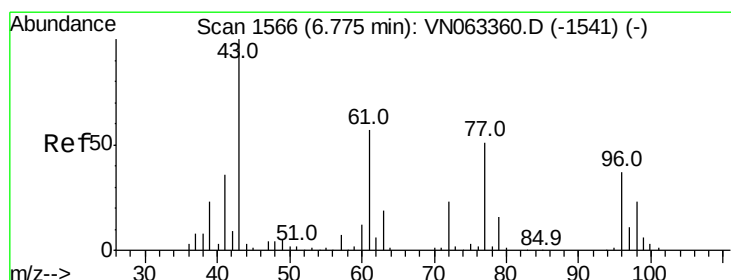
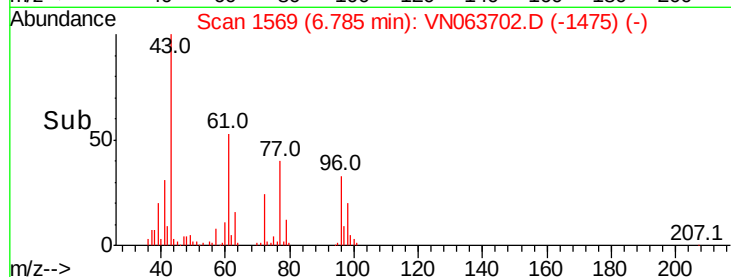
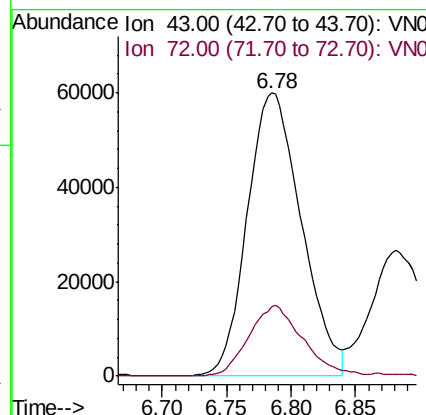
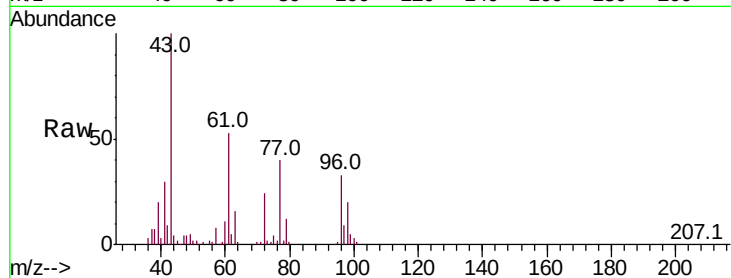




#25
 2-Butanone
 Concen: 88.393 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

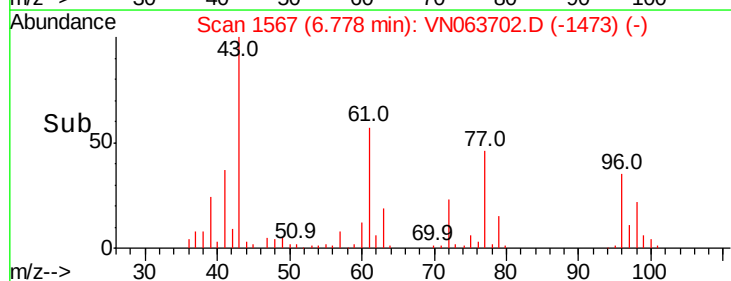
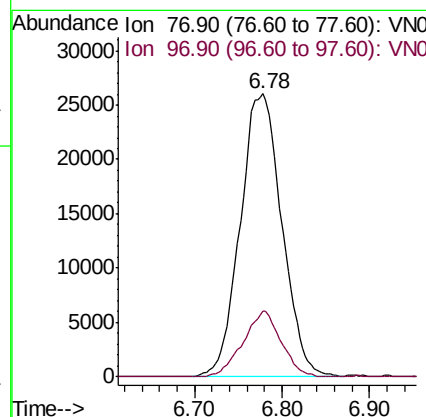
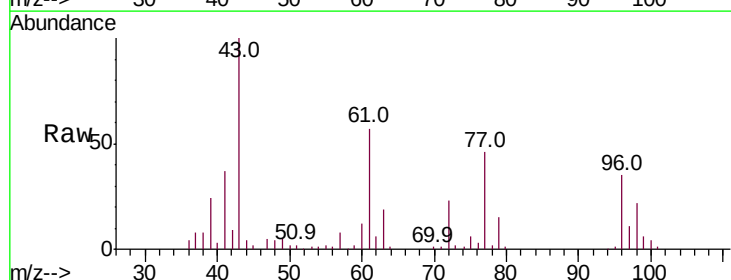
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01

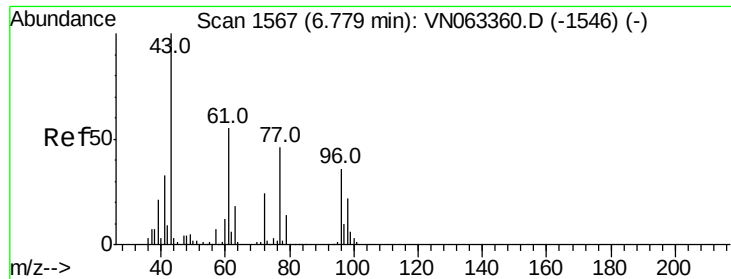
Tot Ion: 43 Resp: 174075
 Ion Ratio Lower Upper
 43 100
 72 24.5 19.2 28.8



#26
 2,2-Dichloropropane
 Concen: 16.793 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

Tgt Ion: 77 Resp: 86011
 Ion Ratio Lower Upper
 77 100
 97 21.2 10.5 31.6

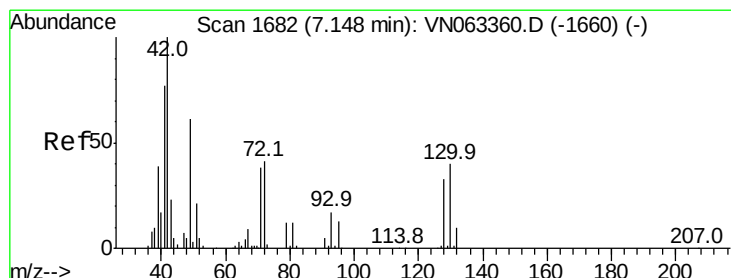
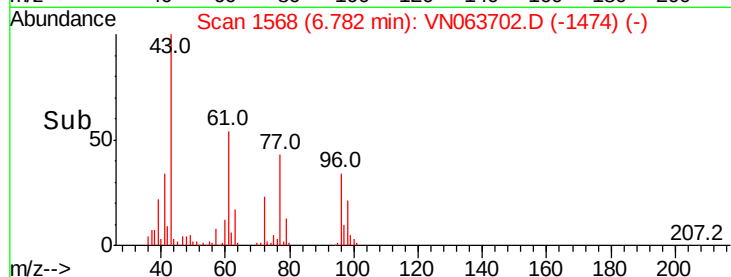
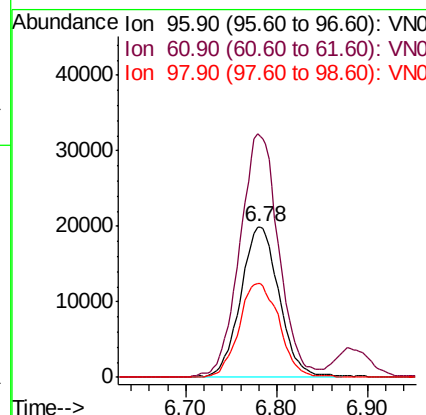
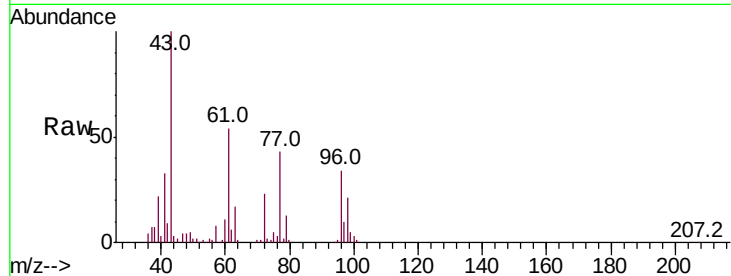




#27
 cis-1,2-Dichloroethene
 Concen: 17.678 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

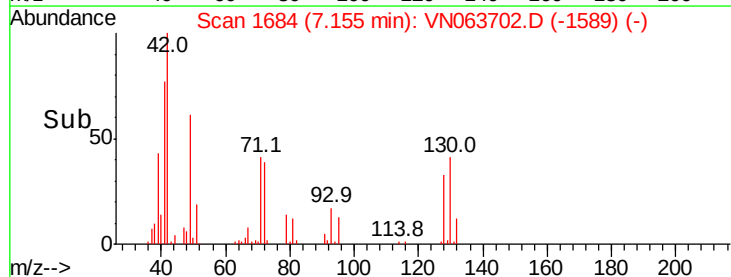
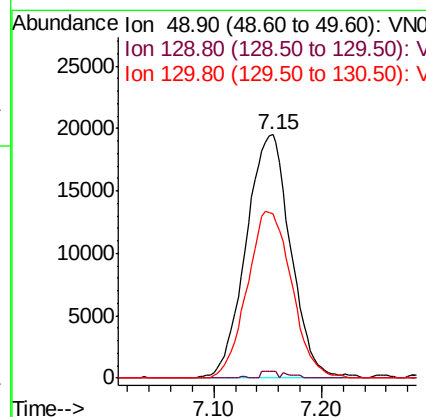
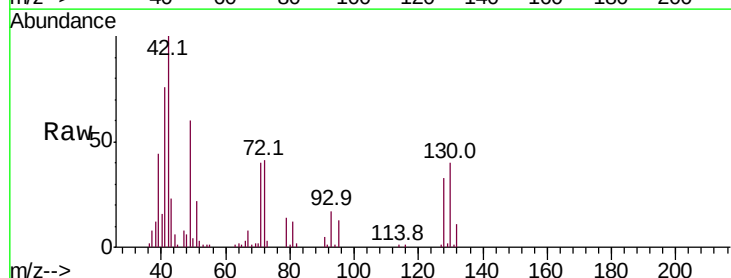
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01

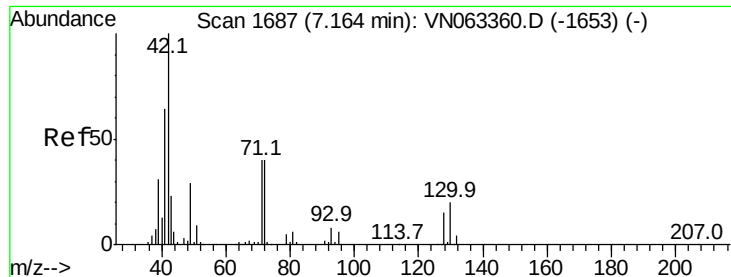
Tot Ion: 96 Resp: 58553
 Ion Ratio Lower Upper
 96 100
 61 163.9 0.0 319.6
 98 64.8 0.0 127.8



#28
 Bromochloromethane
 Concen: 20.779 ug/l
 RT: 7.15 min Scan# 1684
 Delta R.T. 0.01 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

Tgt Ion: 49 Resp: 55814
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.8
 130 68.4 52.2 78.2

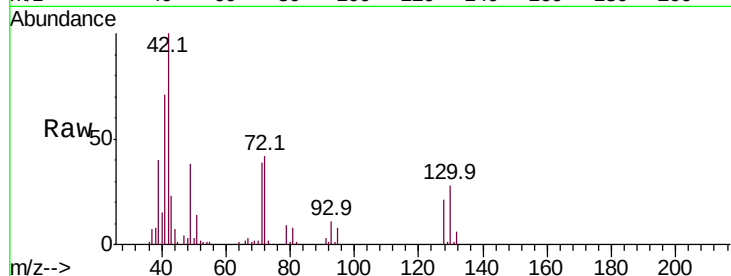




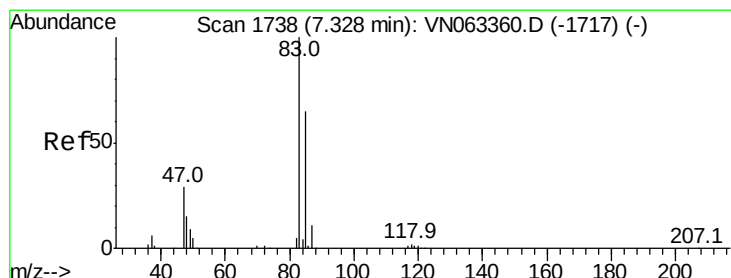
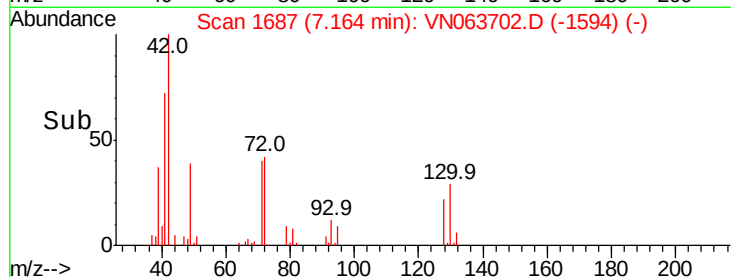
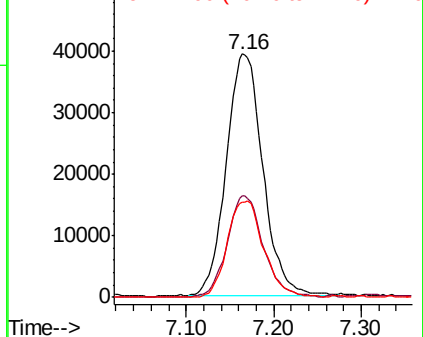
#29
Tetrahydrofuran
Concen: 83.981 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

Tot Ion: 42 Resp: 112955
Ion Ratio Lower Upper
42 100
72 41.5 32.1 48.1
71 40.3 31.2 46.8

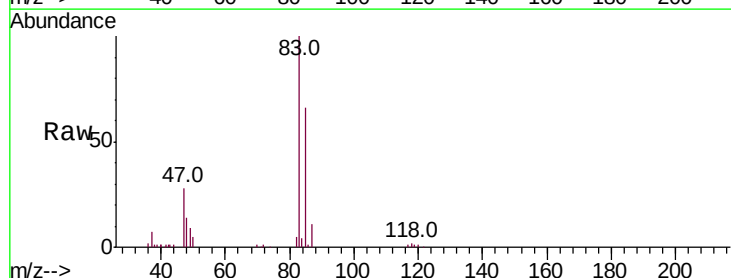


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

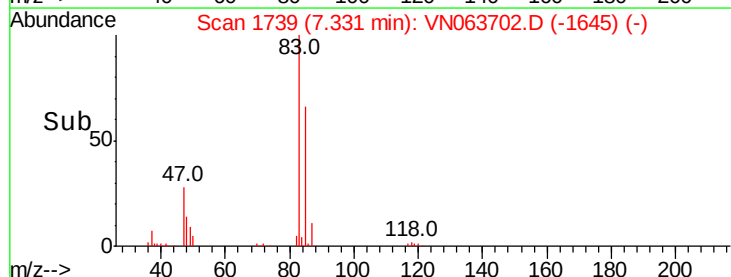
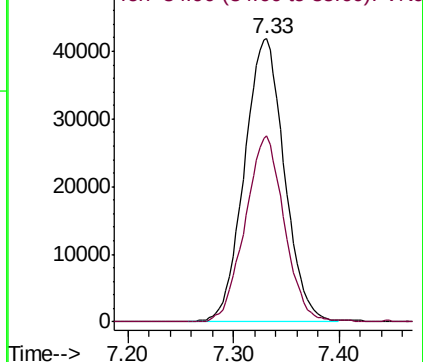


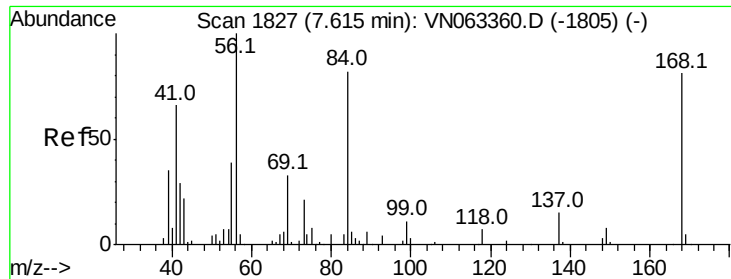
#30
Chloroform
Concen: 18.929 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Tgt Ion: 83 Resp: 110480
Ion Ratio Lower Upper
83 100
85 65.6 52.1 78.1



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

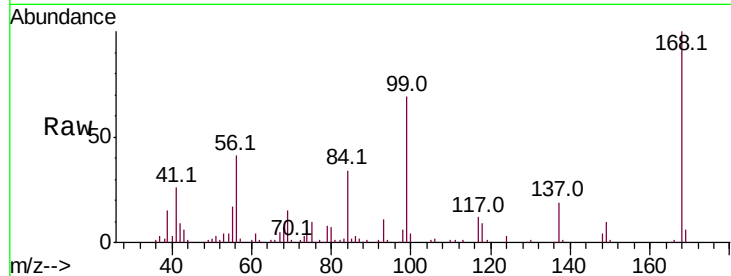




#31
Cyclohexane
Concen: 14.967 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Instrument :
MSVOA_N
ClientSampled :
VN0928WBSD01

Tot Ion	56	Resp	82361
Ion	Ratio	Lower	Upper
56	100		
69	35.5	26.1	39.1
84	80.0	65.4	98.2

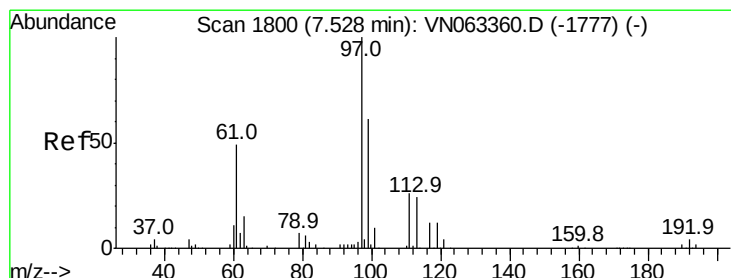
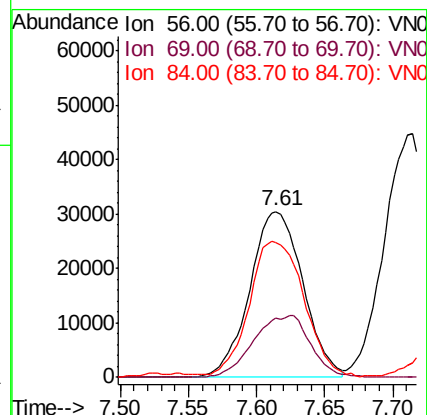
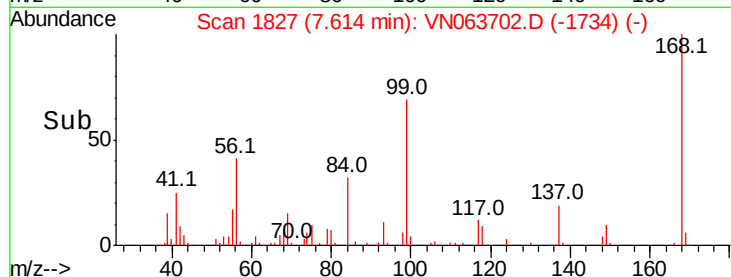


Abundance

Ion 56.00 (55.70 to 56.70): VN0

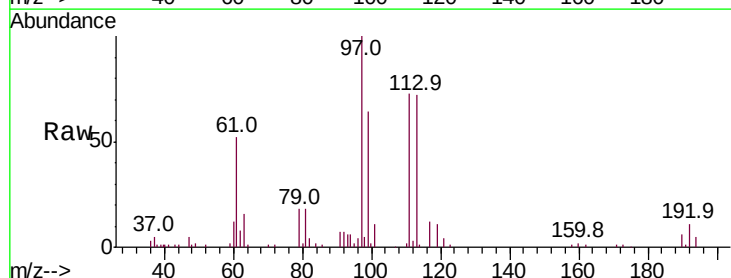
Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32
1,1,1-Trichloroethane
Concen: 17.863 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Tgt Ion	97	Resp	92727
Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.6	76.0
61	50.2	39.2	58.8

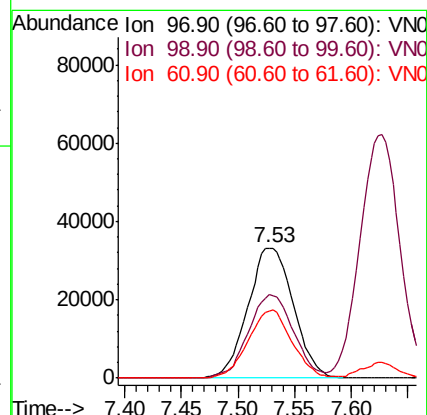
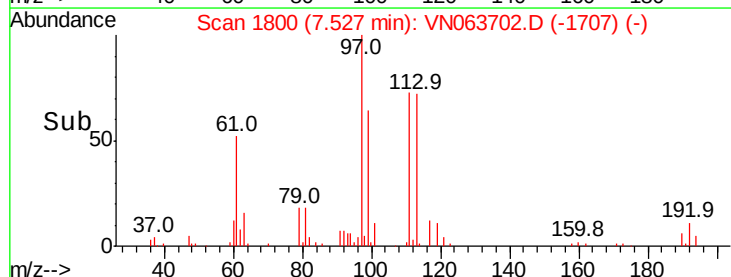


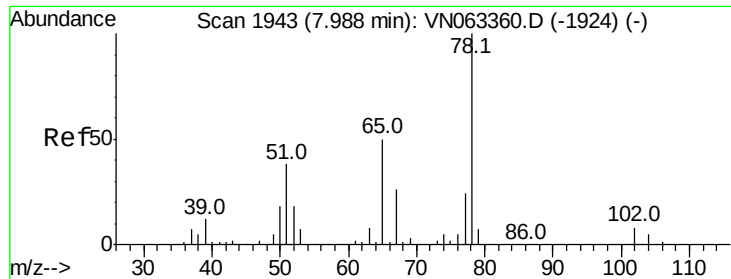
Abundance

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

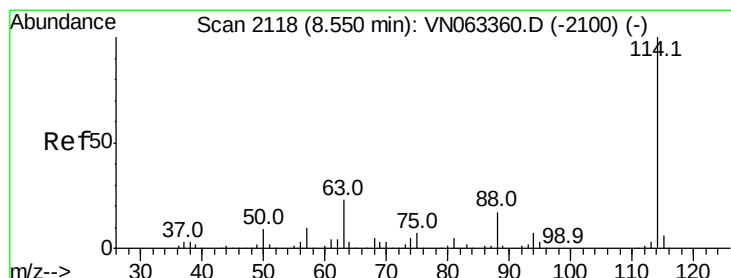
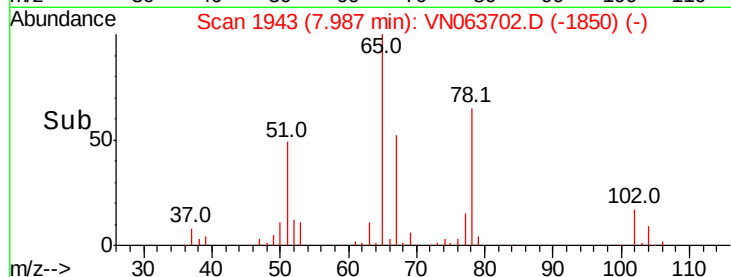
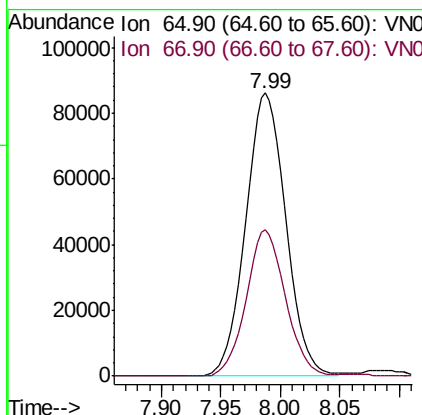
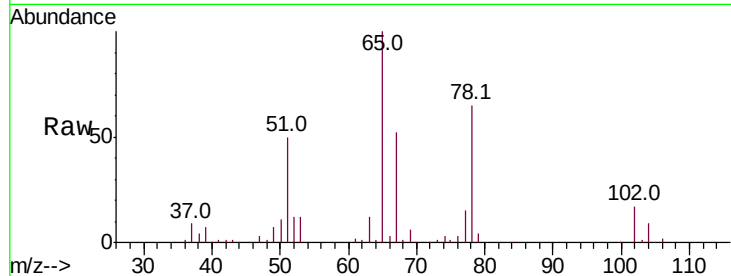




#33
 1,2-Dichloroethane-d4
 Concen: 50.612 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

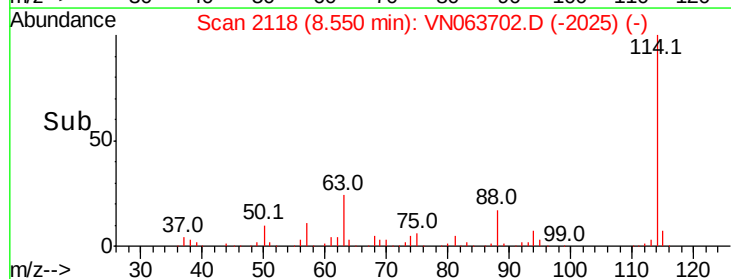
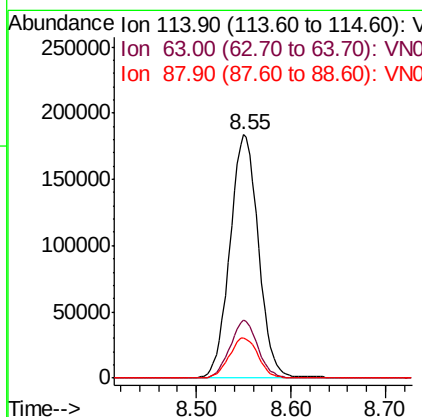
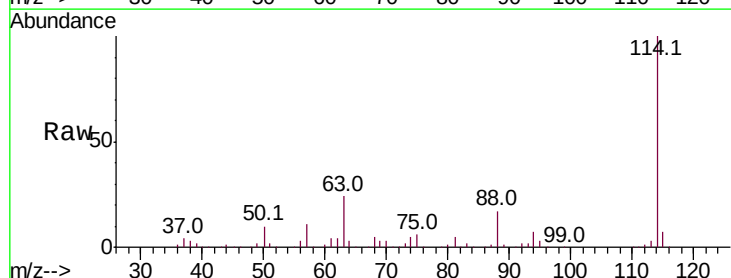
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01

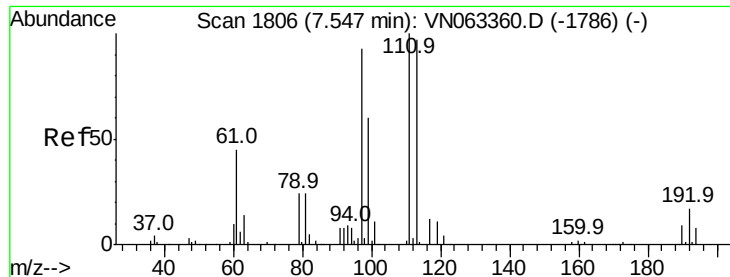
Tot Ion: 65 Resp: 201651
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

Tgt Ion: 114 Resp: 385037
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.4
 88 16.6 0.0 33.2

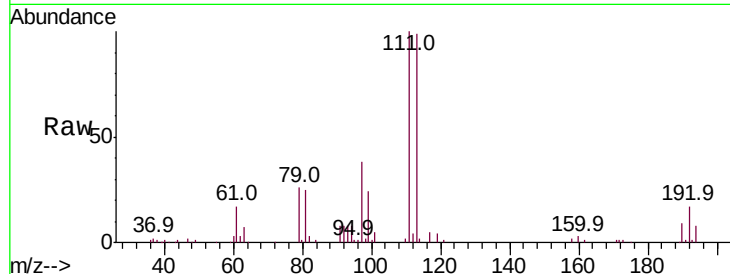




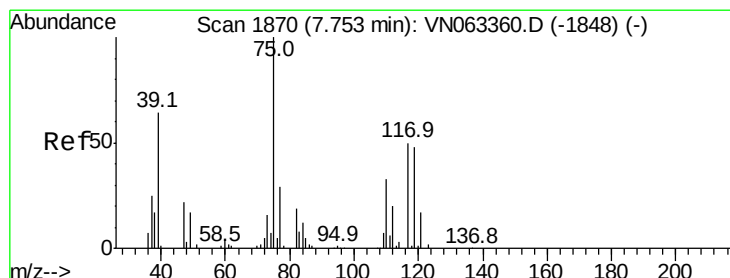
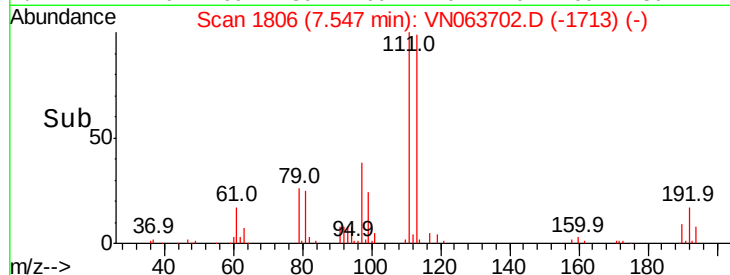
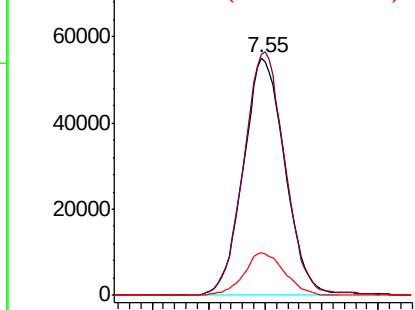
#35
 Dibromofluoromethane
 Concen: 52.515 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	17.5	13.9	20.9

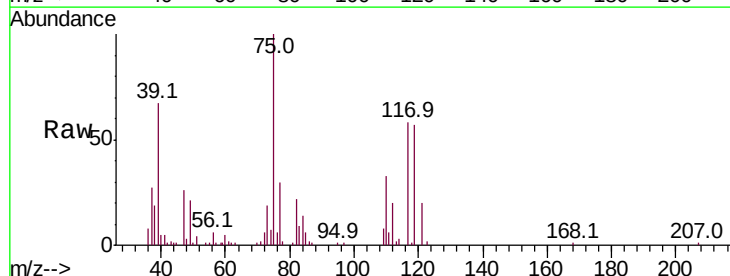


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

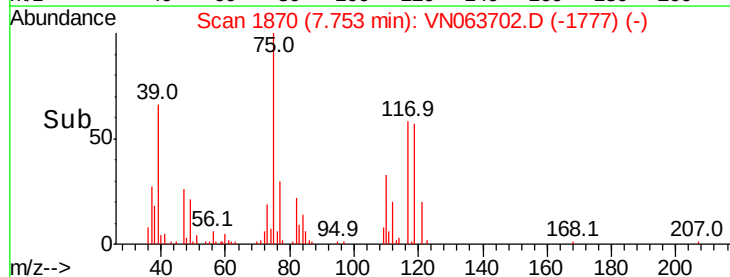
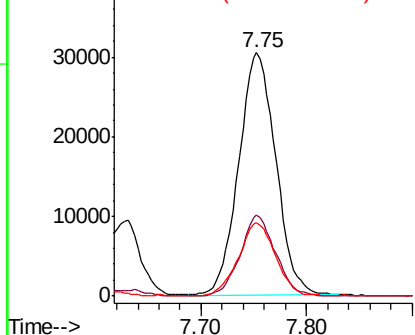


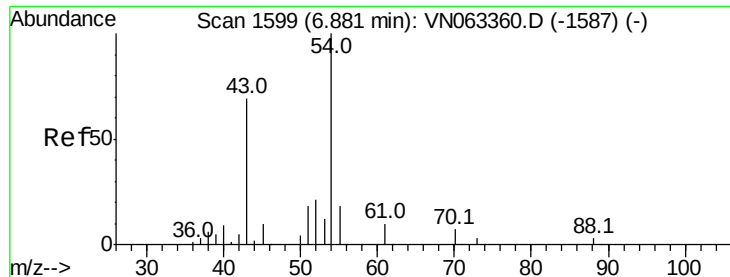
#36
 1,1-Dichloropropene
 Concen: 18.145 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

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



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0





#37

Ethyl Acetate

Concen: 19.192 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampled :

VN0928WBSD01

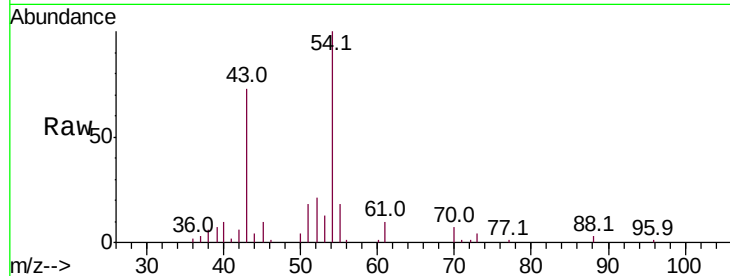
Tot Ion: 43 Resp: 77265

Ion Ratio Lower Upper

43 100

61 12.9 10.6 15.8

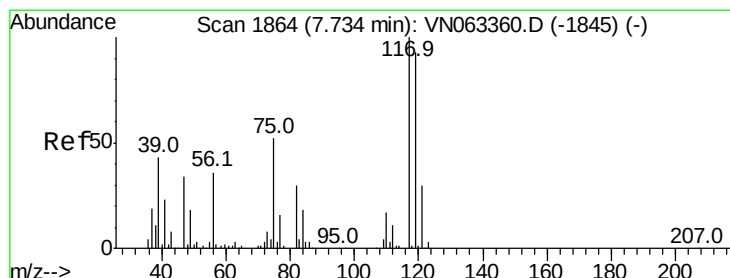
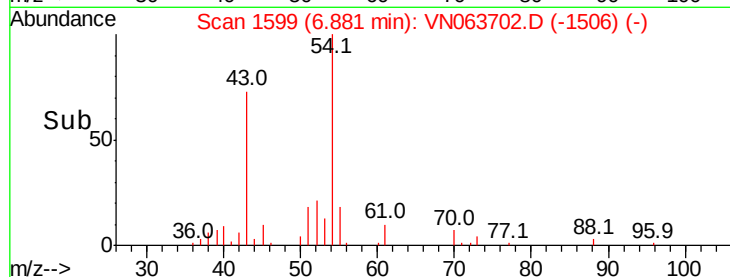
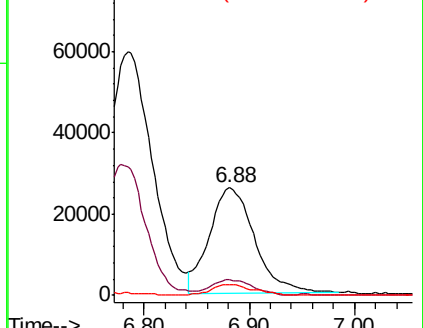
70 9.7 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-1587) (-)

Ion 60.90 (60.60 to 61.60): VN063360.D (-1587) (-)

Ion 70.00 (69.70 to 70.70): VN063360.D (-1587) (-)



#38

Carbon Tetrachloride

Concen: 19.238 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

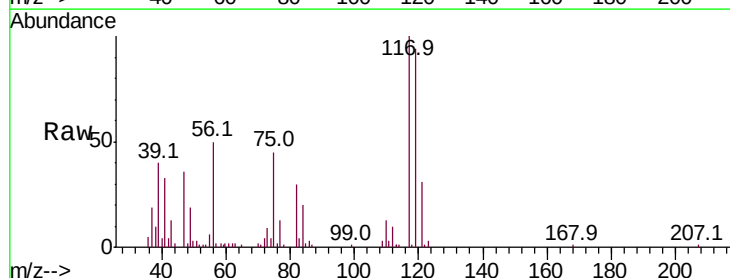
Tgt Ion: 117 Resp: 80555

Ion Ratio Lower Upper

117 100

119 95.0 74.5 111.7

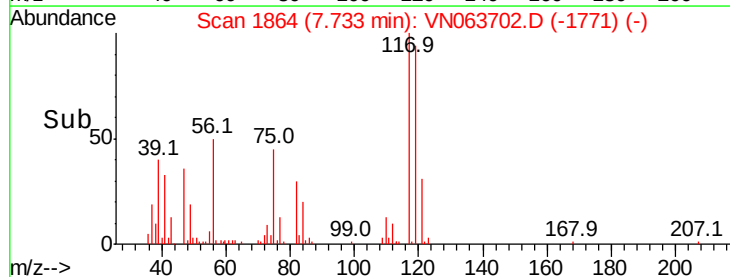
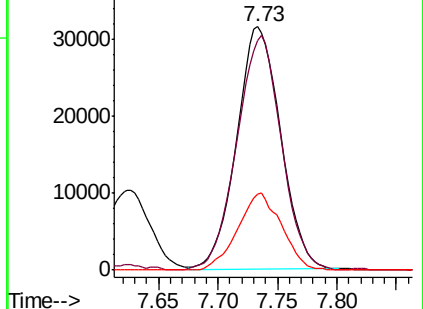
121 31.4 24.1 36.1

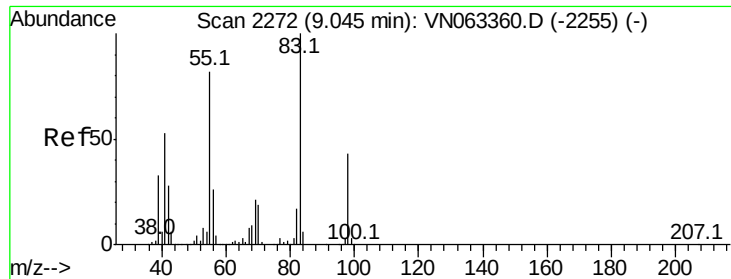


Abundance Ion 116.80 (116.50 to 117.50): VN063360.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN063360.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN063360.D (-1845) (-)

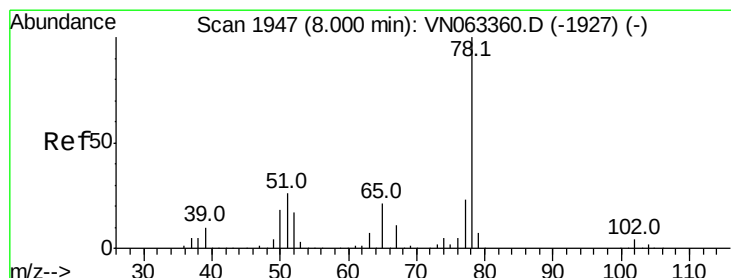
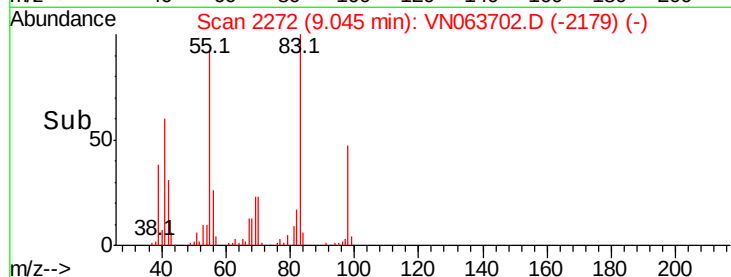
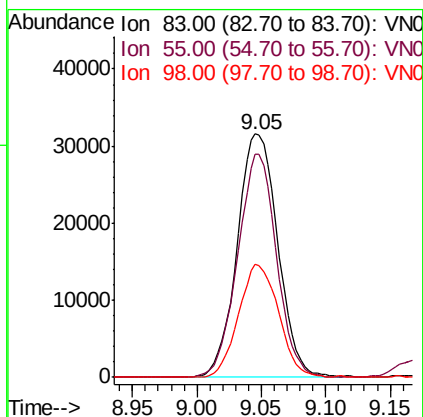
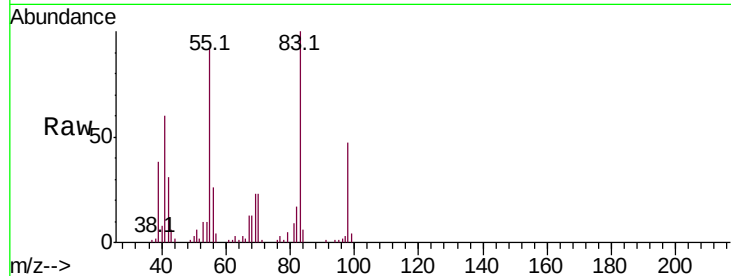




#39
Methylvlcyclohexane
Concen: 15.566 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

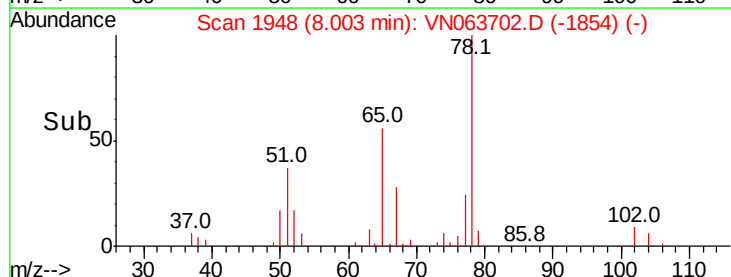
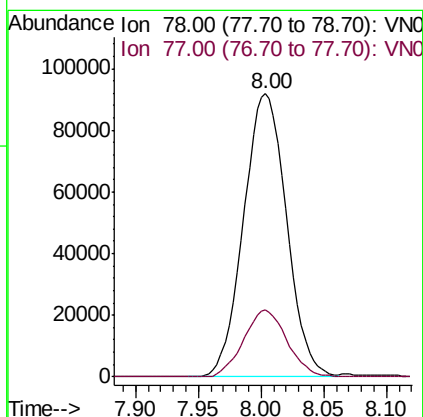
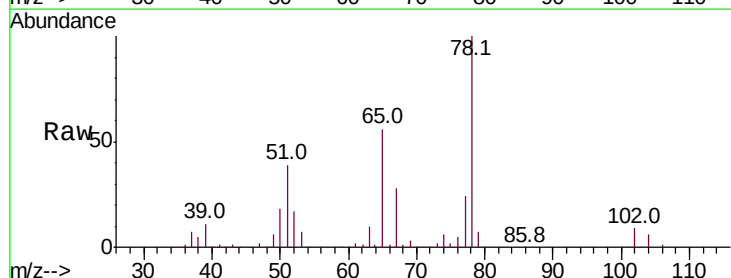
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

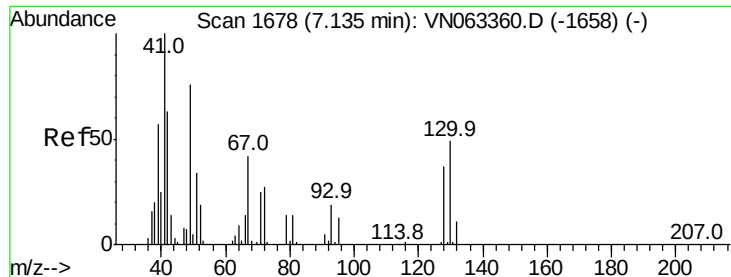
Tot Ion	83	Resp	69298
Ion Ratio	100		
Lower	65.5		
Upper	98.3		
83	100		
55	91.9	65.5	98.3
98	46.5	34.2	51.4



#40
Benzene
Concen: 18.771 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Tgt Ion	78	Resp	219805
Ion Ratio	100		
Lower	18.3		
Upper	27.5		
78	100		
77	23.9	18.3	27.5

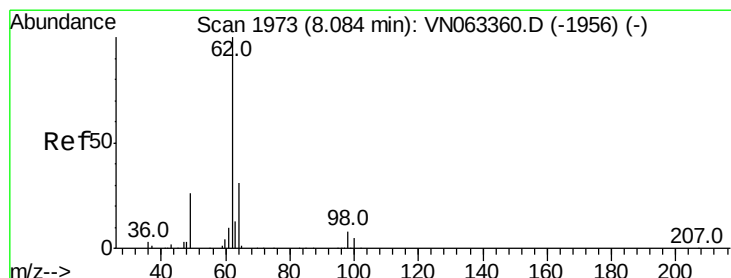
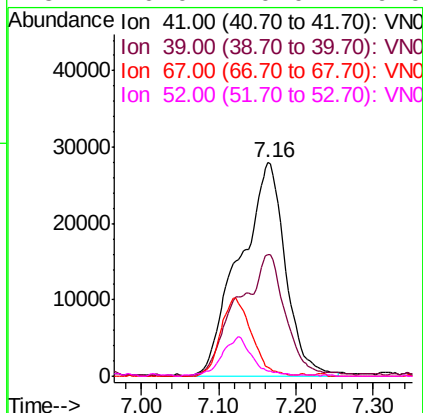
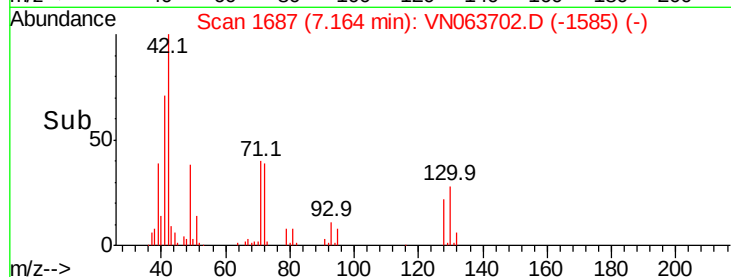
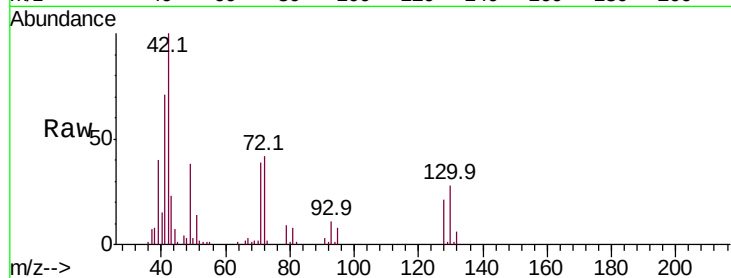




#41
Methacrylonitrile
Concen: 63.792 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.03 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

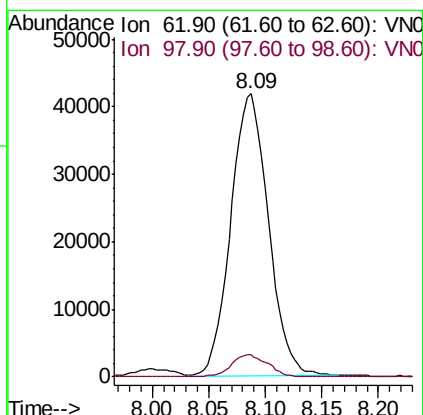
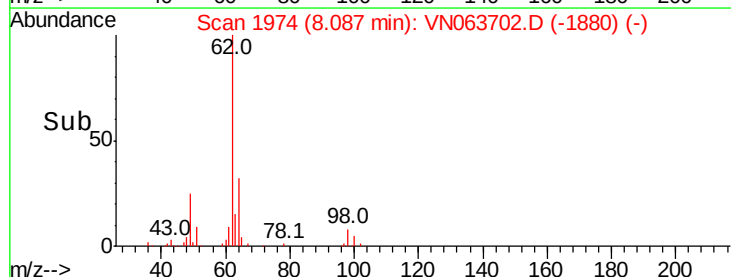
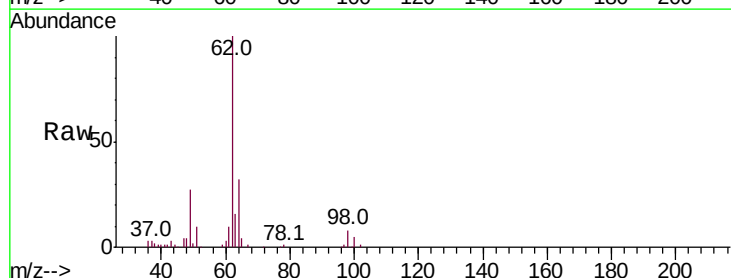
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

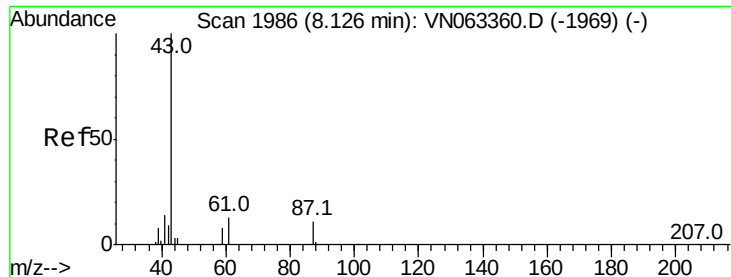
Tot Ion:	41	Resp:	115510
Ion	Ratio	Lower	Upper
41	100		
39	60.2	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.640 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Tgt Ion:	62	Resp:	97194
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.6





#43

Isopropyl Acetate

Concen: 18.530 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

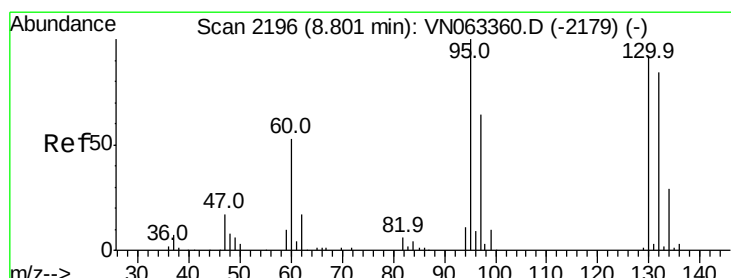
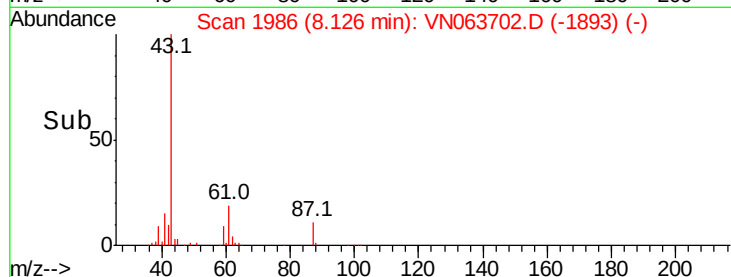
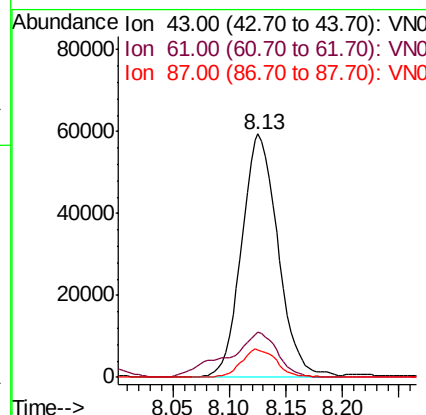
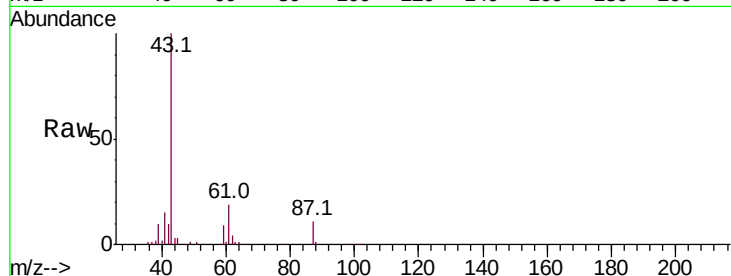
MSVOA_N

ClientSampleId :

VN0928WBSD01

Tot Ion: 43 Resp: 133395

Ion	Ratio	Lower	Upper
43	100		
61	25.5	14.2	21.2#
87	11.3	9.0	13.6



#44

Trichloroethene

Concen: 19.515 ug/l

RT: 8.80 min Scan# 2196

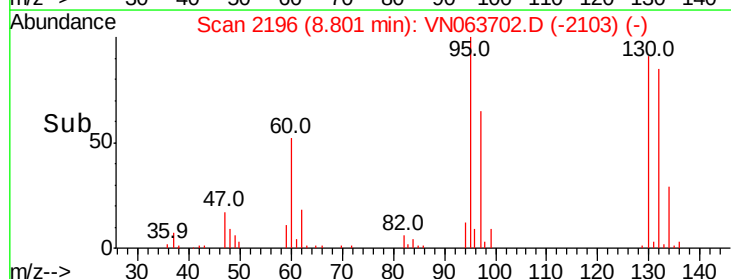
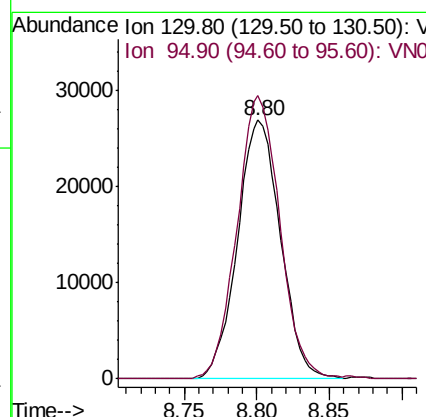
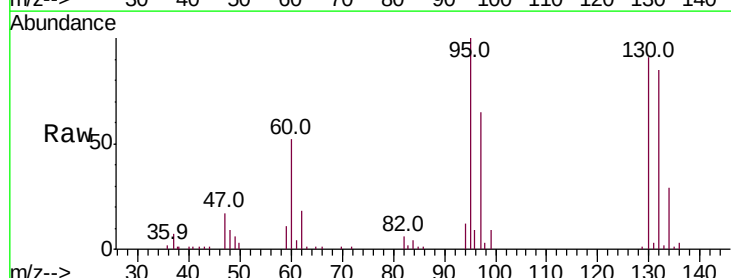
Delta R.T. -0.00 min

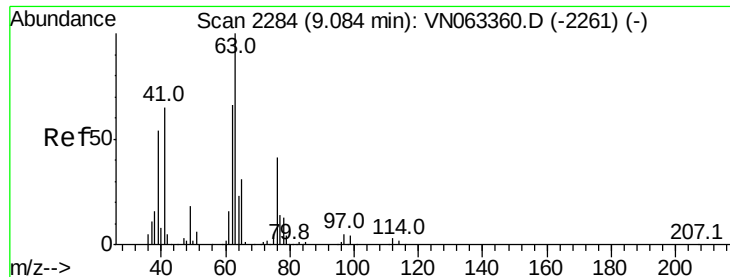
Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Tgt Ion:130 Resp: 55427

Ion	Ratio	Lower	Upper
130	100		
95	109.5	0.0	217.4





#45

1,2-Dichloropropane

Concen: 19.659 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

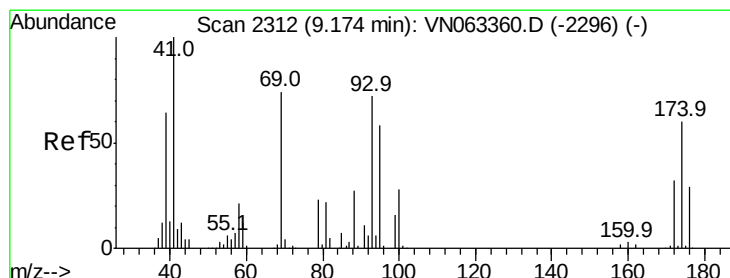
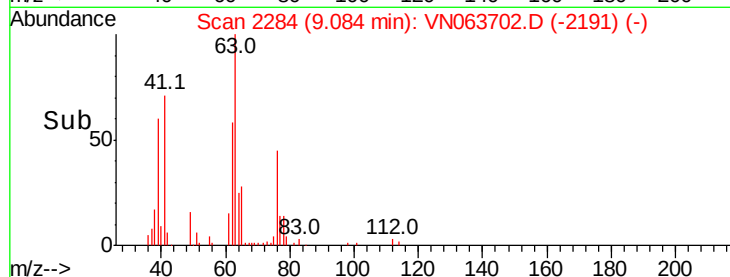
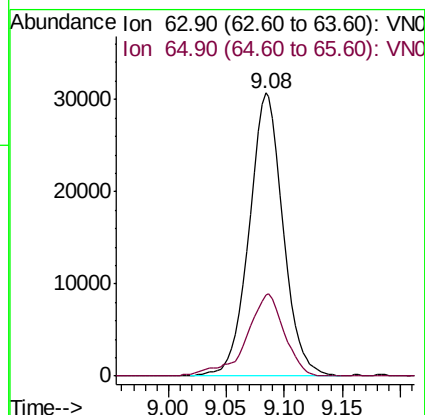
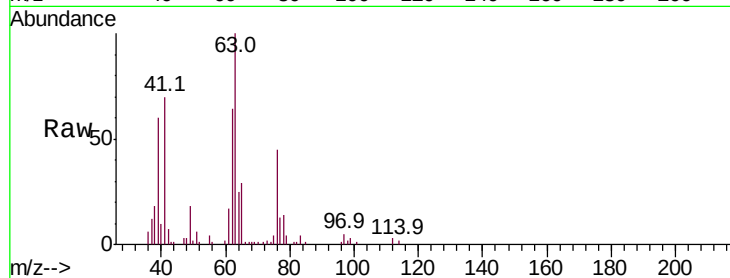
VN0928WBSD01

Tot Ion: 63 Resp: 62698

Ion Ratio Lower Upper

63 100

65 28.7 25.0 37.6



#46

Dibromomethane

Concen: 20.225 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

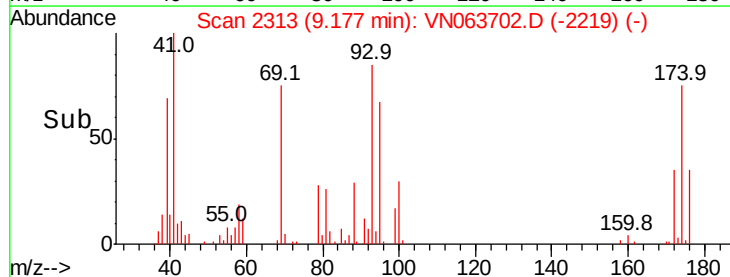
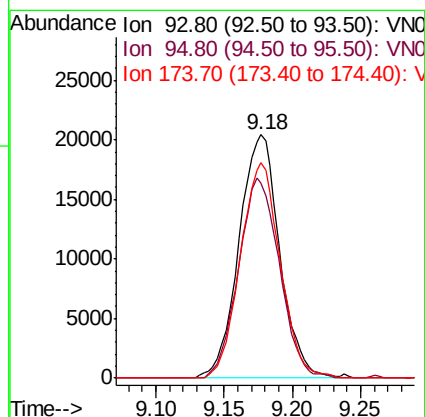
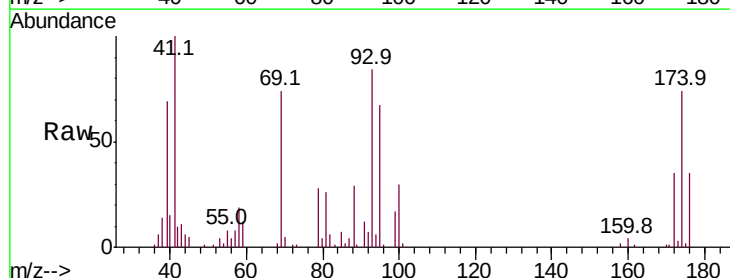
Tgt Ion: 93 Resp: 42394

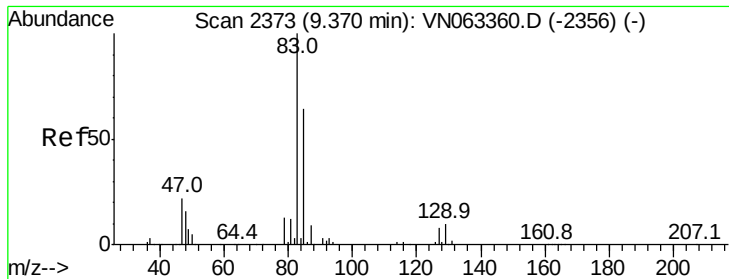
Ion Ratio Lower Upper

93 100

95 82.2 65.6 98.4

174 86.5 68.1 102.1





#47

Bromodichloromethane

Concen: 20.069 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

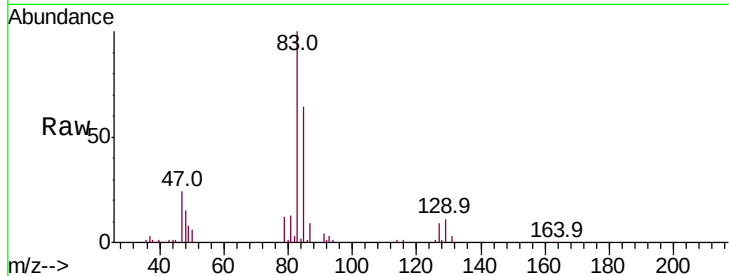
Tot Ion: 83 Resp: 87396

Ion Ratio Lower Upper

83 100

85 64.2 51.0 76.6

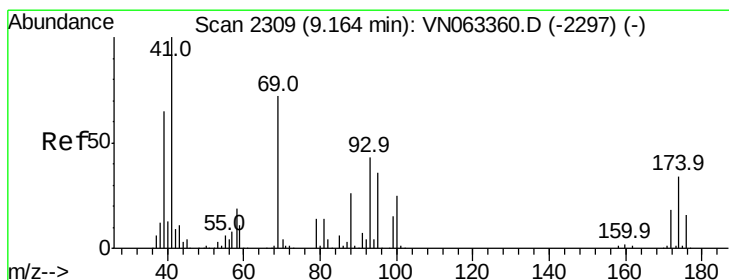
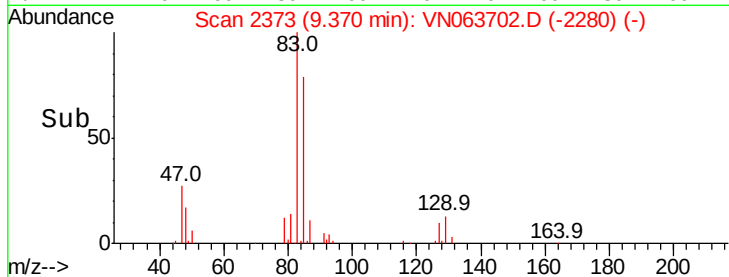
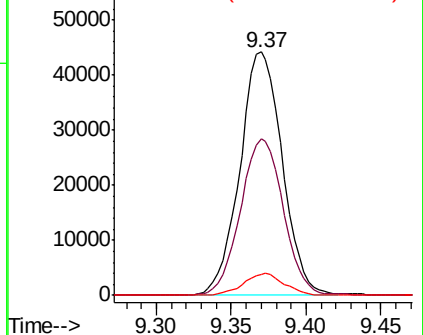
127 8.5 6.3 9.5



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: 18.060 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

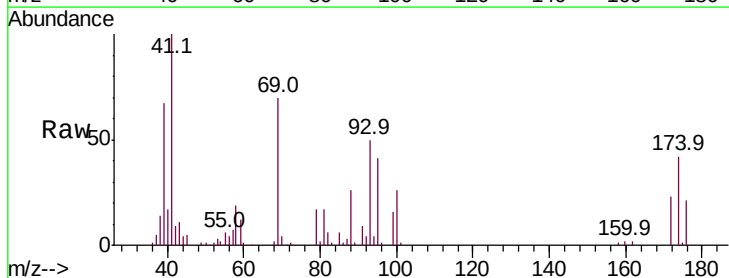
Tgt Ion: 41 Resp: 63874

Ion Ratio Lower Upper

41 100

69 74.0 59.3 88.9

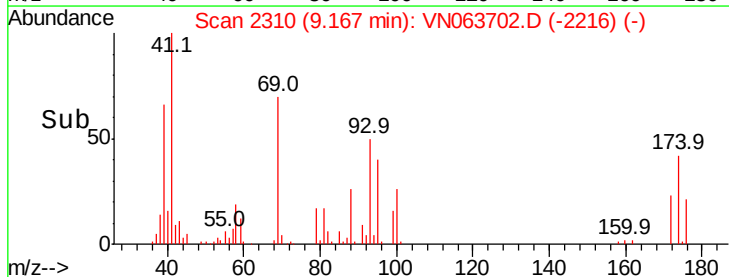
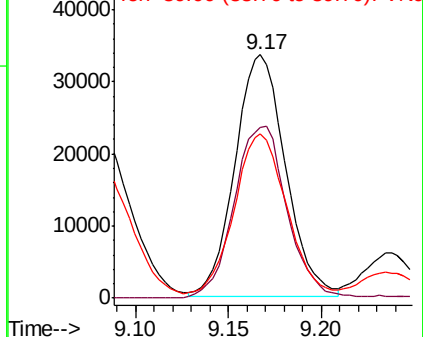
39 69.9 52.9 79.3

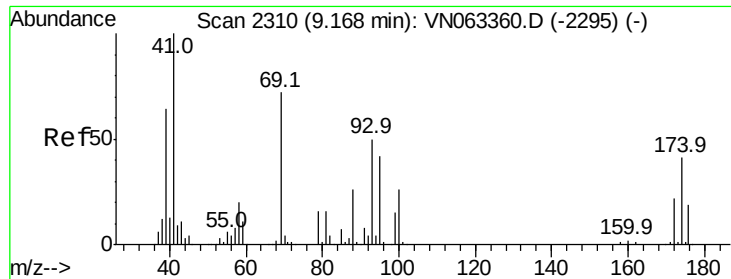


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

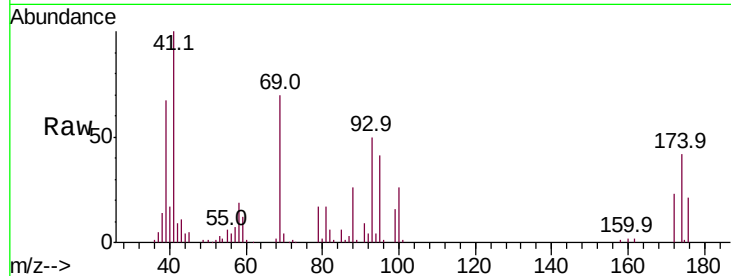




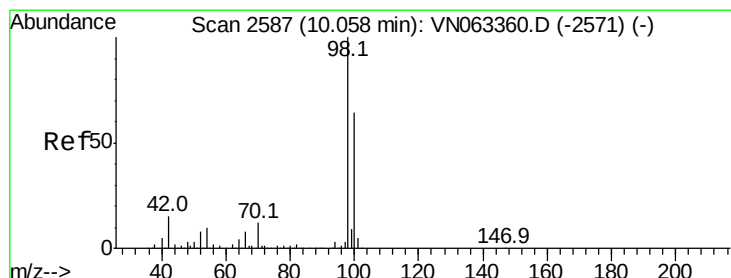
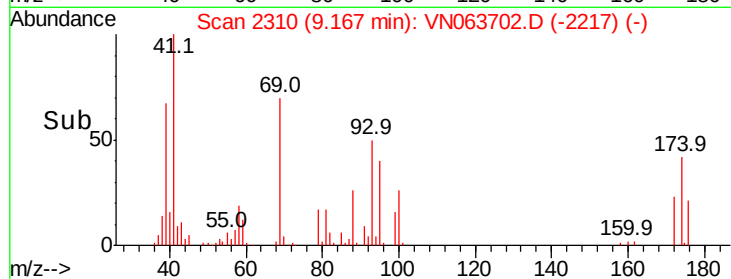
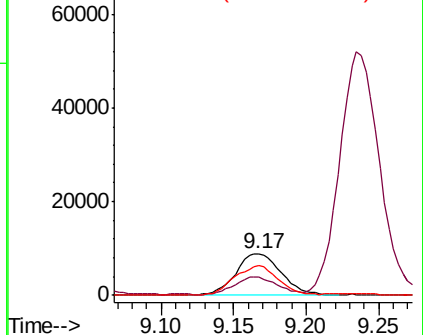
#49
 1,4-Dioxane
 Concen: 385.691 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01

Tot Ion: 88 Resp: 19576
 Ion Ratio Lower Upper
 88 100
 43 38.5 32.6 49.0
 58 69.1 60.0 90.0

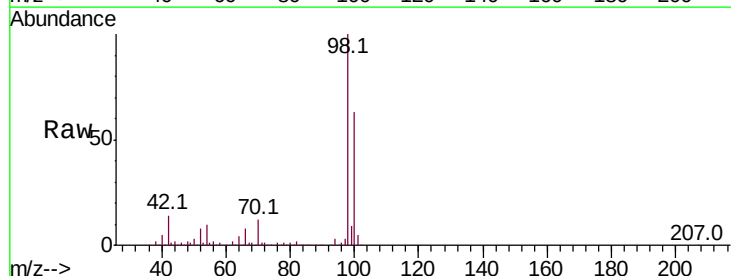


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

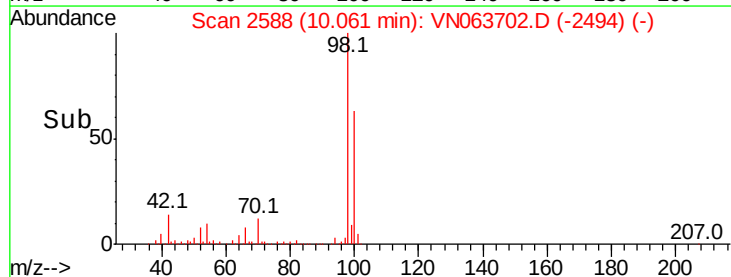
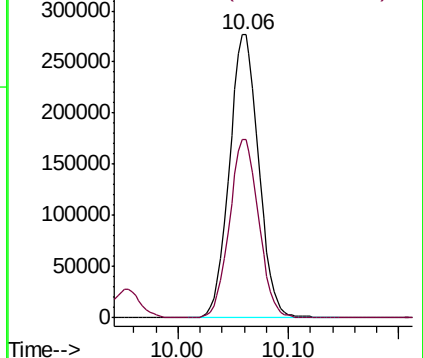


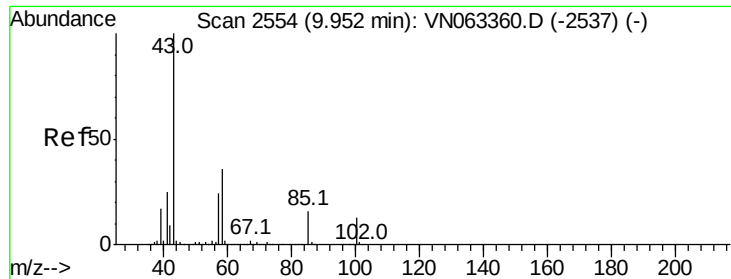
#50
 Toluene-d8
 Concen: 50.848 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

Tgt Ion: 98 Resp: 509641
 Ion Ratio Lower Upper
 98 100
 100 62.6 50.7 76.1



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

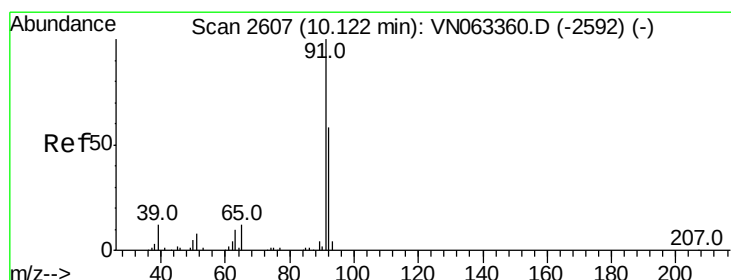
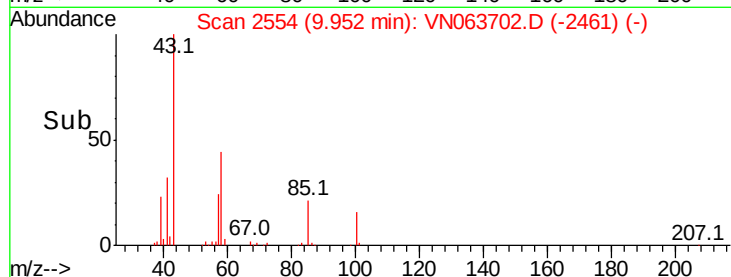
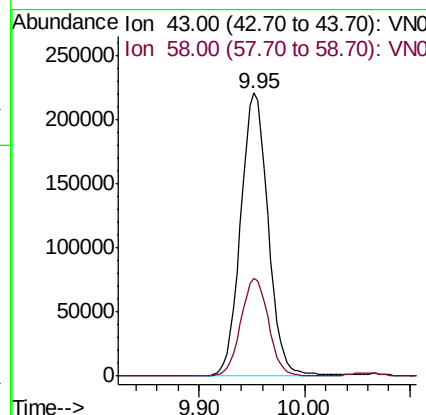
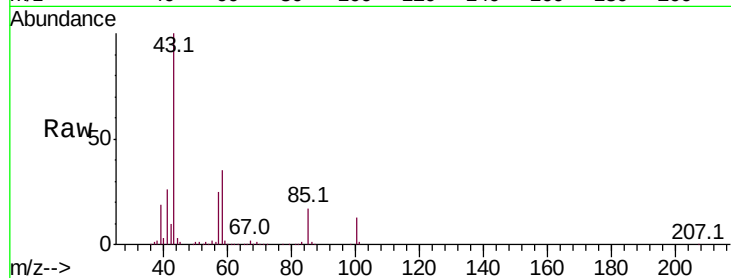




#51
 4-Methyl-2-Pentanone
 Concen: 99.138 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

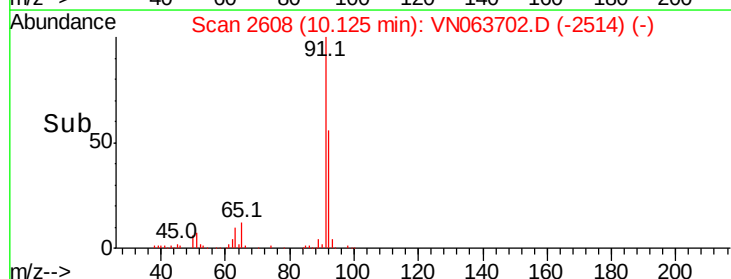
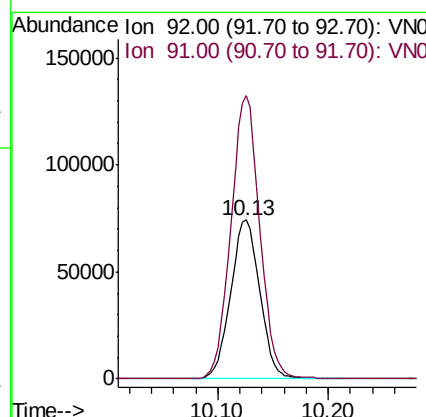
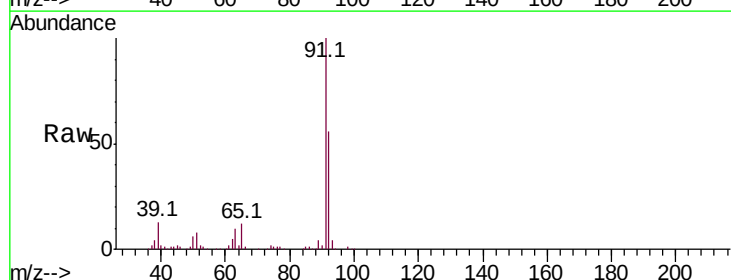
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0928WBSD01

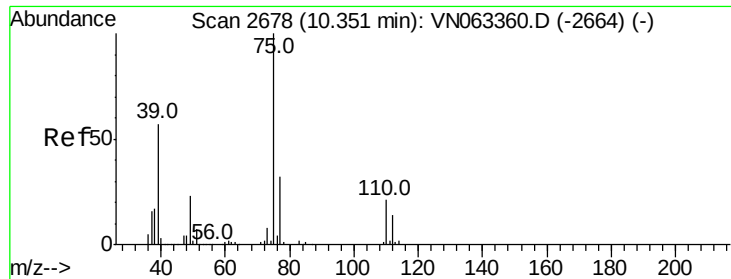
Tot Ion: 43 Resp: 399543
 Ion Ratio Lower Upper
 43 100
 58 34.9 29.0 43.6



#52
 Toluene
 Concen: 19.365 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

Tgt Ion: 92 Resp: 136333
 Ion Ratio Lower Upper
 92 100
 91 175.3 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 18.676 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

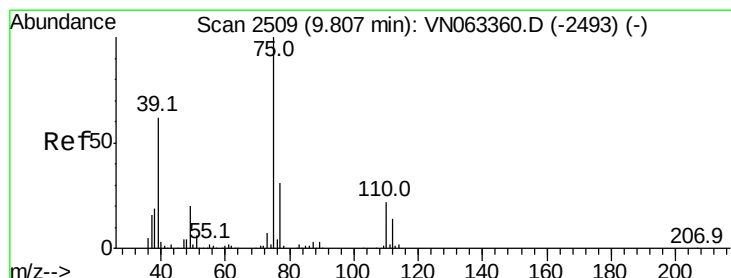
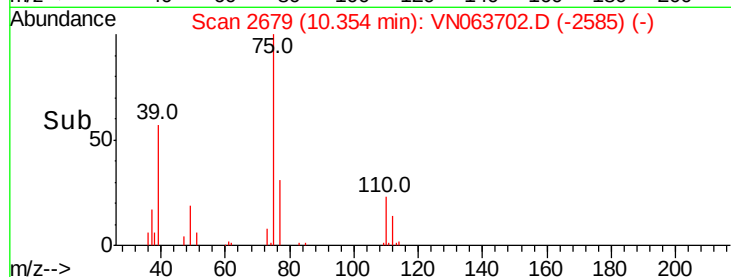
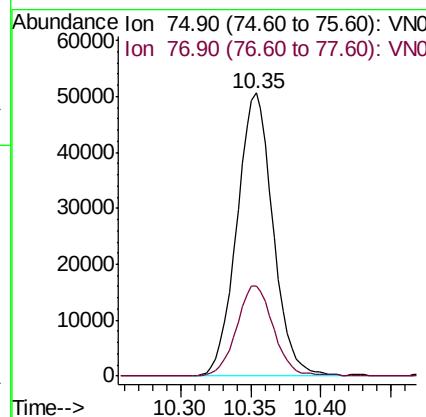
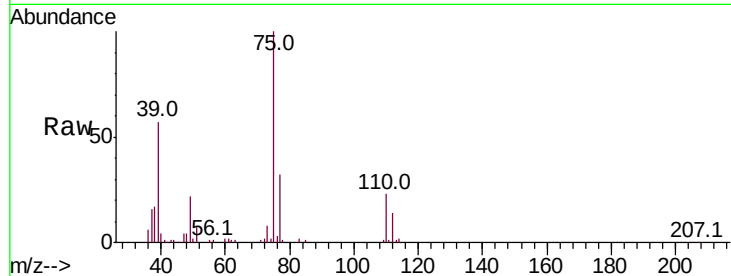
VN0928WBSD01

Tot Ion: 75 Resp: 90795

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.969 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

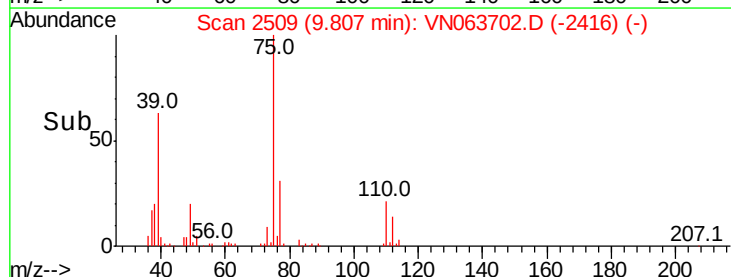
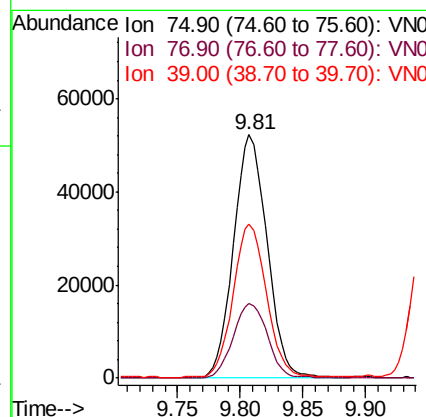
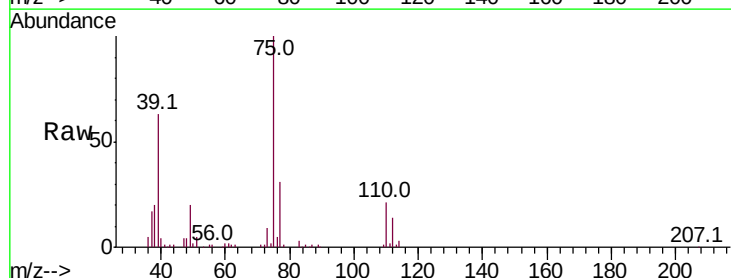
Tgt Ion: 75 Resp: 97270

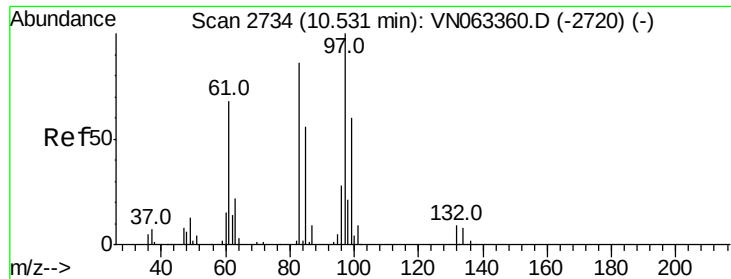
Ion Ratio Lower Upper

75 100

77 30.7 24.6 37.0

39 62.8 49.8 74.8

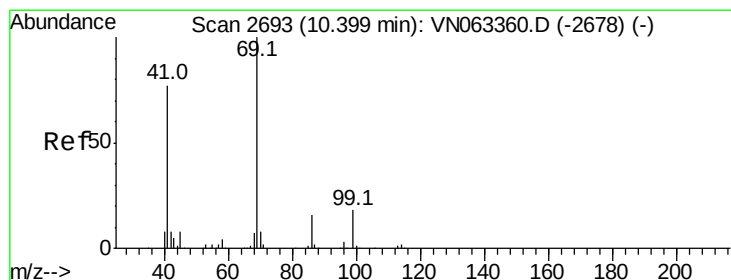
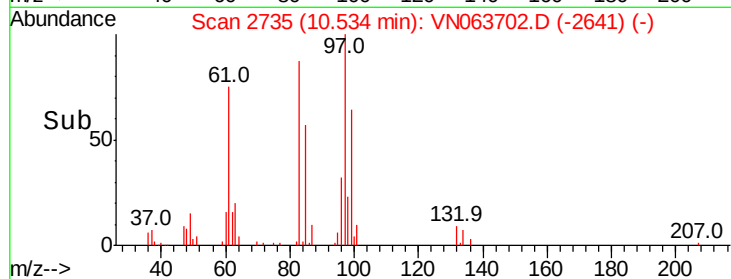
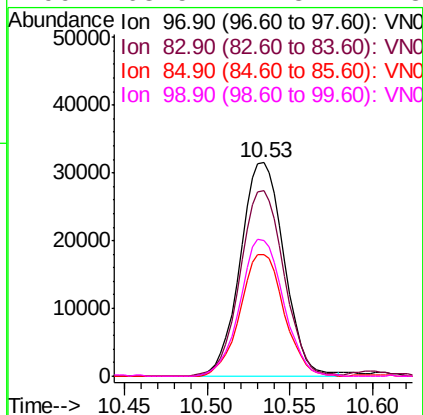
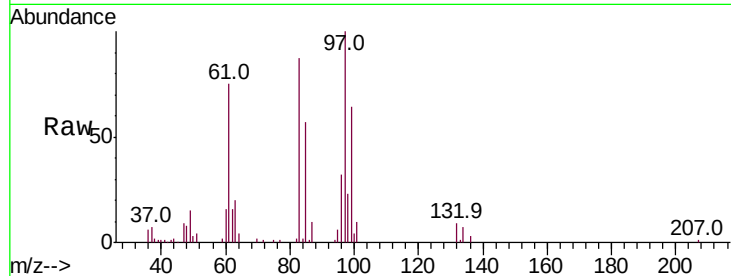




#55
 1,1,2-Trichloroethane
 Concen: 20.700 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

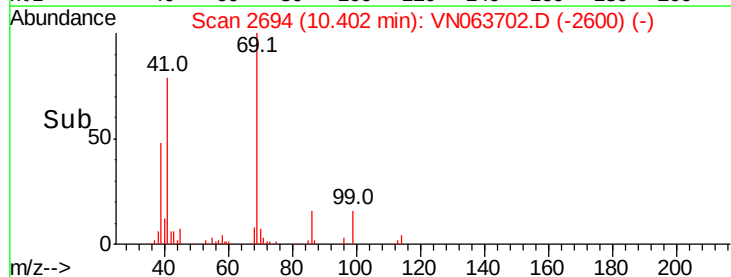
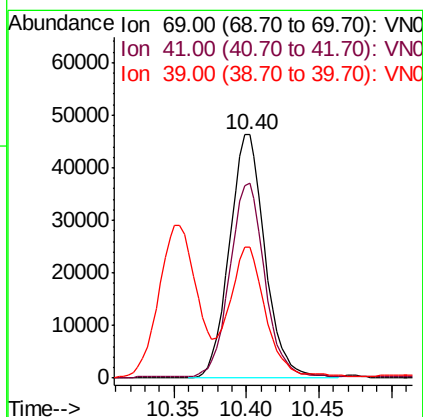
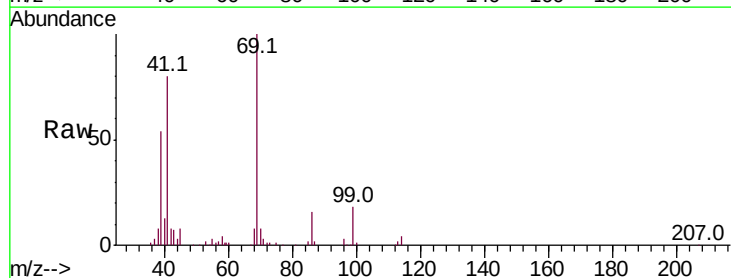
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01

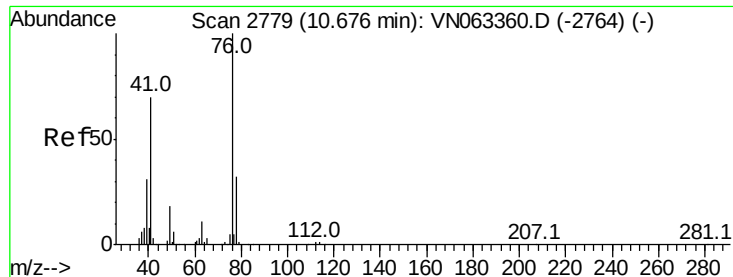
Tot Ion:	97	Resp:	57887
Ion	Ratio	Lower	Upper
97	100		
83	86.7	68.9	103.3
85	57.2	44.8	67.2
99	63.5	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 18.045 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

Tgt Ion:	69	Resp:	78778
Ion	Ratio	Lower	Upper
69	100		
41	77.8	61.0	91.6
39	52.0	39.2	58.8





#57

1,3-Dichloropropane

Concen: 19.563 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

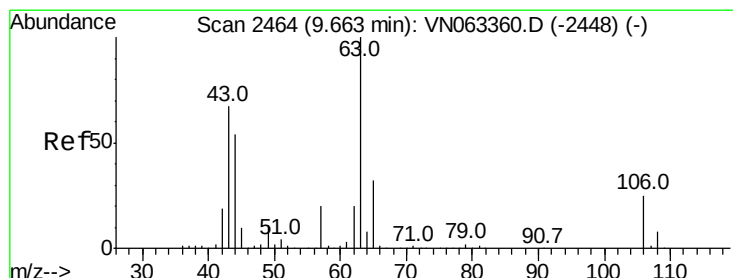
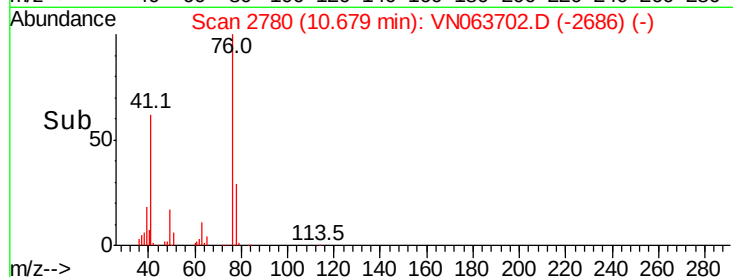
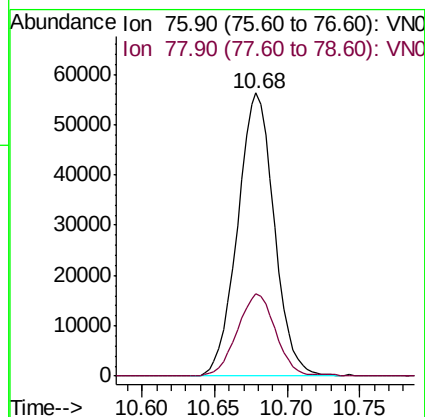
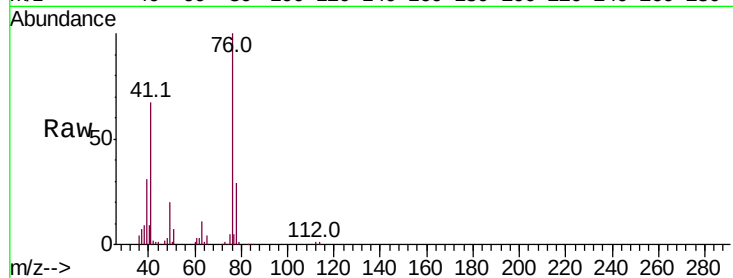
VN0928WBSD01

Tot Ion: 76 Resp: 98657

Ion Ratio Lower Upper

76 100

78 30.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 87.343 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN063702.D

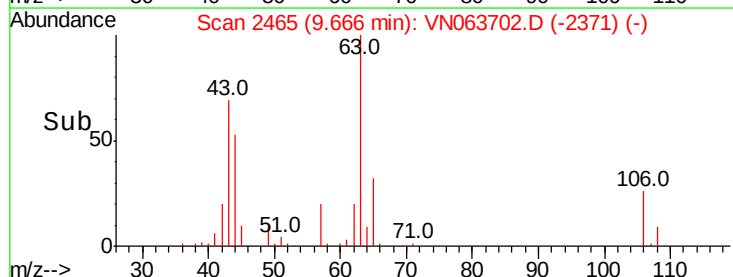
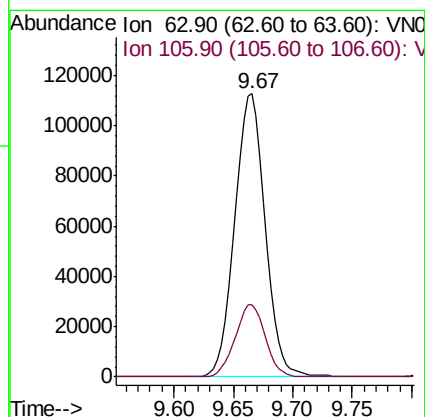
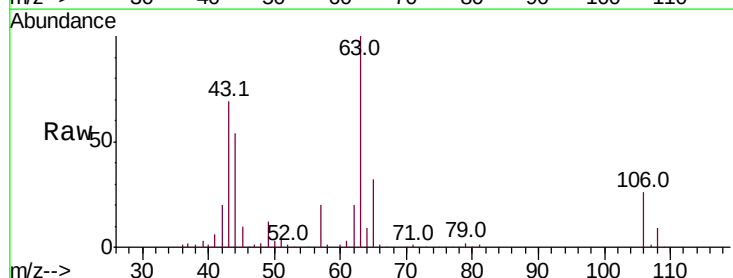
Acq: 28 Sep 2020 13:57

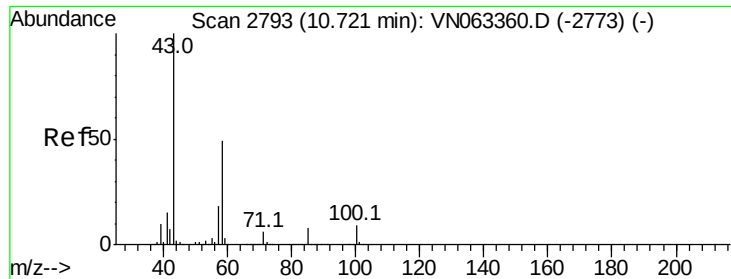
Tgt Ion: 63 Resp: 200024

Ion Ratio Lower Upper

63 100

106 25.3 19.5 29.3

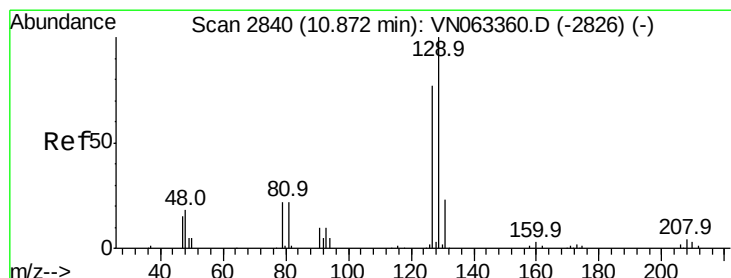
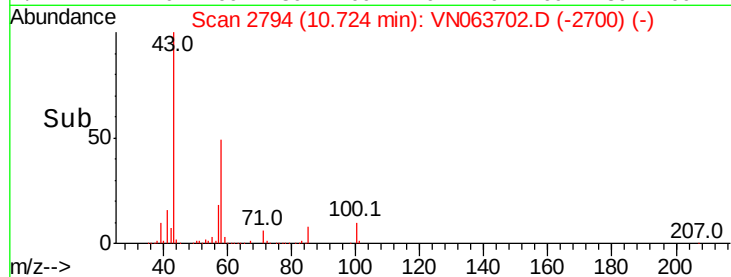
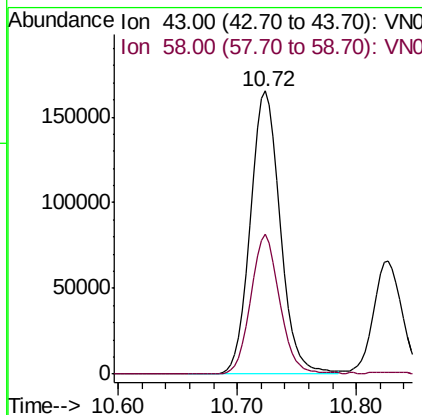
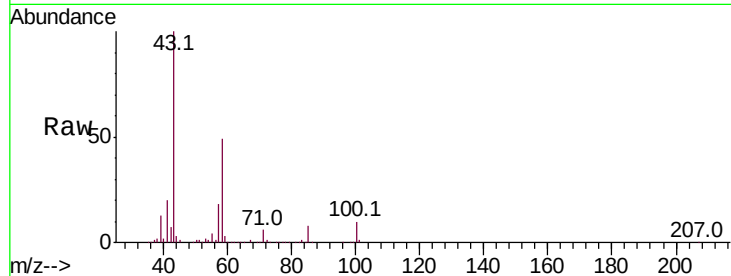




#59
2-Hexanone
Concen: 98.081 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

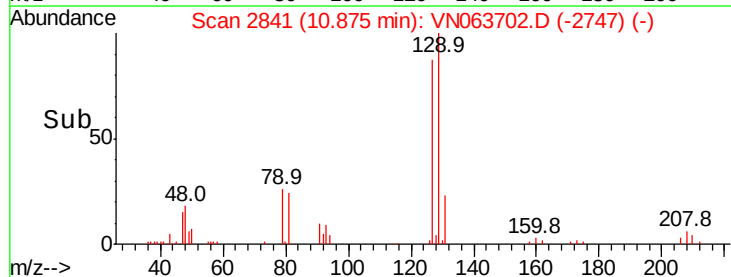
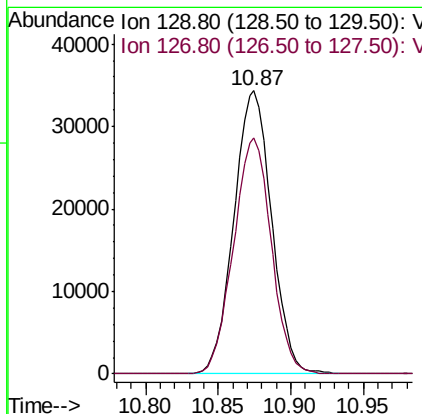
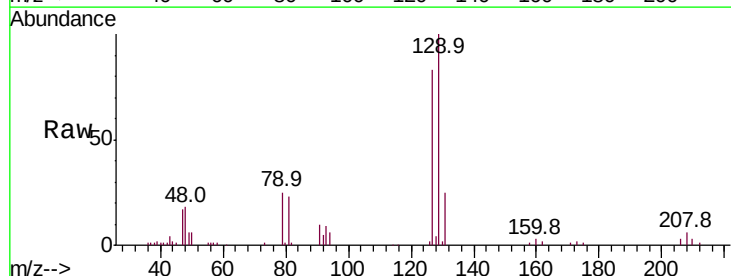
Instrument :
MSVOA_N
ClientSampled :
VN0928WBSD01

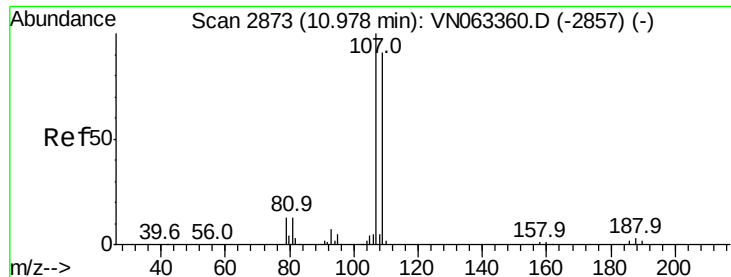
Tot Ion: 43 Resp: 286370
Ion Ratio Lower Upper
43 100
58 48.1 24.7 74.1



#60
Dibromochloromethane
Concen: 19.643 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Tgt Ion: 129 Resp: 62057
Ion Ratio Lower Upper
129 100
127 83.2 39.1 117.3

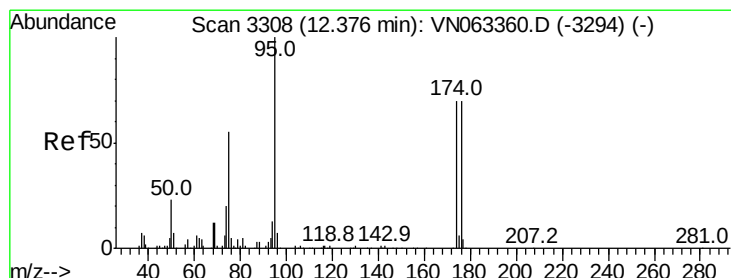
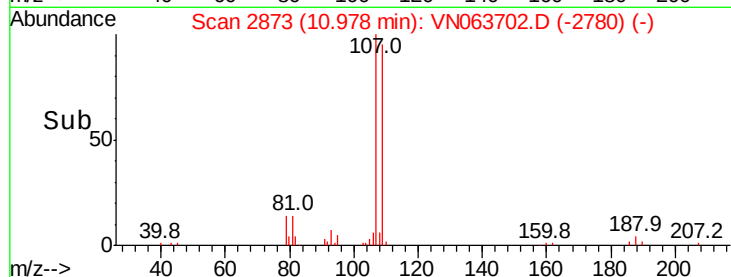
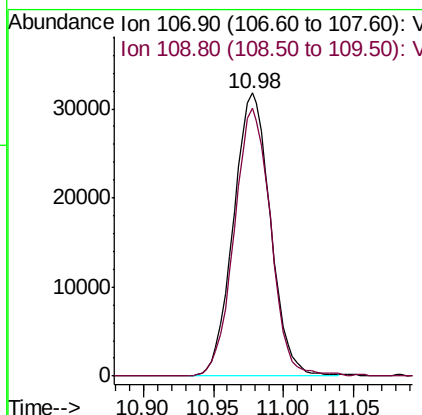
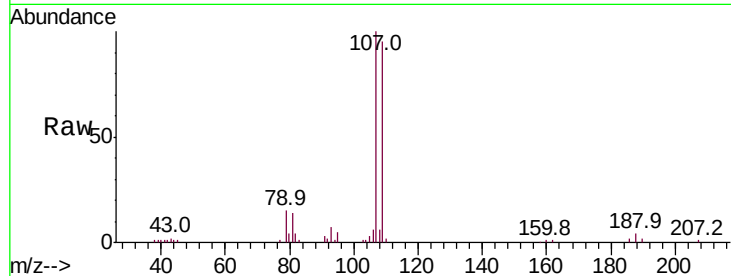




#61
 1,2-Dibromoethane
 Concen: 20.125 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

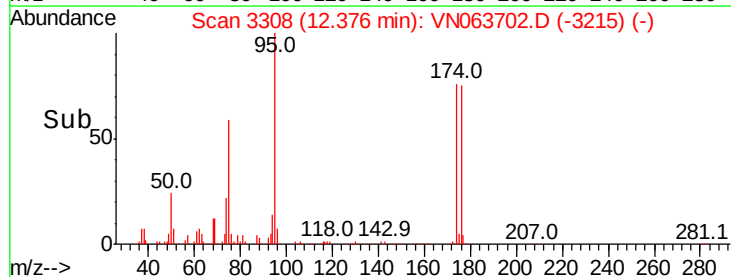
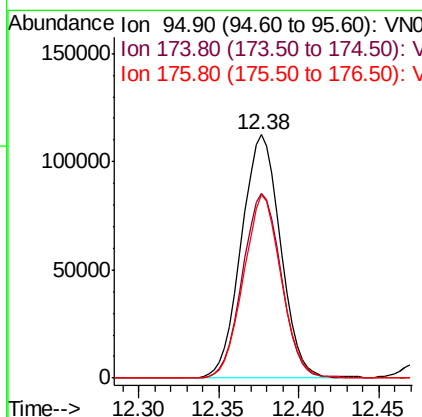
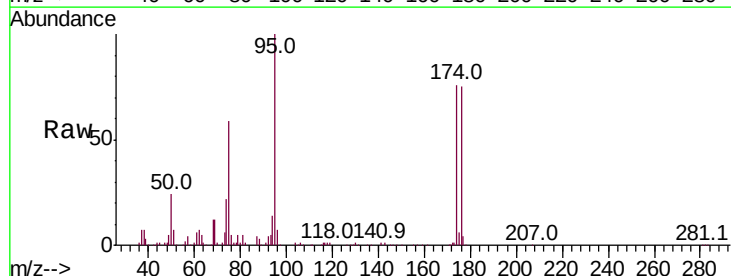
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01

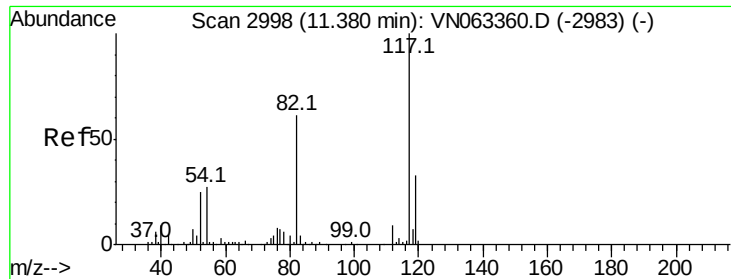
Tot Ion:107 Resp: 58469
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 51.257 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

Tgt Ion: 95 Resp: 188328
 Ion Ratio Lower Upper
 95 100
 174 75.0 0.0 140.8
 176 72.9 0.0 137.6

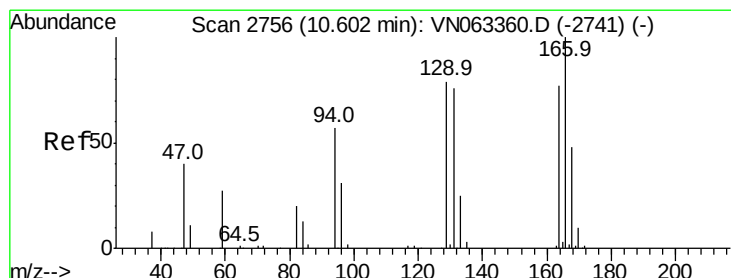
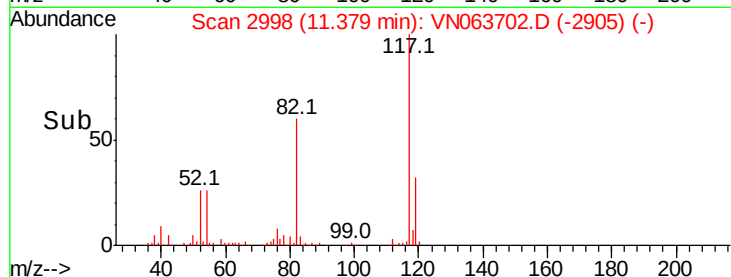
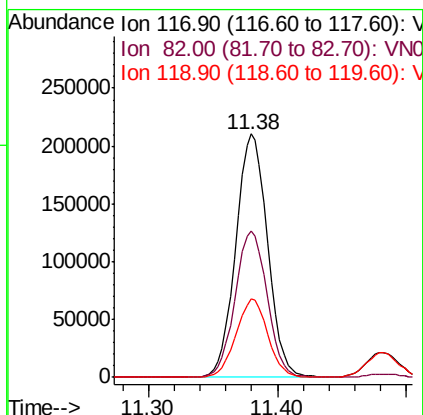
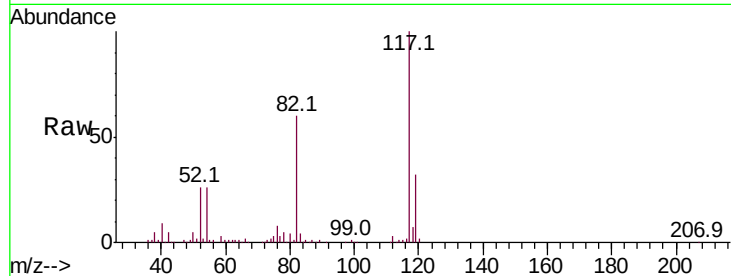




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

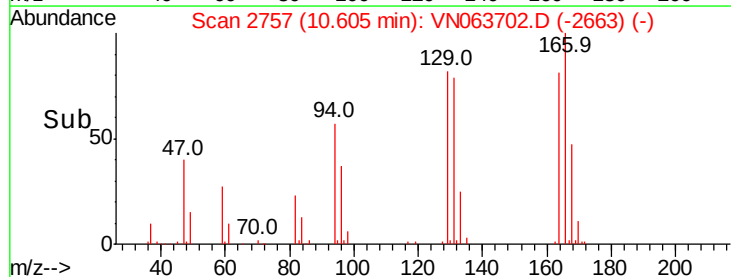
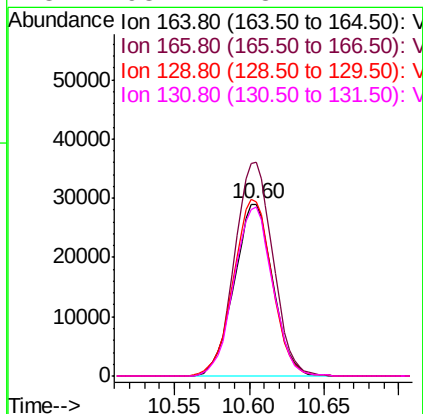
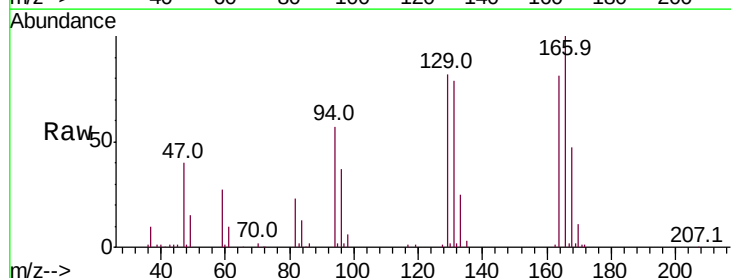
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

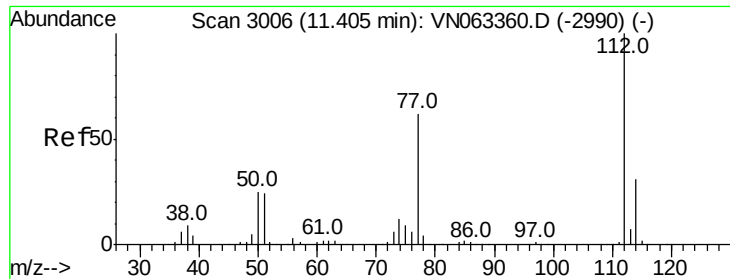
Tot Ion:117 Resp: 360939
Ion Ratio Lower Upper
117 100
82 60.2 49.2 73.8
119 32.3 26.2 39.4



#64
Tetrachloroethene
Concen: 21.176 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Tgt Ion:164 Resp: 52044
Ion Ratio Lower Upper
164 100
166 124.1 103.4 155.0
129 101.5 81.8 122.6
131 98.2 78.2 117.4

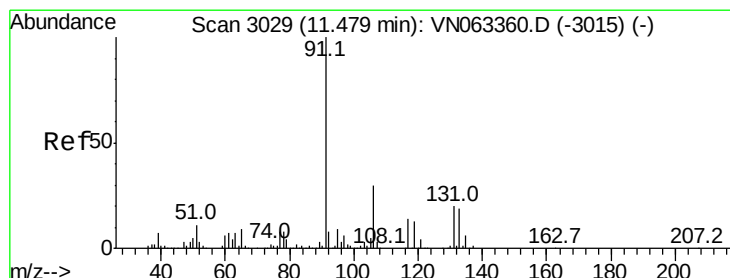
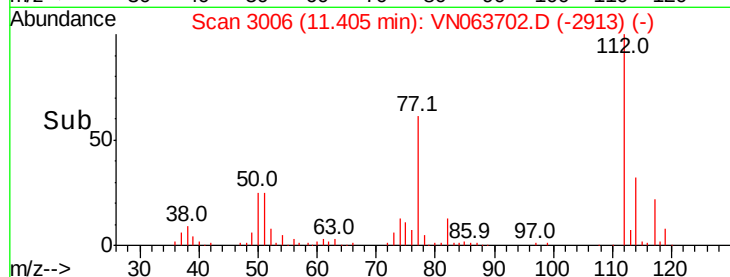
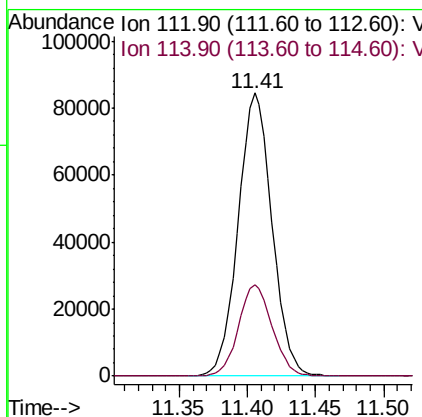
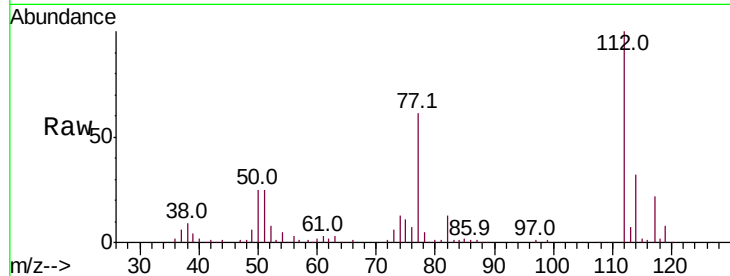




#65
Chlorobenzene
Concen: 18.992 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

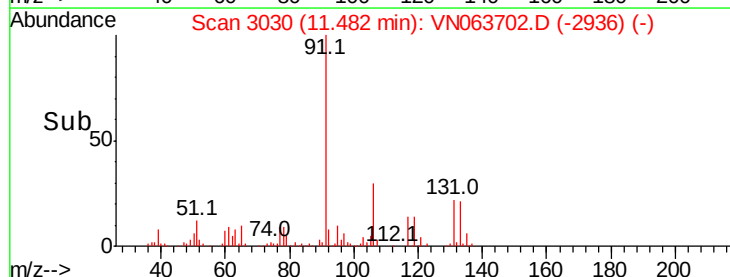
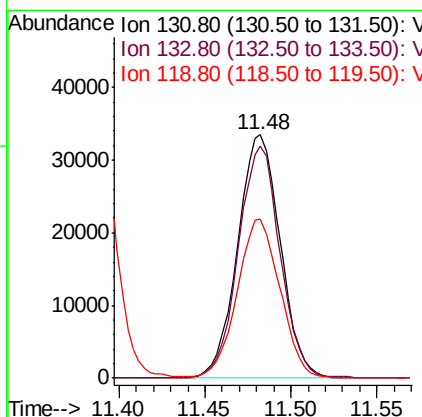
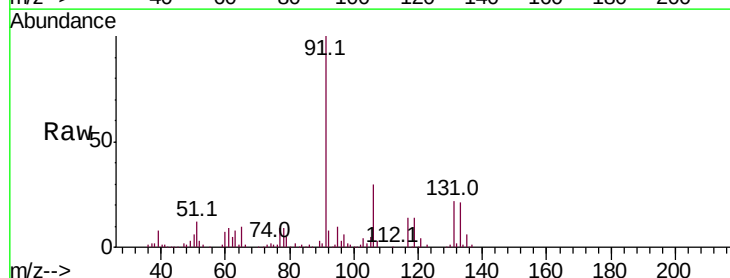
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

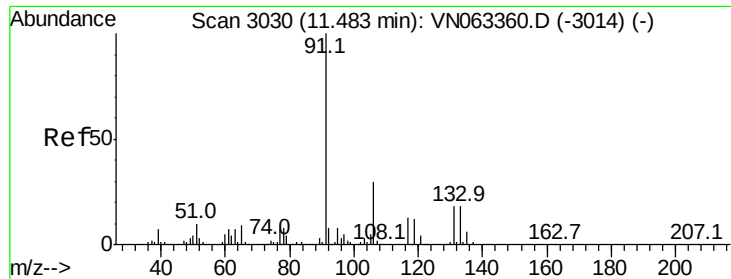
Tot Ion:112 Resp: 145509
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.497 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Tgt Ion:131 Resp: 57567
Ion Ratio Lower Upper
131 100
133 93.5 47.3 141.9
119 66.1 33.6 100.8

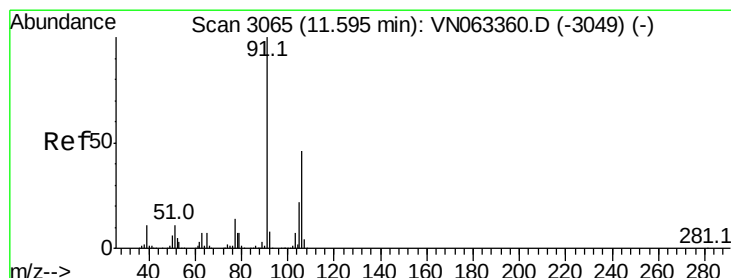
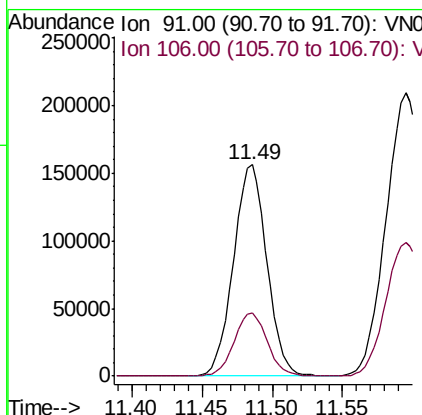
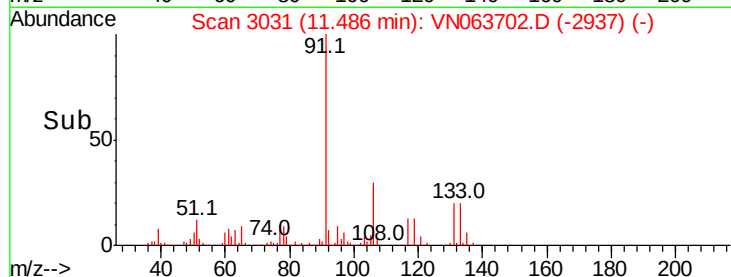
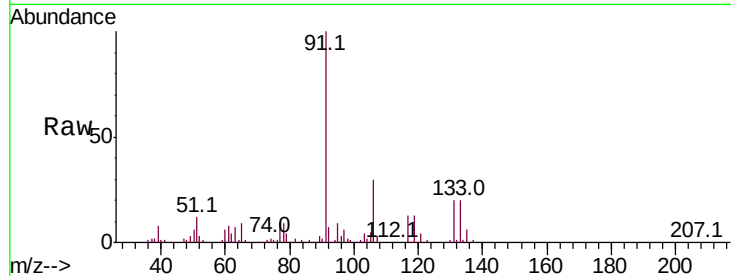




#67
Ethyl Benzene
Concen: 17.983 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

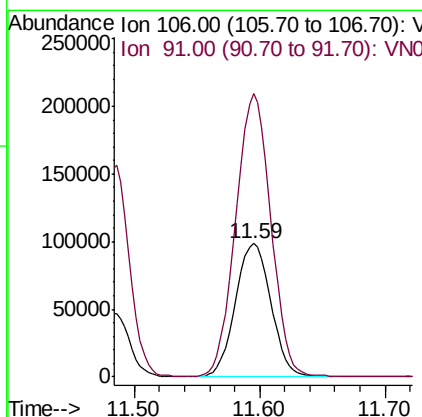
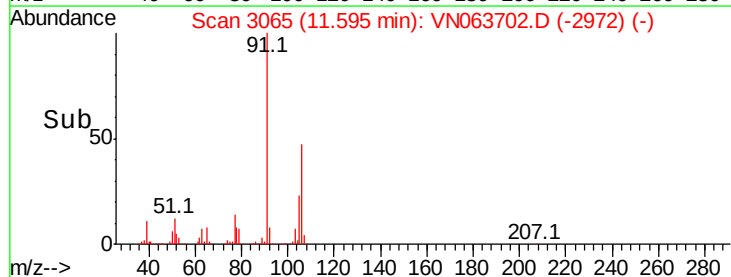
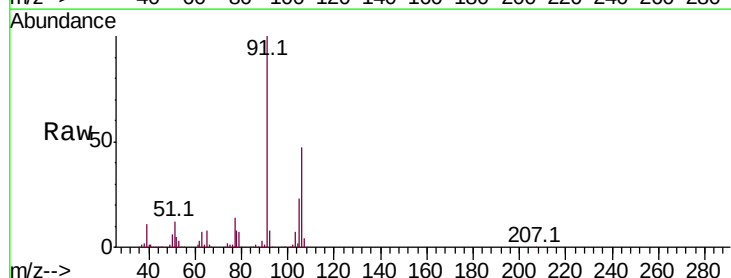
Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

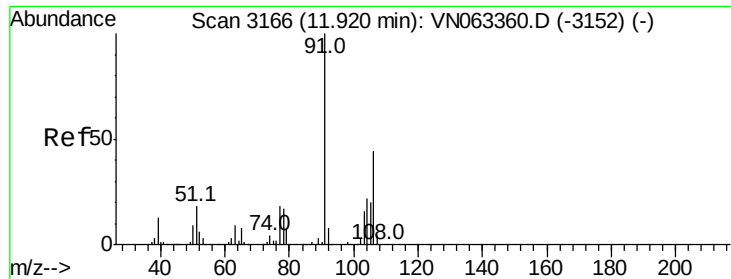
Tot Ion: 91 Resp: 259470
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 37.322 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Tgt Ion: 106 Resp: 194156
Ion Ratio Lower Upper
106 100
91 209.2 171.2 256.8

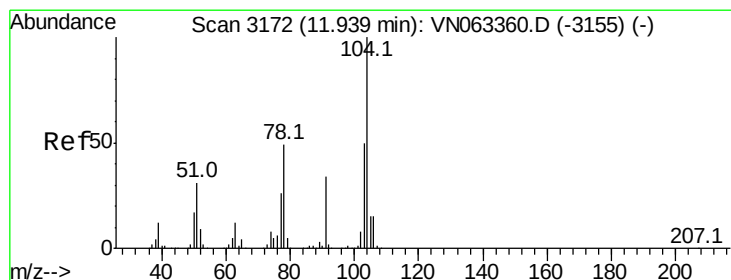
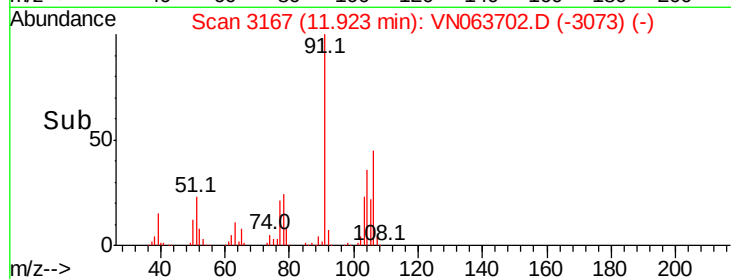
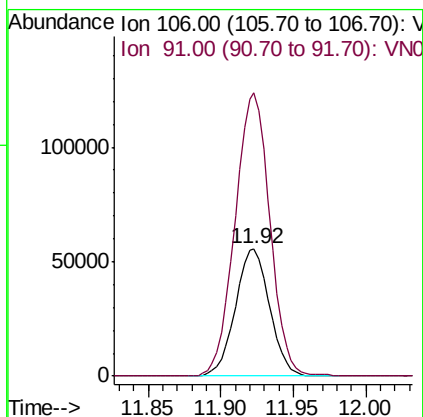
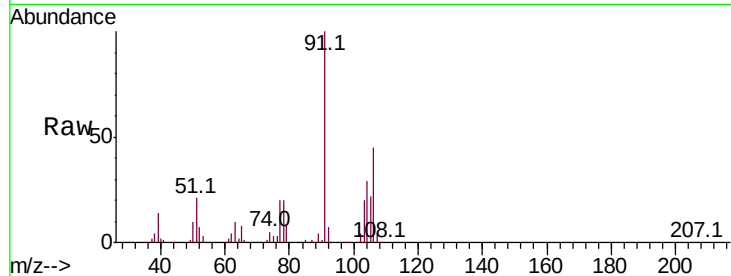




#69
o-Xylene
Concen: 18.432 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

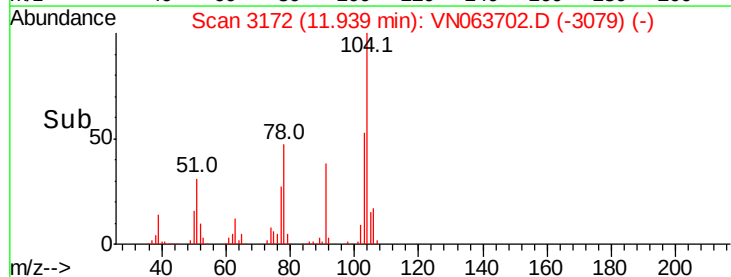
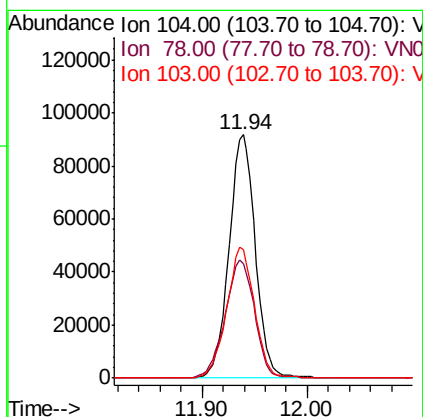
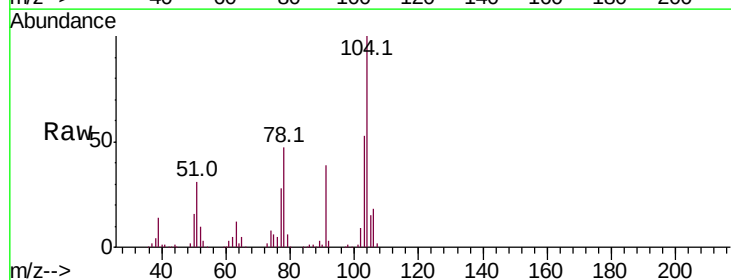
Instrument :
MSVOA_N
ClientSampled :
VN0928WBSD01

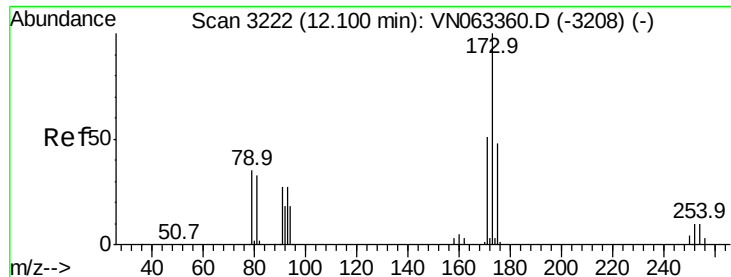
Tot Ion:106 Resp: 91342
Ion Ratio Lower Upper
106 100
91 226.8 113.6 340.8



#70
Styrene
Concen: 19.028 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Tgt Ion:104 Resp: 158131
Ion Ratio Lower Upper
104 100
78 54.5 44.4 66.6
103 57.0 43.7 65.5





#71

Bromoform

Concen: 19.545 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

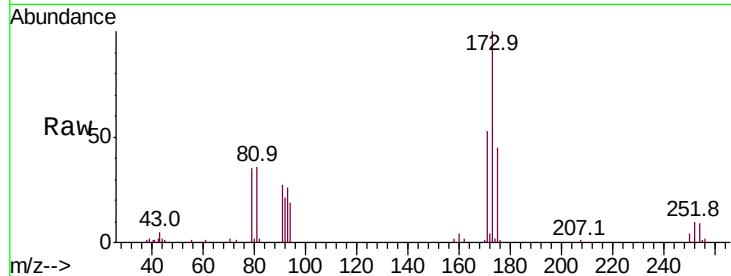
Tot Ion:173 Resp: 40893

Ion Ratio Lower Upper

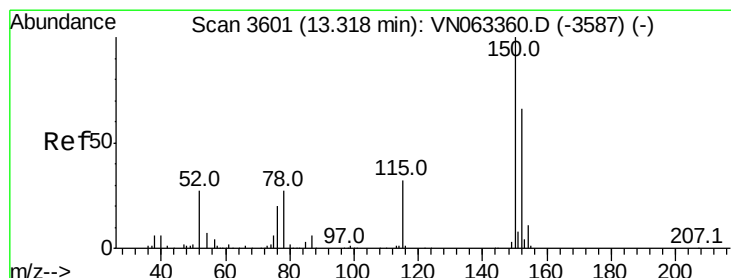
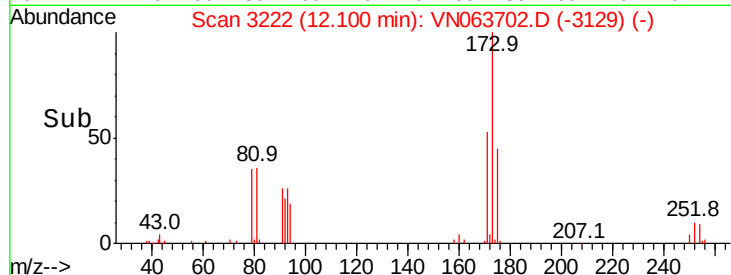
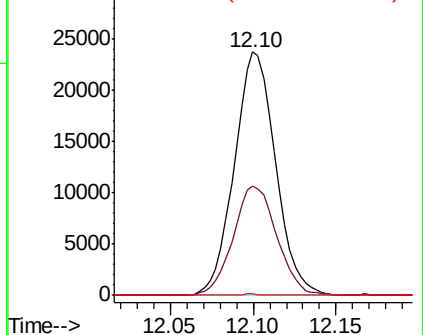
173 100

175 47.4 24.0 72.0

254 0.2 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: VN063702.D

Acq: 28 Sep 2020 13:57

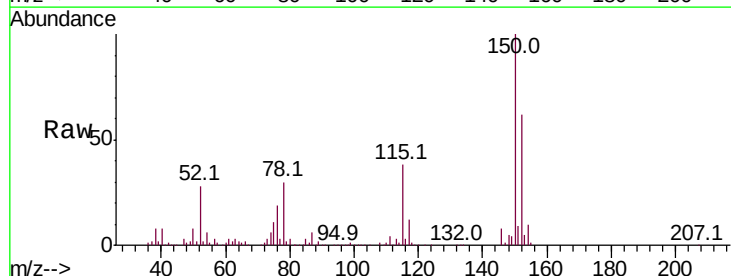
Tgt Ion:152 Resp: 174485

Ion Ratio Lower Upper

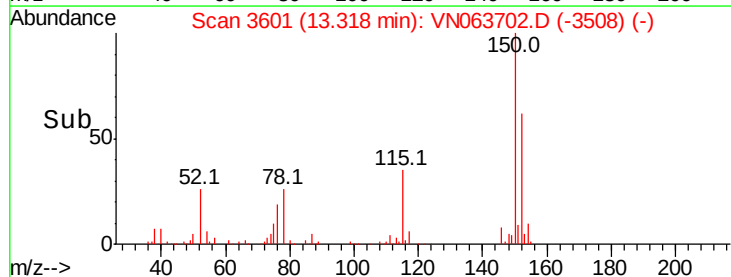
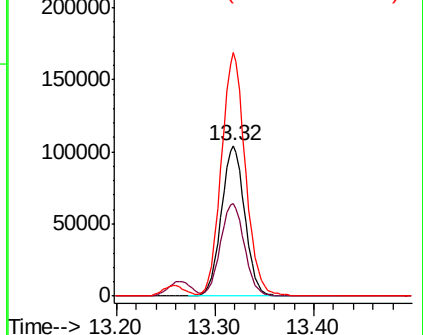
152 100

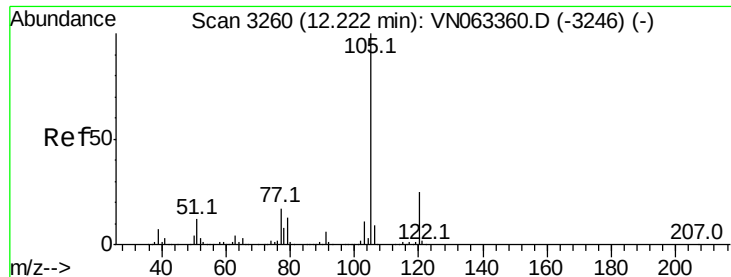
115 62.5 32.2 96.6

150 164.6 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: 17.820 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

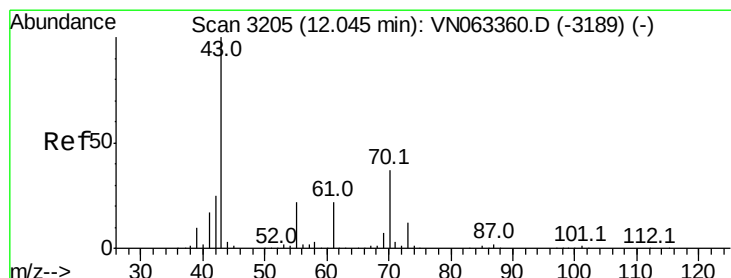
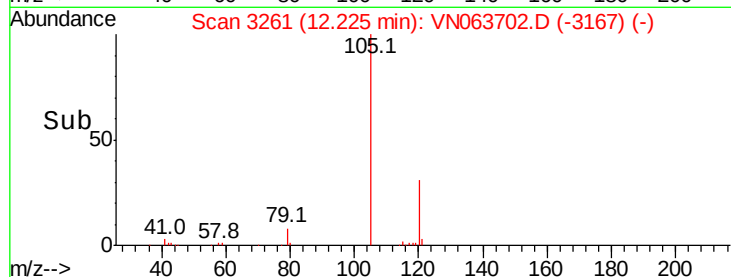
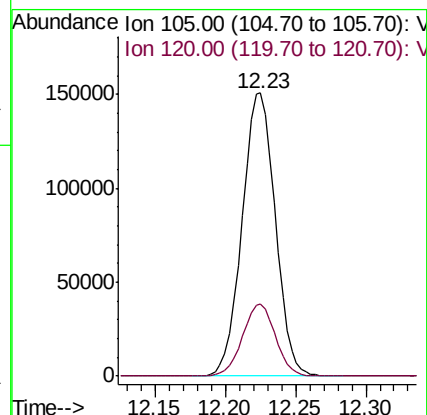
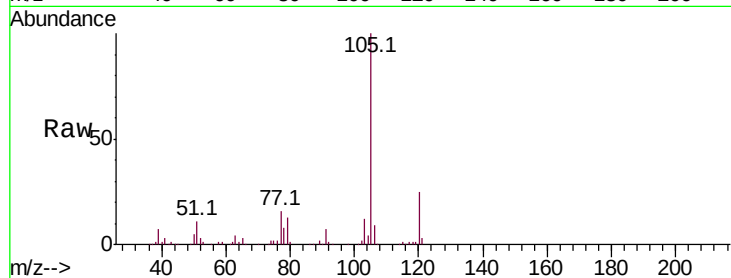
VN0928WBSD01

Tot Ion:105 Resp: 249164

Ion Ratio Lower Upper

105 100

120 25.3 12.7 38.0



#74

N-ethyl acetate

Concen: 16.624 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Tgt Ion: 43 Resp: 110032

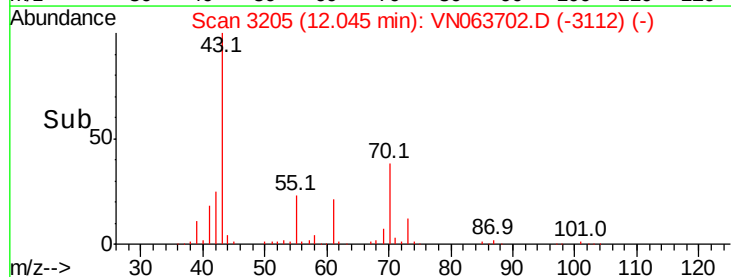
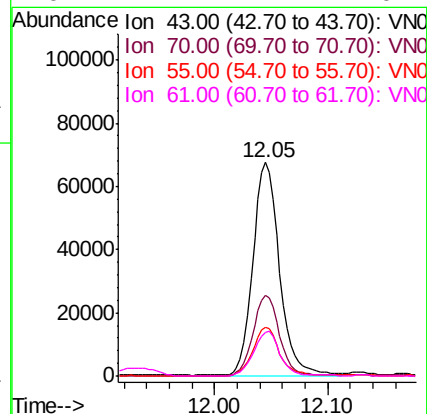
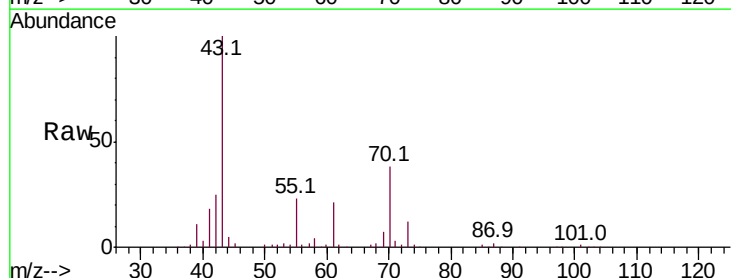
Ion Ratio Lower Upper

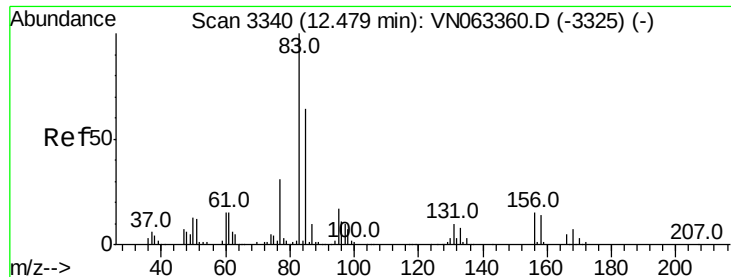
43 100

70 38.1 29.6 44.4

55 22.9 17.7 26.5

61 21.2 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.094 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

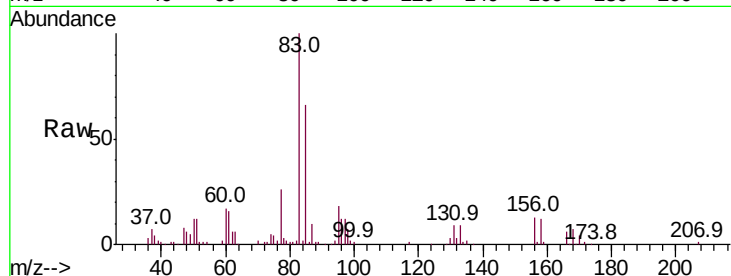
Tot Ion: 83 Resp: 82665

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.7

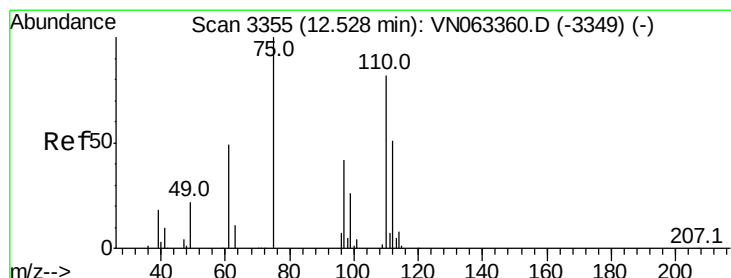
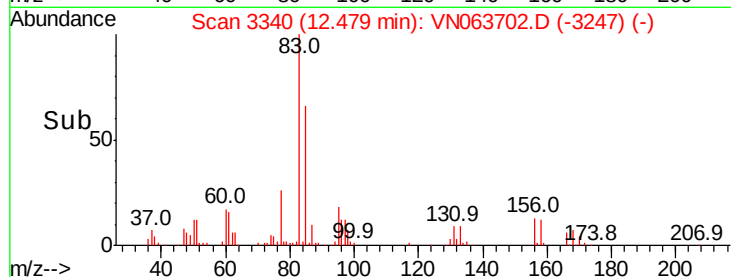
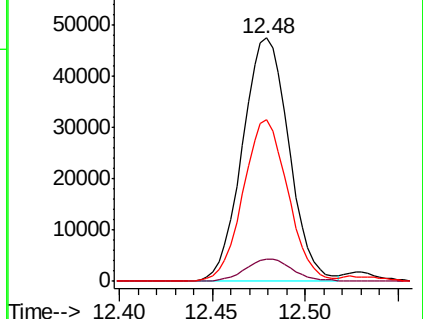
85 63.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 25.835 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063702.D

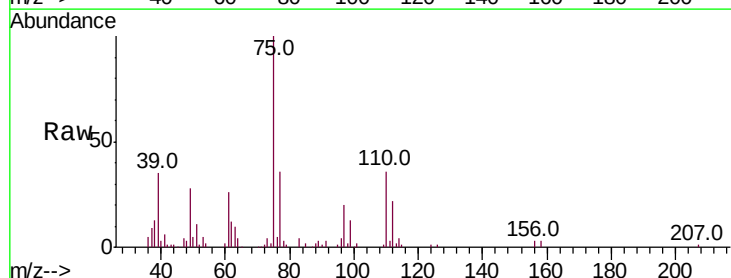
Acq: 28 Sep 2020 13:57

Tgt Ion: 75 Resp: 111573

Ion Ratio Lower Upper

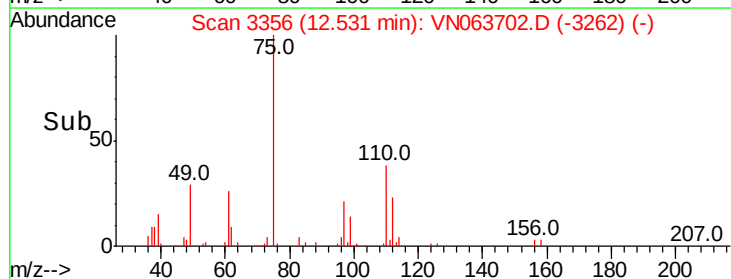
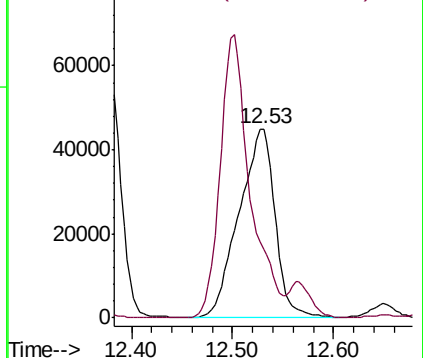
75 100

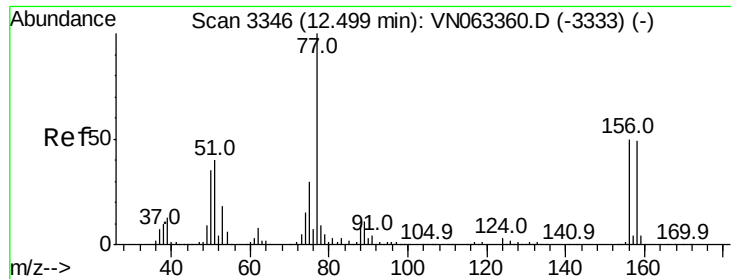
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.498 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

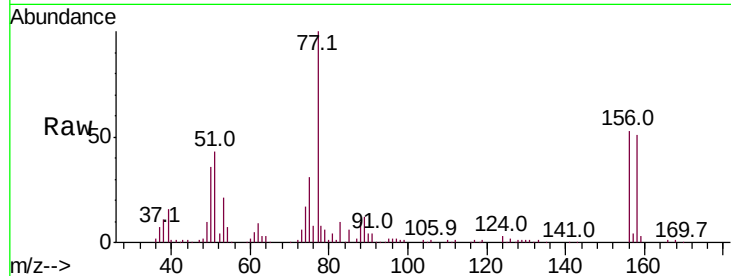
Tot Ion:156 Resp: 61324

Ion Ratio Lower Upper

156 100

77 227.5 120.2 360.6

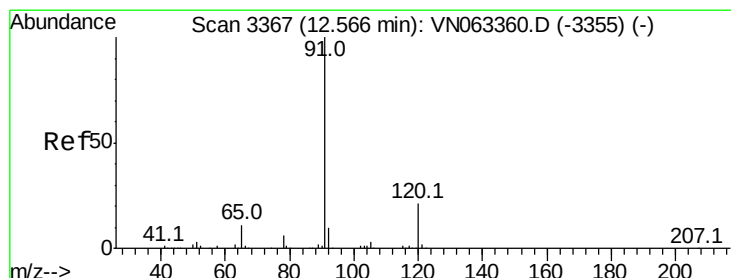
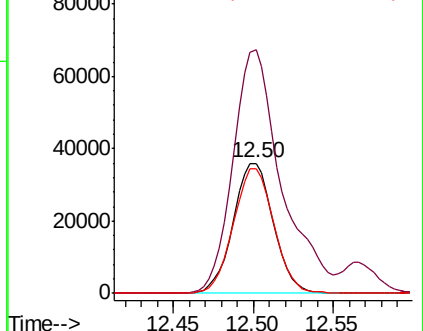
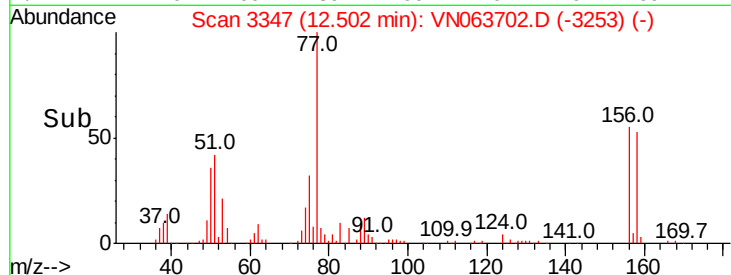
158 96.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.371 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063702.D

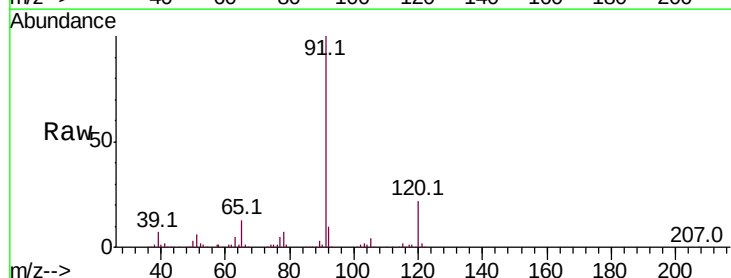
Acq: 28 Sep 2020 13:57

Tgt Ion: 91 Resp: 282893

Ion Ratio Lower Upper

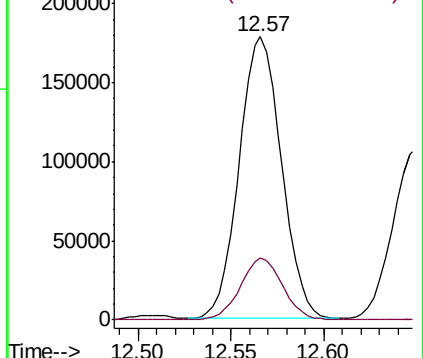
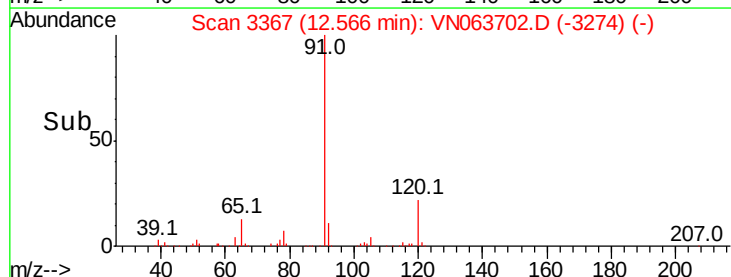
91 100

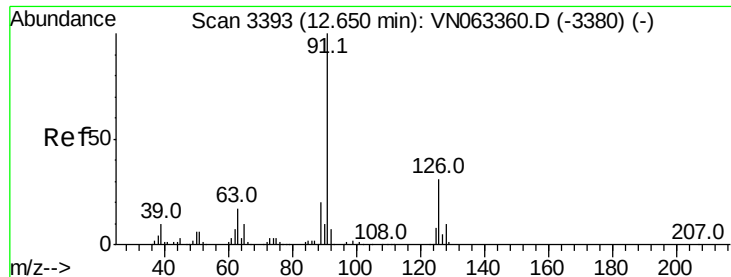
120 21.9 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.057 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

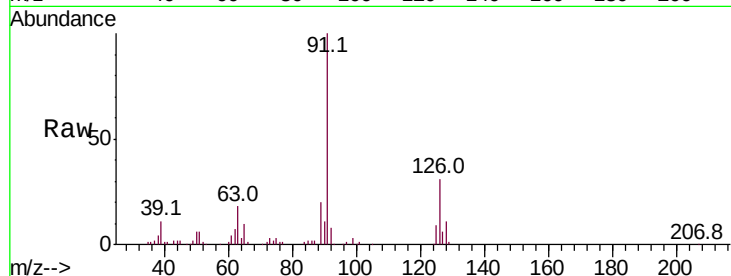
VN0928WBSD01

Tot Ion: 91 Resp: 176281

Ion Ratio Lower Upper

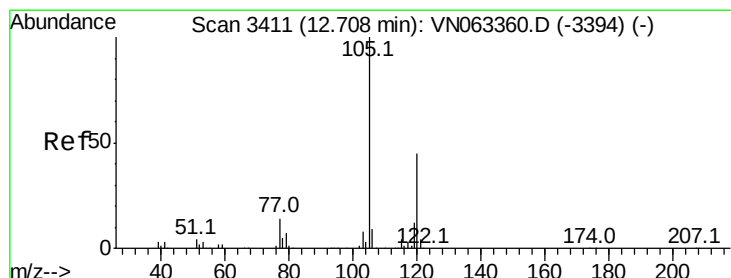
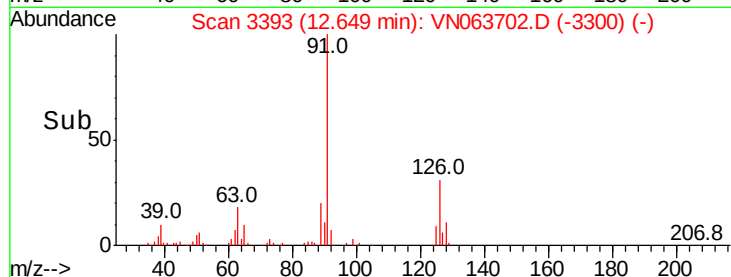
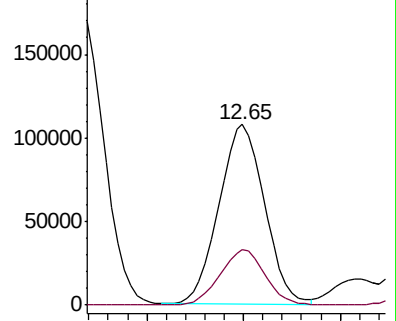
91 100

126 30.6 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: 18.233 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063702.D

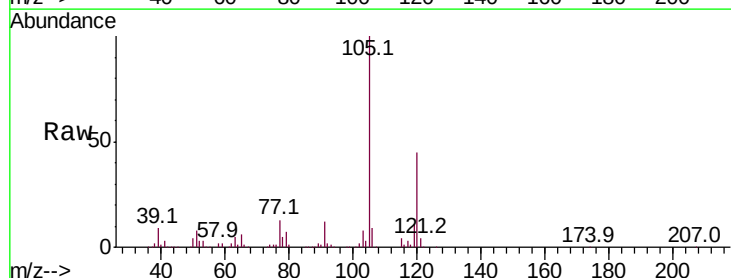
Acq: 28 Sep 2020 13:57

Tgt Ion:105 Resp: 212580

Ion Ratio Lower Upper

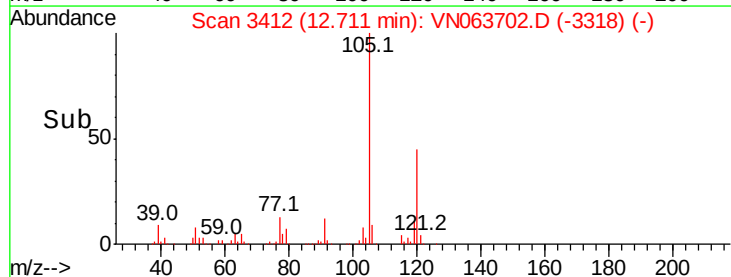
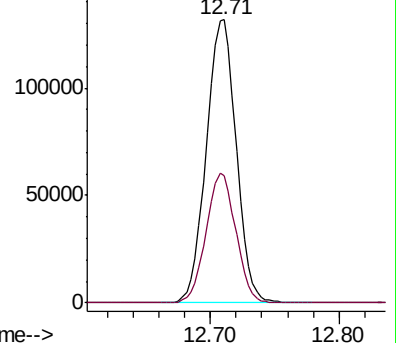
105 100

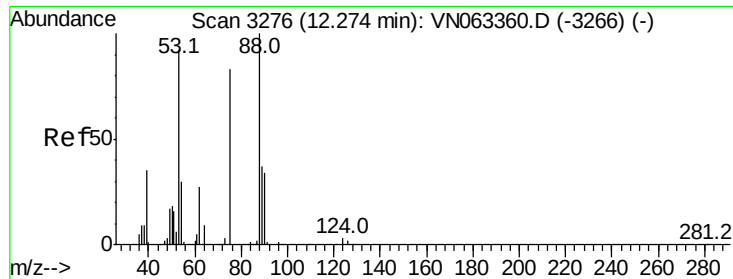
120 45.5 22.9 68.8



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 16.597 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

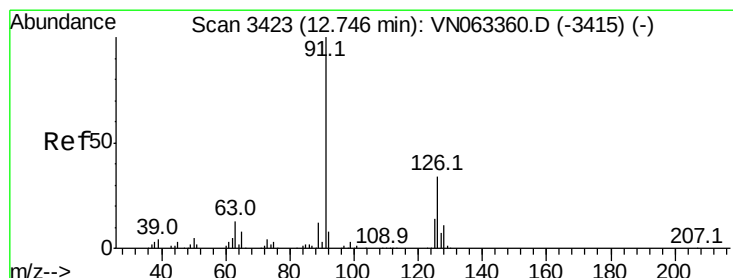
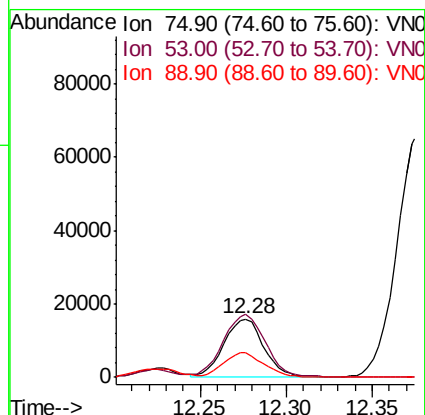
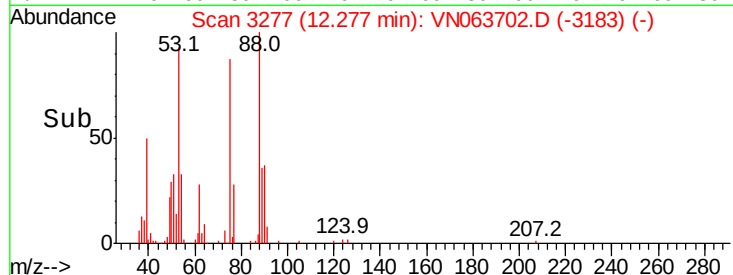
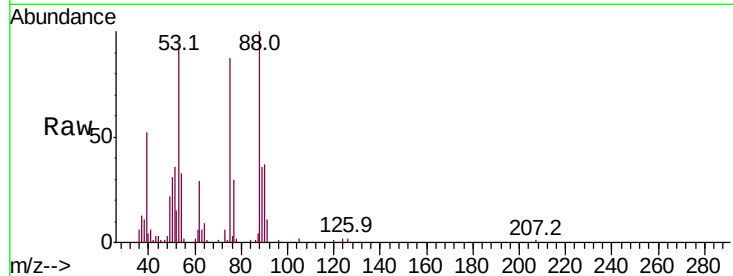
Tot Ion: 75 Resp: 26144

Ion Ratio Lower Upper

75 100

53 111.0 85.7 128.5

89 42.1 38.0 57.0



#82

4-Chlorotoluene

Concen: 18.187 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063702.D

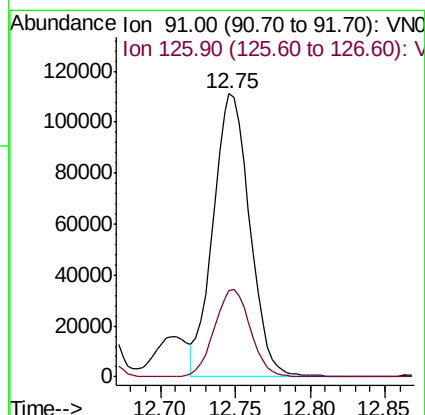
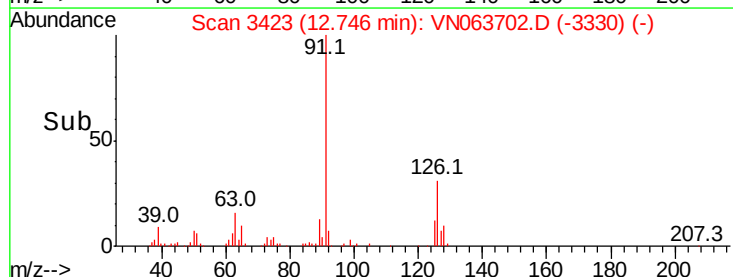
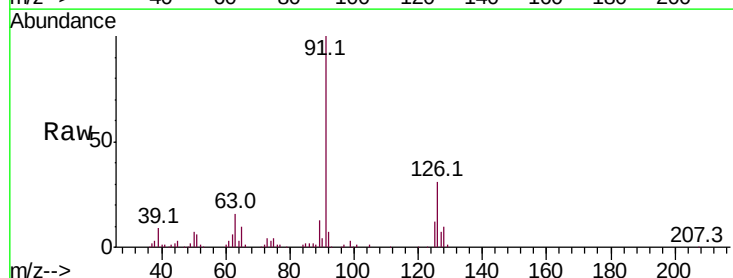
Acq: 28 Sep 2020 13:57

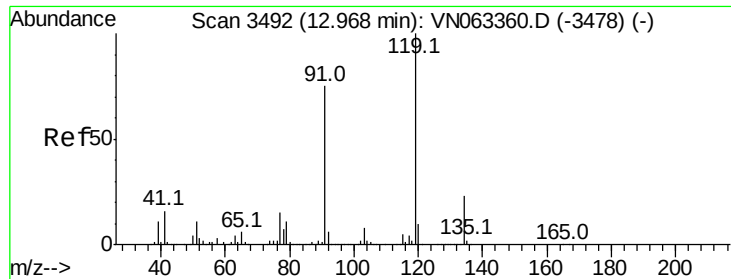
Tgt Ion: 91 Resp: 187594

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5

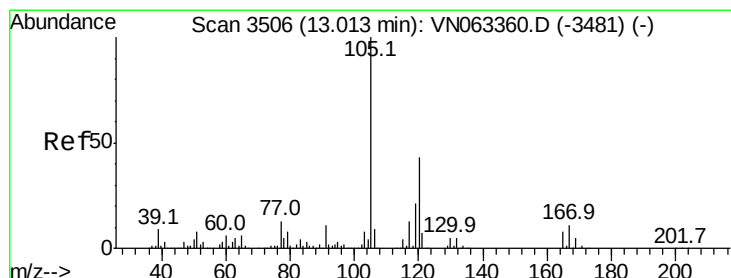
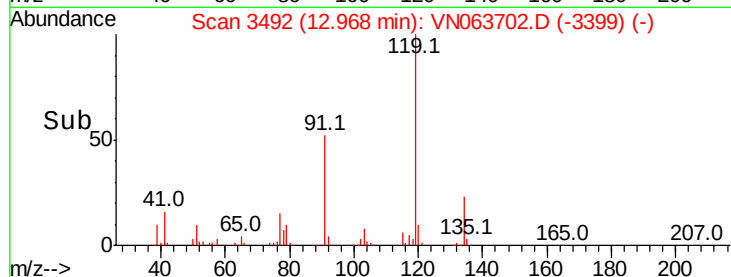
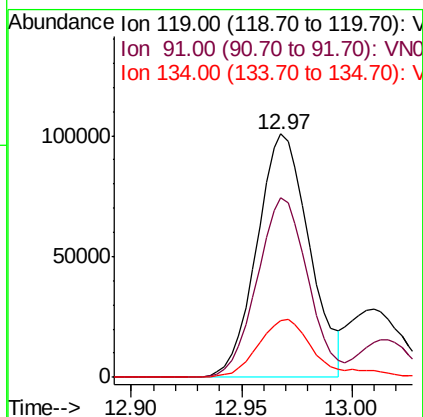
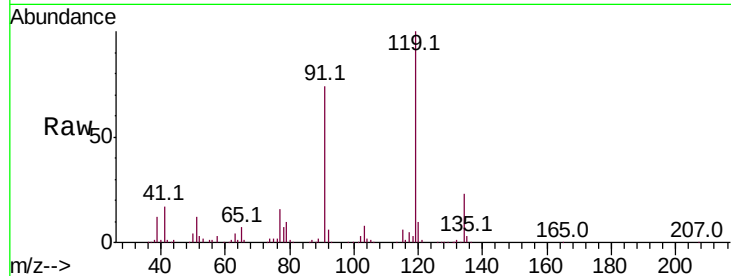




#83
 tert-Butylbenzene
 Concen: 17.270 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

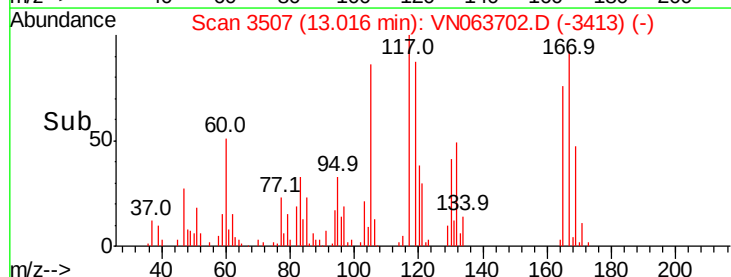
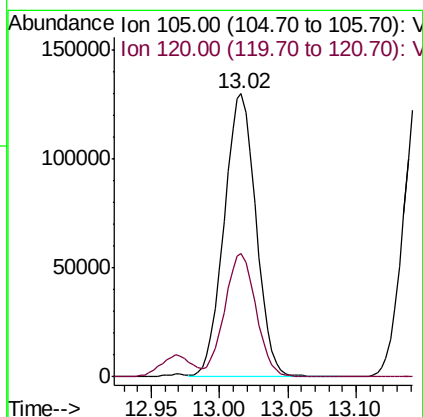
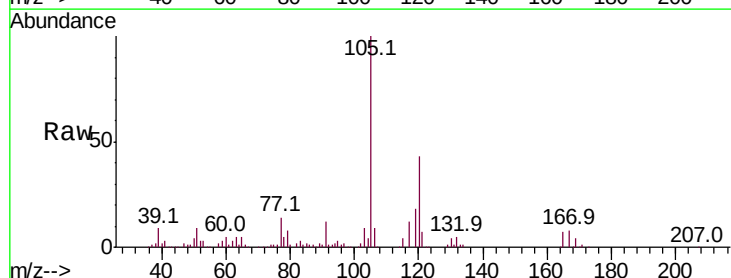
Instrument :
 MSVOA_N
 ClientSampled :
 VN0928WBSD01

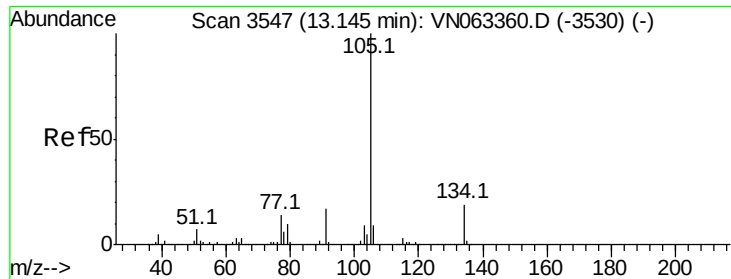
Tot Ion:119 Resp: 166192
 Ion Ratio Lower Upper
 119 100
 91 71.8 36.3 108.9
 134 25.9 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 17.812 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

Tgt Ion:105 Resp: 209773
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.3 63.9





#85

sec-Butylbenzene

Concen: 17.158 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

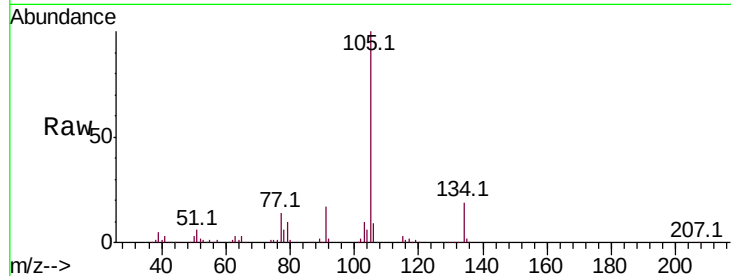
VN0928WBSD01

Tot Ion:105 Resp: 221017

Ion Ratio Lower Upper

105 100

134 18.7 9.3 27.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

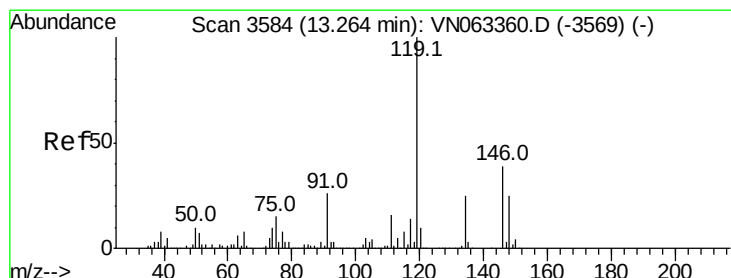
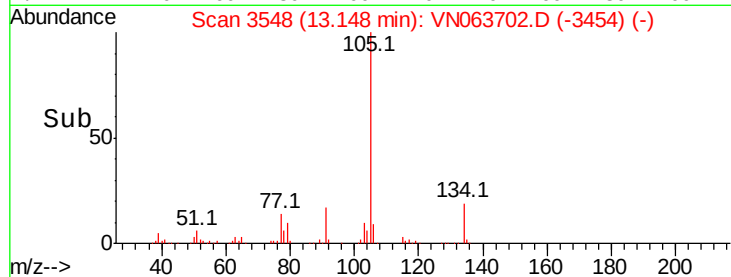
150000

100000

50000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 17.482 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

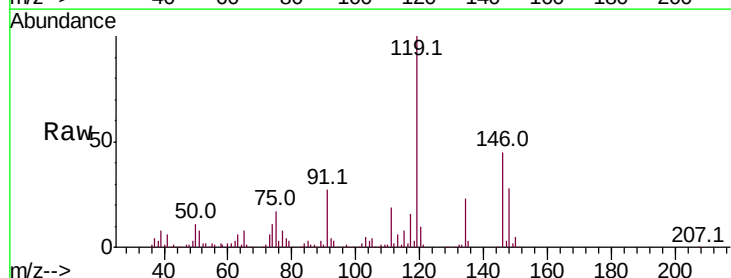
Tgt Ion:119 Resp: 198618

Ion Ratio Lower Upper

119 100

134 23.8 12.5 37.5

91 27.0 13.4 40.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

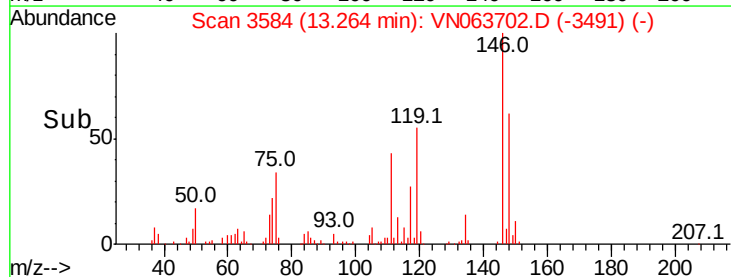
150000

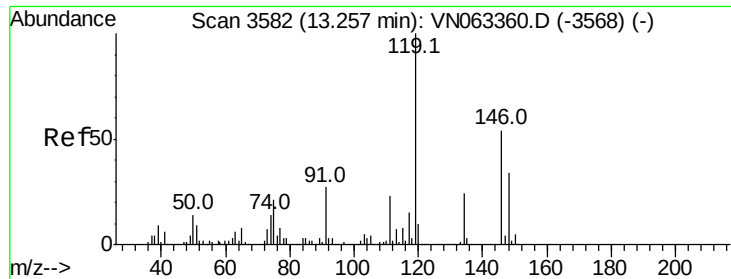
100000

50000

0

Time--> 13.20 13.25 13.30





#87

1,3-Dichlorobenzene

Concen: 18.690 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

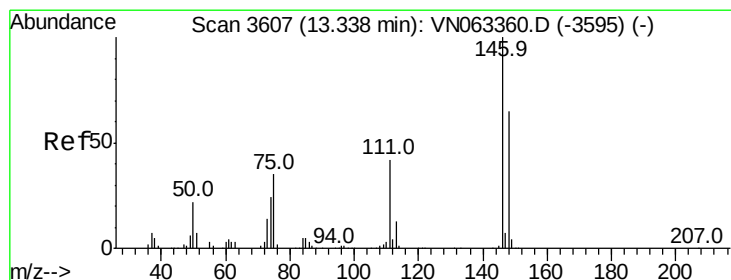
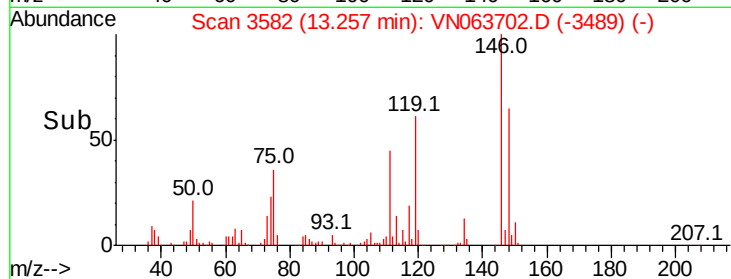
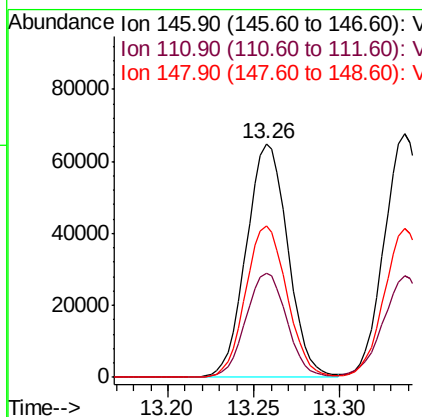
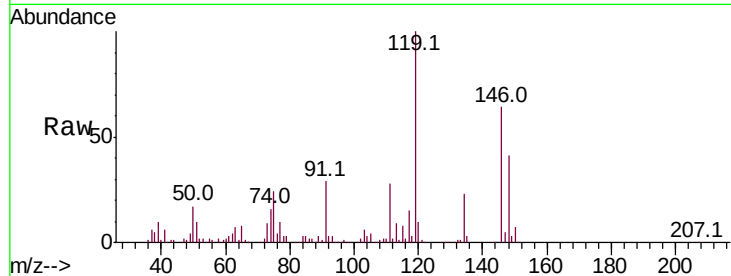
Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :
MSVOA_N
ClientSampleId :
VN0928WBSD01

Tot Ion:146 Resp: 108956

Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.4	64.3
148	64.4	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 18.731 ug/l

RT: 13.34 min Scan# 3607

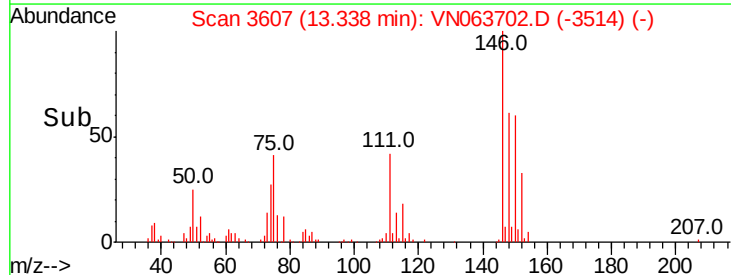
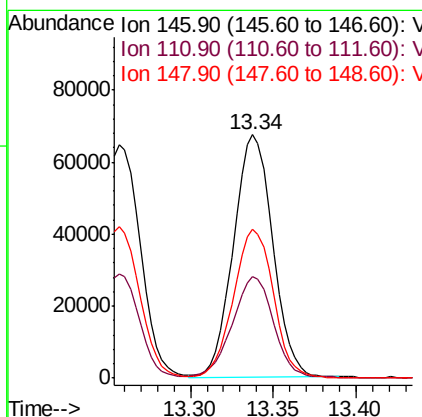
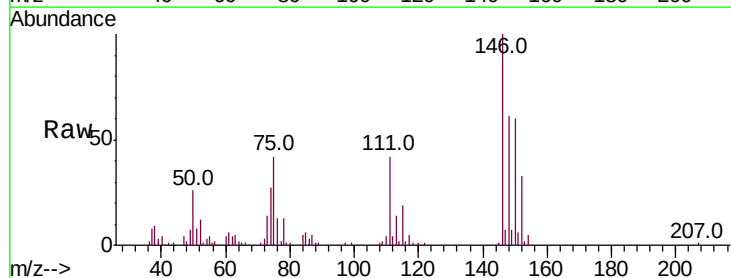
Delta R.T. -0.00 min

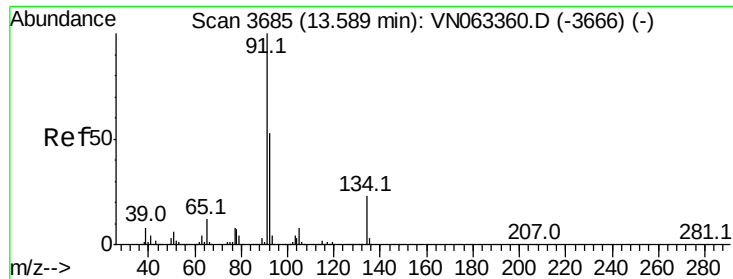
Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Tgt Ion:146 Resp: 111014

Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.2	63.6
148	62.0	31.9	95.9





#89

n-Butylbenzene

Concen: 16.735 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

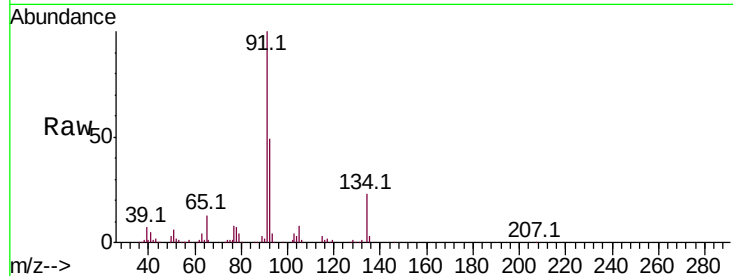
Tot Ion: 91 Resp: 175250

Ion Ratio Lower Upper

91 100

92 49.8 26.0 78.0

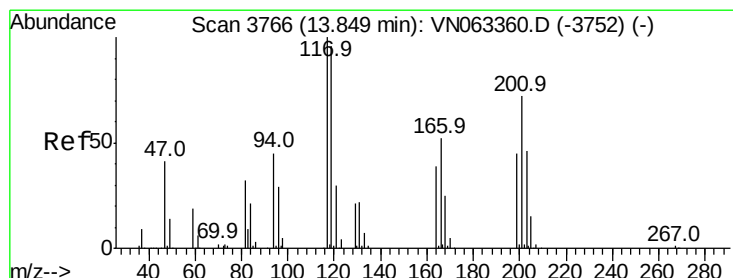
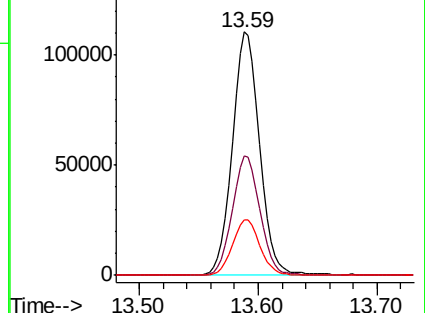
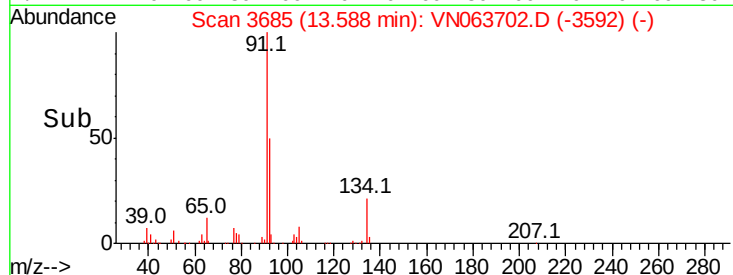
134 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN063702.D (-3592) (-)

150000 Ion 92.00 (91.70 to 92.70): VN063702.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063702.D (-3592) (-)



#90

Hexachloroethane

Concen: 17.143 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063702.D

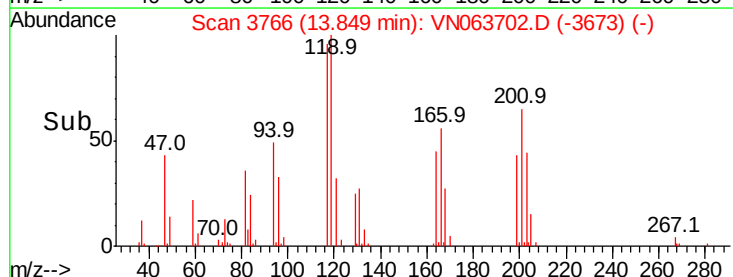
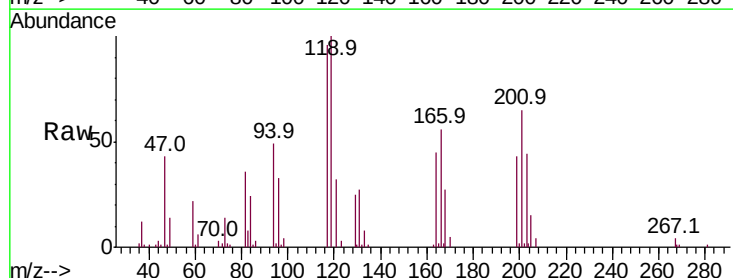
Acq: 28 Sep 2020 13:57

Tgt Ion: 117 Resp: 37087

Ion Ratio Lower Upper

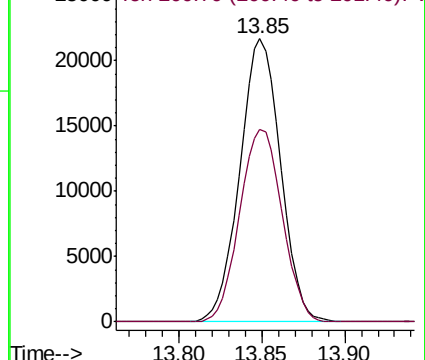
117 100

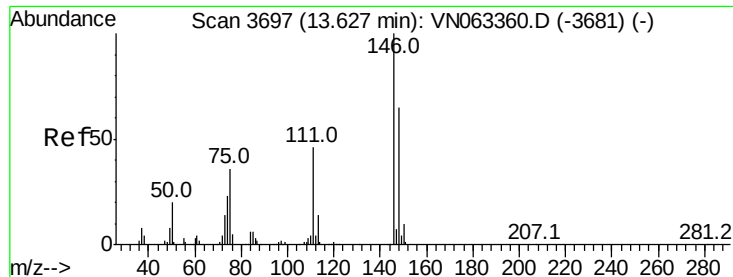
201 70.7 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): VN063702.D (-3673) (-)

25000 Ion 200.70 (200.40 to 201.40): VN063702.D (-3673) (-)





#91

1,2-Dichlorobenzene

Concen: 18.790 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBSD01

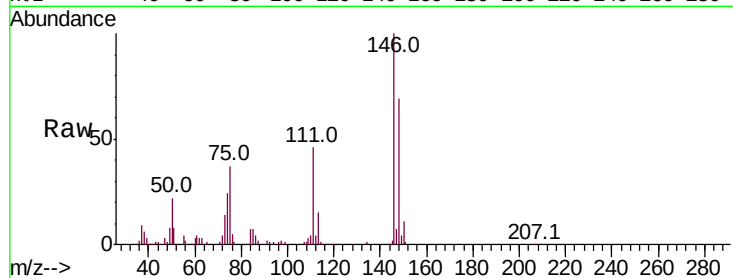
Tot Ion:146 Resp: 107541

Ion Ratio Lower Upper

146 100

111 44.7 22.4 67.2

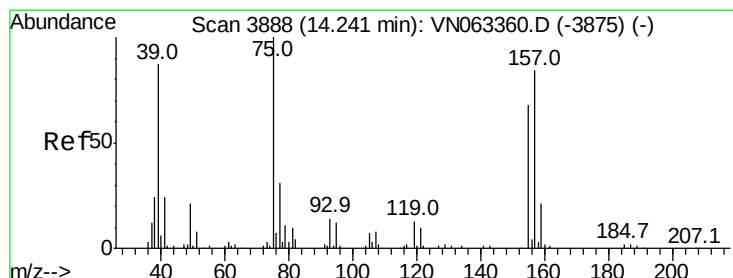
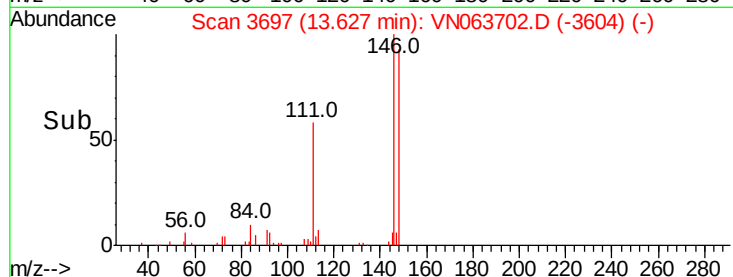
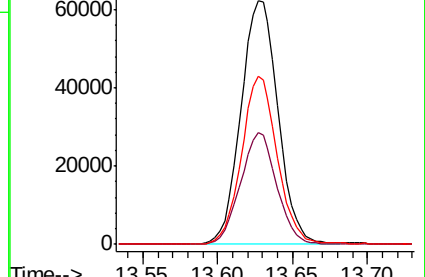
148 66.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.580 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063702.D

Acq: 28 Sep 2020 13:57

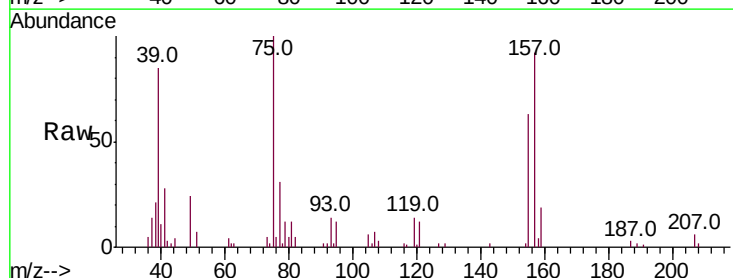
Tgt Ion: 75 Resp: 18124

Ion Ratio Lower Upper

75 100

155 67.9 34.6 103.9

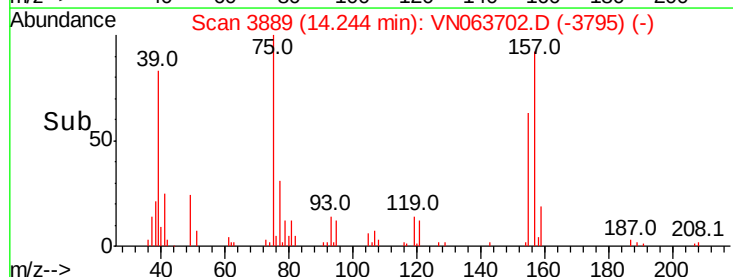
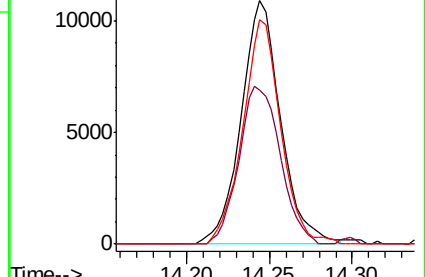
157 88.2 43.7 131.1

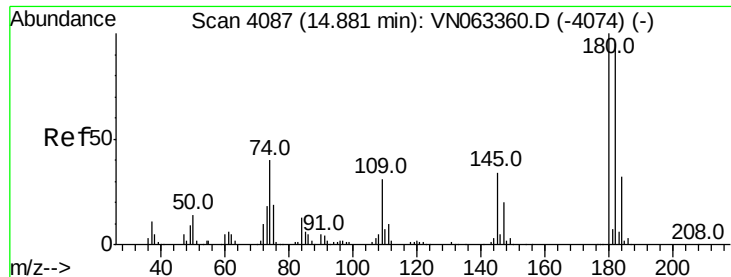


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

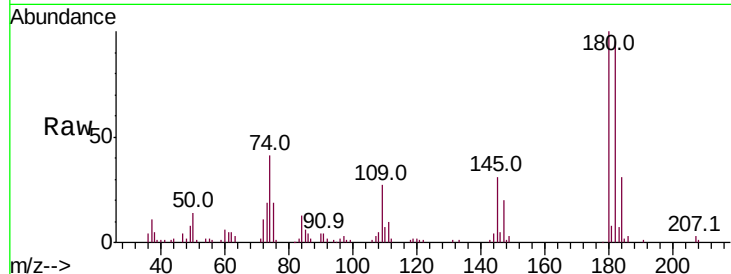




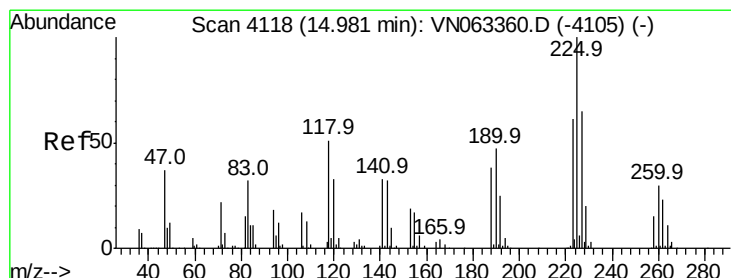
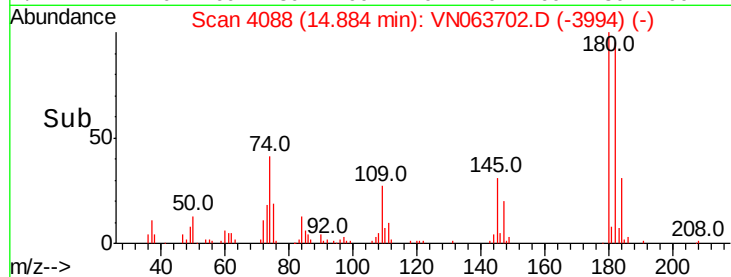
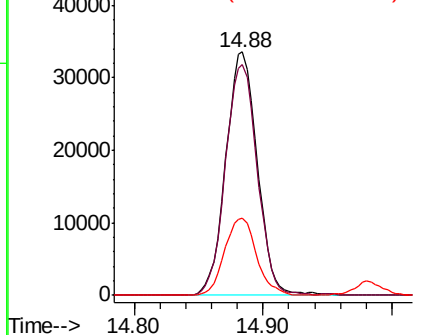
#93
 1,2,4-Trichlorobenzene
 Concen: 16.895 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBSD01

Tot Ion:180 Resp: 57006
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.3 142.0
 145 32.0 16.6 49.7

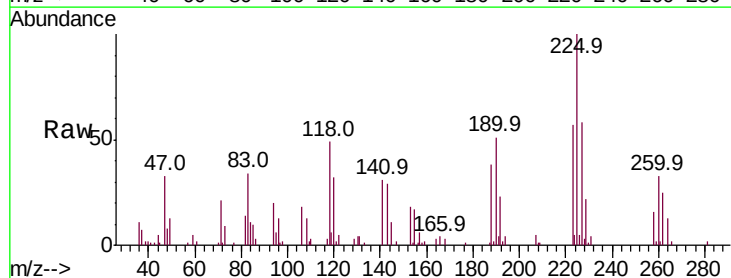


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

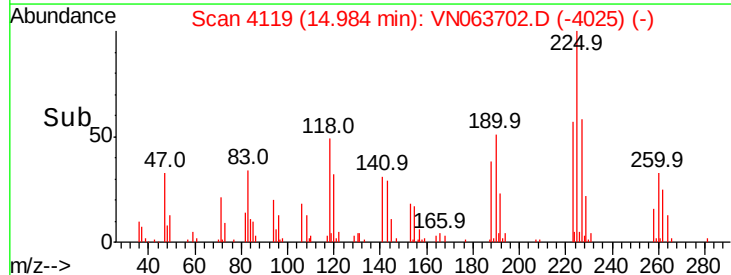
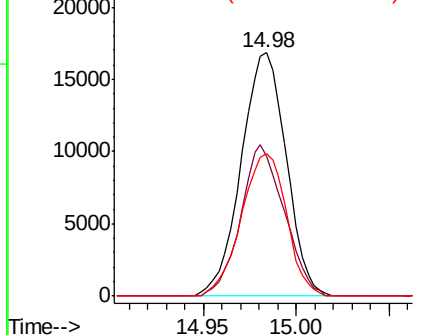


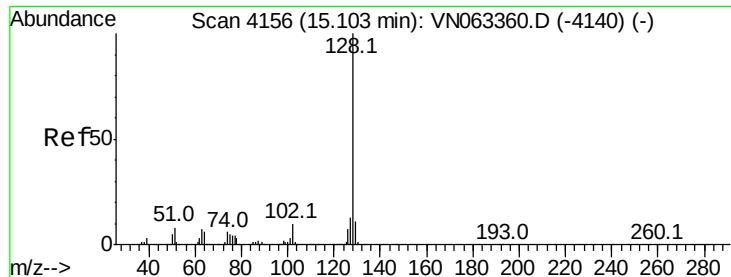
#94
 Hexachlorobutadiene
 Concen: 20.309 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063702.D
 Acq: 28 Sep 2020 13:57

Tgt Ion:225 Resp: 28368
 Ion Ratio Lower Upper
 225 100
 223 59.7 30.6 91.6
 227 58.7 31.2 93.6



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

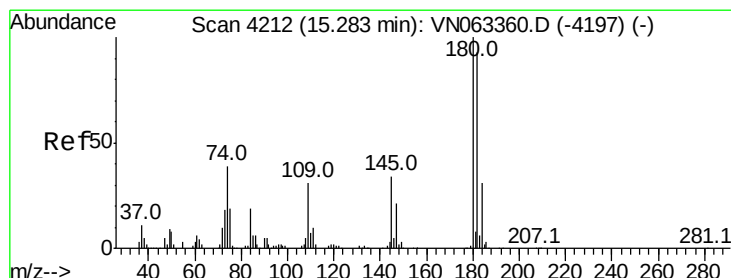
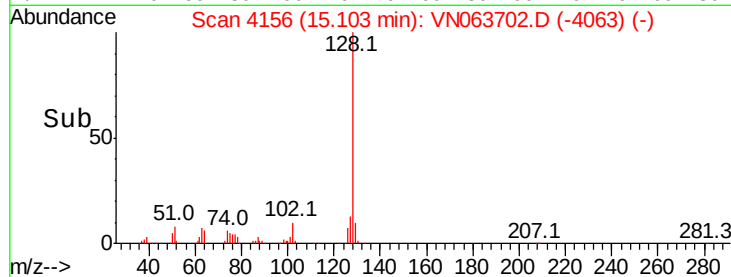
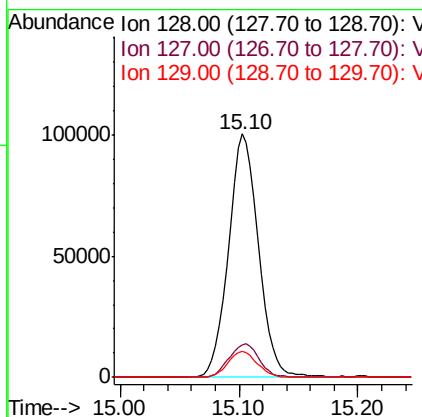
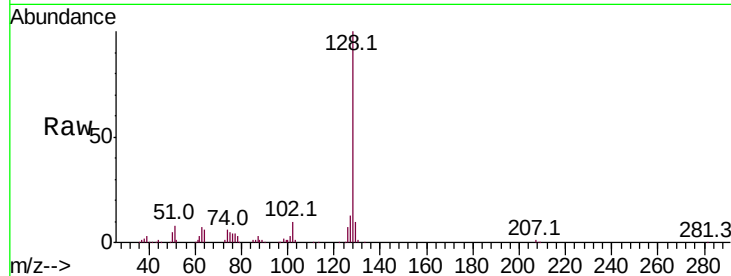




#95
Naphthalene
Concen: 15.735 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Instrument :
MSVOA_N
ClientSampled :
VN0928WBSD01

Tot Ion:128 Resp: 175405
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 10.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.108 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063702.D
Acq: 28 Sep 2020 13:57

Tgt Ion:180 Resp: 55773
Ion Ratio Lower Upper
180 100
182 93.1 46.7 140.1
145 34.3 16.8 50.3

