

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
 Data File : VN063505.D
 Acq On : 22 Sep 2020 00:05
 Operator : JC/MD
 Sample : VN0921WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

Quant Time: Sep 22 04:59:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	267974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	479564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	443963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	202648	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	211546	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	
35) Dibromofluoromethane	7.55	113	149024	44.89	ug/l	0.00
Spiked Amount			Recovery	=	89.78%	
50) Toluene-d8	10.06	98	561422	44.97	ug/l	0.00
Spiked Amount			Recovery	=	89.94%	
62) 4-Bromofluorobenzene	12.38	95	210139	45.92	ug/l	0.00
Spiked Amount			Recovery	=	91.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	55320	18.222	ug/l	98
3) Chloromethane	2.04	50	68316	17.010	ug/l	99
4) Vinyl Chloride	2.16	62	65984	18.544	ug/l	99
5) Bromomethane	2.53	94	43727	20.697	ug/l	99
6) Chloroethane	2.67	64	40010	18.318	ug/l	98
7) Trichlorofluoromethane	2.98	101	104187	19.625	ug/l	99
8) Diethyl Ether	3.38	74	41883	20.238	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56581	18.951	ug/l	98
10) Methyl Iodide	3.91	142	73554	18.923	ug/l	98
11) Tert butyl alcohol	4.73	59	65157	103.105	ug/l #	91
12) 1,1-Dichloroethene	3.70	96	56574	18.708	ug/l	97
13) Acrolein	3.57	56	27682	118.203	ug/l	98
14) Allyl chloride	4.28	41	109294	18.271	ug/l	98
15) Acrylonitrile	4.94	53	163895	101.959	ug/l	99
16) Acetone	3.78	43	150934	102.954	ug/l	97
17) Carbon Disulfide	4.01	76	152959	17.389	ug/l	100
18) Methyl Acetate	4.28	43	78027	20.965	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	213910	18.979	ug/l	99
20) Methylene Chloride	4.51	84	68743	18.507	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	62664	18.703	ug/l	97
22) Diisopropyl ether	5.90	45	231108	18.944	ug/l	99
23) Vinyl Acetate	5.85	43	960825	95.900	ug/l	99
24) 1,1-Dichloroethane	5.80	63	122264	18.357	ug/l	99
25) 2-Butanone	6.79	43	232987	103.333	ug/l	98
26) 2,2-Dichloropropane	6.78	77	91379	15.583	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	73104	19.277	ug/l	98
28) Bromochloromethane	7.15	49	57400	18.665	ug/l	99
29) Tetrahydrofuran	7.17	42	157229	102.102	ug/l	99
30) Chloroform	7.33	83	126648	18.953	ug/l	99
31) Cyclohexane	7.61	56	107095	16.999	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	111716	18.797	ug/l	99
36) 1,1-Dichloropropene	7.75	75	90255	17.666	ug/l	98
37) Ethyl Acetate	6.88	43	97691	19.482	ug/l	99
38) Carbon Tetrachloride	7.73	117	94649	18.148	ug/l	99

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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)
39) Methylcyclohexane	9.05	83	92947	16.762	ug/l	96
40) Benzene	8.00	78	271271	18.600	ug/l	98
41) Methacrylonitrile	7.12	41	33140	14.695	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	110403	18.824	ug/l	99
43) Isopropyl Acetate	8.13	43	167969	18.734	ug/l	99
44) Trichloroethene	8.80	130	66085	18.682	ug/l	100
45) 1,2-Dichloropropane	9.08	63	75702	19.058	ug/l	96
46) Dibromomethane	9.17	93	50305	19.268	ug/l	99
47) Bromodichloromethane	9.37	83	100756	18.577	ug/l	97
48) Methyl methacrylate	9.17	41	79000	17.934	ug/l	96
49) 1,4-Dioxane	9.17	88	26910	425.681	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	505968	100.799	ug/l	99
52) Toluene	10.12	92	166490	18.987	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	106651	17.614	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	114855	17.983	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	68655	19.712	ug/l	95
56) Ethyl methacrylate	10.40	69	100068	18.404	ug/l	98
57) 1,3-Dichloropropane	10.68	76	116073	18.480	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	255306	89.508	ug/l	98
59) 2-Hexanone	10.72	43	366930	100.901	ug/l	98
60) Dibromochloromethane	10.87	129	73203	18.604	ug/l	99
61) 1,2-Dibromoethane	10.98	107	69802	19.290	ug/l	100
64) Tetrachloroethene	10.60	164	57929	19.162	ug/l	98
65) Chlorobenzene	11.41	112	174496	18.516	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	65043	18.828	ug/l	98
67) Ethyl Benzene	11.49	91	324315	18.274	ug/l	99
68) m/p-Xylenes	11.60	106	234706	36.680	ug/l	98
69) o-Xylene	11.92	106	114829	18.838	ug/l	97
70) Styrene	11.94	104	190727	18.658	ug/l	99
71) Bromoform	12.10	173	48081	18.683	ug/l #	100
73) Isopropylbenzene	12.23	105	304016	18.721	ug/l	100
74) N-amyl acetate	12.05	43	143490	18.666	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	96391	19.170	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	133474	26.611	ug/l #	100
77) Bromobenzene	12.50	156	70047	19.176	ug/l	99
78) n-propylbenzene	12.57	91	345826	18.284	ug/l	99
79) 2-Chlorotoluene	12.65	91	209484	18.476	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	254909	18.825	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	29960	16.376	ug/l	94
82) 4-Chlorotoluene	12.75	91	220576	18.413	ug/l	99
83) tert-Butylbenzene	12.97	119	205561	18.393	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	255688	18.694	ug/l	100
85) sec-Butylbenzene	13.15	105	268883	17.973	ug/l	100
86) p-Isopropyltoluene	13.26	119	238510	18.076	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	127995	18.905	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	127552	18.530	ug/l	98
89) n-Butylbenzene	13.59	91	212036	17.434	ug/l	98
90) Hexachloroethane	13.85	117	42203	16.797	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	124751	18.768	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	23154	19.338	ug/l	98

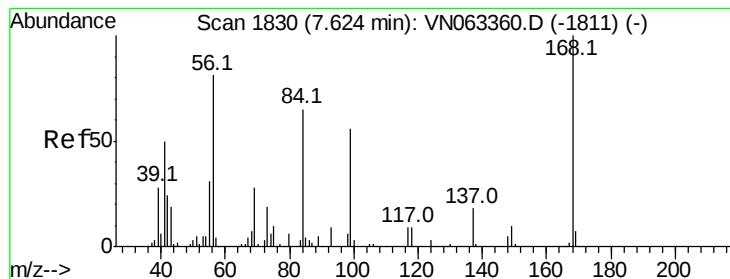
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092120\
Data File : VN063505.D
Acq On : 22 Sep 2020 00:05
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Sample : VN0921WBSD02
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Quant Time: Sep 22 04:59:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
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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	72459	18.491	ug/l	96
94) Hexachlorobutadiene	14.98	225	30493	18.796	ug/l	94
95) Naphthalene	15.10	128	249884	19.301	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	70917	18.730	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

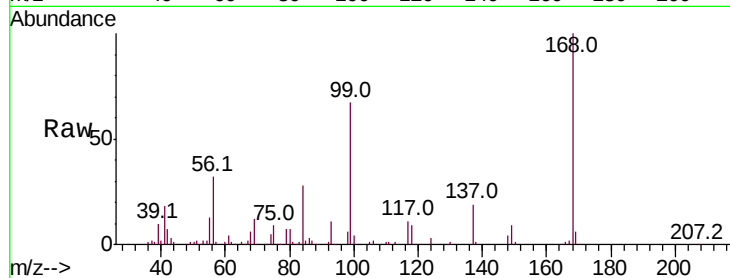
VN0921WBSD02

Tot Ion:168 Resp: 267974

Ion Ratio Lower Upper

168 100

99 66.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

60000

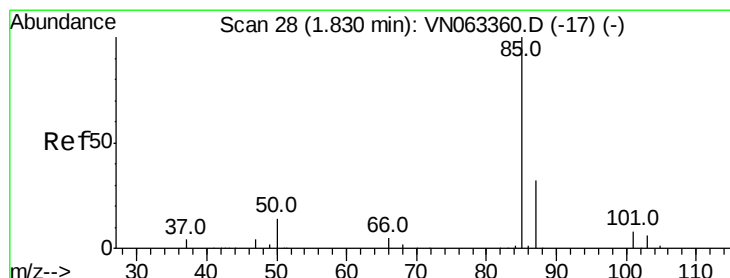
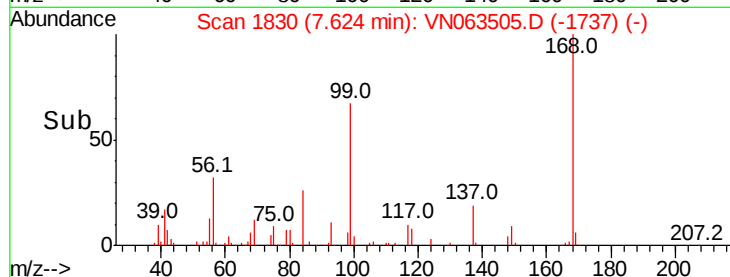
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.222 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063505.D

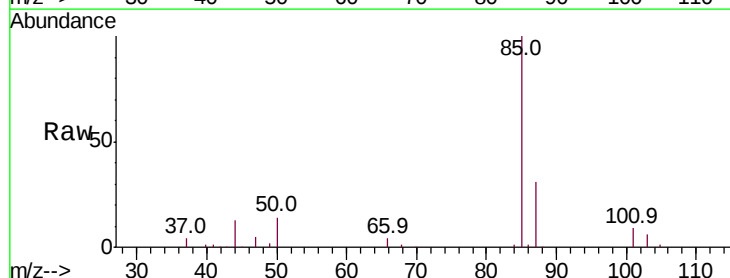
Acq: 22 Sep 2020 00:05

Tgt Ion: 85 Resp: 55320

Ion Ratio Lower Upper

85 100

87 30.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

30000

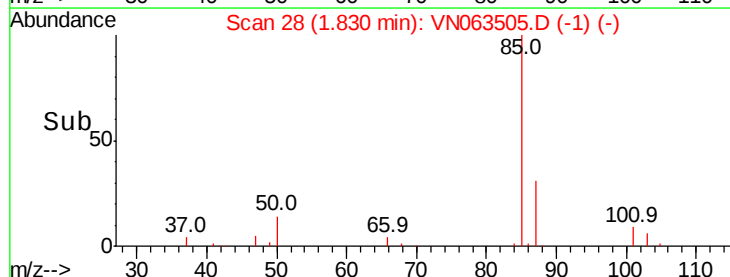
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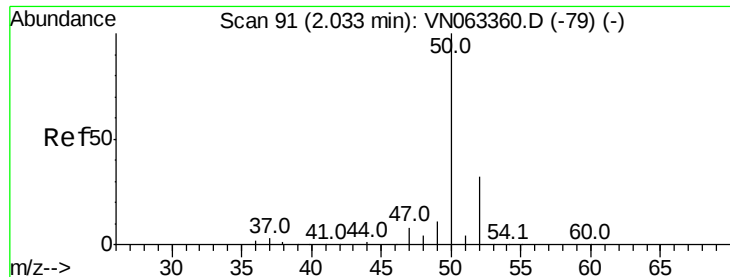
10000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.010 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampled :

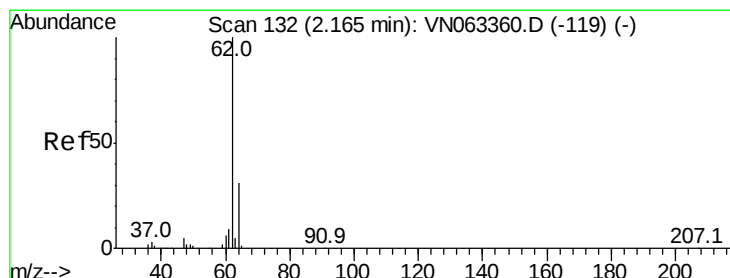
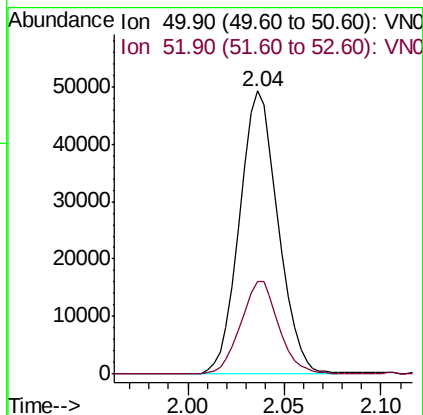
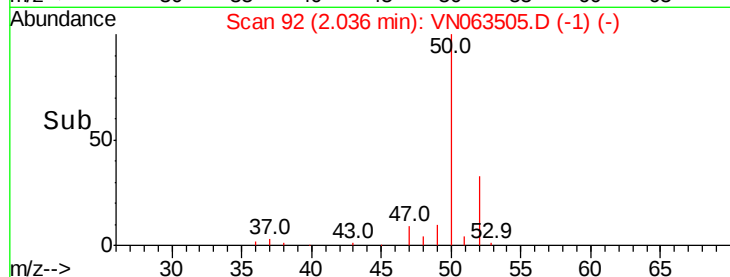
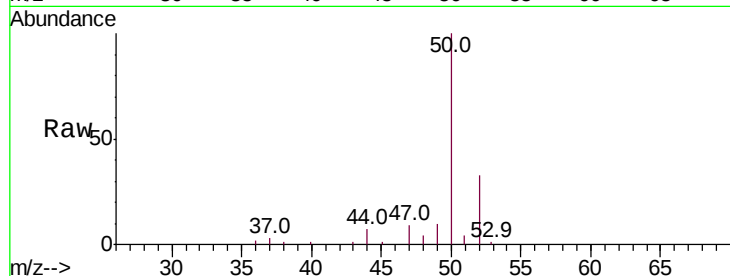
VN0921WBSD02

Tot Ion: 50 Resp: 68316

Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9



#4

Vinyl Chloride

Concen: 18.544 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN063505.D

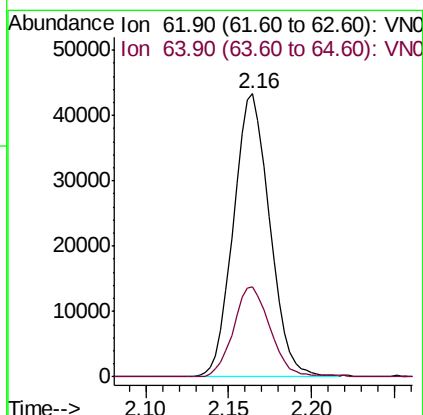
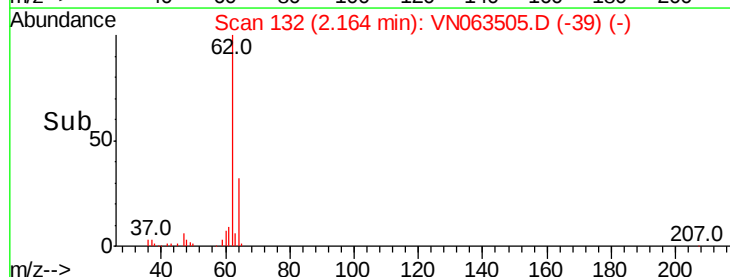
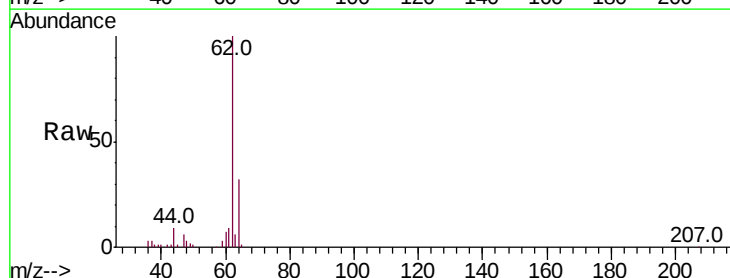
Acq: 22 Sep 2020 00:05

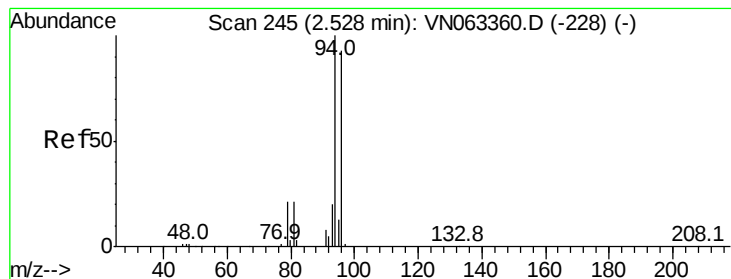
Tgt Ion: 62 Resp: 65984

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 20.697 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

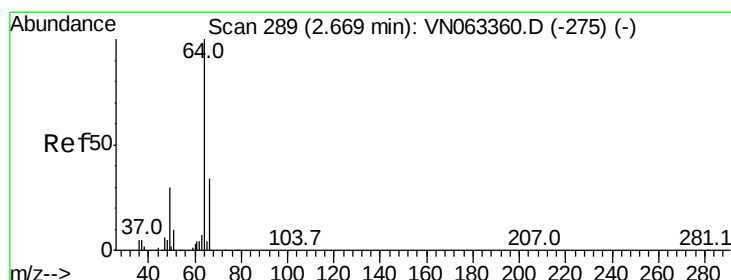
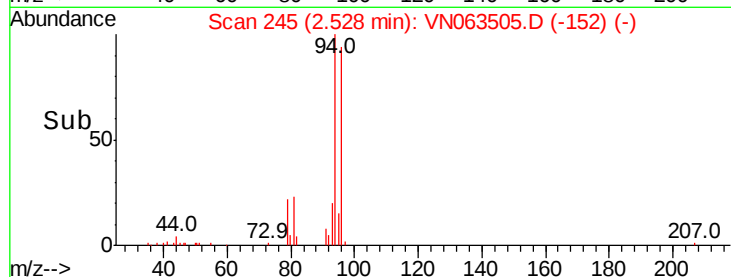
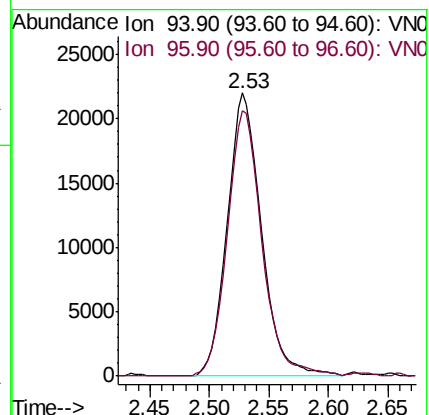
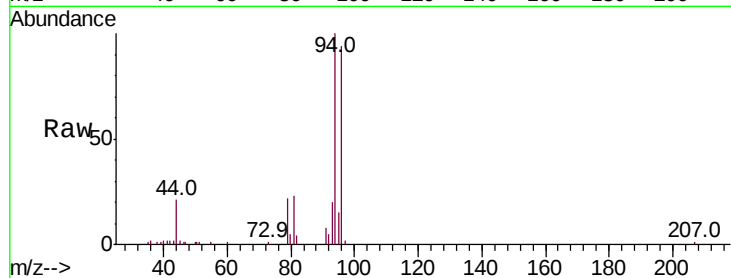
VN0921WBSD02

Tot Ion: 94 Resp: 43727

Ion Ratio Lower Upper

94 100

96 93.9 74.5 111.7



#6

Chloroethane

Concen: 18.318 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063505.D

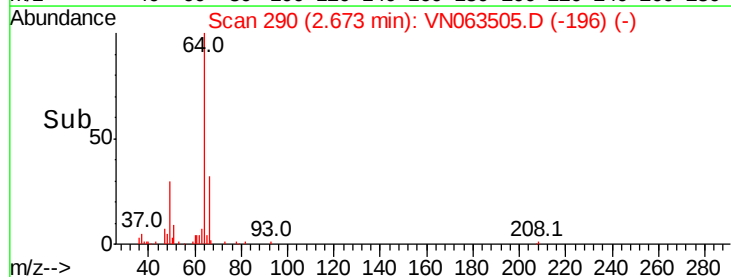
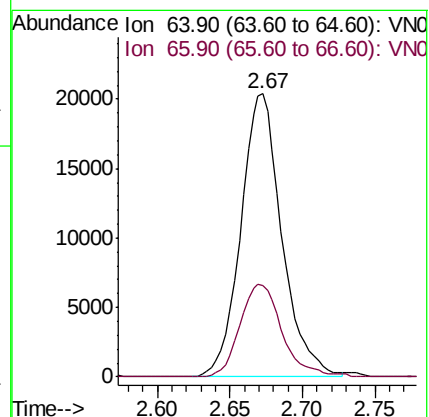
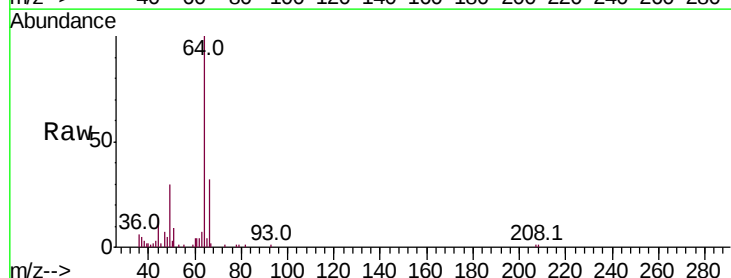
Acq: 22 Sep 2020 00:05

Tgt Ion: 64 Resp: 40010

Ion Ratio Lower Upper

64 100

66 32.2 26.9 40.3



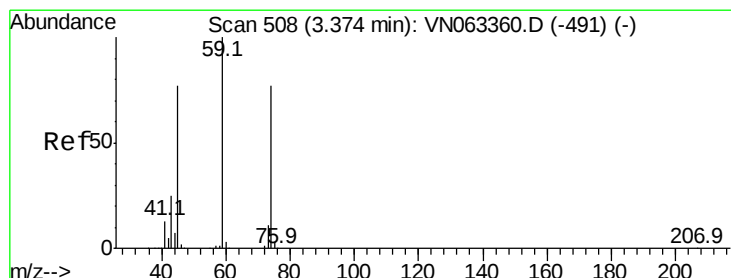
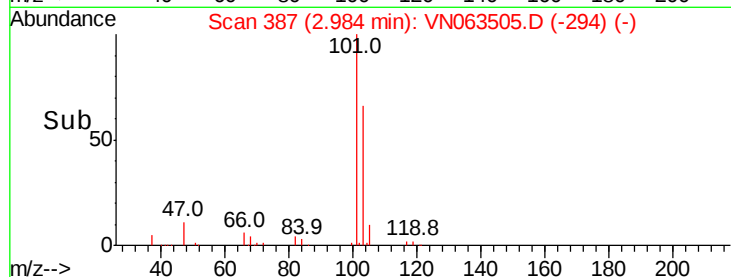
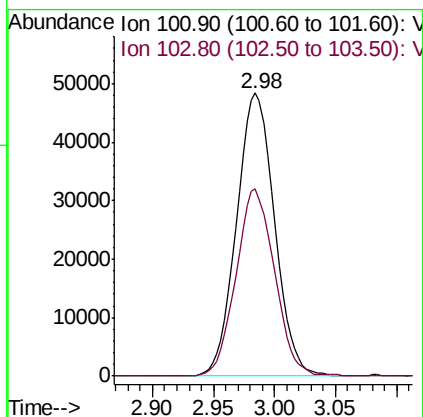
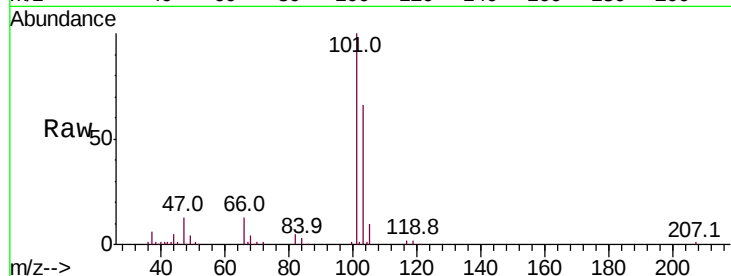


#7

Trichlorofluoromethane
 Concen: 19.625 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

Instrument :
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 VN0921WBSD02

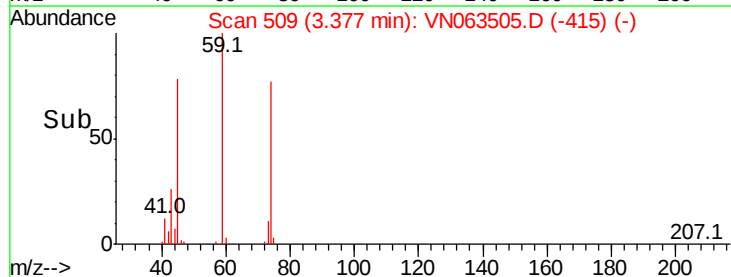
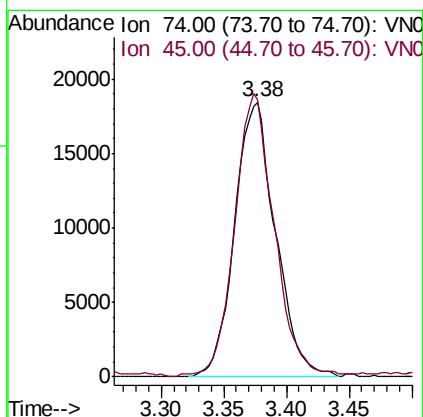
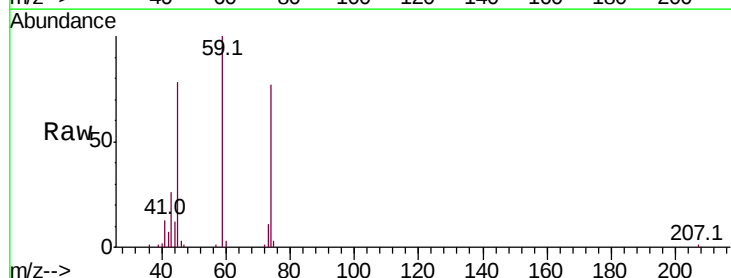
Tot Ion:101 Resp: 104187
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.3 78.5

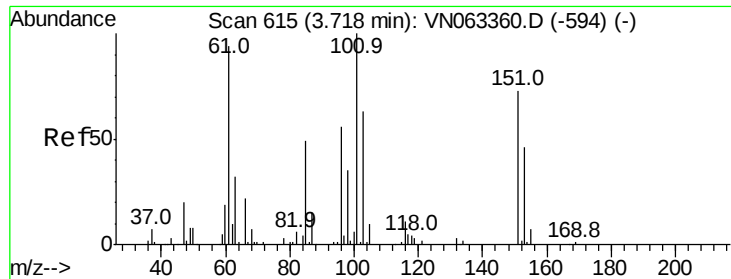


#8

Diethyl Ether
 Concen: 20.238 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

Tgt Ion: 74 Resp: 41883
 Ion Ratio Lower Upper
 74 100
 45 100.0 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.951 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

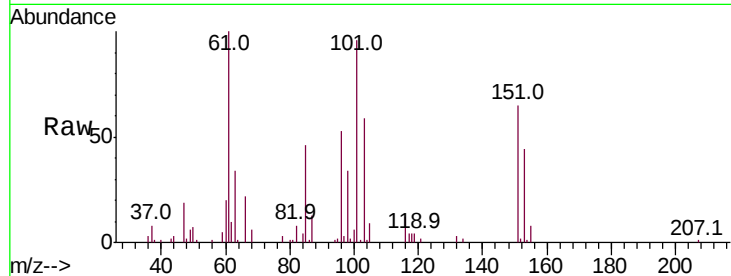
Tot Ion:101 Resp: 56581

Ion Ratio Lower Upper

101 100

85 47.6 37.7 56.5

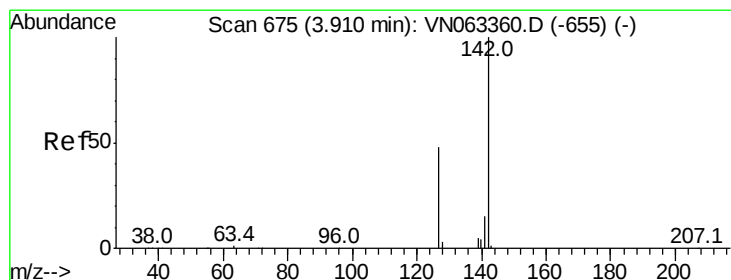
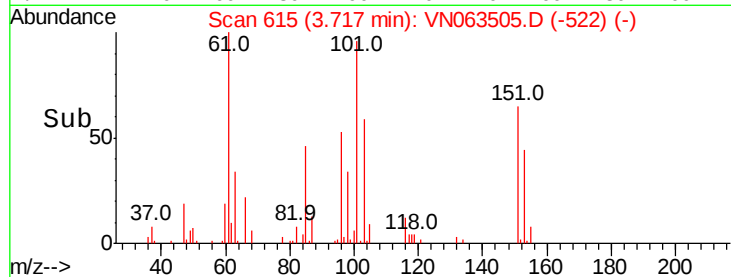
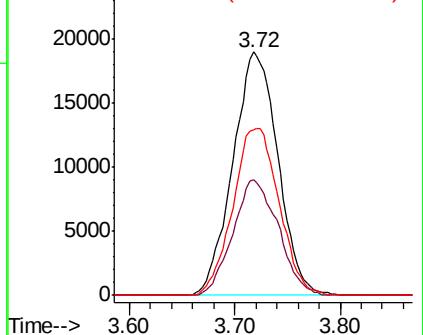
151 69.9 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.923 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

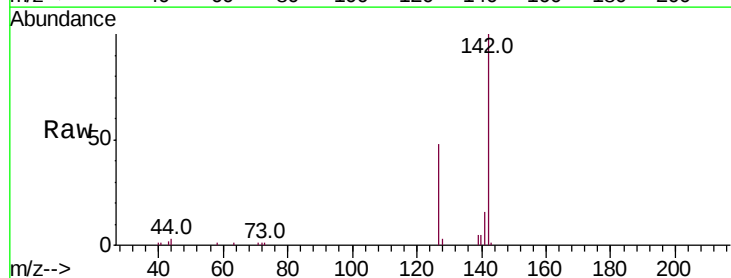
Tgt Ion:142 Resp: 73554

Ion Ratio Lower Upper

142 100

127 49.9 39.0 58.6

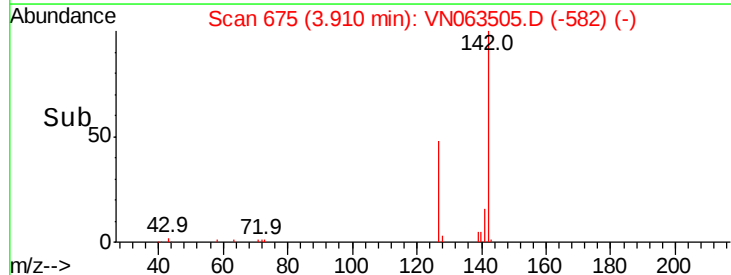
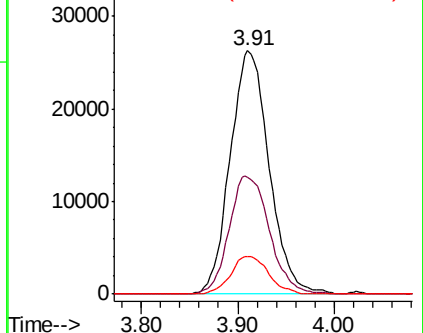
141 15.0 11.6 17.4

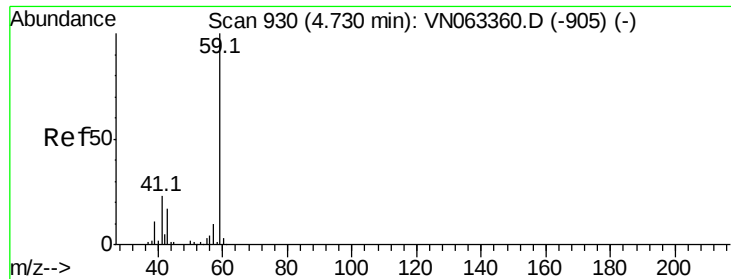


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



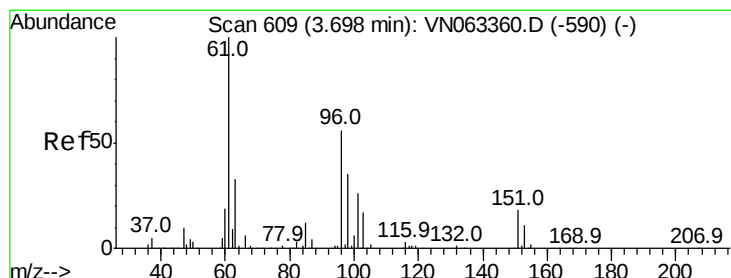
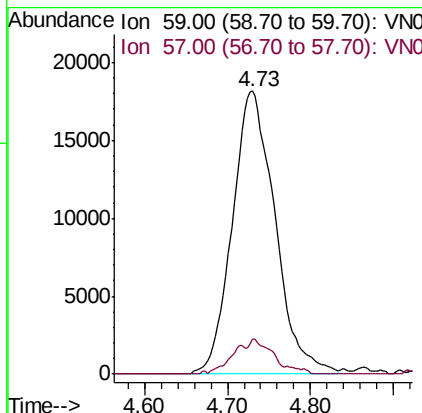
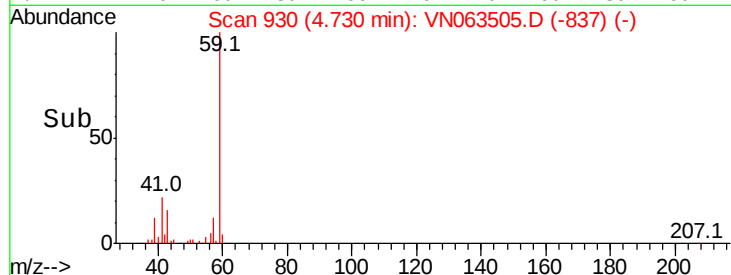
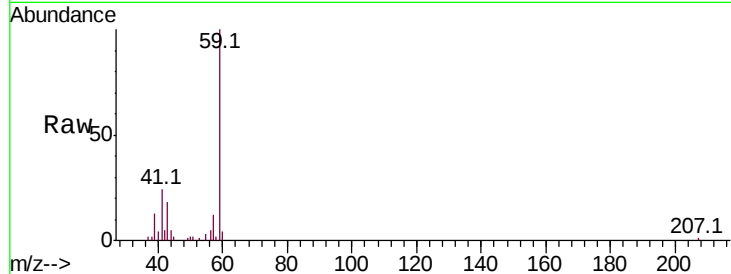


#11

Tert butyl alcohol
 Concen: 103.105 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

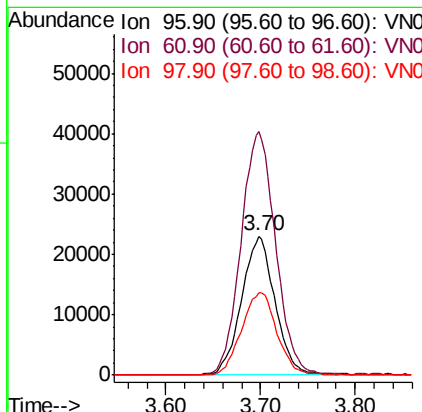
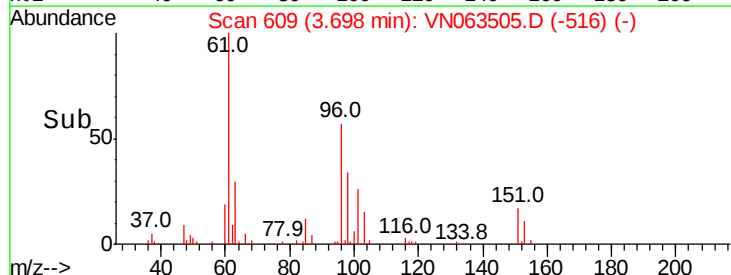
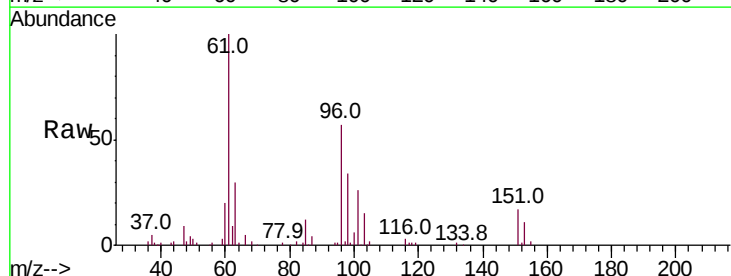
Tot Ion: 59 Resp: 65157
 Ion Ratio Lower Upper
 59 100
 57 7.1 8.4 12.6#

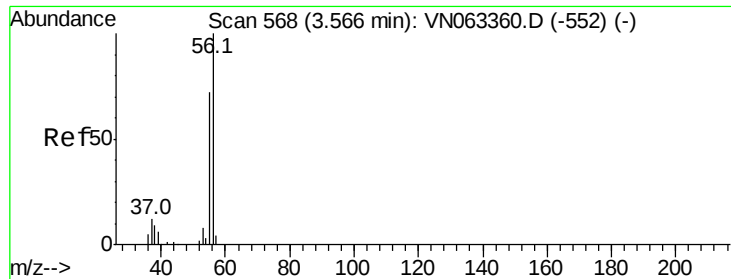


#12

1,1-Dichloroethene
 Concen: 18.708 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

Tgt Ion: 96 Resp: 56574
 Ion Ratio Lower Upper
 96 100
 61 175.6 143.4 215.2
 98 58.9 50.6 76.0





#13

Acrolein

Concen: 118.203 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

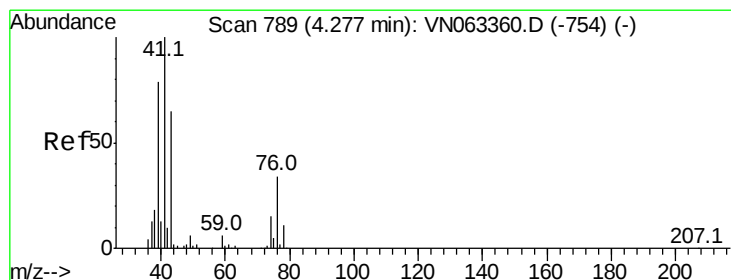
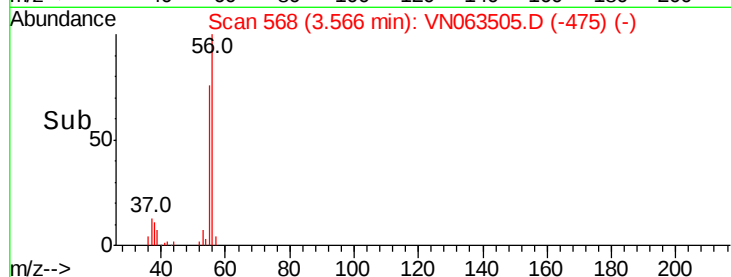
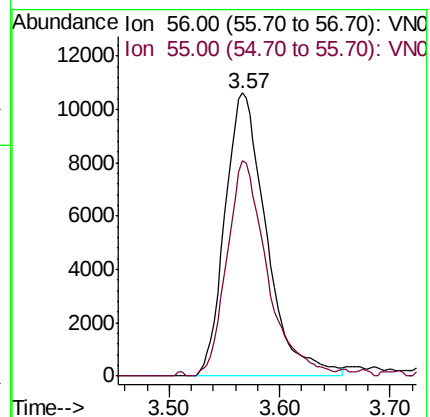
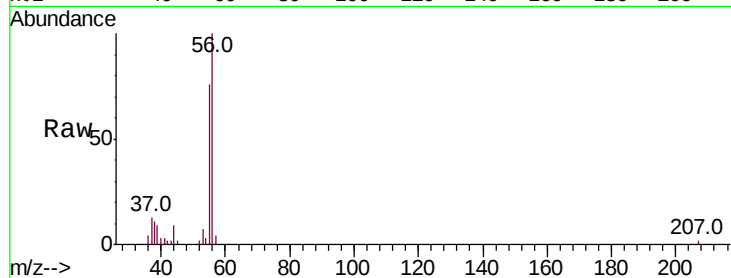
VN0921WBSD02

Tot Ion: 56 Resp: 27682

Ion Ratio Lower Upper

56 100

55 74.0 58.2 87.2



#14

Allyl chloride

Concen: 18.271 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

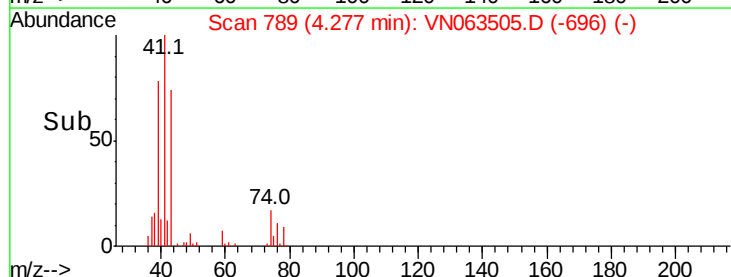
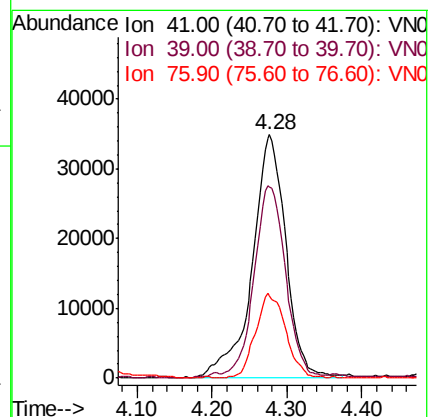
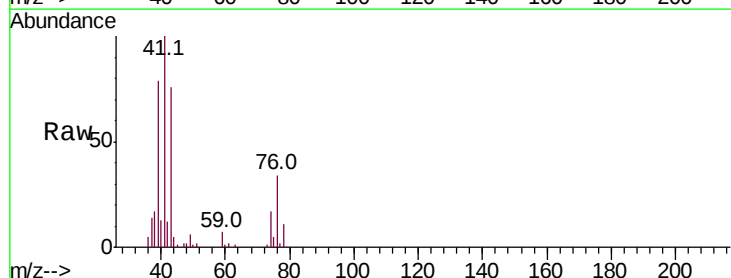
Tgt Ion: 41 Resp: 109294

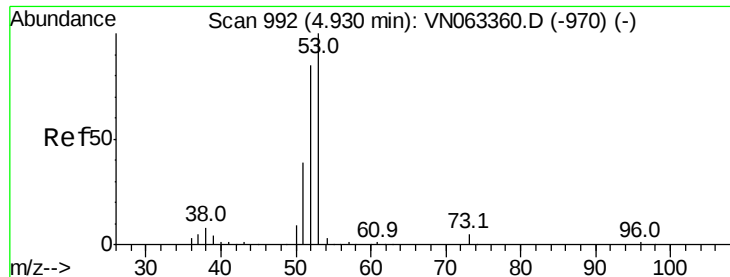
Ion Ratio Lower Upper

41 100

39 72.2 59.3 88.9

76 31.3 25.3 37.9





#15

Acrylonitrile

Concen: 101.959 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

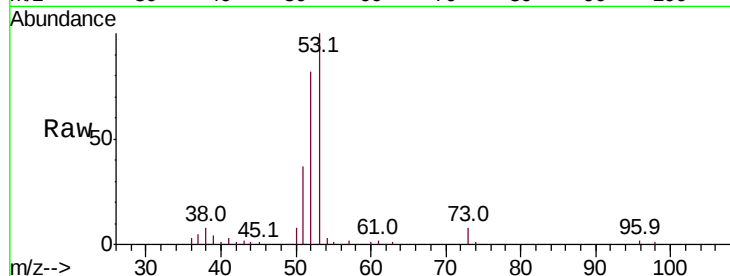
Tot Ion: 53 Resp: 163895

Ion Ratio Lower Upper

53 100

52 83.2 66.4 99.6

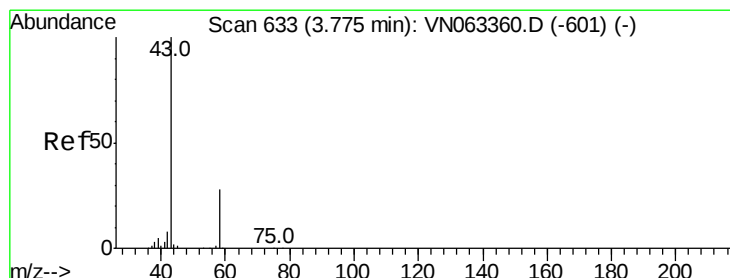
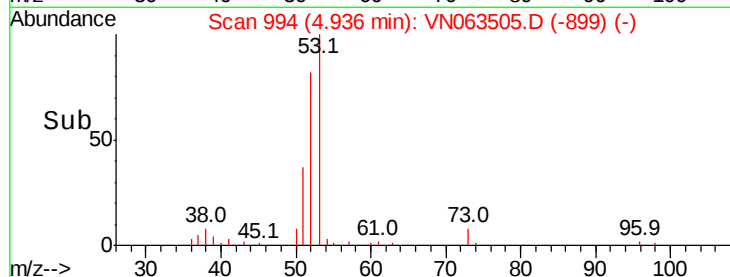
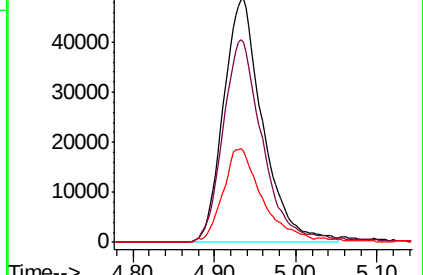
51 38.6 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063360.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063360.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063360.D (-970) (-)



#16

Acetone

Concen: 102.954 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN063505.D

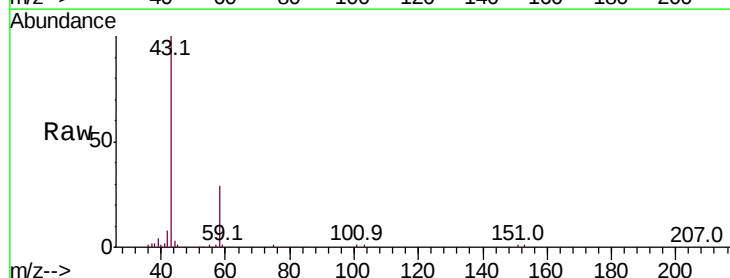
Acq: 22 Sep 2020 00:05

Tgt Ion: 43 Resp: 150934

Ion Ratio Lower Upper

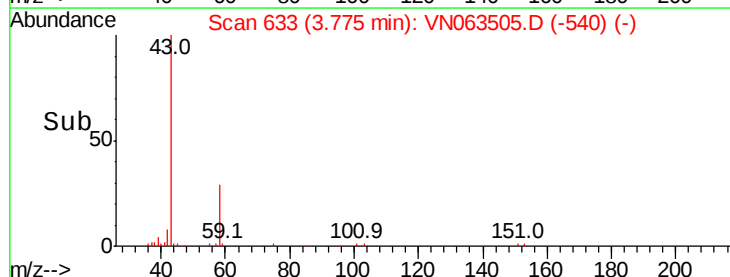
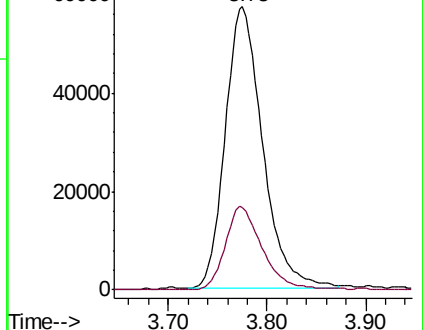
43 100

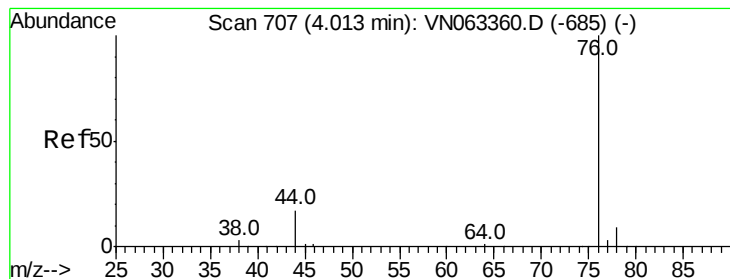
58 29.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063360.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN063360.D (-601) (-)





#17

Carbon Disulfide

Concen: 17.389 ug/l

RT: 4.01 min Scan# 707

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

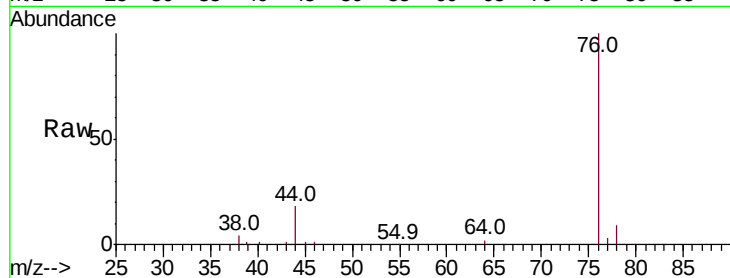
VN0921WBSD02

Tot Ion: 76 Resp: 152959

Ion Ratio Lower Upper

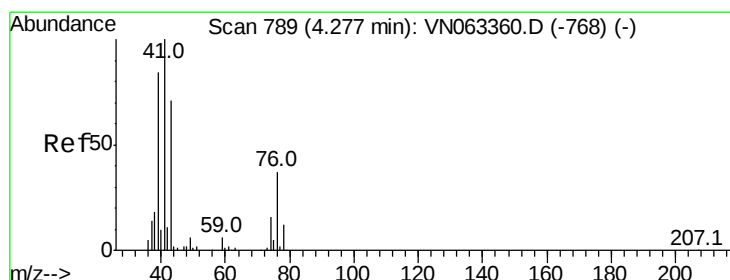
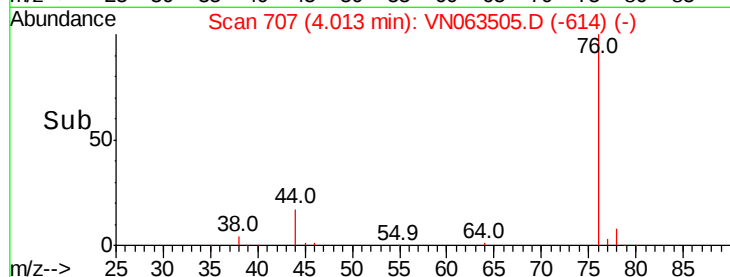
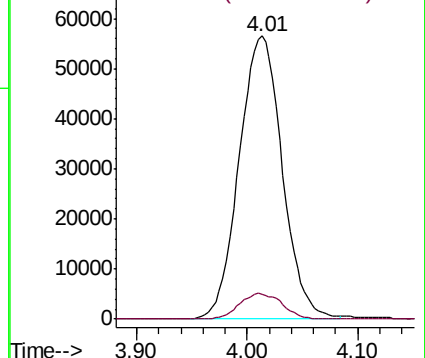
76 100

78 8.8 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: 20.965 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063505.D

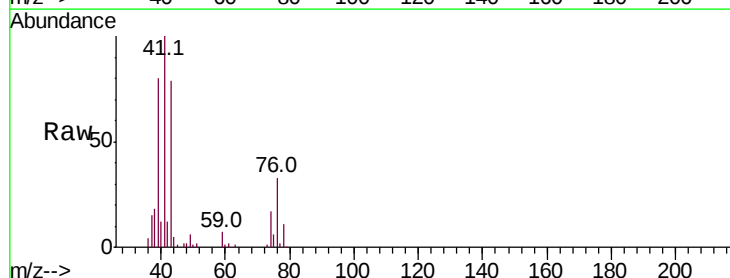
Acq: 22 Sep 2020 00:05

Tgt Ion: 43 Resp: 78027

Ion Ratio Lower Upper

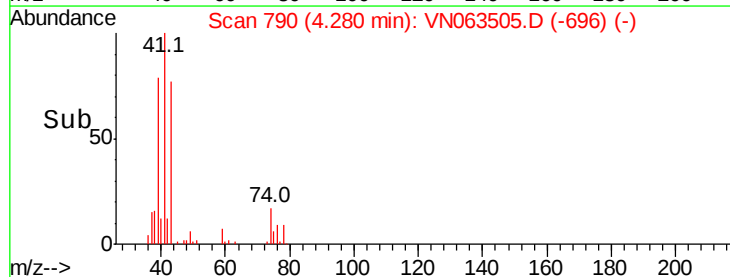
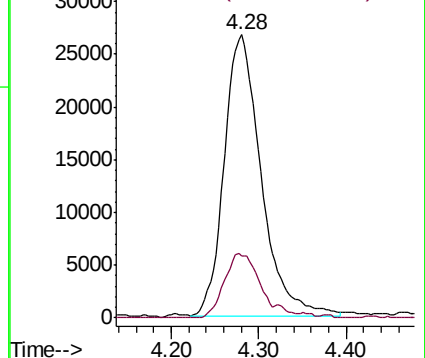
43 100

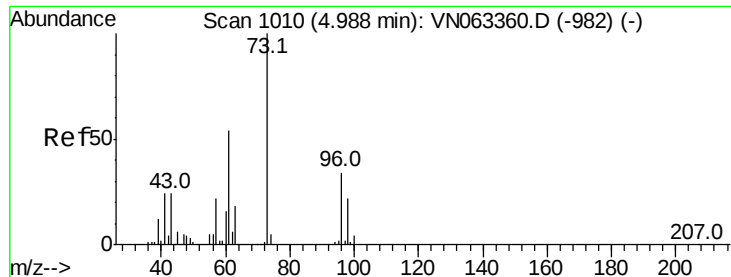
74 21.1 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

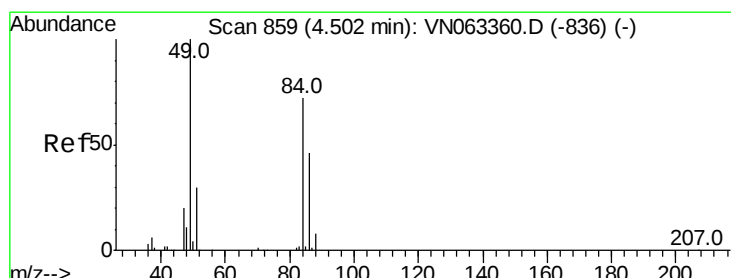
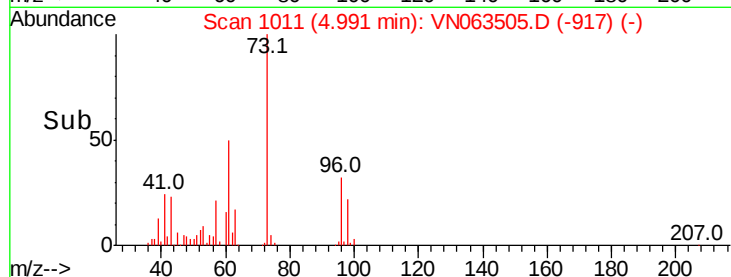
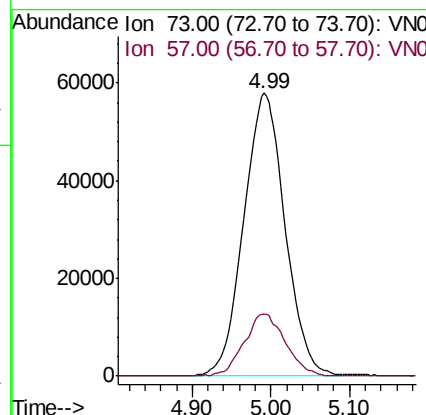
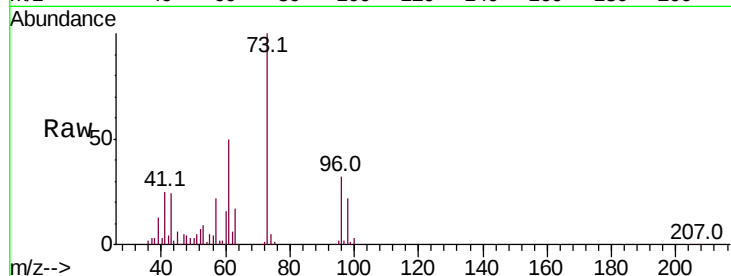




#19
Methvl tert-butvl Ether
Concen: 18.979 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

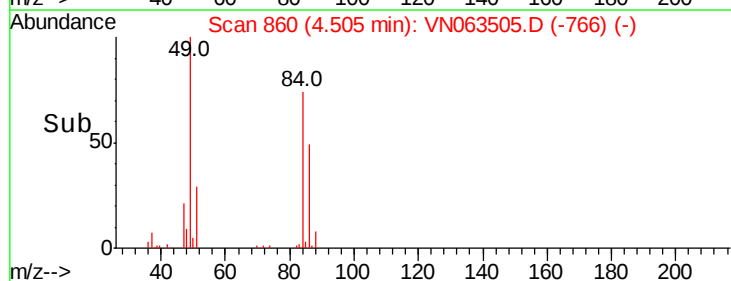
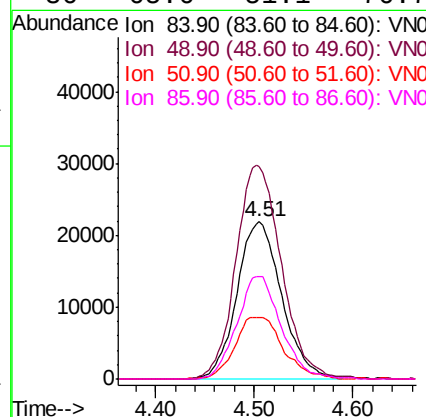
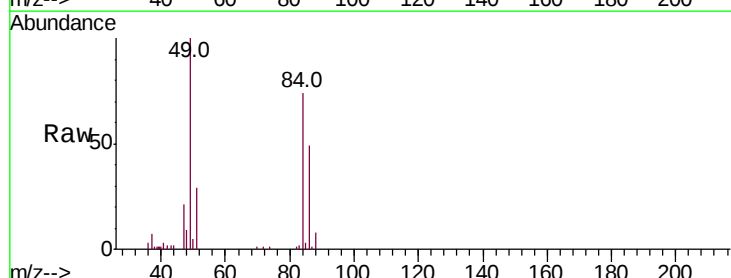
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

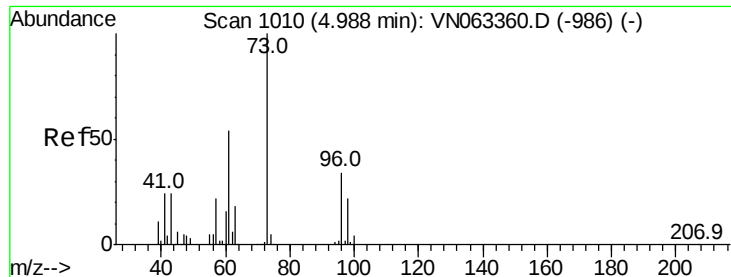
Tot Ion: 73 Resp: 213910
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9



#20
Methylene Chloride
Concen: 18.507 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

Tgt Ion: 84 Resp: 68743
Ion Ratio Lower Upper
84 100
49 134.5 110.7 166.1
51 39.1 32.9 49.3
86 65.6 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 18.703 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

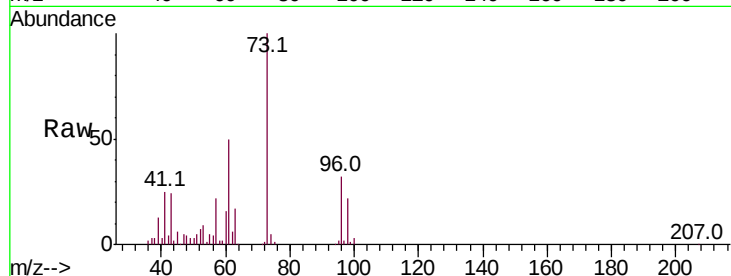
Tot Ion: 96 Resp: 62664

Ion Ratio Lower Upper

96 100

61 156.5 126.2 189.4

98 68.8 51.0 76.4

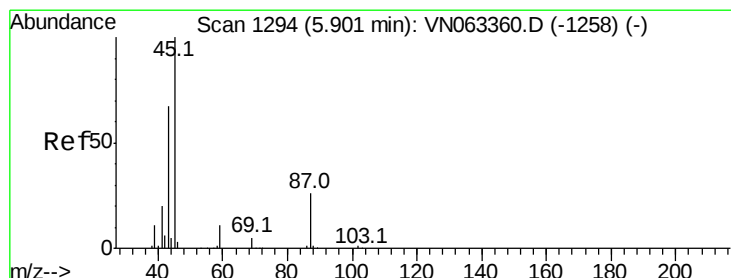
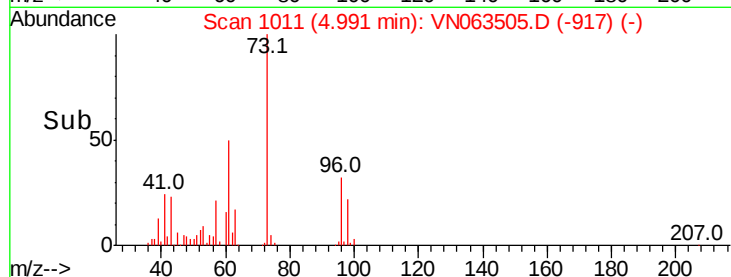
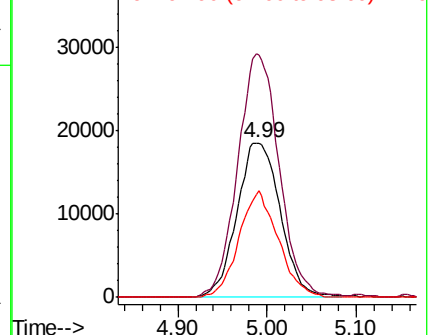


Abundance

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



#22

Diisopropyl ether

Concen: 18.944 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Tgt Ion: 45 Resp: 231108

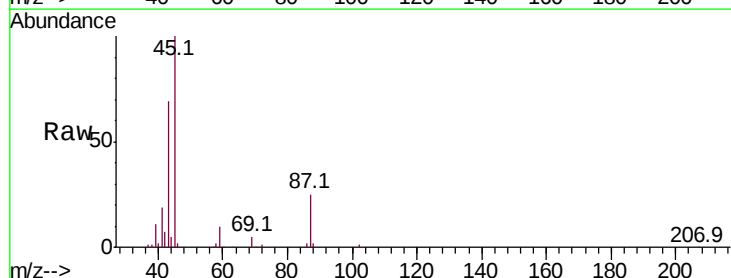
Ion Ratio Lower Upper

45 100

43 67.5 53.5 80.3

87 24.9 21.2 31.8

59 10.3 8.8 13.2



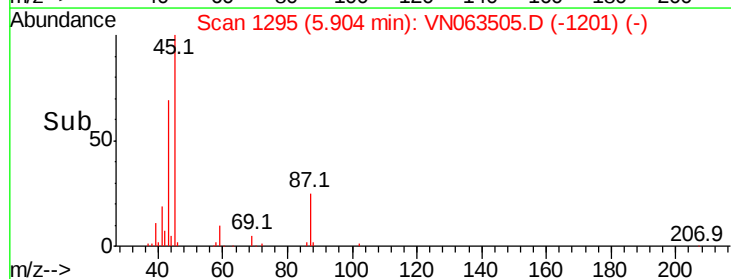
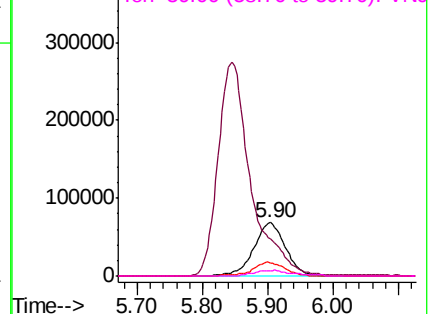
Abundance

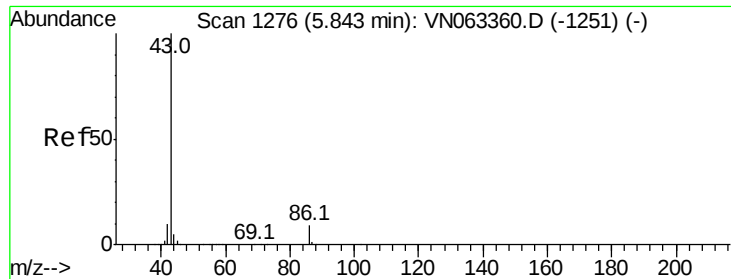
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 95.900 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleID :

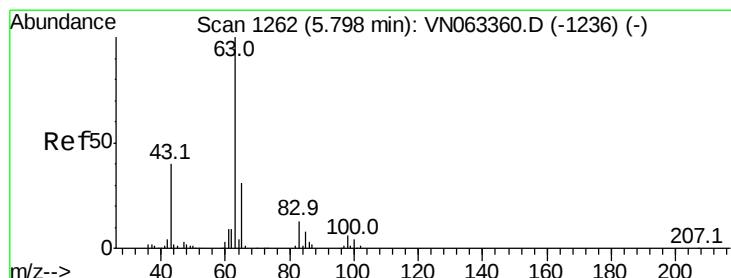
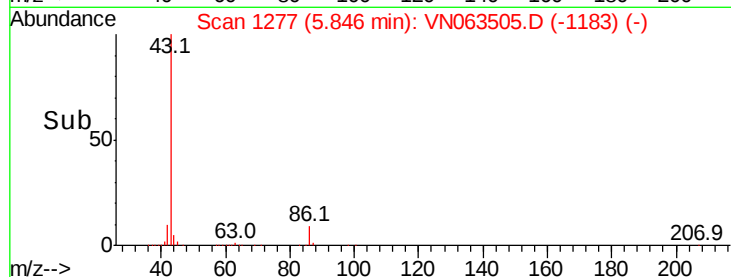
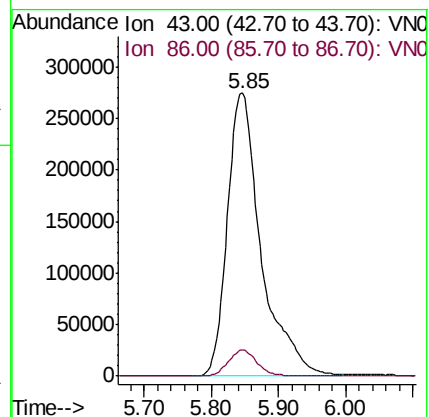
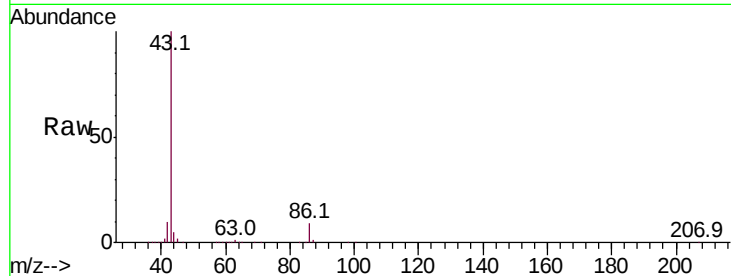
VN0921WBSD02

Tot Ion: 43 Resp: 960825

Ion Ratio Lower Upper

43 100

86 9.4 7.1 10.7



#24

1,1-Dichloroethane

Concen: 18.357 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

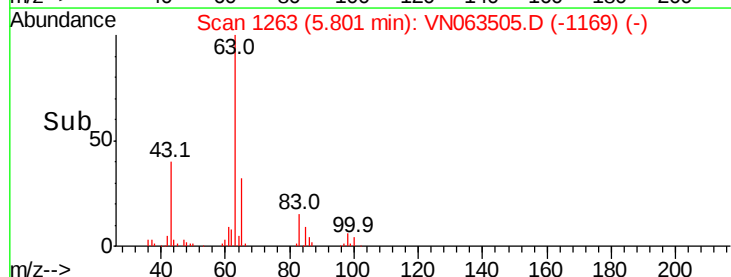
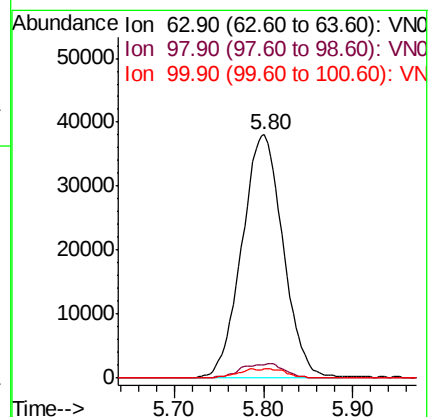
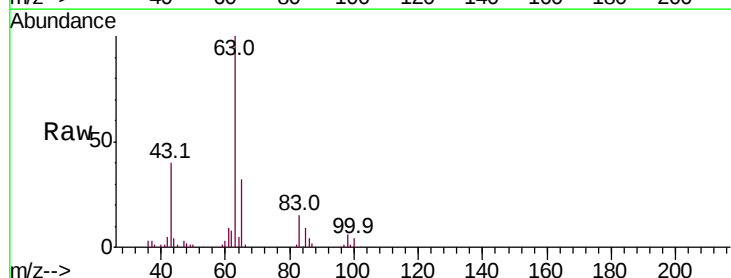
Tgt Ion: 63 Resp: 122264

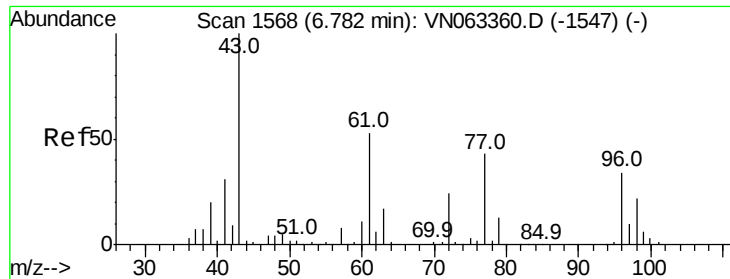
Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 3.7 2.1 6.3

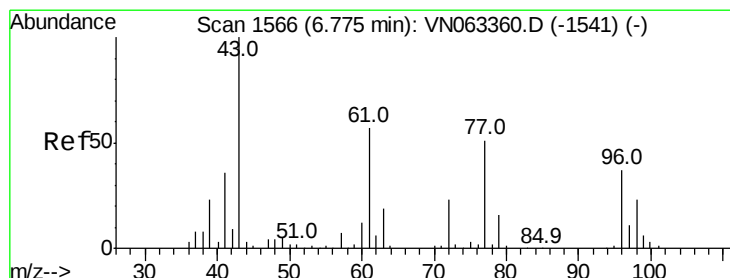
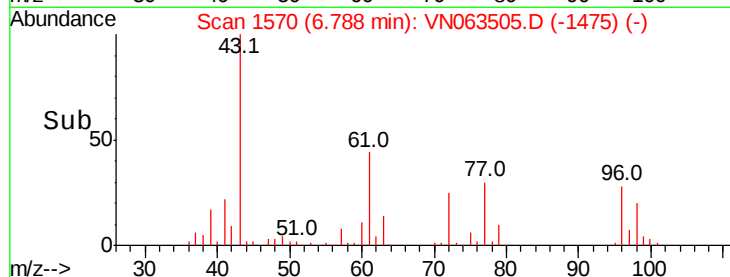
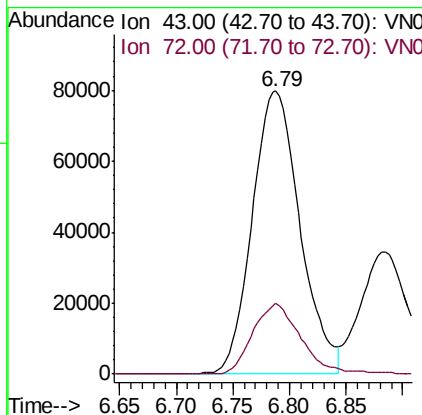
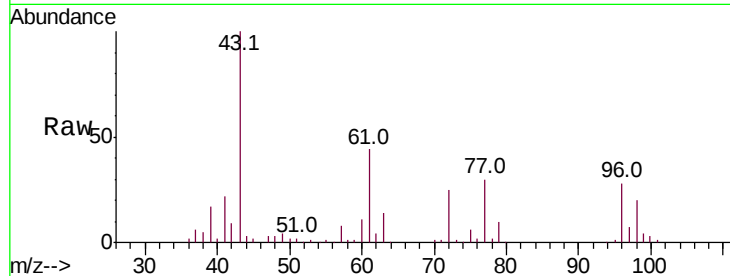




#25
2-Butanone
Concen: 103.333 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

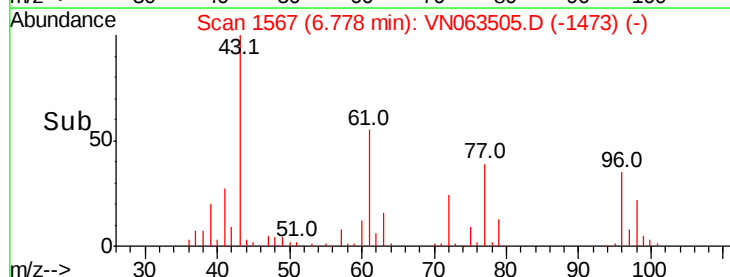
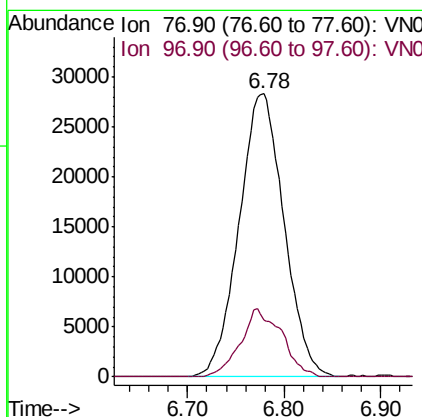
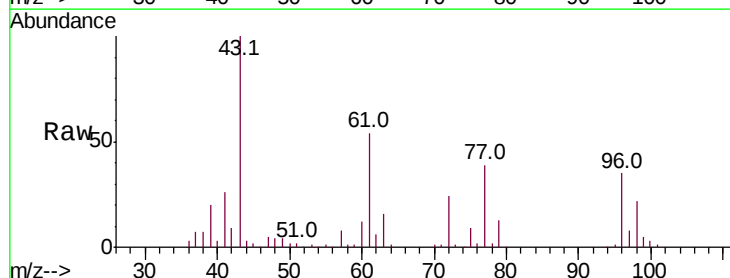
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

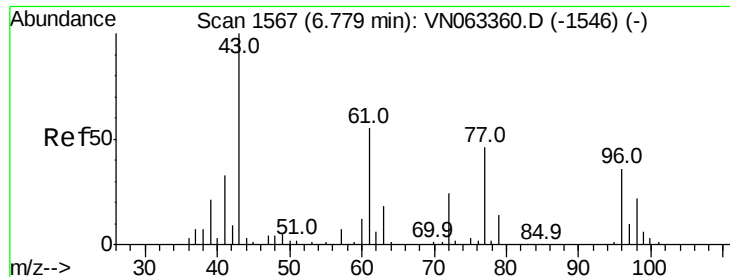
Tot Ion: 43 Resp: 232987
Ion Ratio Lower Upper
43 100
72 24.9 19.2 28.8



#26
2,2-Dichloropropane
Concen: 15.583 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

Tgt Ion: 77 Resp: 91379
Ion Ratio Lower Upper
77 100
97 22.1 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 19.277 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

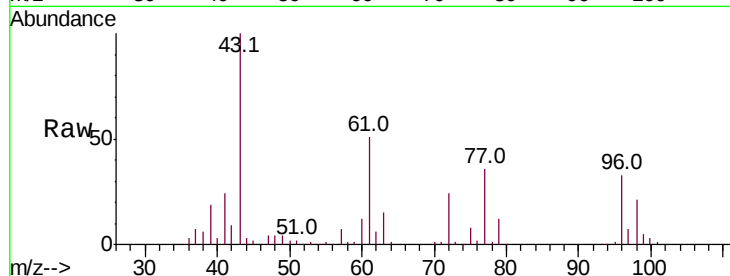
Tot Ion: 96 Resp: 73104

Ion Ratio Lower Upper

96 100

61 156.1 0.0 319.6

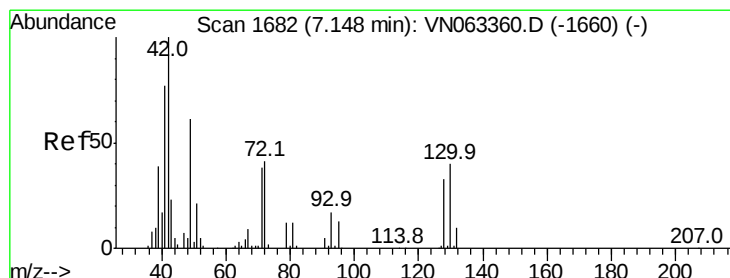
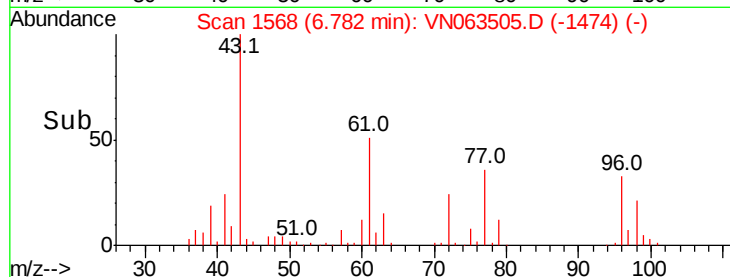
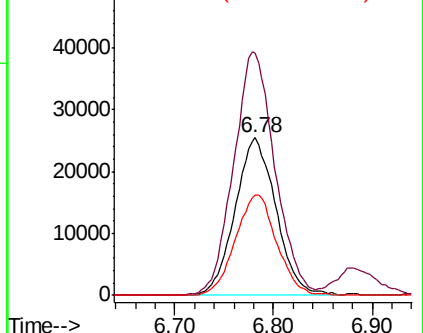
98 64.2 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.665 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

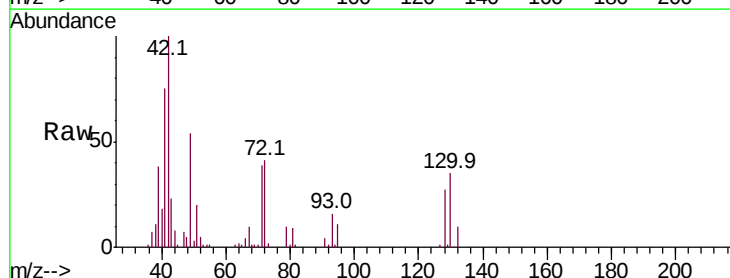
Tgt Ion: 49 Resp: 57400

Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.8

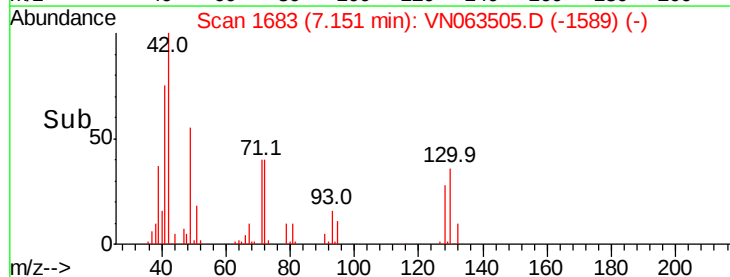
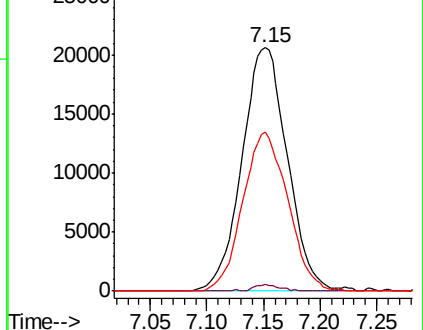
130 64.7 52.2 78.2

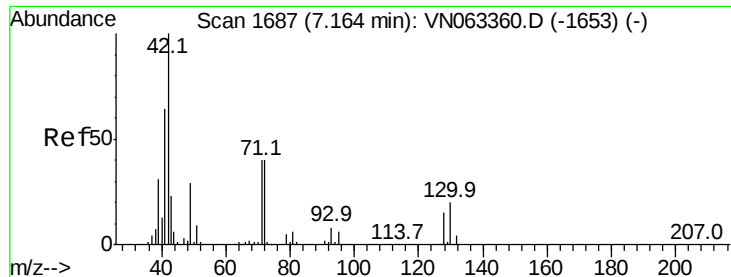


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 102.102 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

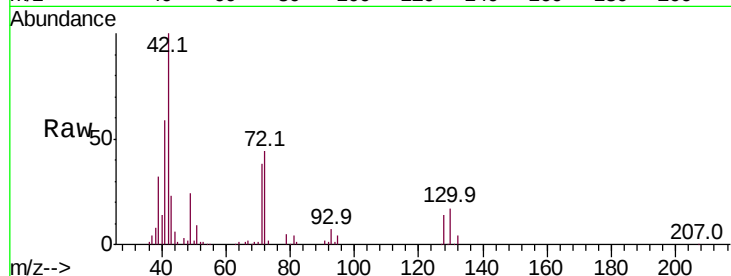
Tot Ion: 42 Resp: 157229

Ion Ratio Lower Upper

42 100

72 41.2 32.1 48.1

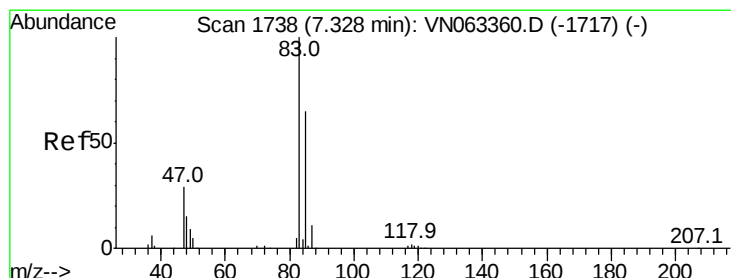
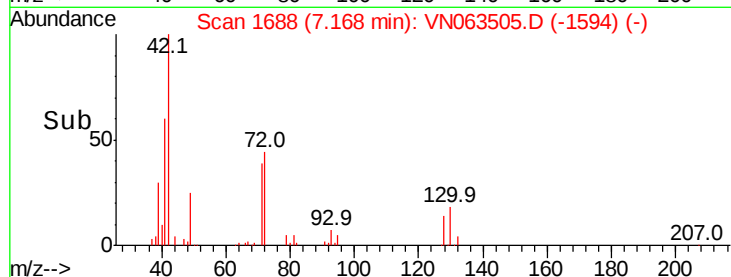
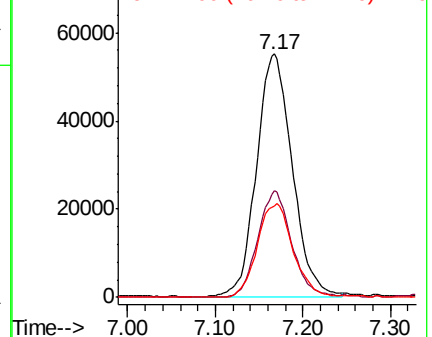
71 38.5 31.2 46.8



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: 18.953 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063505.D

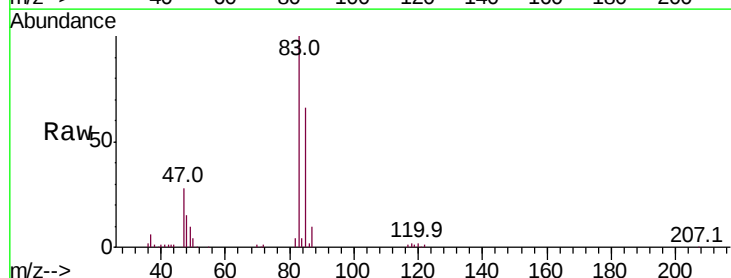
Acq: 22 Sep 2020 00:05

Tgt Ion: 83 Resp: 126648

Ion Ratio Lower Upper

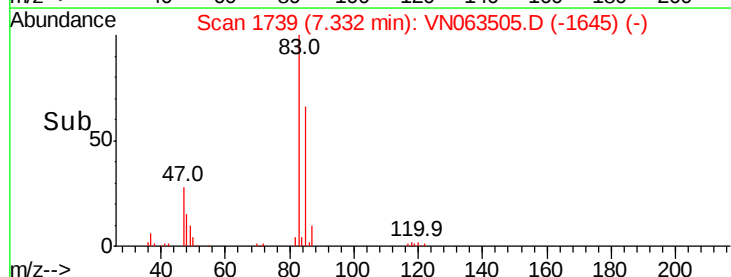
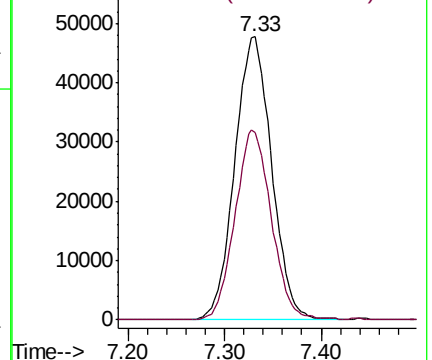
83 100

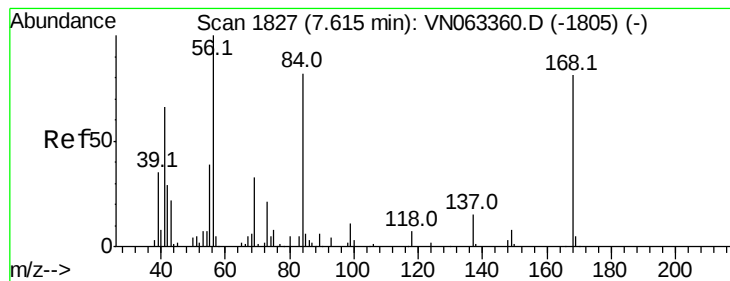
85 66.0 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 16.999 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleID :

VN0921WBSD02

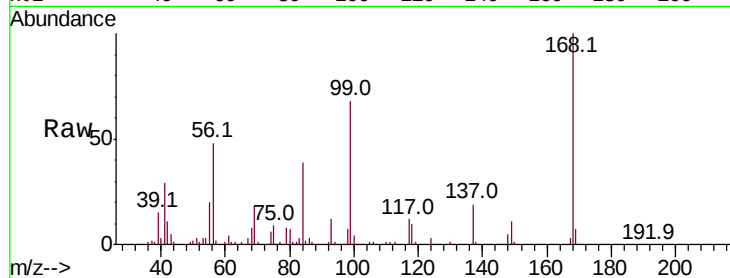
Tot Ion: 56 Resp: 107095

Ion Ratio Lower Upper

56 100

69 37.7 26.1 39.1

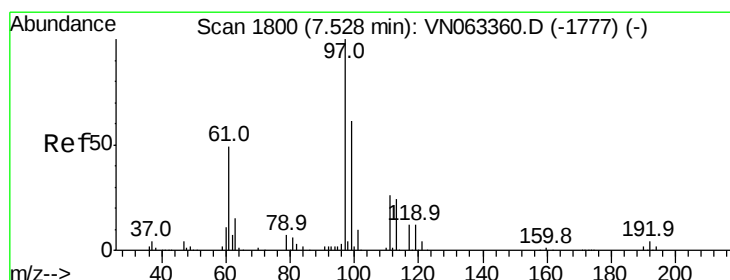
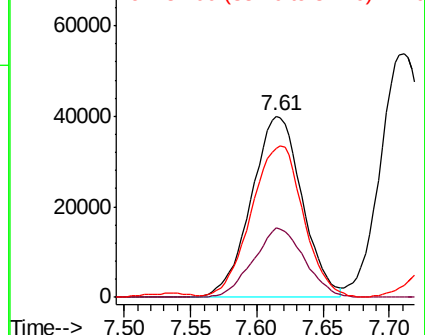
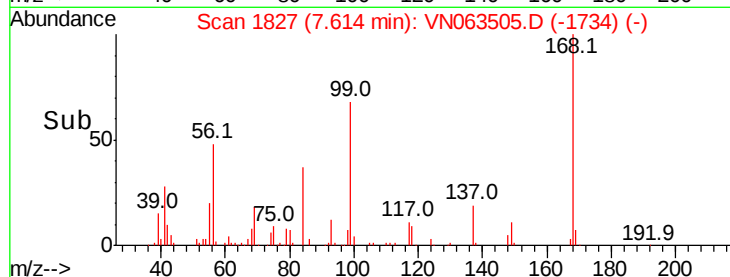
84 80.9 65.4 98.2



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: 18.797 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

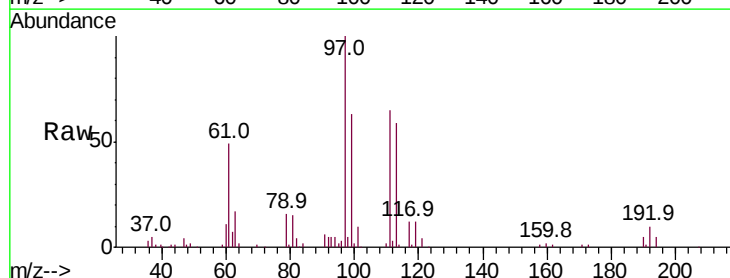
Tgt Ion: 97 Resp: 111716

Ion Ratio Lower Upper

97 100

99 62.8 50.6 76.0

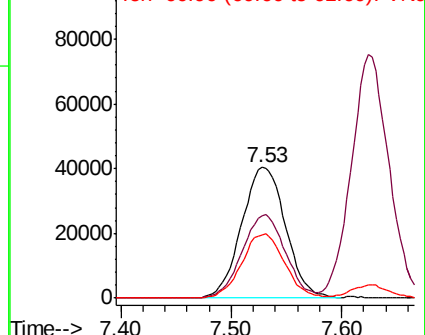
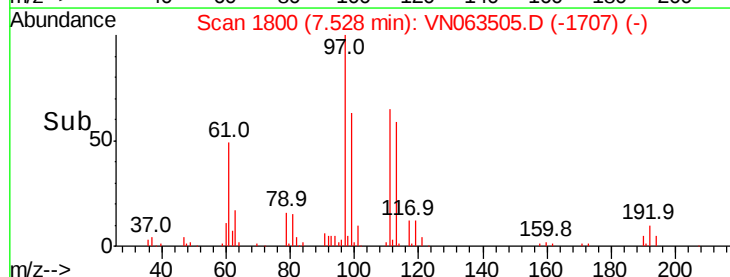
61 47.9 39.2 58.8

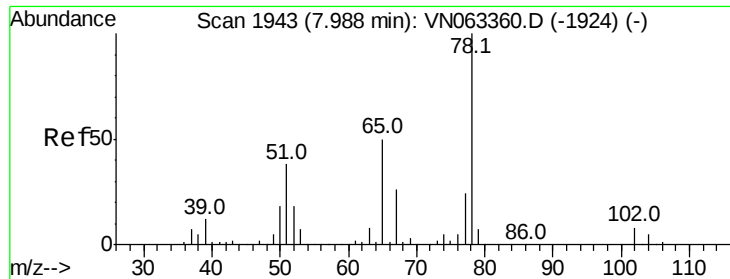


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

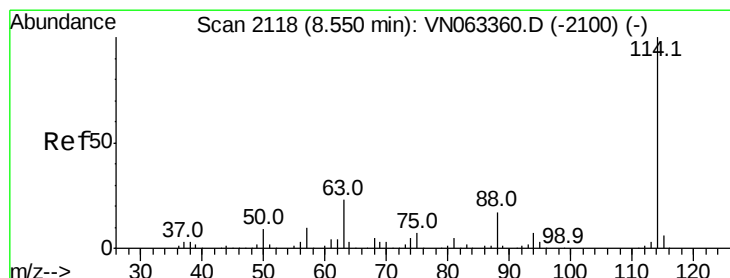
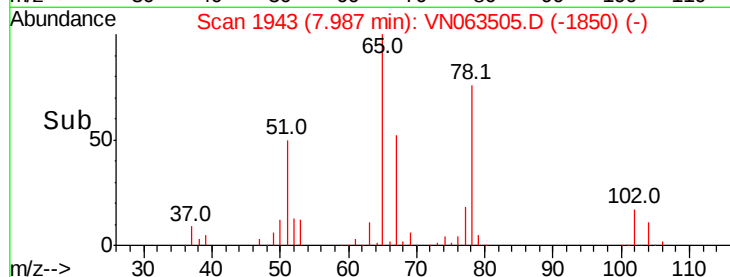
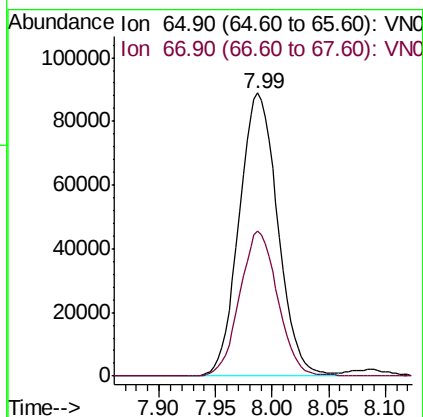
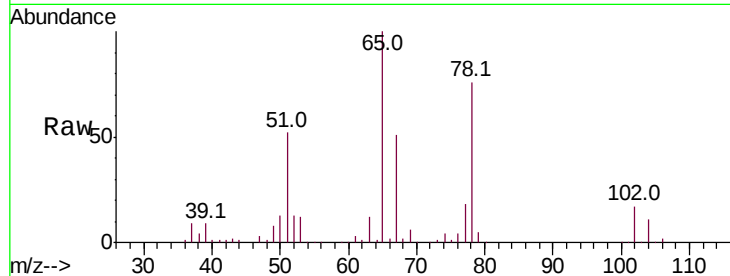




#33
 1,2-Dichloroethane-d4
 Concen: 46.375 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

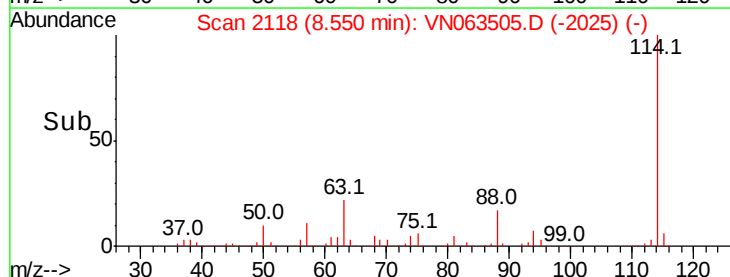
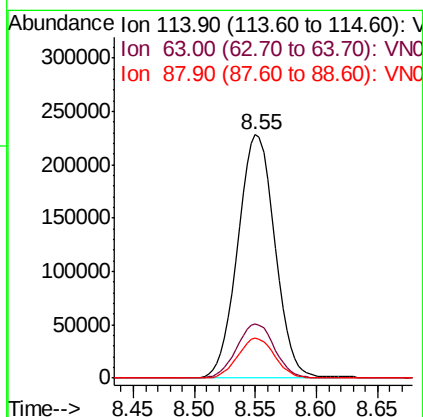
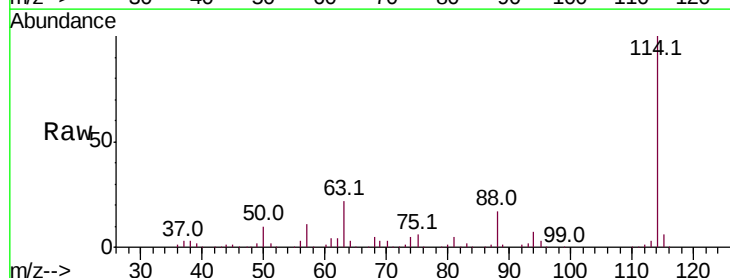
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0921WBSD02

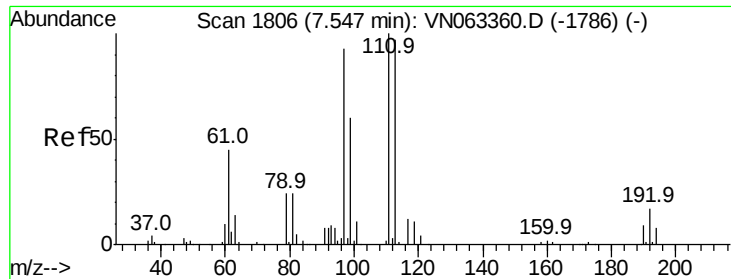
Tot Ion: 65 Resp: 211546
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

Tgt Ion: 114 Resp: 479564
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 46.4
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 44.888 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

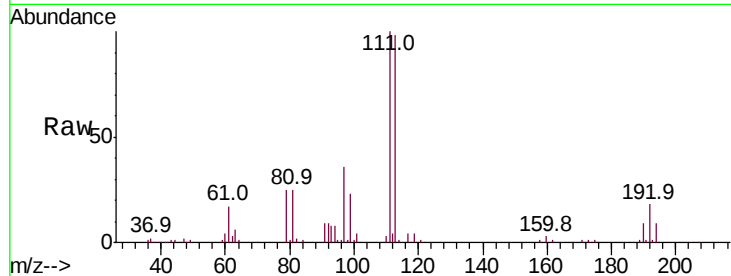
Tot Ion:113 Resp: 149024

Ion Ratio Lower Upper

113 100

111 104.0 82.9 124.3

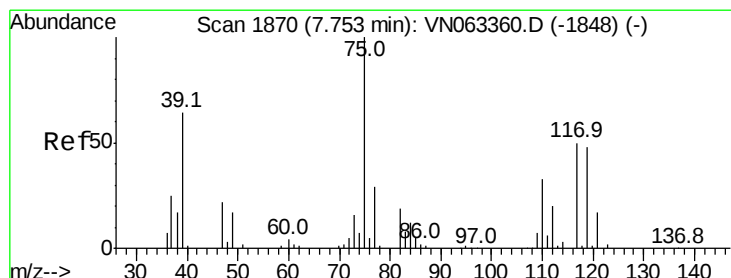
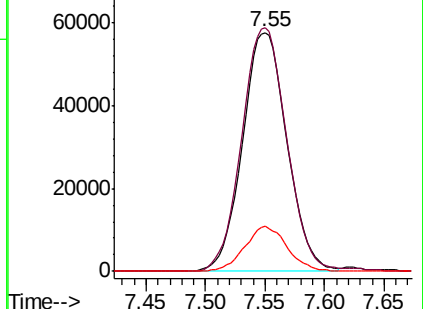
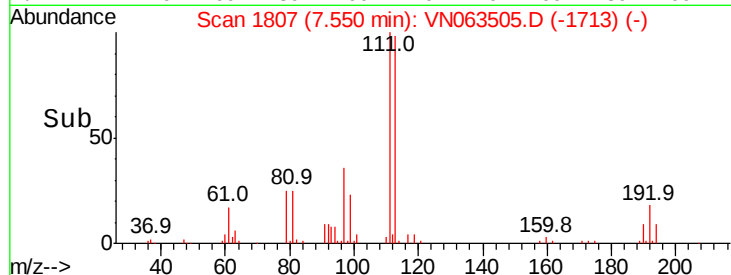
192 18.1 13.9 20.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.666 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

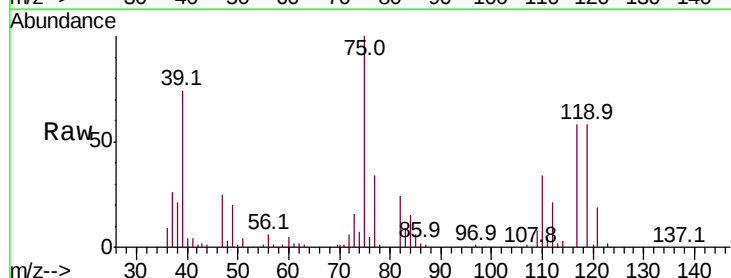
Tgt Ion: 75 Resp: 90255

Ion Ratio Lower Upper

75 100

110 33.7 16.5 49.5

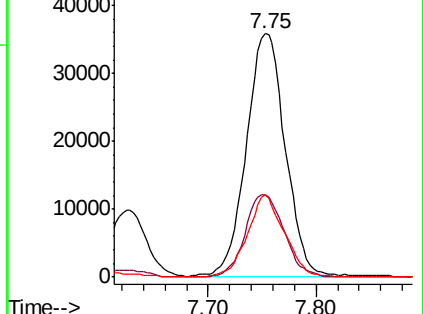
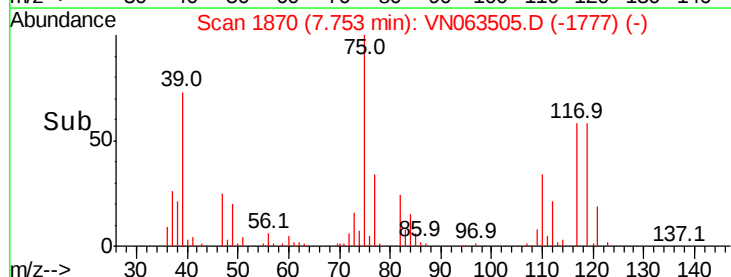
77 31.9 24.6 36.8

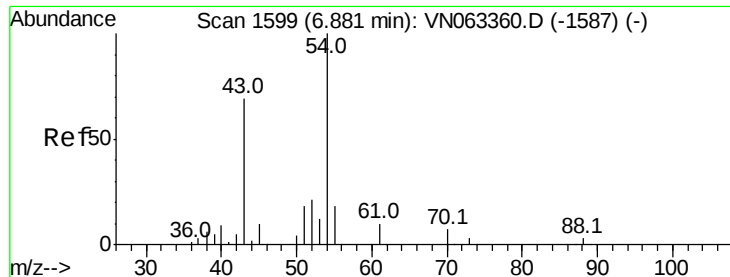


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

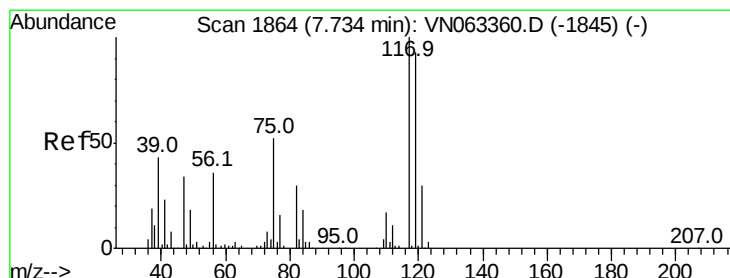
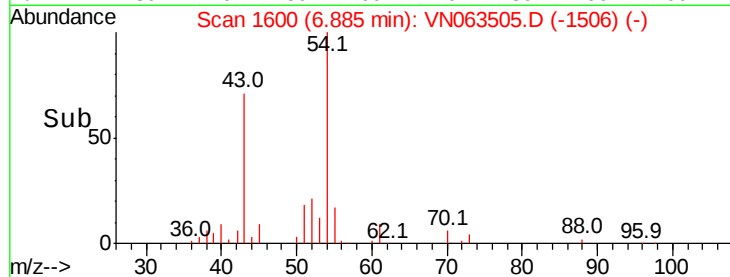
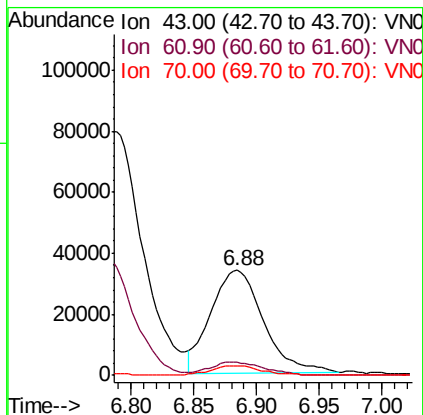
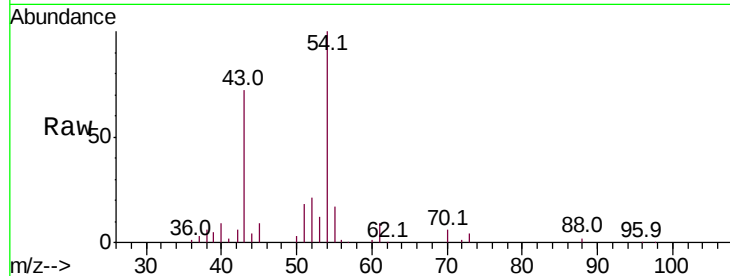




#37
Ethyl Acetate
Concen: 19.482 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

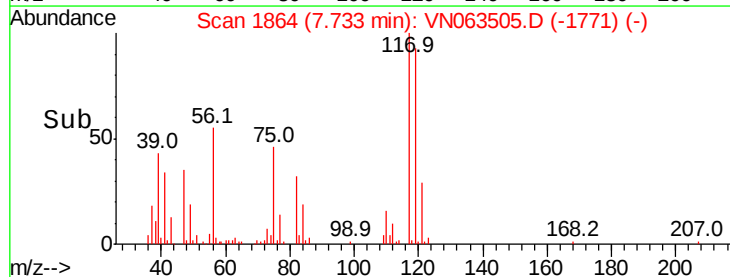
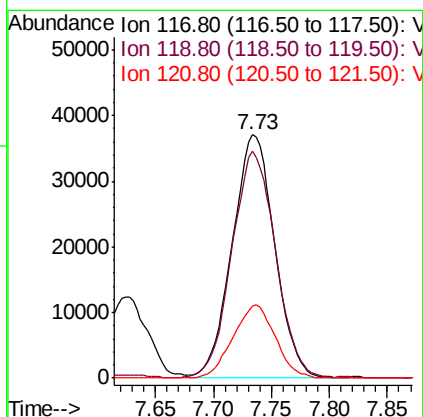
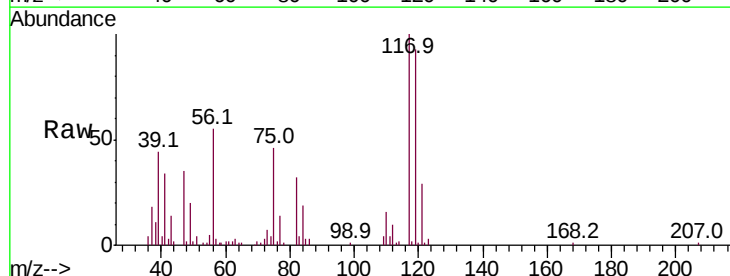
Instrument :
MSVOA_N
ClientSampled :
VN0921WBSD02

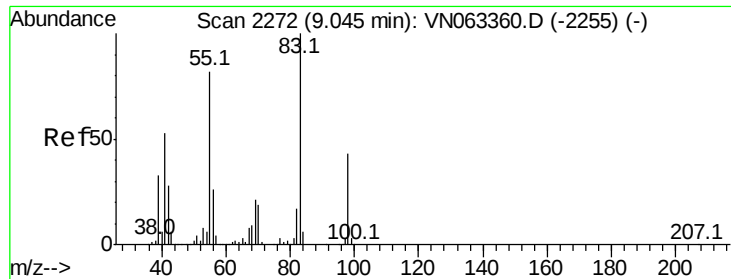
Tot Ion: 43 Resp: 97691
Ion Ratio Lower Upper
43 100
61 12.3 10.6 15.8
70 9.1 7.2 10.8



#38
Carbon Tetrachloride
Concen: 18.148 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

Tgt Ion: 117 Resp: 94649
Ion Ratio Lower Upper
117 100
119 92.5 74.5 111.7
121 29.4 24.1 36.1

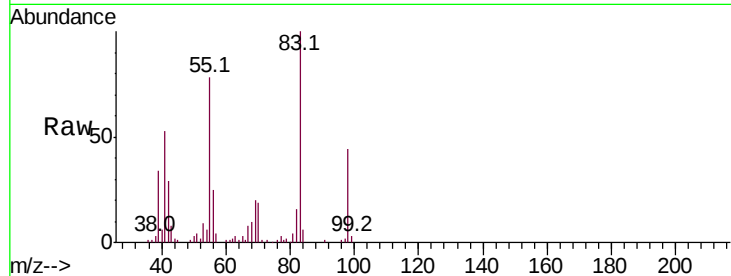




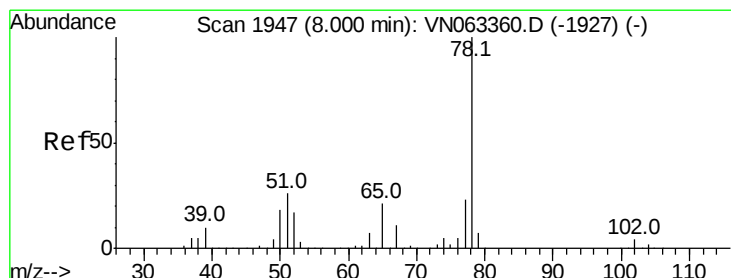
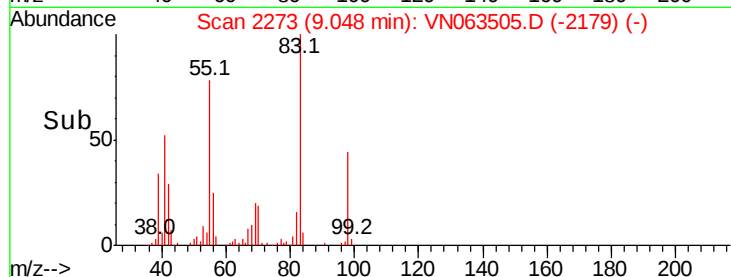
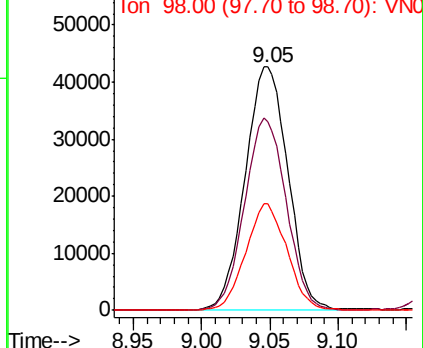
#39
Methvlcvclohexane
Concen: 16.762 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

Tot Ion: 83 Resp: 92947
Ion Ratio Lower Upper
83 100
55 77.7 65.5 98.3
98 43.8 34.2 51.4

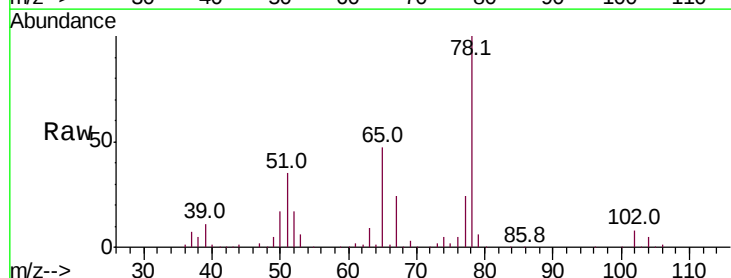


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

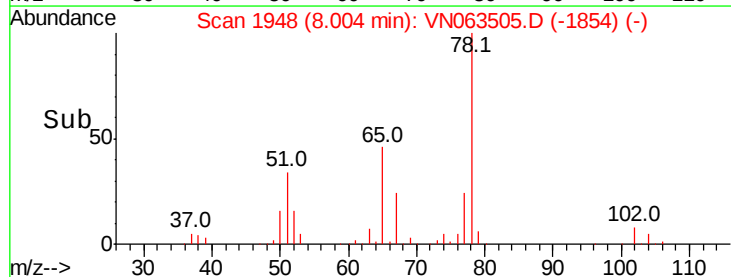
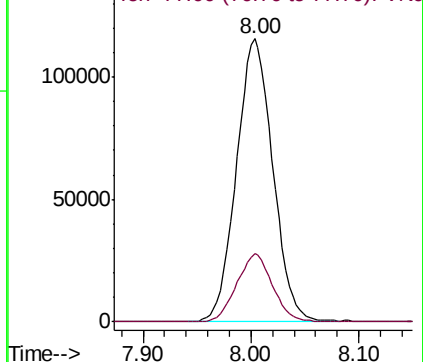


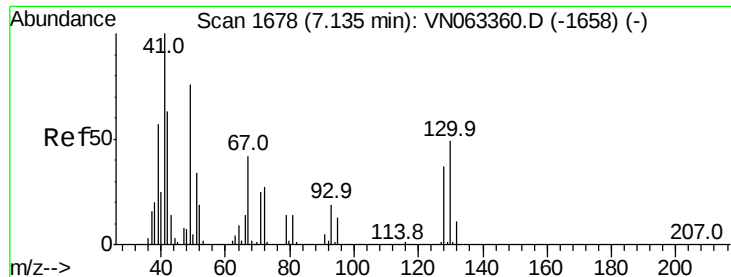
#40
Benzene
Concen: 18.600 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

Tgt Ion: 78 Resp: 271271
Ion Ratio Lower Upper
78 100
77 24.0 18.3 27.5



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

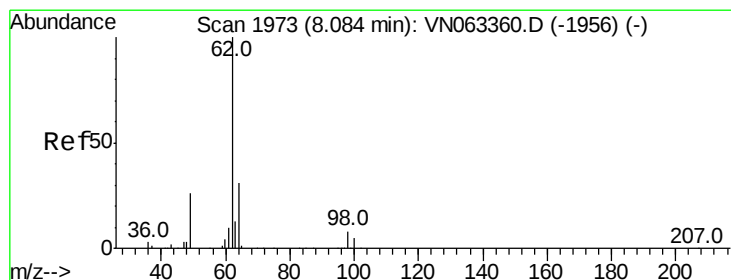
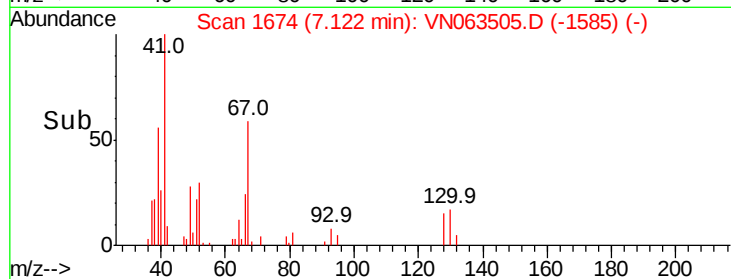
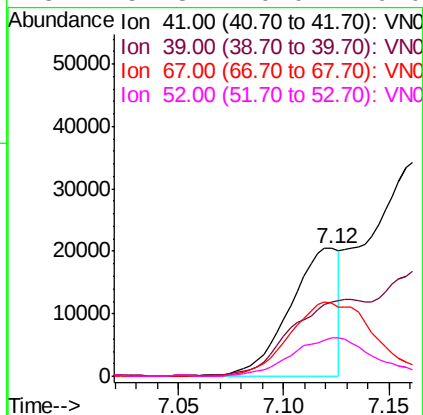
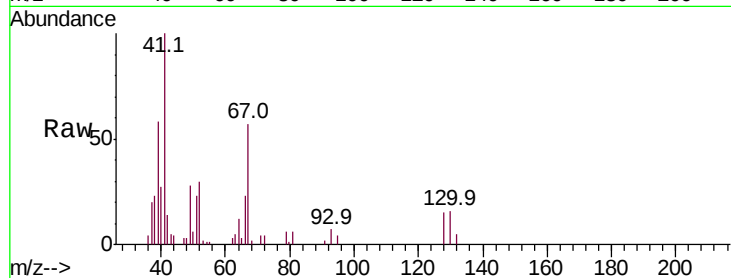




#41
Methacrylonitrile
Concen: 14.695 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

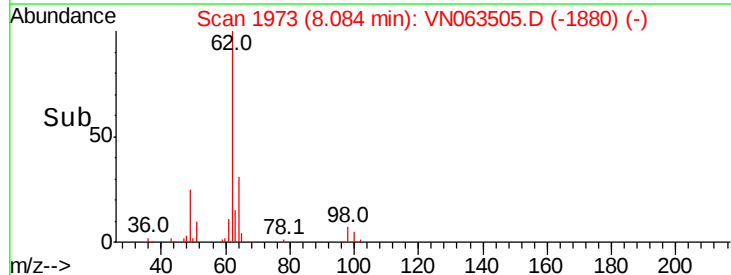
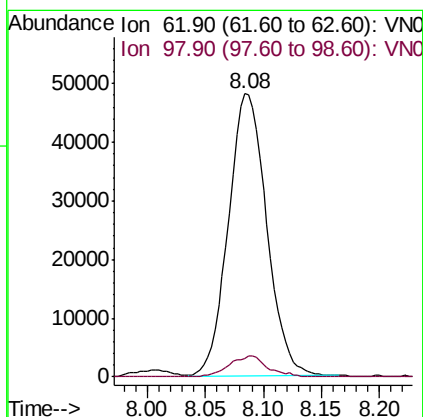
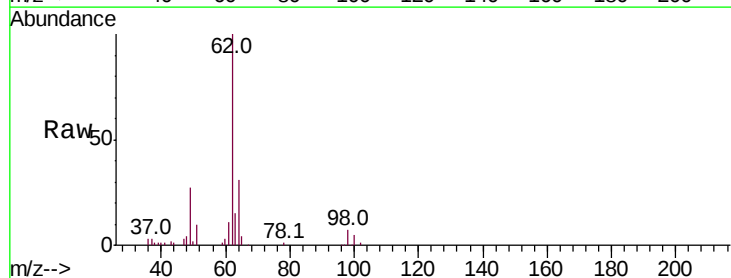
Instrument :
MSVOA_N
ClientSampled :
VN0921WBSD02

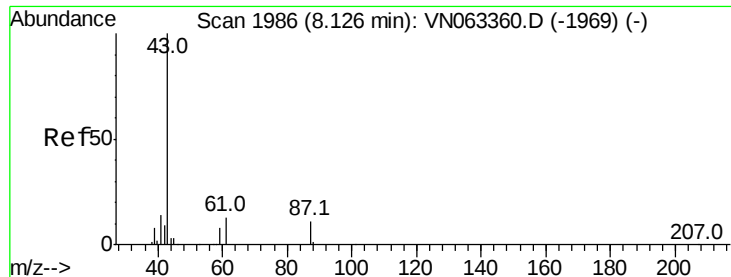
Tot Ion:	41	Resp:	33140
Ion	Ratio	Lower	Upper
41	100		
39	95.4	0.0	0.0#
67	102.1	0.0	0.0#
52	51.8	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 18.824 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

Tgt Ion:	62	Resp:	110403
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.6





#43

Isopropyl Acetate

Concen: 18.734 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

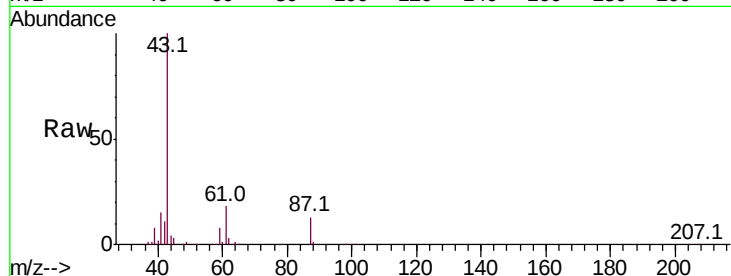
Tot Ion: 43 Resp: 167969

Ion Ratio Lower Upper

43 100

61 17.9 14.2 21.2

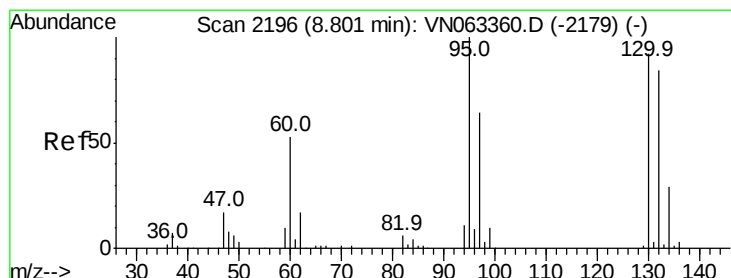
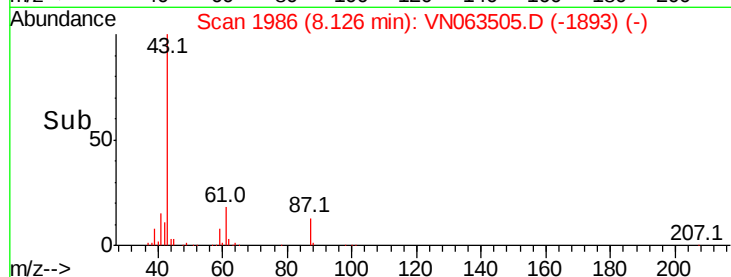
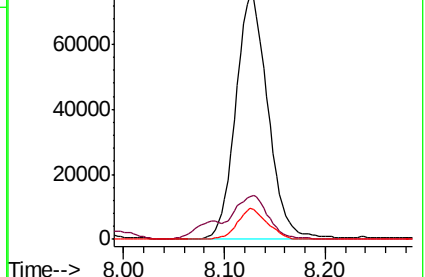
87 11.6 9.0 13.6



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

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

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



#44

Trichloroethene

Concen: 18.682 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063505.D

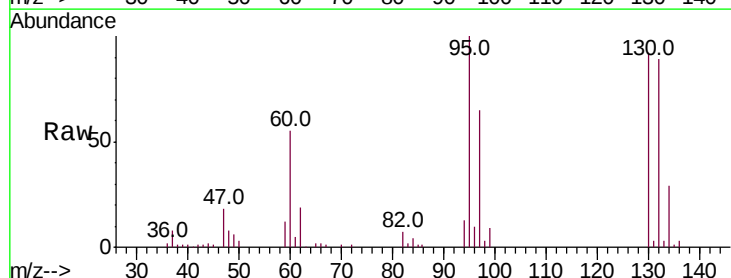
Acq: 22 Sep 2020 00:05

Tgt Ion: 130 Resp: 66085

Ion Ratio Lower Upper

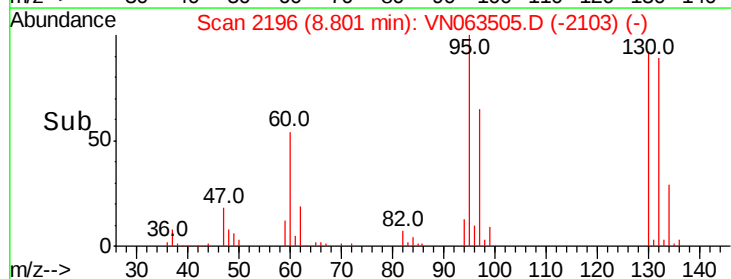
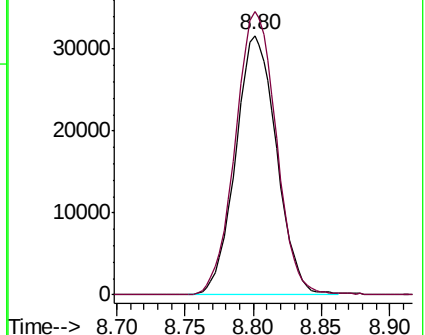
130 100

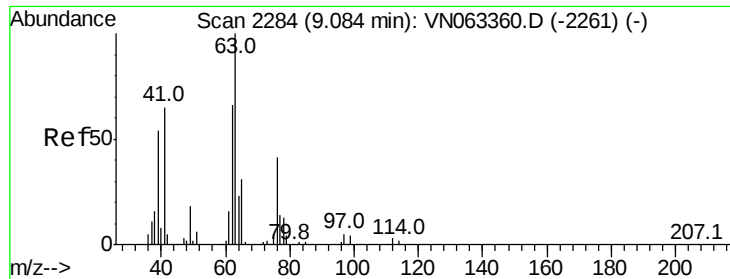
95 109.0 0.0 217.4



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

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





#45

1,2-Dichloropropane

Concen: 19.058 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

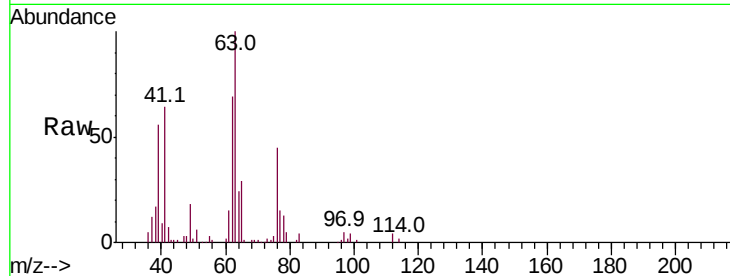
VN0921WBSD02

Tot Ion: 63 Resp: 75702

Ion Ratio Lower Upper

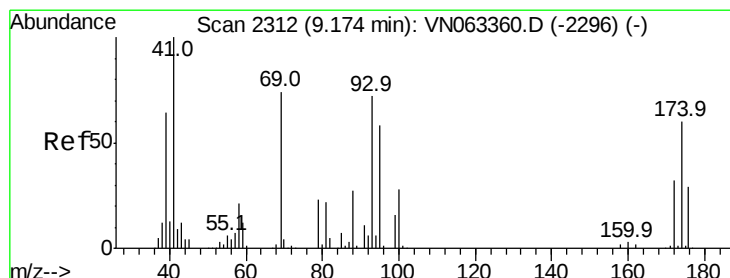
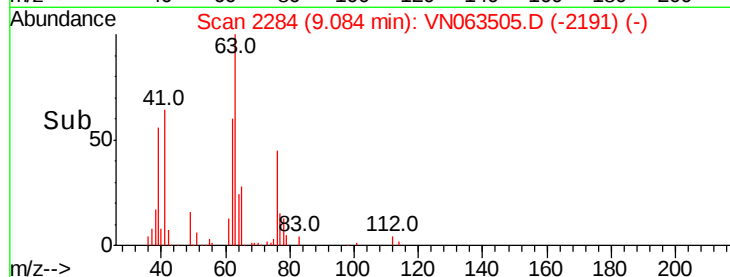
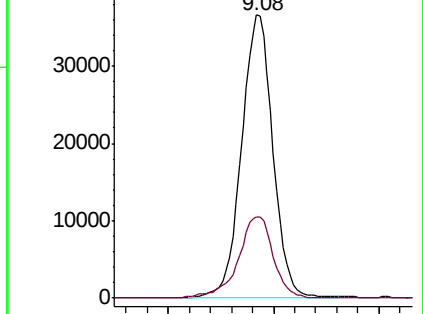
63 100

65 28.9 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.268 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

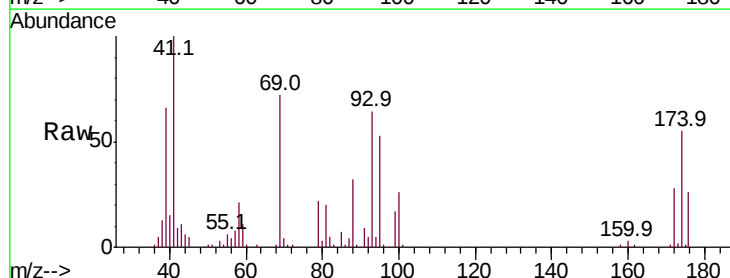
Tgt Ion: 93 Resp: 50305

Ion Ratio Lower Upper

93 100

95 83.1 65.6 98.4

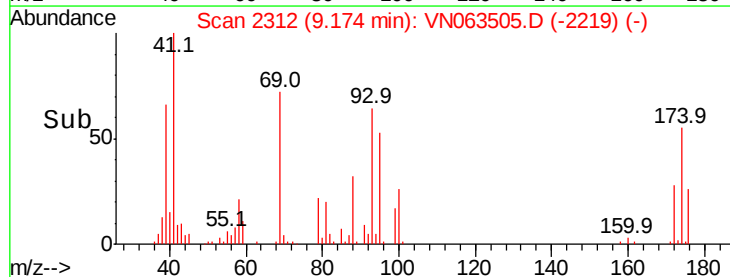
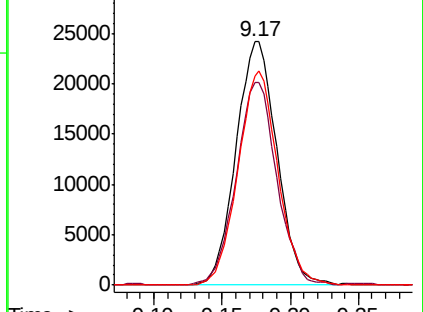
174 85.7 68.1 102.1

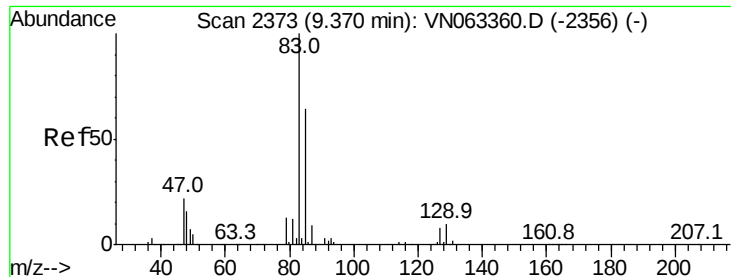


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.577 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

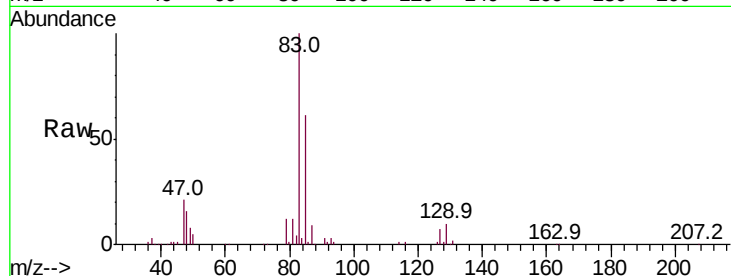
Tot Ion: 83 Resp: 100756

Ion Ratio Lower Upper

83 100

85 61.3 51.0 76.6

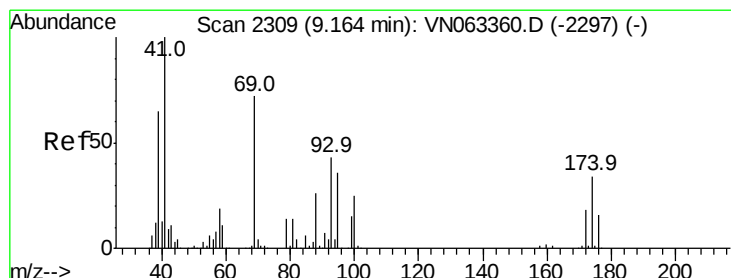
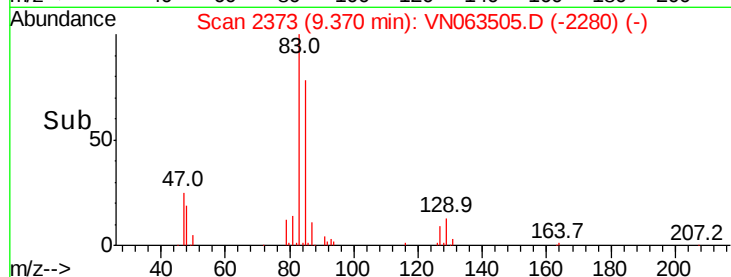
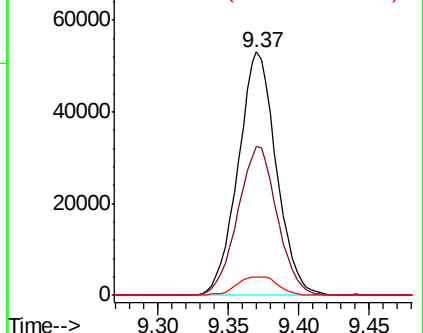
127 7.5 6.3 9.5



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: 17.934 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

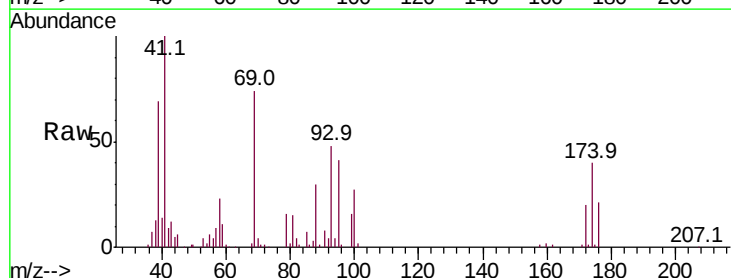
Tgt Ion: 41 Resp: 79000

Ion Ratio Lower Upper

41 100

69 76.7 59.3 88.9

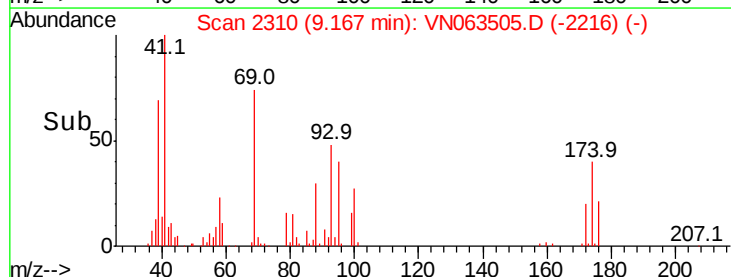
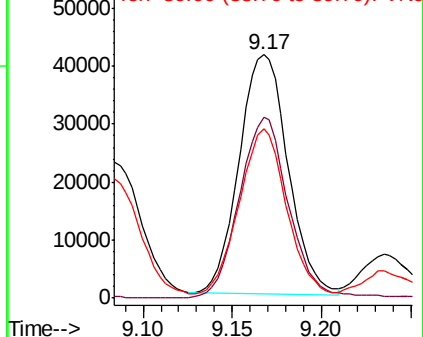
39 69.4 52.9 79.3

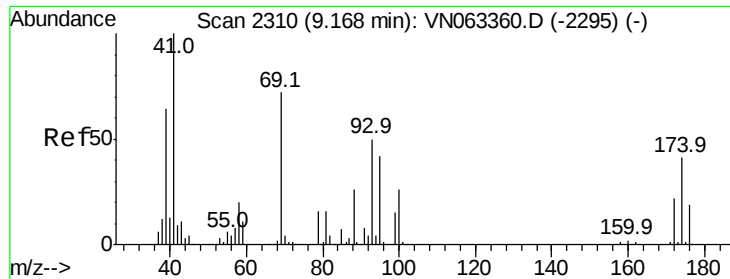


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 425.681 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

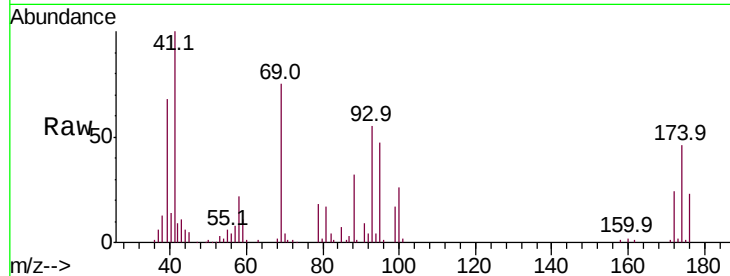
Tot Ion: 88 Resp: 26910

Ion Ratio Lower Upper

88 100

43 36.3 32.6 49.0

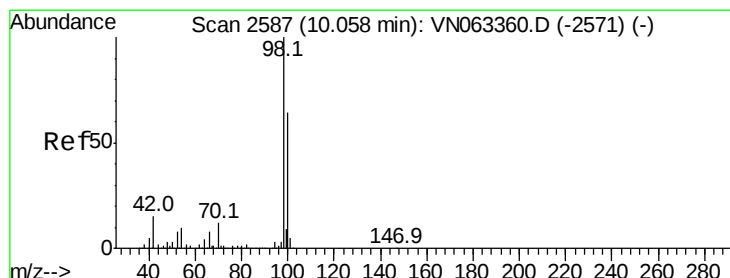
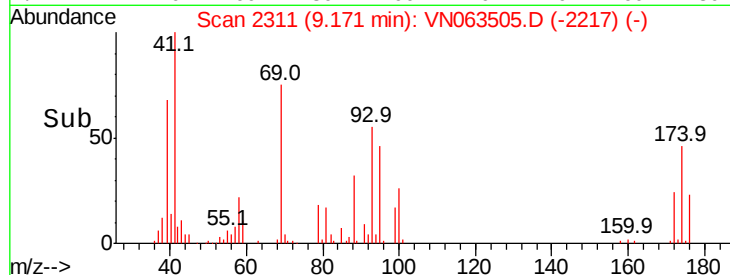
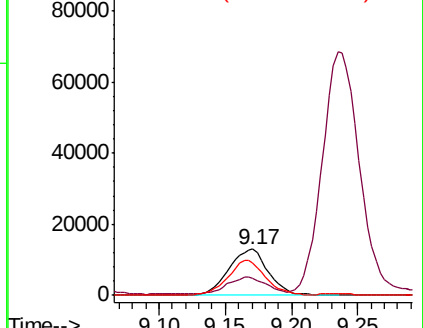
58 71.7 60.0 90.0



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 44.973 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063505.D

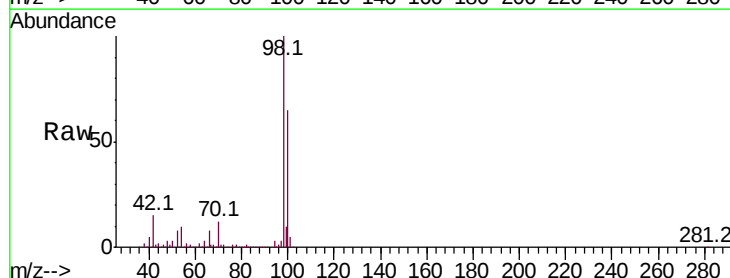
Acq: 22 Sep 2020 00:05

Tgt Ion: 98 Resp: 561422

Ion Ratio Lower Upper

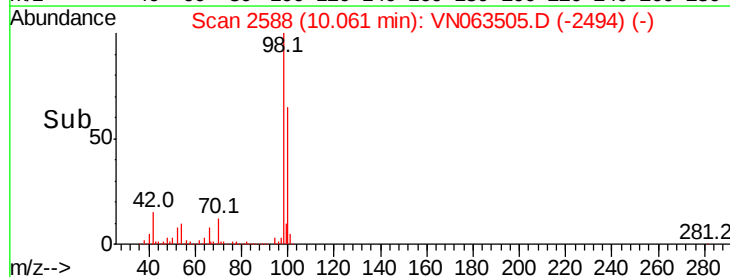
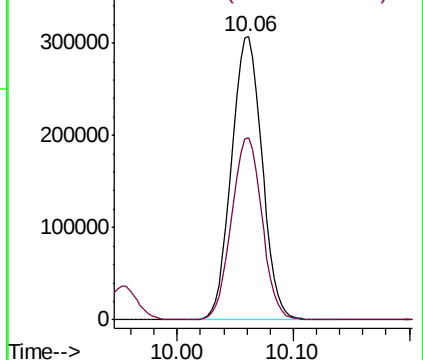
98 100

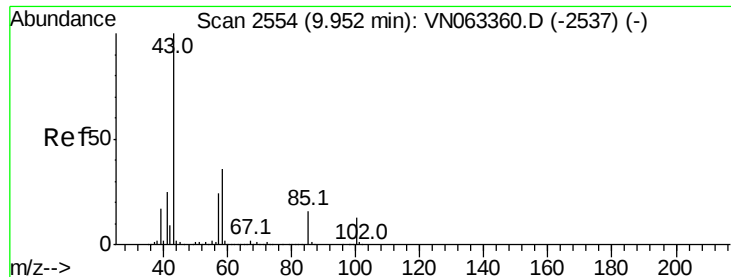
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

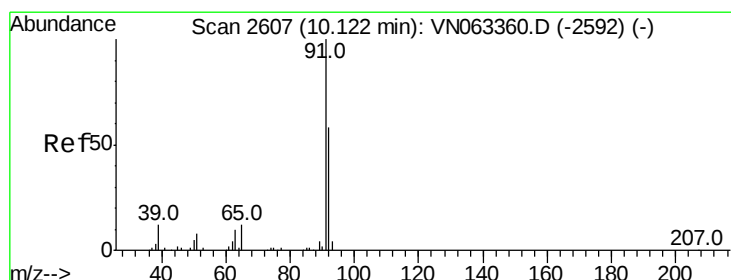
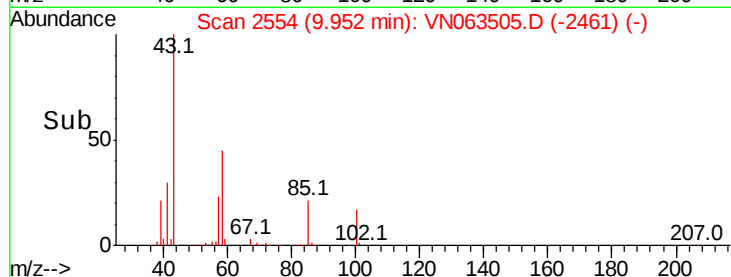
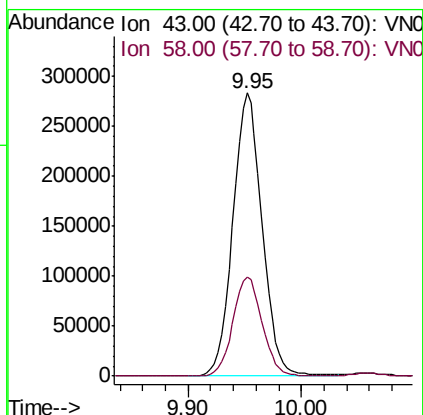
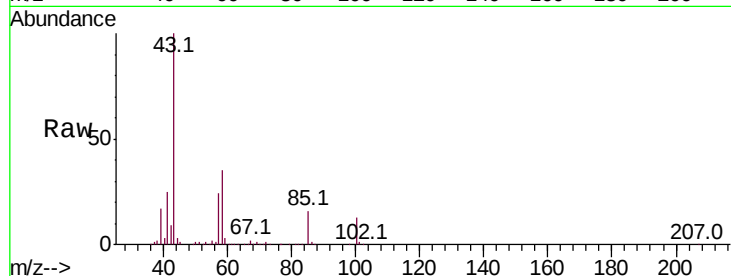




#51
 4-Methyl-2-Pentanone
 Concen: 100.799 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

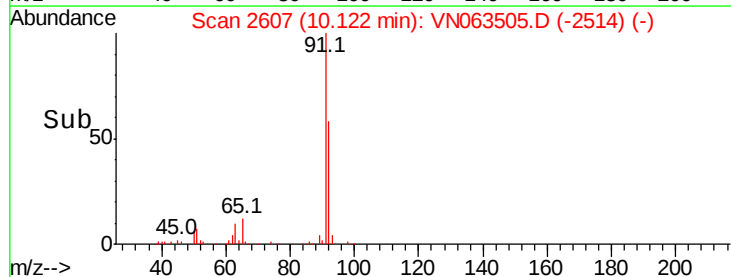
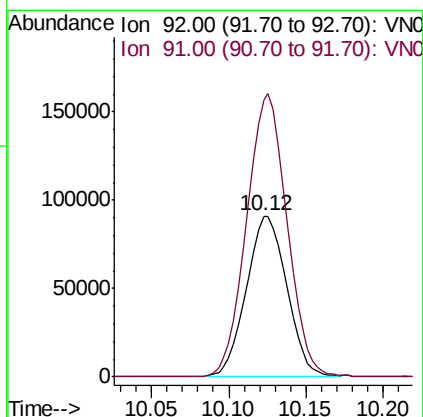
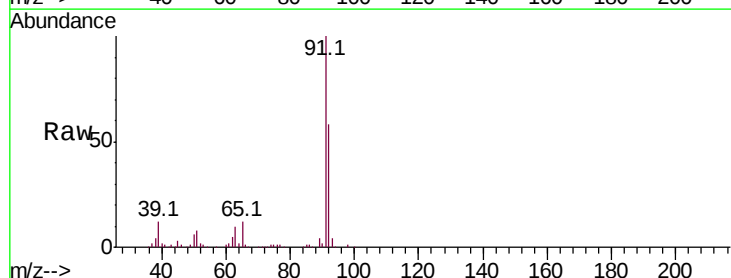
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

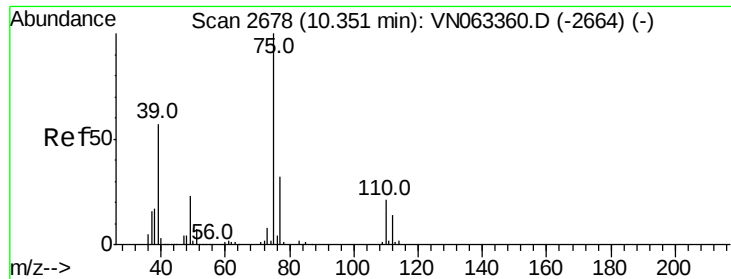
Tot Ion: 43 Resp: 505968
 Ion Ratio Lower Upper
 43 100
 58 35.4 29.0 43.6



#52
 Toluene
 Concen: 18.987 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

Tgt Ion: 92 Resp: 166490
 Ion Ratio Lower Upper
 92 100
 91 175.4 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 17.614 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

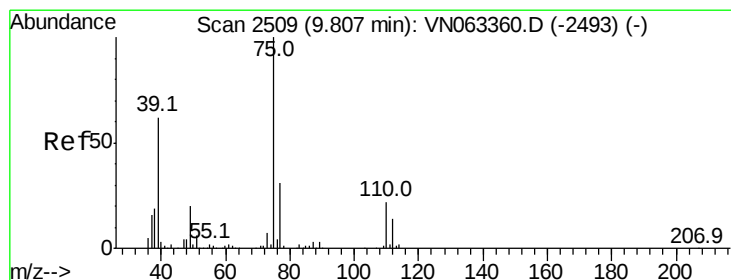
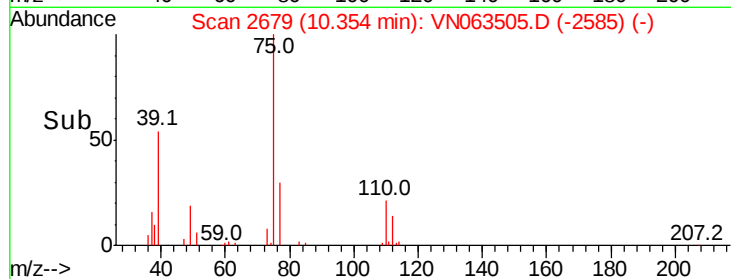
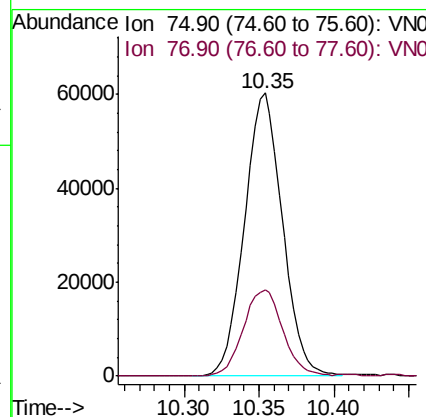
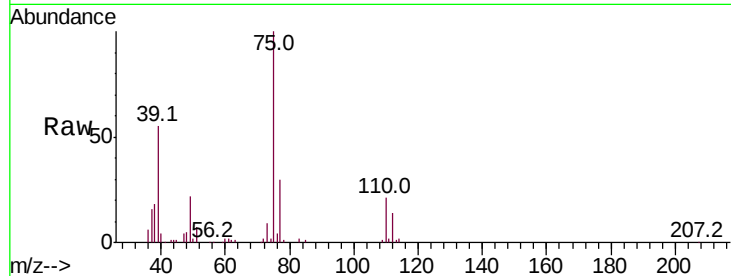
VN0921WBSD02

Tot Ion: 75 Resp: 106651

Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.983 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

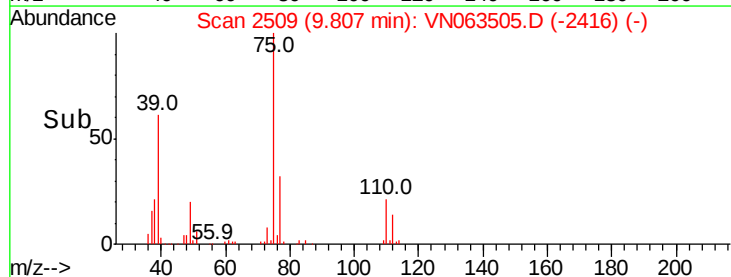
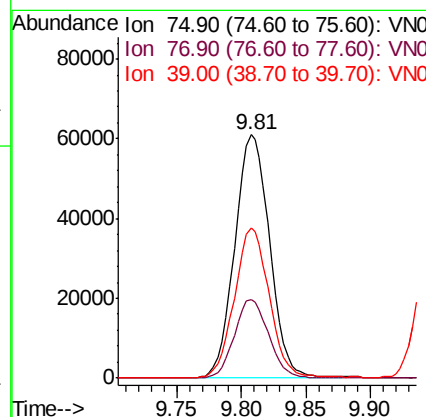
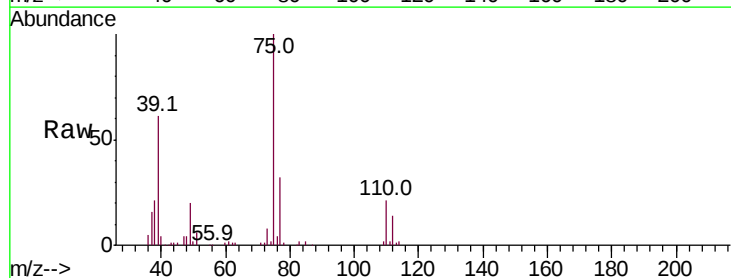
Tgt Ion: 75 Resp: 114855

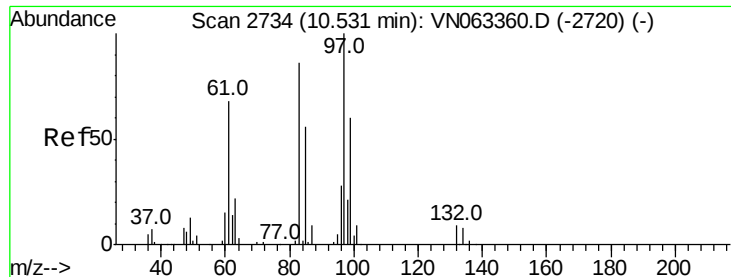
Ion Ratio Lower Upper

75 100

77 32.4 24.6 37.0

39 61.0 49.8 74.8

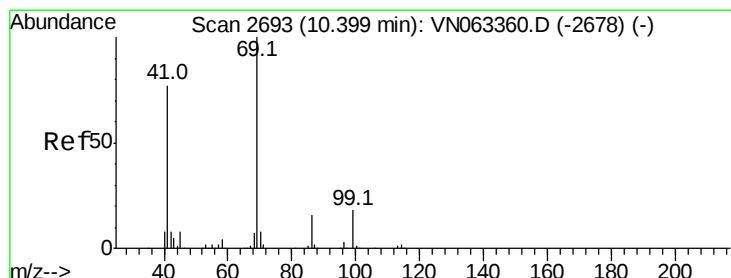
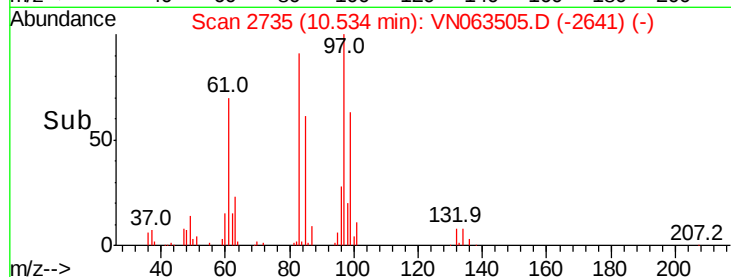
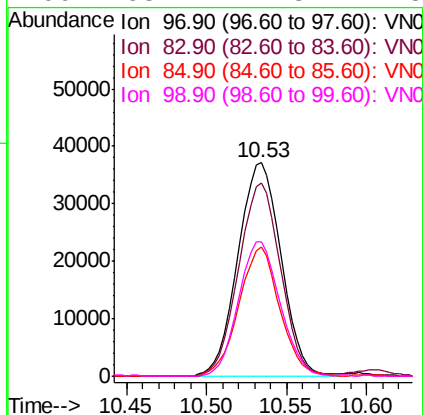
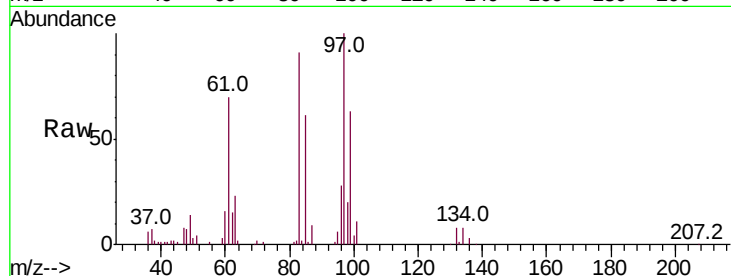




#55
 1,1,2-Trichloroethane
 Concen: 19.712 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

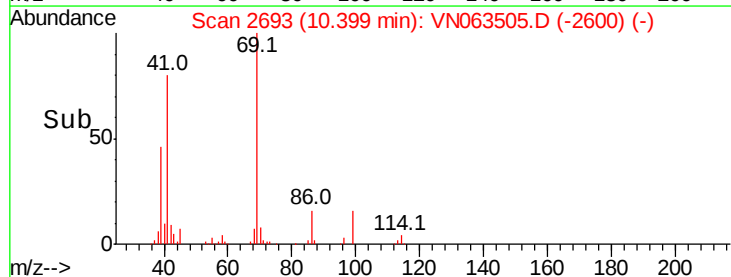
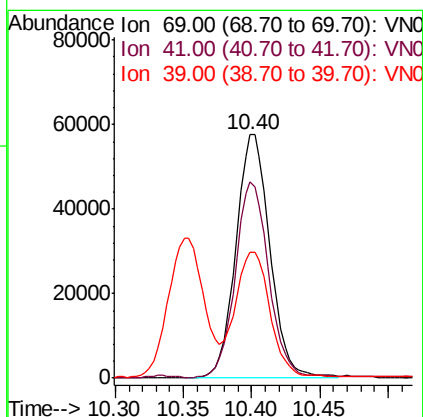
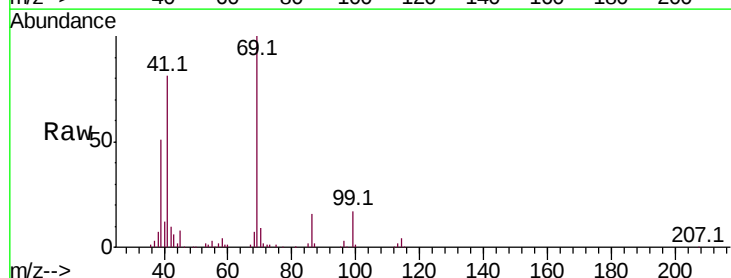
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

Tot Ion:	97	Resp:	68655
Ion	Ratio	Lower	Upper
97	100		
83	90.7	68.9	103.3
85	60.6	44.8	67.2
99	63.2	47.8	71.8



#56
 Ethyl methacrylate
 Concen: 18.404 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

Tgt Ion:	69	Resp:	100068
Ion	Ratio	Lower	Upper
69	100		
41	78.1	61.0	91.6
39	50.9	39.2	58.8





#57

1,3-Dichloropropane

Concen: 18.480 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

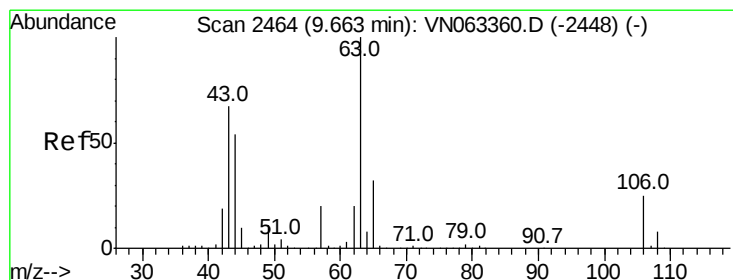
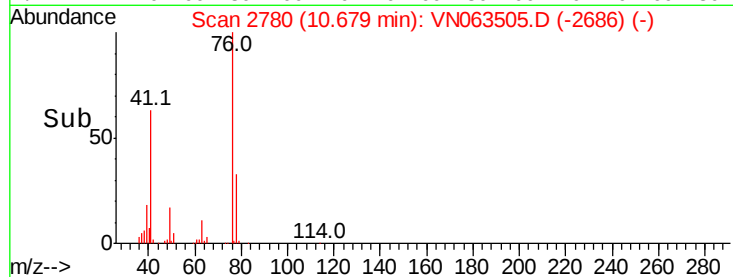
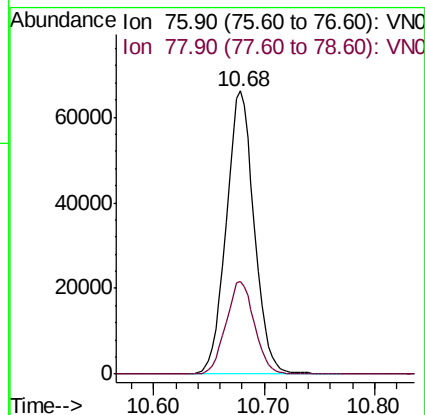
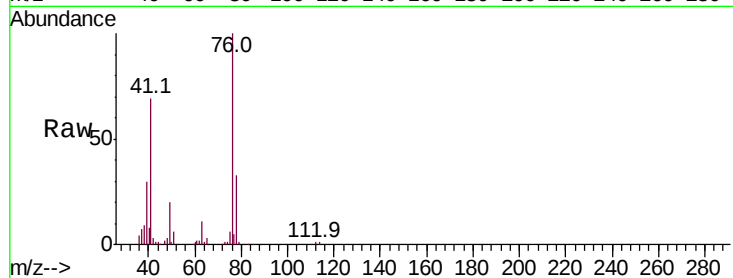
VN0921WBSD02

Tot Ion: 76 Resp: 116073

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 89.508 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063505.D

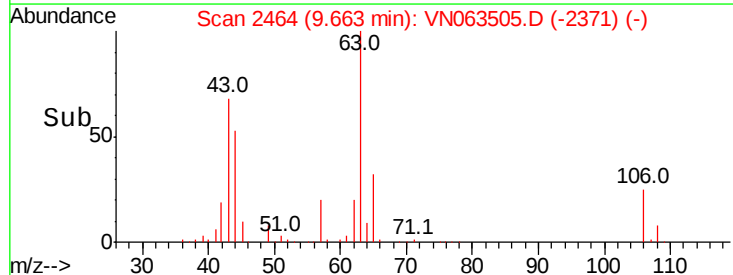
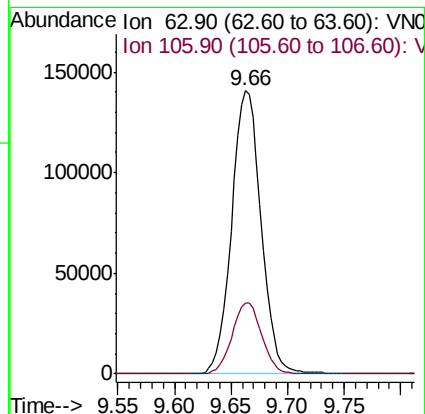
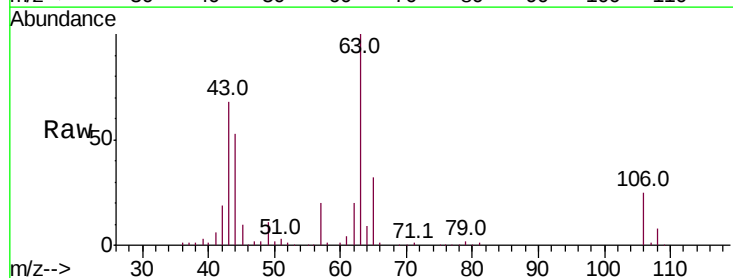
Acq: 22 Sep 2020 00:05

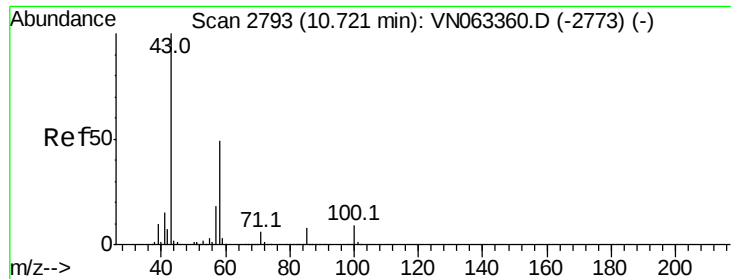
Tgt Ion: 63 Resp: 255306

Ion Ratio Lower Upper

63 100

106 25.3 19.5 29.3

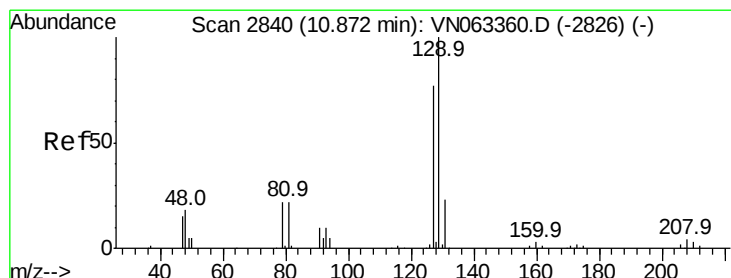
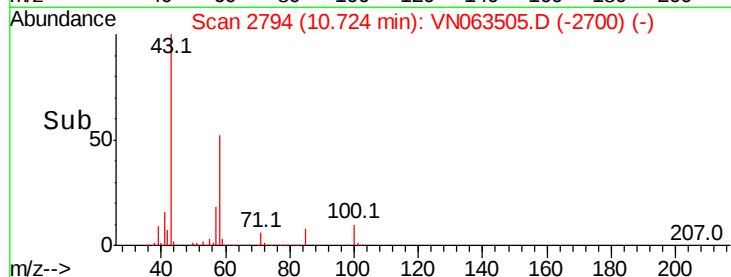
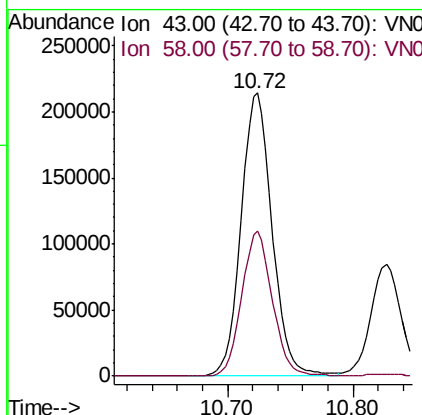
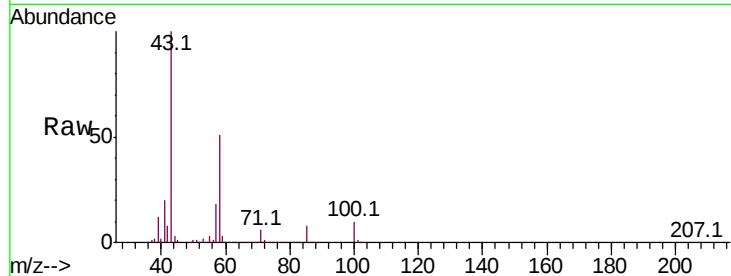




#59
2-Hexanone
Concen: 100.901 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

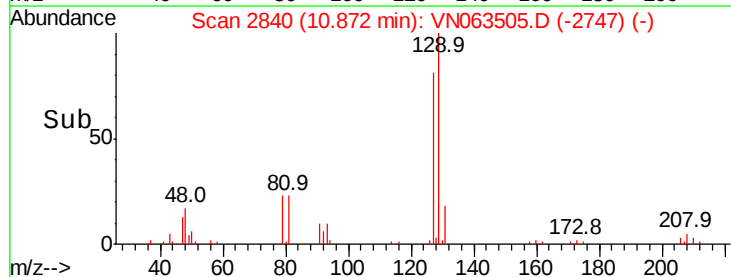
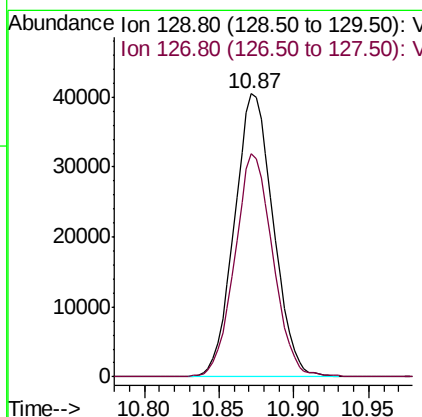
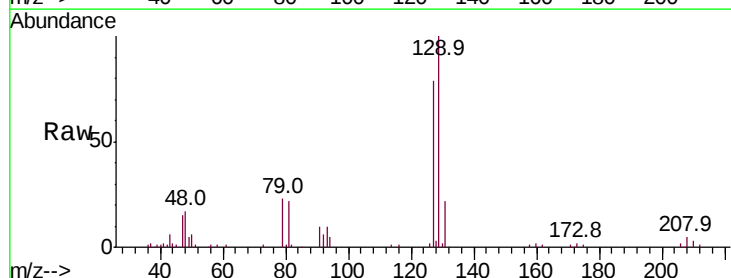
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

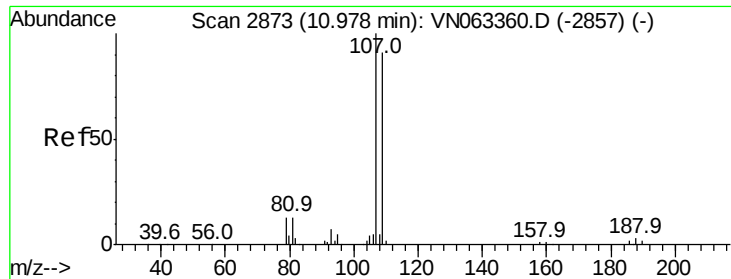
Tot Ion: 43 Resp: 366930
Ion Ratio Lower Upper
43 100
58 50.7 24.7 74.1



#60
Dibromochloromethane
Concen: 18.604 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

Tgt Ion: 129 Resp: 73203
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3

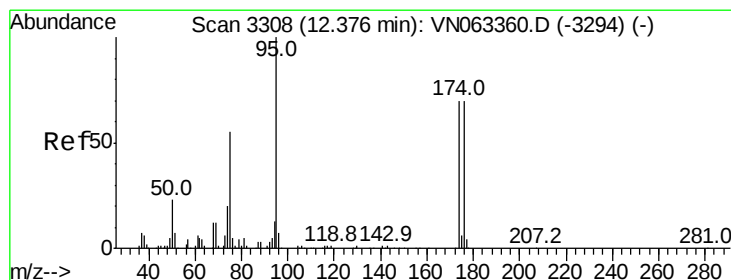
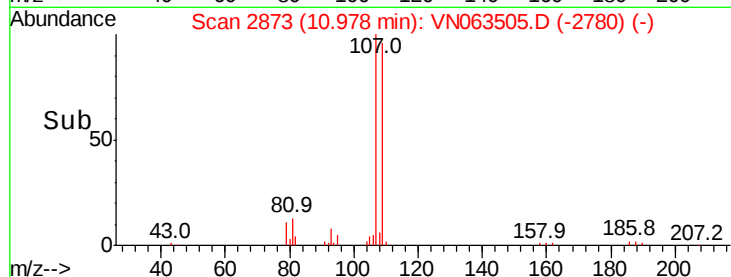
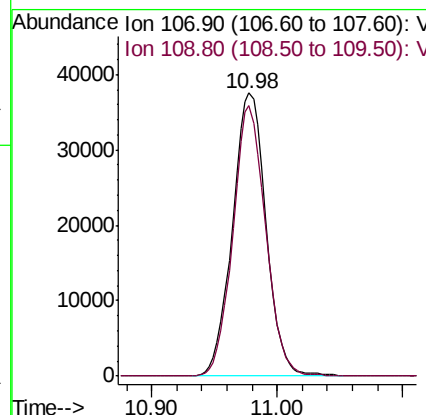
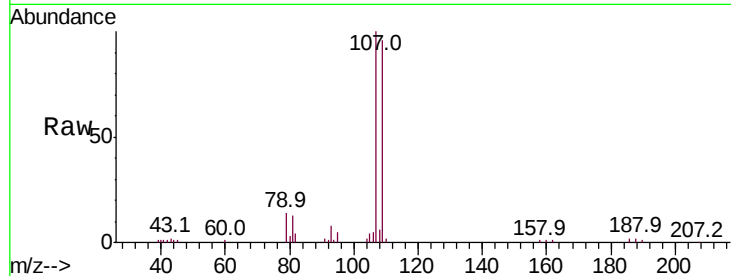




#61
 1,2-Dibromoethane
 Concen: 19.290 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

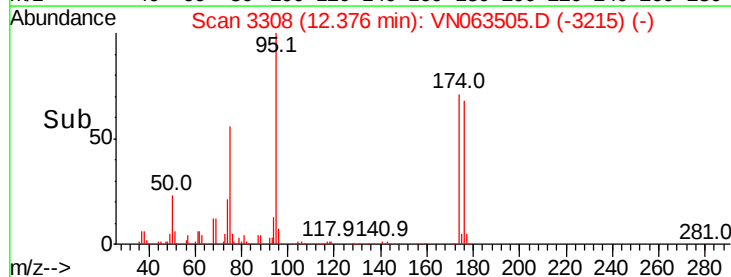
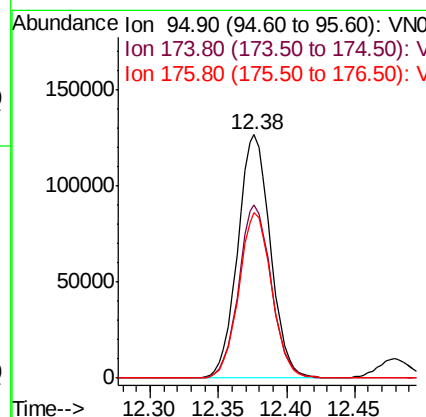
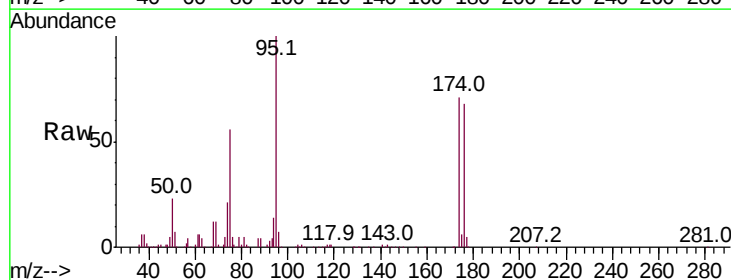
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

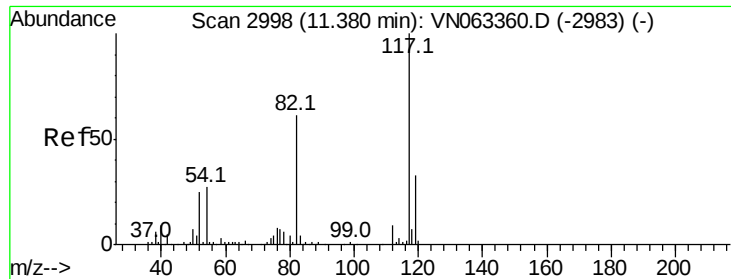
Tot Ion:107 Resp: 69802
 Ion Ratio Lower Upper
 107 100
 109 92.9 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 45.920 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

Tgt Ion: 95 Resp: 210139
 Ion Ratio Lower Upper
 95 100
 174 71.0 0.0 140.8
 176 68.1 0.0 137.6

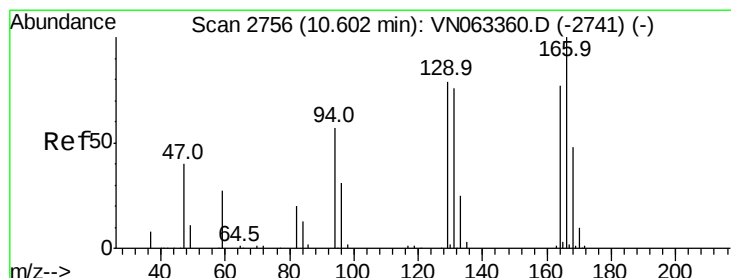
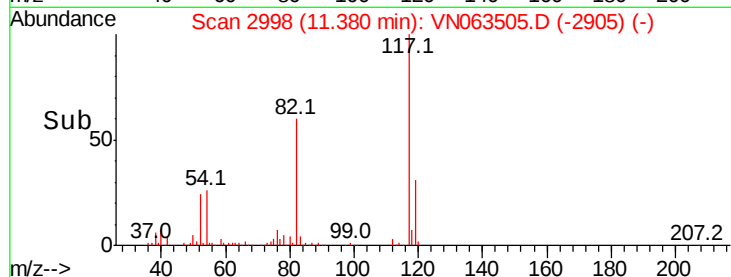
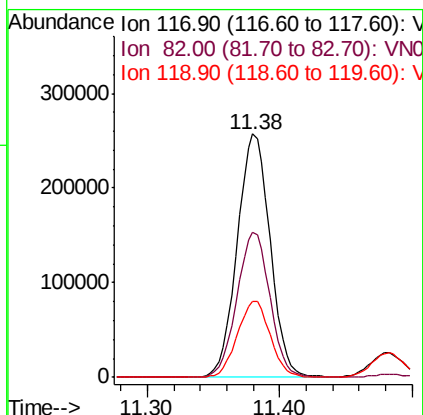
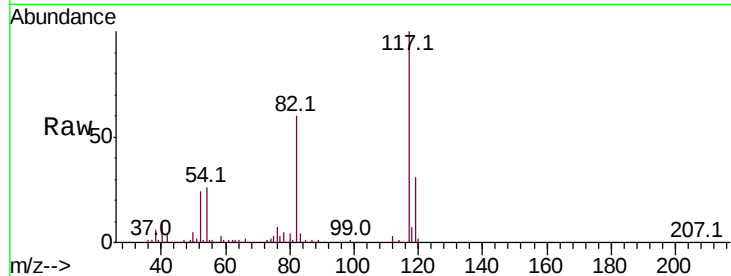




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

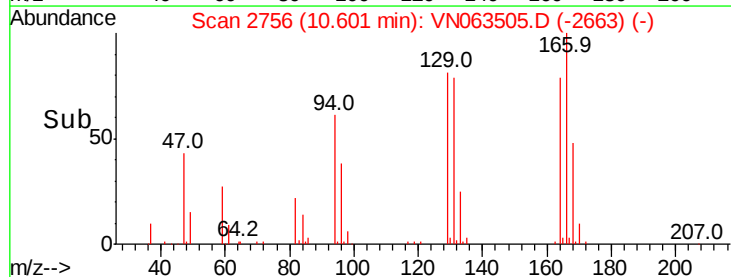
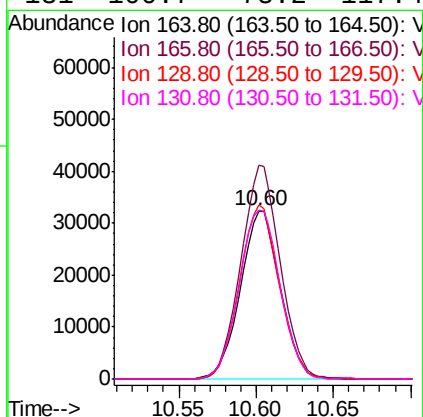
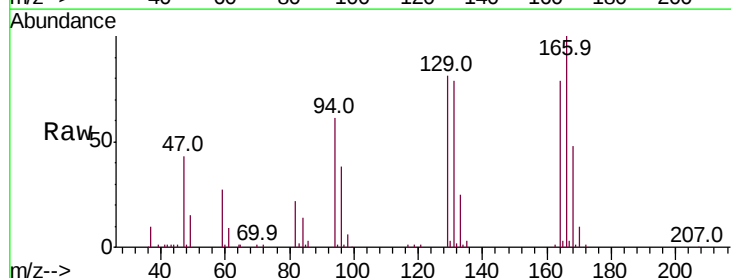
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

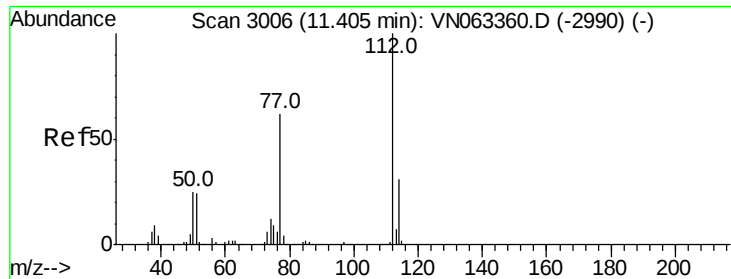
Tot Ion:117 Resp: 443963
Ion Ratio Lower Upper
117 100
82 59.7 49.2 73.8
119 31.4 26.2 39.4



#64
Tetrachloroethene
Concen: 19.162 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

Tgt Ion:164 Resp: 57929
Ion Ratio Lower Upper
164 100
166 127.0 103.4 155.0
129 103.3 81.8 122.6
131 100.7 78.2 117.4

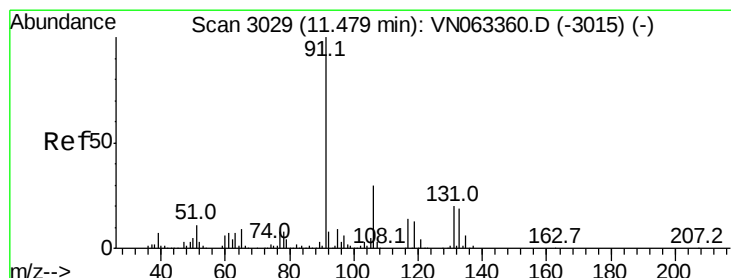
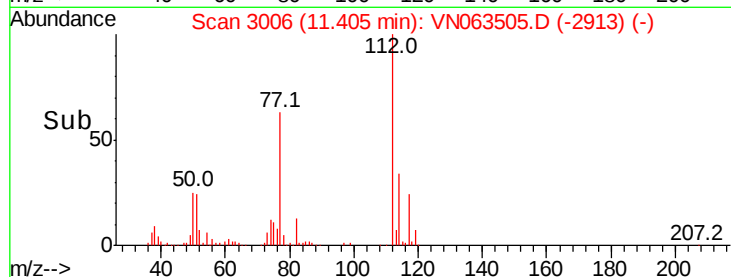
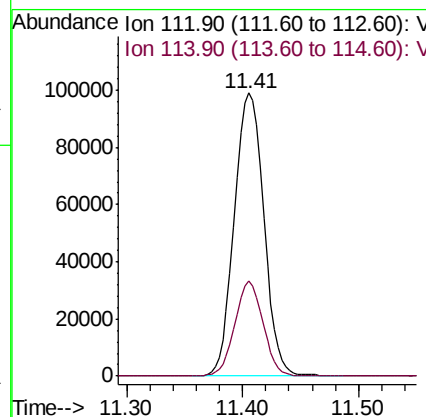
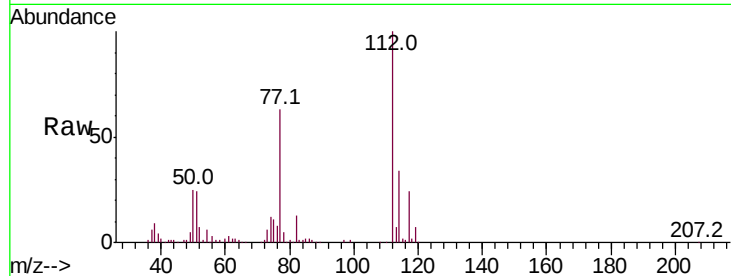




#65
Chlorobenzene
Concen: 18.516 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

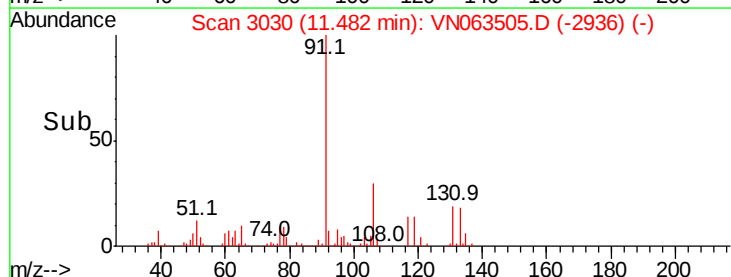
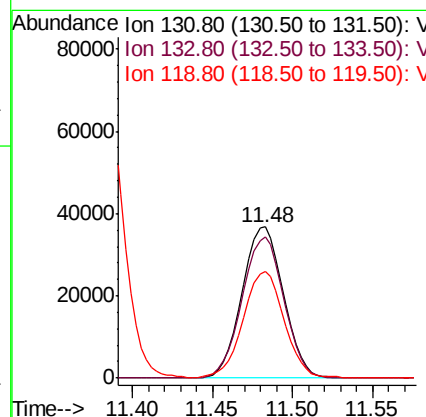
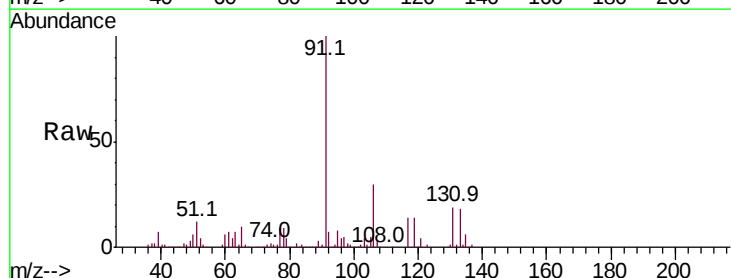
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

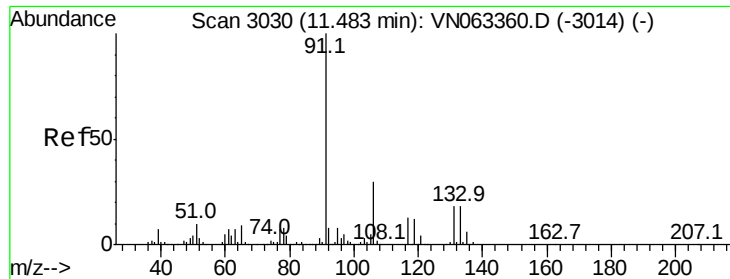
Tot Ion:112 Resp: 174496
Ion Ratio Lower Upper
112 100
114 33.6 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.828 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

Tgt Ion:131 Resp: 65043
Ion Ratio Lower Upper
131 100
133 94.0 47.3 141.9
119 69.9 33.6 100.8

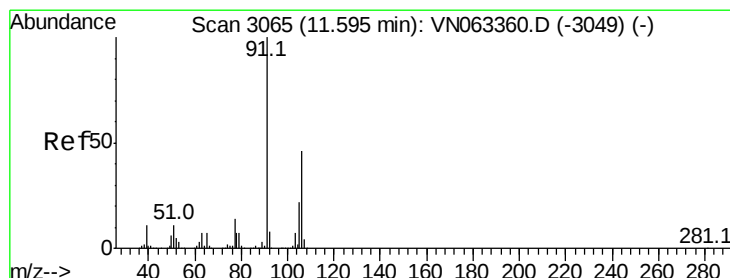
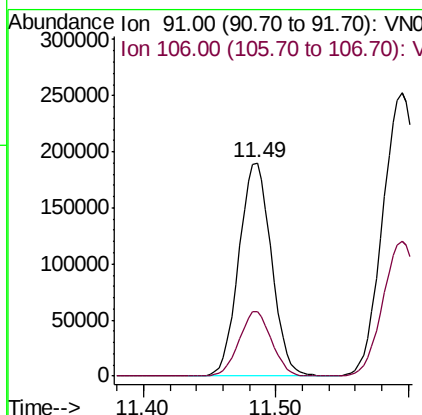
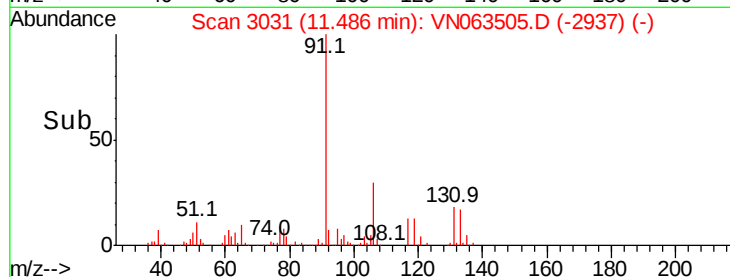
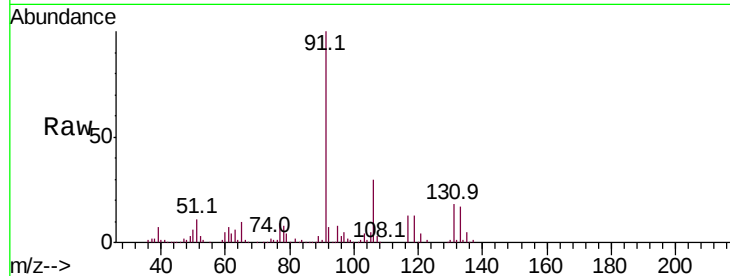




#67
Ethyl Benzene
Concen: 18.274 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

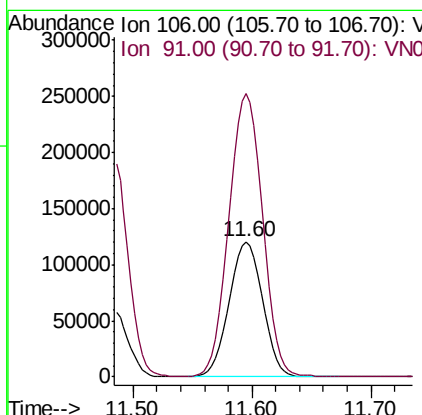
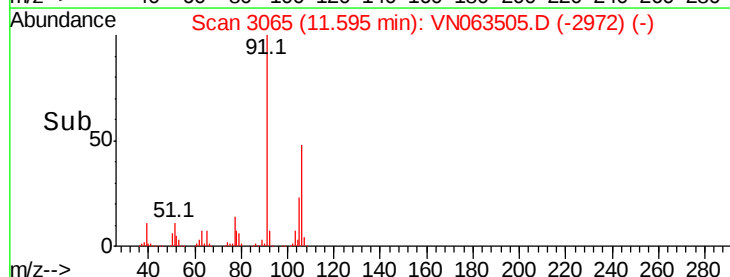
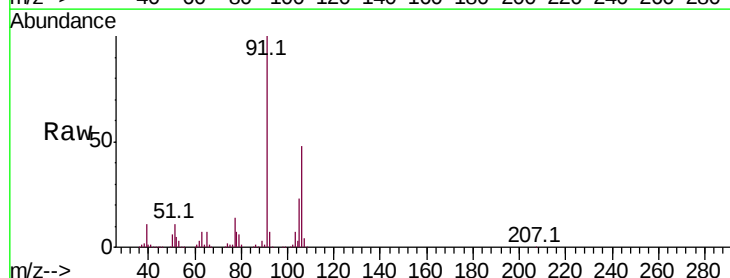
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

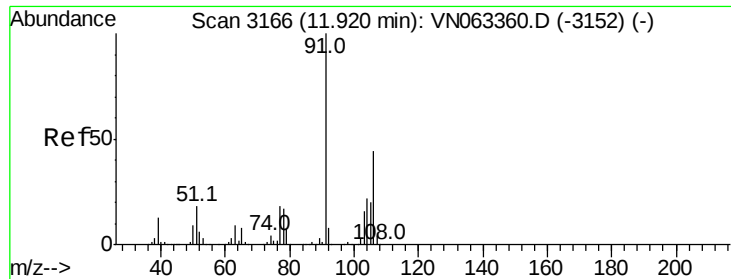
Tot Ion: 91 Resp: 324315
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.6



#68
m/p-Xylenes
Concen: 36.680 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

Tgt Ion: 106 Resp: 234706
Ion Ratio Lower Upper
106 100
91 211.1 171.2 256.8

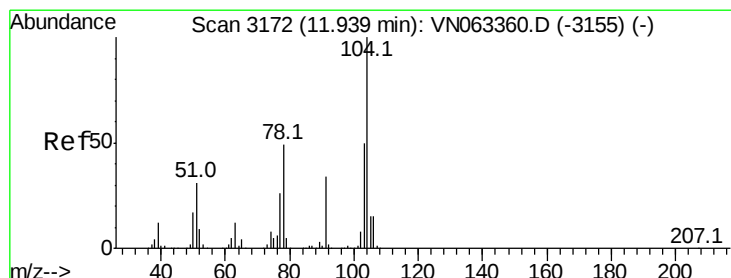
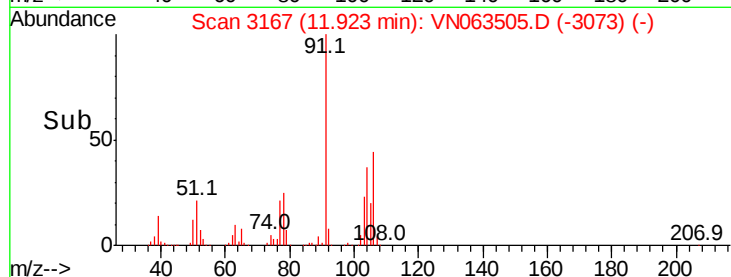
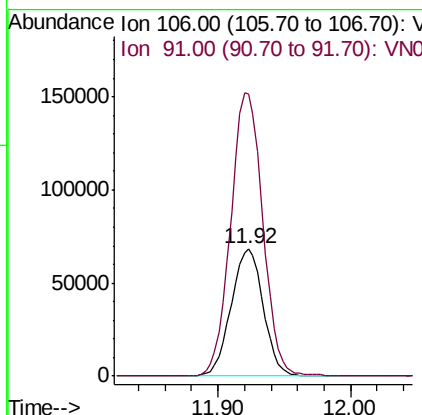
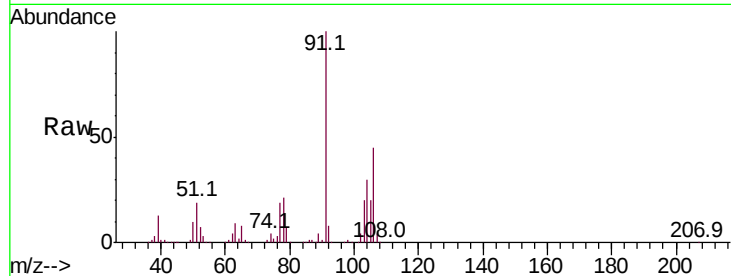




#69
o-Xylene
Concen: 18.838 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

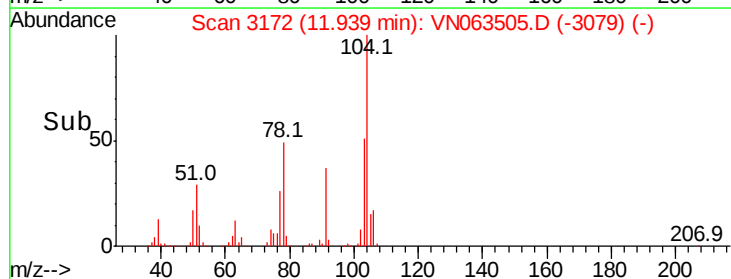
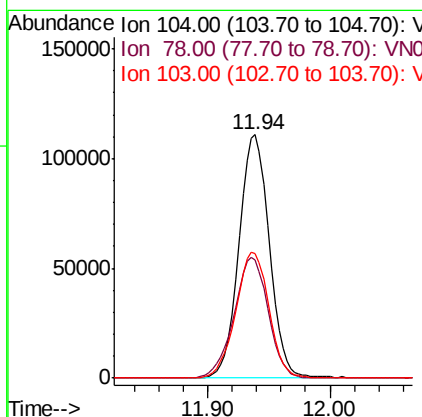
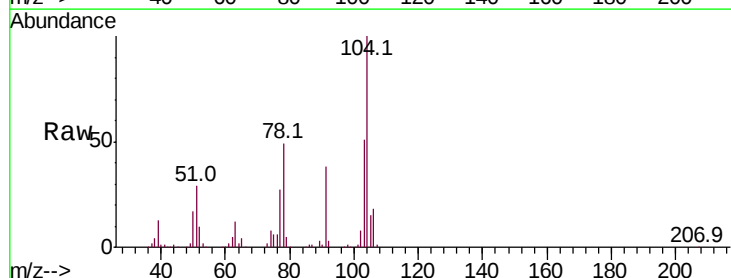
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

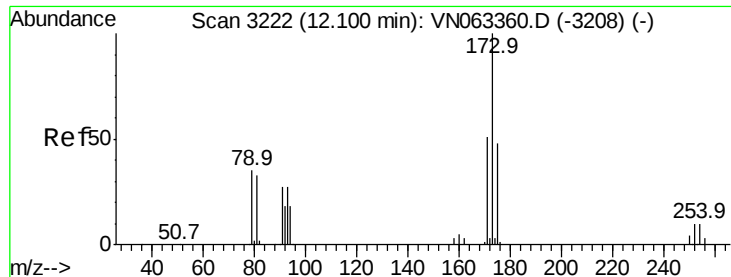
Tot Ion:106 Resp: 114829
Ion Ratio Lower Upper
106 100
91 223.0 113.6 340.8



#70
Styrene
Concen: 18.658 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

Tgt Ion:104 Resp: 190727
Ion Ratio Lower Upper
104 100
78 55.7 44.4 66.6
103 56.6 43.7 65.5





#71

Bromoform

Concen: 18.683 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

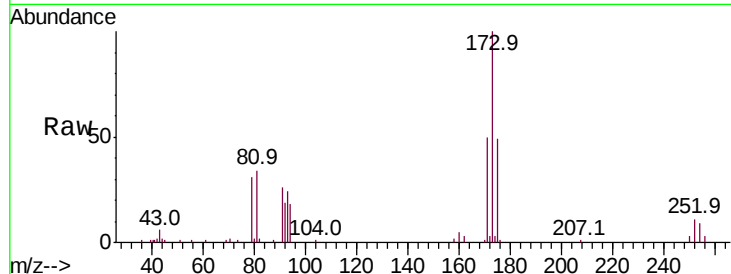
Tot Ion:173 Resp: 48081

Ion Ratio Lower Upper

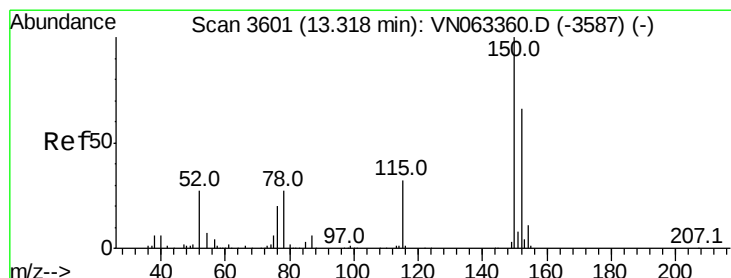
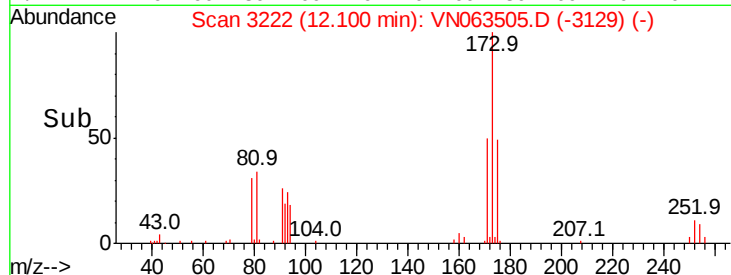
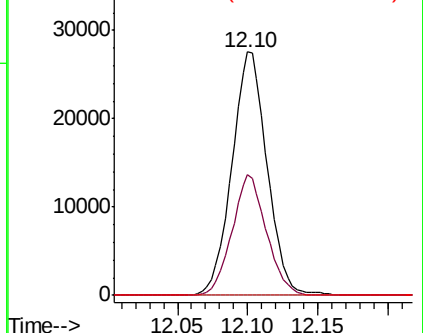
173 100

175 48.1 24.0 72.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

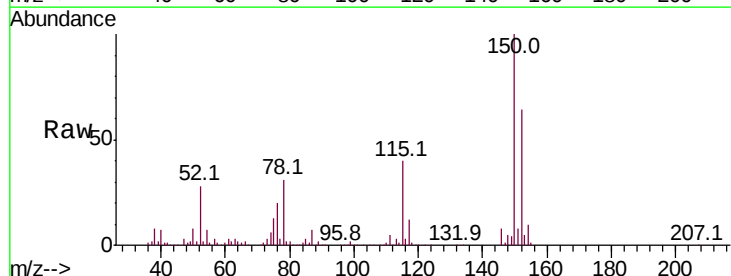
Tgt Ion:152 Resp: 202648

Ion Ratio Lower Upper

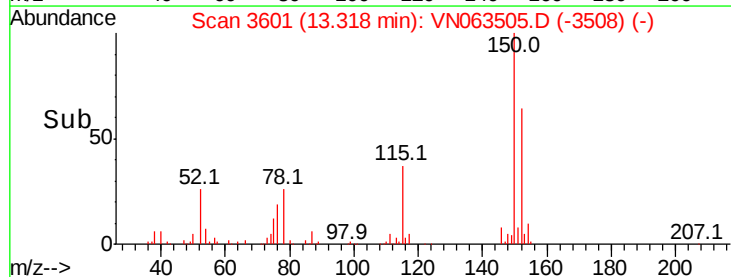
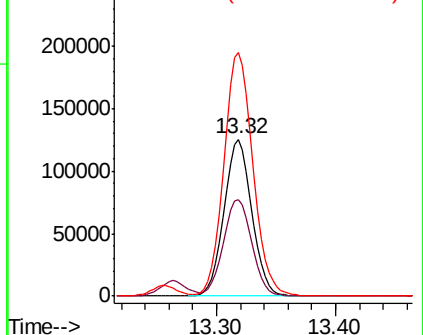
152 100

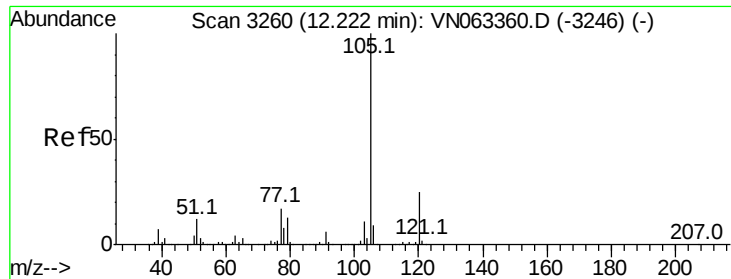
115 63.1 32.2 96.6

150 161.6 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: 18.721 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

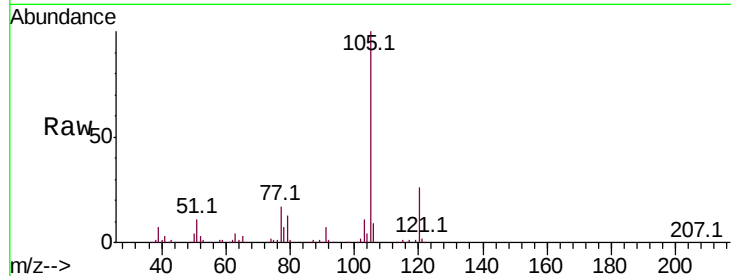
VN0921WBSD02

Tot Ion:105 Resp: 304016

Ion Ratio Lower Upper

105 100

120 25.5 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

200000

150000

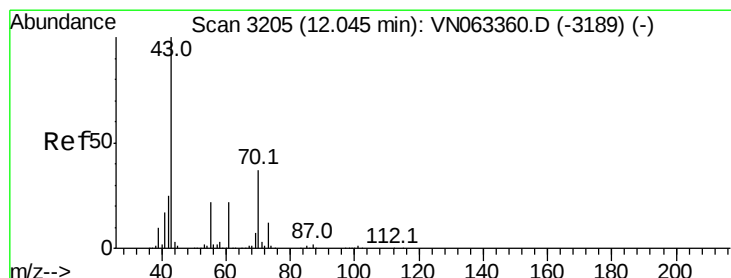
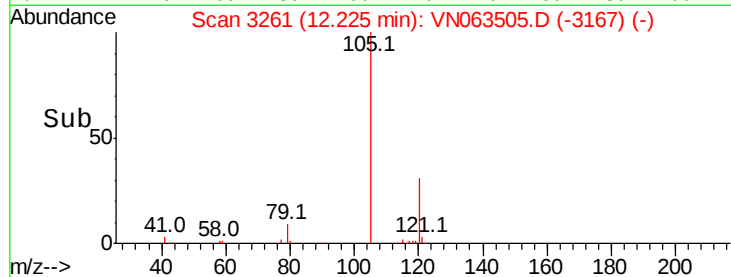
100000

50000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 18.666 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Tgt Ion: 43 Resp: 143490

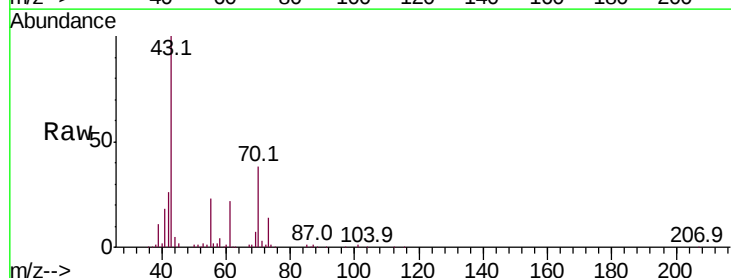
Ion Ratio Lower Upper

43 100

70 37.5 29.6 44.4

55 23.0 17.7 26.5

61 21.7 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.05

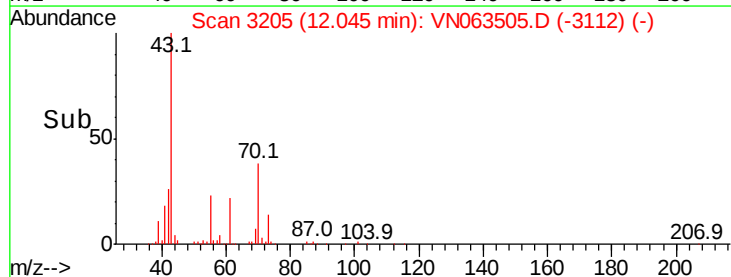
100000

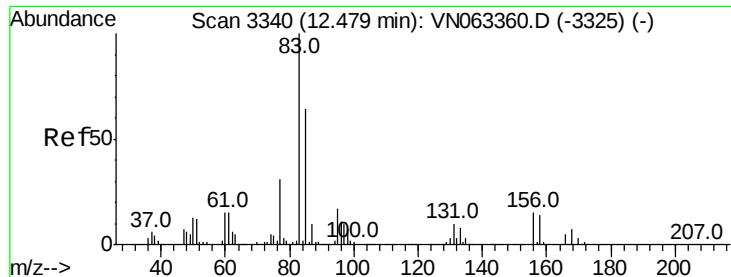
50000

0

Time-->

12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 19.170 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

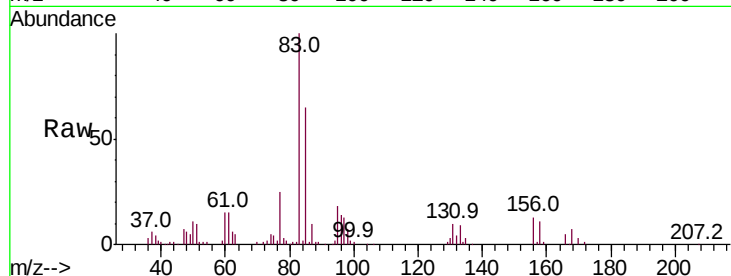
Tot Ion: 83 Resp: 96391

Ion Ratio Lower Upper

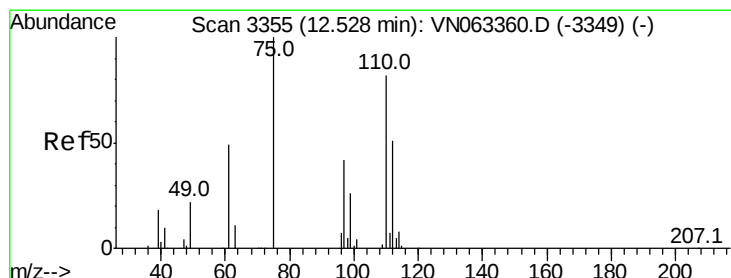
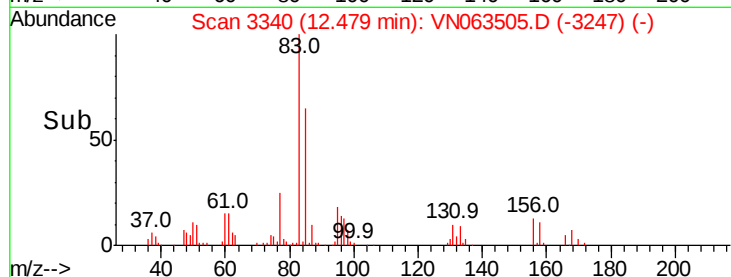
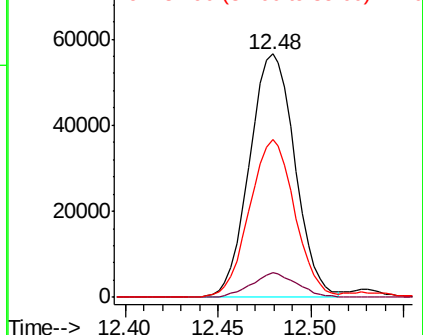
83 100

131 10.2 4.9 14.7

85 64.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 26.611 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063505.D

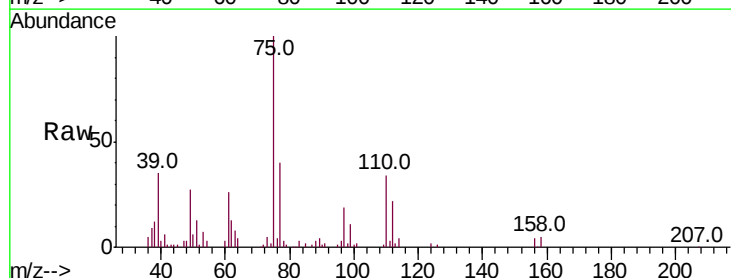
Acq: 22 Sep 2020 00:05

Tgt Ion: 75 Resp: 133474

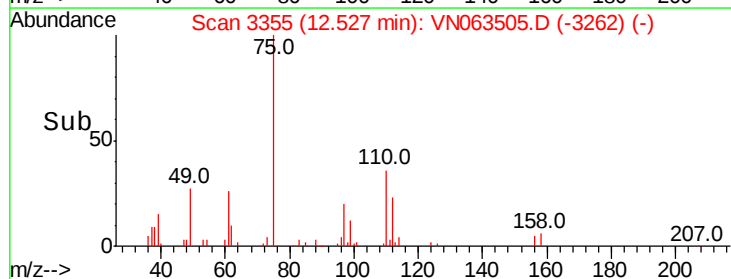
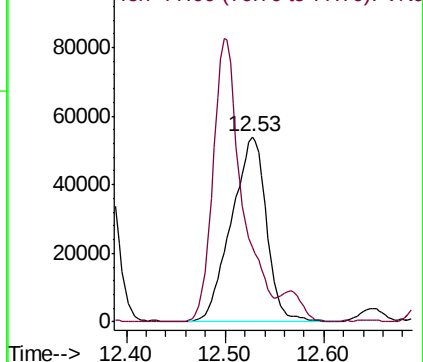
Ion Ratio Lower Upper

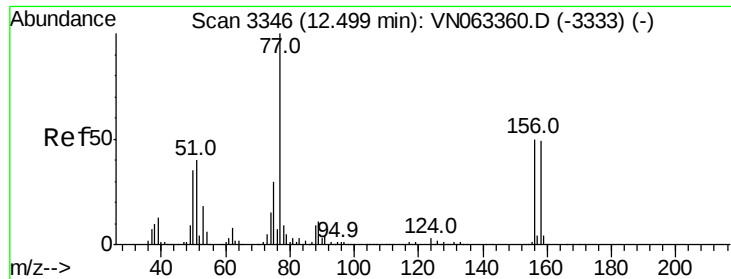
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 19.176 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampled :

VN0921WBSD02

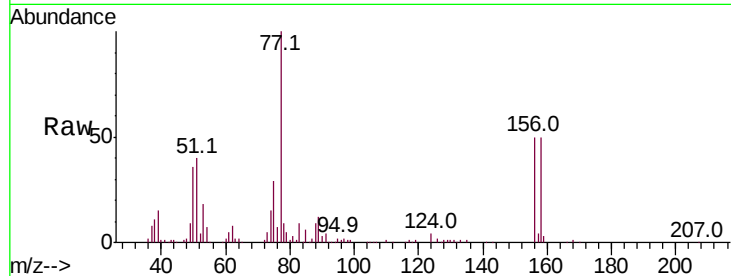
Tot Ion:156 Resp: 70047

Ion Ratio Lower Upper

156 100

77 241.6 120.2 360.6

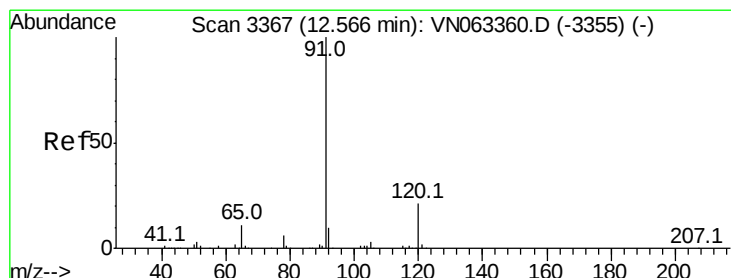
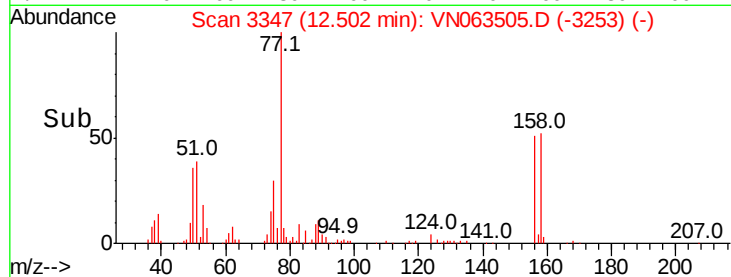
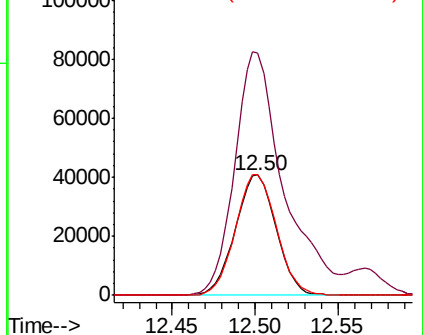
158 100.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.284 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063505.D

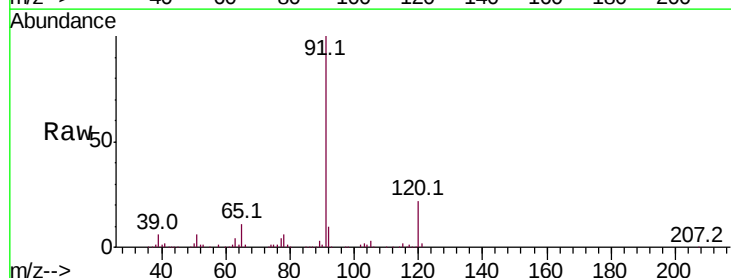
Acq: 22 Sep 2020 00:05

Tgt Ion: 91 Resp: 345826

Ion Ratio Lower Upper

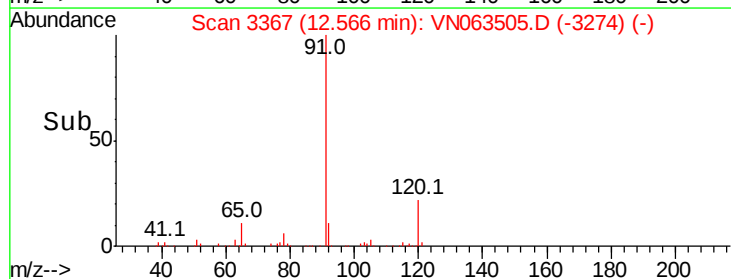
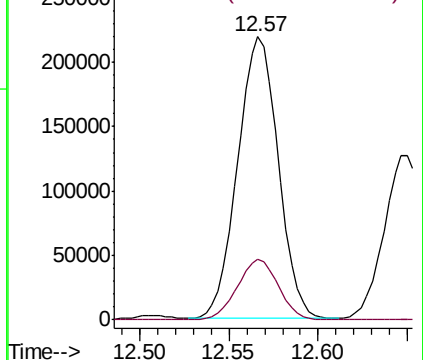
91 100

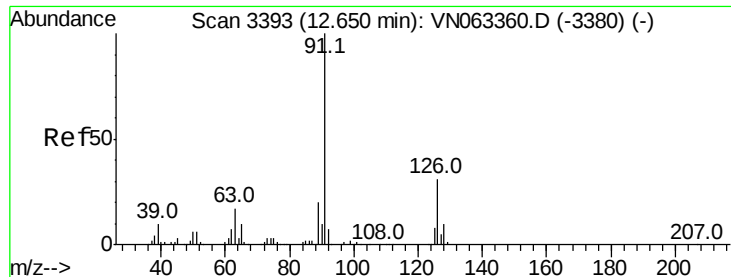
120 21.8 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.476 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

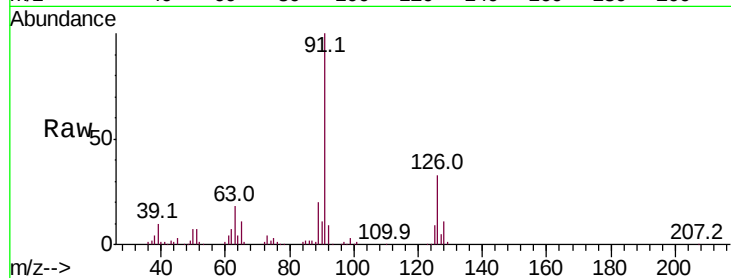
VN0921WBSD02

Tot Ion: 91 Resp: 209484

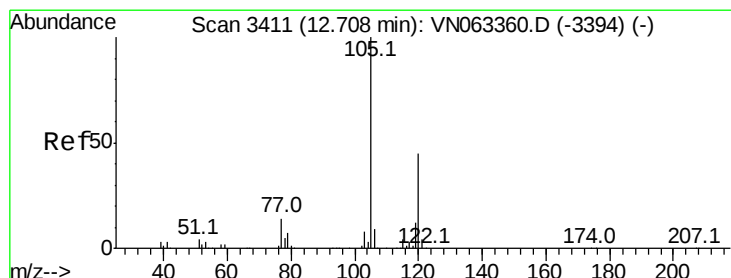
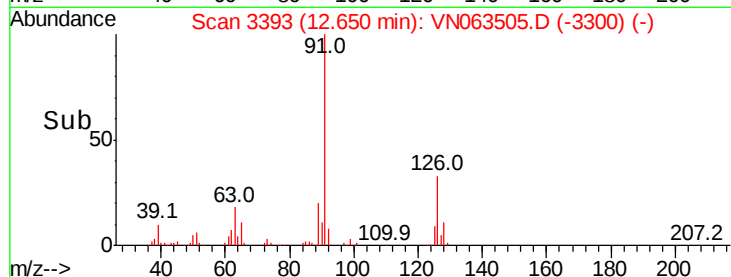
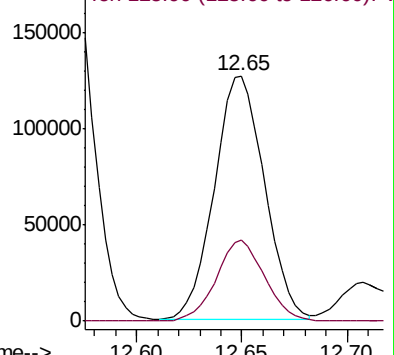
Ion Ratio Lower Upper

91 100

126 32.1 15.8 47.3



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



#80

1,3,5-Trimethylbenzene

Concen: 18.825 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063505.D

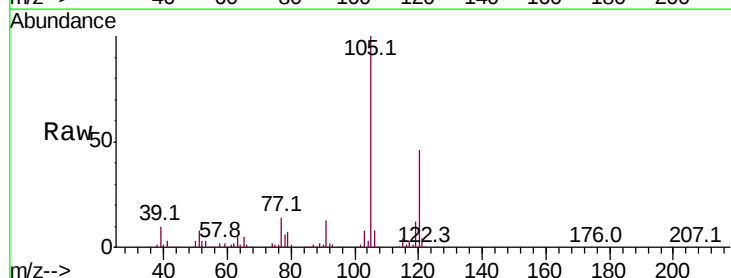
Acq: 22 Sep 2020 00:05

Tgt Ion:105 Resp: 254909

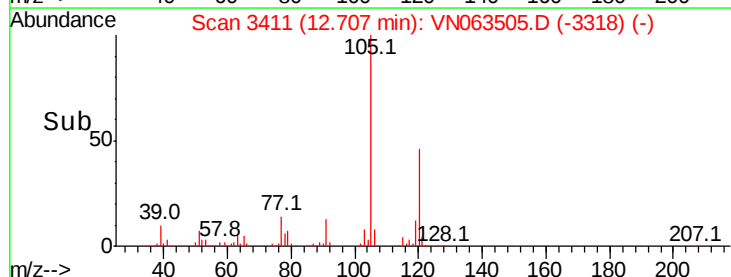
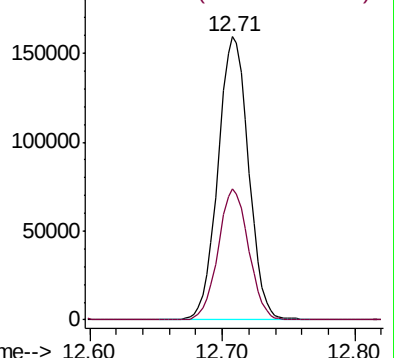
Ion Ratio Lower Upper

105 100

120 46.2 22.9 68.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 16.376 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

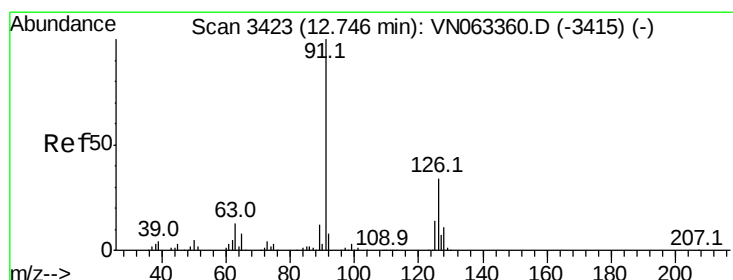
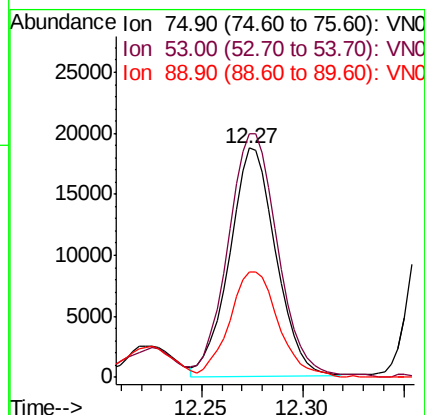
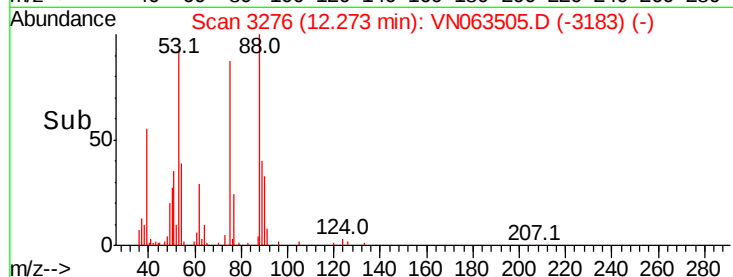
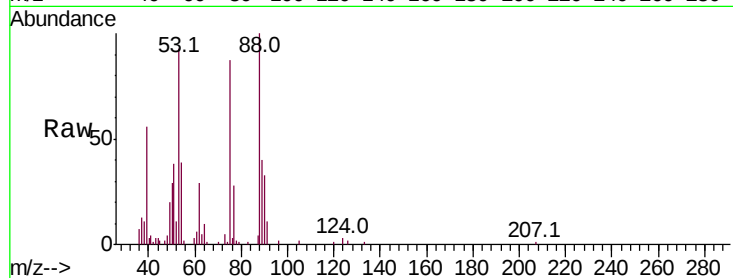
Tot Ion: 75 Resp: 29960

Ion Ratio Lower Upper

75 100

53 115.7 85.7 128.5

89 49.0 38.0 57.0



#82

4-Chlorotoluene

Concen: 18.413 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063505.D

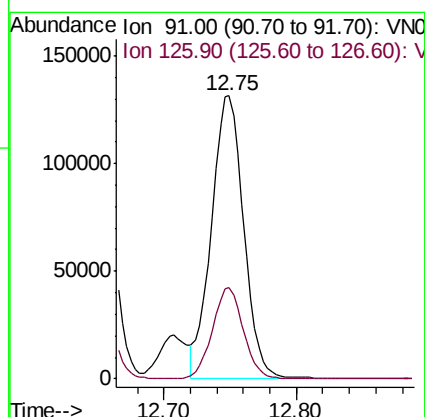
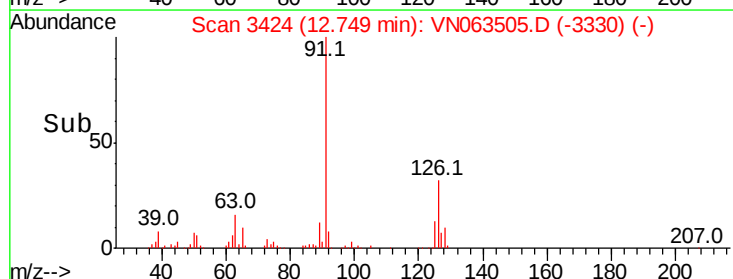
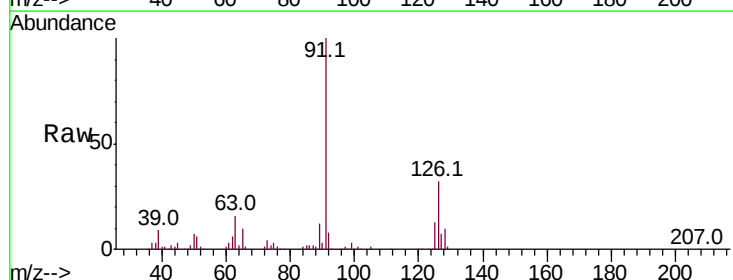
Acq: 22 Sep 2020 00:05

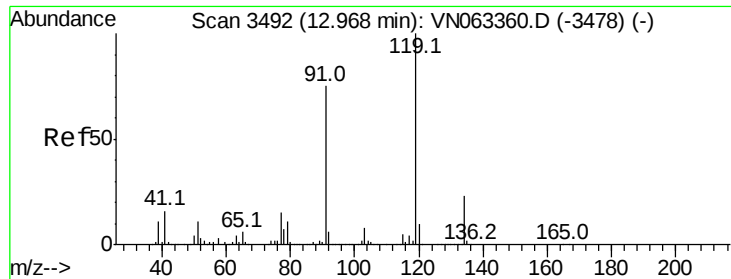
Tgt Ion: 91 Resp: 220576

Ion Ratio Lower Upper

91 100

126 30.7 15.5 46.5

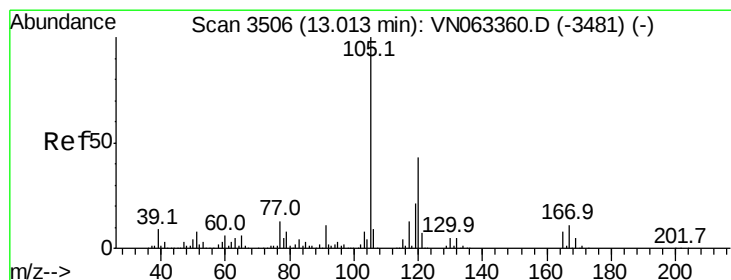
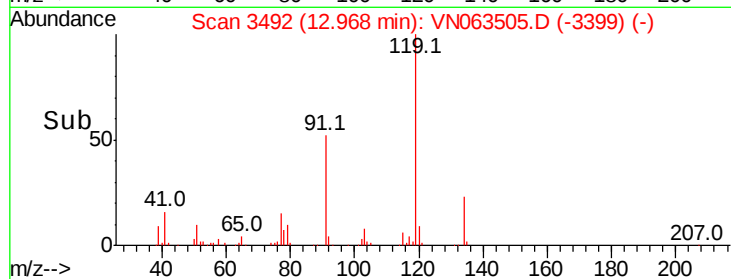
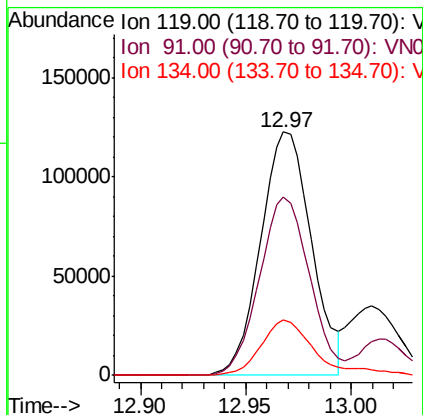
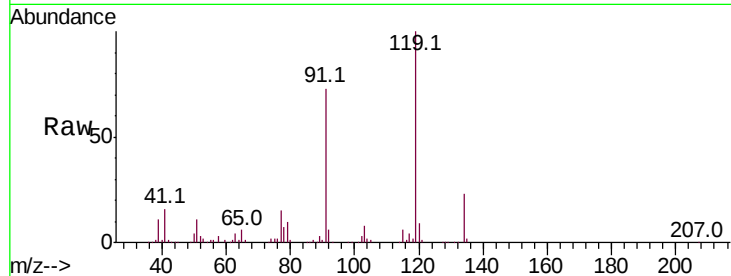




#83
tert-Butylbenzene
Concen: 18.393 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

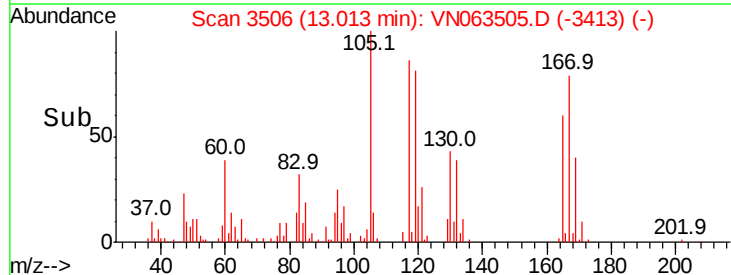
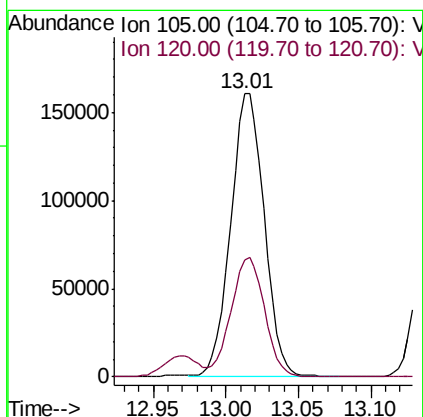
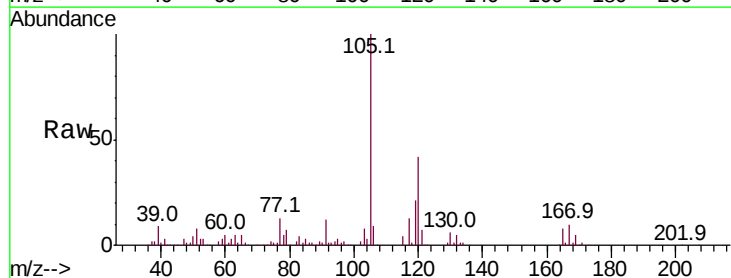
Instrument :
MSVOA_N
ClientSampleId :
VN0921WBSD02

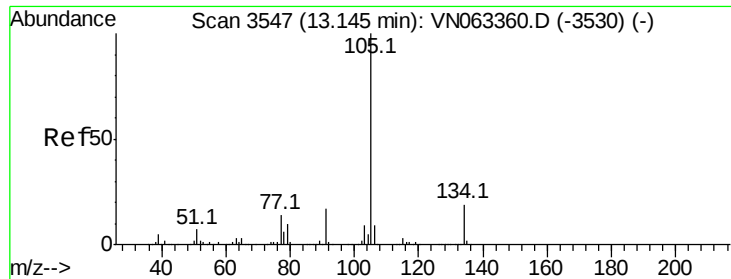
Tot Ion:119 Resp: 205561
Ion Ratio Lower Upper
119 100
91 72.2 36.3 108.9
134 24.1 12.3 36.8



#84
1,2,4-Trimethylbenzene
Concen: 18.694 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN063505.D
Acq: 22 Sep 2020 00:05

Tgt Ion:105 Resp: 255688
Ion Ratio Lower Upper
105 100
120 42.7 21.3 63.9





#85

sec-Butylbenzene

Concen: 17.973 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

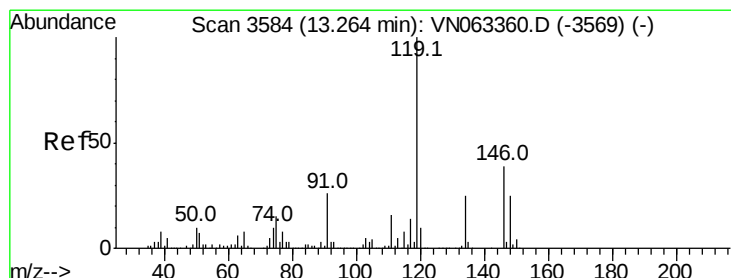
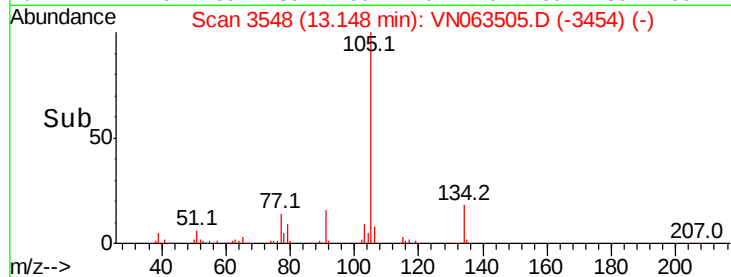
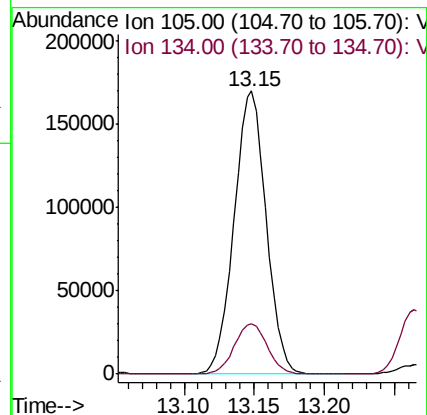
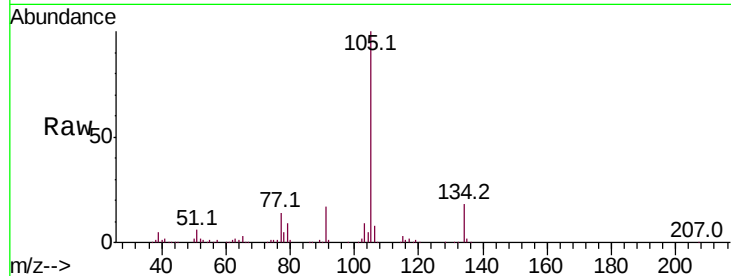
VN0921WBSD02

Tot Ion:105 Resp: 268883

Ion Ratio Lower Upper

105 100

134 18.4 9.3 27.7



#86

p-Isopropyltoluene

Concen: 18.076 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

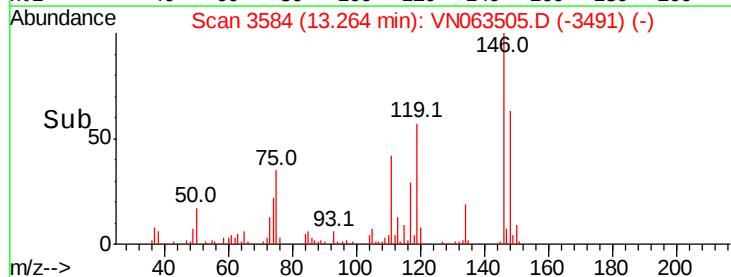
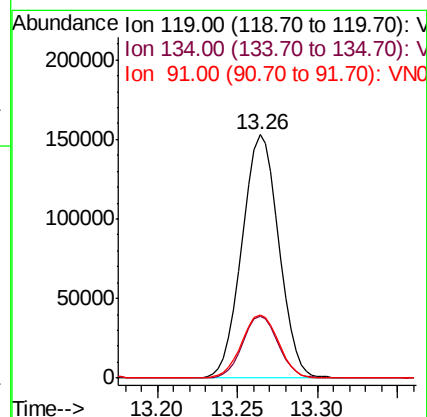
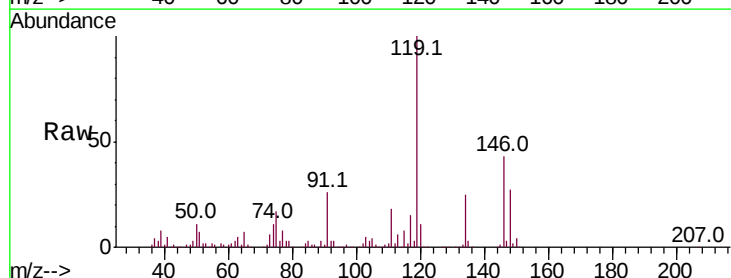
Tgt Ion:119 Resp: 238510

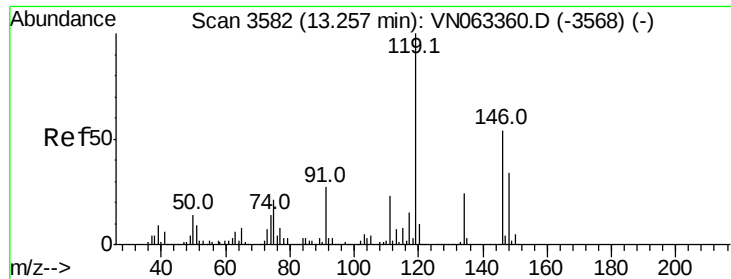
Ion Ratio Lower Upper

119 100

134 25.0 12.5 37.5

91 26.2 13.4 40.1

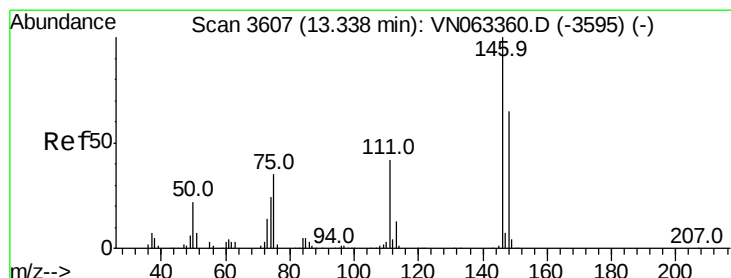
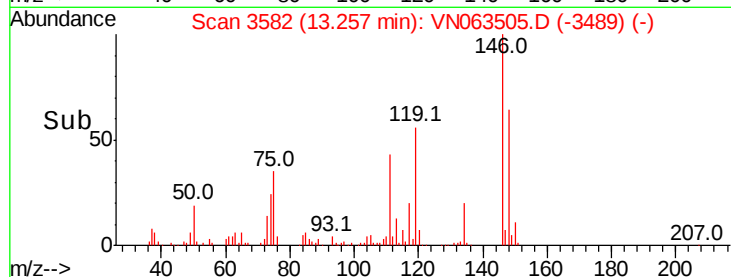
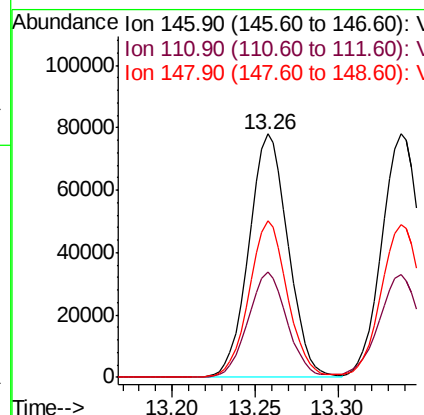
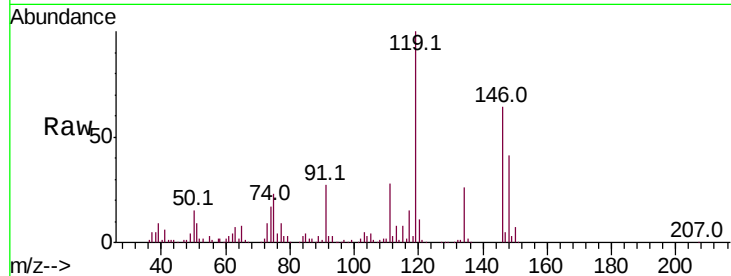




#87
 1,3-Dichlorobenzene
 Concen: 18.905 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

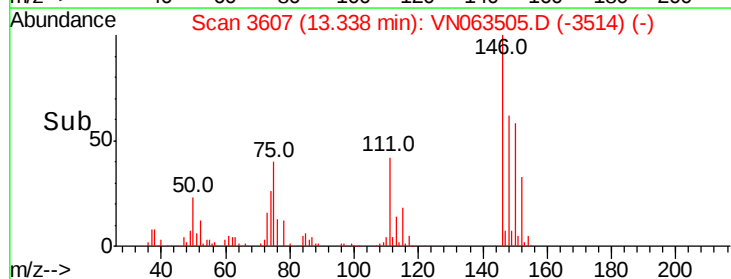
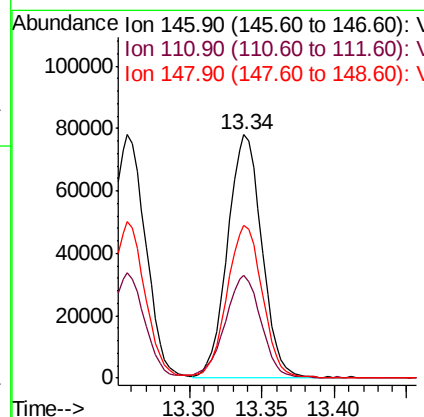
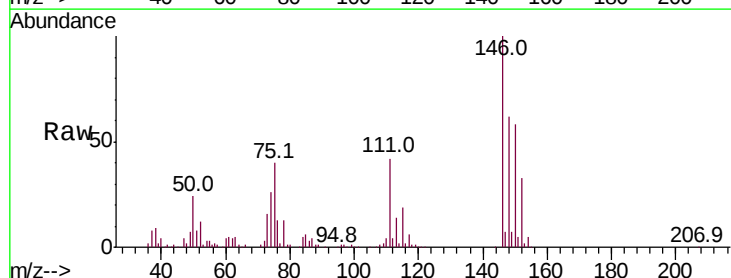
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0921WBSD02

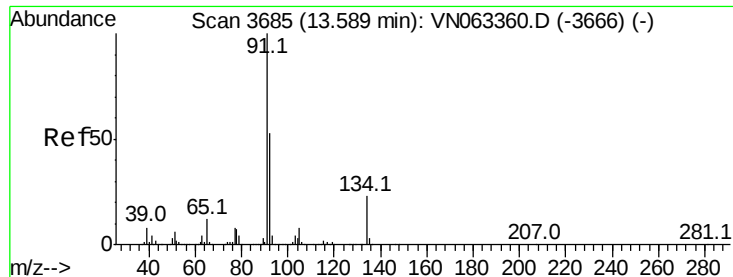
Tot Ion:146 Resp: 127995
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.4 64.3
 148 62.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 18.530 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

Tgt Ion:146 Resp: 127552
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.2 63.6
 148 65.5 31.9 95.9





#89

n-Butylbenzene

Concen: 17.434 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

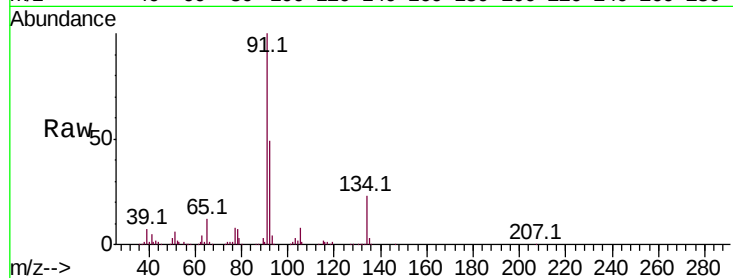
Tot Ion: 91 Resp: 212036

Ion Ratio Lower Upper

91 100

92 50.2 26.0 78.0

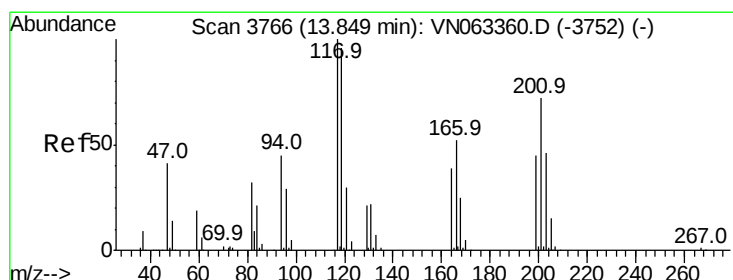
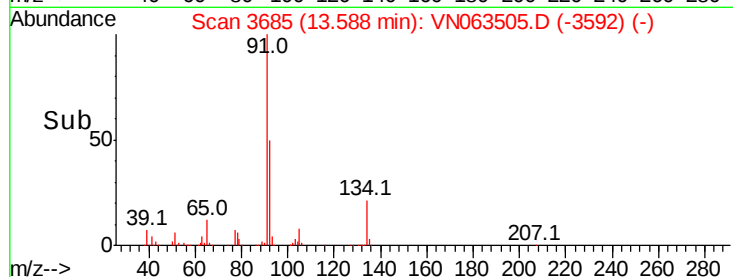
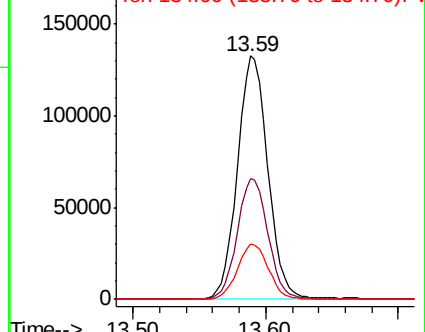
134 22.9 11.7 35.0



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

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

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



#90

Hexachloroethane

Concen: 16.797 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063505.D

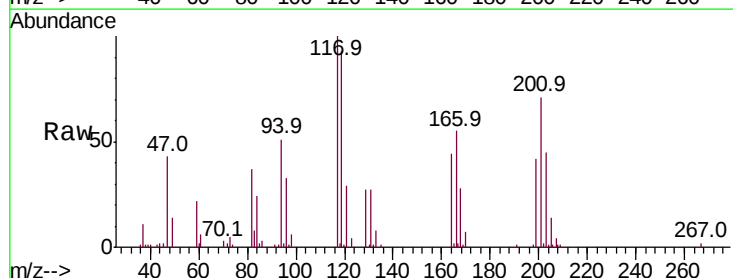
Acq: 22 Sep 2020 00:05

Tgt Ion: 117 Resp: 42203

Ion Ratio Lower Upper

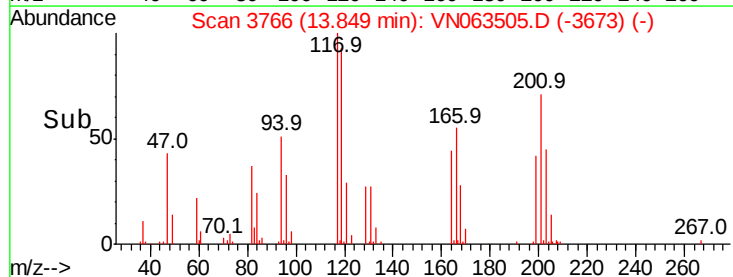
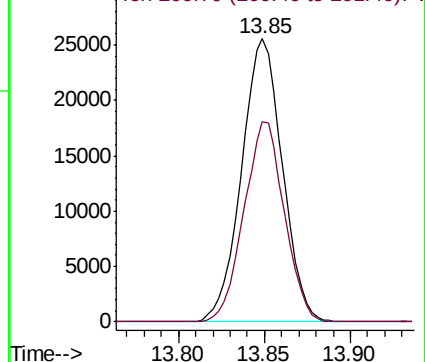
117 100

201 69.7 35.5 106.7



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

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

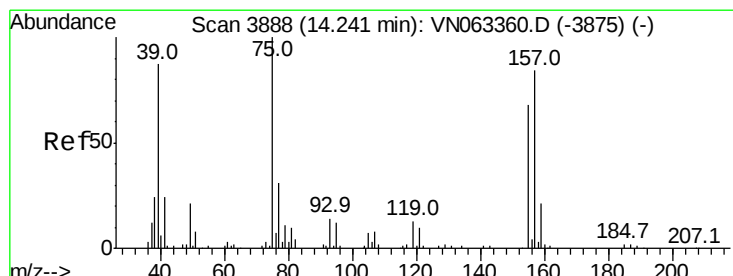
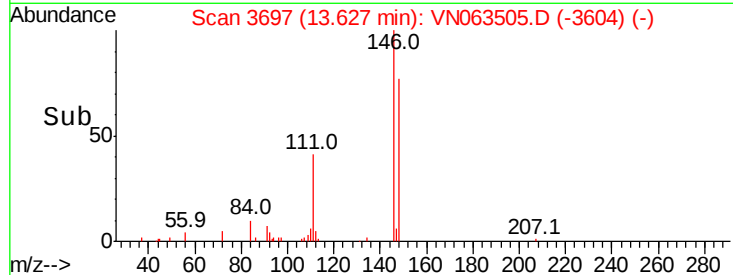
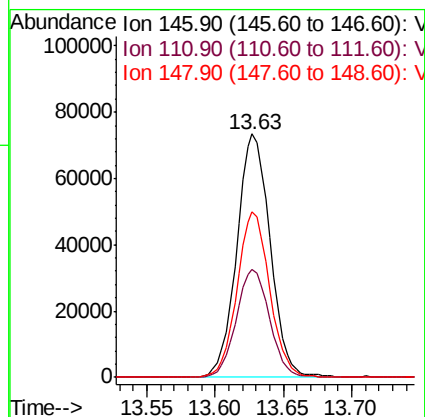
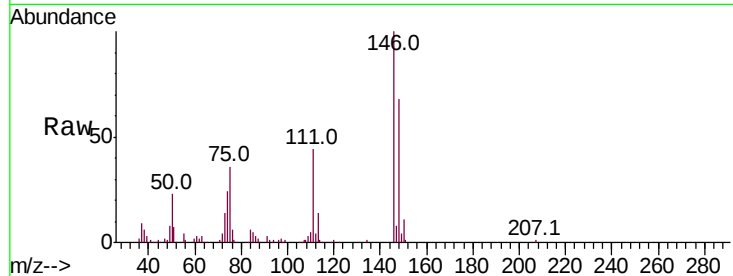




#91
 1,2-Dichlorobenzene
 Concen: 18.768 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

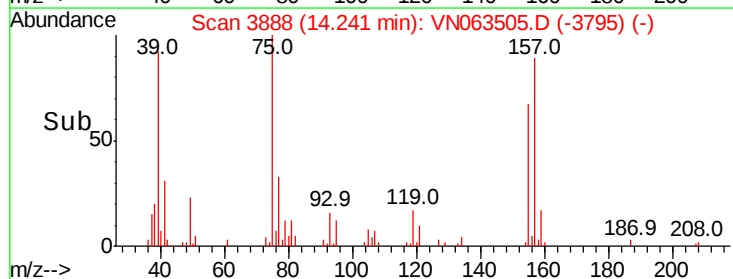
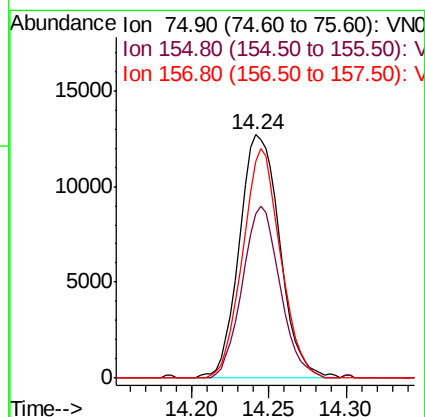
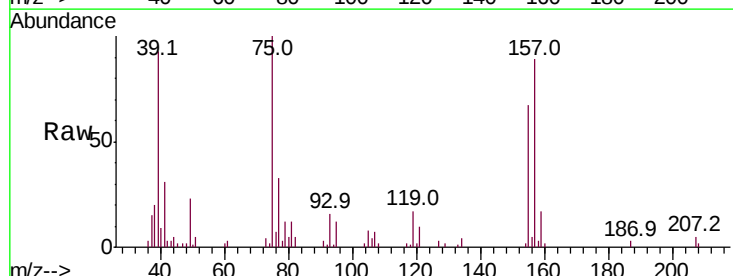
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

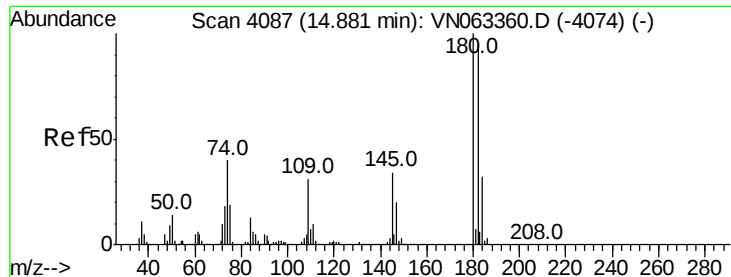
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.4	67.2
148	66.2	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.338 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.7	34.6	103.9
157	88.0	43.7	131.1

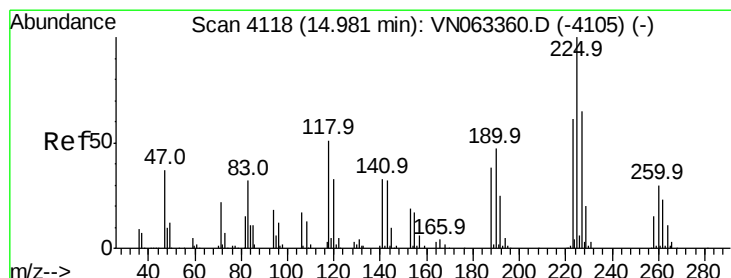
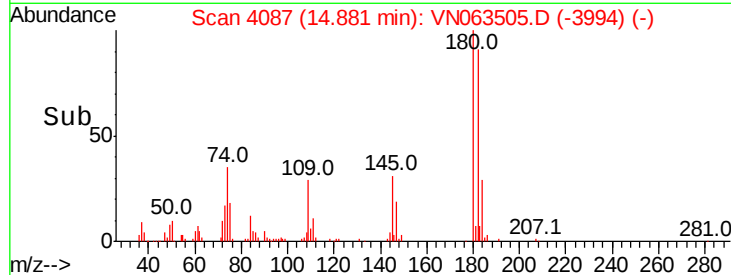
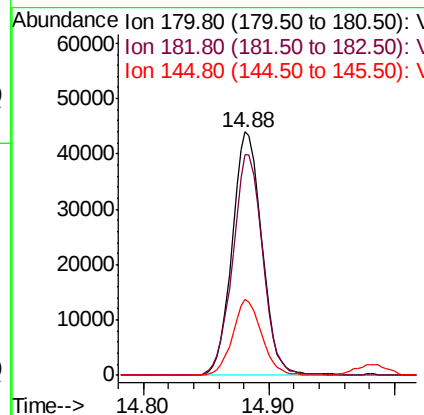
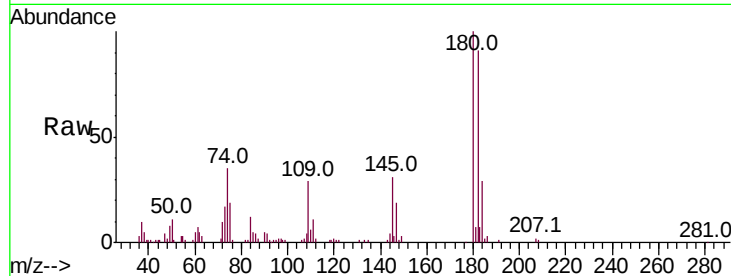




#93
 1,2,4-Trichlorobenzene
 Concen: 18.491 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

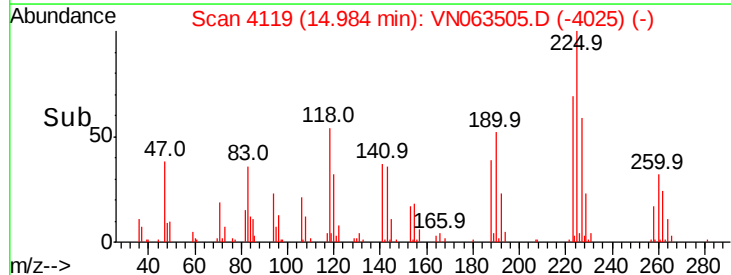
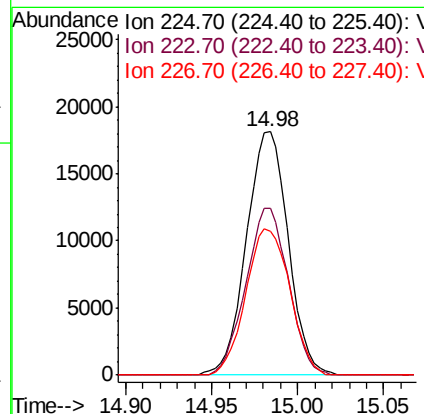
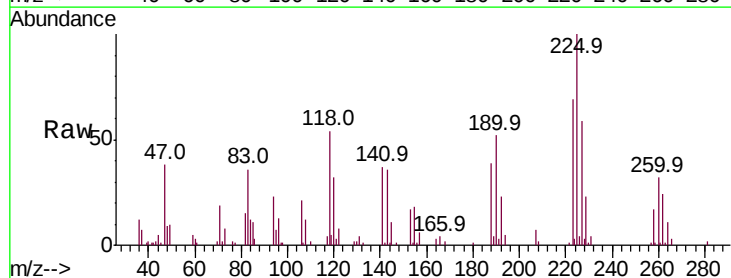
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921WBSD02

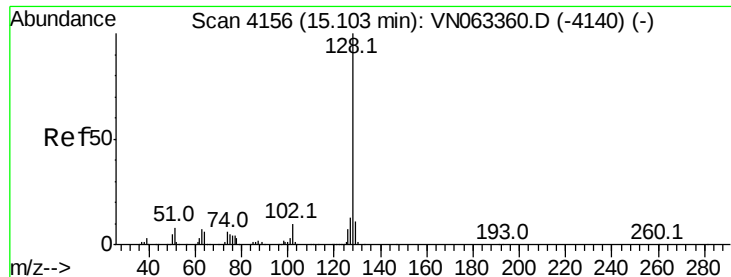
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.5	47.3	142.0
145	30.3	16.6	49.7



#94
 Hexachlorobutadiene
 Concen: 18.796 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063505.D
 Acq: 22 Sep 2020 00:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.8	30.6	91.6
227	63.4	31.2	93.6





#95

Naphthalene

Concen: 19.301 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN0921WBSD02

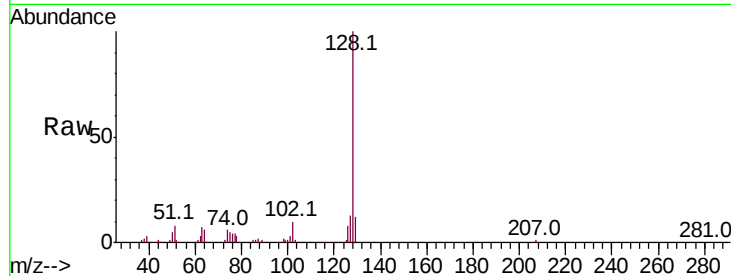
Tot Ion:128 Resp: 249884

Ion Ratio Lower Upper

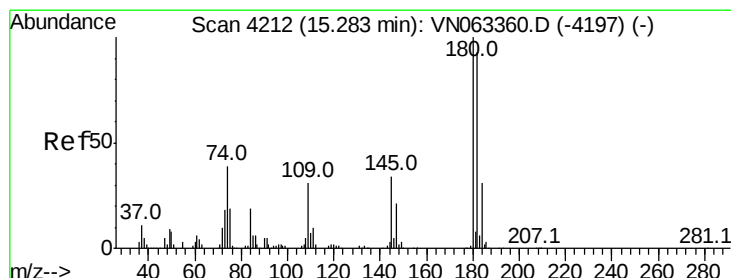
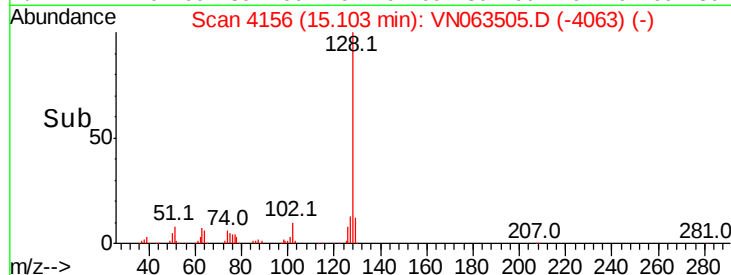
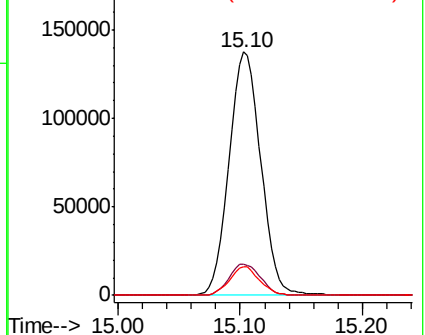
128 100

127 12.8 10.6 15.8

129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.730 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063505.D

Acq: 22 Sep 2020 00:05

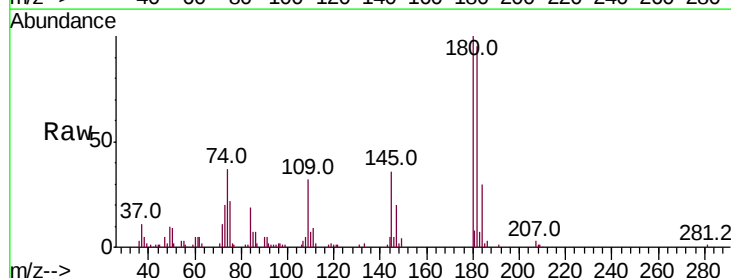
Tgt Ion:180 Resp: 70917

Ion Ratio Lower Upper

180 100

182 92.2 46.7 140.1

145 32.9 16.8 50.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

