

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063159.D
 Acq On : 1 Sep 2020 16:51
 Operator : JC/MD
 Sample : VN0901WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 04:02:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	440285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	813437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	744971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	330519	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	342021	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	7.55	113	247824	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	10.06	98	953791	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
62) 4-Bromofluorobenzene	12.38	95	328748	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	79078	18.237	ug/l	100
3) Chloromethane	2.04	50	117758	18.650	ug/l	96
4) Vinyl Chloride	2.17	62	131131	18.801	ug/l	97
5) Bromomethane	2.54	94	128526	21.892	ug/l	100
6) Chloroethane	2.68	64	111341	20.078	ug/l	98
7) Trichlorofluoromethane	2.98	101	239419	22.781	ug/l	100
8) Diethyl Ether	3.38	74	61759	18.507	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	89584	18.897	ug/l	98
10) Methyl Iodide	3.91	142	92580	14.319	ug/l	99
11) Tert butyl alcohol	4.73	59	92325	104.502	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	91401	18.921	ug/l	96
13) Acrolein	3.58	56	14099	55.042	ug/l	89
14) Allyl chloride	4.27	41	159508	18.592	ug/l	95
15) Acrylonitrile	4.93	53	231910	95.215	ug/l	99
16) Acetone	3.78	43	215062	105.113	ug/l	96
17) Carbon Disulfide	4.01	76	253857	17.656	ug/l	99
18) Methyl Acetate	4.28	43	104061	19.836	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	334780	18.682	ug/l	100
20) Methylene Chloride	4.50	84	109459	18.718	ug/l	89
21) trans-1,2-Dichloroethene	4.99	96	102060	19.124	ug/l	98
22) Diisopropyl ether	5.90	45	350950	18.255	ug/l	98
23) Vinyl Acetate	5.85	43	1493657	97.369	ug/l	99
24) 1,1-Dichloroethane	5.80	63	199596	18.833	ug/l	99
25) 2-Butanone	6.79	43	332590	104.983	ug/l	98
26) 2,2-Dichloropropane	6.78	77	176365	18.366	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	119720	18.456	ug/l	100
28) Bromochloromethane	7.15	49	93770	16.935	ug/l	99
29) Tetrahydrofuran	7.17	42	220074	100.465	ug/l	99
30) Chloroform	7.33	83	200332	18.067	ug/l	97
31) Cyclohexane	7.62	56	172662	17.342	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	180863	18.929	ug/l	100
36) 1,1-Dichloropropene	7.75	75	145273	18.577	ug/l	95
37) Ethyl Acetate	6.88	43	149150	20.425	ug/l #	96
38) Carbon Tetrachloride	7.73	117	146760	18.506	ug/l	96

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Instrument :
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 ClientSampleId :

Quant Time: Sep 02 04:02:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	165841	18.877	ug/l	99
40) Benzene	8.00	78	437533	19.040	ug/l	99
41) Methacrylonitrile	7.13	41	66662	20.235	ug/l	95
42) 1,2-Dichloroethane	8.09	62	169863	19.788	ug/l	99
43) Isopropyl Acetate	8.13	43	260799	20.450	ug/l	99
44) Trichloroethene	8.80	130	111499	20.004	ug/l	95
45) 1,2-Dichloropropane	9.08	63	113659	18.681	ug/l	98
46) Dibromomethane	9.18	93	78763	19.534	ug/l	97
47) Bromodichloromethane	9.37	83	165492	19.148	ug/l #	97
48) Methyl methacrylate	9.16	41	114690	19.949	ug/l	98
49) 1,4-Dioxane	9.17	88	37253	418.937	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	746964	107.784	ug/l	98
52) Toluene	10.13	92	284800	19.895	ug/l	94
53) t-1,3-Dichloropropene	10.35	75	172182	18.213	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	184347	18.577	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	108385	19.770	ug/l	98
56) Ethyl methacrylate	10.40	69	162333	19.457	ug/l	98
57) 1,3-Dichloropropane	10.68	76	186394	19.085	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	407709	94.369	ug/l	99
59) 2-Hexanone	10.72	43	532537	109.341	ug/l	98
60) Dibromochloromethane	10.87	129	115766	19.100	ug/l	99
61) 1,2-Dibromoethane	10.98	107	109631	19.237	ug/l	99
64) Tetrachloroethene	10.60	164	109034	20.382	ug/l	99
65) Chlorobenzene	11.41	112	283722	18.909	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	104973	18.843	ug/l	95
67) Ethyl Benzene	11.49	91	540987	19.764	ug/l	100
68) m/p-Xylenes	11.60	106	386030	38.078	ug/l	99
69) o-Xylene	11.92	106	191695	19.573	ug/l	99
70) Styrene	11.94	104	318960	18.950	ug/l	100
71) Bromoform	12.10	173	72599	19.203	ug/l #	98
73) Isopropylbenzene	12.23	105	510171	20.125	ug/l	99
74) N-amyl acetate	12.05	43	206925	19.706	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	146880	20.097	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	197314	30.384	ug/l #	100
77) Bromobenzene	12.50	156	112530	19.628	ug/l	99
78) n-propylbenzene	12.57	91	593640	20.237	ug/l	100
79) 2-Chlorotoluene	12.65	91	345370	19.657	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	424904	20.137	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	50245	18.701	ug/l	99
82) 4-Chlorotoluene	12.75	91	362896	19.915	ug/l	98
83) tert-Butylbenzene	12.97	119	353951	19.559	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	431369	20.282	ug/l	97
85) sec-Butylbenzene	13.15	105	475197	20.148	ug/l	99
86) p-Isopropyltoluene	13.27	119	428033	20.442	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	205588	19.520	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	205608	18.853	ug/l	97
89) n-Butylbenzene	13.59	91	380296	19.659	ug/l	99
90) Hexachloroethane	13.85	117	68374	17.640	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	206932	20.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	31063	19.332	ug/l	97

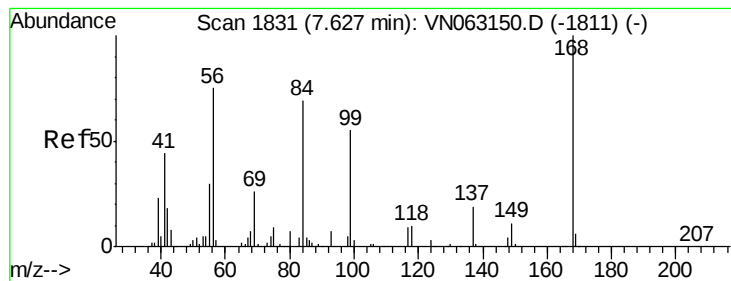
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
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Quant Time: Sep 02 04:02:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	110367	19.328	ug/l	97
94) Hexachlorobutadiene	14.98	225	40296	18.891	ug/l	95
95) Naphthalene	15.11	128	354123	18.588	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	106505	19.145	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

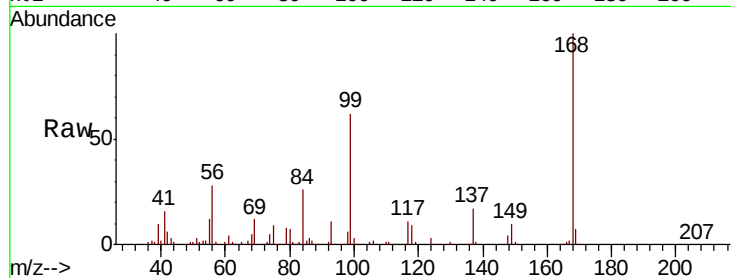
ClientSampled :

Tot Ion:168 Resp: 440285

Ion Ratio Lower Upper

168 100

99 61.2 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

200000

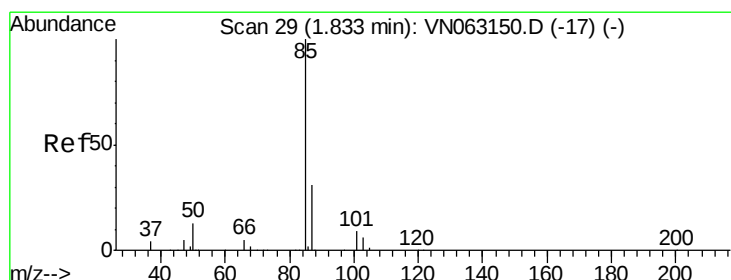
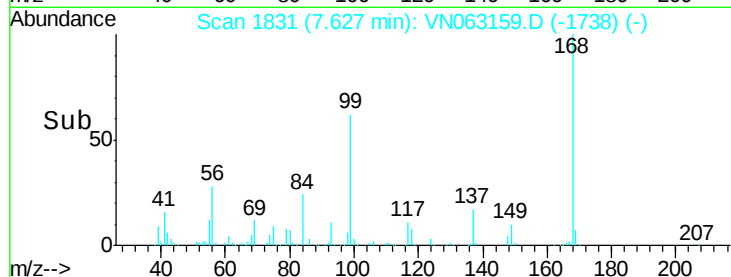
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.237 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063159.D

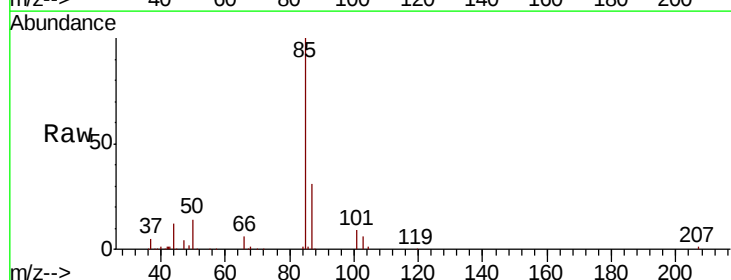
Acq: 1 Sep 2020 16:51

Tgt Ion: 85 Resp: 79078

Ion Ratio Lower Upper

85 100

87 31.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

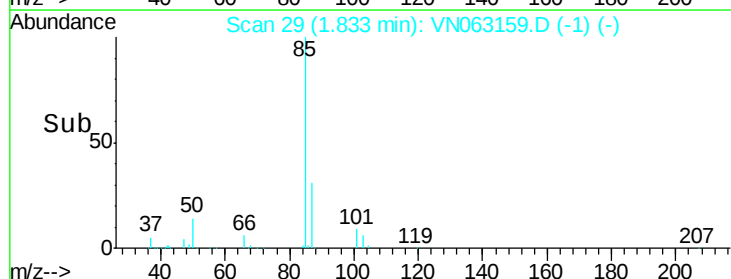
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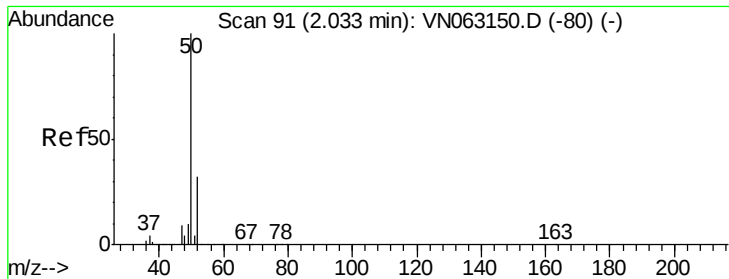
40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.650 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

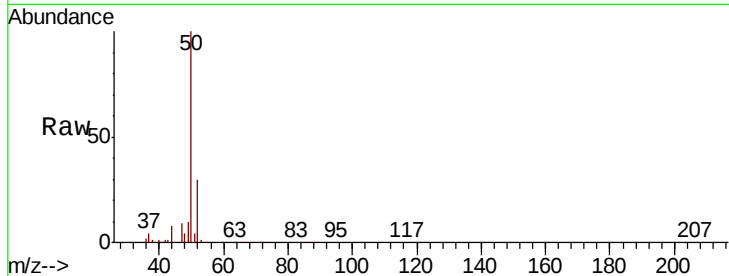
ClientSampleId :

Tot Ion: 50 Resp: 117758

Ion Ratio Lower Upper

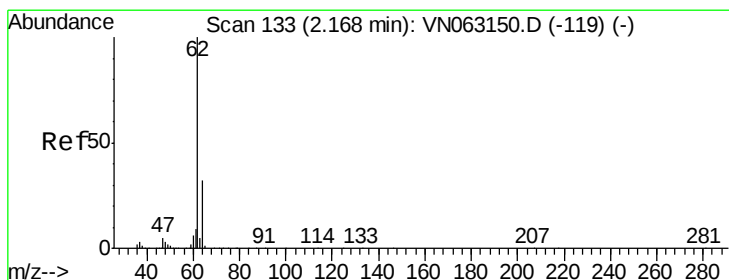
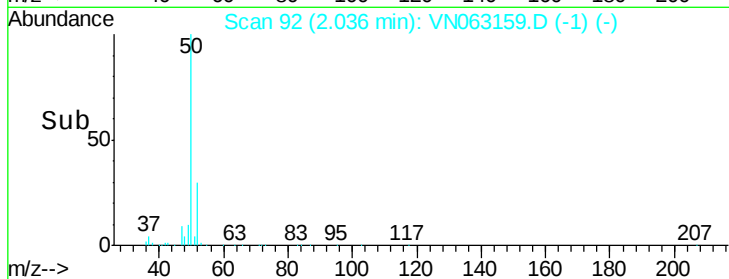
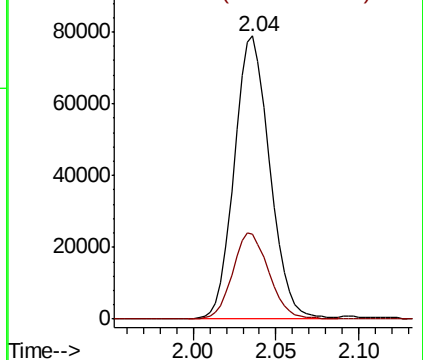
50 100

52 29.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 18.801 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063159.D

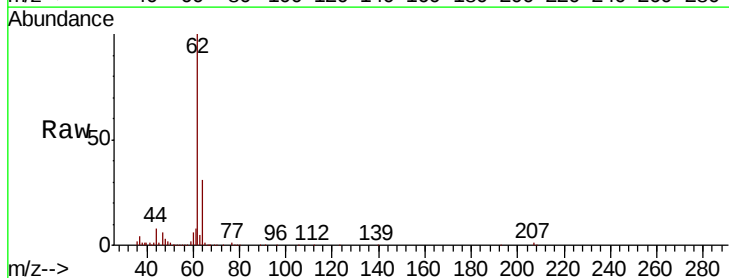
Acq: 1 Sep 2020 16:51

Tgt Ion: 62 Resp: 131131

Ion Ratio Lower Upper

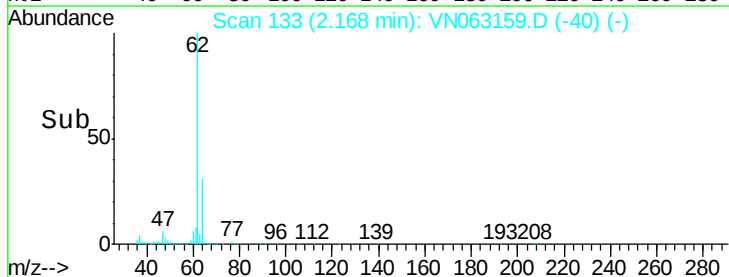
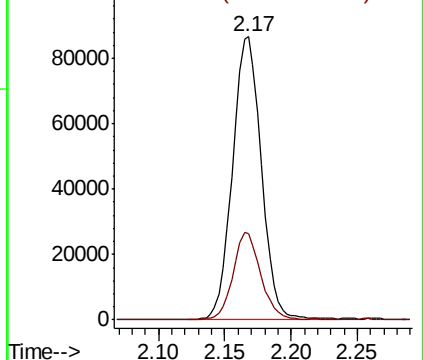
62 100

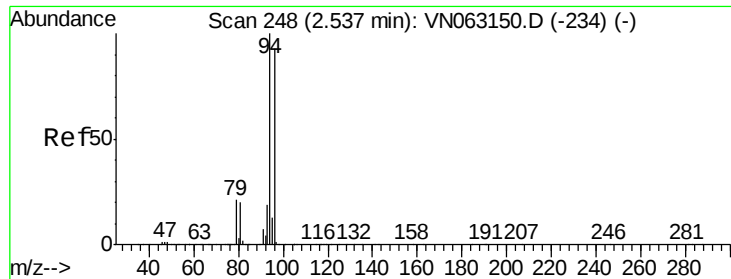
64 30.6 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 21.892 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

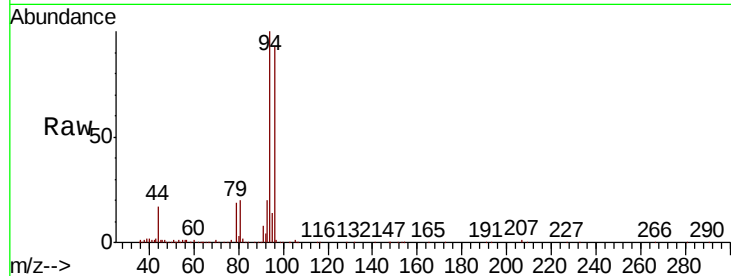
ClientSampled :

Tot Ion: 94 Resp: 128526

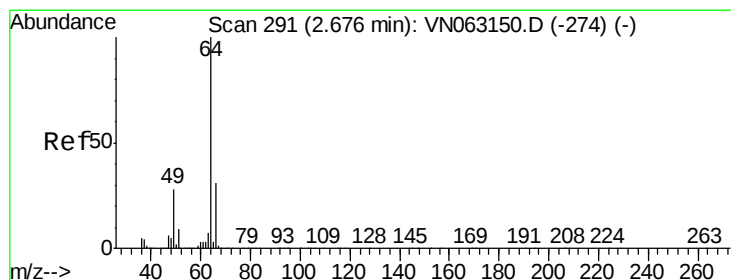
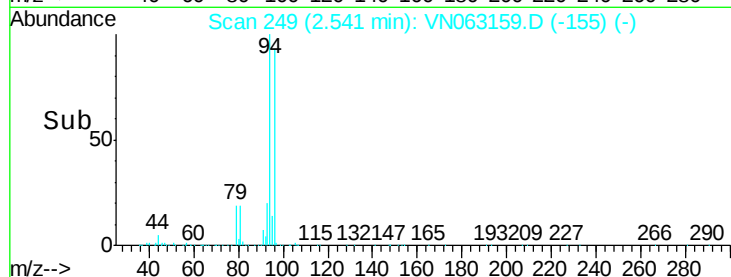
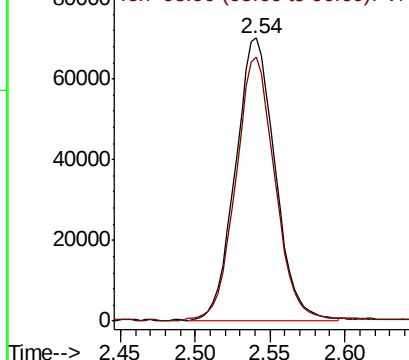
Ion Ratio Lower Upper

94 100

96 92.7 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 20.078 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063159.D

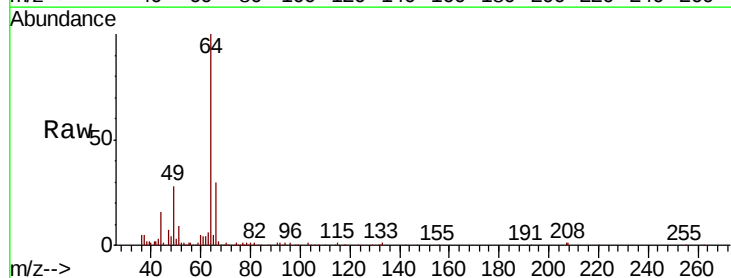
Acq: 1 Sep 2020 16:51

Tgt Ion: 64 Resp: 111341

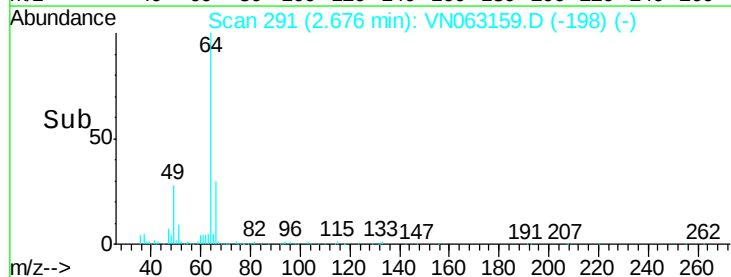
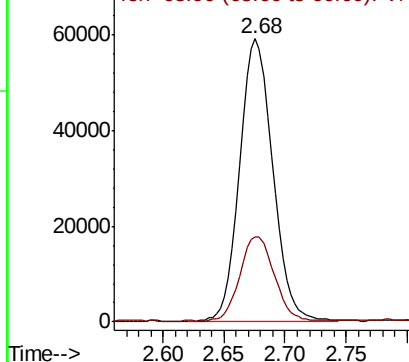
Ion Ratio Lower Upper

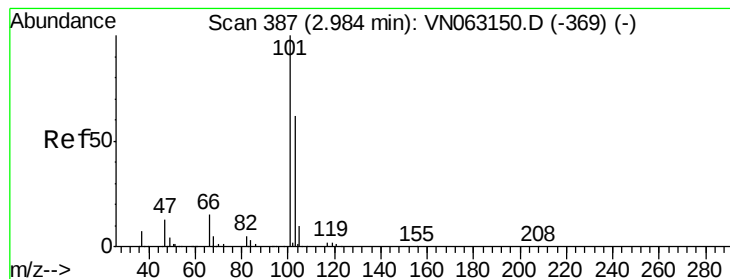
64 100

66 29.7 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



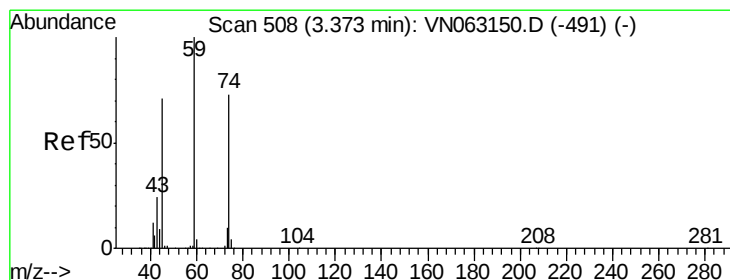
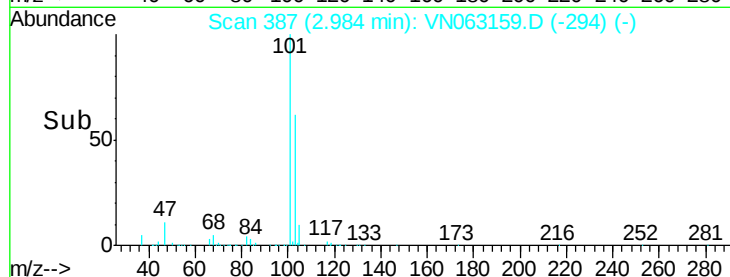
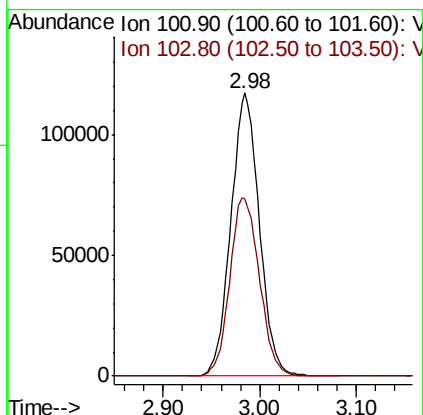
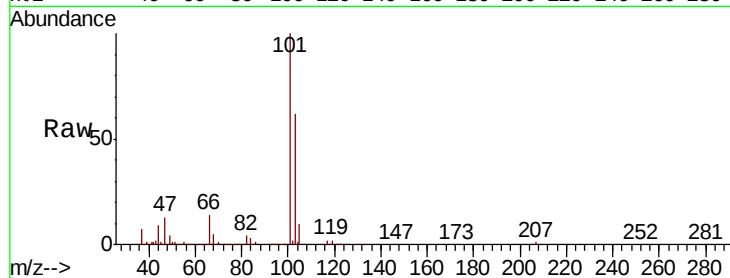


#7

Trichlorofluoromethane
Concen: 22.781 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

Instrument :
MSVOA_N
ClientSampleId :

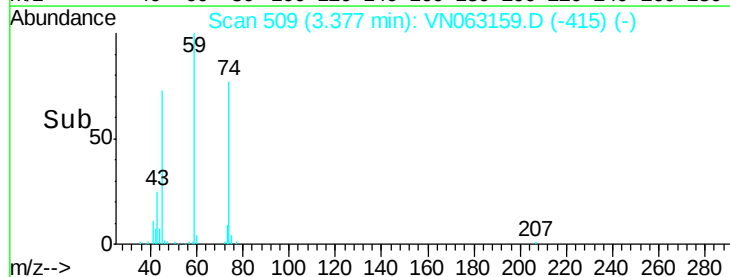
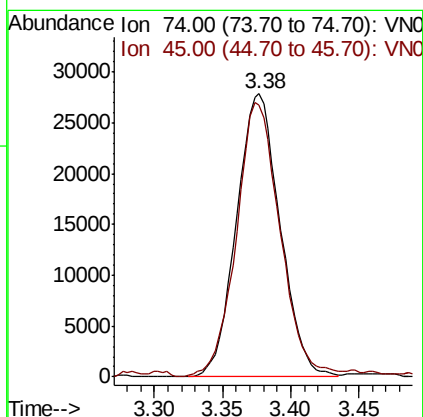
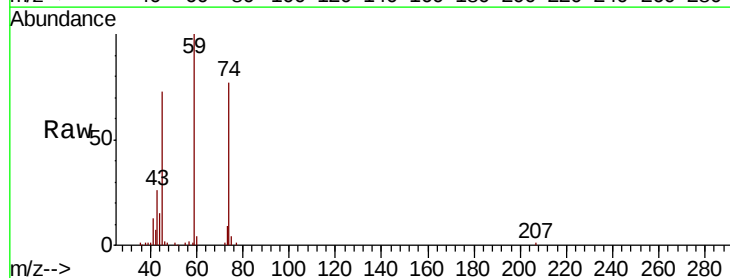
Tot Ion:101 Resp: 239419
Ion Ratio Lower Upper
101 100
103 62.4 49.7 74.5

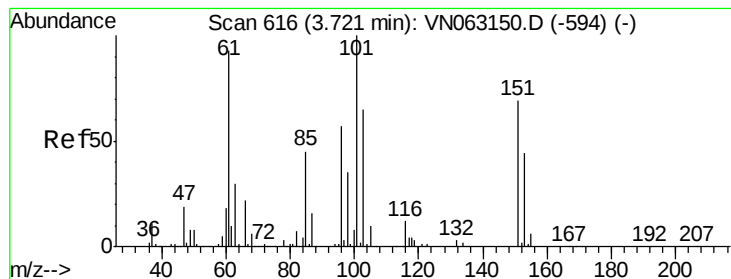


#8

Diethyl Ether
Concen: 18.507 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

Tgt Ion: 74 Resp: 61759
Ion Ratio Lower Upper
74 100
45 97.5 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.897 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

ClientSampled :

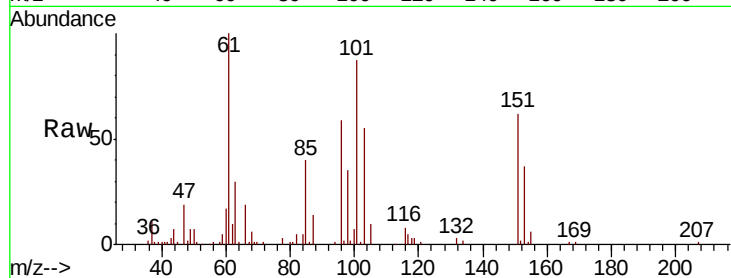
Tot Ion:101 Resp: 89584

Ion Ratio Lower Upper

101 100

85 46.6 37.8 56.8

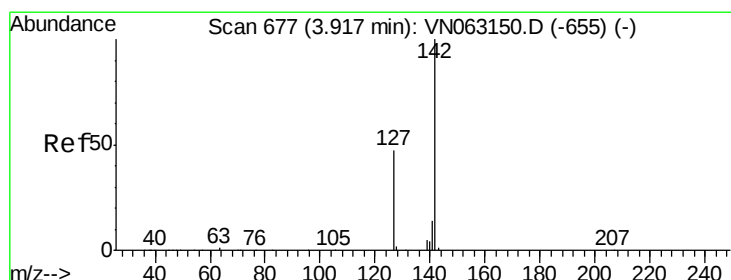
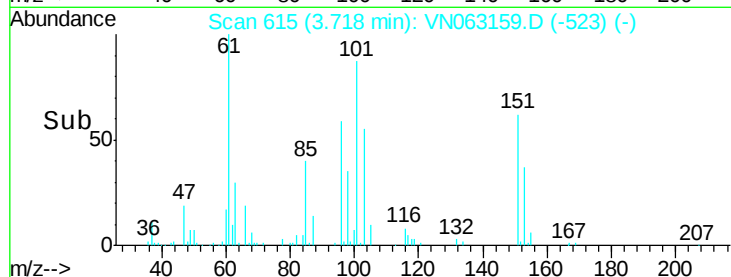
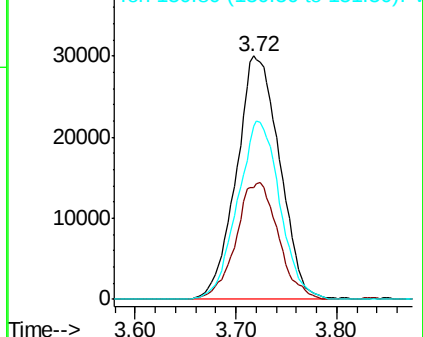
151 71.4 55.0 82.4



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: 14.319 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

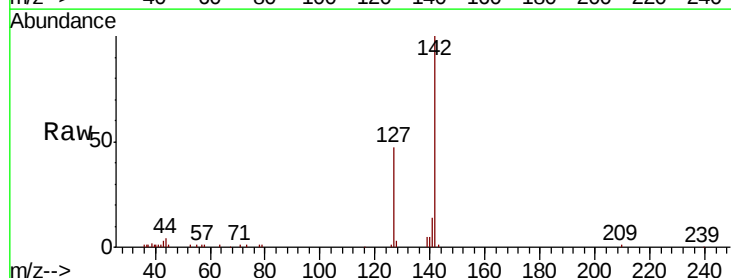
Tgt Ion:142 Resp: 92580

Ion Ratio Lower Upper

142 100

127 48.2 37.6 56.4

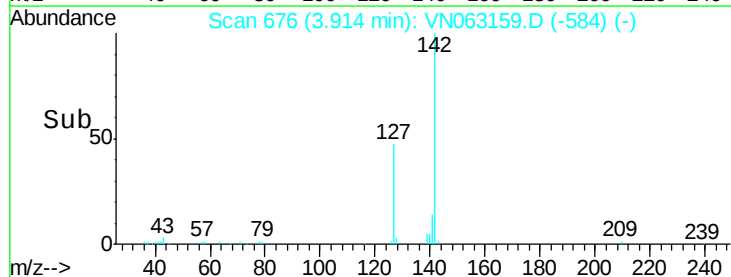
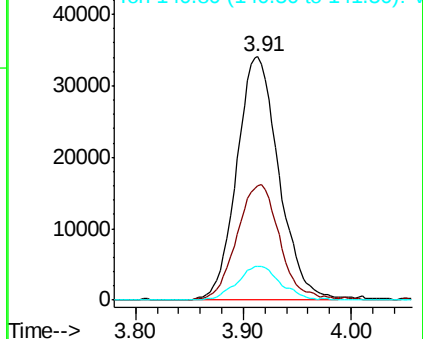
141 14.1 11.3 16.9

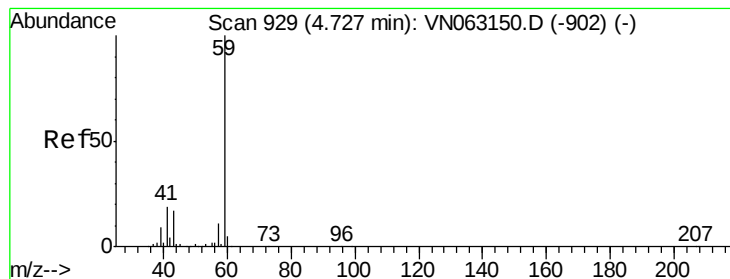


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



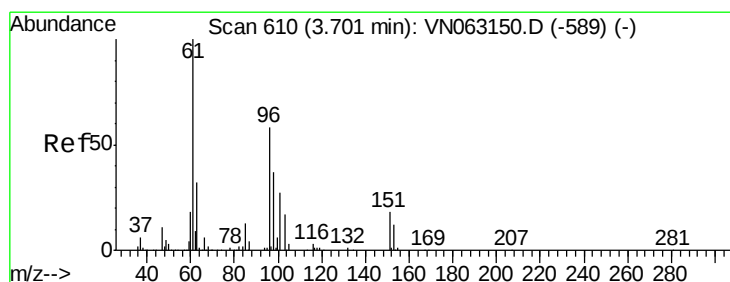
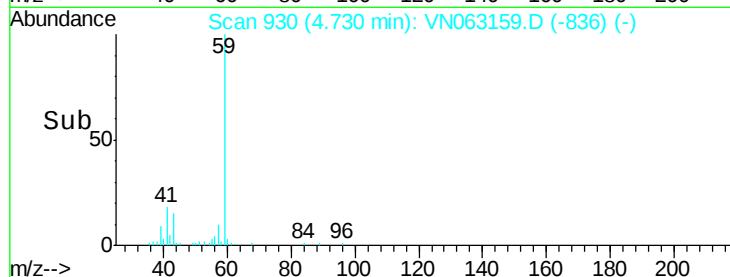
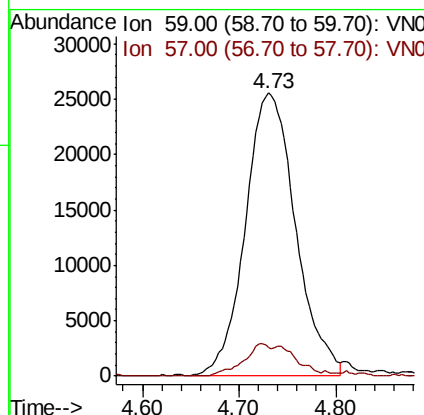
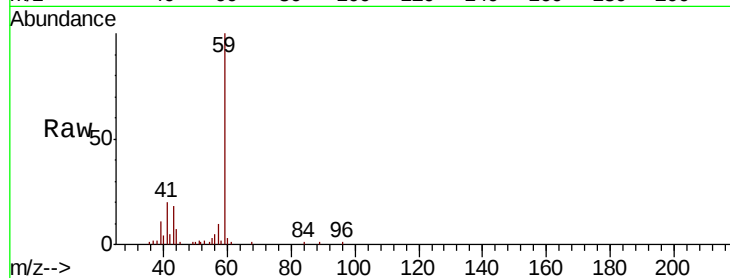


#11

Tert butyl alcohol
 Concen: 104.502 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

Instrument :
 MSVOA_N
 ClientSampleId :

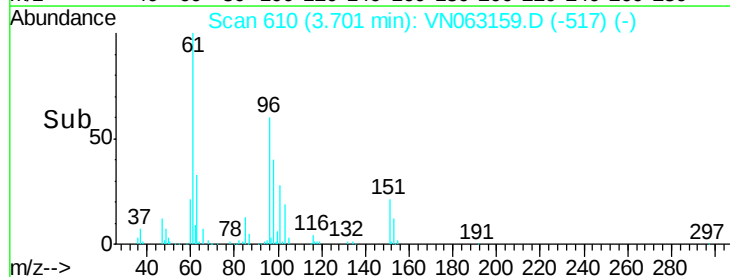
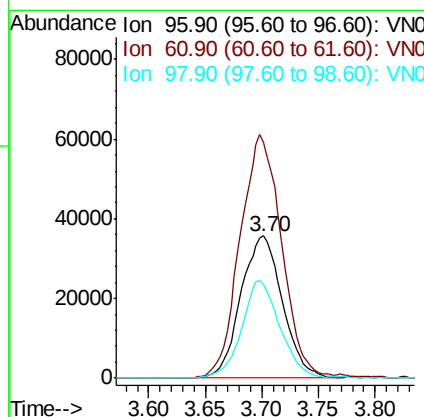
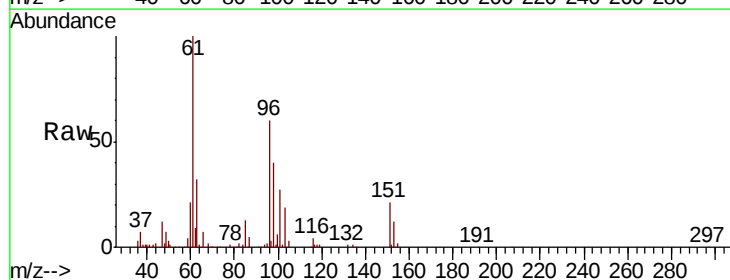
Tot Ion: 59 Resp: 92325
 Ion Ratio Lower Upper
 59 100
 57 6.2 8.4 12.6#

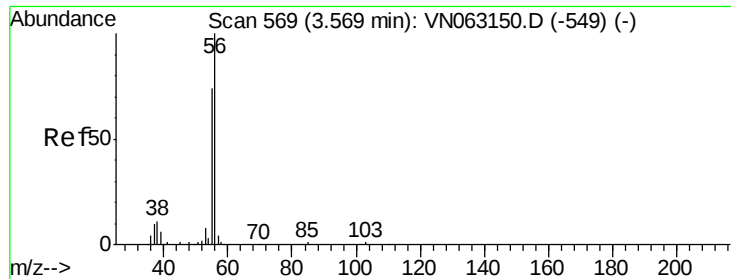


#12

1,1-Dichloroethene
 Concen: 18.921 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

Tgt Ion: 96 Resp: 91401
 Ion Ratio Lower Upper
 96 100
 61 166.0 137.4 206.2
 98 65.7 50.5 75.7





#13

Acrolein

Concen: 55.042 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

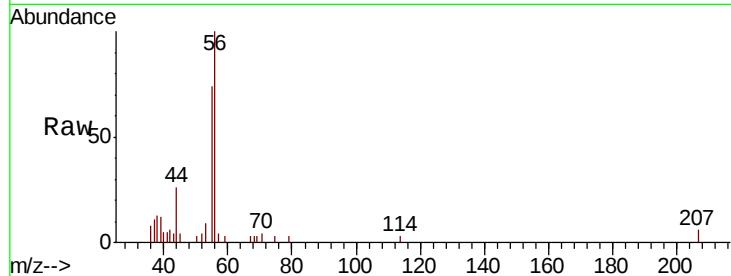
ClientSampled :

Tot Ion: 56 Resp: 14099

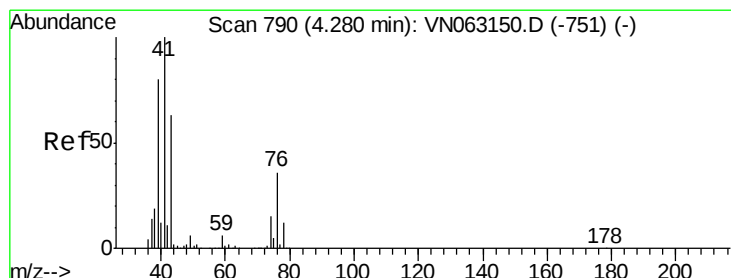
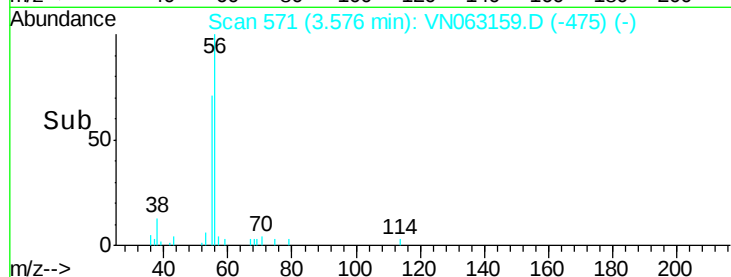
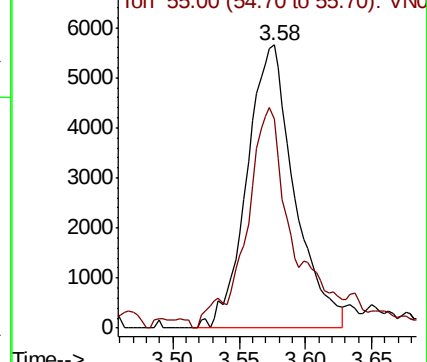
Ion Ratio Lower Upper

56 100

55 60.6 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN063159.D (-549) (-)



#14

Allyl chloride

Concen: 18.592 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

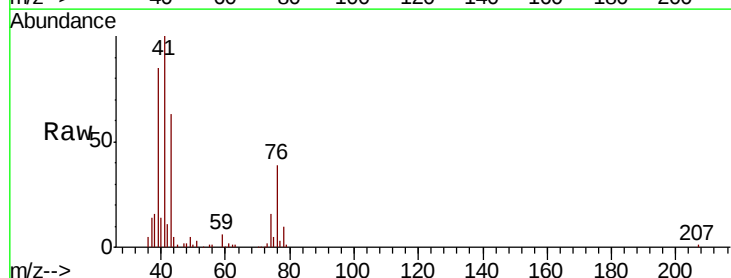
Tgt Ion: 41 Resp: 159508

Ion Ratio Lower Upper

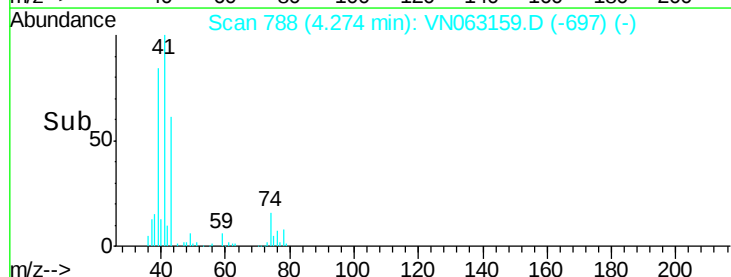
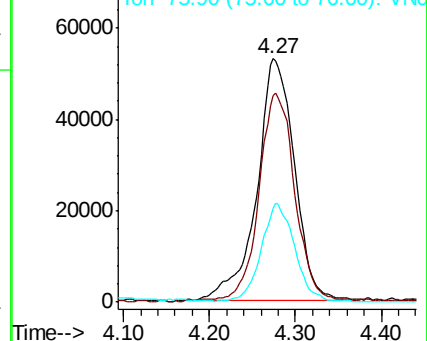
41 100

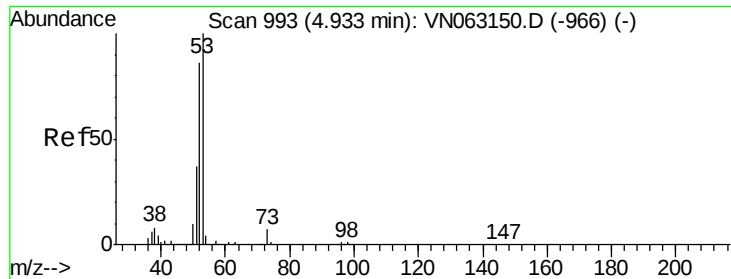
39 81.2 60.2 90.2

76 35.8 27.7 41.5



Abundance Ion 41.00 (40.70 to 41.70): VN063159.D (-697) (-)





#15

Acrylonitrile

Concen: 95.215 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

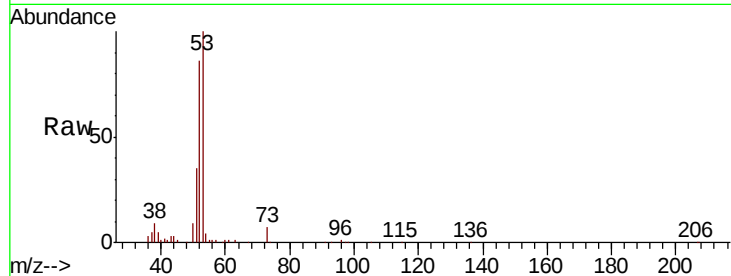
Tot Ion: 53 Resp: 231910

Ion Ratio Lower Upper

53 100

52 82.9 67.2 100.8

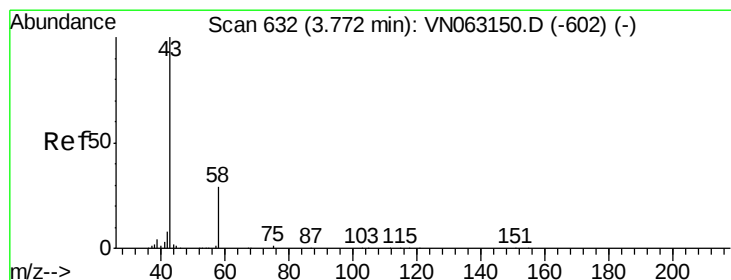
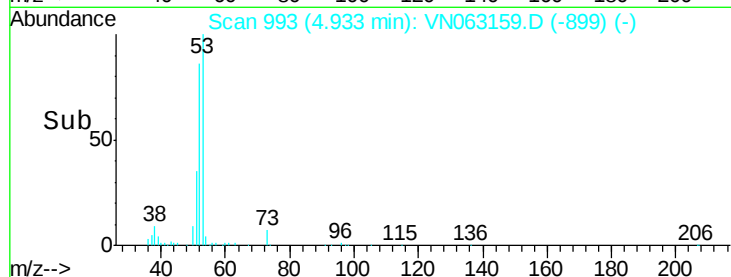
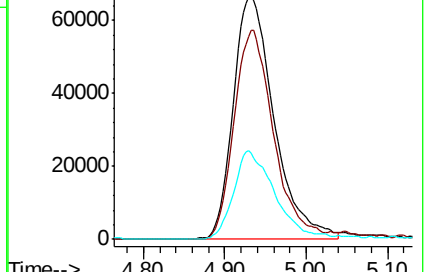
51 36.8 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063159.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063159.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063159.D (-899) (-)



#16

Acetone

Concen: 105.113 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063159.D

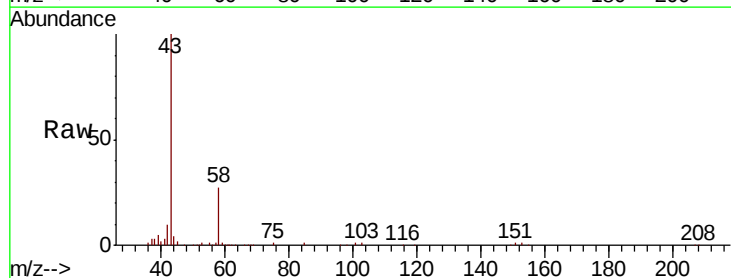
Acq: 1 Sep 2020 16:51

Tgt Ion: 43 Resp: 215062

Ion Ratio Lower Upper

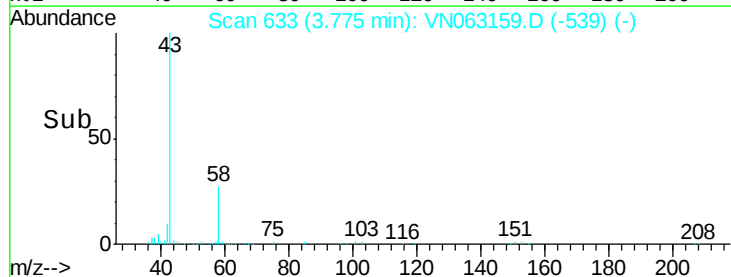
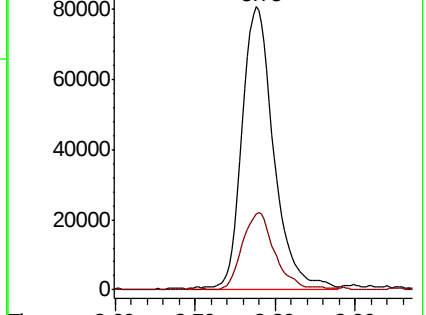
43 100

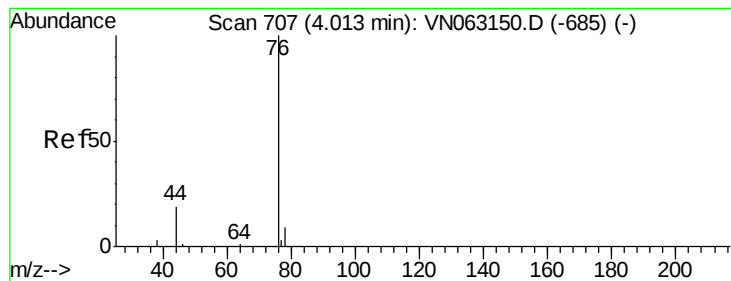
58 26.6 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN063159.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063159.D (-539) (-)





#17

Carbon Disulfide

Concen: 17.656 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

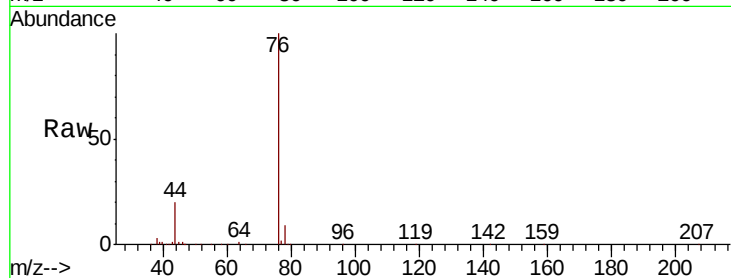
ClientSampled :

Tot Ion: 76 Resp: 253857

Ion Ratio Lower Upper

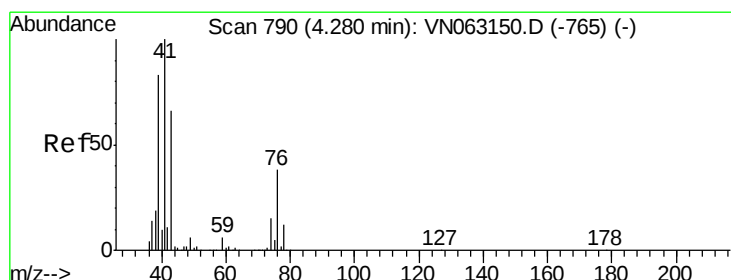
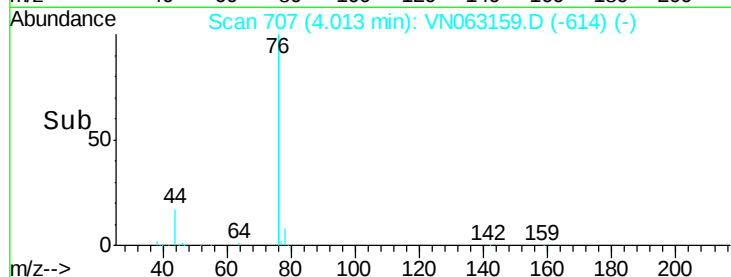
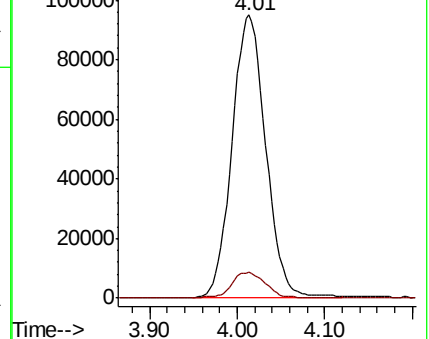
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN063159.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN063159.D (-614) (-)



#18

Methyl Acetate

Concen: 19.836 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN063159.D

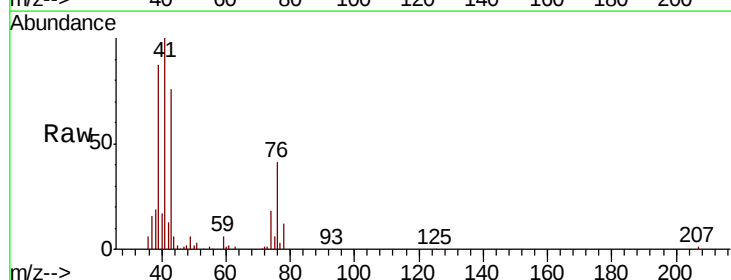
Acq: 1 Sep 2020 16:51

Tgt Ion: 43 Resp: 104061

Ion Ratio Lower Upper

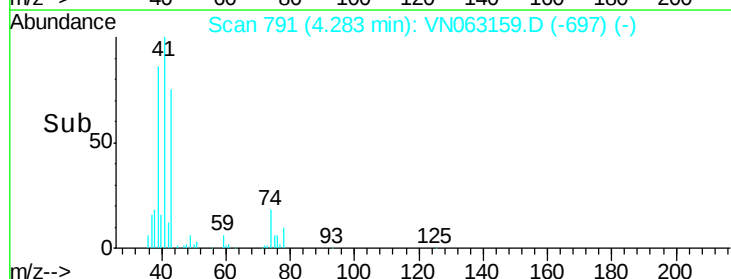
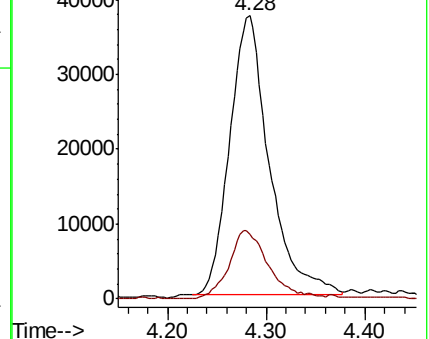
43 100

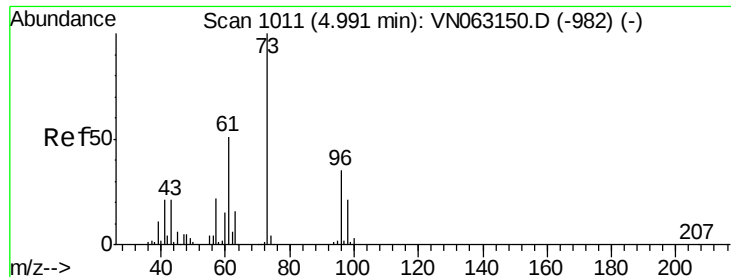
74 24.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN063159.D (-697) (-)

Ion 74.00 (73.70 to 74.70): VN063159.D (-697) (-)

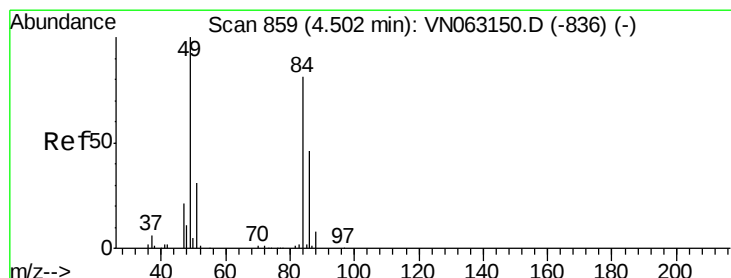
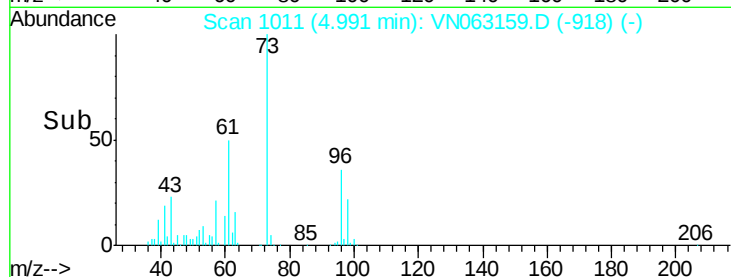
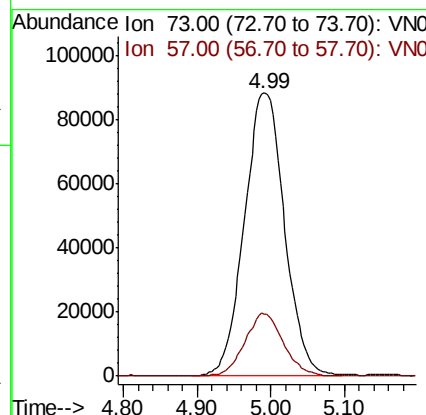
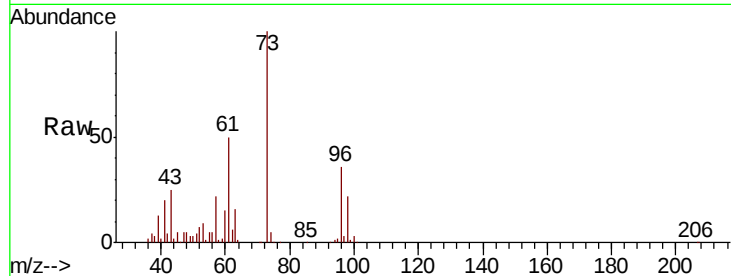




#19
Methvl tert-butvl Ether
Concen: 18.682 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

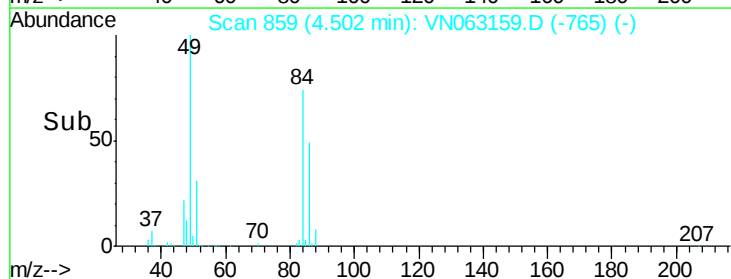
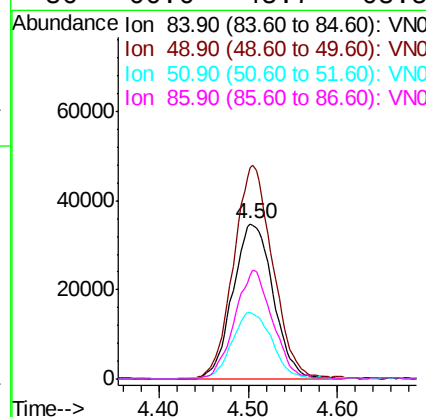
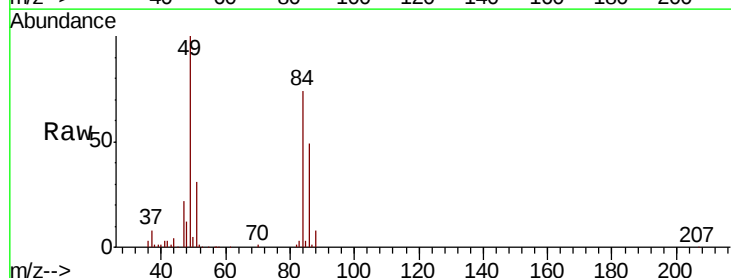
Instrument :
MSVOA_N
ClientSampleId :

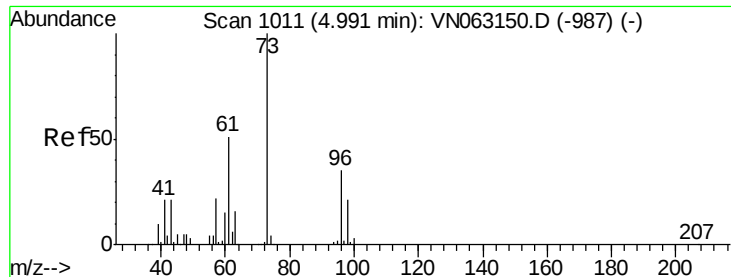
Tot Ion: 73 Resp: 334780
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4



#20
Methylene Chloride
Concen: 18.718 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

Tgt Ion: 84 Resp: 109459
Ion Ratio Lower Upper
84 100
49 135.1 98.4 147.6
51 42.1 30.4 45.6
86 66.6 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 19.124 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

ClientSampled :

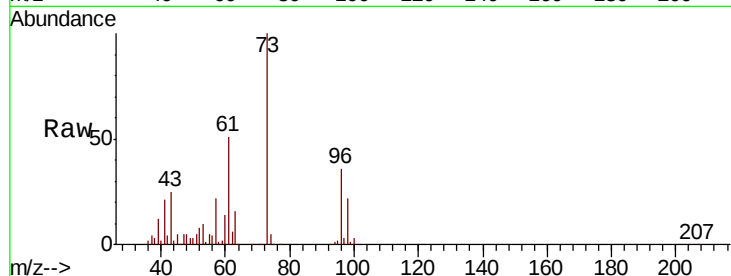
Tot Ion: 96 Resp: 102060

Ion Ratio Lower Upper

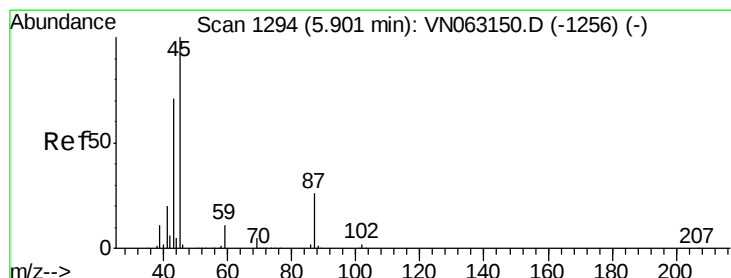
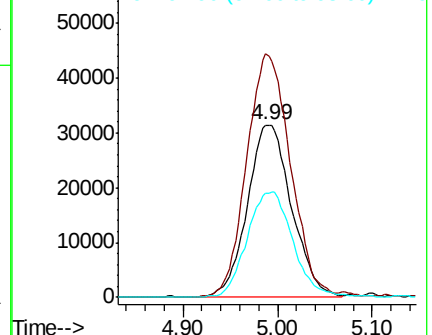
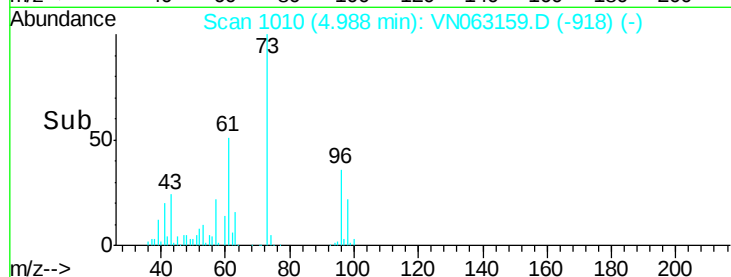
96 100

61 141.6 116.2 174.4

98 60.6 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VN063159.D (-918) (-)



#22

Diisopropyl ether

Concen: 18.255 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Tgt Ion: 45 Resp: 350950

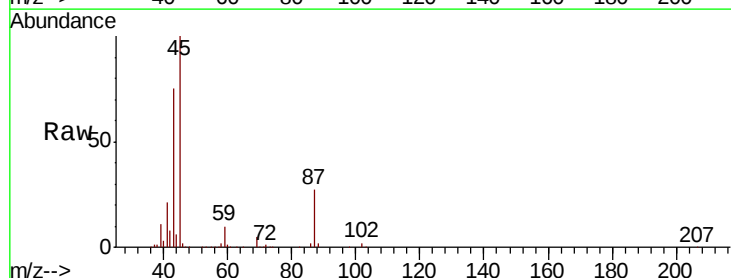
Ion Ratio Lower Upper

45 100

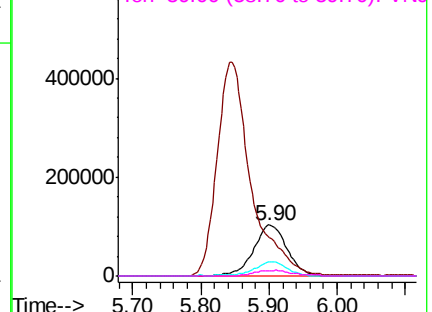
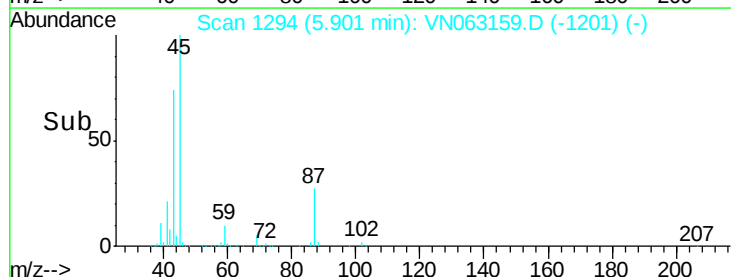
43 72.3 56.8 85.2

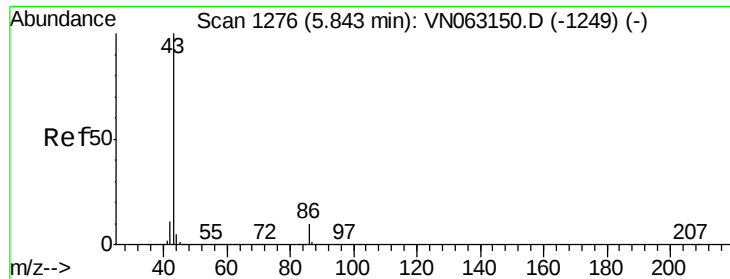
87 27.2 21.1 31.7

59 10.0 8.9 13.3



Abundance Ion 45.00 (44.70 to 45.70): VN063159.D (-1201) (-)

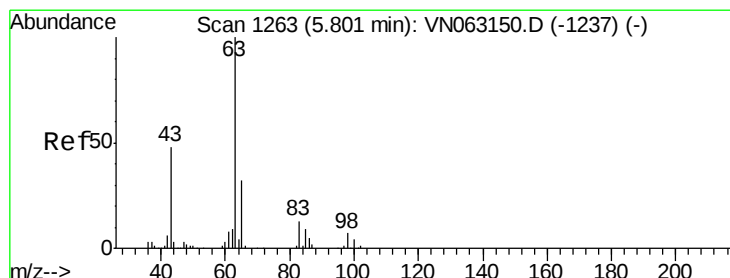
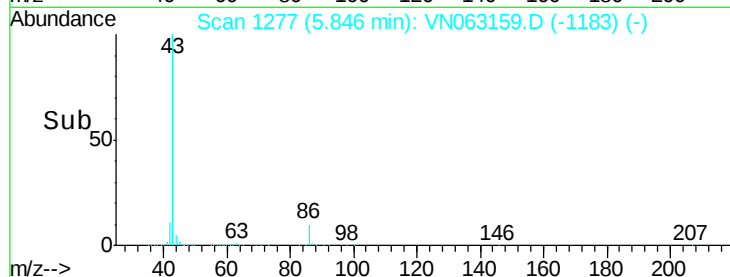
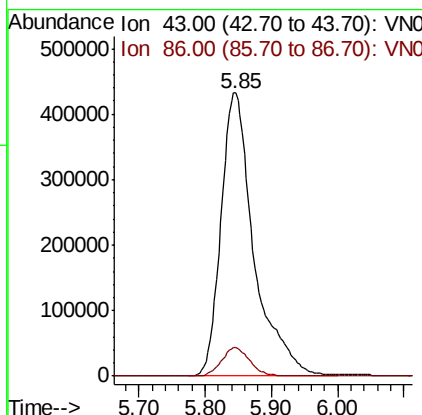
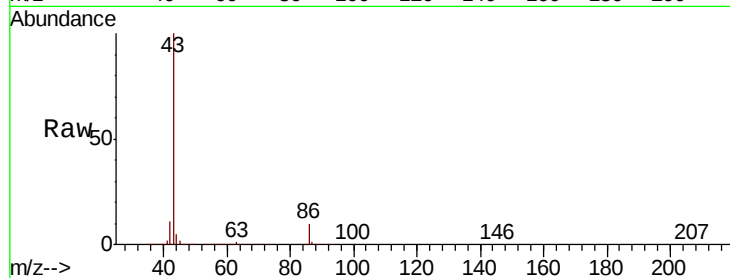




#23
 Vinyl Acetate
 Concen: 97.369 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

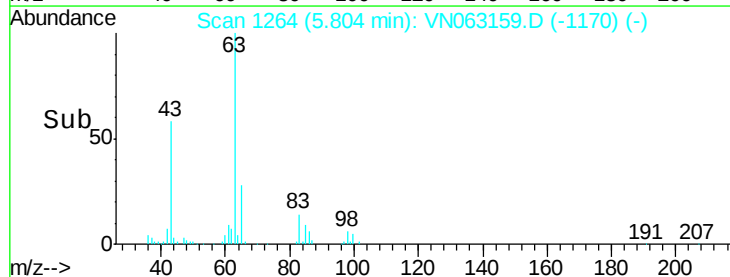
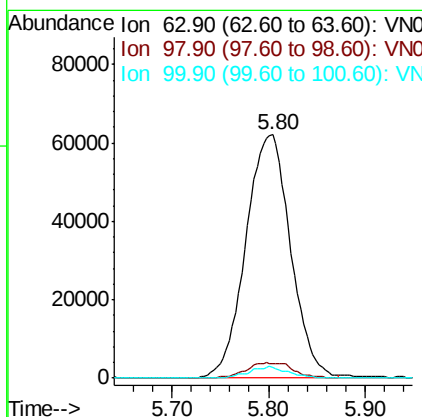
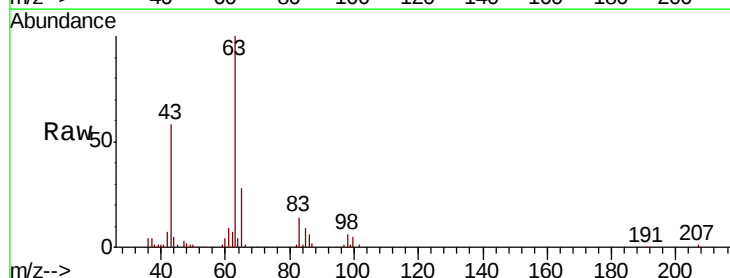
Instrument :
 MSVOA_N
 ClientSampleId :

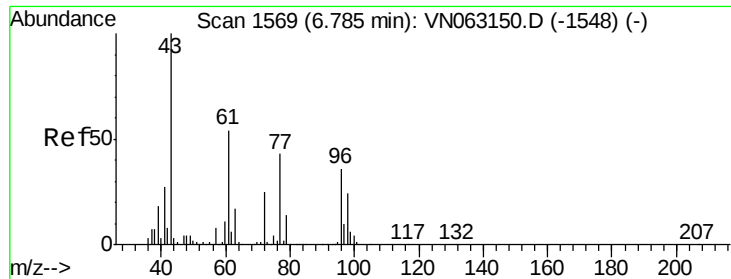
Tot Ion: 43 Resp: 1493657
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 18.833 ug/l
 RT: 5.80 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

Tgt Ion: 63 Resp: 199596
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.4 10.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 104.983 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

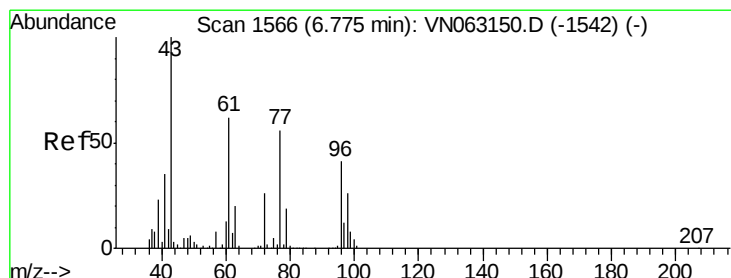
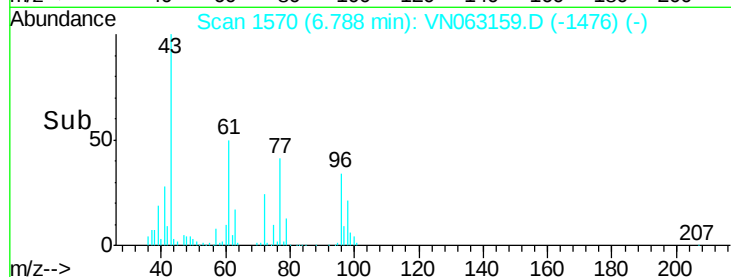
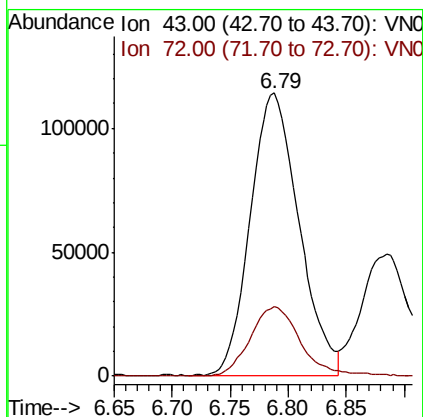
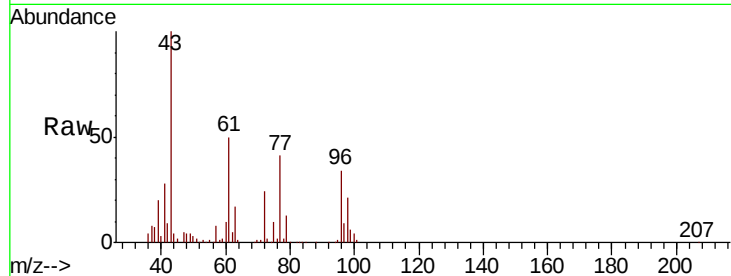
ClientSampled :

Tot Ion: 43 Resp: 332590

Ion Ratio Lower Upper

43 100

72 24.5 20.2 30.4



#26

2,2-Dichloropropane

Concen: 18.366 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063159.D

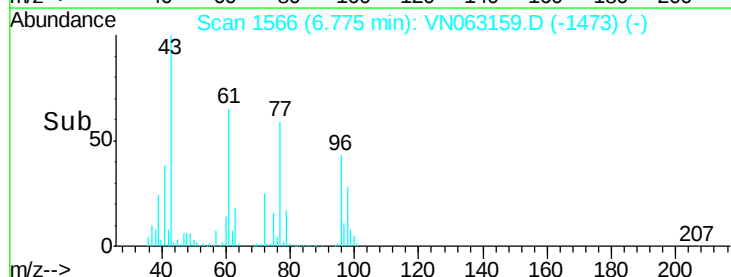
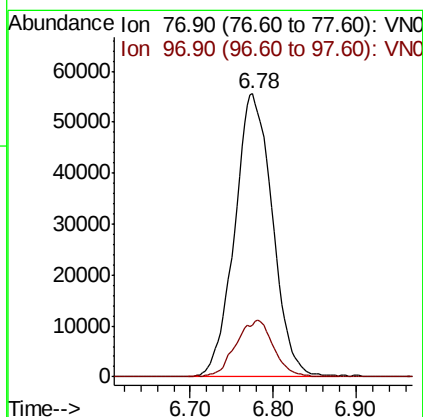
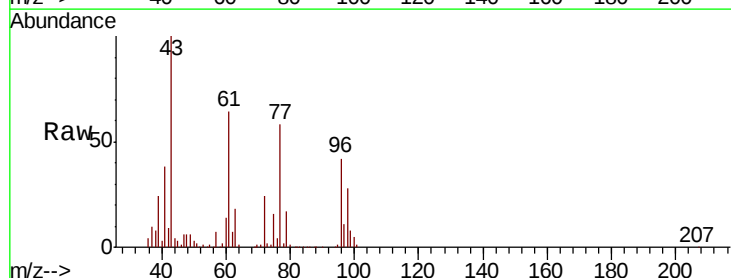
Acq: 1 Sep 2020 16:51

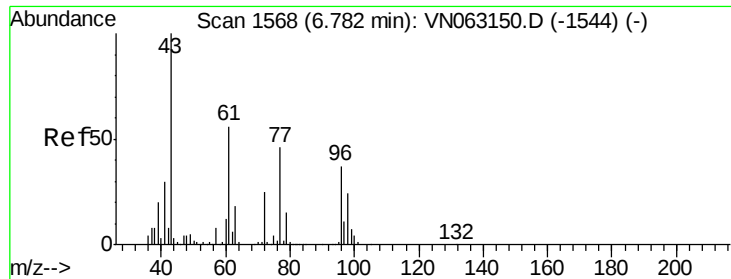
Tgt Ion: 77 Resp: 176365

Ion Ratio Lower Upper

77 100

97 20.1 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 18.456 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :
MSVOA_N
ClientSampled :

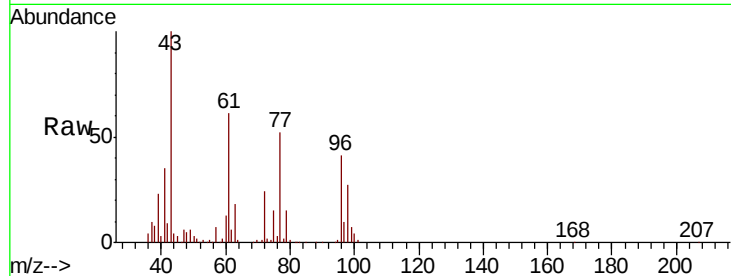
Tot Ion: 96 Resp: 119720

Ion Ratio Lower Upper

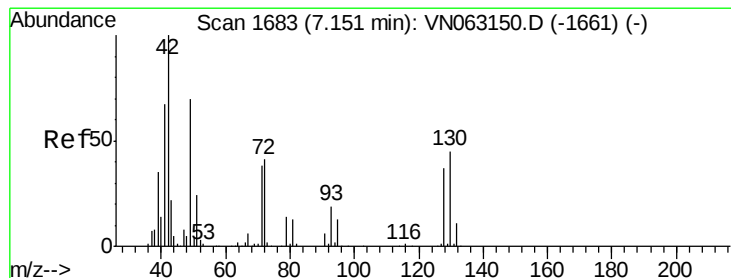
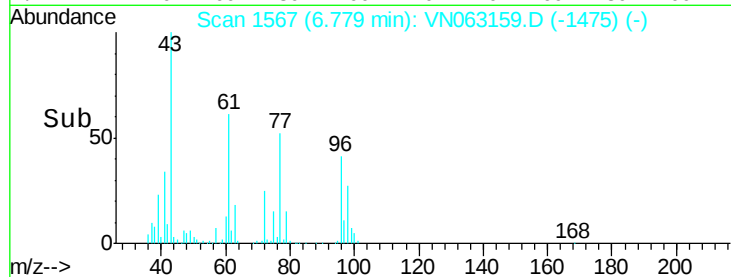
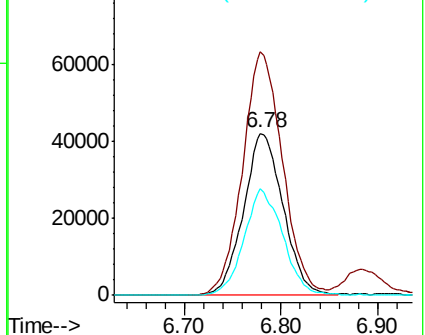
96 100

61 151.7 0.0 303.2

98 64.2 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 16.935 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

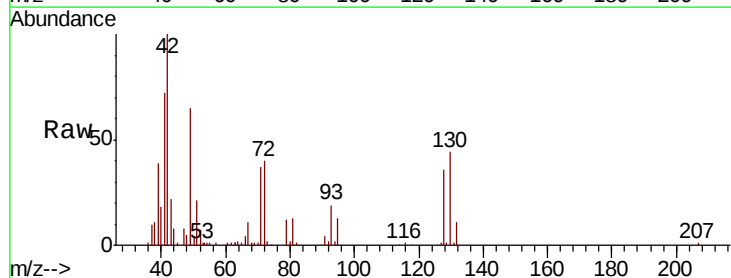
Tgt Ion: 49 Resp: 93770

Ion Ratio Lower Upper

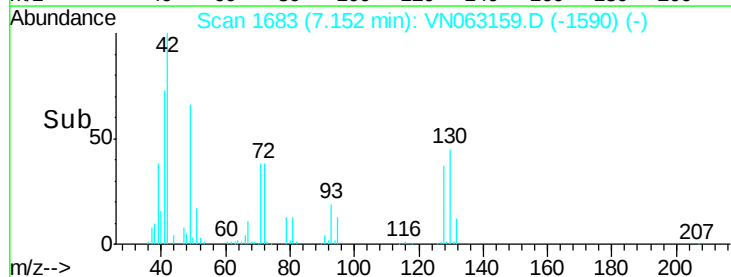
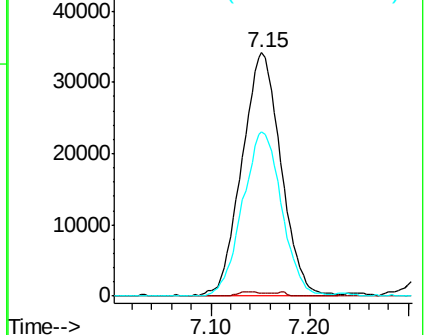
49 100

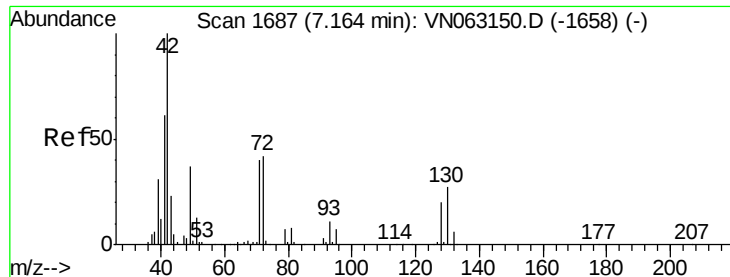
129 1.4 0.0 4.0

130 67.5 54.4 81.6



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

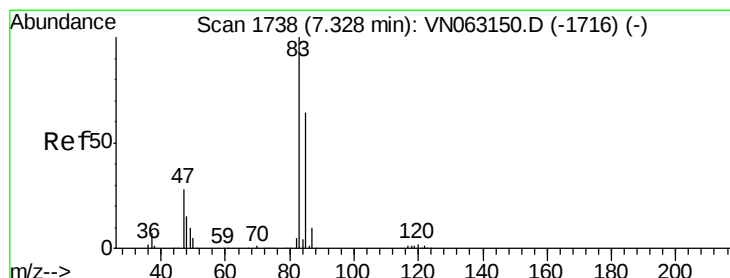
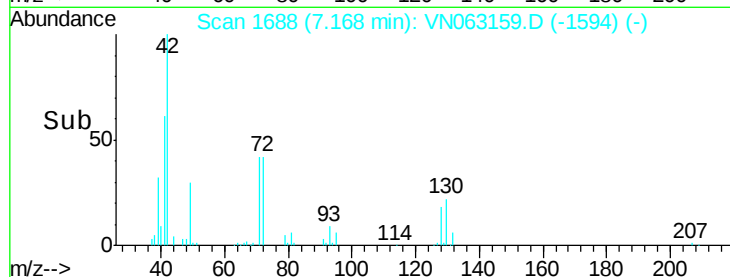
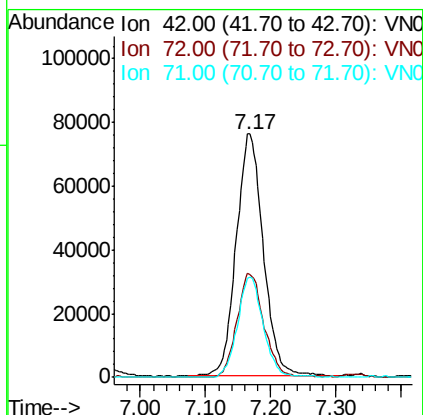
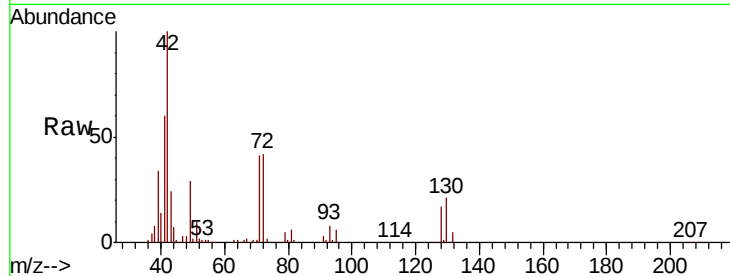




#29
Tetrahydrofuran
Concen: 100.465 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

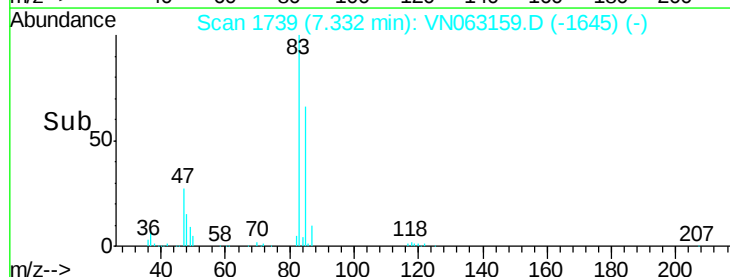
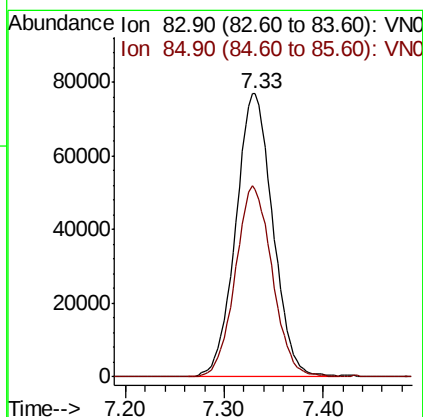
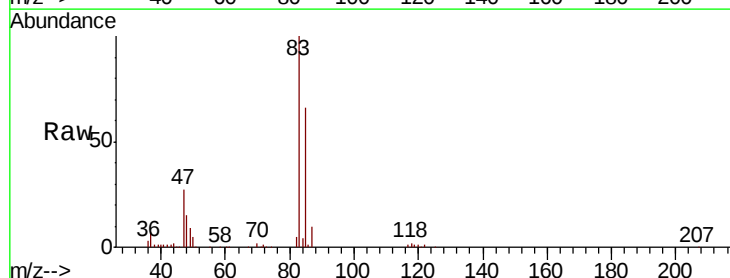
Instrument :
MSVOA_N
ClientSampled :

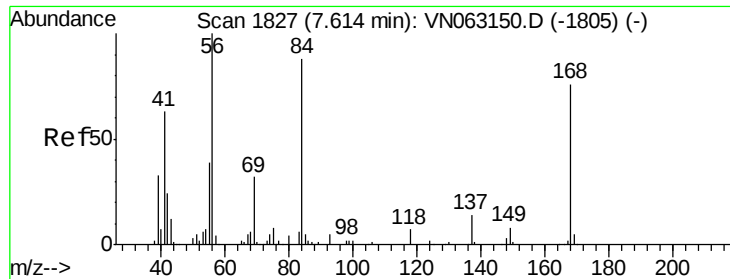
Tot Ion: 42 Resp: 220074
Ion Ratio Lower Upper
42 100
72 42.3 33.9 50.9
71 38.9 31.9 47.9



#30
Chloroform
Concen: 18.067 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

Tgt Ion: 83 Resp: 200332
Ion Ratio Lower Upper
83 100
85 66.0 51.0 76.6

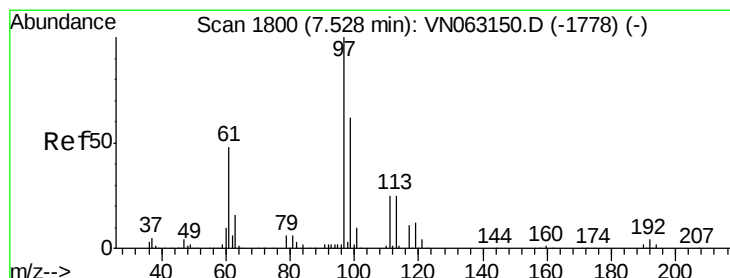
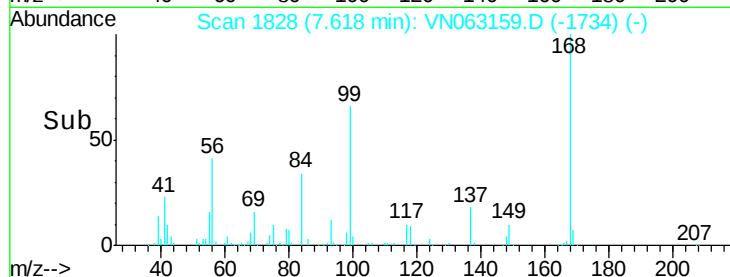
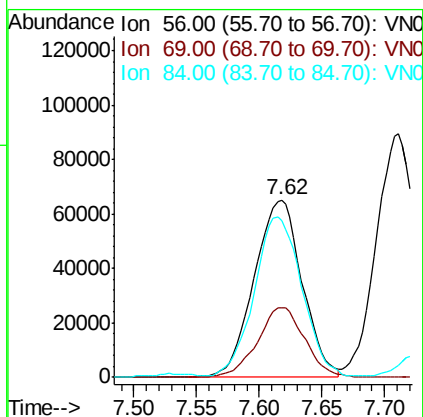
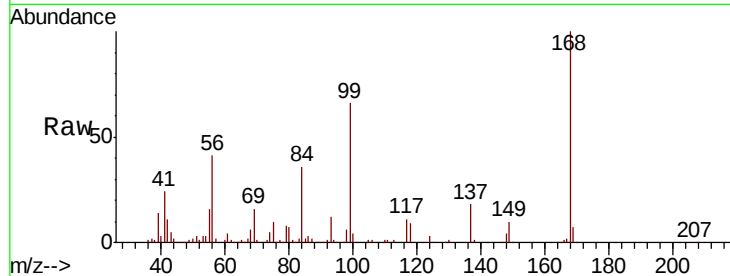




#31
Cyclohexane
Concen: 17.342 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

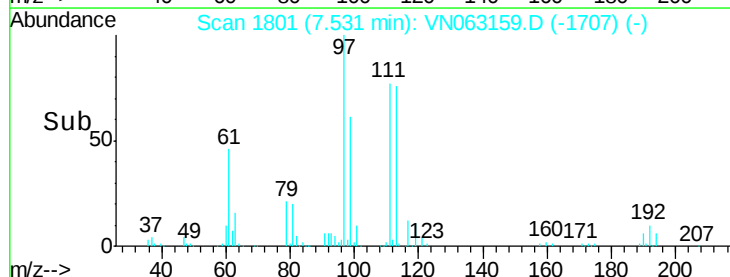
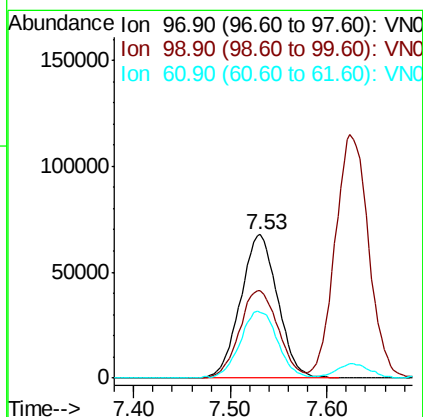
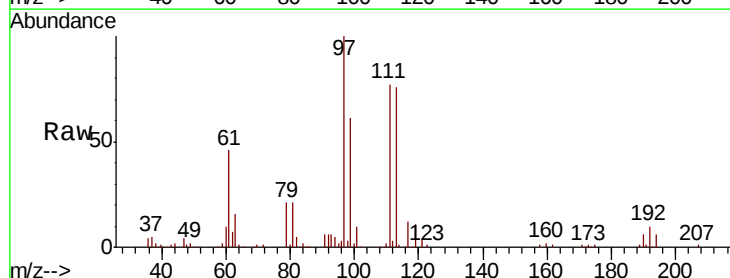
Instrument :
MSVOA_N
ClientSampled :

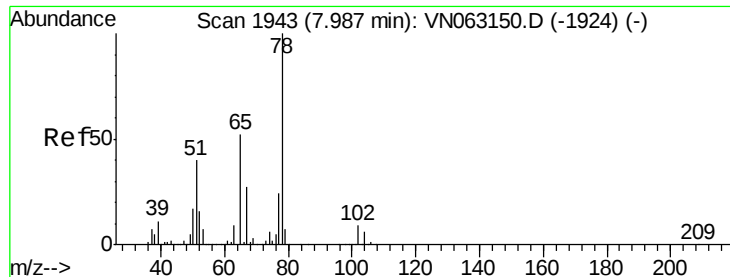
Tot Ion: 56 Resp: 172662
Ion Ratio Lower Upper
56 100
69 39.6 25.4 38.0#
84 86.4 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 18.929 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

Tgt Ion: 97 Resp: 180863
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 47.0 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 47.520 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

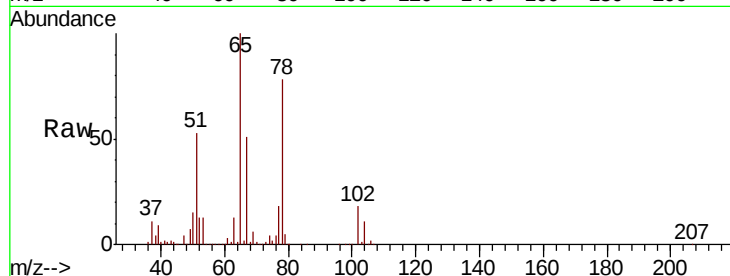
ClientSampleId :

Tot Ion: 65 Resp: 342021

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063159.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063159.D (-1850) (-)

7.99

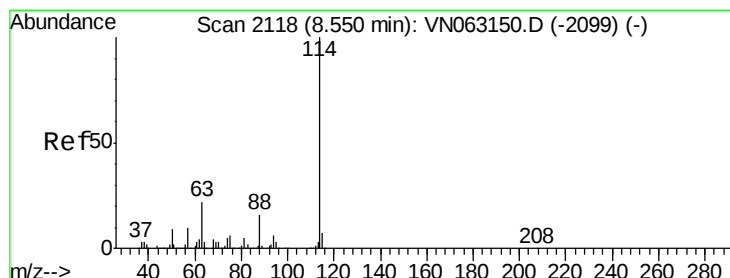
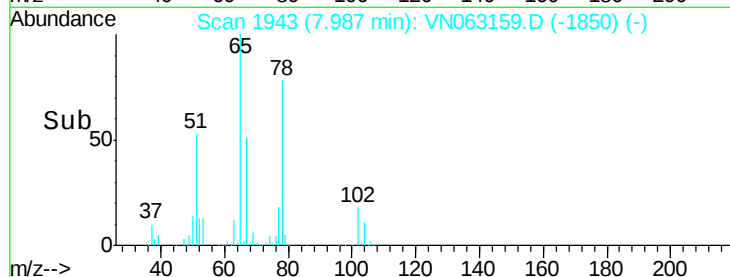
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

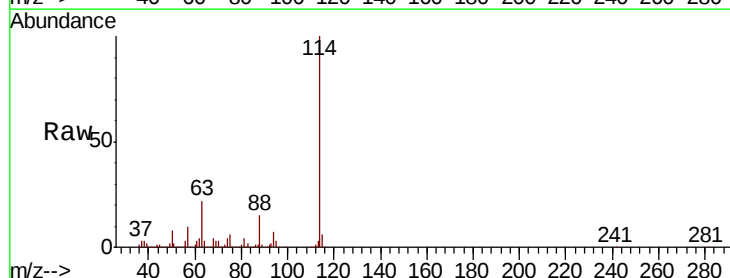
Tgt Ion: 114 Resp: 813437

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.0

88 15.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063159.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063159.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063159.D (-2025) (-)

8.55

500000

400000

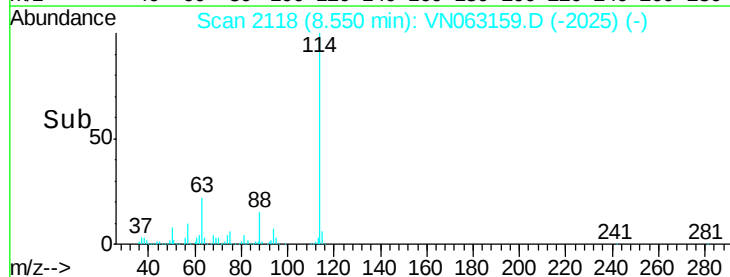
300000

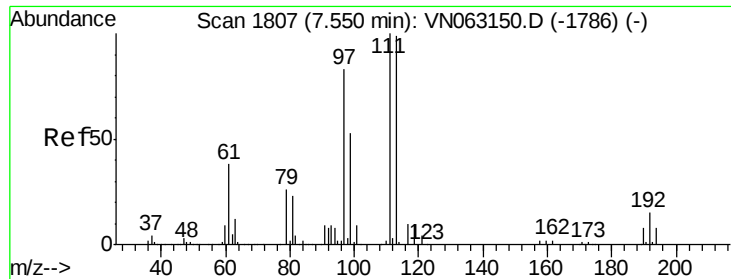
200000

100000

0

Time-->

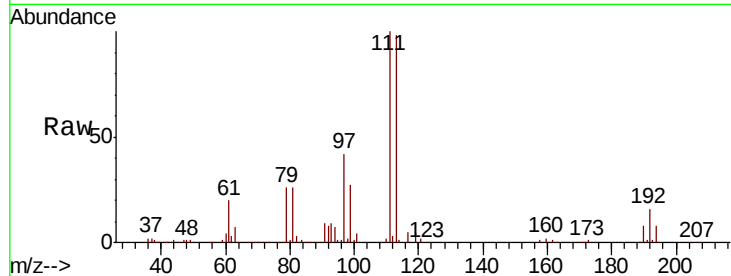




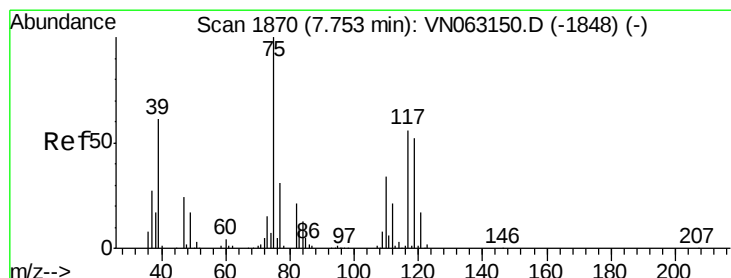
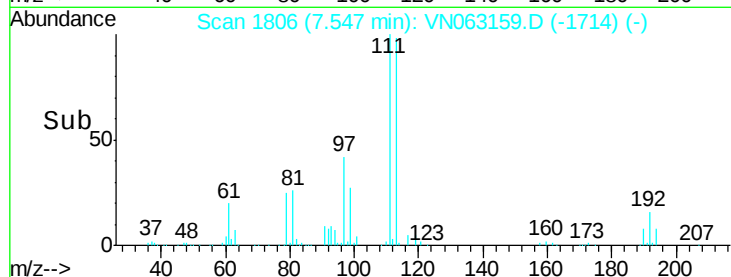
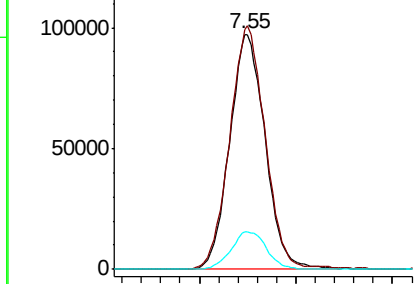
#35
 Dibromofluoromethane
 Concen: 47.488 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.7	121.1
192	16.1	12.6	19.0

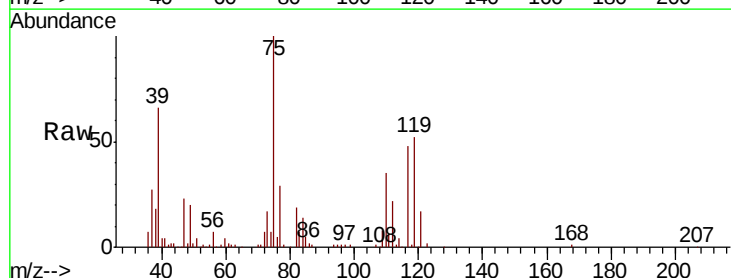


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

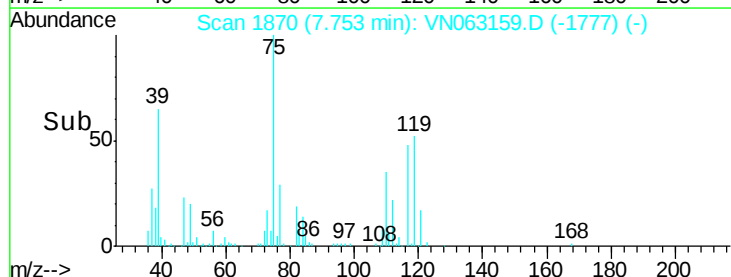
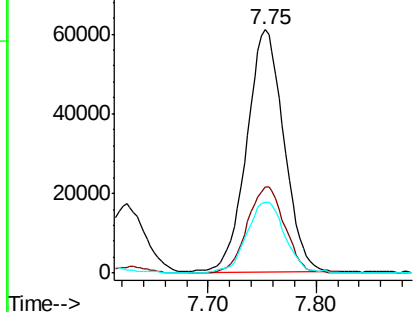


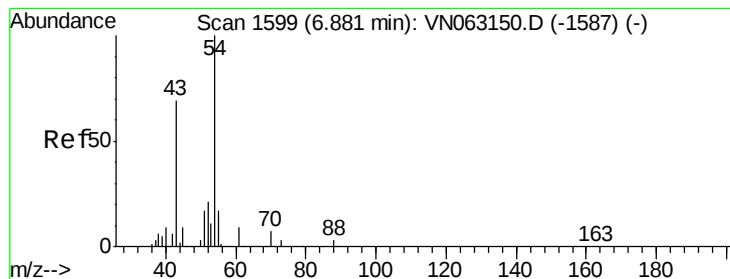
#36
 1,1-Dichloropropene
 Concen: 18.577 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.7	16.6	49.8
77	29.1	25.4	38.2



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





#37

Ethyl Acetate

Concen: 20.425 ug/l

RT: 6.88 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

ClientSampled :

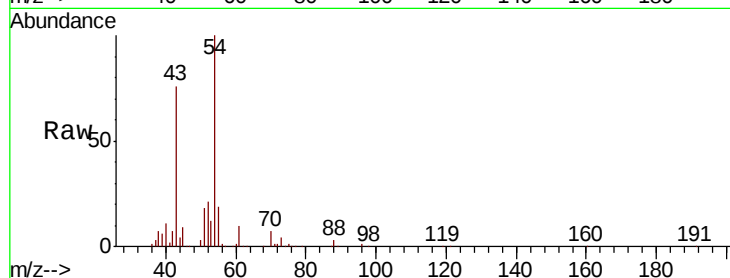
Tot Ion: 43 Resp: 149150

Ion Ratio Lower Upper

43 100

61 12.4 10.2 15.4

70 8.1 3.0 4.6#

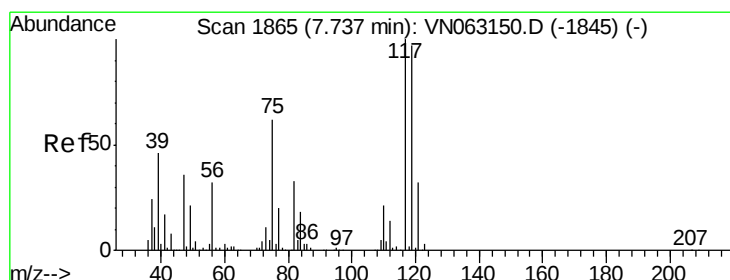
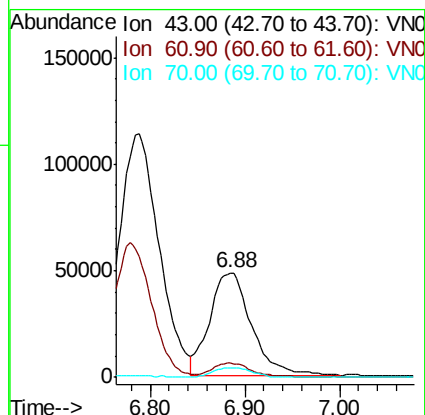
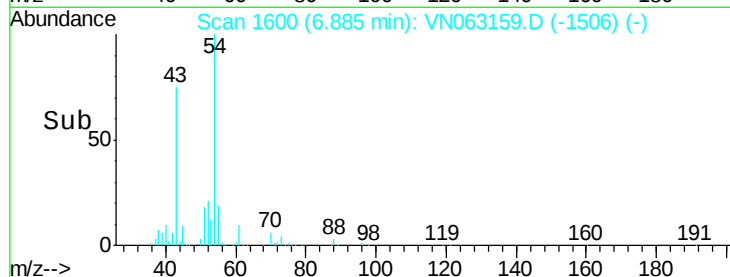


Abundance Ion 43.00 (42.70 to 43.70): VN063159.D (-1596) (-)

Ion 60.90 (60.60 to 61.60): VN063159.D (-1596) (-)

Ion 70.00 (69.70 to 70.70): VN063159.D (-1596) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 18.506 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

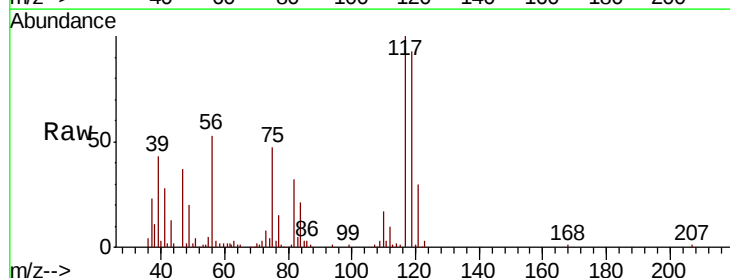
Tgt Ion: 117 Resp: 146760

Ion Ratio Lower Upper

117 100

119 92.7 77.2 115.8

121 30.0 25.6 38.4

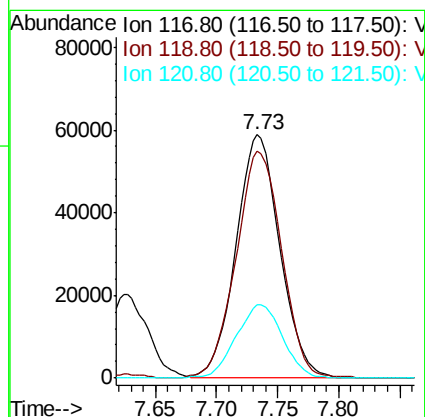
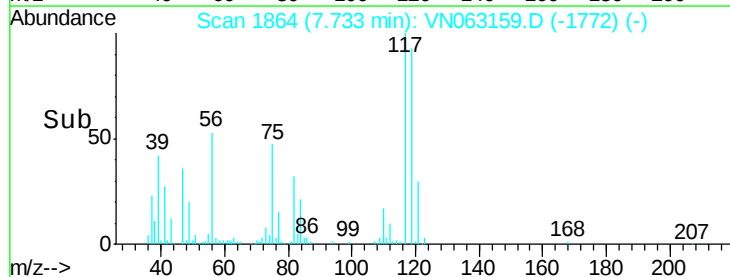


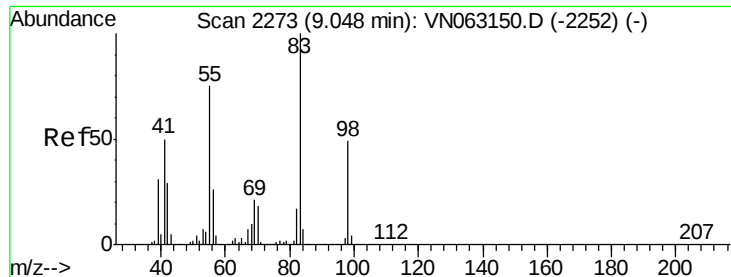
Abundance Ion 116.80 (116.50 to 117.50): VN063159.D (-1772) (-)

Ion 118.80 (118.50 to 119.50): VN063159.D (-1772) (-)

Ion 120.80 (120.50 to 121.50): VN063159.D (-1772) (-)

Time-->

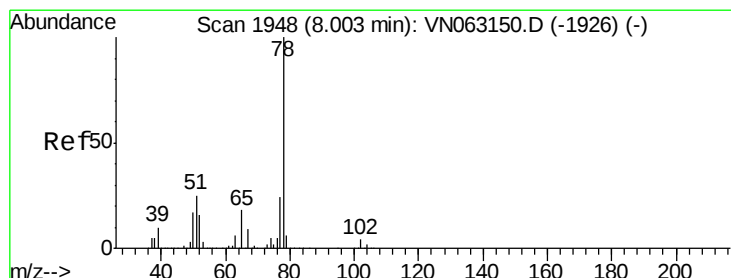
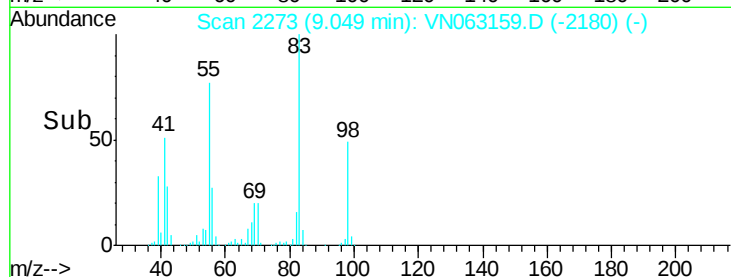
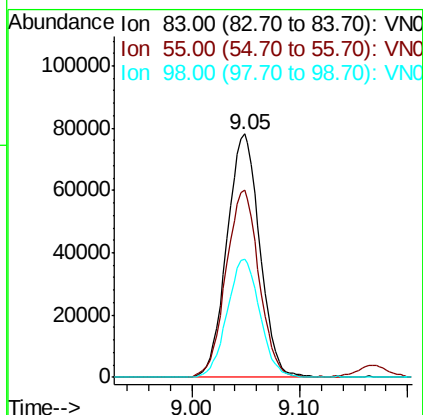
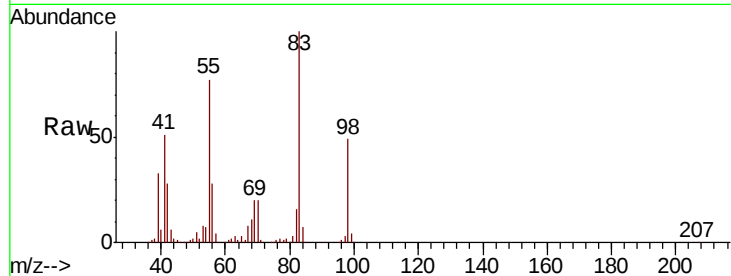




#39
Methvlcvclohexane
Concen: 18.877 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

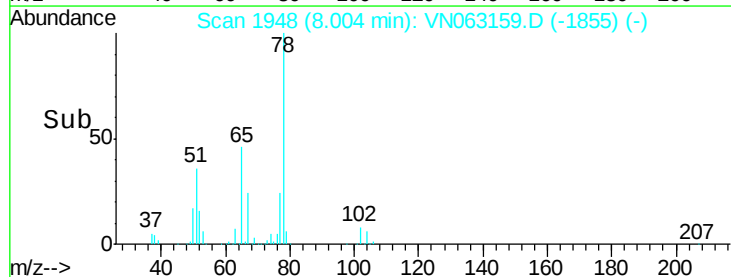
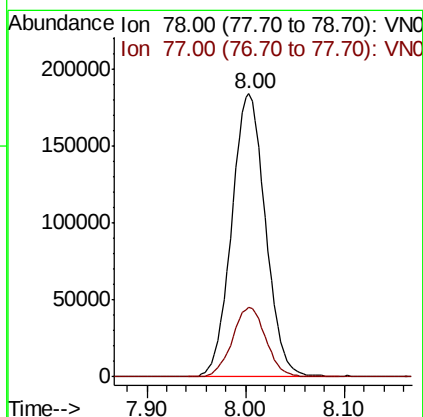
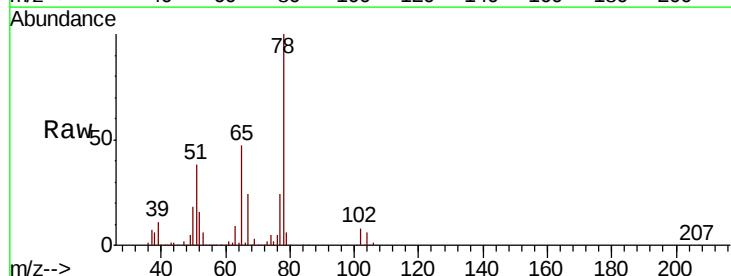
Instrument :
MSVOA_N
ClientSampled :

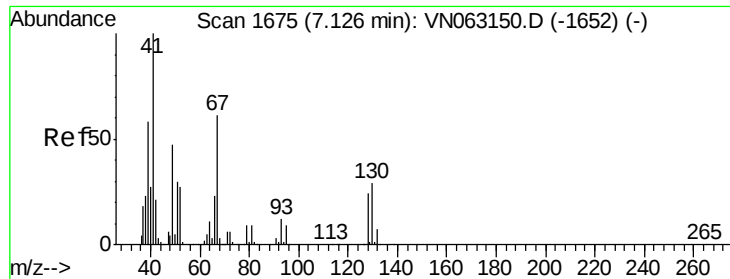
Tot Ion: 83 Resp: 165841
Ion Ratio Lower Upper
83 100
55 76.5 60.3 90.5
98 48.8 38.9 58.3



#40
Benzene
Concen: 19.040 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

Tgt Ion: 78 Resp: 437533
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

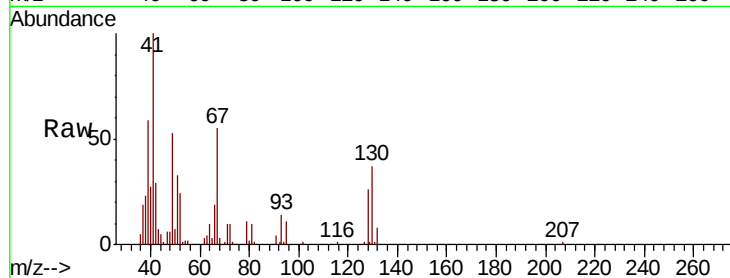




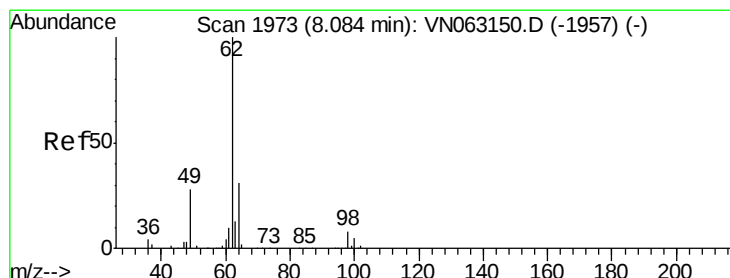
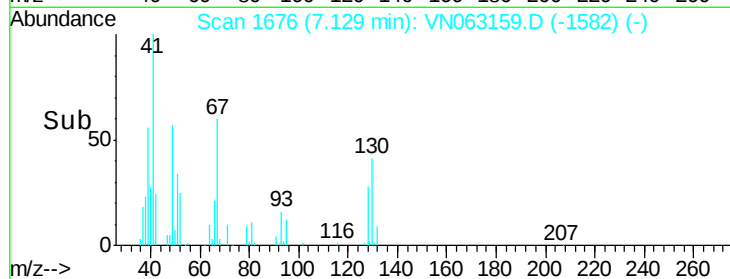
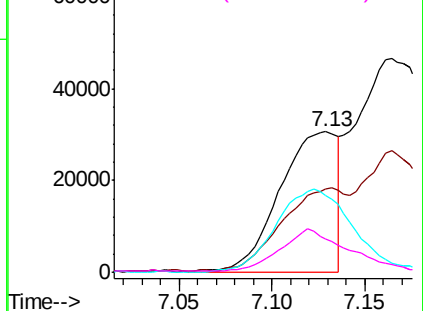
#41
Methacrylonitrile
Concen: 20.235 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	66662
Ion	Ratio	Lower	Upper
41	100		
39	66.2	46.6	70.0
67	80.1	62.6	94.0
52	36.0	28.0	42.0

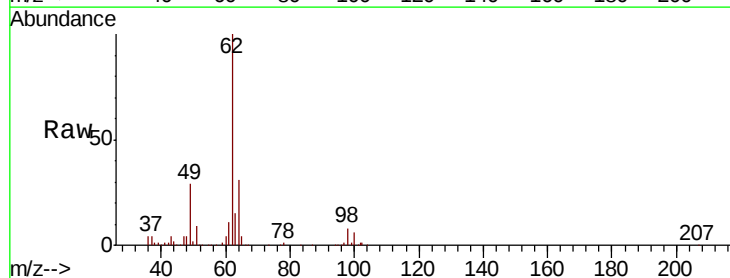


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

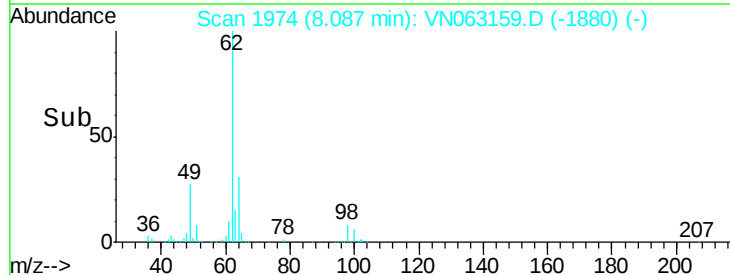
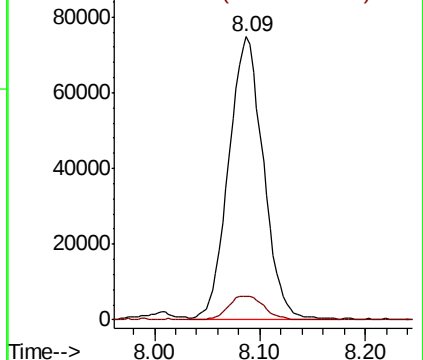


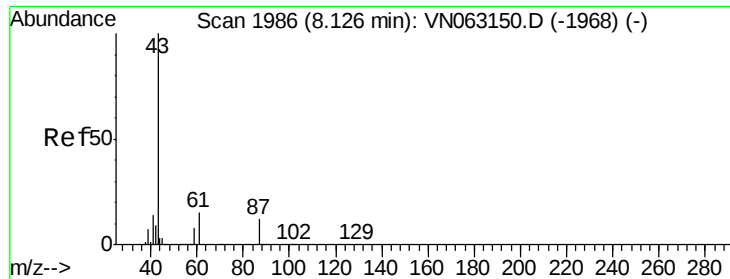
#42
1,2-Dichloroethane
Concen: 19.788 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

Tgt Ion:	62	Resp:	169863
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



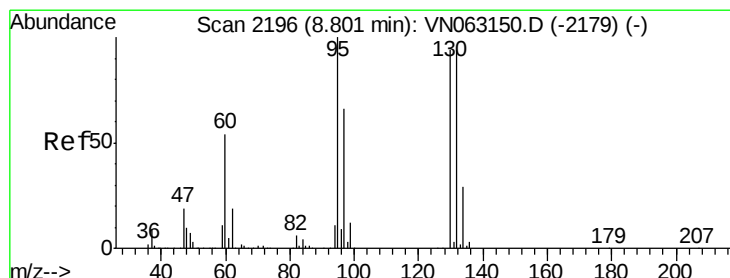
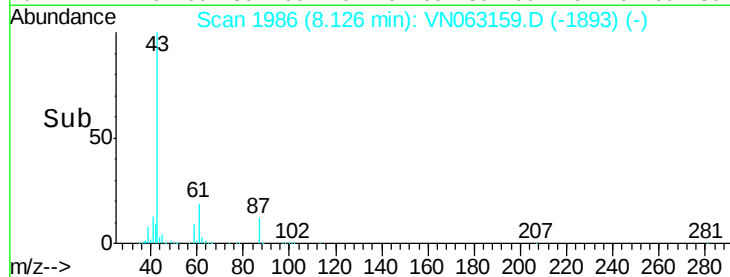
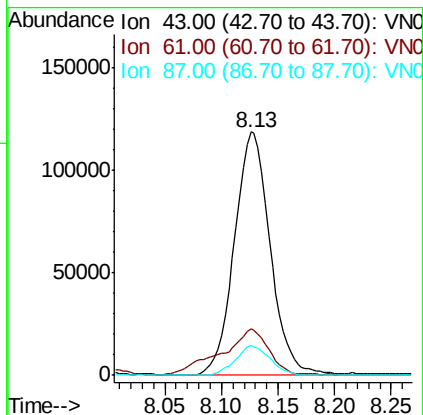
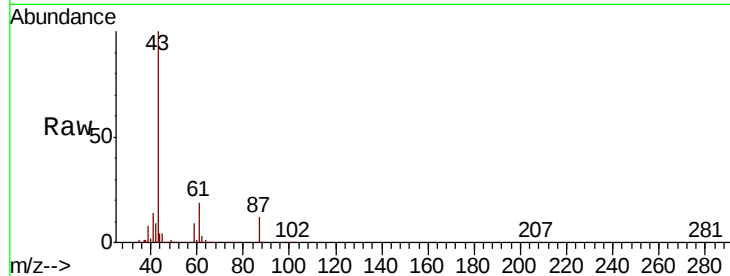


#43

Isopropyl Acetate
 Concen: 20.450 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

Instrument :
 MSVOA_N
 ClientSampleId :

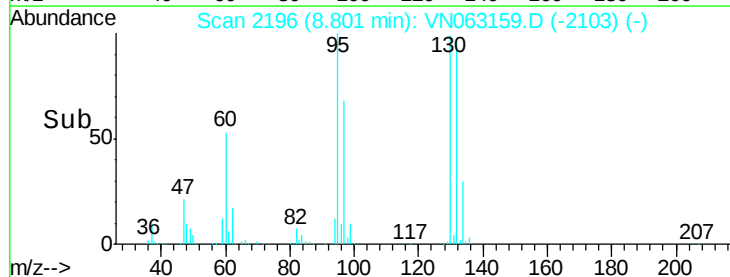
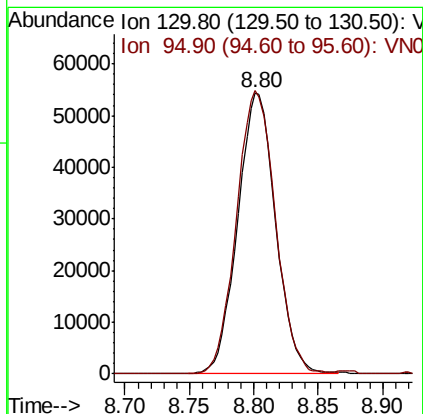
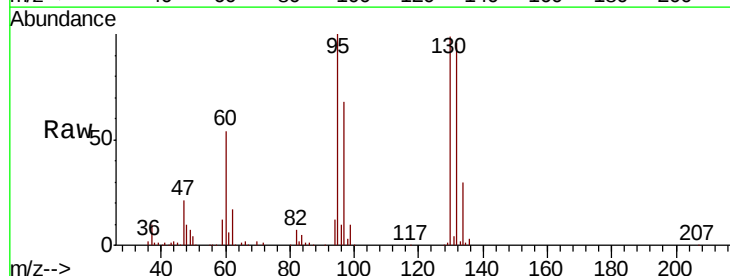
Tot Ion: 43 Resp: 260799
 Ion Ratio Lower Upper
 43 100
 61 25.0 20.2 30.4
 87 12.0 9.8 14.6

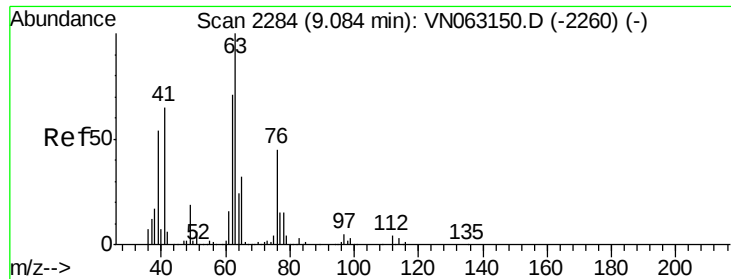


#44

Trichloroethene
 Concen: 20.004 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

Tgt Ion: 130 Resp: 111499
 Ion Ratio Lower Upper
 130 100
 95 100.6 0.0 212.0

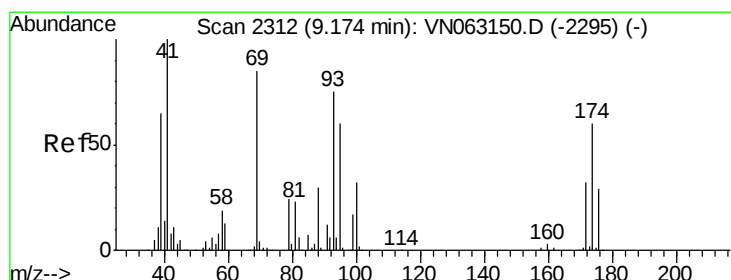
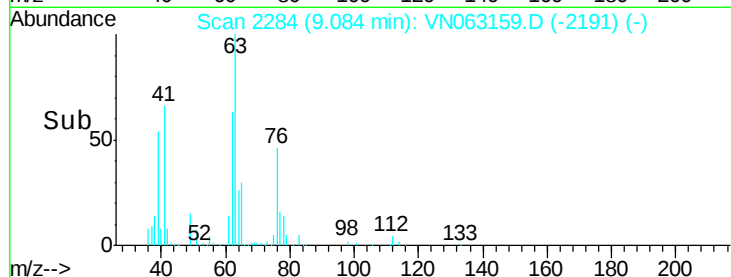
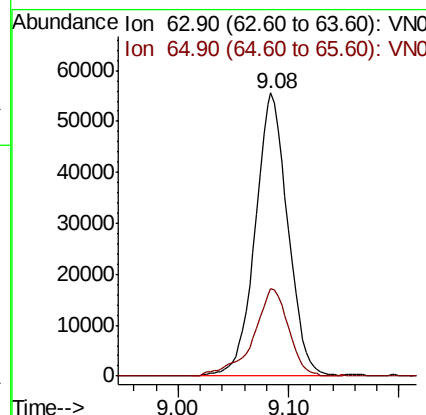
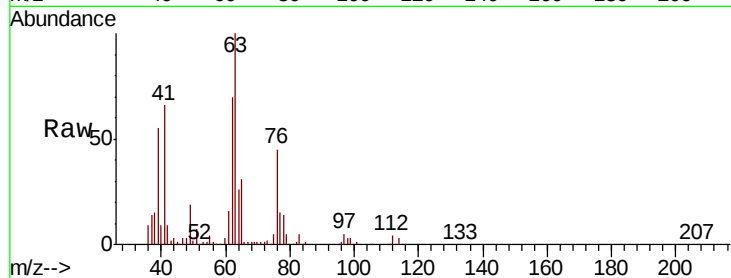




#45
 1,2-Dichloropropane
 Concen: 18.681 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

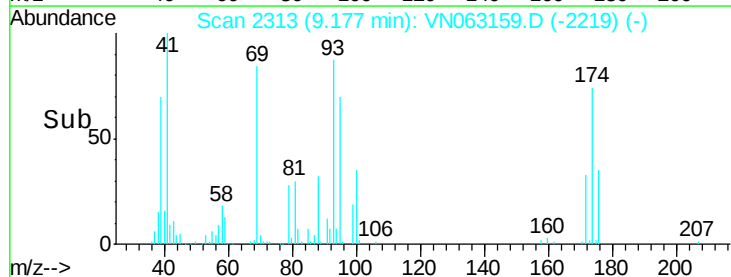
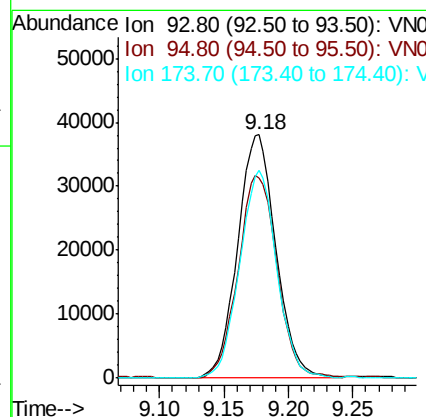
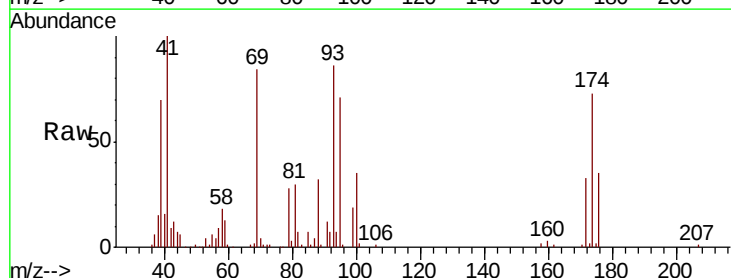
Instrument :
 MSVOA_N
 ClientSampled :

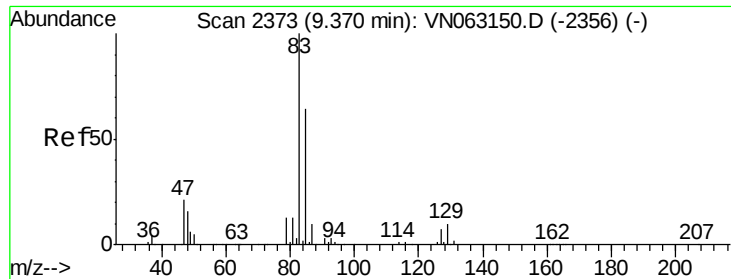
Tot Ion: 63 Resp: 113659
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.4 38.0



#46
 Dibromomethane
 Concen: 19.534 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

Tgt Ion: 93 Resp: 78763
 Ion Ratio Lower Upper
 93 100
 95 84.7 65.2 97.8
 174 82.8 64.6 97.0





#47

Bromodichloromethane

Concen: 19.148 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

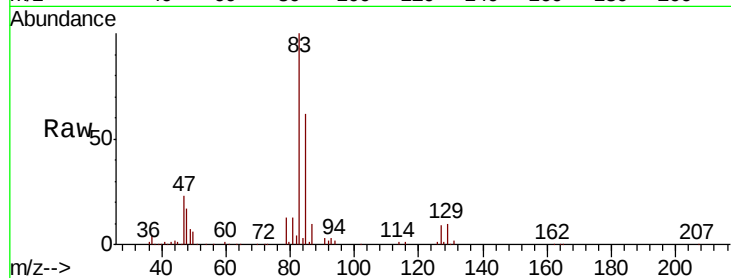
Tot Ion: 83 Resp: 165492

Ion Ratio Lower Upper

83 100

85 61.8 51.0 76.6

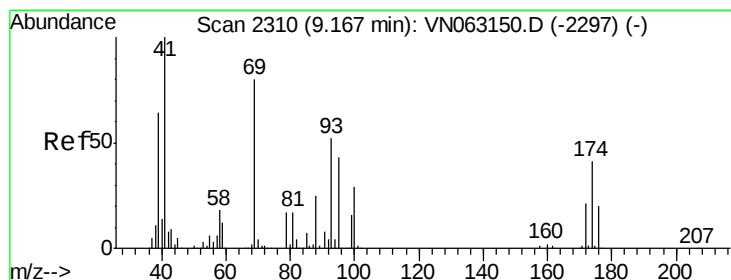
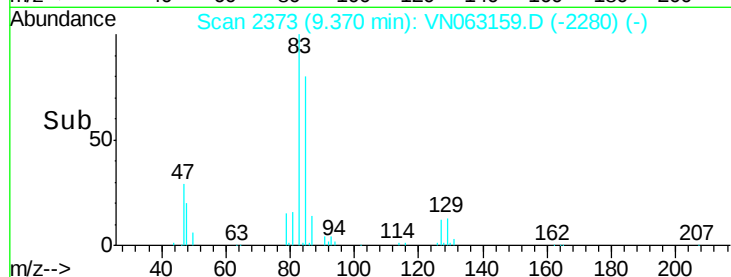
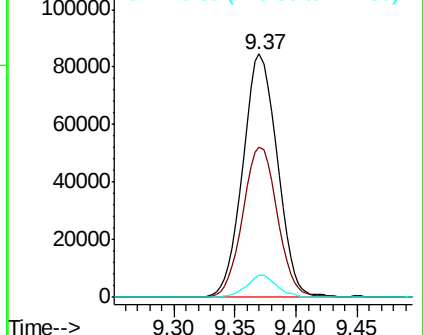
127 9.1 5.7 8.5#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.949 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

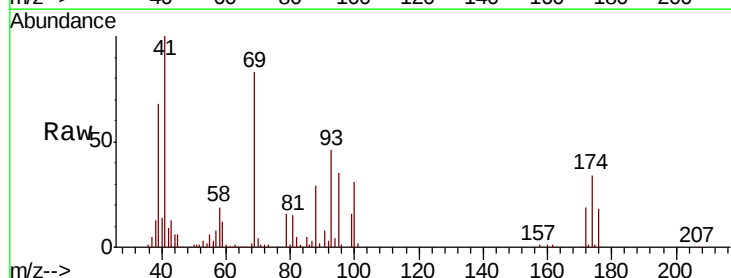
Tgt Ion: 41 Resp: 114690

Ion Ratio Lower Upper

41 100

69 84.5 65.9 98.9

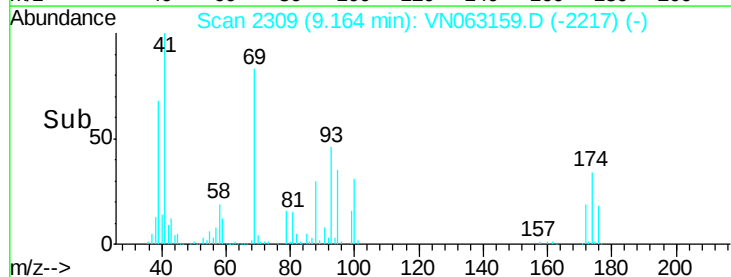
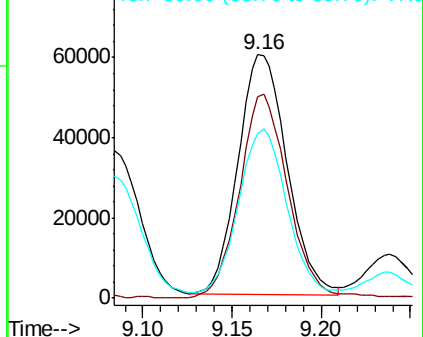
39 66.5 52.0 78.0

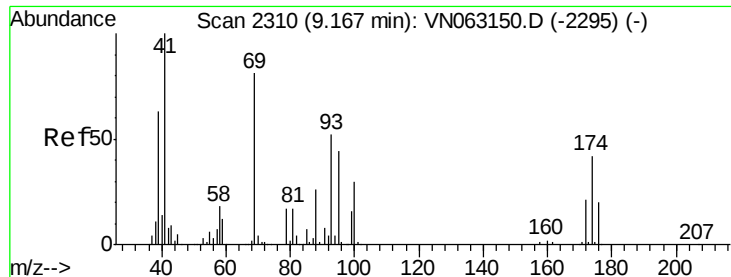


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

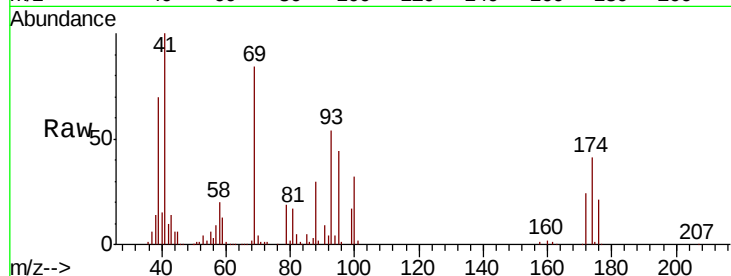




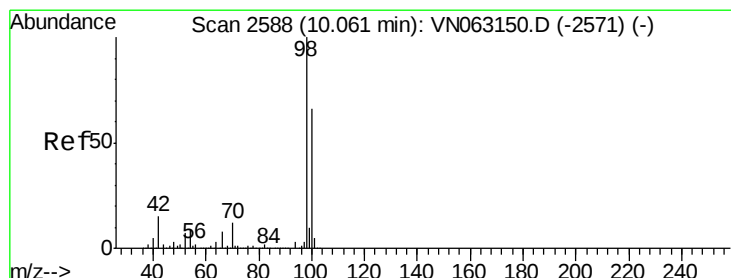
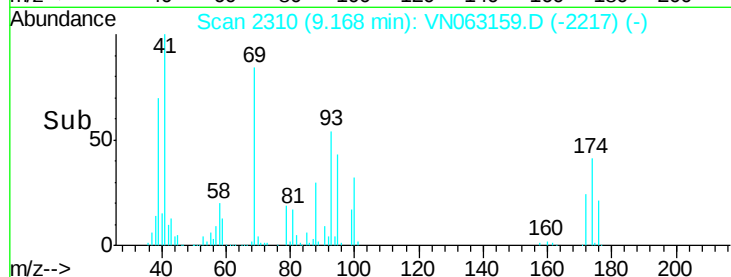
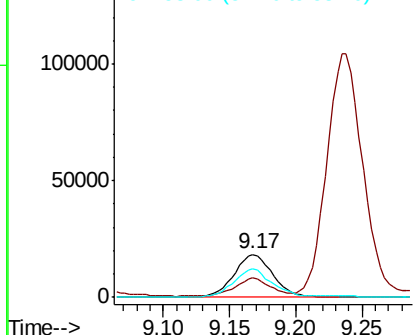
#49
 1,4-Dioxane
 Concen: 418.937 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 37253
 Ion Ratio Lower Upper
 88 100
 43 39.4 28.6 42.8
 58 67.0 53.2 79.8

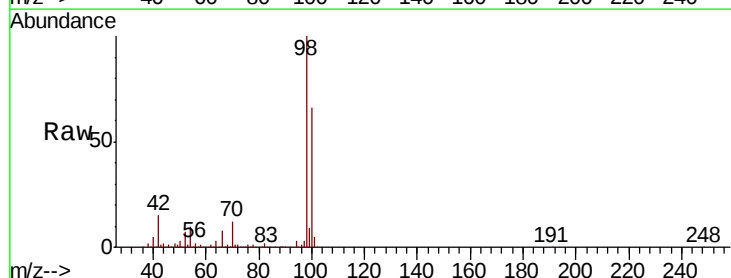


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

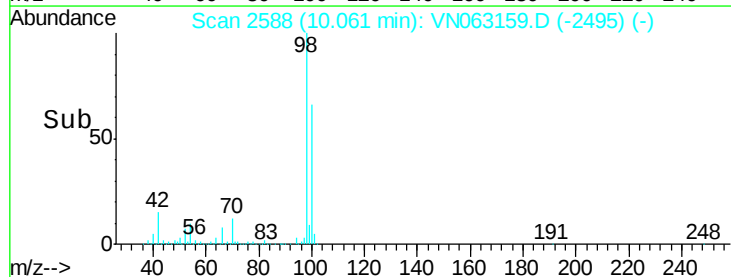
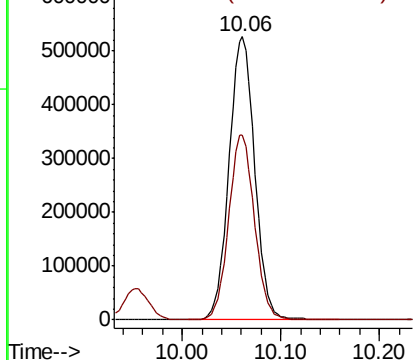


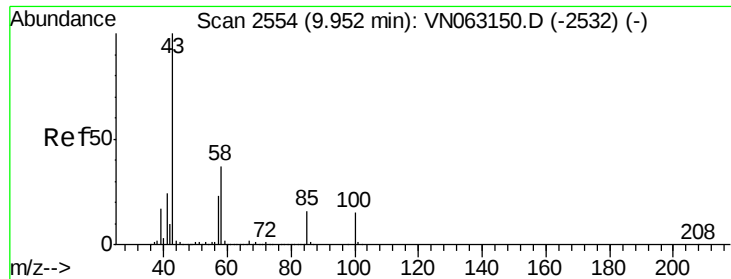
#50
 Toluene-d8
 Concen: 47.484 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

Tgt Ion: 98 Resp: 953791
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.0 78.0



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

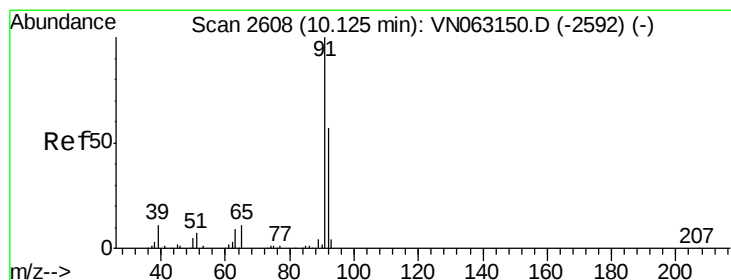
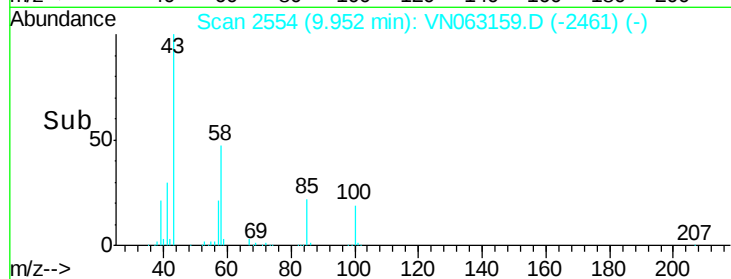
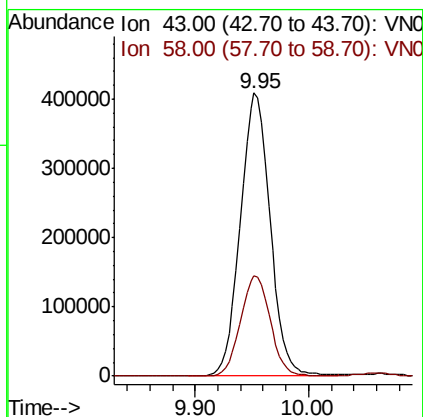
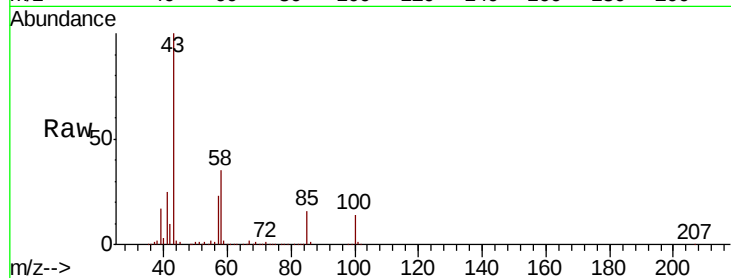




#51
4-Methyl-2-Pentanone
Concen: 107.784 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

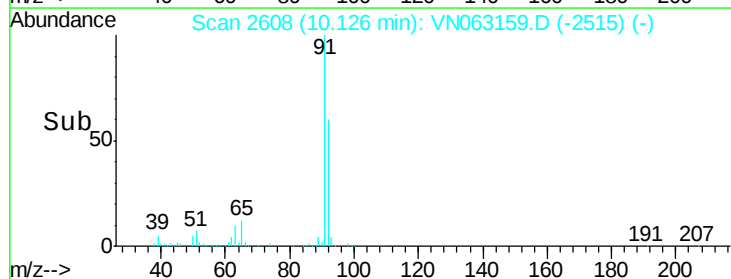
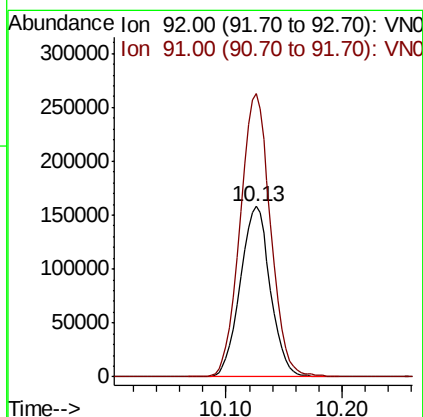
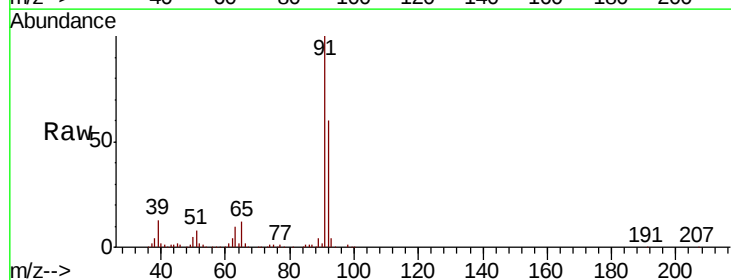
Instrument :
MSVOA_N
ClientSampled :

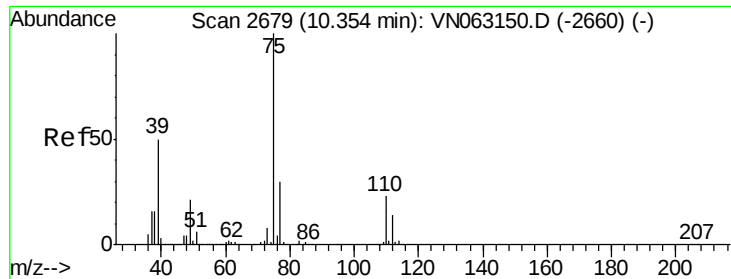
Tot Ion: 43 Resp: 746964
Ion Ratio Lower Upper
43 100
58 35.6 29.2 43.8



#52
Toluene
Concen: 19.895 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

Tgt Ion: 92 Resp: 284800
Ion Ratio Lower Upper
92 100
91 168.0 141.2 211.8





#53

t-1,3-Dichloropropene

Concen: 18.213 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

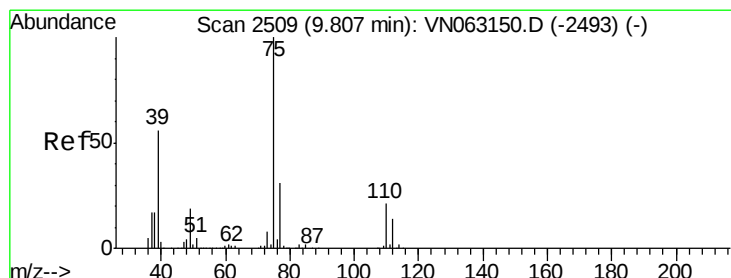
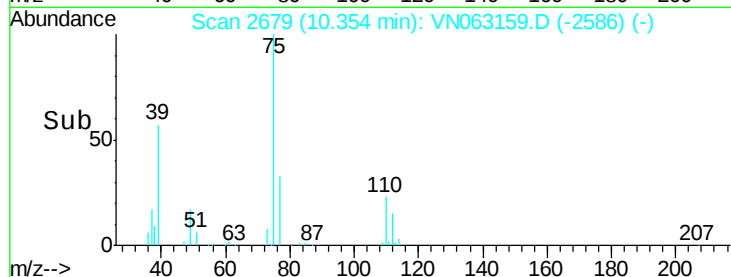
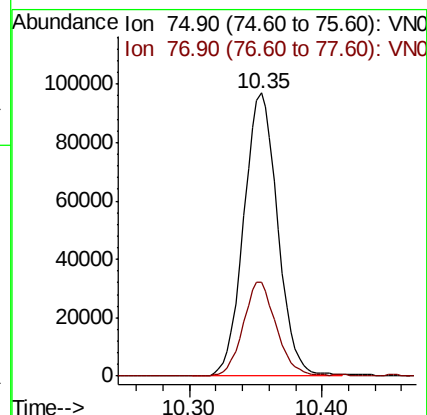
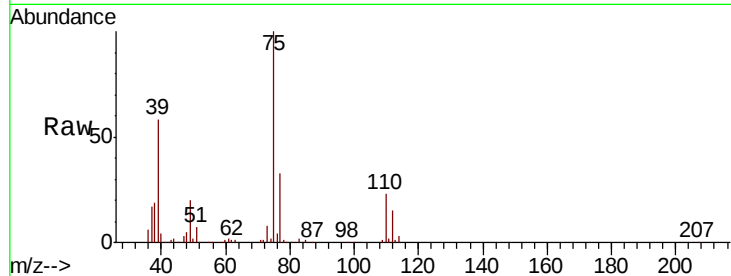
ClientSampleId :

Tot Ion: 75 Resp: 172182

Ion Ratio Lower Upper

75 100

77 33.1 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 18.577 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

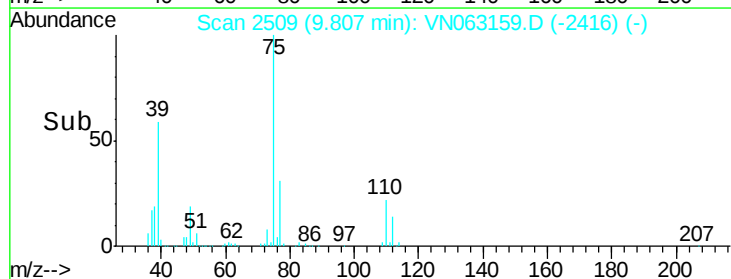
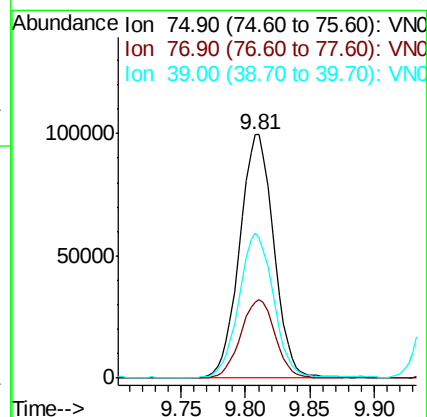
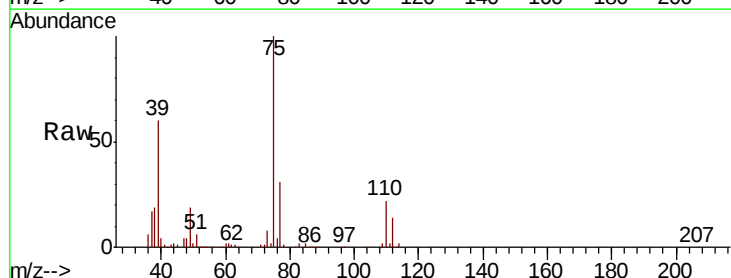
Tgt Ion: 75 Resp: 184347

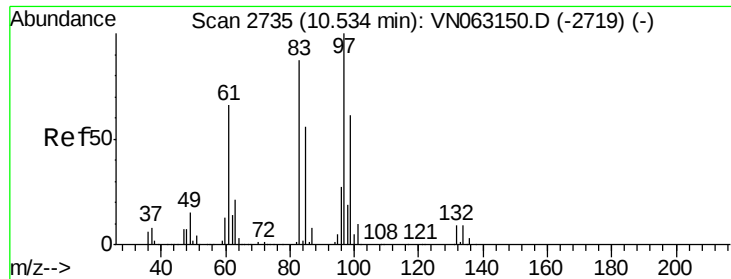
Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 59.4 45.0 67.6

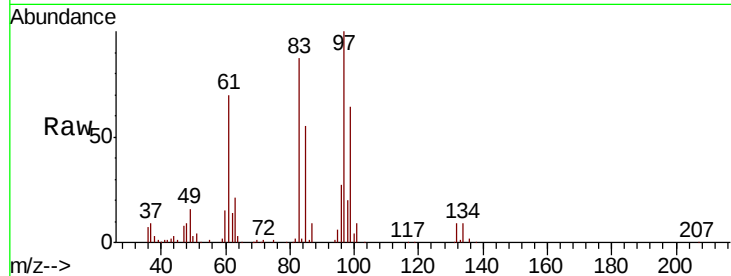




#55
 1,1,2-Trichloroethane
 Concen: 19.770 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	97	Resp	108385
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.8	104.8
85	55.4	44.9	67.3
99	64.2	48.8	73.2

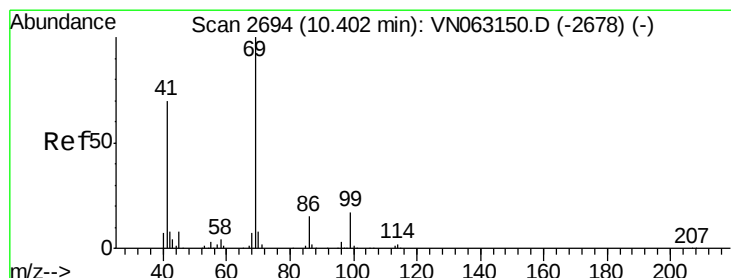
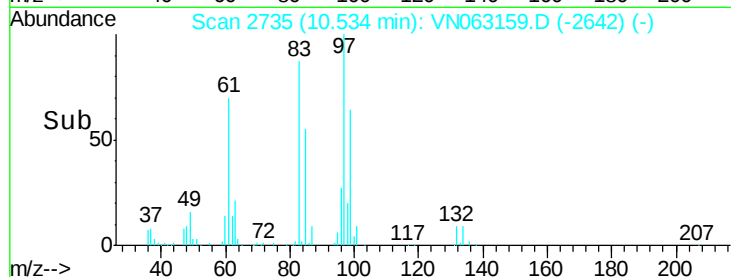
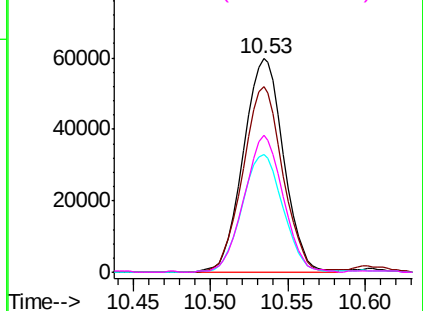


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

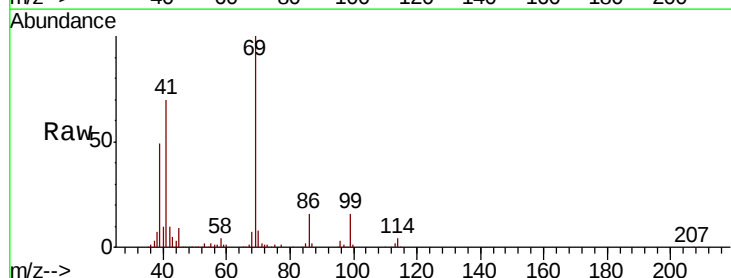
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 19.457 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

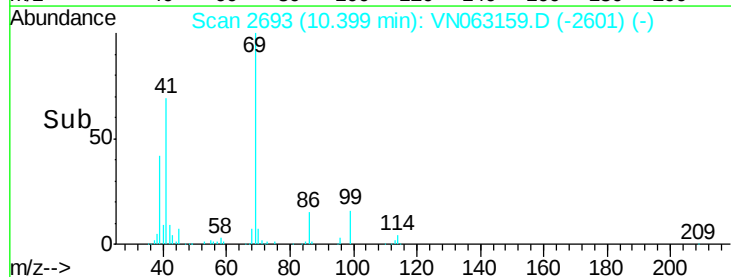
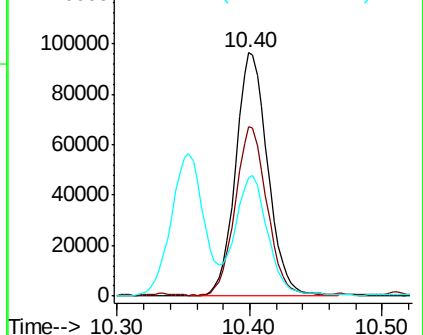
Tgt Ion	69	Resp	162333
Ion	Ratio	Lower	Upper
69	100		
41	68.1	55.5	83.3
39	50.0	38.2	57.2

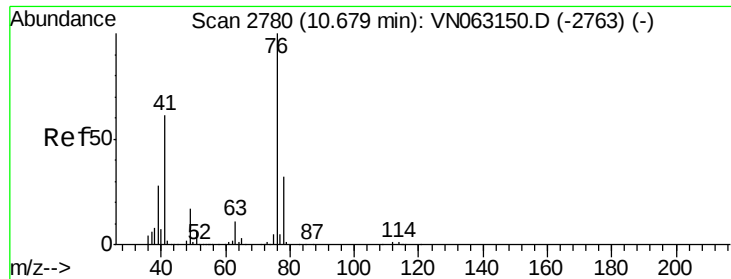


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

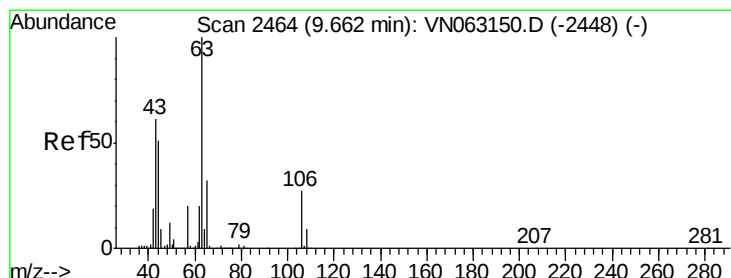
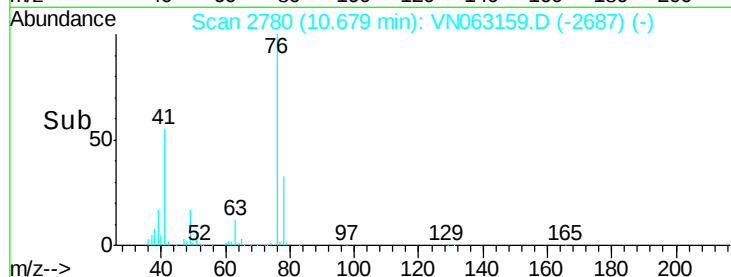
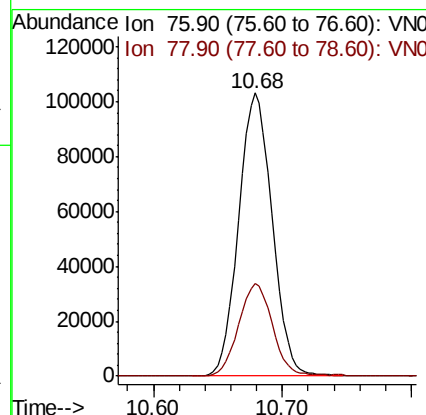
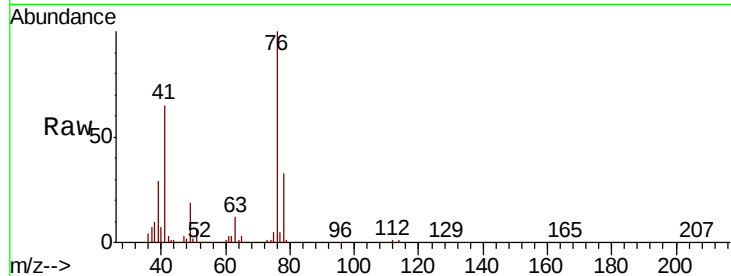




#57
 1,3-Dichloropropane
 Concen: 19.085 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

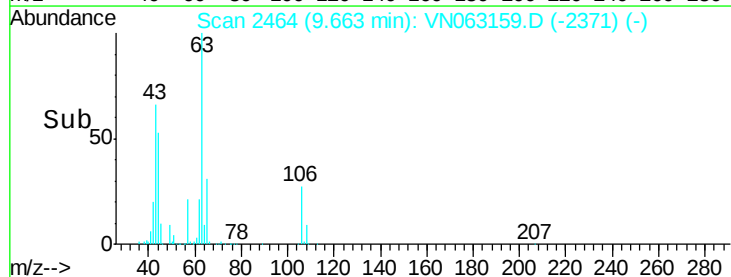
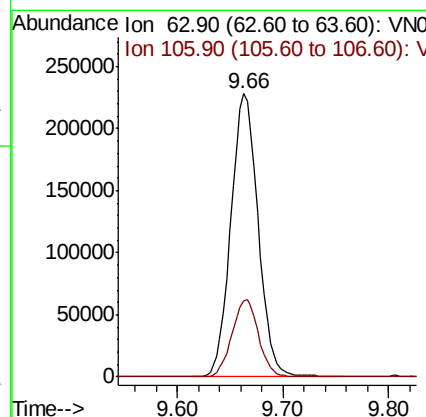
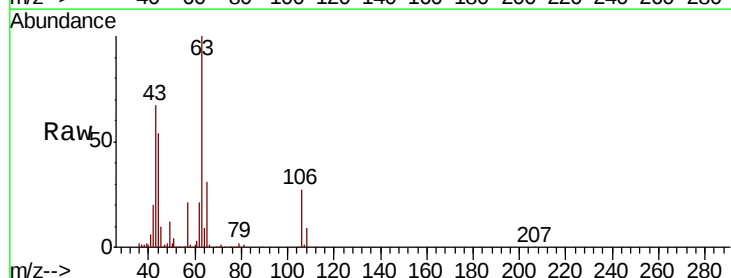
Instrument :
 MSVOA_N
 ClientSampled :

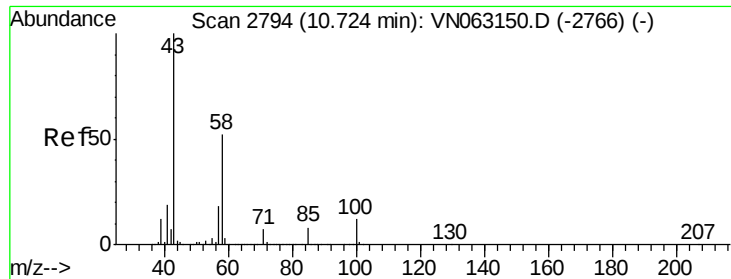
Tot Ion: 76 Resp: 186394
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.369 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

Tgt Ion: 63 Resp: 407709
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.8 32.6

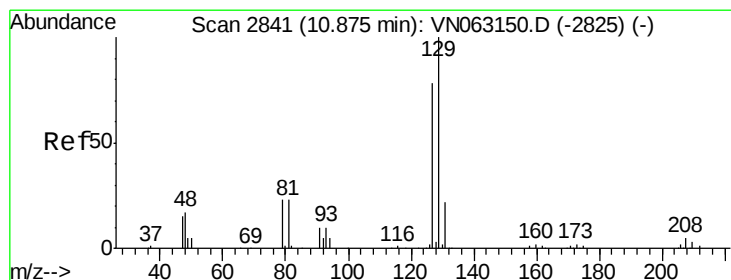
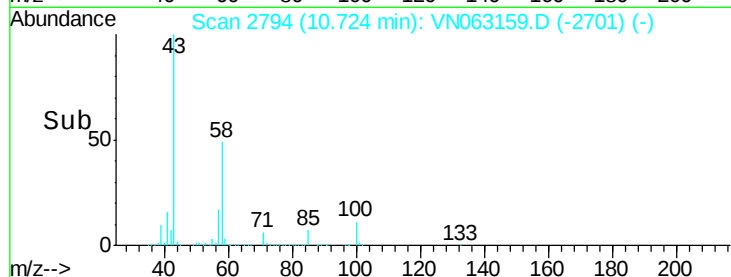
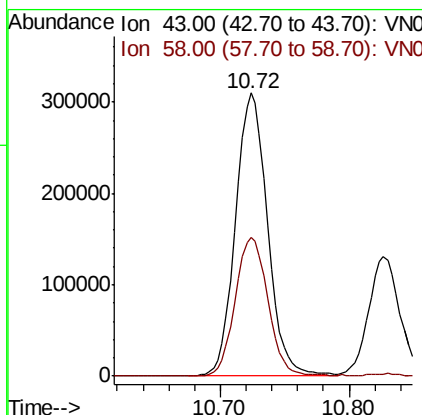
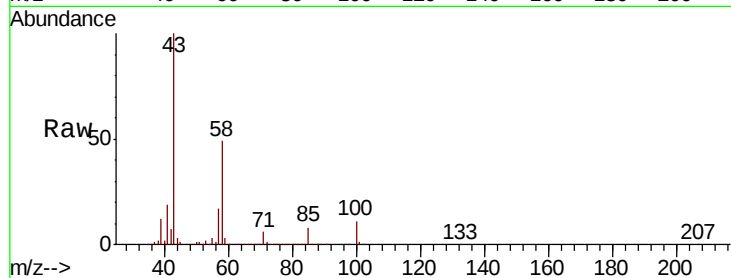




#59
2-Hexanone
Concen: 109.341 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

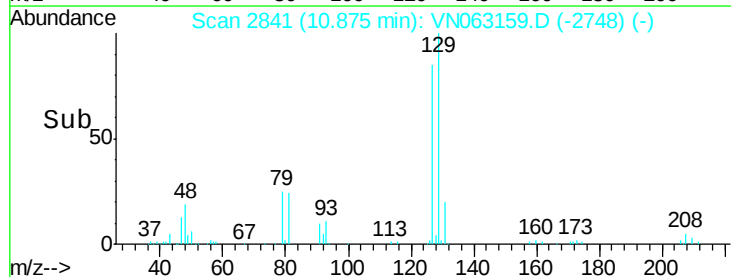
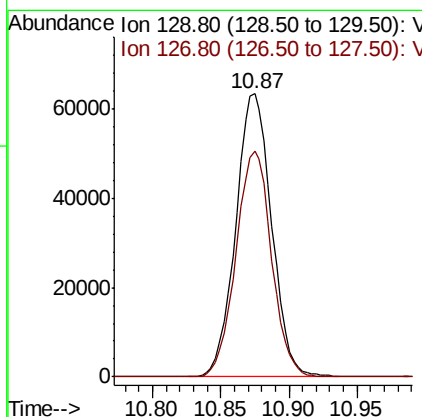
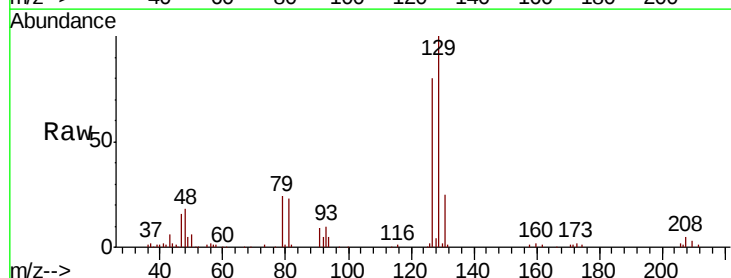
Instrument :
MSVOA_N
ClientSampled :

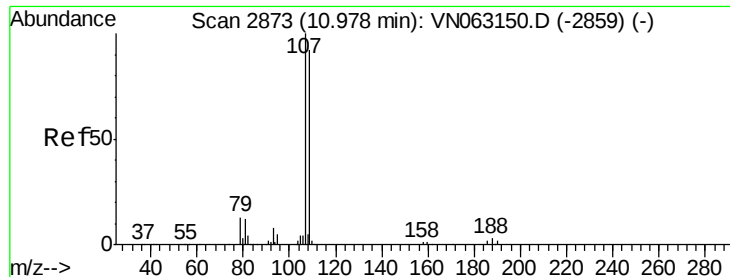
Tot Ion: 43 Resp: 532537
Ion Ratio Lower Upper
43 100
58 50.5 25.9 77.8



#60
Dibromochloromethane
Concen: 19.100 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

Tgt Ion: 129 Resp: 115766
Ion Ratio Lower Upper
129 100
127 78.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.237 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

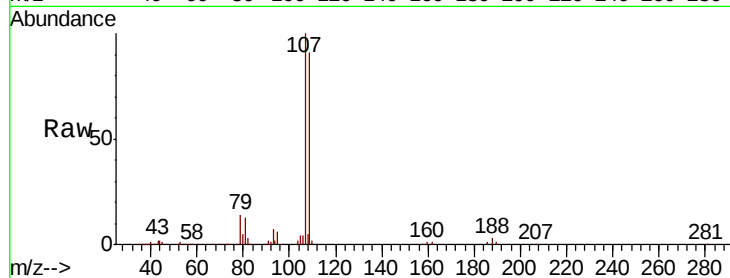
ClientSampleId :

Tot Ion: 107 Resp: 109631

Ion Ratio Lower Upper

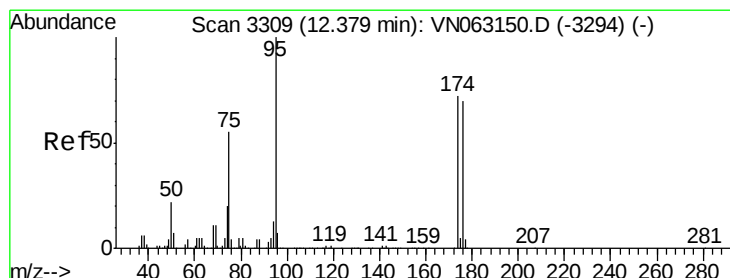
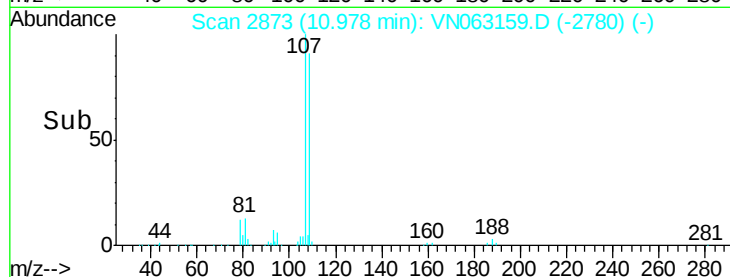
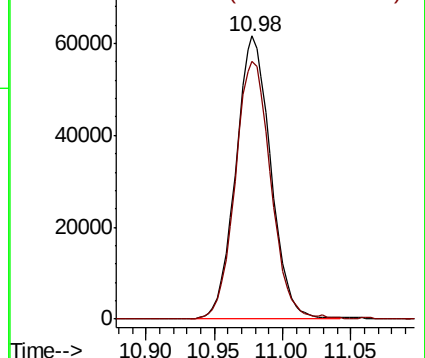
107 100

109 93.0 73.4 110.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.788 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

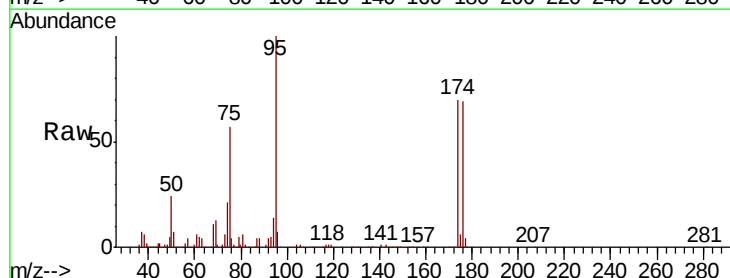
Tgt Ion: 95 Resp: 328748

Ion Ratio Lower Upper

95 100

174 72.4 0.0 143.8

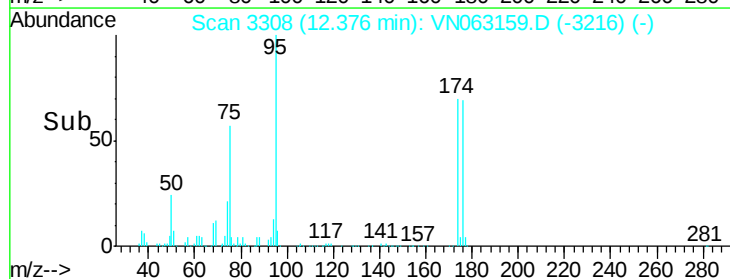
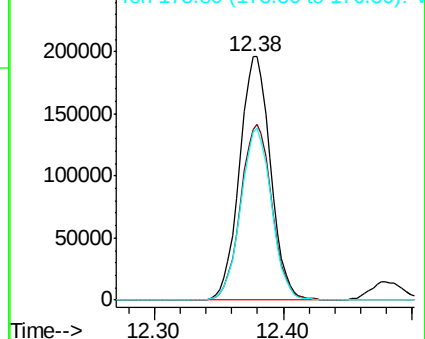
176 70.1 0.0 138.4

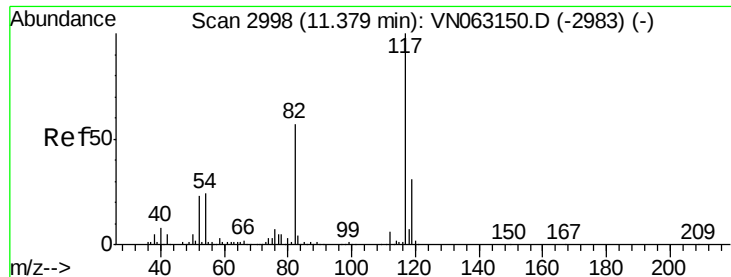


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

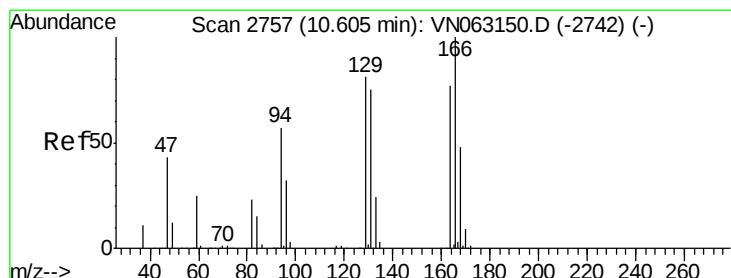
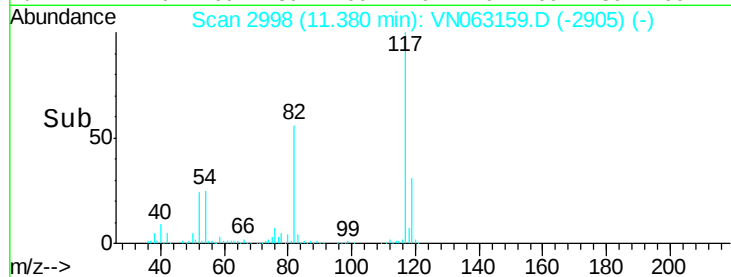
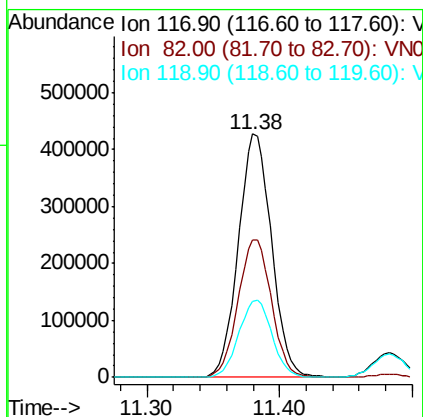
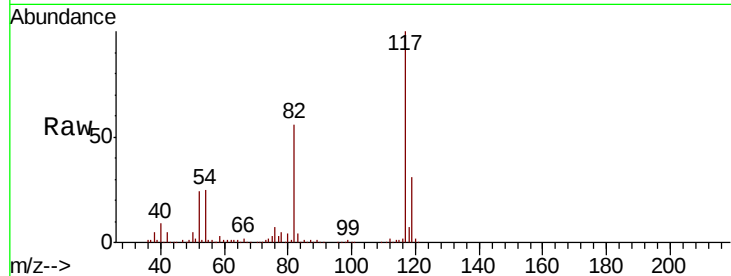




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

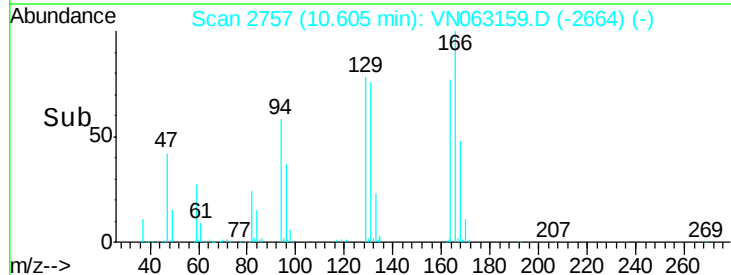
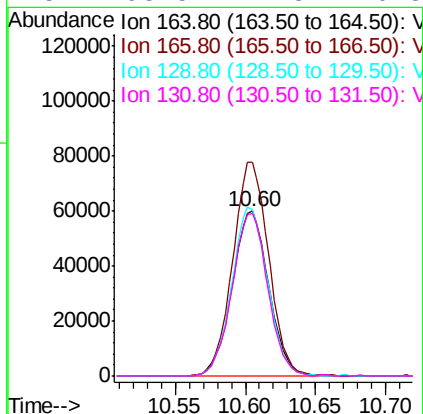
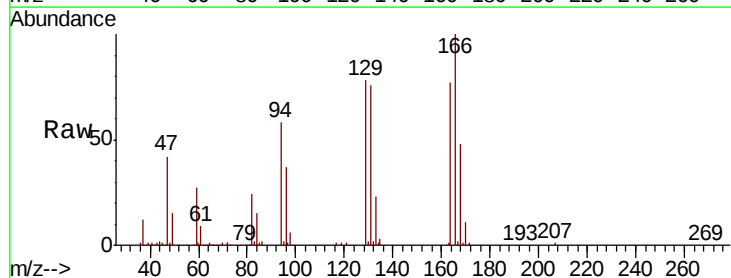
Instrument :
MSVOA_N
ClientSampled :

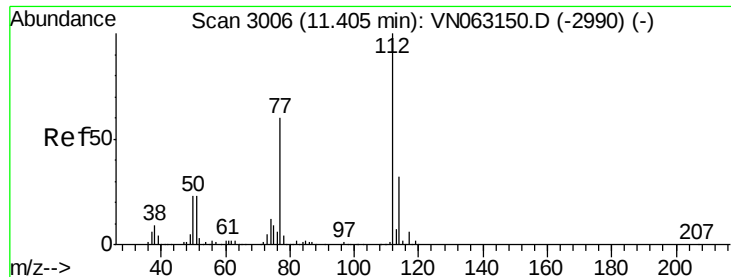
Tot Ion:117 Resp: 744971
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.0
119 31.1 24.6 37.0



#64
Tetrachloroethene
Concen: 20.382 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

Tgt Ion:164 Resp: 109034
Ion Ratio Lower Upper
164 100
166 129.4 103.4 155.2
129 100.7 83.4 125.0
131 98.5 77.8 116.8

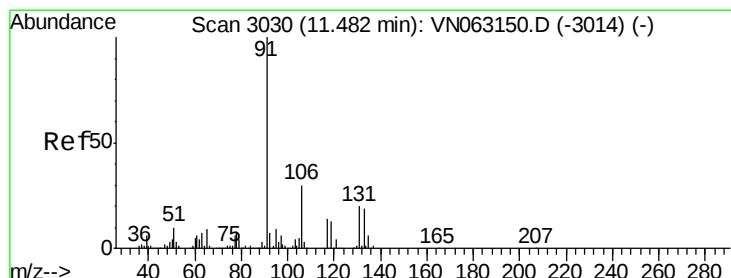
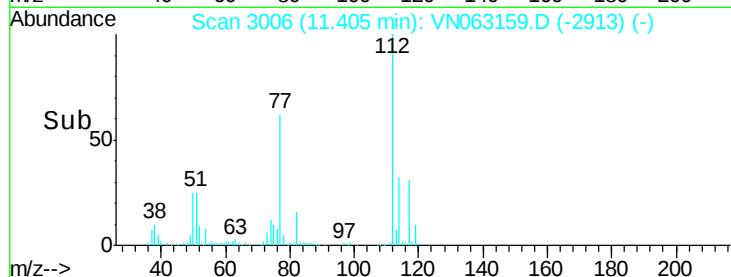
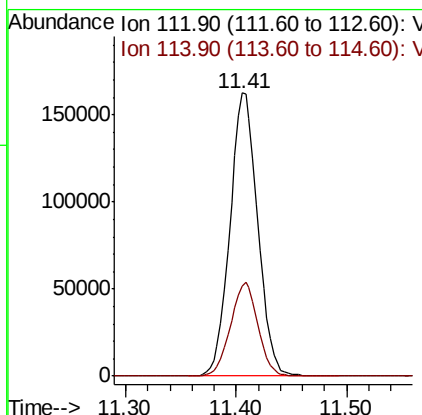
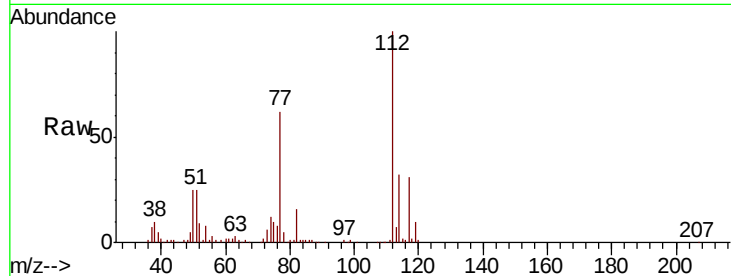




#65
Chlorobenzene
Concen: 18.909 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

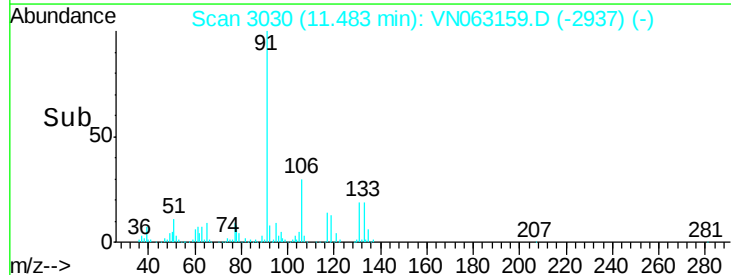
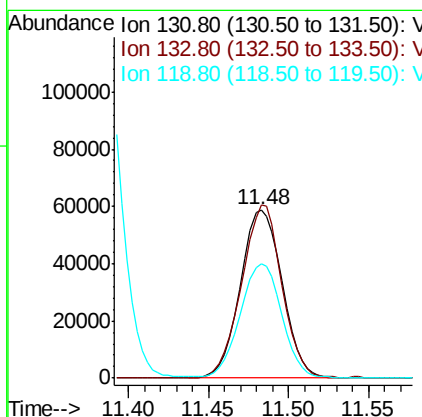
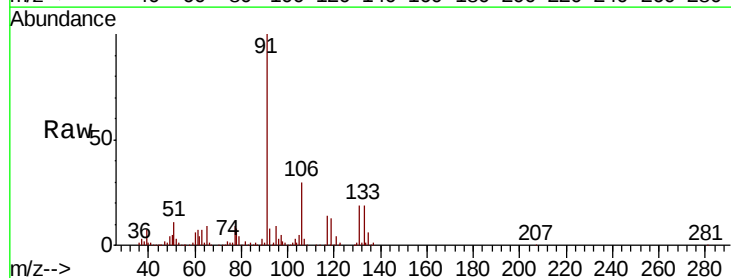
Instrument :
MSVOA_N
ClientSampled :

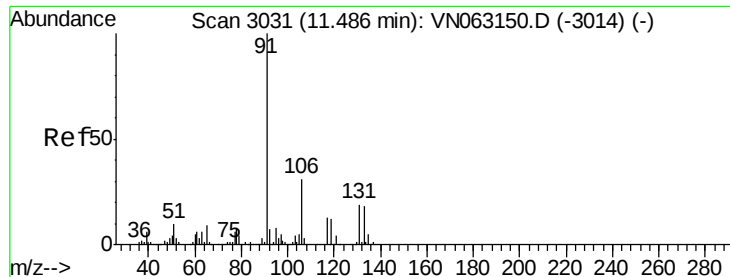
Tot Ion:112 Resp: 283722
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.843 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

Tgt Ion:131 Resp: 104973
Ion Ratio Lower Upper
131 100
133 99.3 47.3 142.0
119 68.0 32.4 97.0





#67

Ethyl Benzene

Concen: 19.764 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

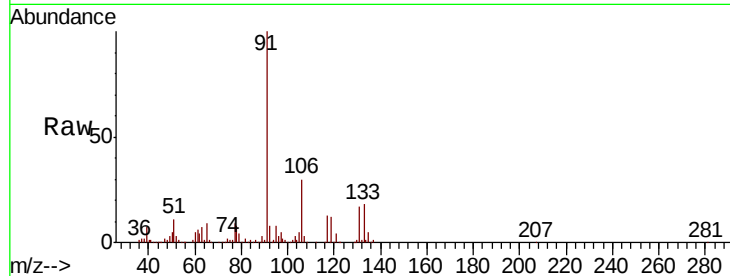
ClientSampled :

Tot Ion: 91 Resp: 540987

Ion Ratio Lower Upper

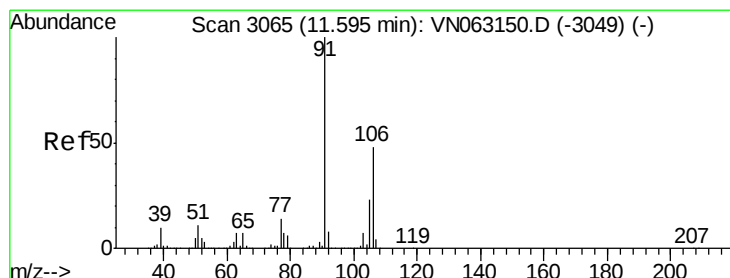
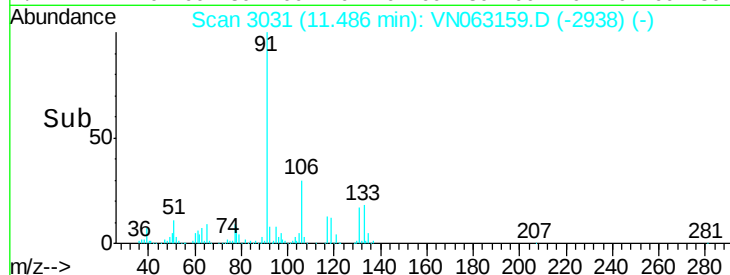
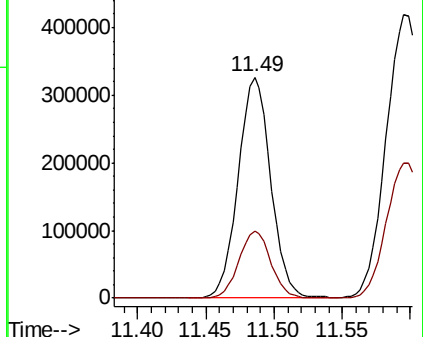
91 100

106 30.5 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN063159.D (-2938) (-)

Ion 106.00 (105.70 to 106.70): VN063159.D (-2938) (-)



#68

m/p-Xylenes

Concen: 38.078 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063159.D

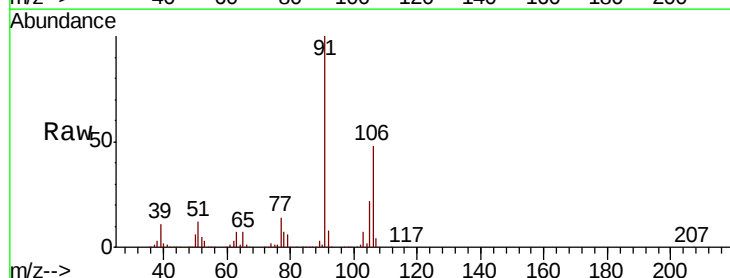
Acq: 1 Sep 2020 16:51

Tgt Ion: 106 Resp: 386030

Ion Ratio Lower Upper

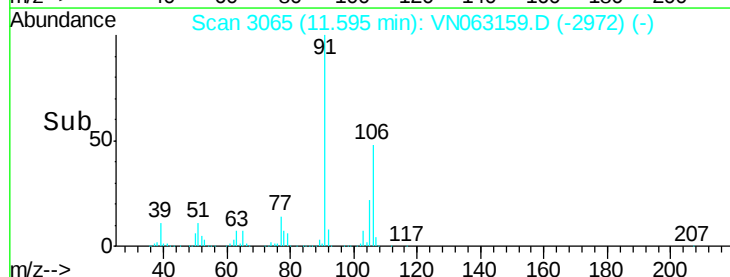
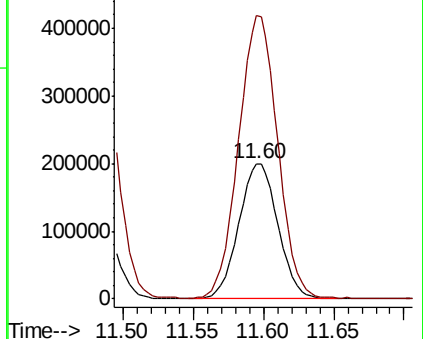
106 100

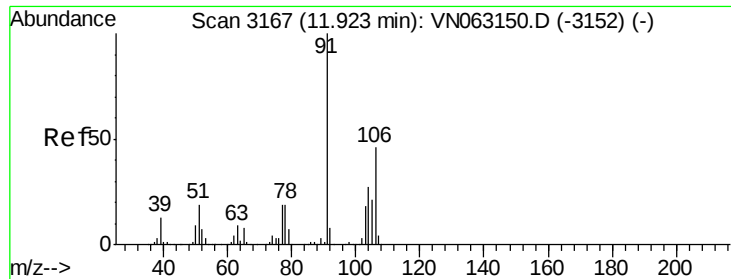
91 209.3 166.7 250.1



Abundance Ion 106.00 (105.70 to 106.70): VN063159.D (-2972) (-)

Ion 91.00 (90.70 to 91.70): VN063159.D (-2972) (-)

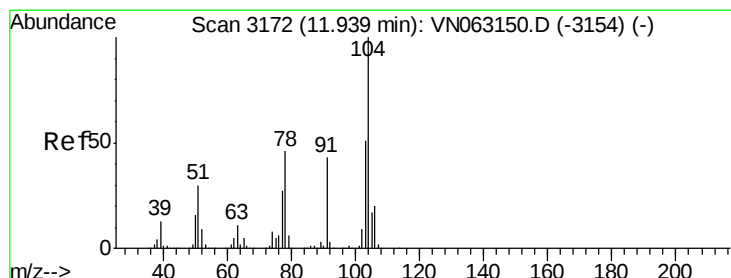
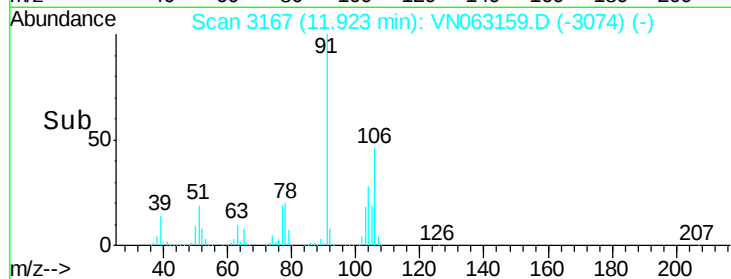
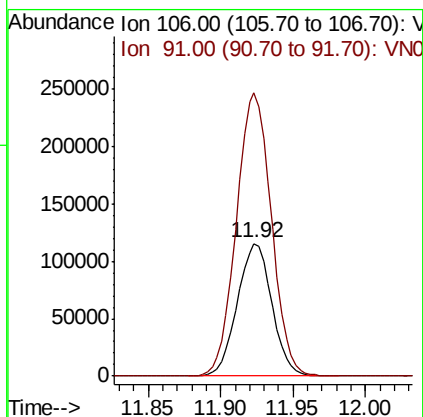
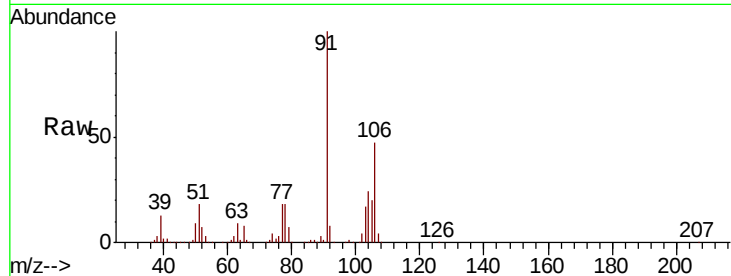




#69
o-Xylene
Concen: 19.573 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

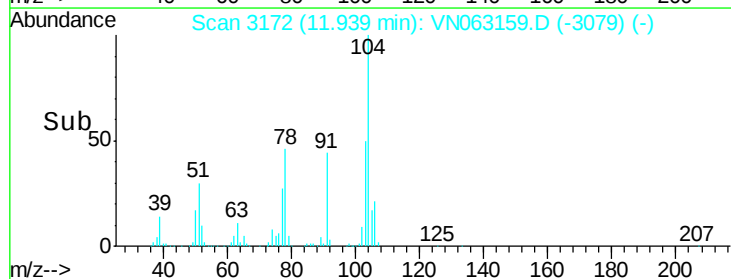
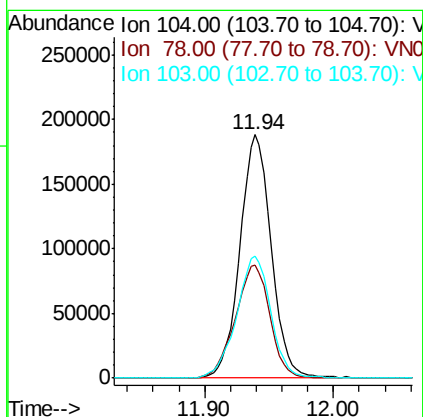
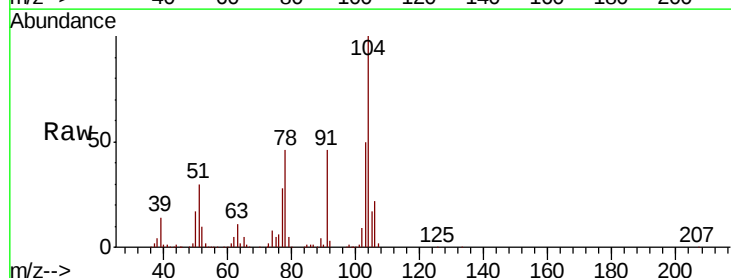
Instrument :
MSVOA_N
ClientSampled :

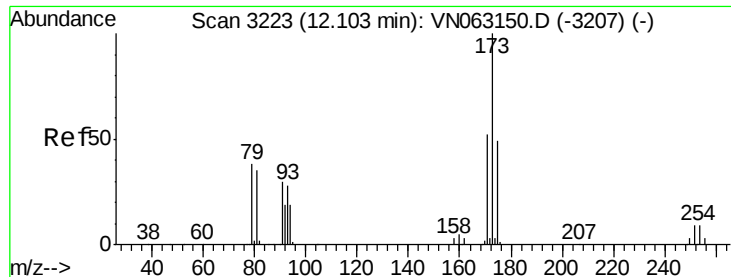
Tot Ion:106 Resp: 191695
Ion Ratio Lower Upper
106 100
91 215.7 108.6 325.6



#70
Styrene
Concen: 18.950 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

Tgt Ion:104 Resp: 318960
Ion Ratio Lower Upper
104 100
78 51.3 41.0 61.6
103 54.6 43.8 65.8





#71

Bromoform

Concen: 19.203 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

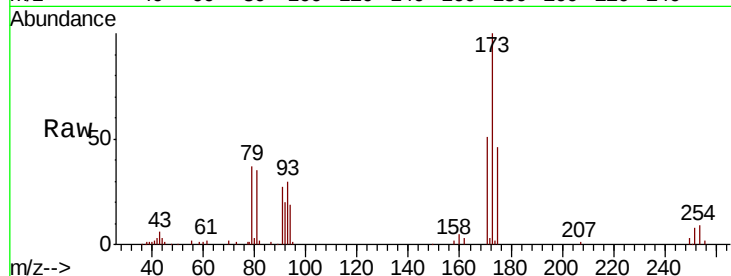
Tot Ion:173 Resp: 72599

Ion Ratio Lower Upper

173 100

175 47.5 24.6 73.8

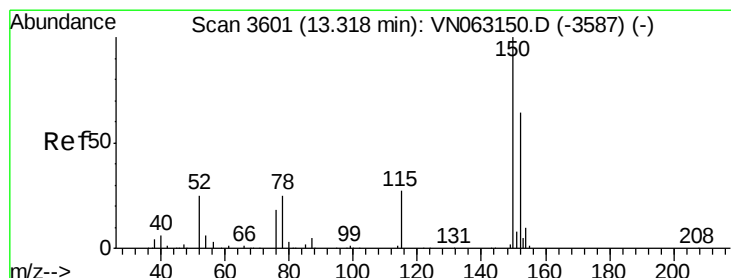
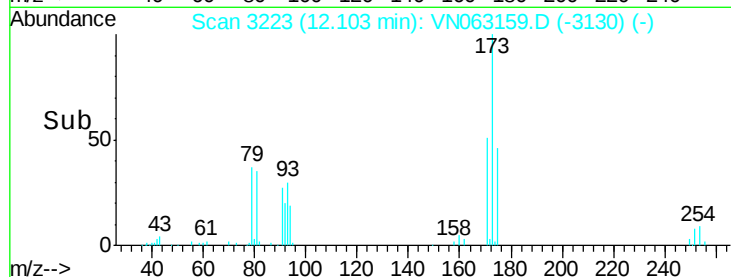
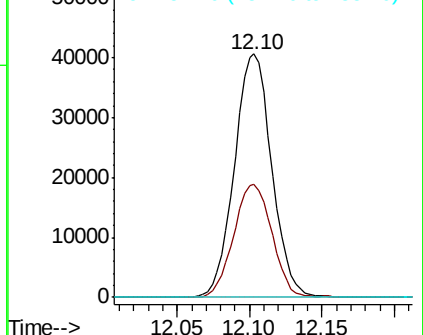
254 0.0 0.0 0.0



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: VN063159.D

Acq: 1 Sep 2020 16:51

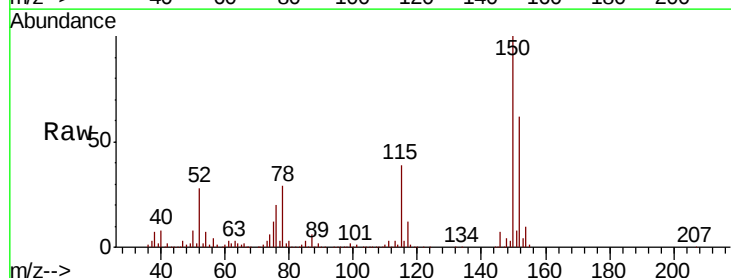
Tgt Ion:152 Resp: 330519

Ion Ratio Lower Upper

152 100

115 62.7 32.0 96.2

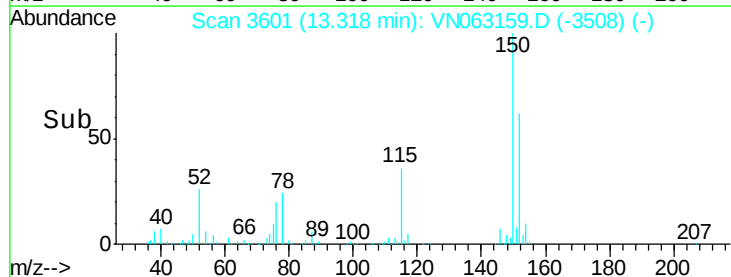
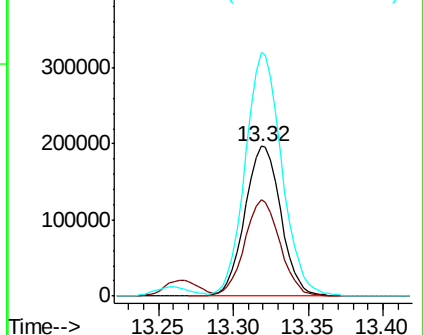
150 164.2 0.0 353.0

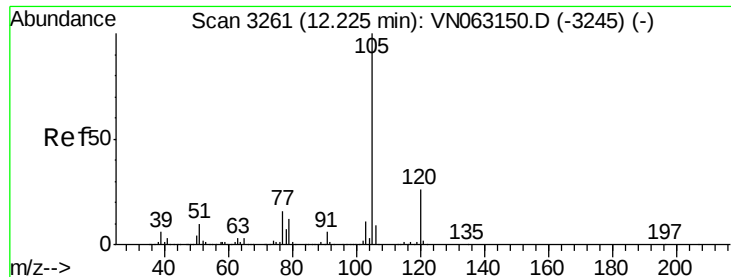


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

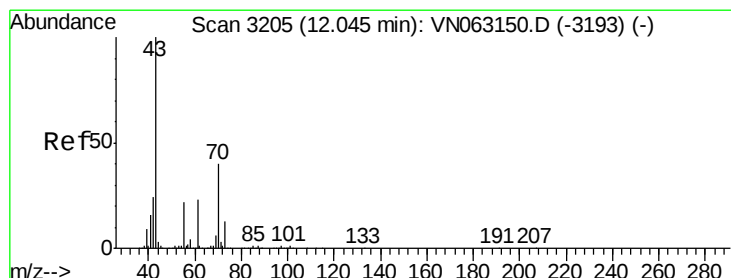
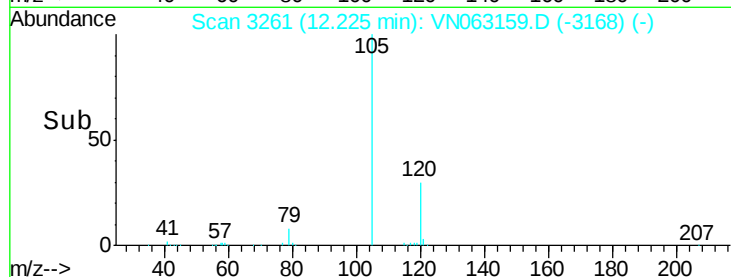
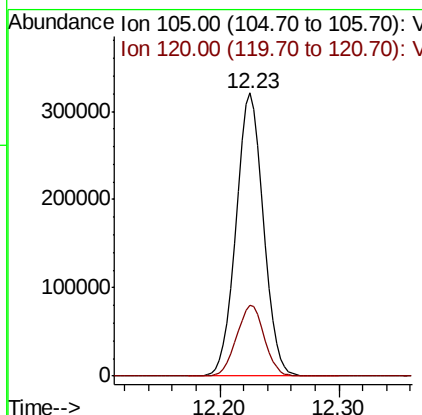
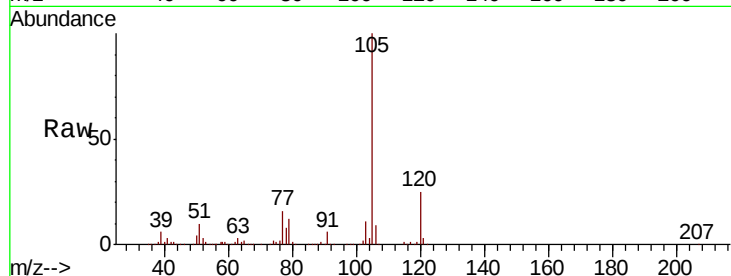




#73
Isopropylbenzene
Concen: 20.125 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

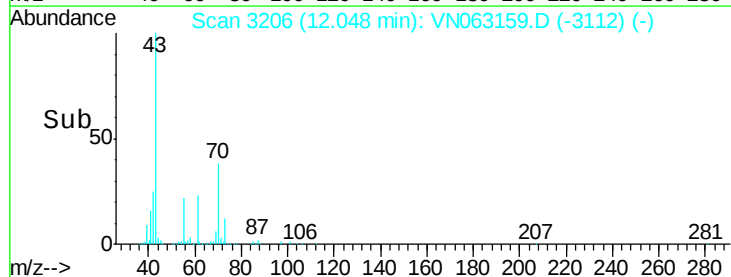
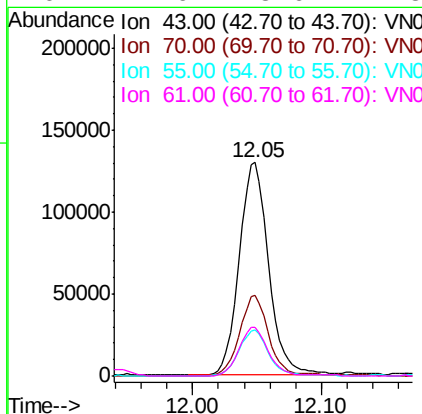
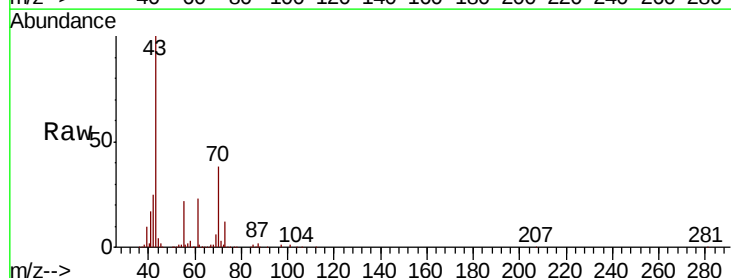
Instrument :
MSVOA_N
ClientSampleId :

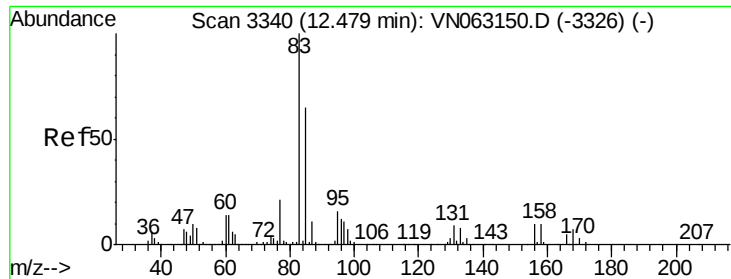
Tot Ion:105 Resp: 510171
Ion Ratio Lower Upper
105 100
120 25.4 12.9 38.6



#74
N-ethyl acetate
Concen: 19.706 ug/l
RT: 12.05 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VN063159.D
Acq: 1 Sep 2020 16:51

Tgt Ion: 43 Resp: 206925
Ion Ratio Lower Upper
43 100
70 36.8 32.1 48.1
55 21.9 17.4 26.0
61 22.6 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.097 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

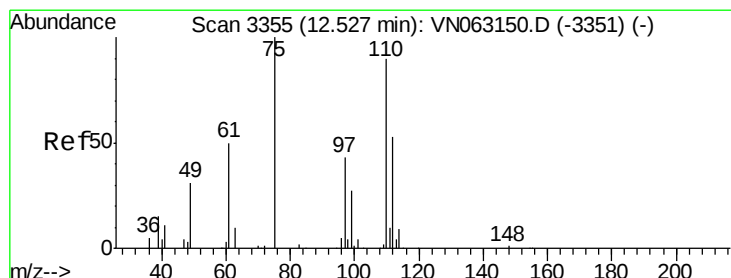
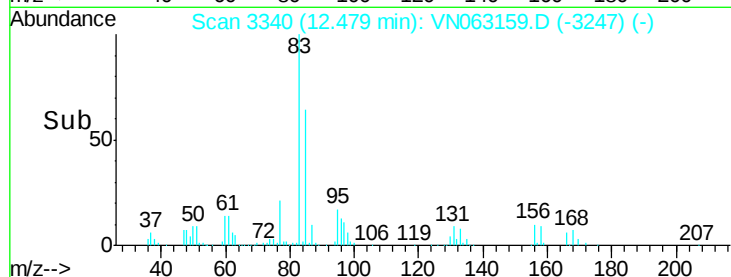
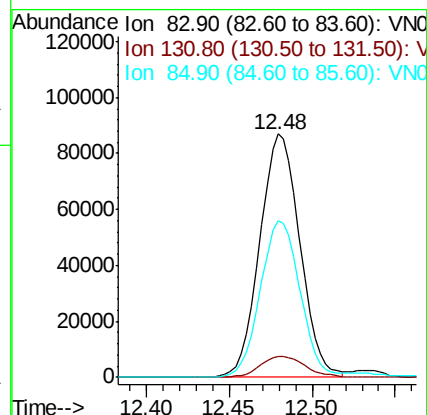
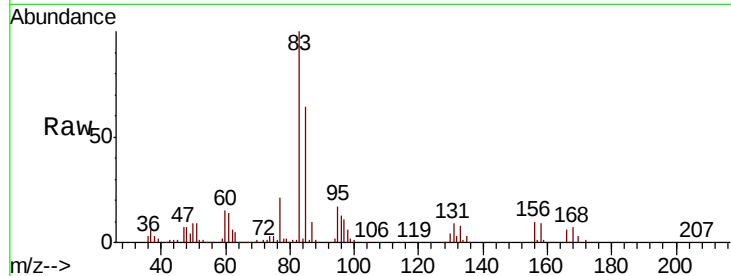
Tot Ion: 83 Resp: 146880

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.0

85 63.8 32.7 98.1



#76

1,2,3-Trichloropropane

Concen: 30.384 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063159.D

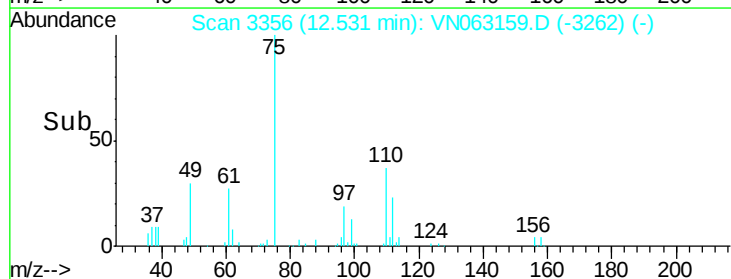
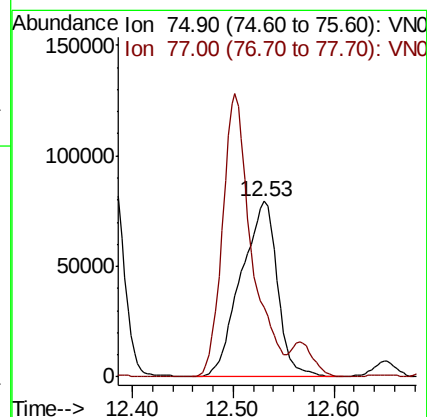
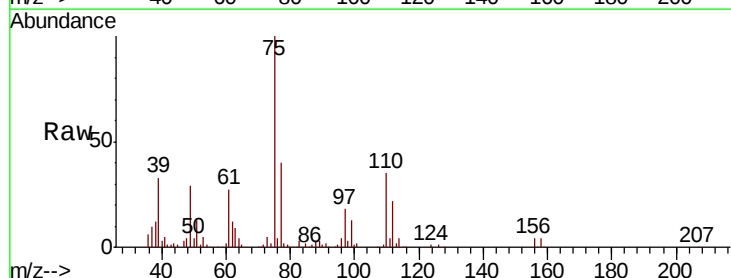
Acq: 1 Sep 2020 16:51

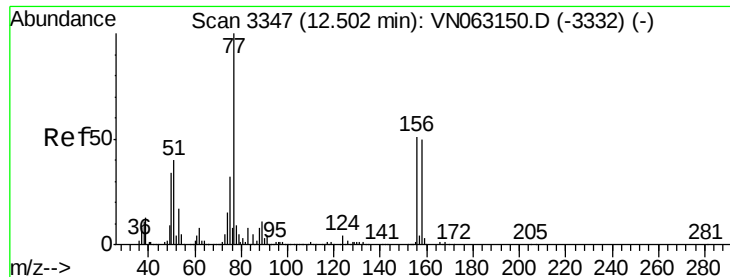
Tgt Ion: 75 Resp: 197314

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.628 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

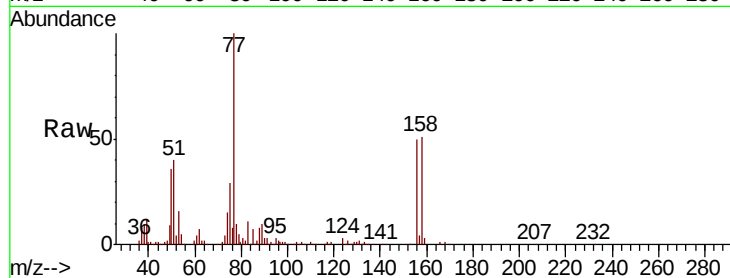
Tot Ion:156 Resp: 112530

Ion Ratio Lower Upper

156 100

77 230.1 116.1 348.3

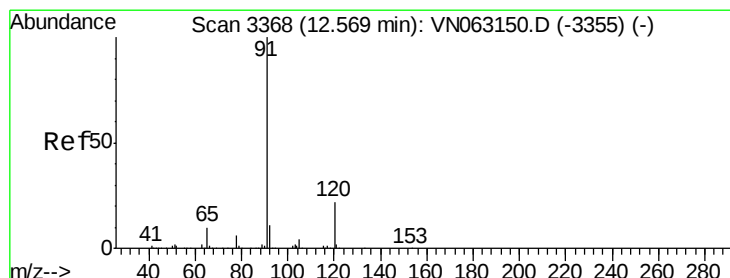
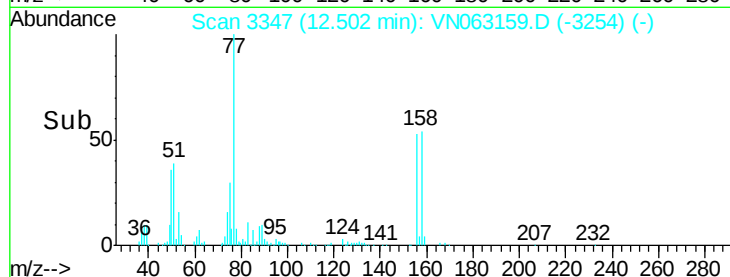
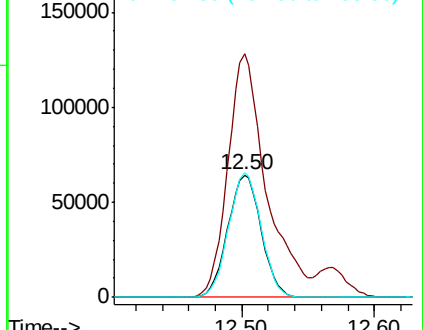
158 99.5 48.8 146.4



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: 20.237 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063159.D

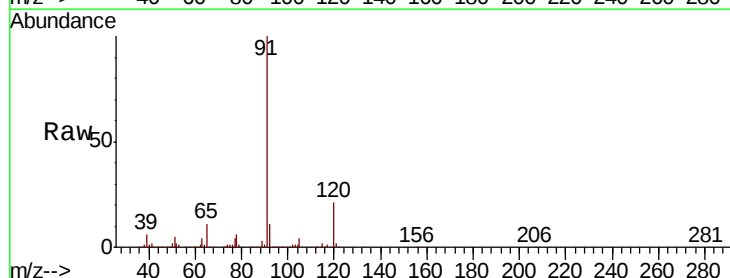
Acq: 1 Sep 2020 16:51

Tgt Ion: 91 Resp: 593640

Ion Ratio Lower Upper

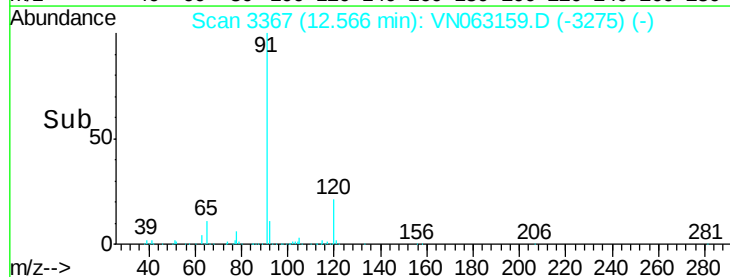
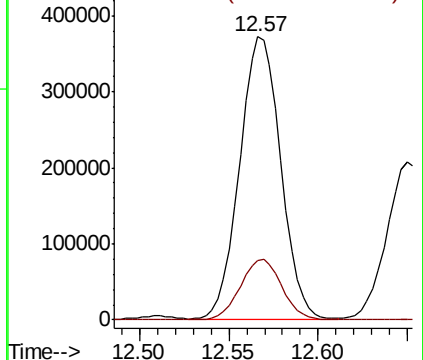
91 100

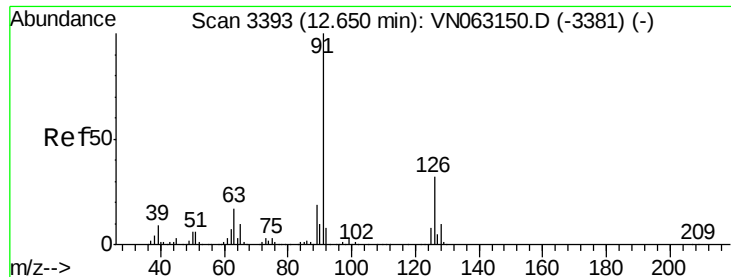
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.657 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

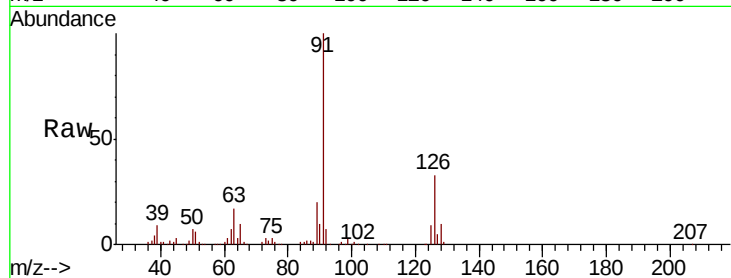
ClientSampled :

Tot Ion: 91 Resp: 345370

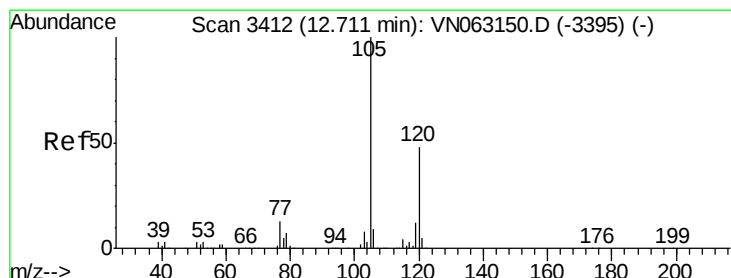
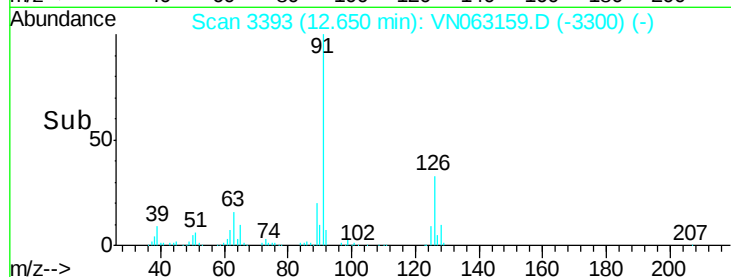
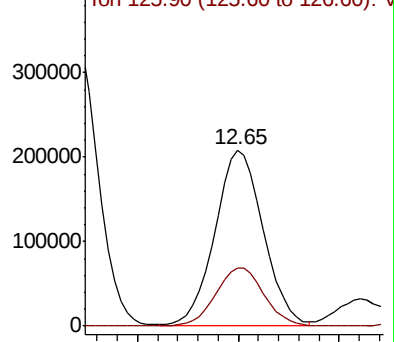
Ion Ratio Lower Upper

91 100

126 33.4 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VN063159.D (-3393) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.137 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063159.D

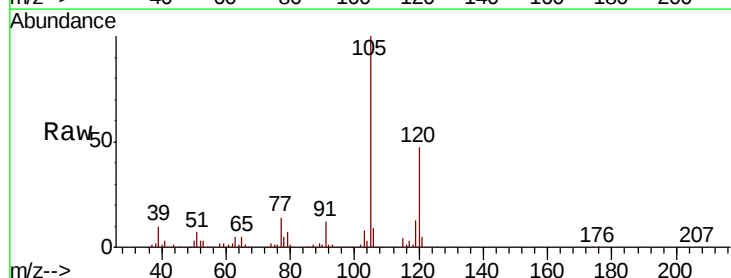
Acq: 1 Sep 2020 16:51

Tgt Ion: 105 Resp: 424904

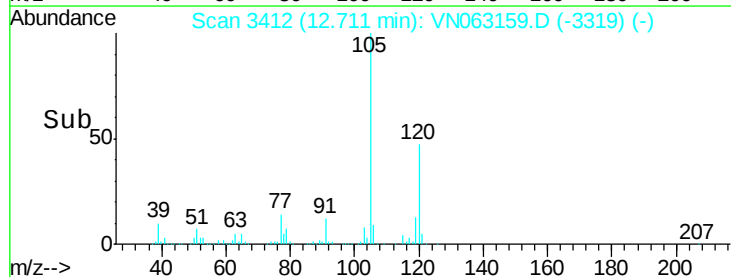
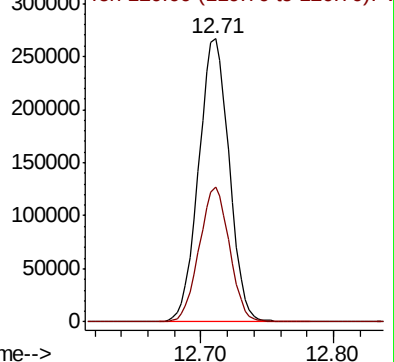
Ion Ratio Lower Upper

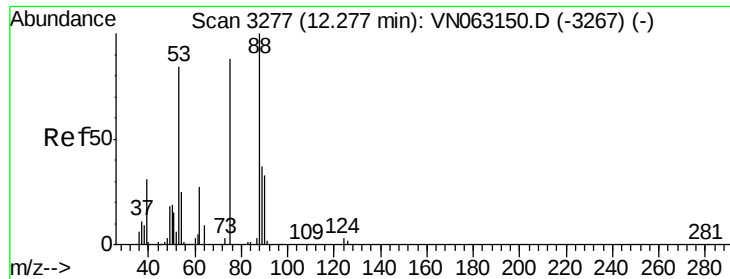
105 100

120 47.0 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063159.D (-3412) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.701 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

ClientSampled :

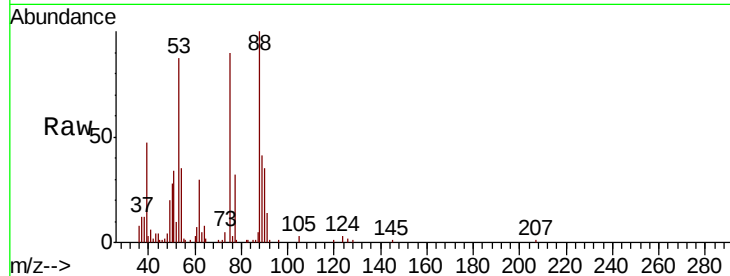
Tot Ion: 75 Resp: 50245

Ion Ratio Lower Upper

75 100

53 99.9 78.7 118.1

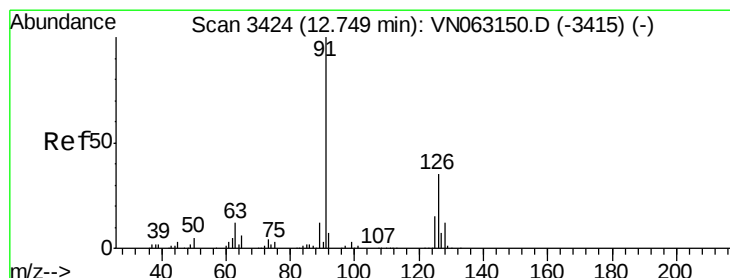
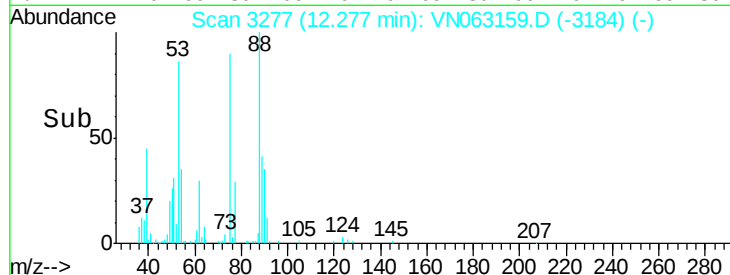
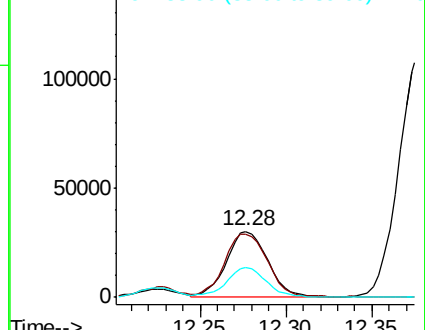
89 43.8 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN063159.D (-3184) (-)

Ion 53.00 (52.70 to 53.70): VN063159.D (-3184) (-)

Ion 88.90 (88.60 to 89.60): VN063159.D (-3184) (-)



#82

4-Chlorotoluene

Concen: 19.915 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063159.D

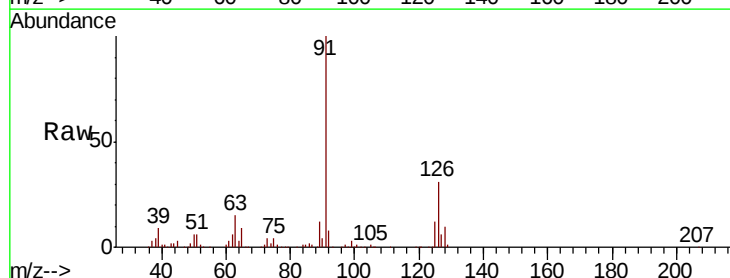
Acq: 1 Sep 2020 16:51

Tgt Ion: 91 Resp: 362896

Ion Ratio Lower Upper

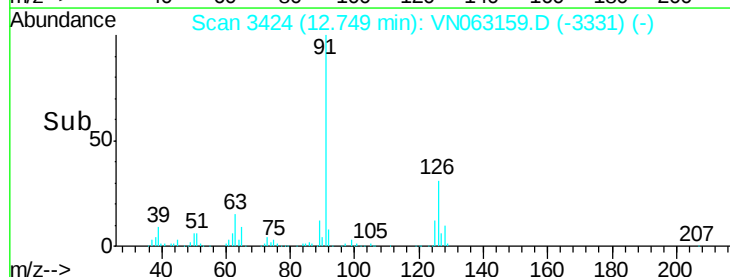
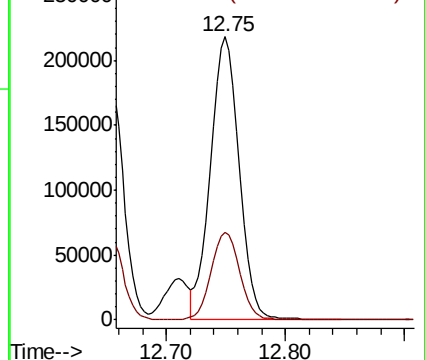
91 100

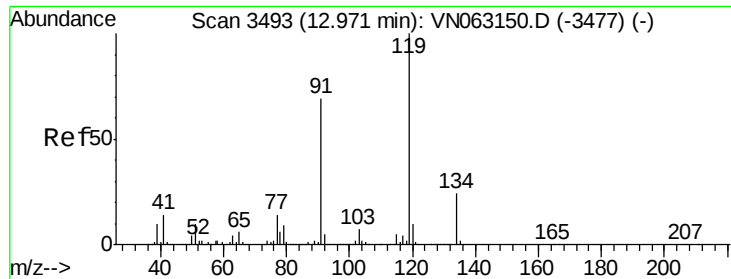
126 30.9 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN063159.D (-3331) (-)

Ion 125.90 (125.60 to 126.60): VN063159.D (-3331) (-)

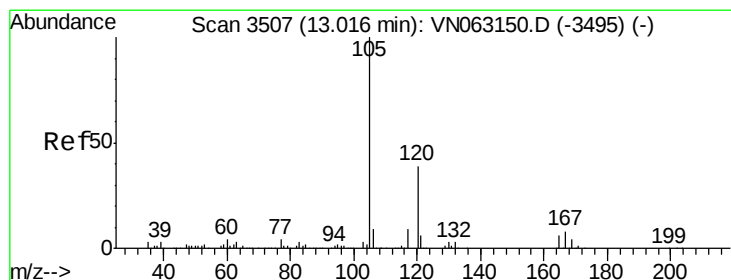
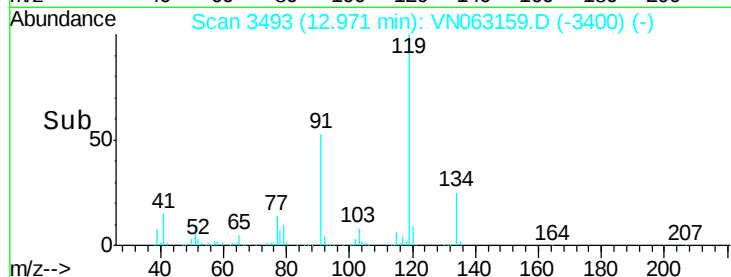
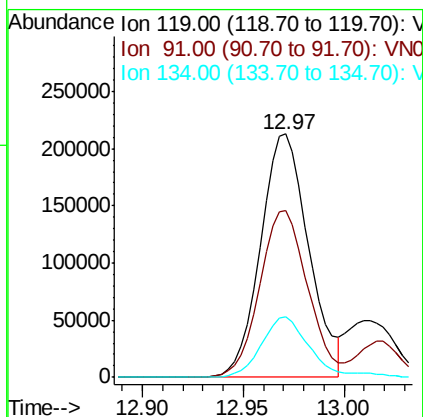
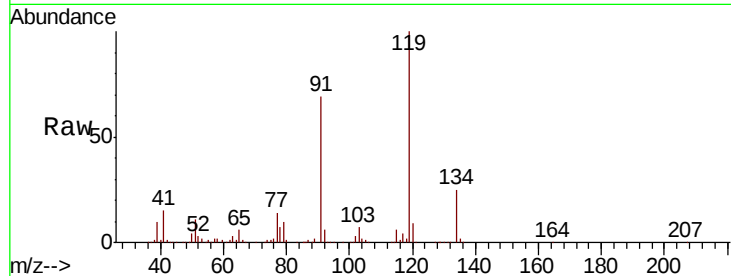




#83
 tert-Butylbenzene
 Concen: 19.559 ug/l
 RT: 12.97 min Scan# 3493
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

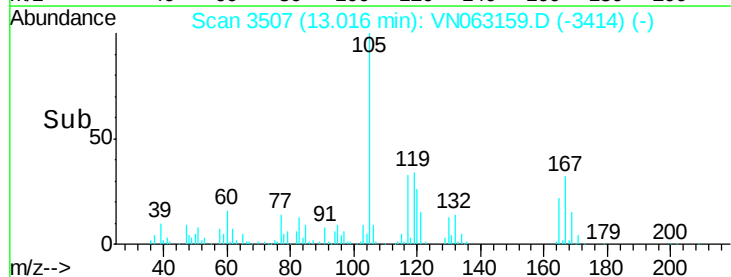
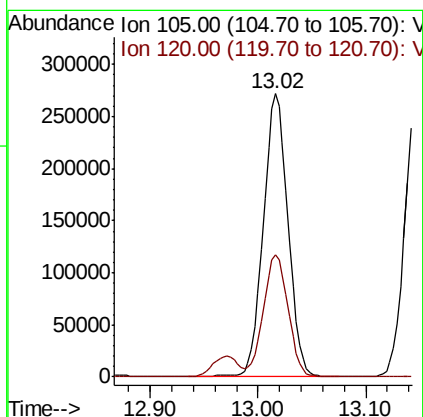
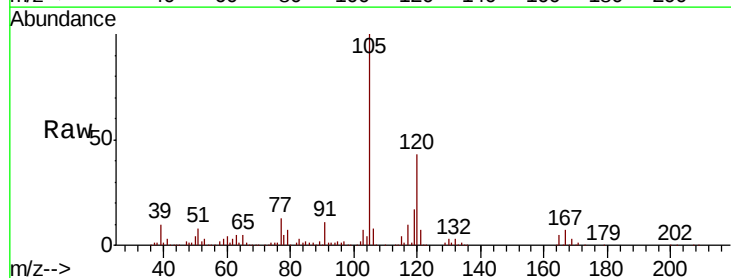
Instrument :
 MSVOA_N
 ClientSampleId :

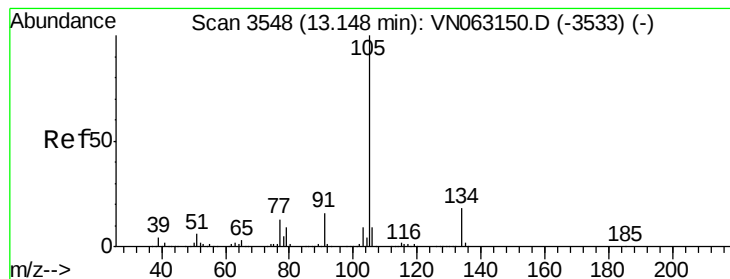
Tot Ion:119 Resp: 353951
 Ion Ratio Lower Upper
 119 100
 91 67.9 33.7 101.0
 134 25.3 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.282 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

Tgt Ion:105 Resp: 431369
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.148 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

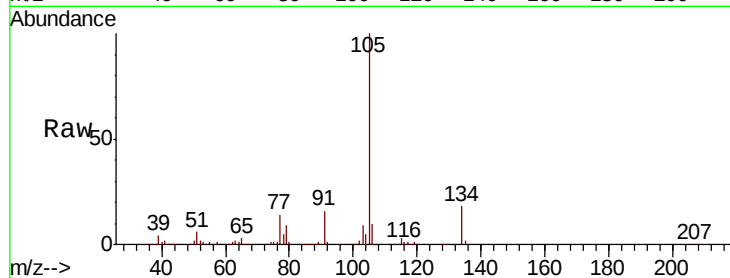
ClientSampleId :

Tot Ion:105 Resp: 475197

Ion Ratio Lower Upper

105 100

134 18.7 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

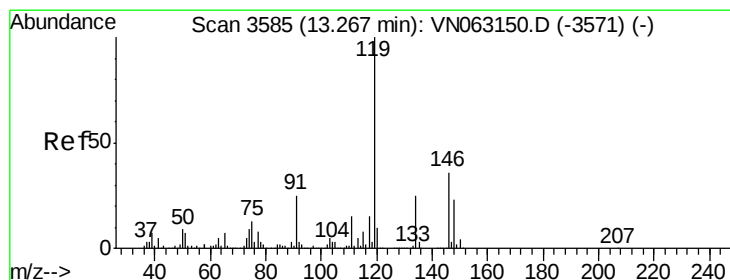
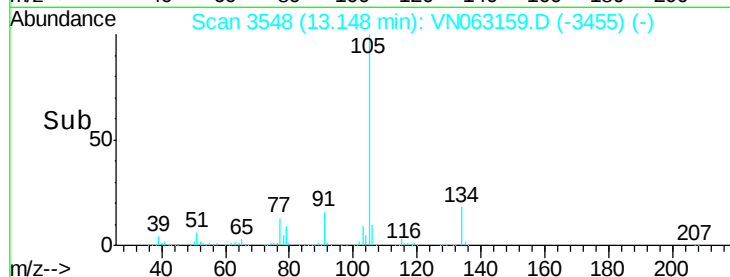
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.442 ug/l

RT: 13.27 min Scan# 3585

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

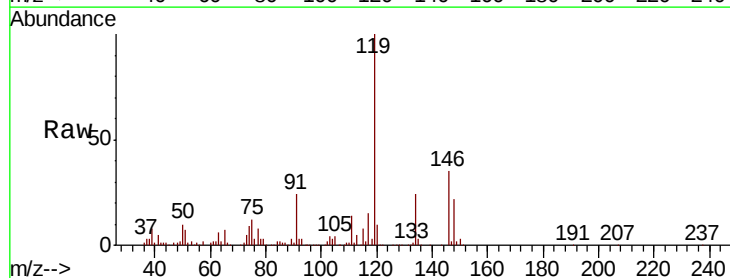
Tgt Ion:119 Resp: 428033

Ion Ratio Lower Upper

119 100

134 24.2 12.4 37.4

91 24.7 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.27

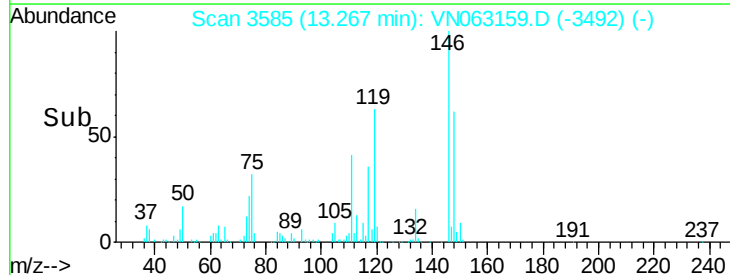
300000

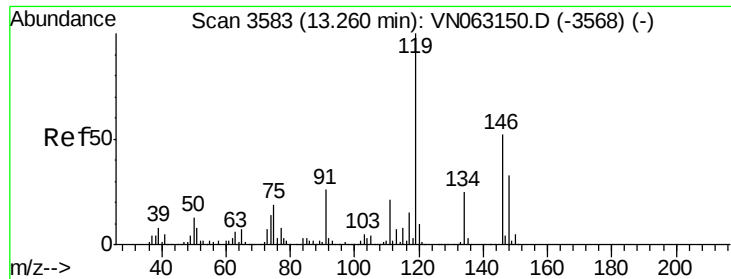
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.520 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

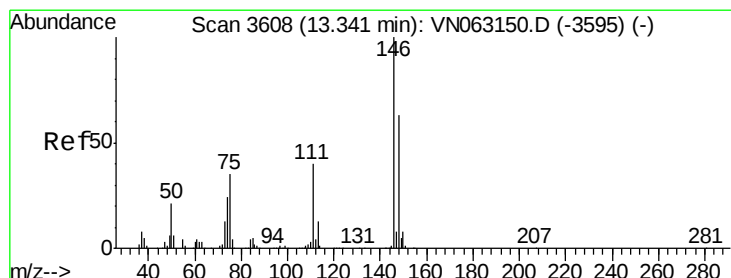
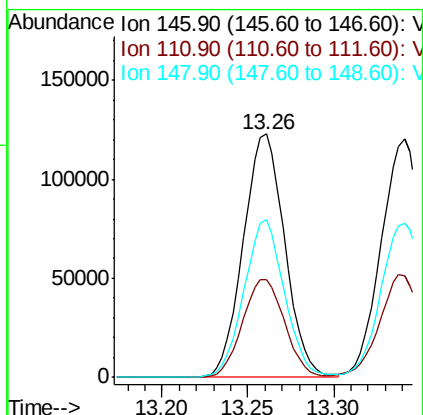
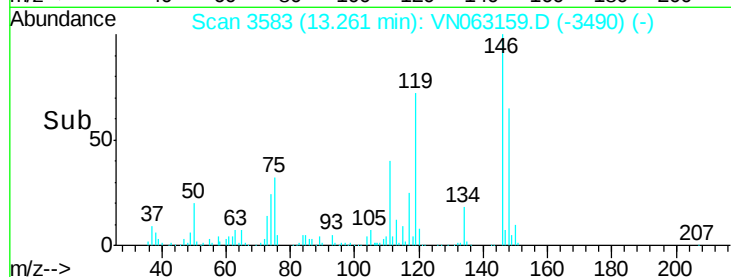
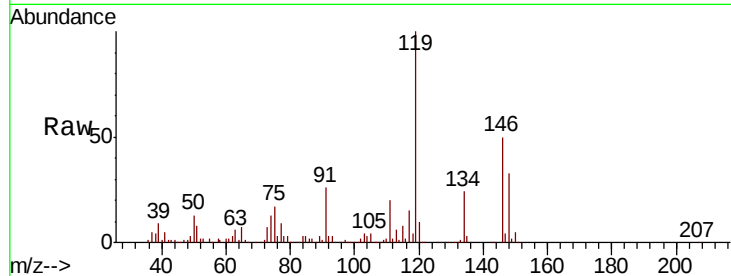
Tot Ion:146 Resp: 205588

Ion Ratio Lower Upper

146 100

111 40.8 21.3 63.7

148 63.1 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 18.853 ug/l

RT: 13.34 min Scan# 3608

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

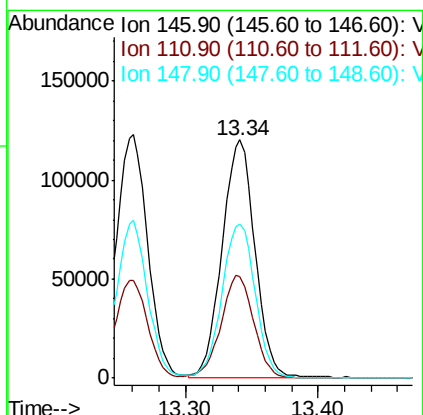
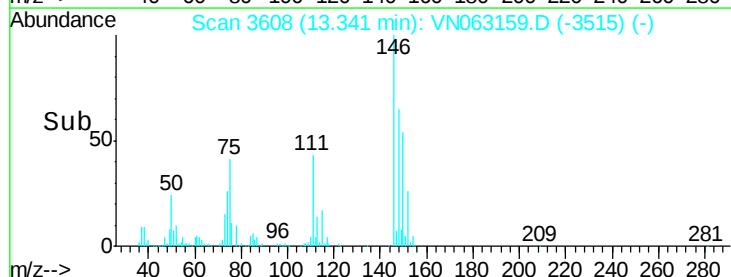
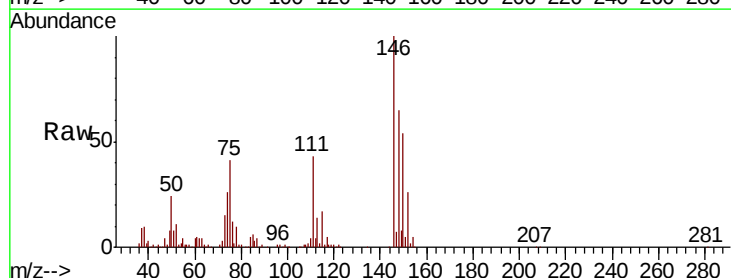
Tgt Ion:146 Resp: 205608

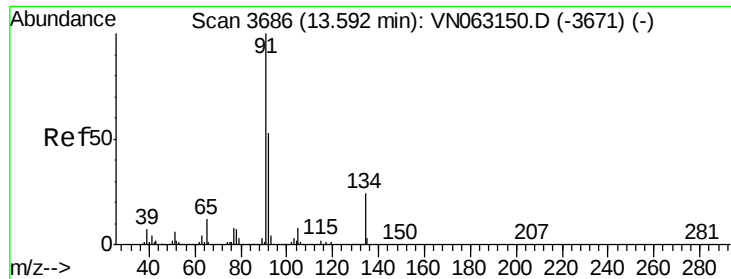
Ion Ratio Lower Upper

146 100

111 43.1 20.5 61.5

148 66.2 31.9 95.7





#89

n-Butylbenzene

Concen: 19.659 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

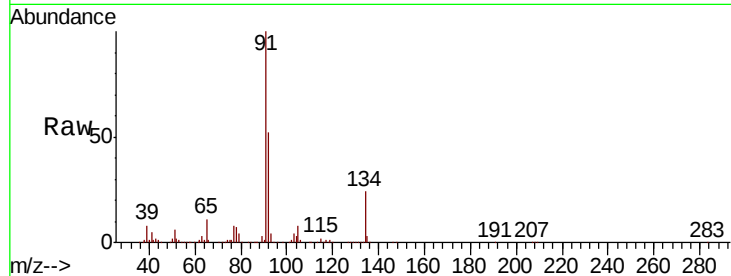
Tot Ion: 91 Resp: 380296

Ion Ratio Lower Upper

91 100

92 51.3 26.3 78.8

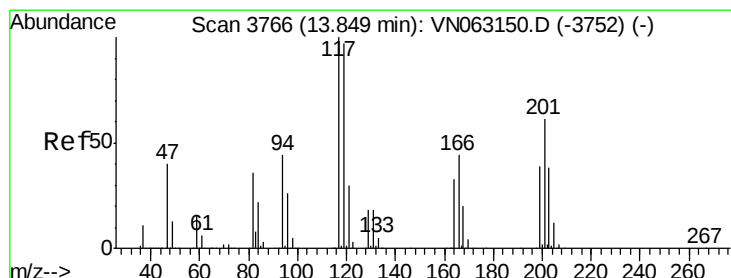
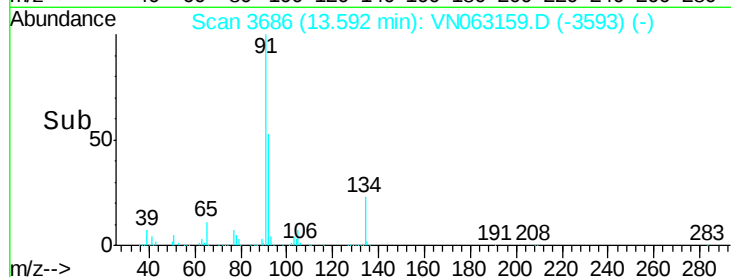
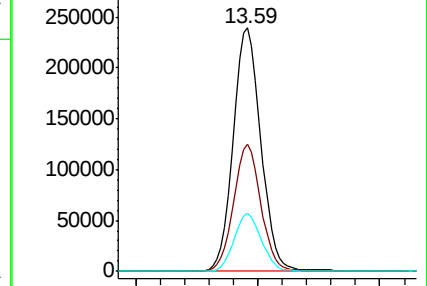
134 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN063159.D (-3593) (-)

Ion 92.00 (91.70 to 92.70): VN063159.D (-3593) (-)

Ion 134.00 (133.70 to 134.70): VN063159.D (-3593) (-)



#90

Hexachloroethane

Concen: 17.640 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063159.D

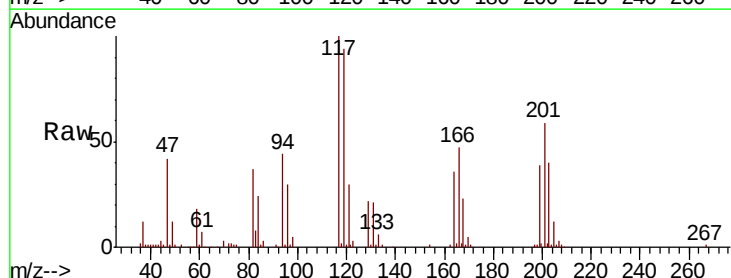
Acq: 1 Sep 2020 16:51

Tgt Ion: 117 Resp: 68374

Ion Ratio Lower Upper

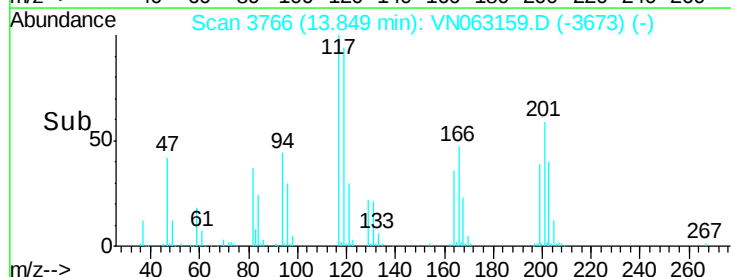
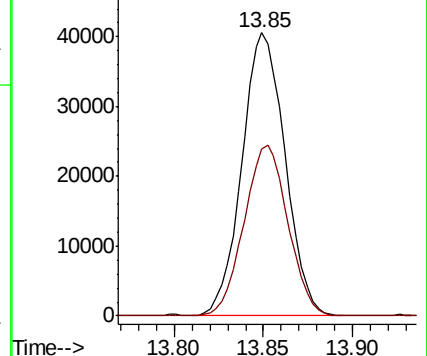
117 100

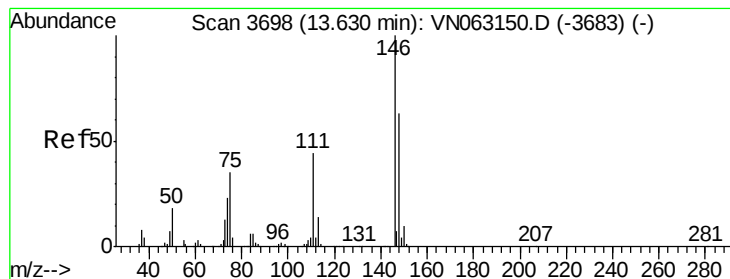
201 61.0 30.6 92.0



Abundance Ion 116.80 (116.50 to 117.50): VN063159.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063159.D (-3673) (-)





#91

1,2-Dichlorobenzene

Concen: 20.246 ug/l

RT: 13.63 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

ClientSampled :

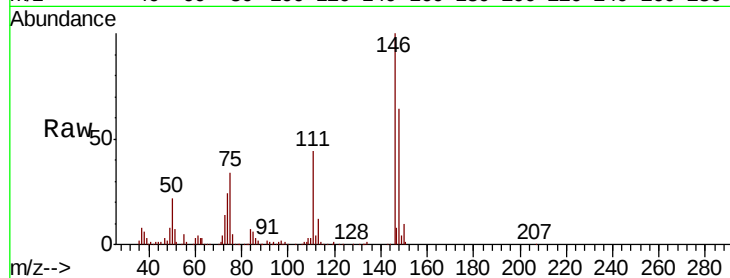
Tot Ion:146 Resp: 206932

Ion Ratio Lower Upper

146 100

111 44.0 22.0 66.0

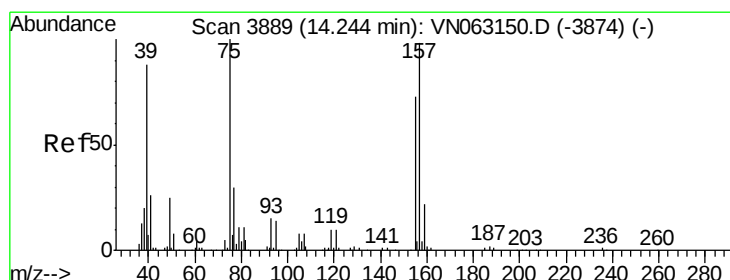
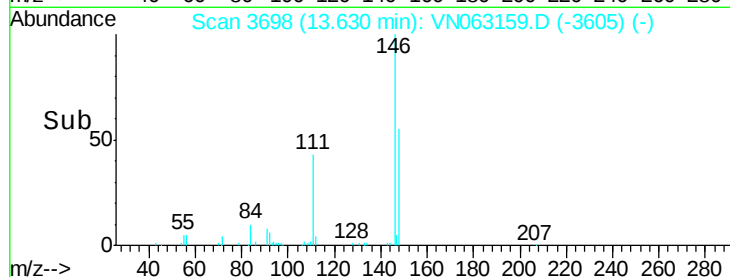
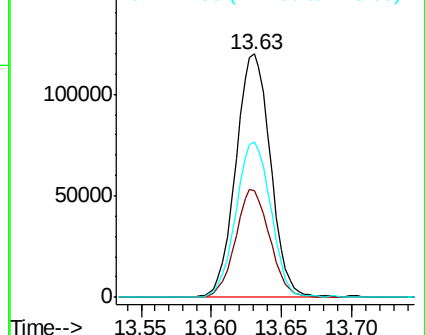
148 64.2 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.332 ug/l

RT: 14.25 min Scan# 3890

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

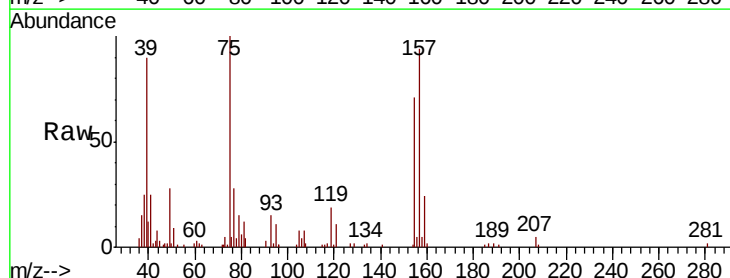
Tgt Ion: 75 Resp: 31063

Ion Ratio Lower Upper

75 100

155 74.8 36.1 108.5

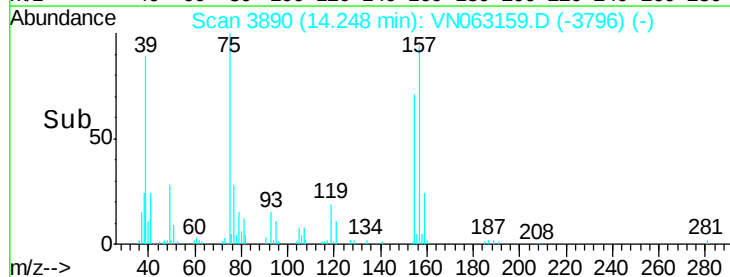
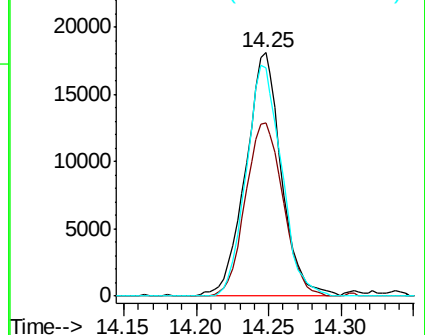
157 93.3 48.4 145.0

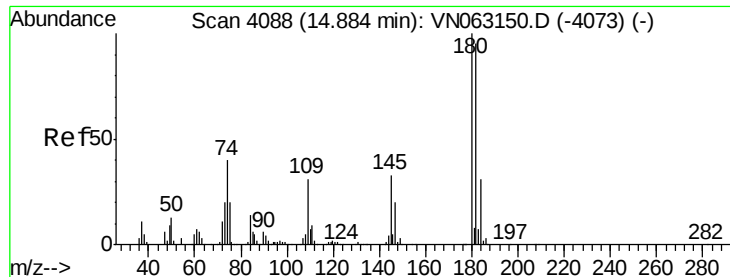


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

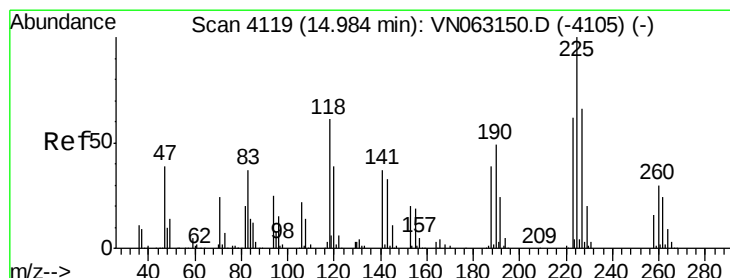
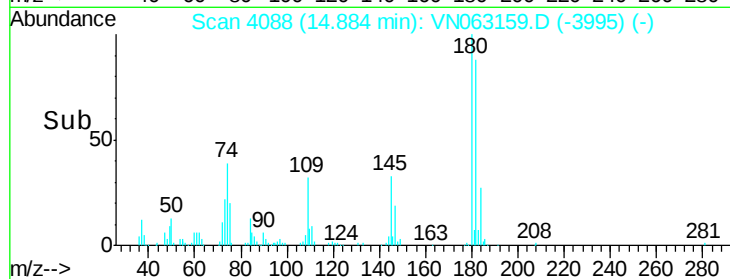
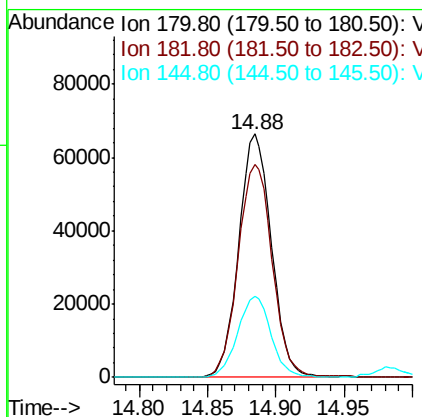
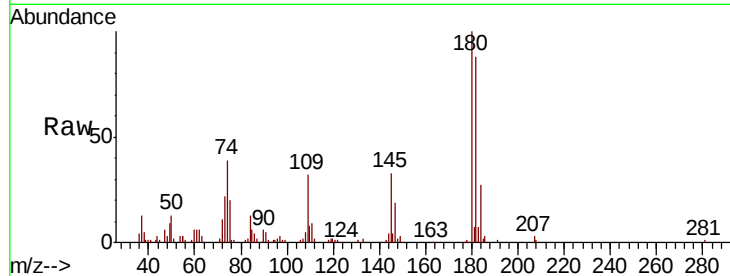




#93
 1,2,4-Trichlorobenzene
 Concen: 19.328 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

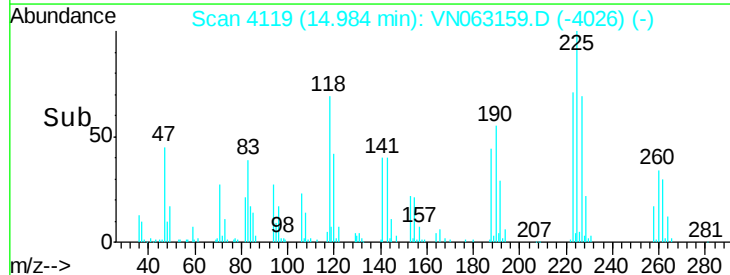
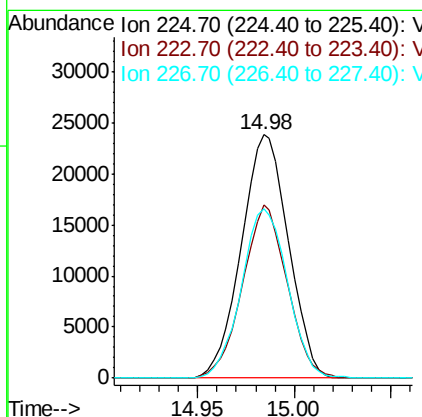
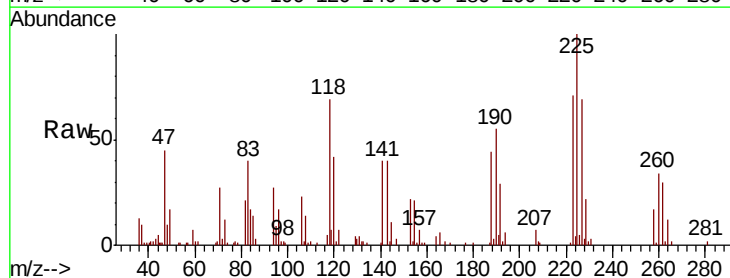
Instrument :
 MSVOA_N
 ClientSampled :

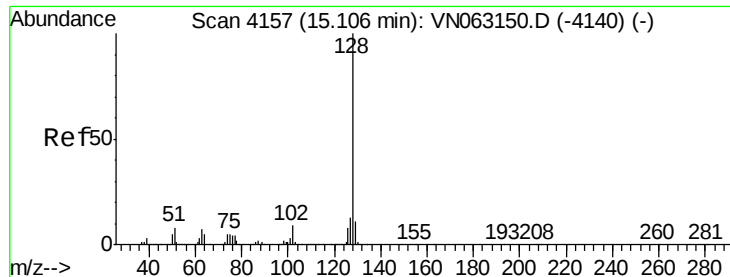
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.4	47.5	142.5
145	33.9	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 18.891 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063159.D
 Acq: 1 Sep 2020 16:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.1	30.9	92.7
227	68.4	32.9	98.7





#95

Naphthalene

Concen: 18.588 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

Instrument :

MSVOA_N

ClientSampled :

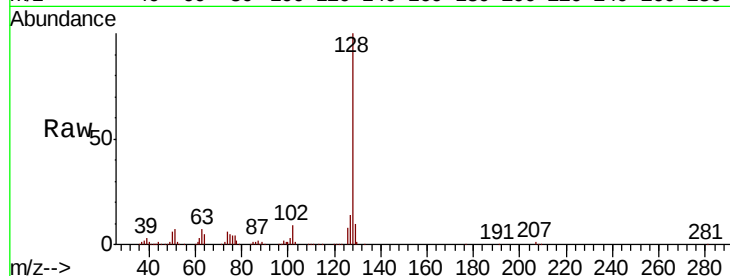
Tot Ion:128 Resp: 354123

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

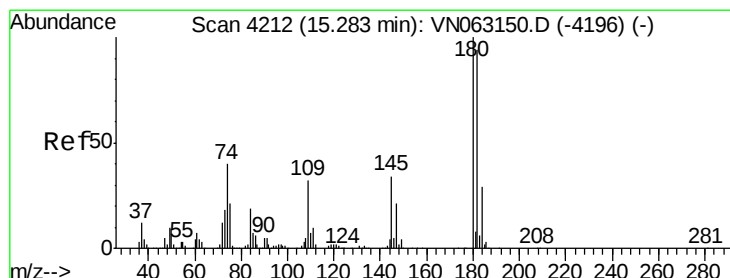
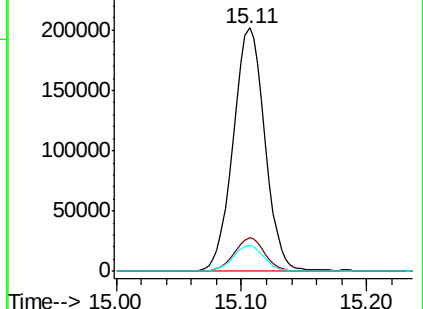
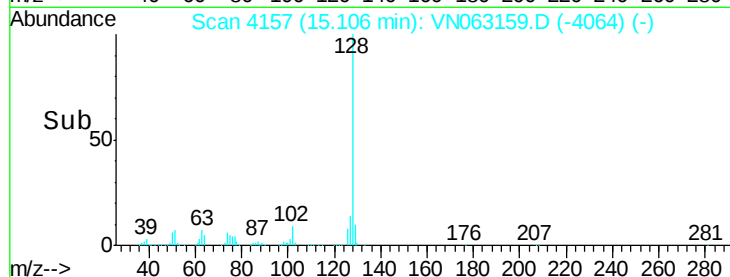
129 10.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.145 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063159.D

Acq: 1 Sep 2020 16:51

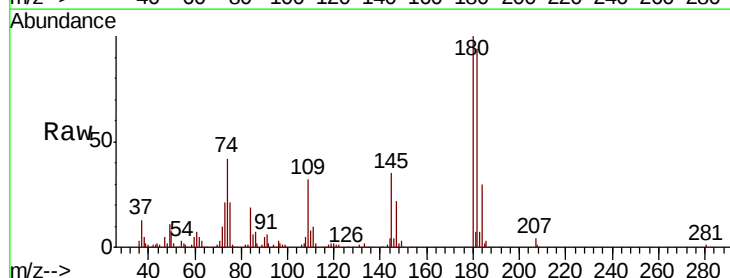
Tgt Ion:180 Resp: 106505

Ion Ratio Lower Upper

180 100

182 93.8 47.5 142.5

145 35.2 17.3 52.0



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

