

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063305.D
 Acq On : 11 Sep 2020 10:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 12 00:38:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	447332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	780752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	705151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	341471	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	341994	48.66	ug/l	0.00
Spiked Amount						
			Recovery	=	97.32%	
35) Dibromofluoromethane	7.55	113	249870	49.61	ug/l	0.00
Spiked Amount						
			Recovery	=	99.22%	
50) Toluene-d8	10.06	98	981182	50.83	ug/l	0.00
Spiked Amount						
			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.38	95	365883	51.32	ug/l	0.00
Spiked Amount						
			Recovery	=	102.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	205177	47.758	ug/l	99
3) Chloromethane	2.04	50	300645	53.625	ug/l	99
4) Vinyl Chloride	2.17	62	311226	51.204	ug/l	97
5) Bromomethane	2.53	94	205153	48.378	ug/l	98
6) Chloroethane	2.67	64	197491	49.670	ug/l	98
7) Trichlorofluoromethane	2.98	101	483158	51.403	ug/l	99
8) Diethyl Ether	3.37	74	166581	49.703	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	250106	50.930	ug/l	100
10) Methyl Iodide	3.91	142	331990	52.152	ug/l	99
11) Tert butyl alcohol	4.72	59	231571	249.210	ug/l	100
12) 1,1-Dichloroethene	3.70	96	247485	50.487	ug/l	96
13) Acrolein	3.56	56	149292	288.916	ug/l	98
14) Allyl chloride	4.28	41	491047	48.797	ug/l	98
15) Acrylonitrile	4.93	53	638581	251.347	ug/l	99
16) Acetone	3.77	43	612241	252.277	ug/l	100
17) Carbon Disulfide	4.01	76	713435	51.441	ug/l	100
18) Methyl Acetate	4.28	43	299015	49.013	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	886606	50.616	ug/l	100
20) Methylene Chloride	4.50	84	288811	52.330	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	274923	50.116	ug/l	98
22) Diisopropyl ether	5.90	45	1008406	50.920	ug/l	98
23) Vinyl Acetate	5.84	43	4179754	268.142	ug/l	100
24) 1,1-Dichloroethane	5.79	63	540874	50.434	ug/l	99
25) 2-Butanone	6.78	43	924768	257.961	ug/l	99
26) 2,2-Dichloropropane	6.78	77	474670	50.498	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	317737	49.699	ug/l	98
28) Bromochloromethane	7.15	49	249072	47.895	ug/l	98
29) Tetrahydrofuran	7.16	42	592365	253.768	ug/l	100
30) Chloroform	7.33	83	544241	50.684	ug/l	99
31) Cyclohexane	7.61	56	483017	49.000	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	470712	50.287	ug/l	99
36) 1,1-Dichloropropene	7.75	75	413523	51.528	ug/l	100
37) Ethyl Acetate	6.88	43	389451	49.327	ug/l	98
38) Carbon Tetrachloride	7.73	117	408341	51.699	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	455515	52.029	ug/l	98
40) Benzene	8.00	78	1183476	51.631	ug/l	100
41) Methacrylonitrile	7.12	41	184306	51.608	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	447557	51.463	ug/l	99
43) Isopropyl Acetate	8.12	43	686888	51.373	ug/l #	91
44) Trichloroethene	8.80	130	304347	50.772	ug/l	96
45) 1,2-Dichloropropane	9.08	63	326427	51.919	ug/l	99
46) Dibromomethane	9.17	93	211418	51.856	ug/l	98
47) Bromodichloromethane	9.37	83	440904	51.893	ug/l	98
48) Methyl methacrylate	9.16	41	329597	51.662	ug/l	99
49) 1,4-Dioxane	9.16	88	94047	952.101	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1963322	266.445	ug/l	100
52) Toluene	10.12	92	731677	52.282	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	489571	52.840	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	533132	53.443	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	280994	51.240	ug/l	98
56) Ethyl methacrylate	10.40	69	441472	52.939	ug/l	99
57) 1,3-Dichloropropane	10.68	76	502038	52.390	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1132452	253.167	ug/l	99
59) 2-Hexanone	10.72	43	1457495	268.199	ug/l	100
60) Dibromochloromethane	10.87	129	329506	54.718	ug/l	97
61) 1,2-Dibromoethane	10.98	107	294168	51.455	ug/l	100
64) Tetrachloroethene	10.60	164	311891	53.992	ug/l	98
65) Chlorobenzene	11.41	112	769722	50.704	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	288962	52.244	ug/l	99
67) Ethyl Benzene	11.48	91	1455198	53.395	ug/l	98
68) m/p-Xylenes	11.59	106	1075154	106.652	ug/l	98
69) o-Xylene	11.92	106	519238	53.671	ug/l	99
70) Styrene	11.94	104	880697	54.772	ug/l	100
71) Bromoform	12.10	173	207996	54.370	ug/l #	99
73) Isopropylbenzene	12.23	105	1387441	50.374	ug/l	100
74) N-amyl acetate	12.05	43	614093	54.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	388394	49.238	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	555091	73.684	ug/l #	100
77) Bromobenzene	12.50	156	315583	49.847	ug/l	99
78) n-propylbenzene	12.57	91	1661116	53.089	ug/l	99
79) 2-Chlorotoluene	12.65	91	976948	50.780	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1193803	52.199	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	144313	51.470	ug/l	99
82) 4-Chlorotoluene	12.75	91	1027644	50.956	ug/l	99
83) tert-Butylbenzene	12.97	119	952427	49.104	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	1204967	52.271	ug/l	100
85) sec-Butylbenzene	13.15	105	1306332	52.938	ug/l	100
86) p-Isopropyltoluene	13.26	119	1187160	52.476	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	590154	50.988	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	594230	53.766	ug/l	99
89) n-Butylbenzene	13.59	91	1098426	53.786	ug/l	100
90) Hexachloroethane	13.85	117	206384	55.461	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	582316	50.904	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	89396	49.837	ug/l	100

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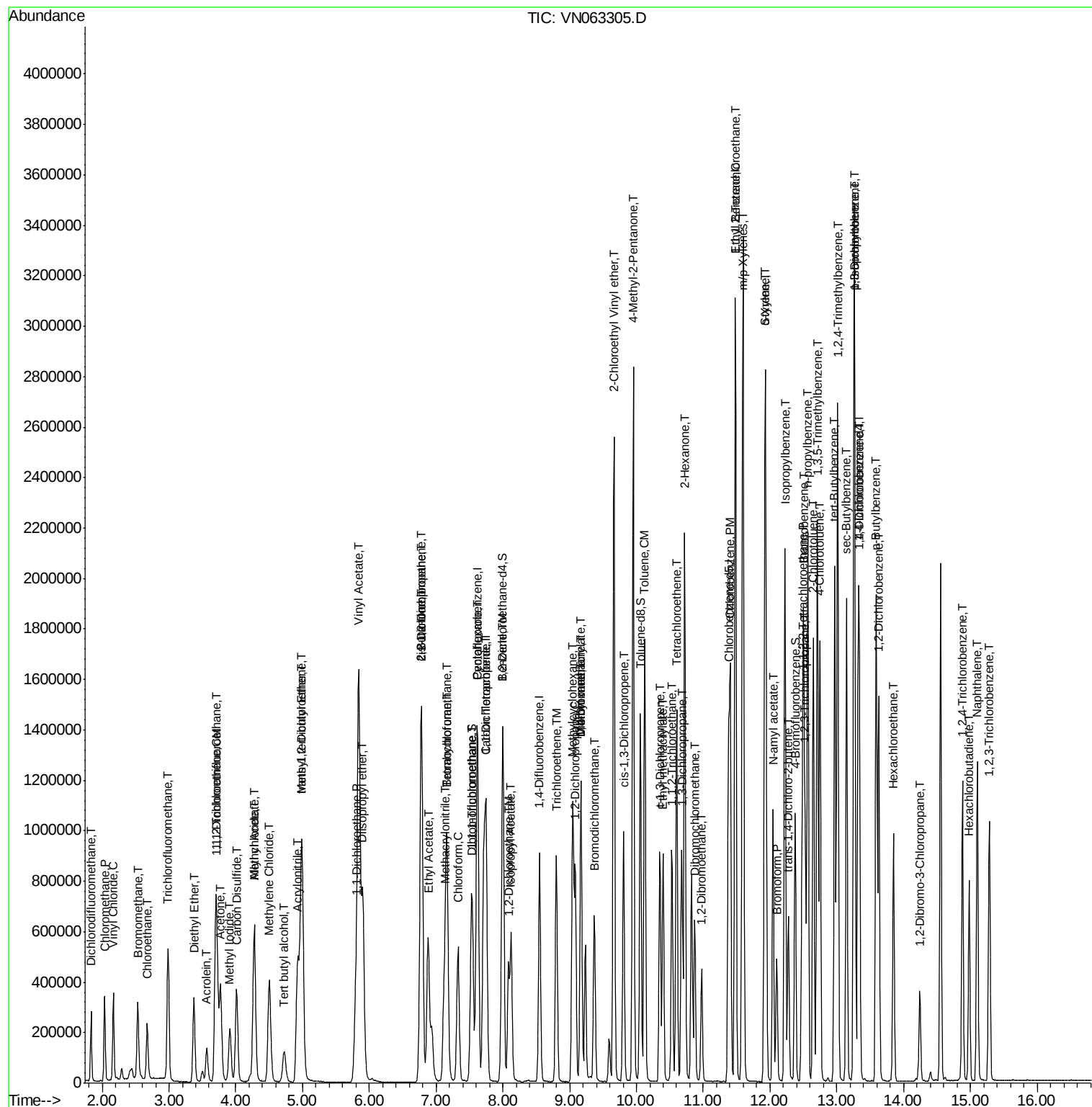
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	340483	50.849	ug/l	98
94) Hexachlorobutadiene	14.98	225	132509	55.027	ug/l	98
95) Naphthalene	15.11	128	1031935	51.284	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	320448	53.385	ug/l	99

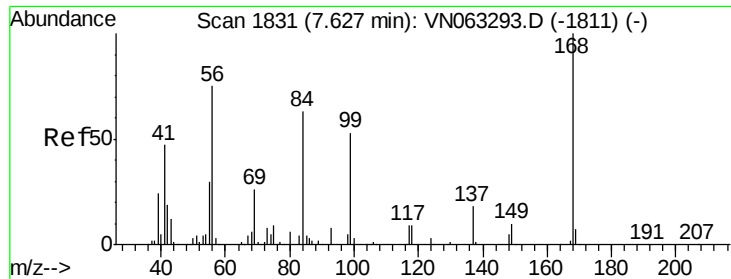
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

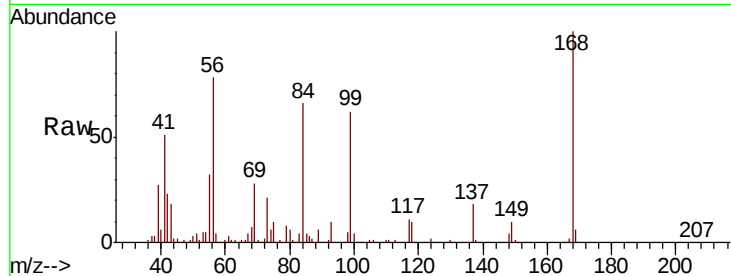
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 447332

Ion Ratio Lower Upper

168 100

99 62.1 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

200000

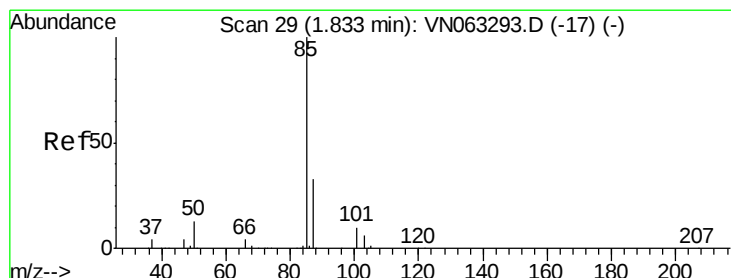
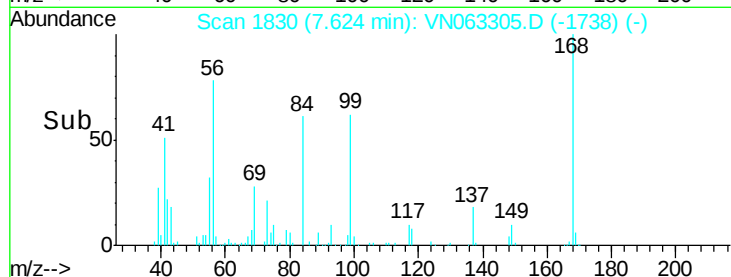
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.758 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063305.D

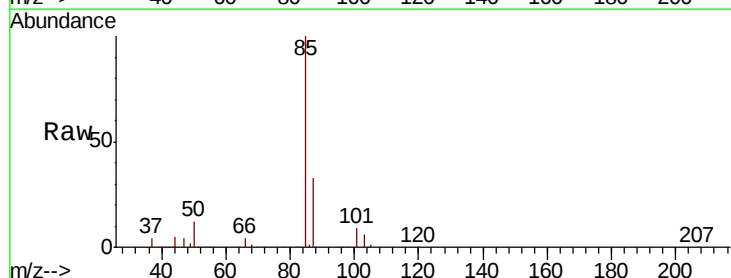
Acq: 11 Sep 2020 10:32

Tgt Ion: 85 Resp: 205177

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

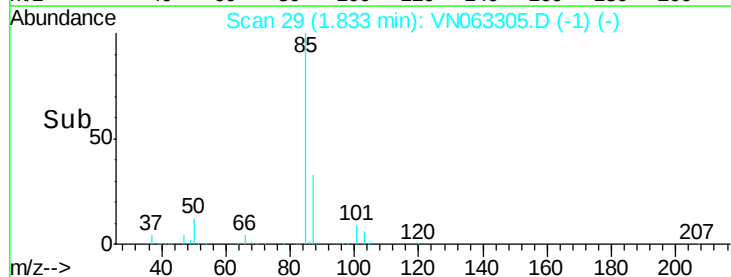
150000

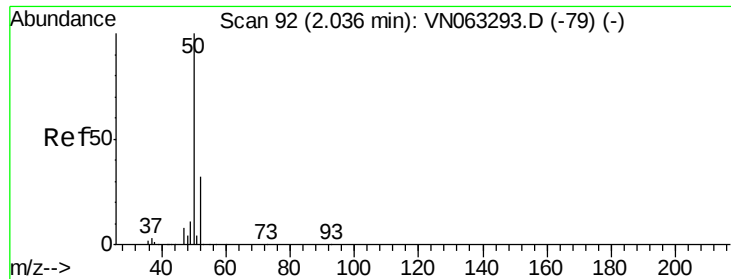
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 53.625 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

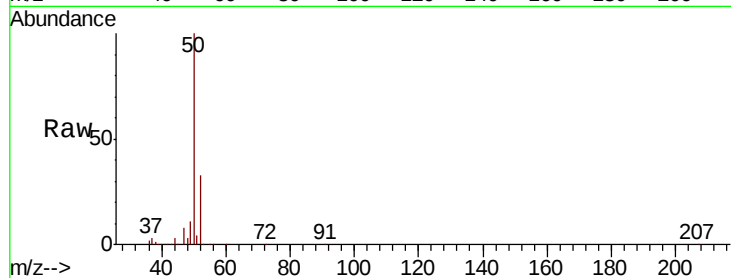
ClientSampleId :

Tot Ion: 50 Resp: 300645

Ion Ratio Lower Upper

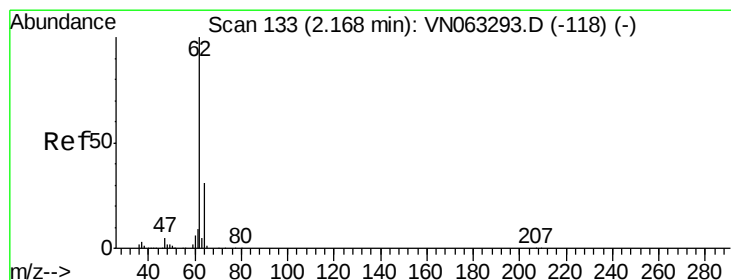
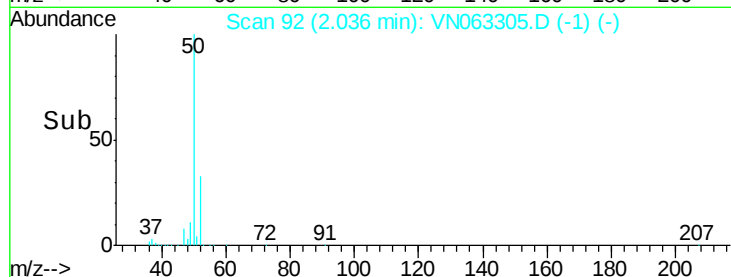
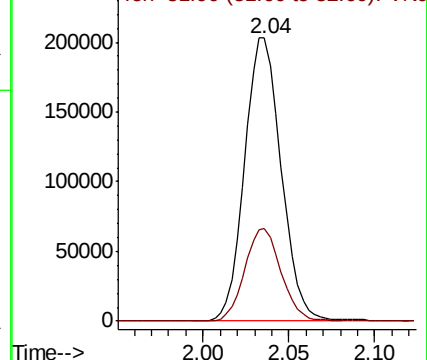
50 100

52 32.6 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 51.204 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063305.D

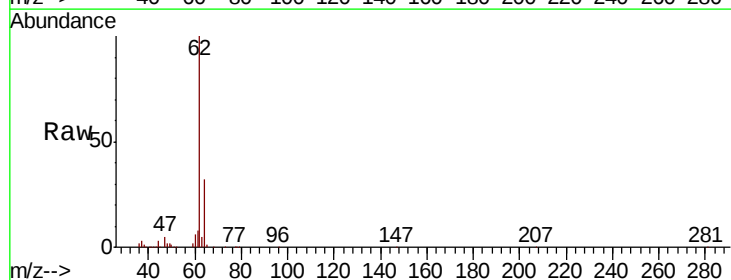
Acq: 11 Sep 2020 10:32

Tgt Ion: 62 Resp: 311226

Ion Ratio Lower Upper

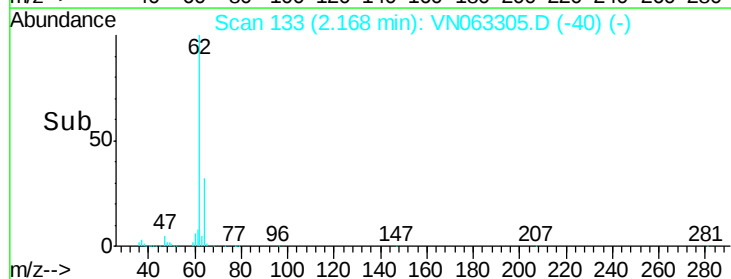
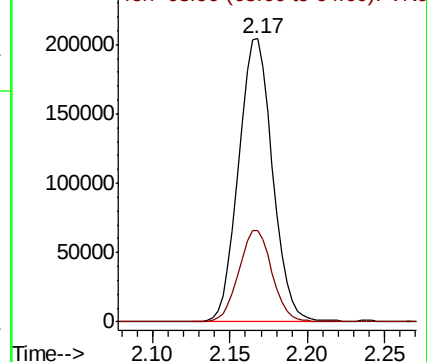
62 100

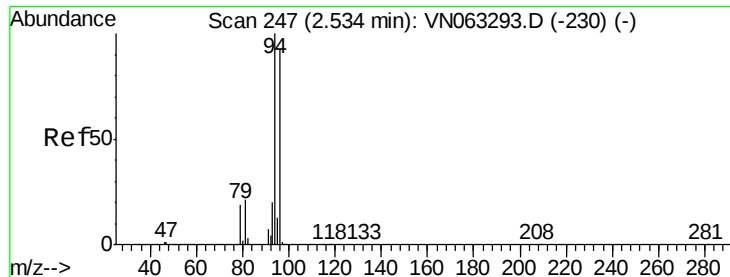
64 32.3 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 48.378 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

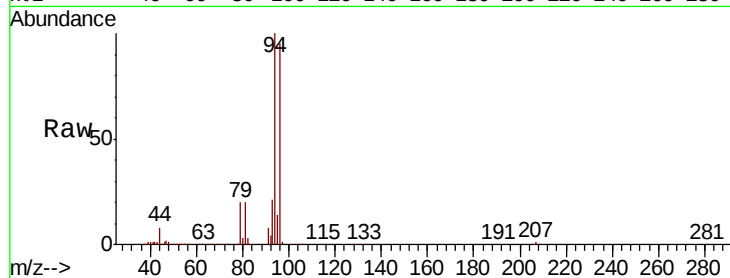
ClientSampled :

Tot Ion: 94 Resp: 205153

Ion Ratio Lower Upper

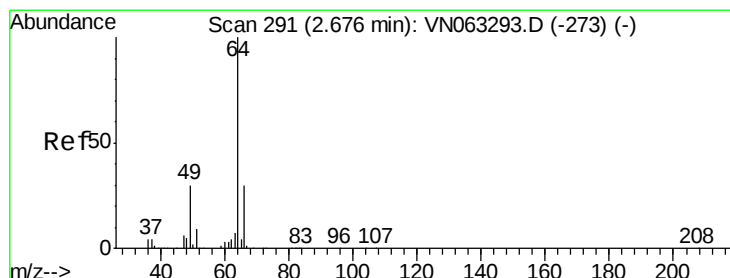
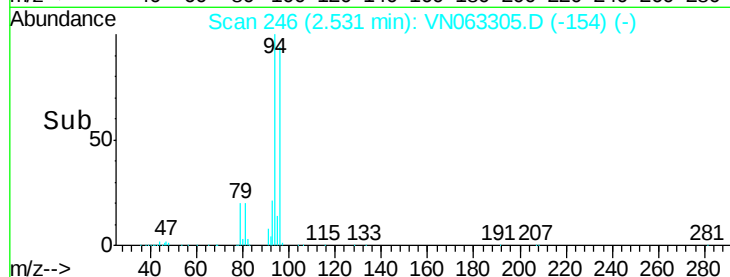
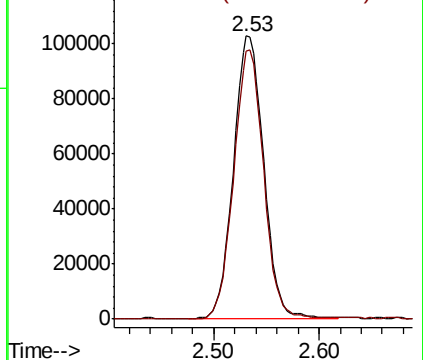
94 100

96 94.5 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN063305.D (-154) (-)

Ion 95.90 (95.60 to 96.60): VN063305.D (-154) (-)



#6

Chloroethane

Concen: 49.670 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN063305.D

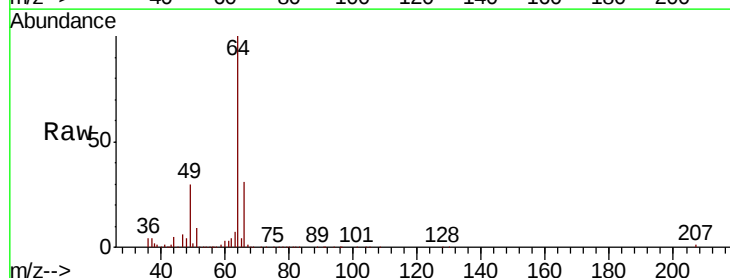
Acq: 11 Sep 2020 10:32

Tgt Ion: 64 Resp: 197491

Ion Ratio Lower Upper

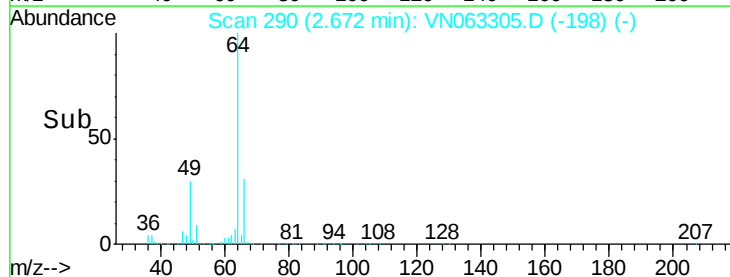
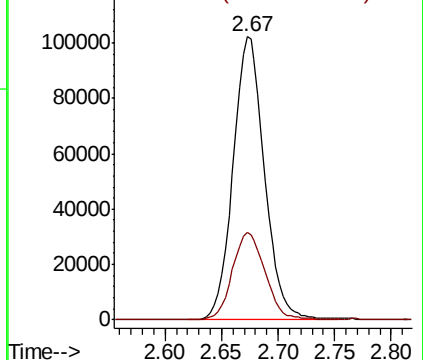
64 100

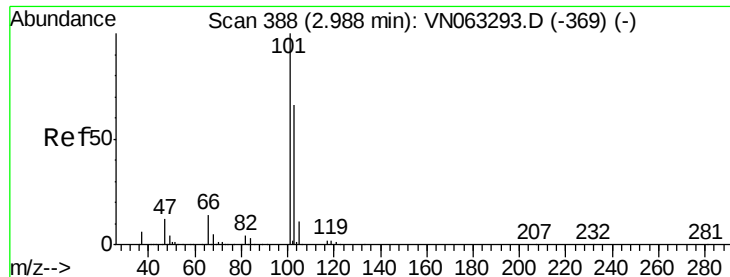
66 30.8 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VN063305.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN063305.D (-198) (-)



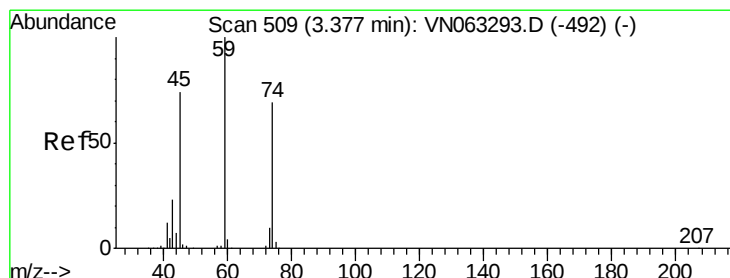
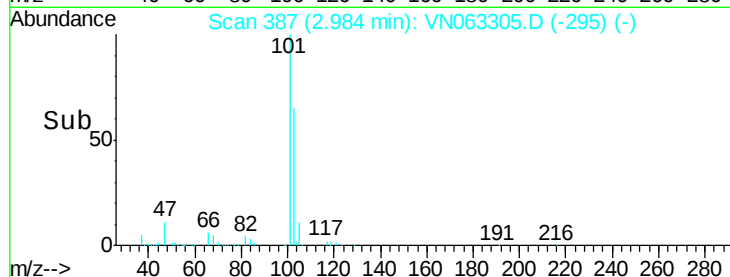
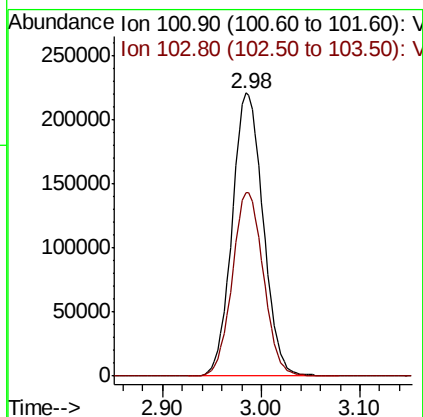
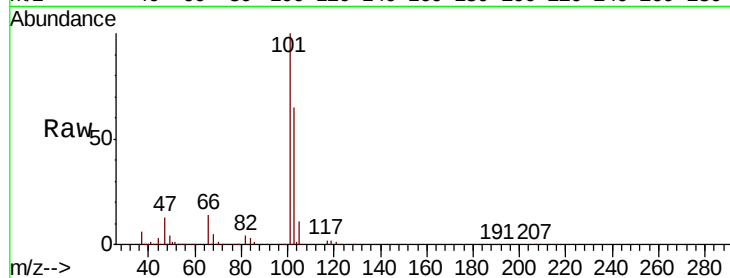


#7

Trichlorofluoromethane
Concen: 51.403 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampled :

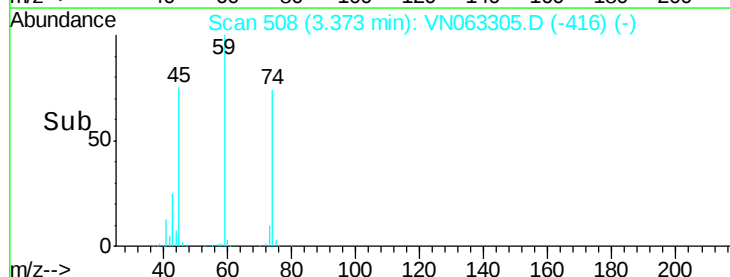
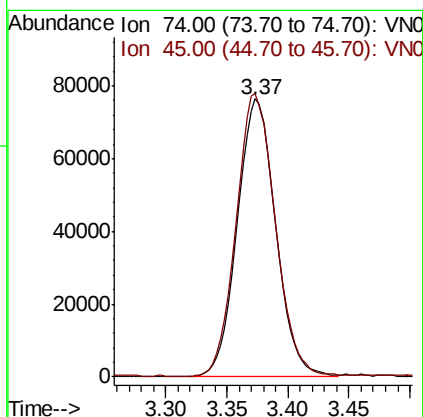
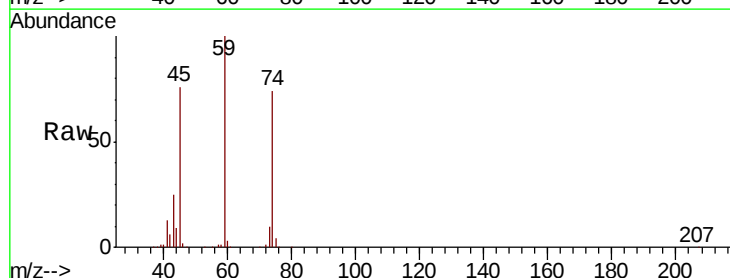
Tot Ion:101 Resp: 483158
Ion Ratio Lower Upper
101 100
103 64.9 52.4 78.6

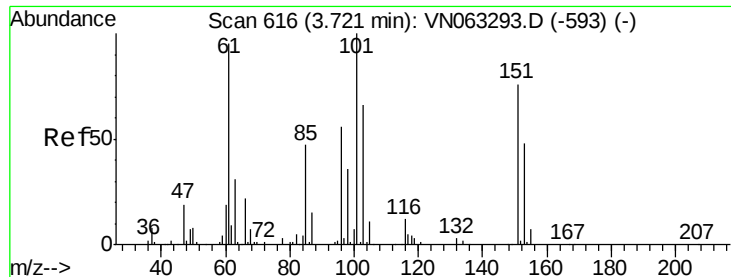


#8

Diethyl Ether
Concen: 49.703 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 74 Resp: 166581
Ion Ratio Lower Upper
74 100
45 103.4 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.930 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

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ClientSampleId :

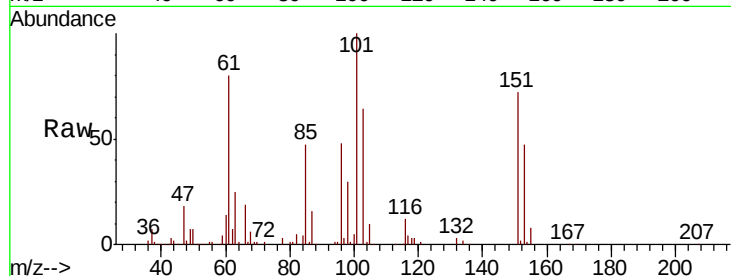
Tot Ion:101 Resp: 250106

Ion Ratio Lower Upper

101 100

85 46.5 36.9 55.3

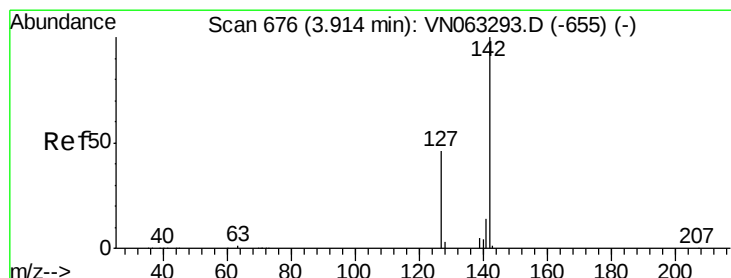
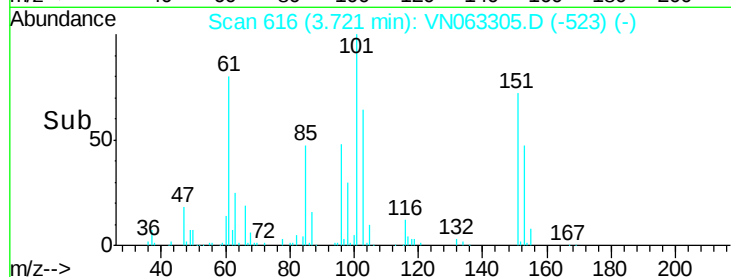
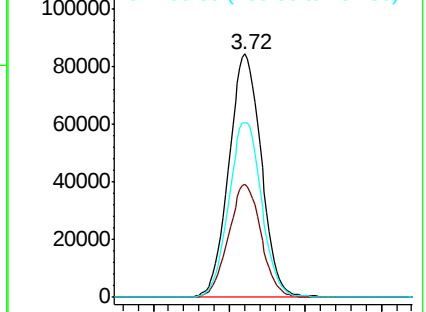
151 72.6 57.8 86.8



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: 52.152 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

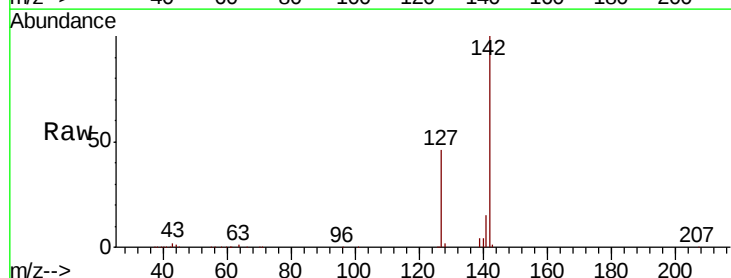
Tgt Ion:142 Resp: 331990

Ion Ratio Lower Upper

142 100

127 46.9 37.1 55.7

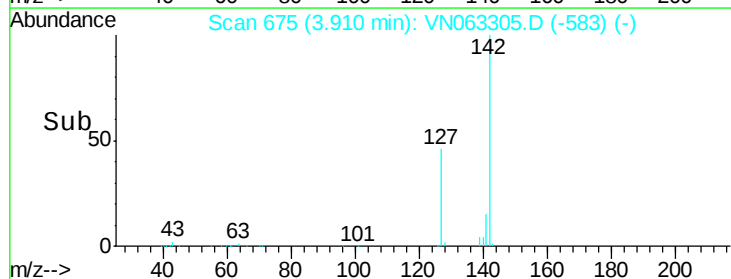
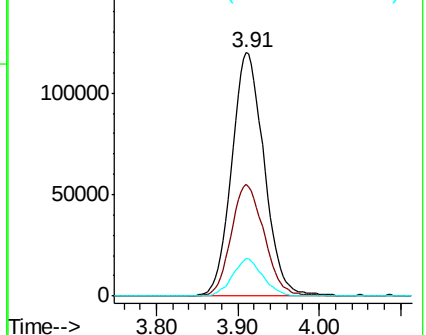
141 14.4 11.6 17.4

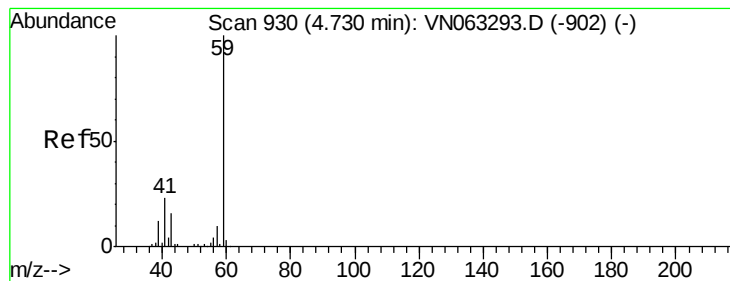


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



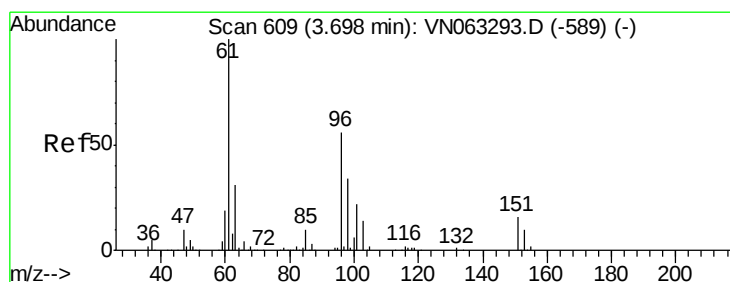
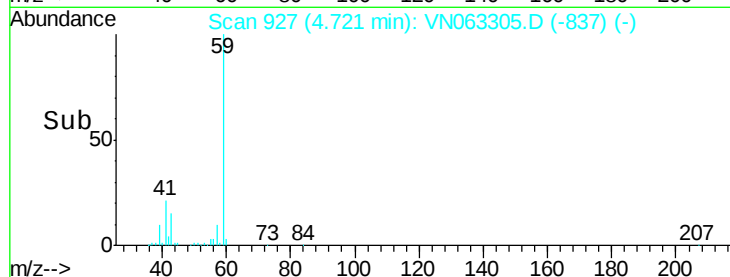
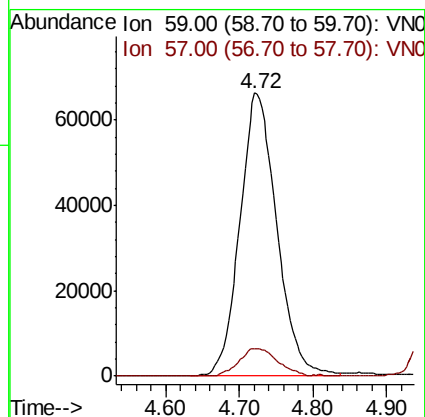
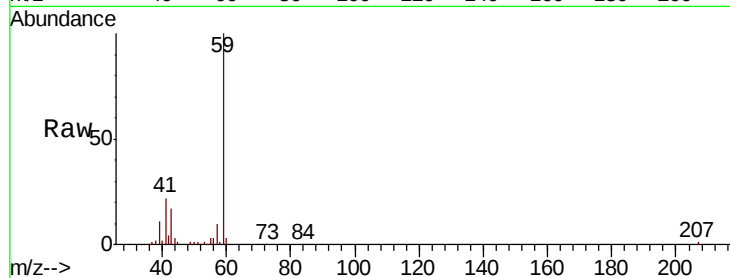


#11

Tert butyl alcohol
 Concen: 249.210 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :

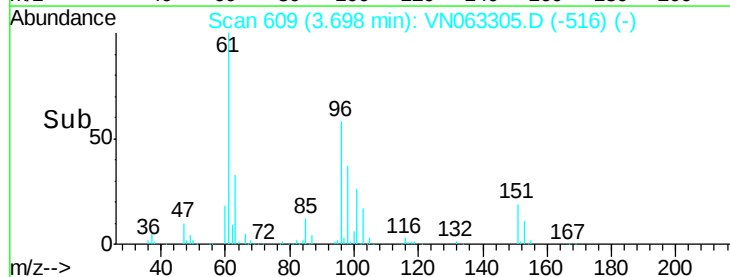
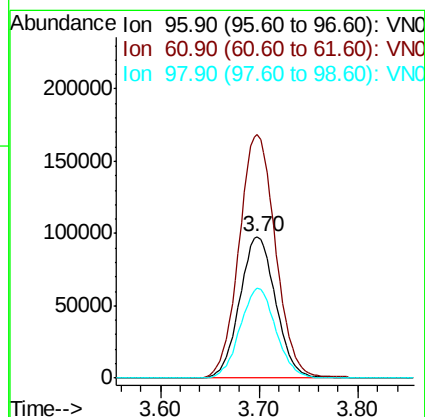
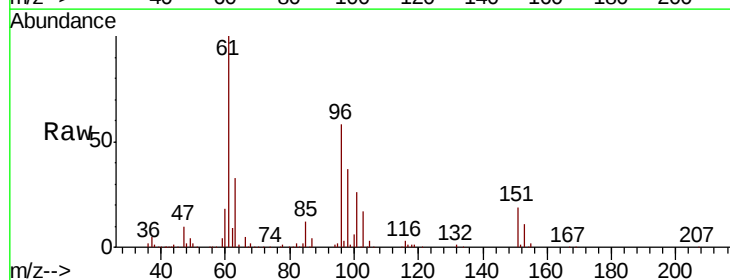
Tot Ion: 59 Resp: 231571
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

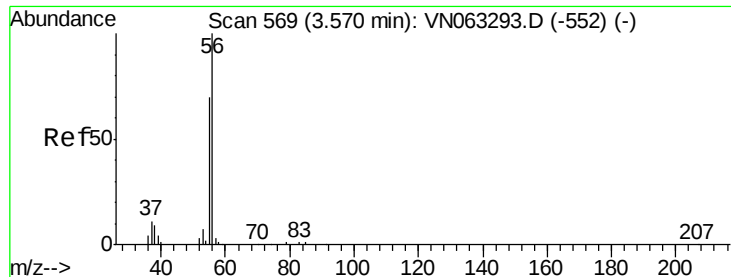


#12

1,1-Dichloroethene
 Concen: 50.487 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion: 96 Resp: 247485
 Ion Ratio Lower Upper
 96 100
 61 171.7 142.1 213.1
 98 63.1 48.8 73.2





#13

Acrolein

Concen: 288.916 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

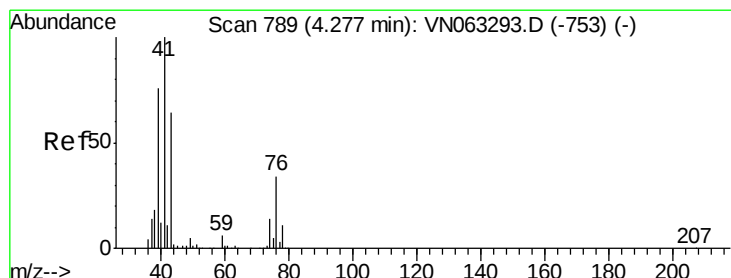
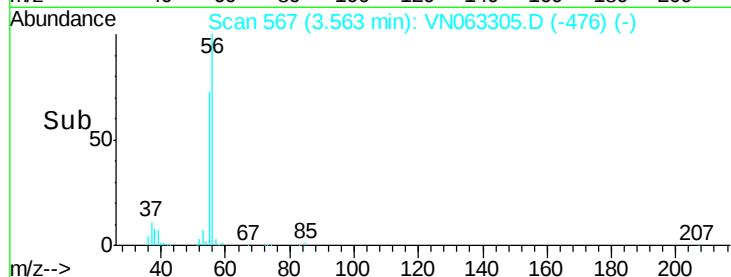
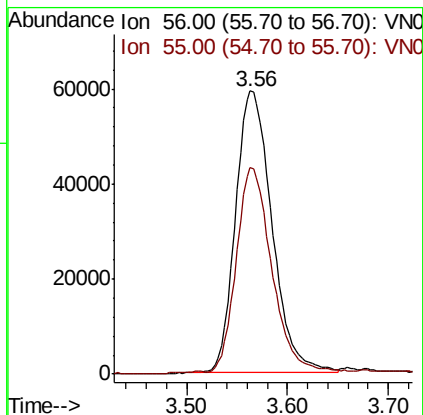
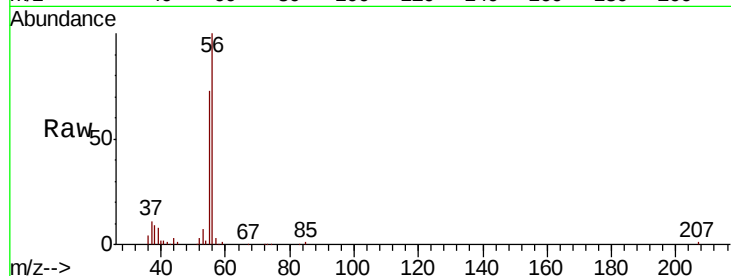
ClientSampleId :

Tot Ion: 56 Resp: 149292

Ion Ratio Lower Upper

56 100

55 69.7 57.2 85.8



#14

Allyl chloride

Concen: 48.797 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

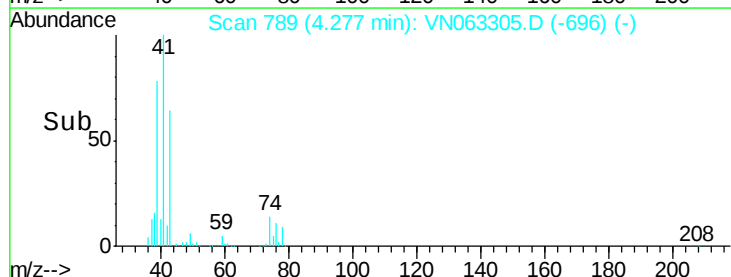
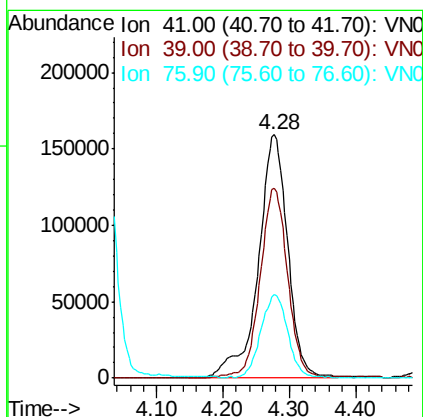
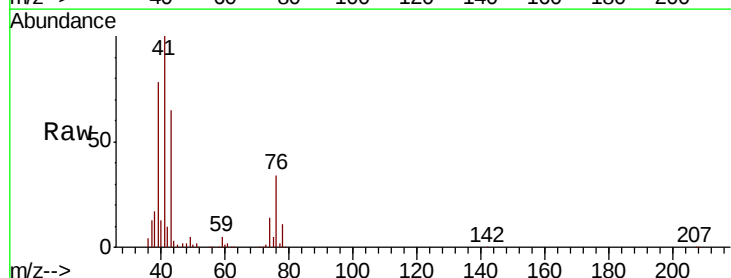
Tgt Ion: 41 Resp: 491047

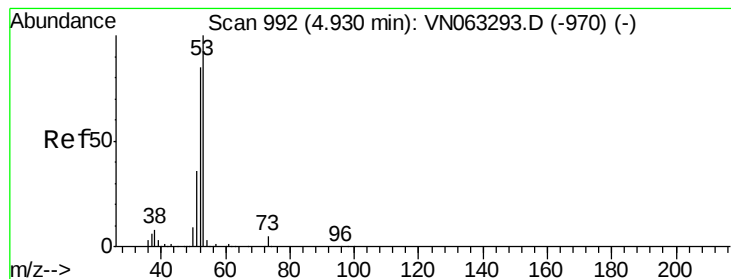
Ion Ratio Lower Upper

41 100

39 73.3 57.4 86.2

76 31.0 25.7 38.5





#15

Acrylonitrile

Concen: 251.347 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampled :

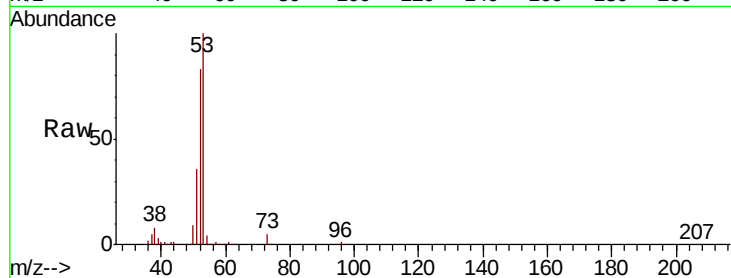
Tot Ion: 53 Resp: 638581

Ion Ratio Lower Upper

53 100

52 82.7 66.5 99.7

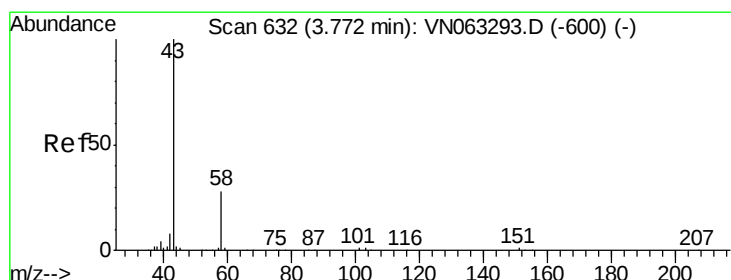
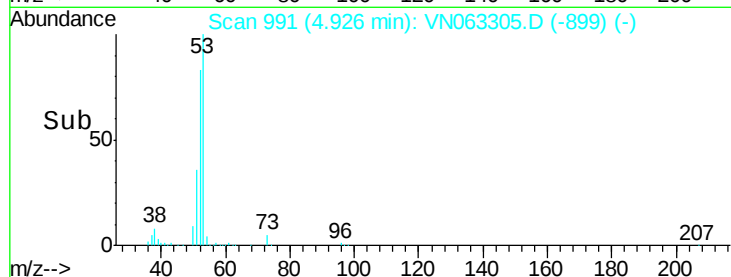
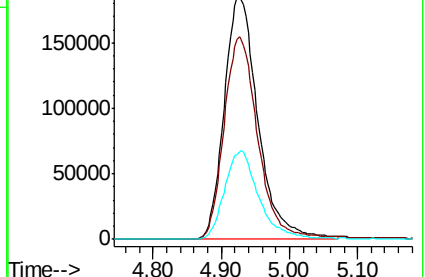
51 36.7 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VN063305.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063305.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063305.D (-899) (-)



#16

Acetone

Concen: 252.277 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN063305.D

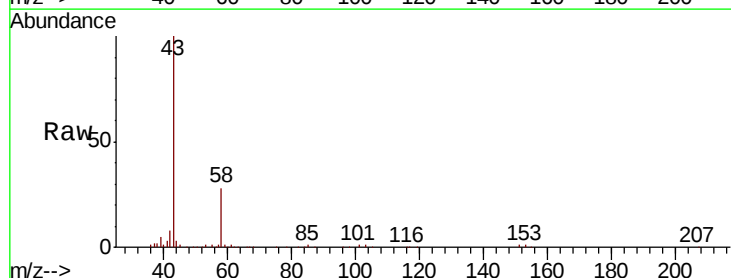
Acq: 11 Sep 2020 10:32

Tgt Ion: 43 Resp: 612241

Ion Ratio Lower Upper

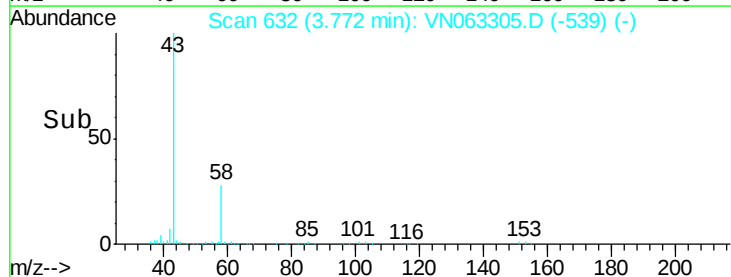
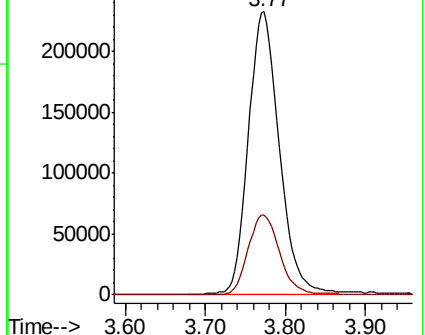
43 100

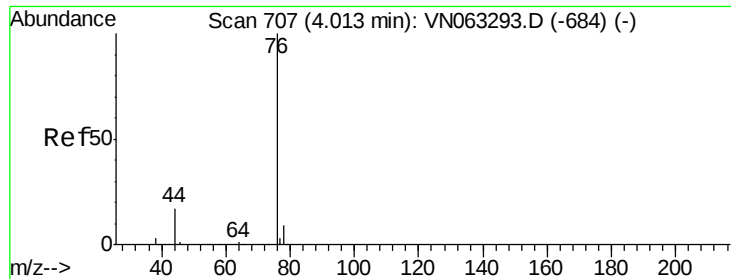
58 28.3 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VN063305.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063305.D (-539) (-)

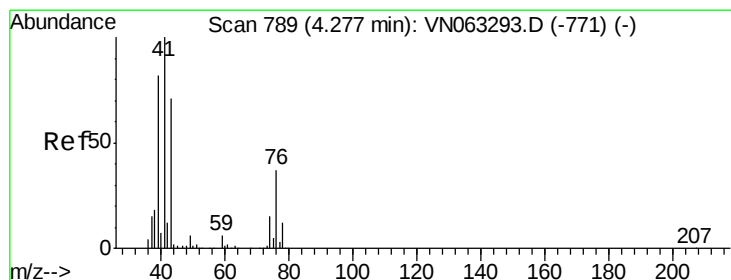
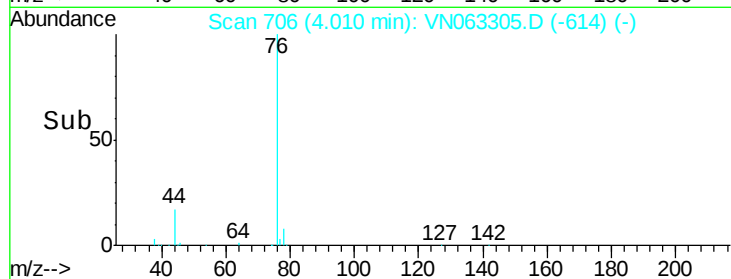
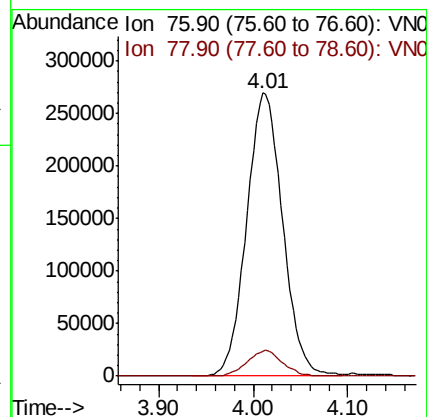
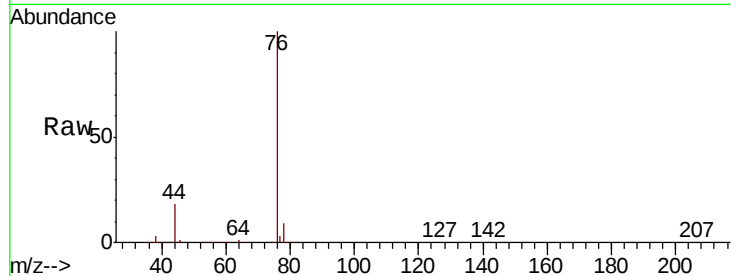




#17
Carbon Disulfide
Concen: 51.441 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

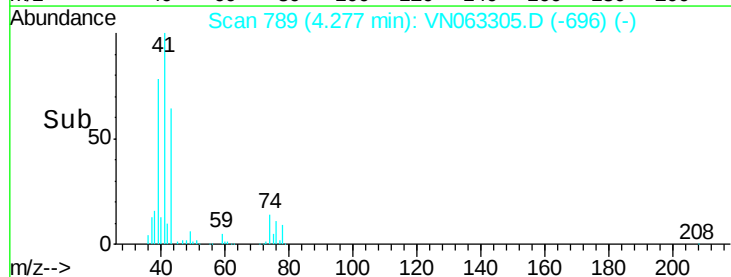
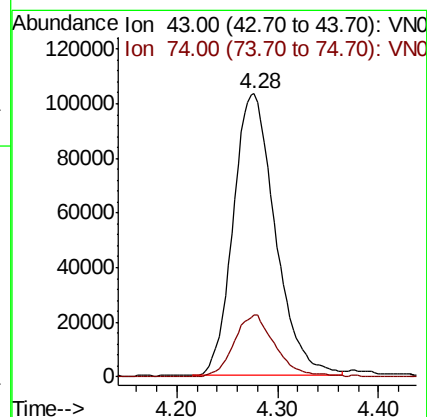
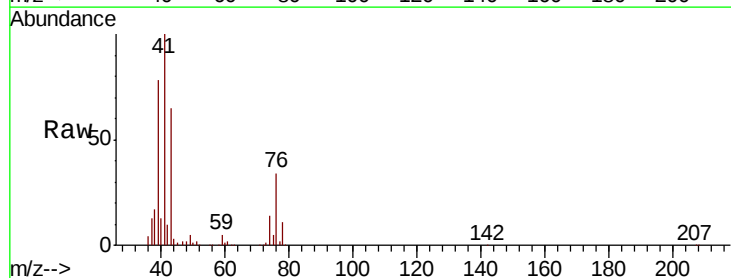
Instrument :
MSVOA_N
ClientSampleId :

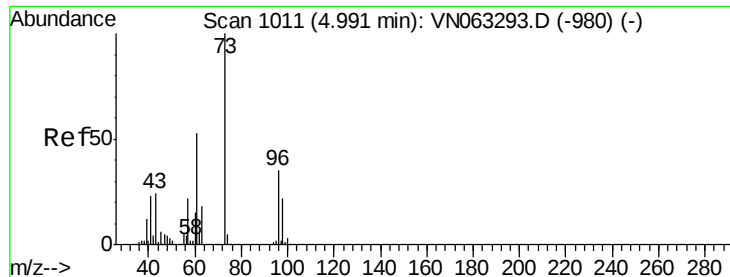
Tot Ion: 76 Resp: 713435
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 49.013 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 43 Resp: 299015
Ion Ratio Lower Upper
43 100
74 21.7 17.8 26.6



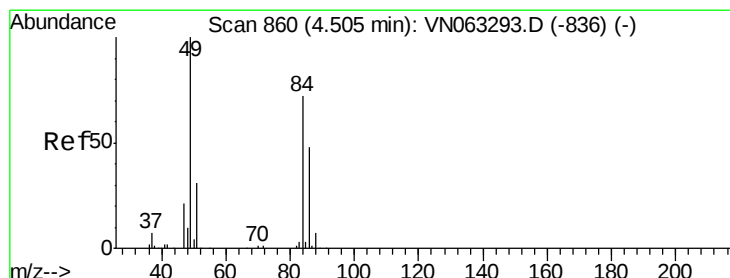
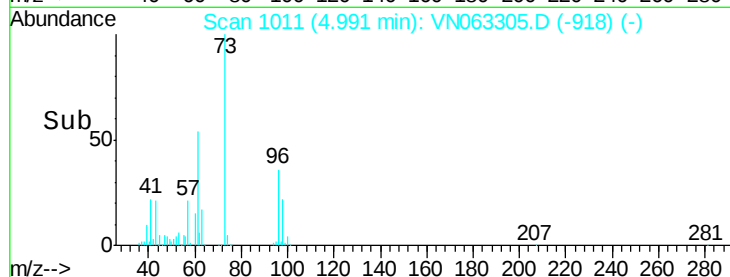
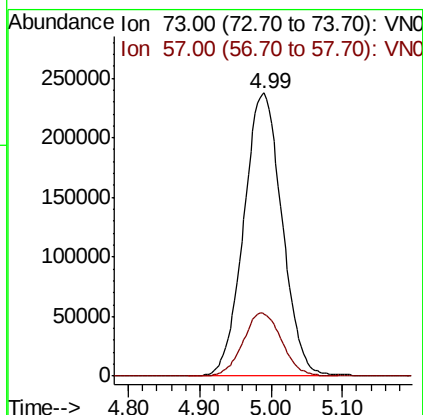
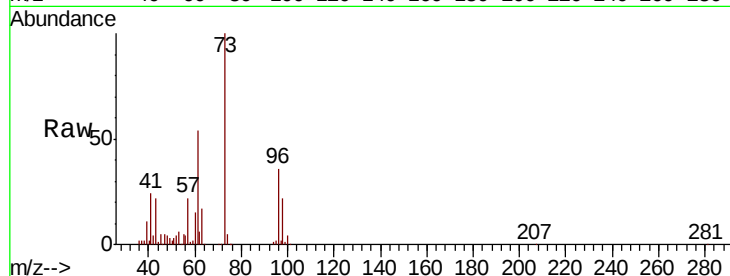


#19

Methyl tert-butyl Ether
 Concen: 50.616 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Instrument :
 MSVOA_N
 ClientSampled :

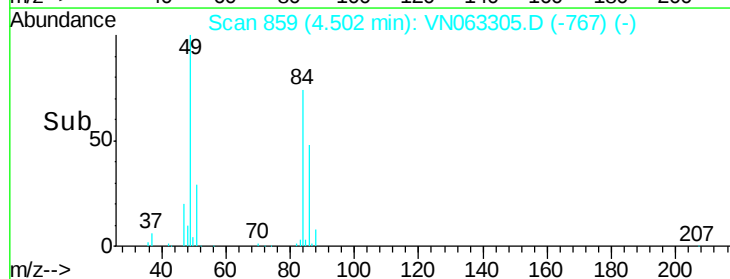
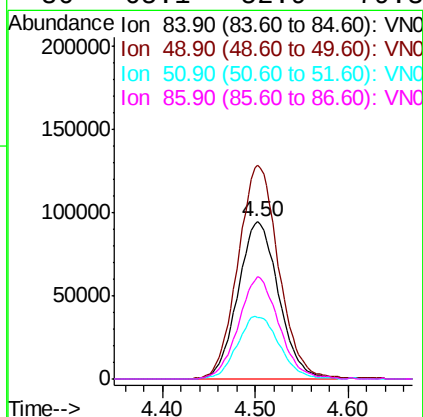
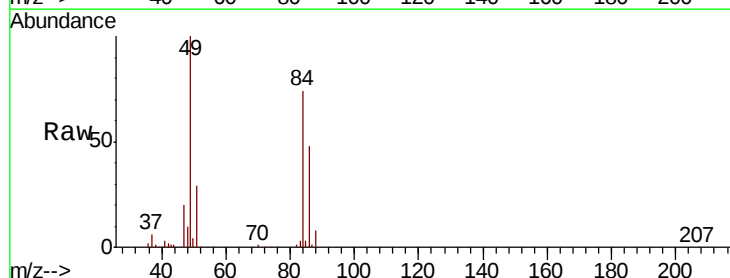
Tot Ion: 73 Resp: 886606
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.5 26.3

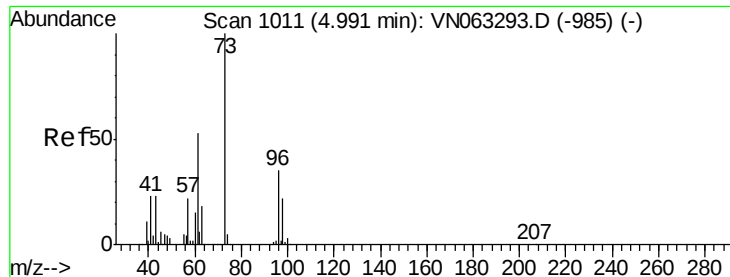


#20

Methylene Chloride
 Concen: 52.330 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion: 84 Resp: 288811
 Ion Ratio Lower Upper
 84 100
 49 135.7 111.1 166.7
 51 39.5 34.3 51.5
 86 65.1 52.9 79.3



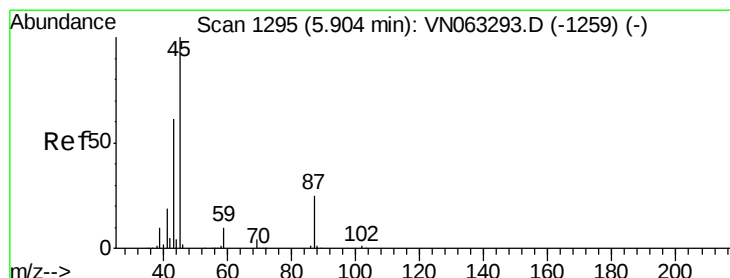
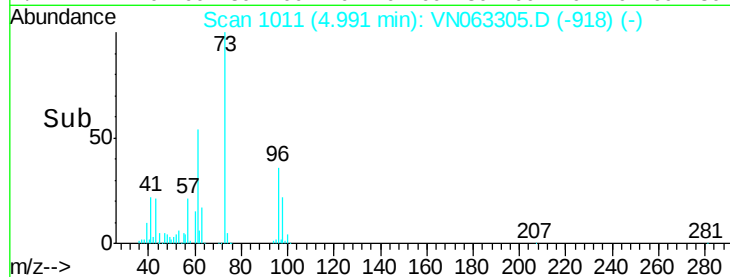
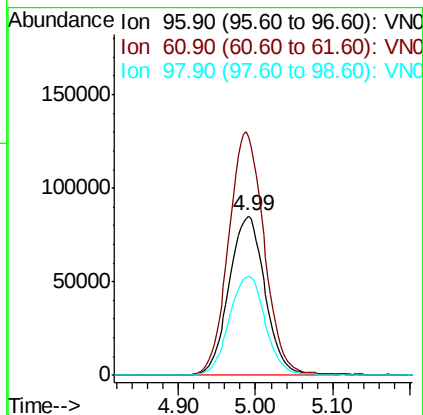
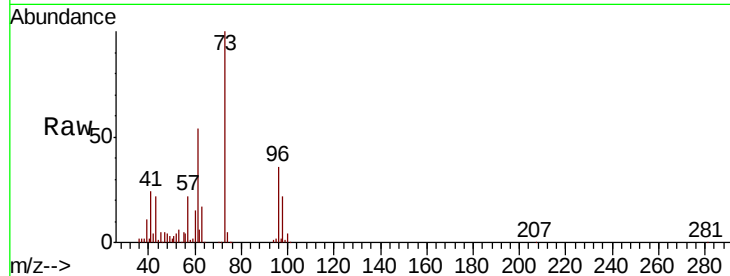


#21

trans-1,2-Dichloroethene
Concen: 50.116 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :

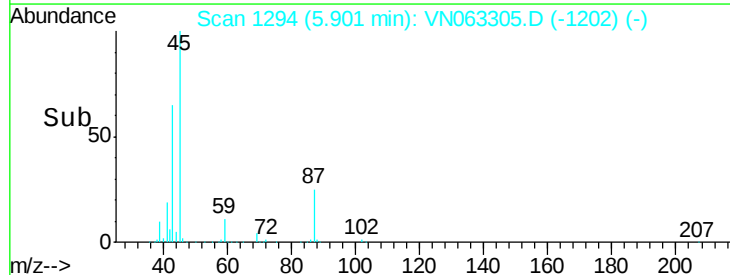
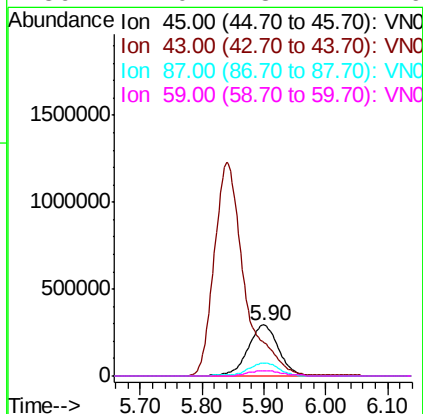
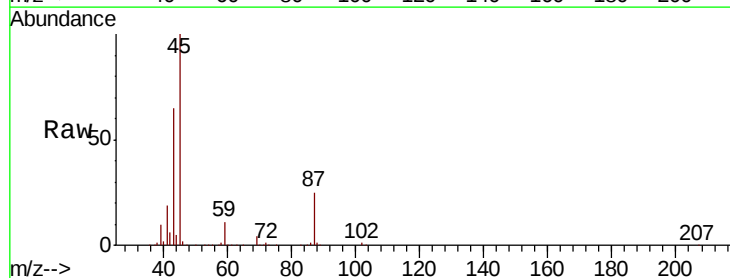
Tot Ion: 96 Resp: 274923
Ion Ratio Lower Upper
96 100
61 149.6 121.8 182.8
98 61.9 51.2 76.8

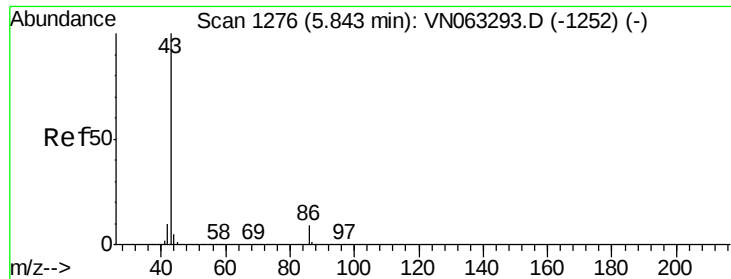


#22

Diisopropyl ether
Concen: 50.920 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 45 Resp: 1008406
Ion Ratio Lower Upper
45 100
43 64.6 50.3 75.5
87 25.3 20.7 31.1
59 11.0 8.4 12.6

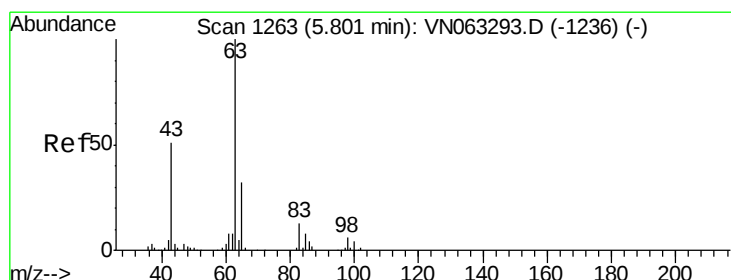
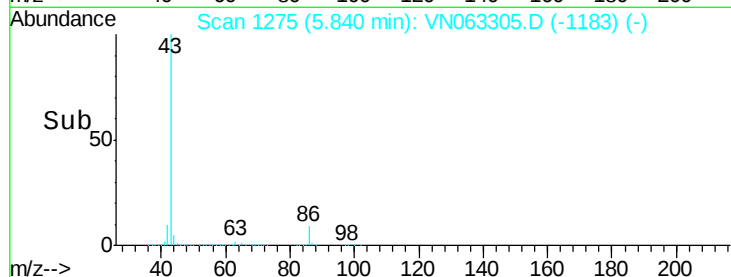
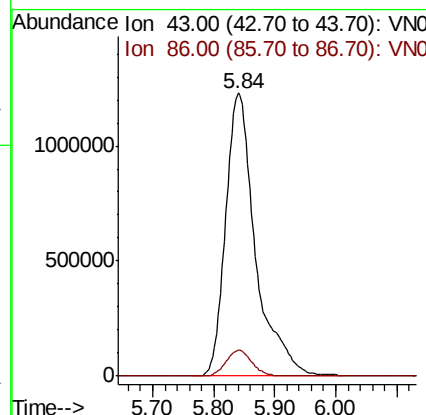
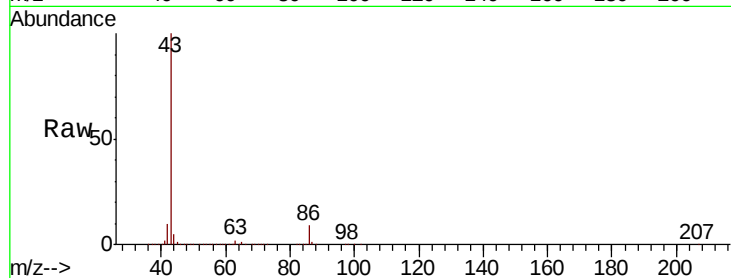




#23
 Vinyl Acetate
 Concen: 268.142 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

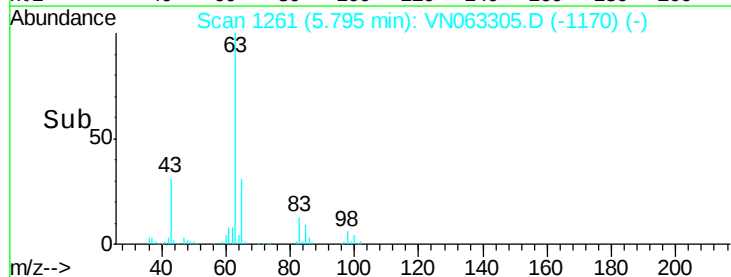
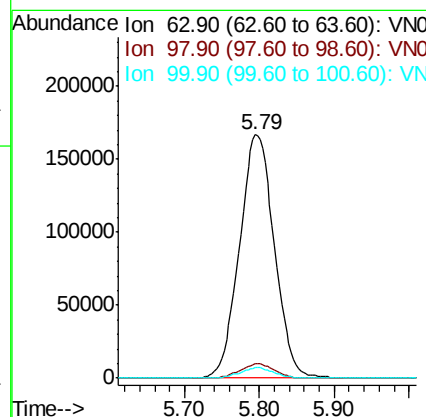
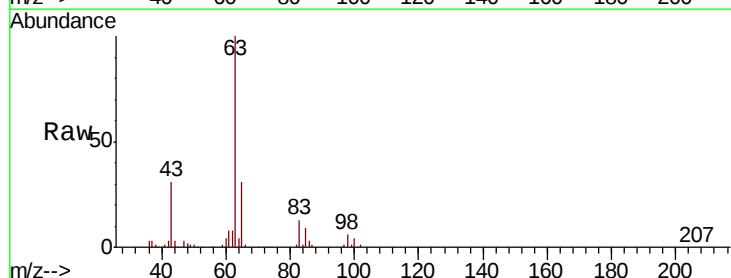
Instrument :
 MSVOA_N
 ClientSampled :

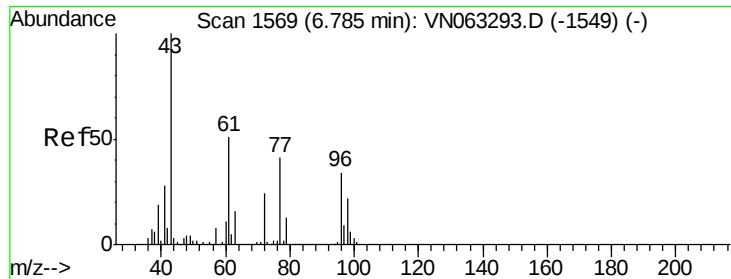
Tot Ion: 43 Resp: 4179754
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.2 10.8



#24
 1,1-Dichloroethane
 Concen: 50.434 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion: 63 Resp: 540874
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.1 9.3
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 257.961 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

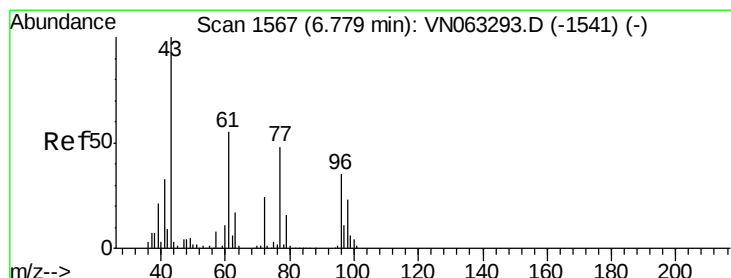
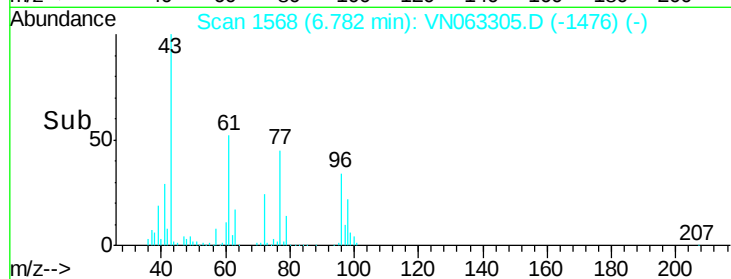
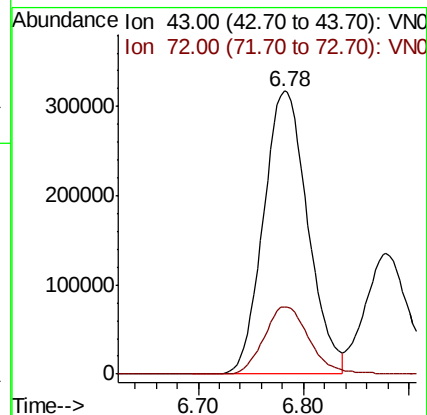
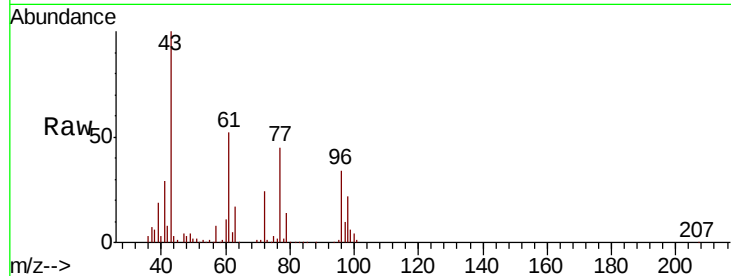
ClientSampled :

Tot Ion: 43 Resp: 924768

Ion Ratio Lower Upper

43 100

72 23.9 19.4 29.2



#26

2,2-Dichloropropane

Concen: 50.498 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063305.D

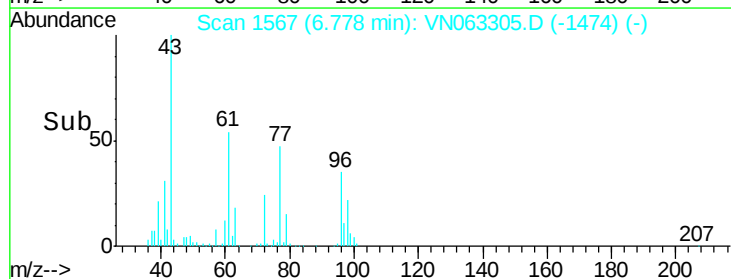
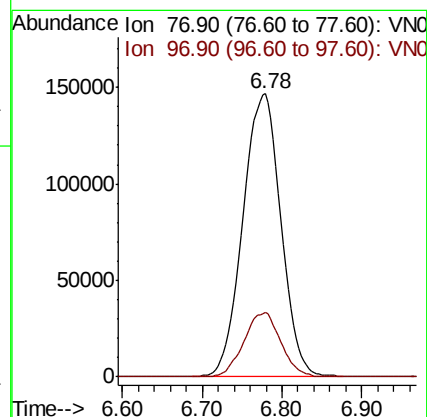
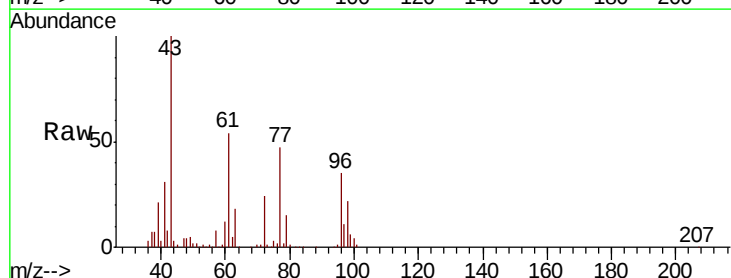
Acq: 11 Sep 2020 10:32

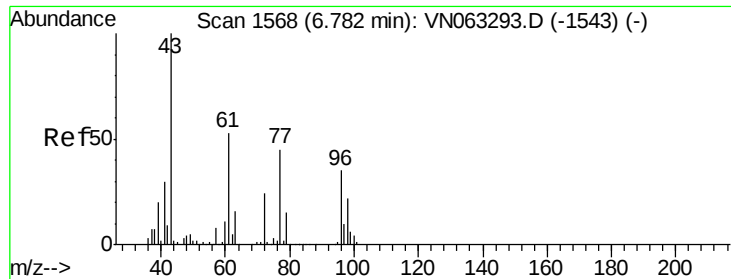
Tgt Ion: 77 Resp: 474670

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 49.699 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

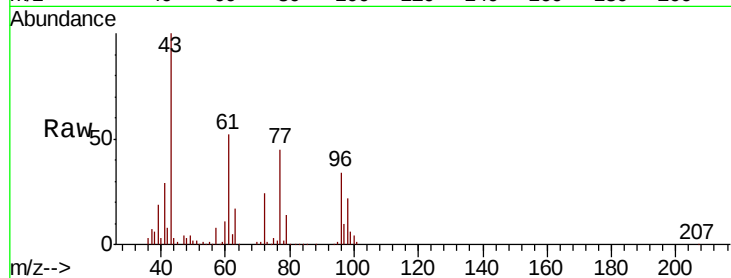
Tot Ion: 96 Resp: 317737

Ion Ratio Lower Upper

96 100

61 158.6 0.0 322.8

98 64.1 0.0 132.2



Abundance Ion 95.90 (95.60 to 96.60): VN063305.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN063305.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN063305.D (-1475) (-)

200000

150000

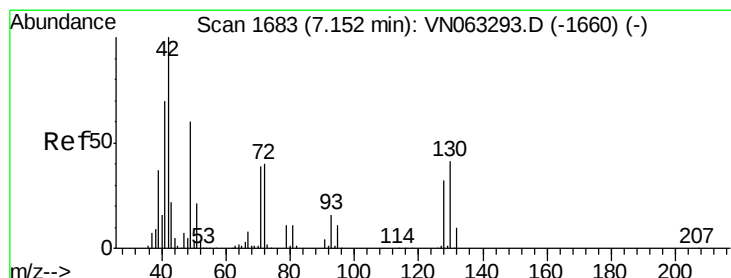
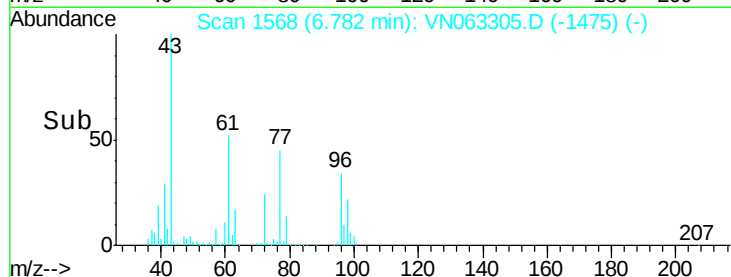
100000

50000

0

6.70 6.80 6.90

Time-->



#28

Bromochloromethane

Concen: 47.895 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

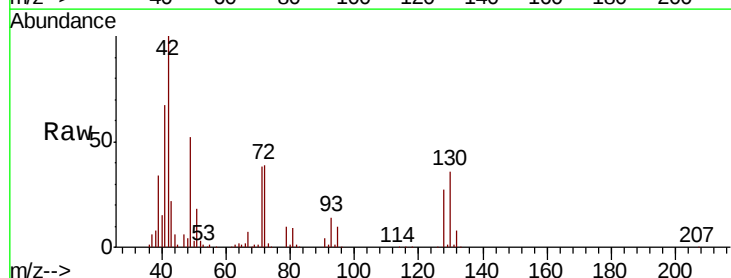
Tgt Ion: 49 Resp: 249072

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

130 67.9 53.1 79.7



Abundance Ion 48.90 (48.60 to 49.60): VN063305.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN063305.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN063305.D (-1590) (-)

120000

100000

80000

60000

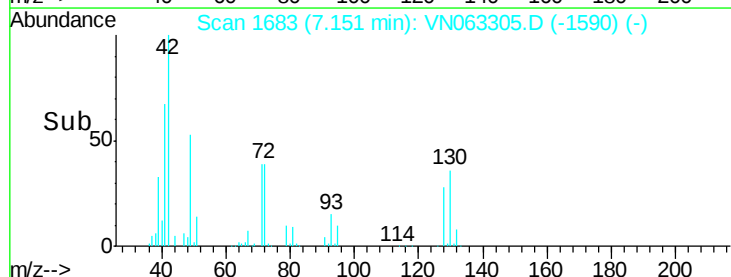
40000

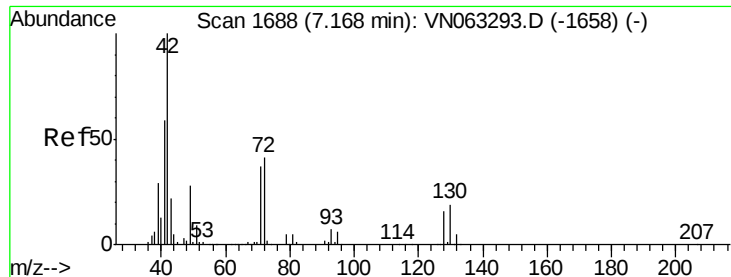
20000

0

7.00 7.10 7.20 7.30

Time-->

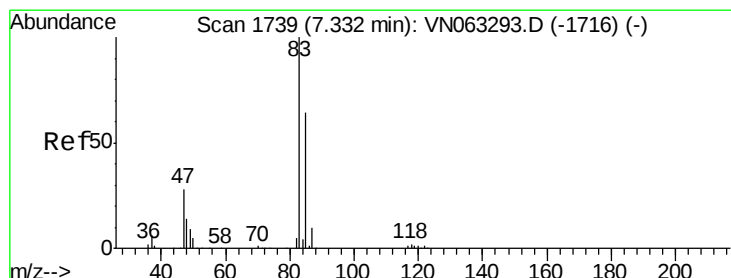
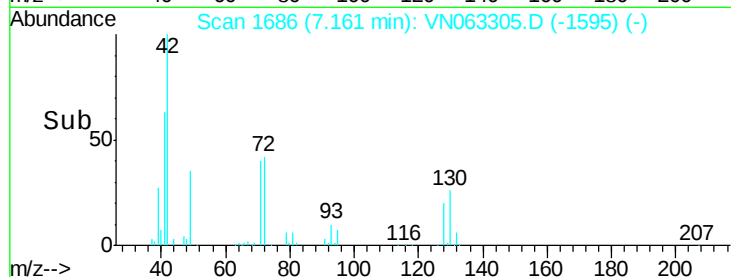
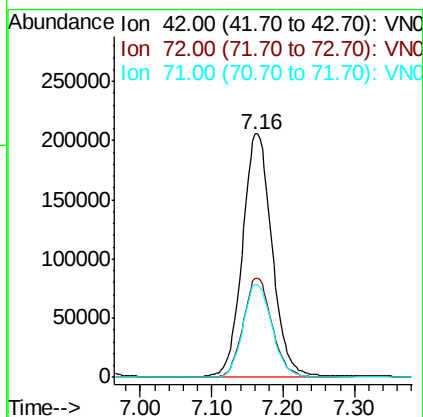
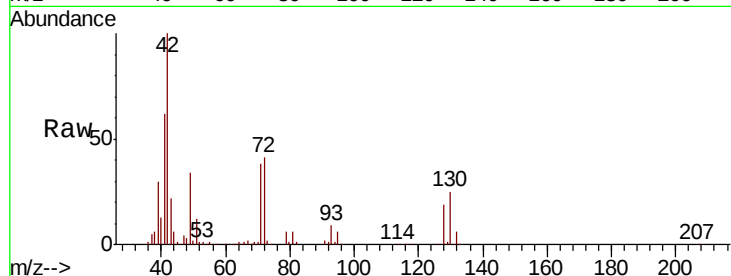




#29
Tetrahydrofuran
Concen: 253.768 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

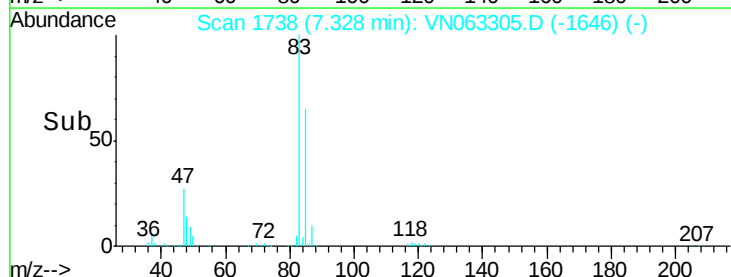
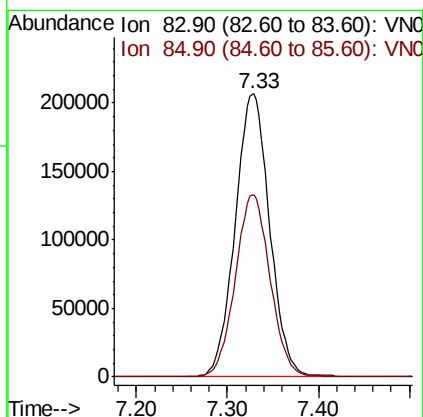
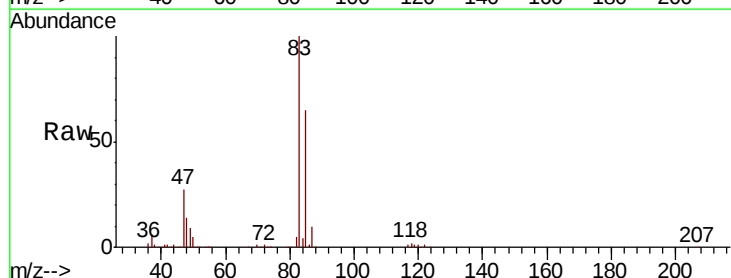
Instrument :
MSVOA_N
ClientSampled :

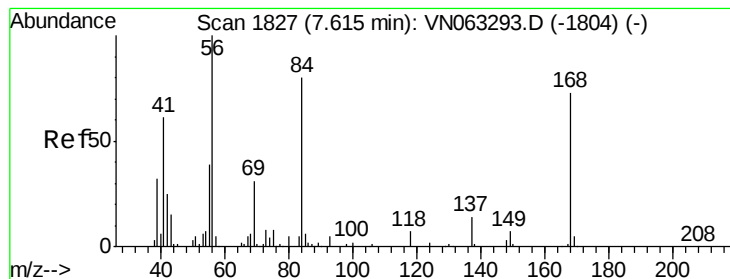
Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	31.4	47.2
71	37.6	30.0	45.0



#30
Chloroform
Concen: 50.684 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.2	76.8





#31

Cyclohexane

Concen: 49.000 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

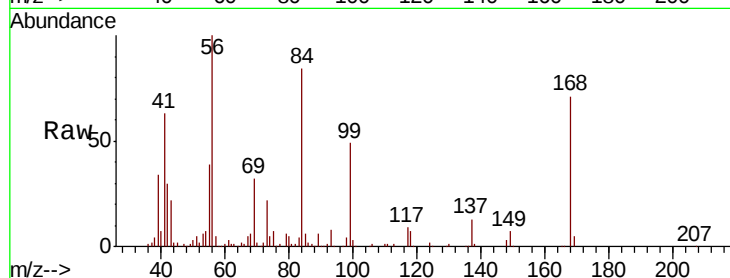
Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 483017

Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.1	37.7
84	82.8	64.2	96.2

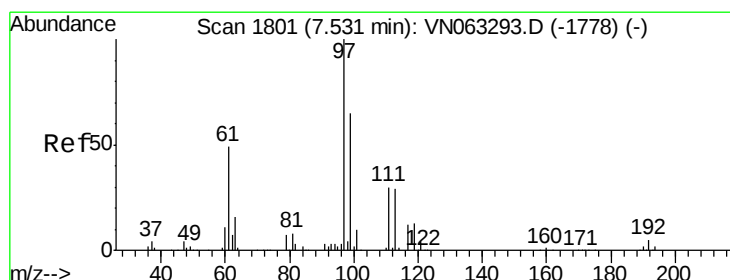
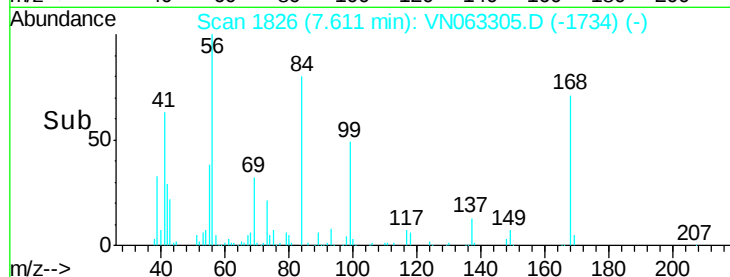
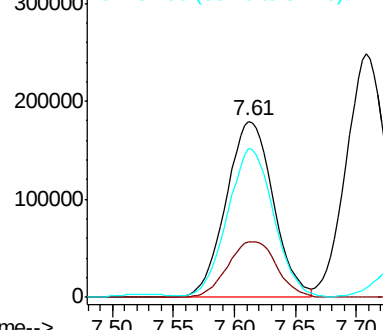


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 50.287 ug/l

RT: 7.53 min Scan# 1800

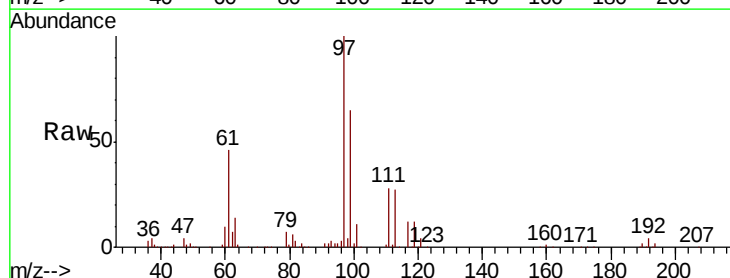
Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Tgt Ion: 97 Resp: 470712

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	47.2	38.9	58.3

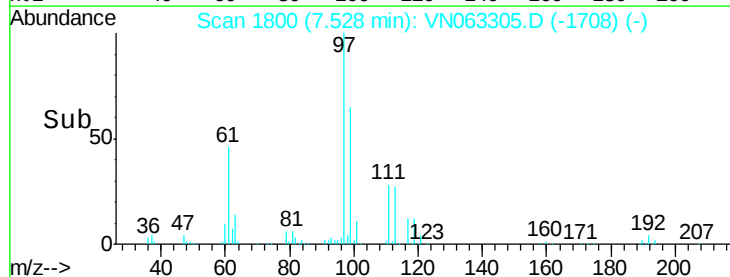
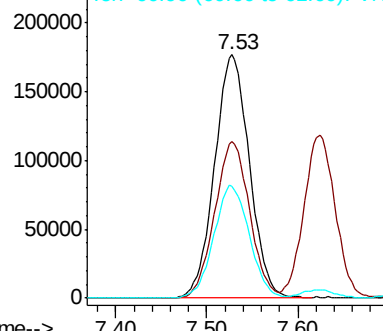


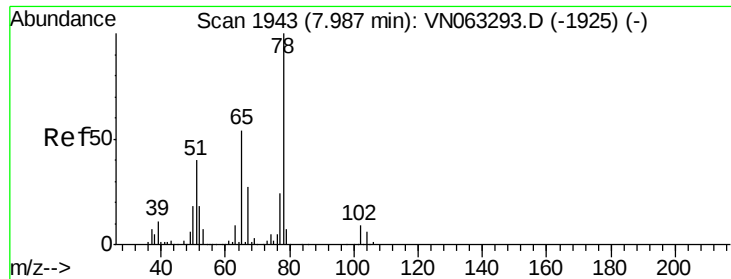
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

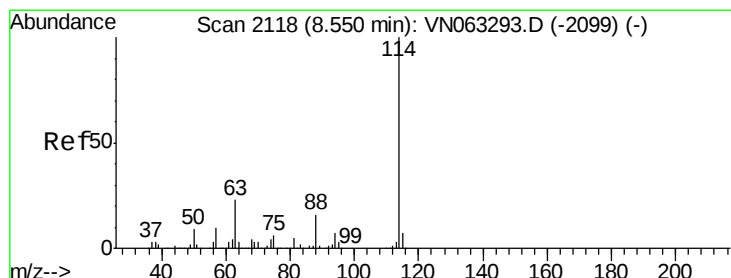
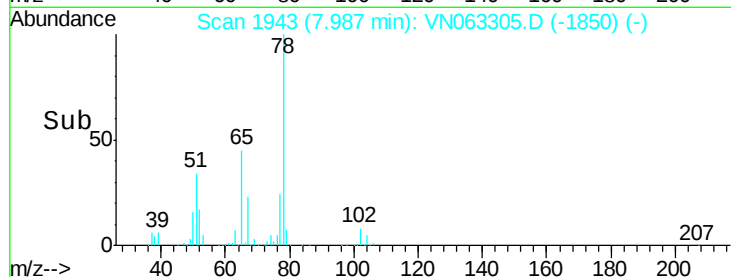
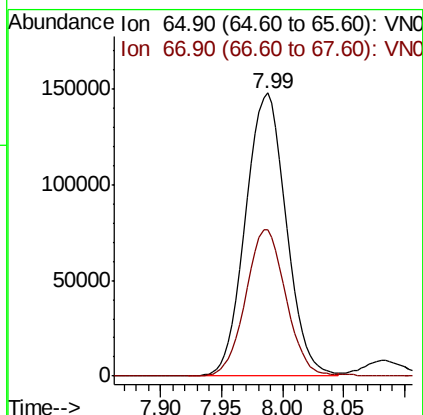
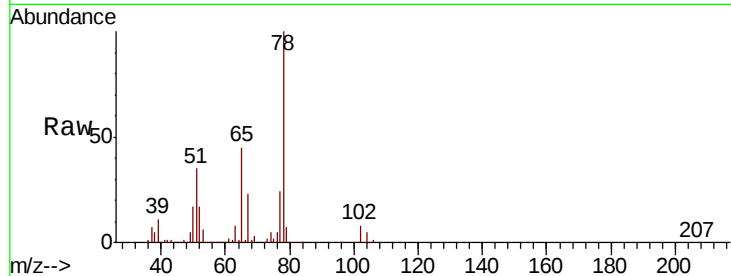




#33
 1,2-Dichloroethane-d4
 Concen: 48.660 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

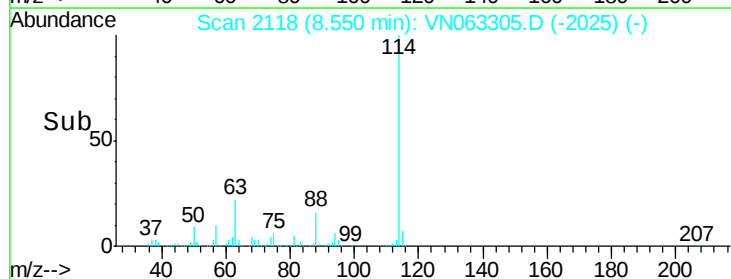
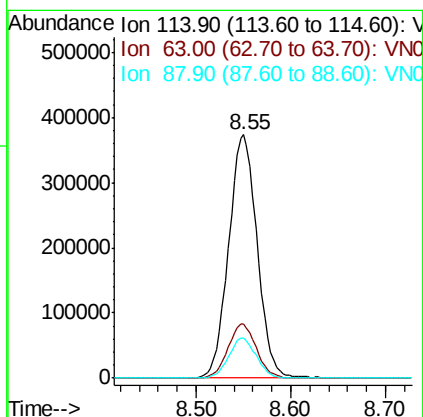
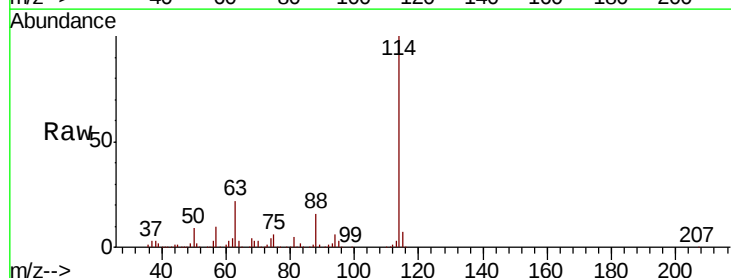
Instrument :
 MSVOA_N
 ClientSampleId :

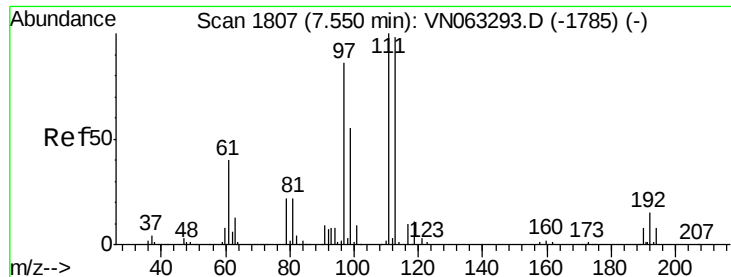
Tot Ion: 65 Resp: 341994
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion: 114 Resp: 780752
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 46.0
 88 16.4 0.0 32.8

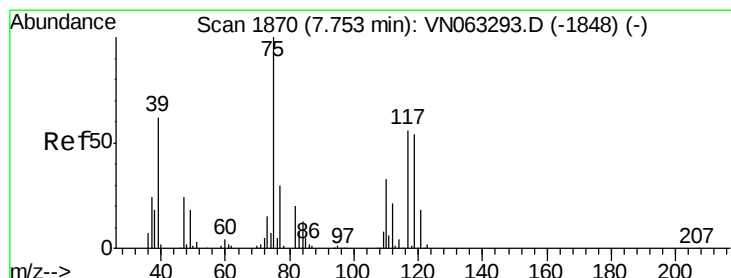
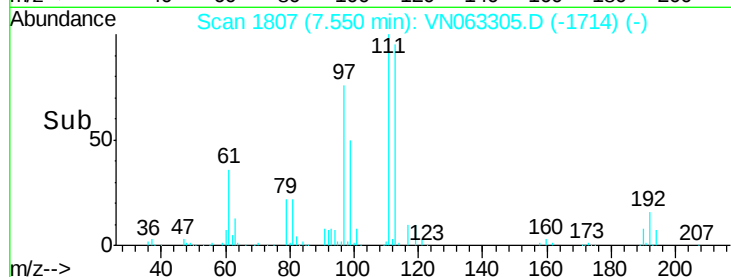
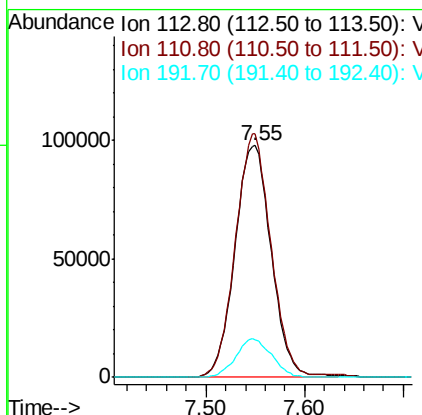
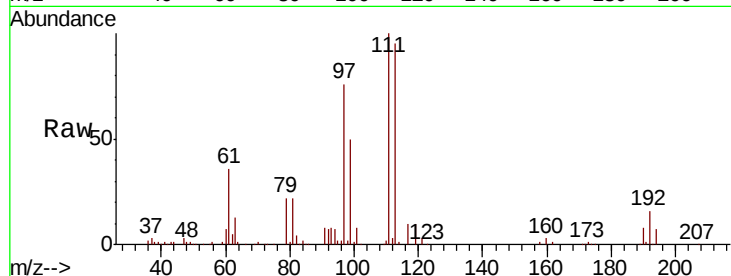




#35
 Dibromofluoromethane
 Concen: 49.608 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

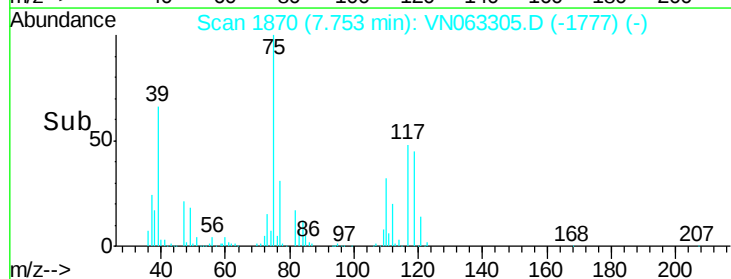
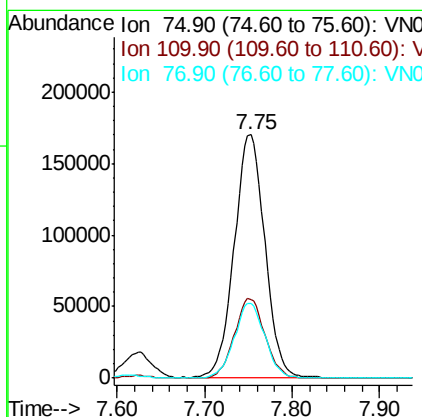
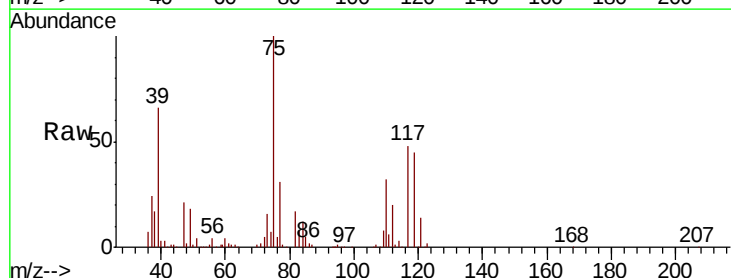
Instrument :
 MSVOA_N
 ClientSampleId :

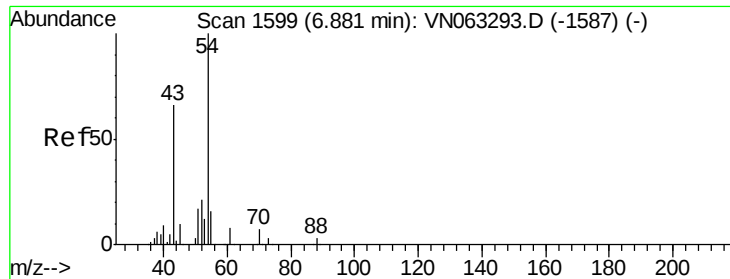
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.2
192	16.5	12.9	19.3



#36
 1,1-Dichloropropene
 Concen: 51.528 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.4	49.4
77	31.1	24.8	37.2

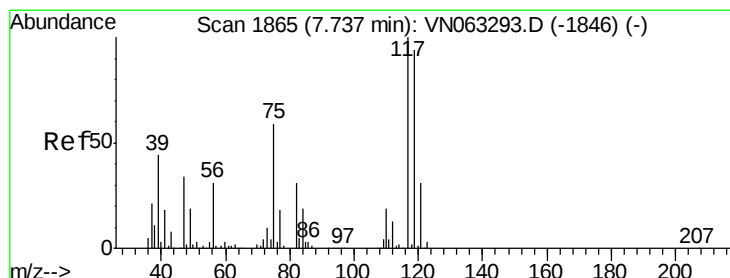
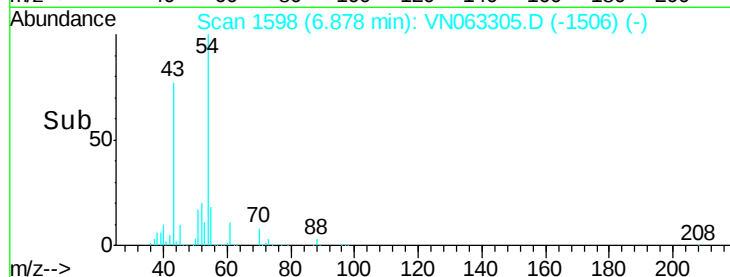
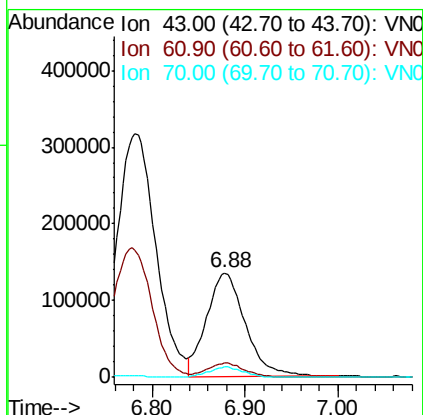
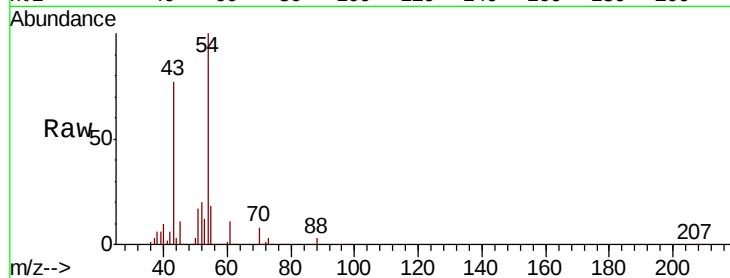




#37
Ethyl Acetate
Concen: 49.327 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

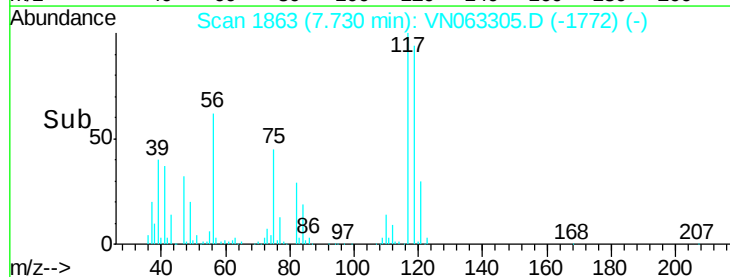
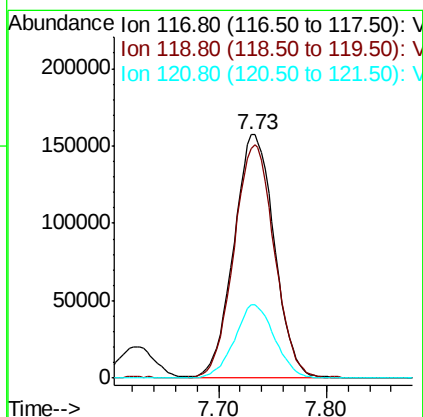
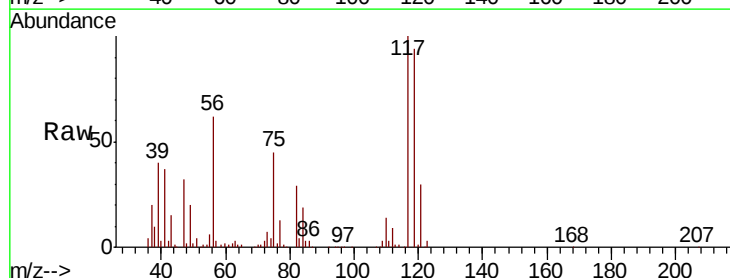
Instrument :
MSVOA_N
ClientSampleId :

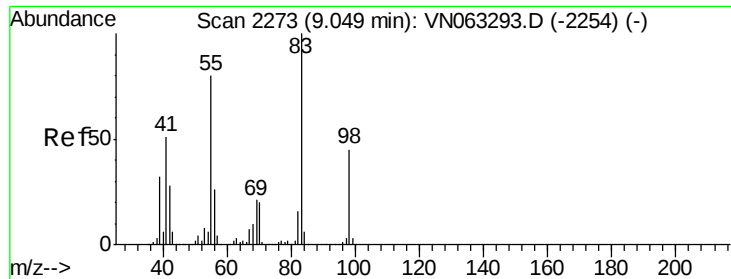
Tot Ion: 43 Resp: 389451
Ion Ratio Lower Upper
43 100
61 13.2 10.1 15.1
70 8.6 7.4 11.2



#38
Carbon Tetrachloride
Concen: 51.699 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 117 Resp: 408341
Ion Ratio Lower Upper
117 100
119 94.3 75.3 112.9
121 30.2 24.6 37.0

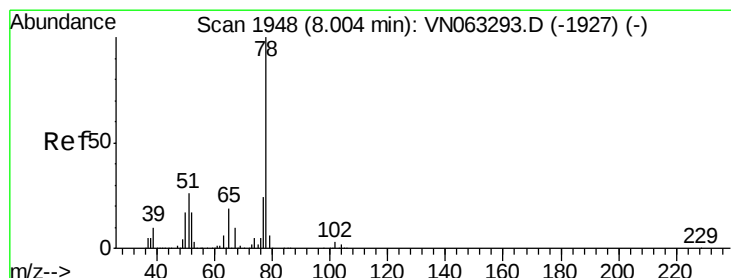
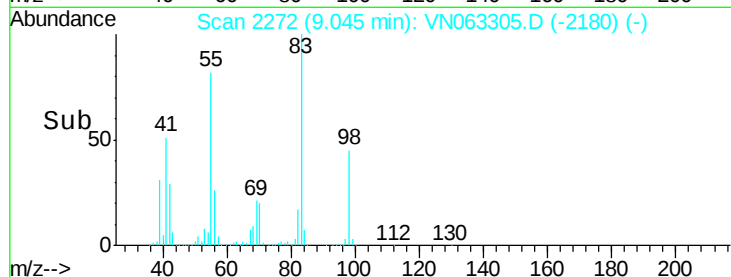
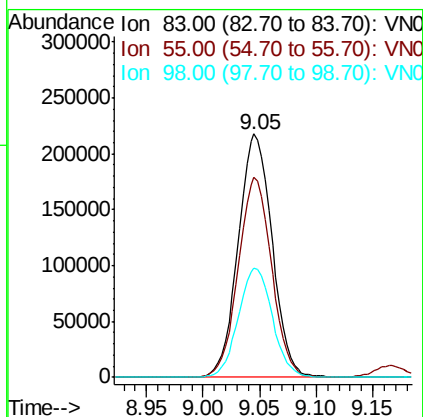
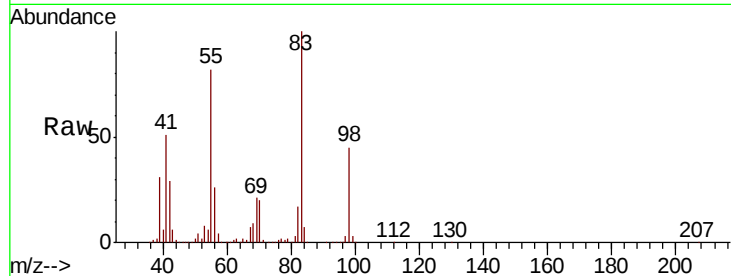




#39
Methvlcvclohexane
Concen: 52.029 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

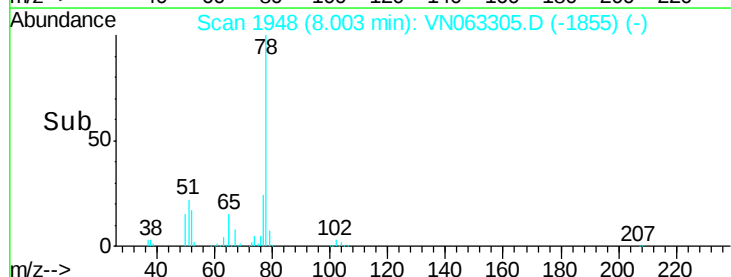
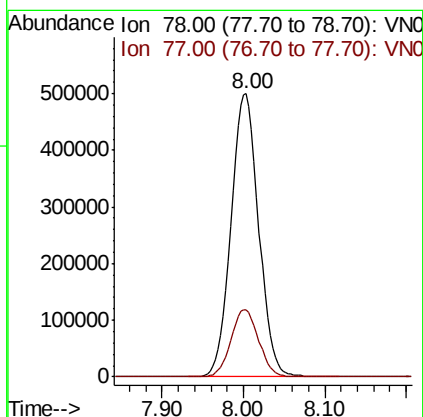
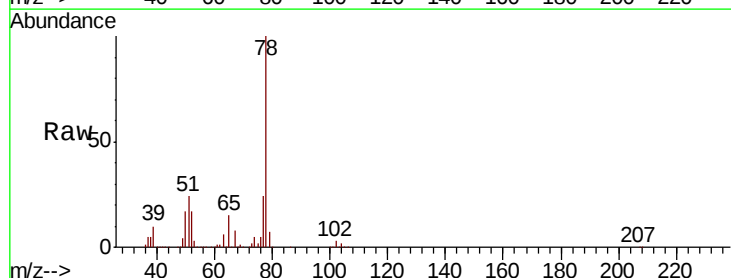
Instrument :
MSVOA_N
ClientSampled :

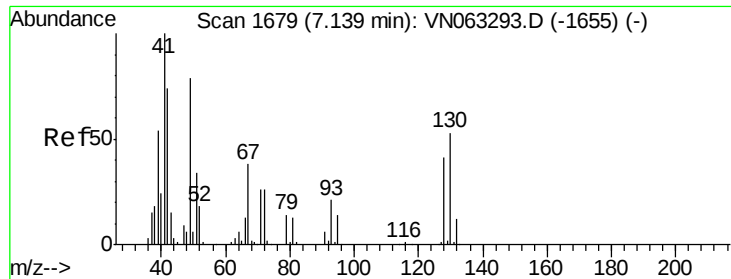
Tot Ion: 83 Resp: 455515
Ion Ratio Lower Upper
83 100
55 82.3 64.0 96.0
98 45.1 36.4 54.6



#40
Benzene
Concen: 51.631 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 78 Resp: 1183476
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

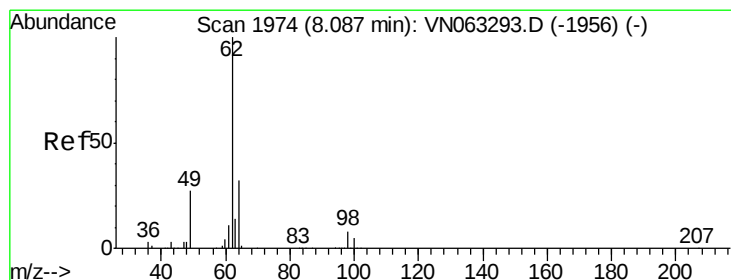
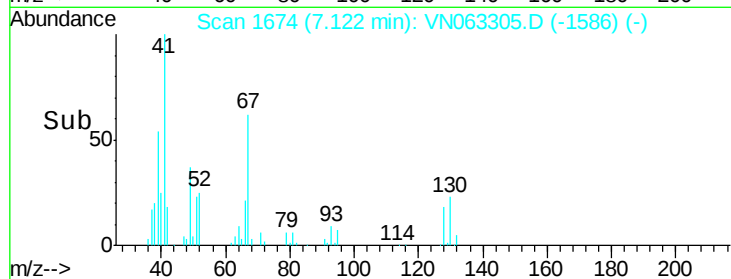
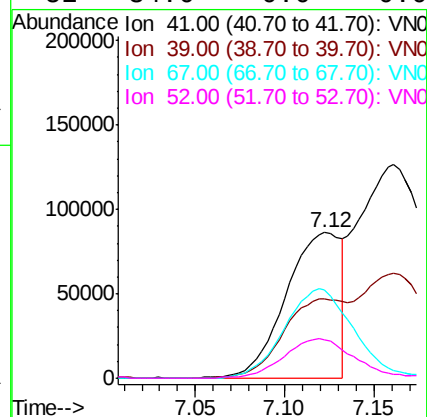
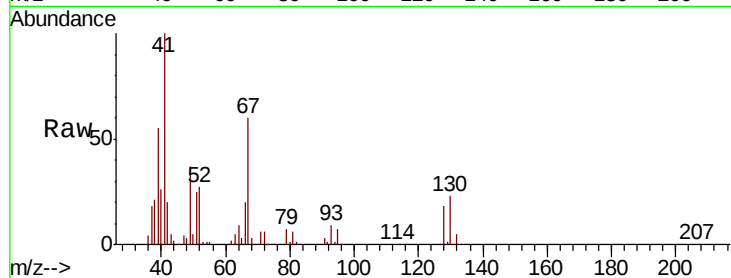




#41
Methacrylonitrile
Concen: 51.608 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.02 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

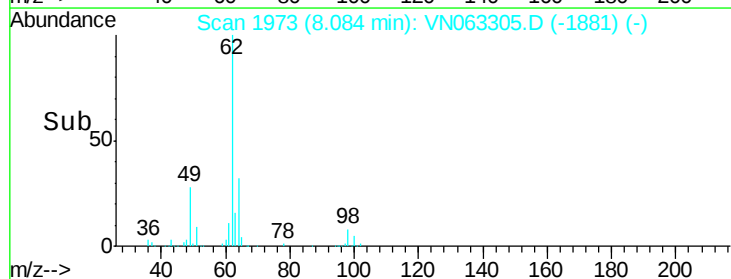
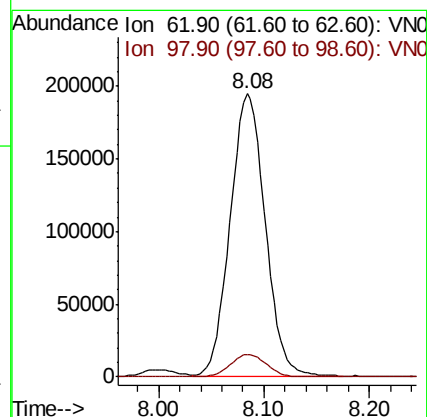
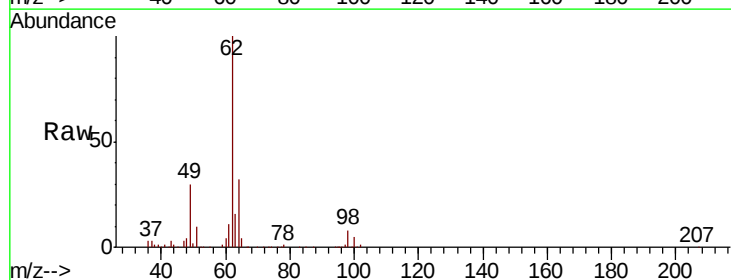
Instrument :
MSVOA_N
ClientSampleId :

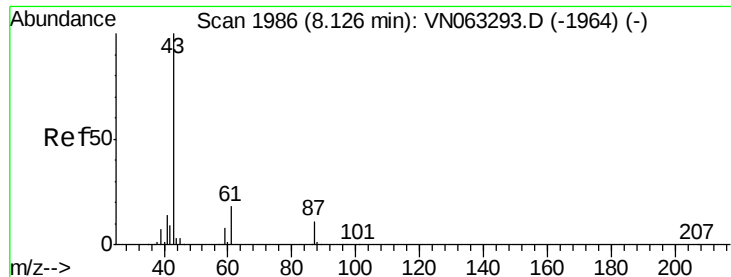
Tot Ion:	41	Resp:	184306
Ion	Ratio	Lower	Upper
41	100		
39	61.4	0.0	0.0#
67	78.8	0.0	0.0#
52	34.6	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 51.463 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion:	62	Resp:	447557
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.4





#43

Isopropyl Acetate

Concen: 51.373 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampled :

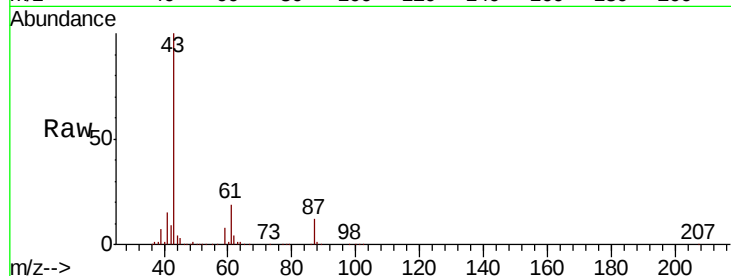
Tot Ion: 43 Resp: 686888

Ion Ratio Lower Upper

43 100

61 25.2 15.1 22.7#

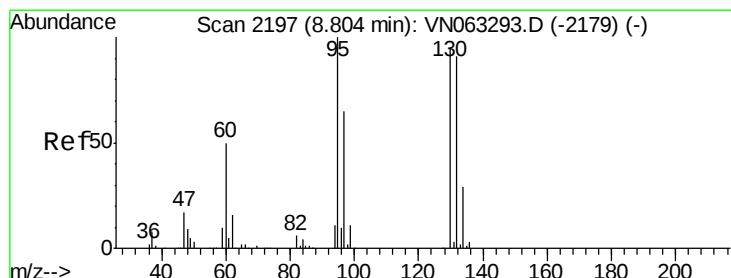
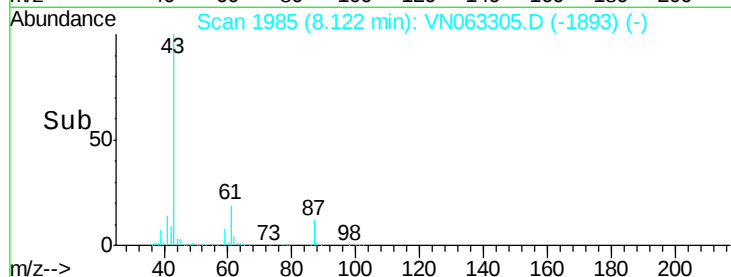
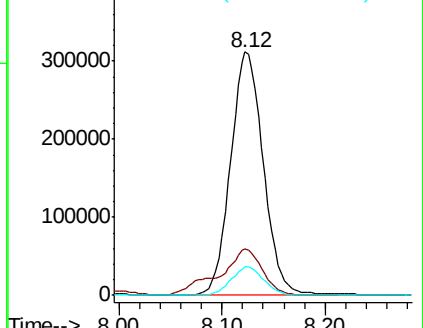
87 11.8 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN063305.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN063305.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN063305.D (-1893) (-)



#44

Trichloroethene

Concen: 50.772 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063305.D

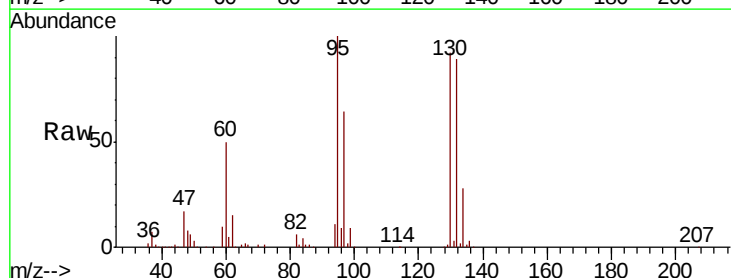
Acq: 11 Sep 2020 10:32

Tgt Ion: 130 Resp: 304347

Ion Ratio Lower Upper

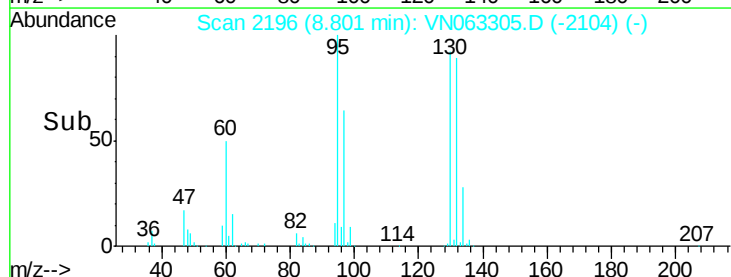
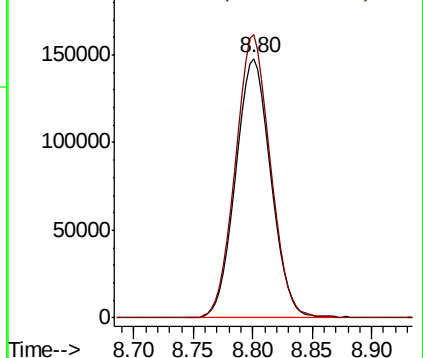
130 100

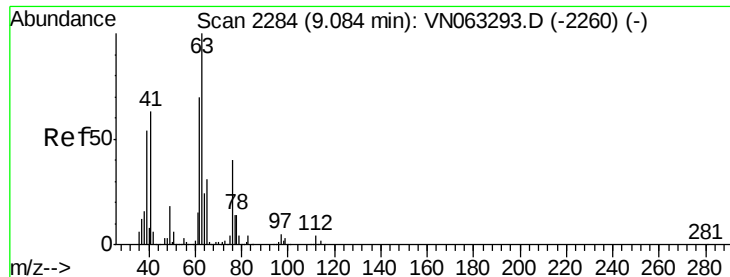
95 109.1 0.0 210.8



Abundance Ion 129.80 (129.50 to 130.50): VN063305.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN063305.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 51.919 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

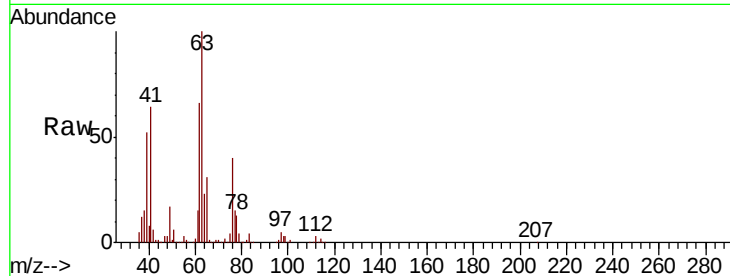
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 326427

Ion Ratio Lower Upper

63 100

65 30.4 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN063305.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN063305.D (-2191) (-)

9.08

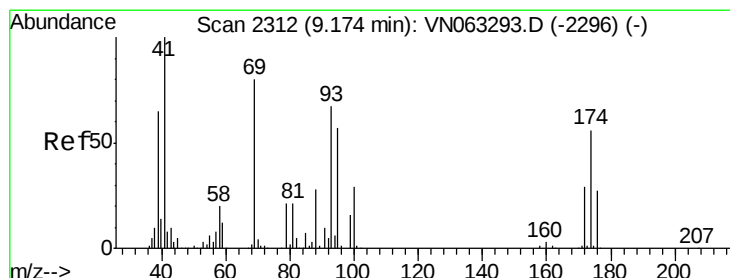
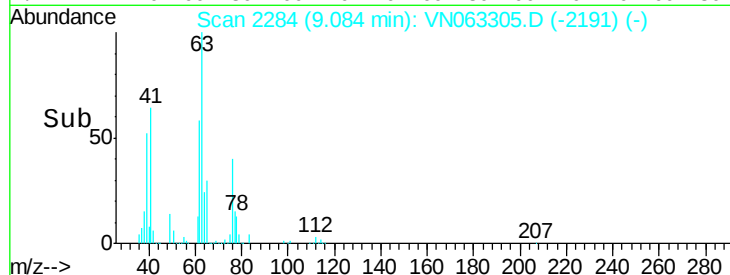
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 51.856 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

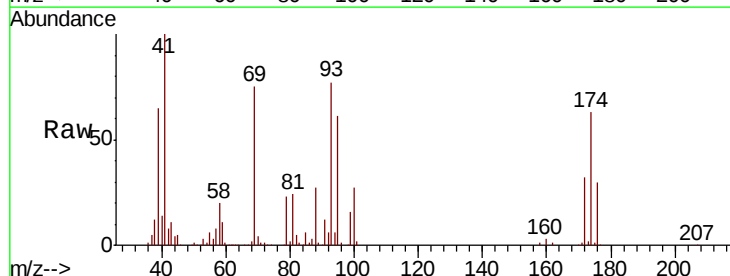
Tgt Ion: 93 Resp: 211418

Ion Ratio Lower Upper

93 100

95 81.9 67.9 101.9

174 82.4 66.9 100.3



Abundance Ion 92.80 (92.50 to 93.50): VN063305.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN063305.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN063305.D (-2219) (-)

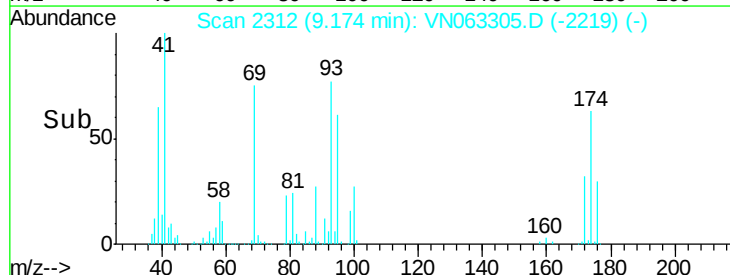
9.17

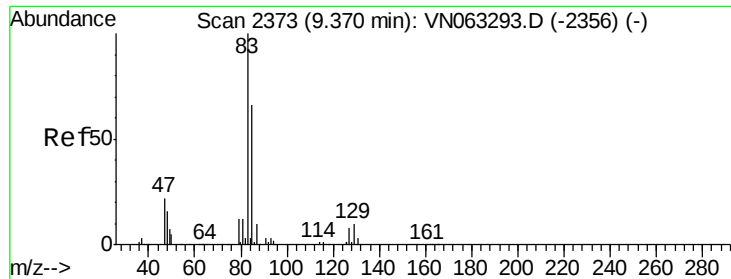
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 51.893 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :

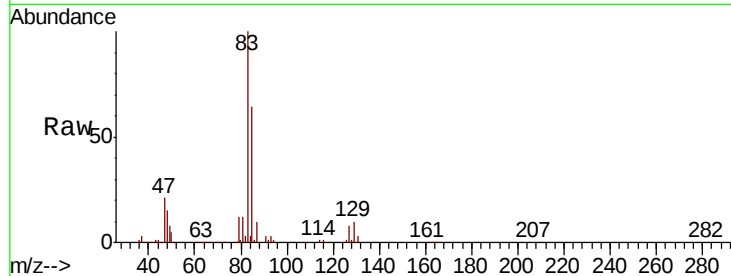
Tot Ion: 83 Resp: 440904

Ion Ratio Lower Upper

83 100

85 64.2 52.5 78.7

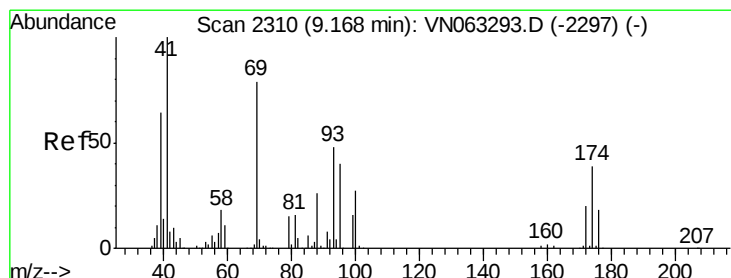
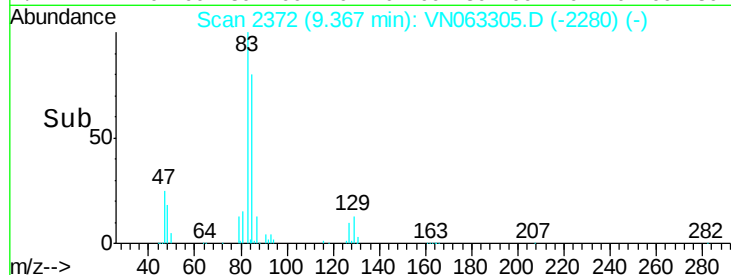
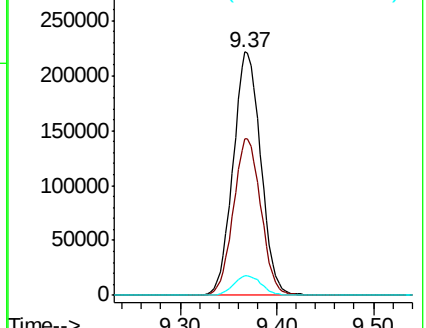
127 8.3 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VN063305.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063305.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063305.D (-2280) (-)



#48

Methyl methacrylate

Concen: 51.662 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

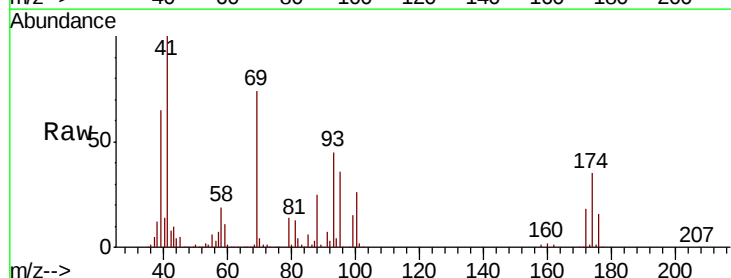
Tgt Ion: 41 Resp: 329597

Ion Ratio Lower Upper

41 100

69 77.9 63.6 95.4

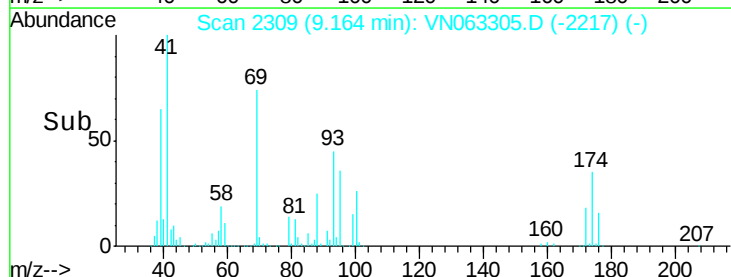
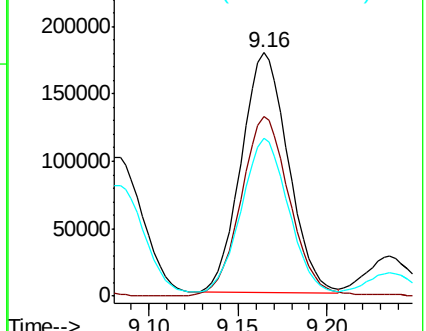
39 66.7 53.2 79.8

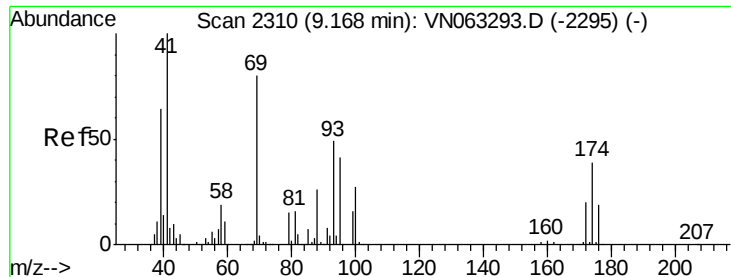


Abundance Ion 41.00 (40.70 to 41.70): VN063305.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063305.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063305.D (-2217) (-)

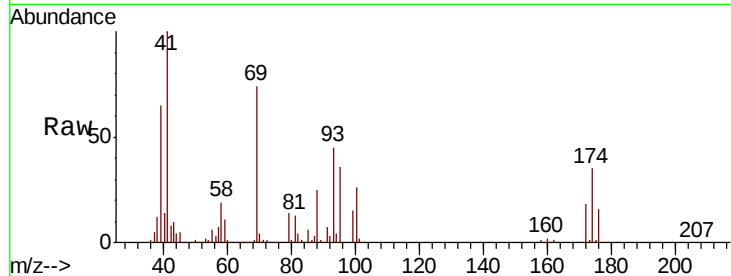




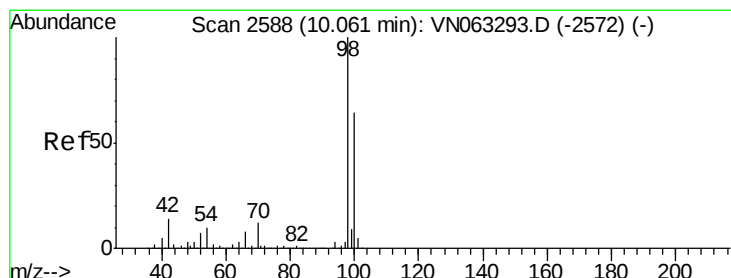
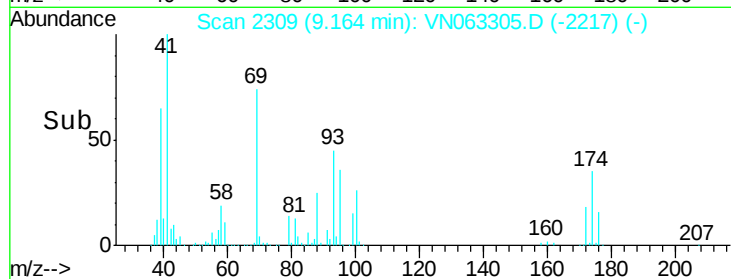
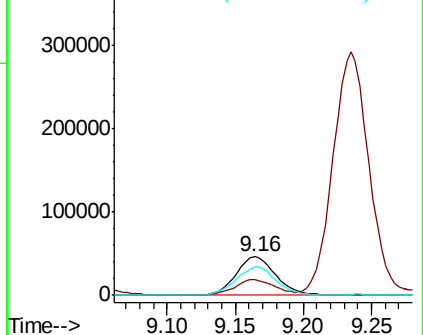
#49
1,4-Dioxane
Concen: 952.101 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 94047
Ion Ratio Lower Upper
88 100
43 38.7 30.5 45.7
58 74.3 58.9 88.3

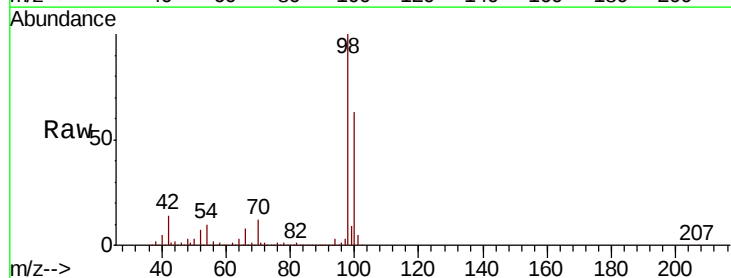


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

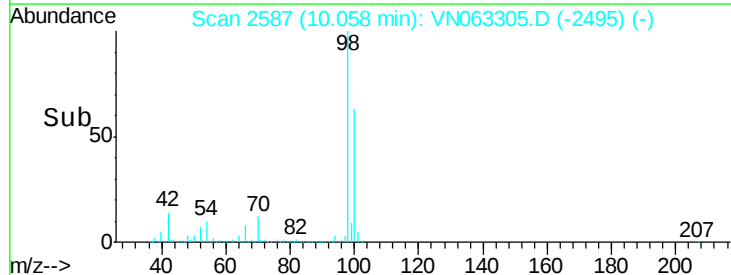
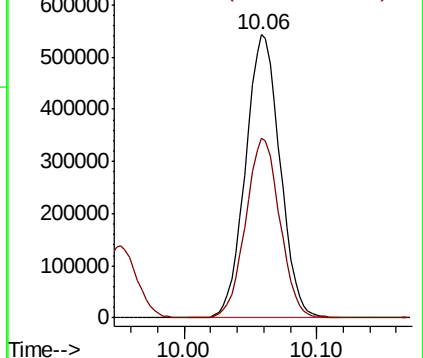


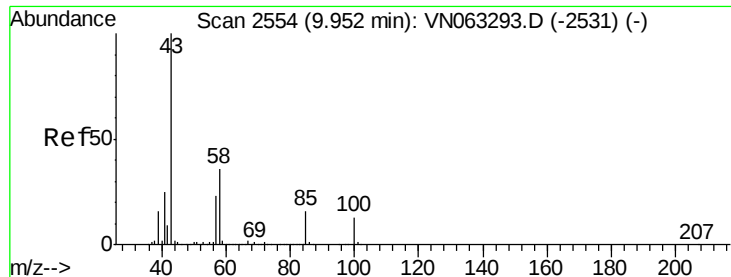
#50
Toluene-d8
Concen: 50.832 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 98 Resp: 981182
Ion Ratio Lower Upper
98 100
100 62.6 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 266.445 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

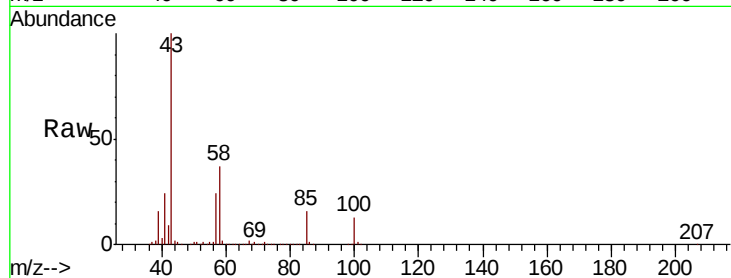
ClientSampled :

Tot Ion: 43 Resp: 1963322

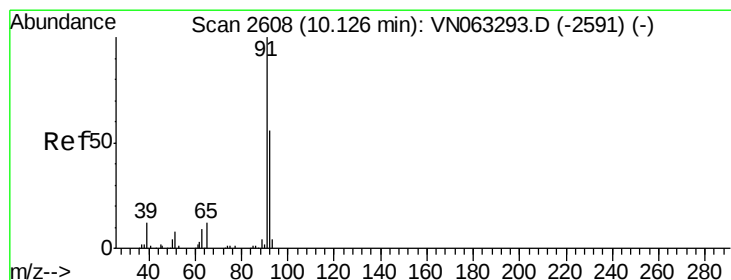
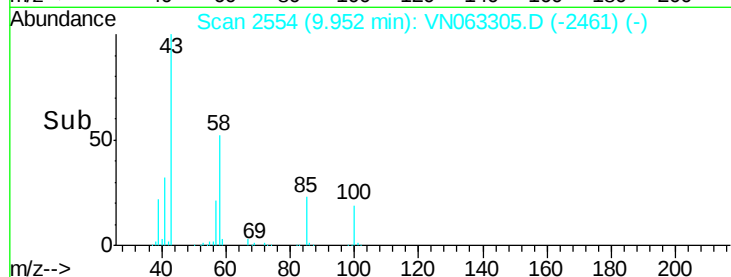
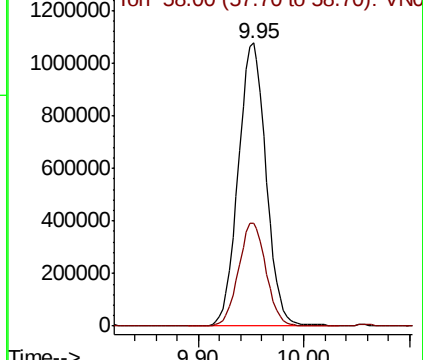
Ion Ratio Lower Upper

43 100

58 36.1 29.0 43.4



Abundance Ion 43.00 (42.70 to 43.70): VN063293.D (-2531) (-)



#52

Toluene

Concen: 52.282 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063305.D

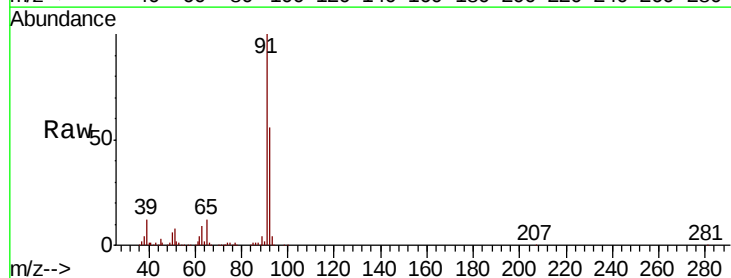
Acq: 11 Sep 2020 10:32

Tgt Ion: 92 Resp: 731677

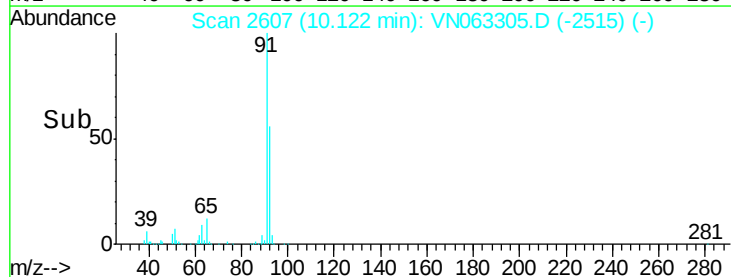
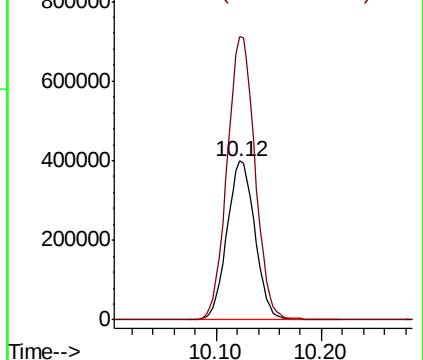
Ion Ratio Lower Upper

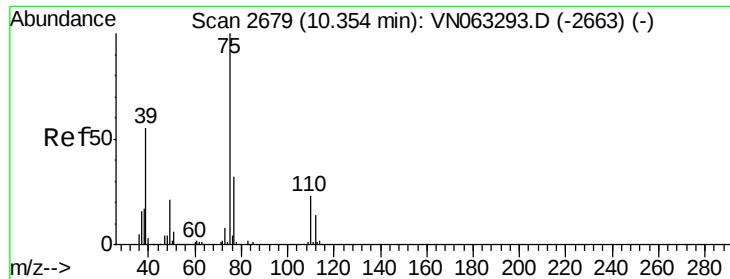
92 100

91 177.6 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063293.D (-2591) (-)





#53

t-1,3-Dichloropropene

Concen: 52.840 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

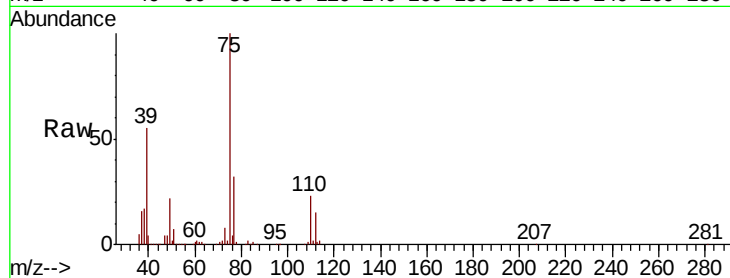
ClientSampled :

Tot Ion: 75 Resp: 489571

Ion Ratio Lower Upper

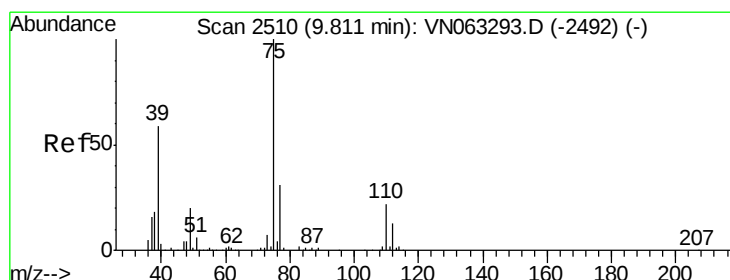
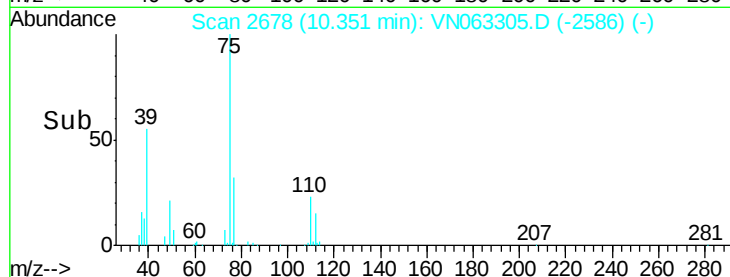
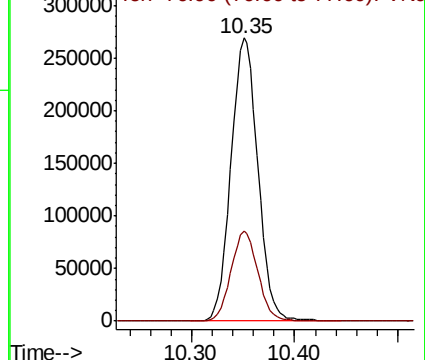
75 100

77 31.6 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.443 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

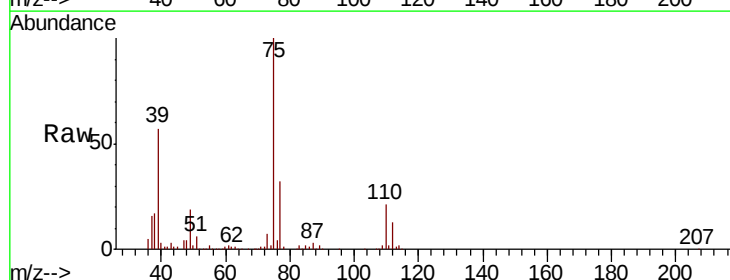
Tgt Ion: 75 Resp: 533132

Ion Ratio Lower Upper

75 100

77 31.5 24.7 37.1

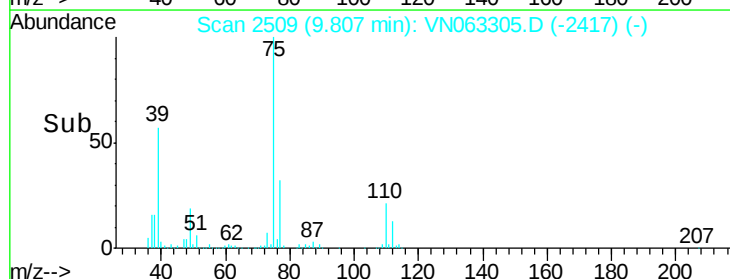
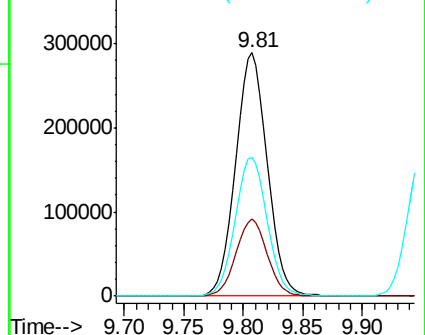
39 57.1 47.2 70.8

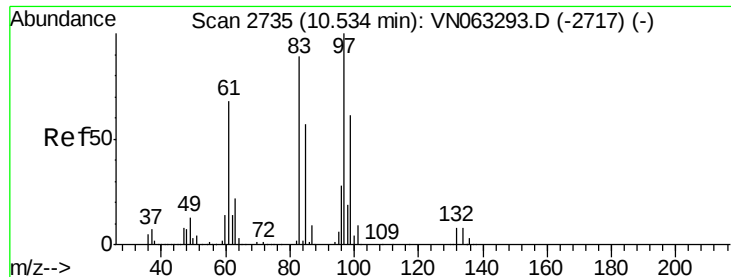


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

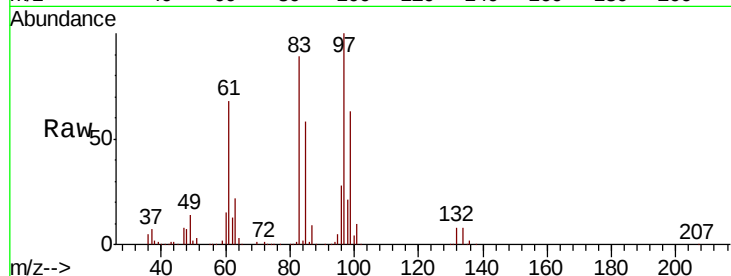




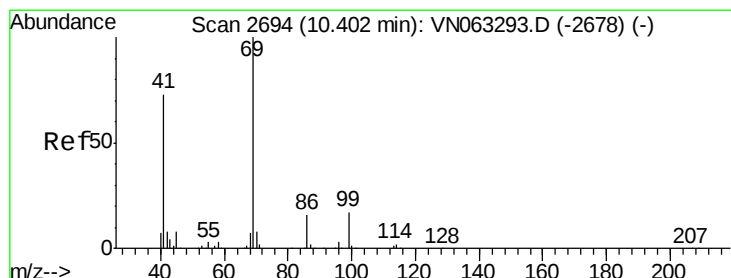
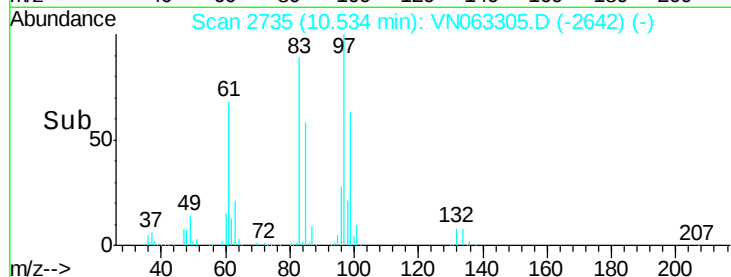
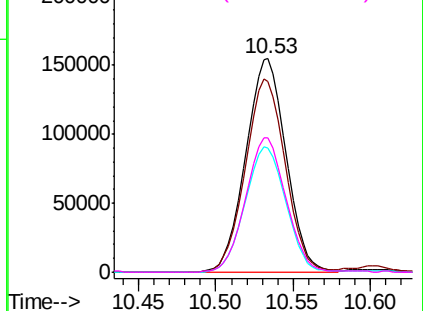
#55
 1,1,2-Trichloroethane
 Concen: 51.240 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	280994
Ion	Ratio	Lower	Upper
97	100		
83	89.2	70.8	106.2
85	58.4	45.6	68.4
99	62.9	49.0	73.4

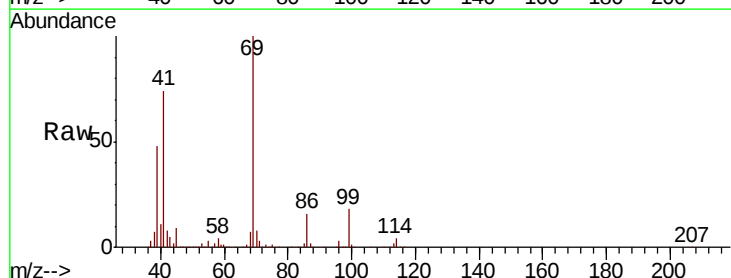


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

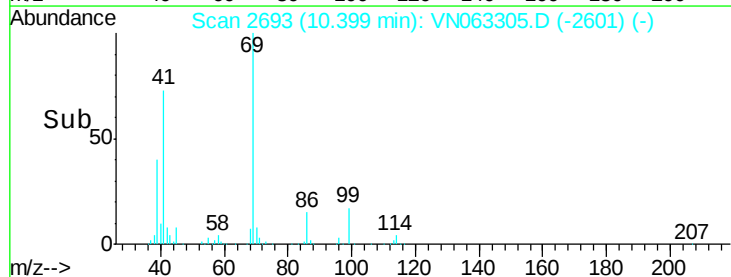
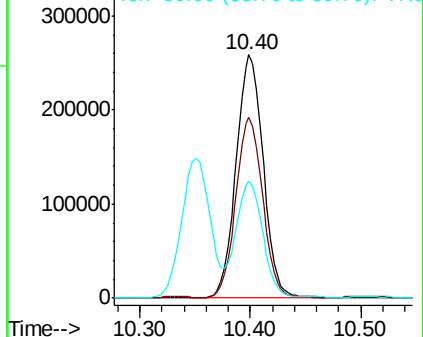


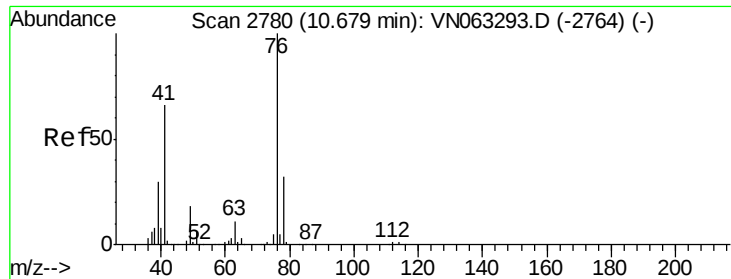
#56
 Ethyl methacrylate
 Concen: 52.939 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion:	69	Resp:	441472
Ion	Ratio	Lower	Upper
69	100		
41	73.0	58.4	87.6
39	47.3	38.6	58.0



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: 52.390 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

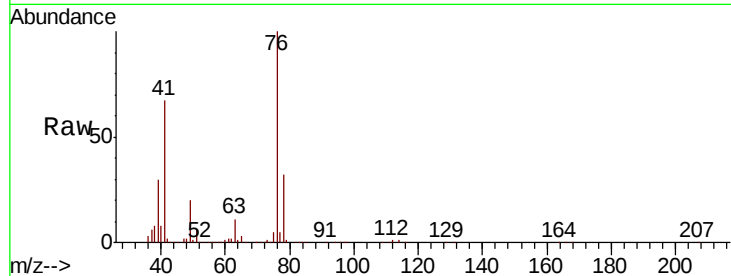
ClientSampled :

Tot Ion: 76 Resp: 502038

Ion Ratio Lower Upper

76 100

78 31.9 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VN063305.D (-2687) (-)

Ion 77.90 (77.60 to 78.60): VN063305.D (-2687) (-)

10.68

300000

250000

200000

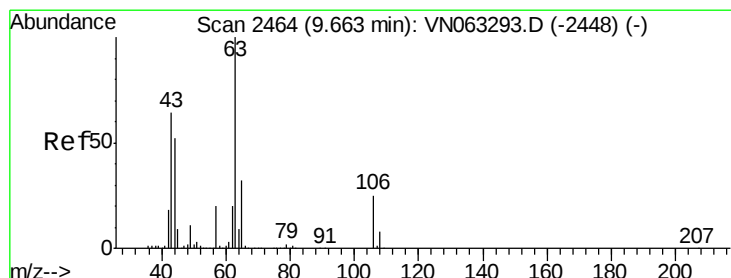
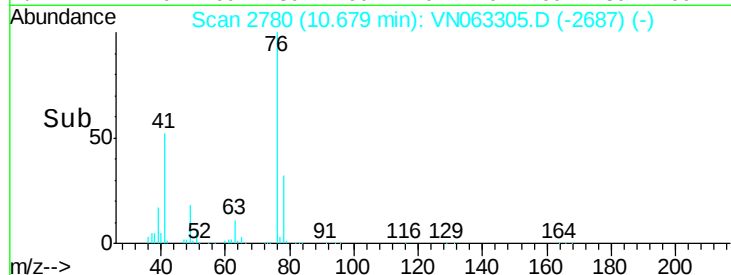
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 253.167 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063305.D

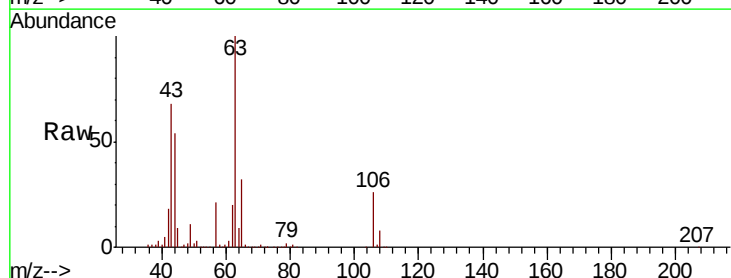
Acq: 11 Sep 2020 10:32

Tgt Ion: 63 Resp: 1132452

Ion Ratio Lower Upper

63 100

106 25.8 20.2 30.4



Abundance Ion 62.90 (62.60 to 63.60): VN063305.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN063305.D (-2371) (-)

9.66

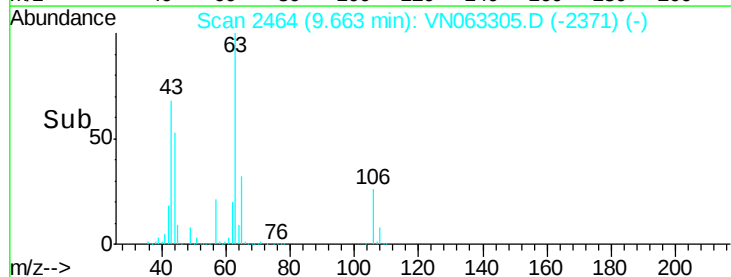
600000

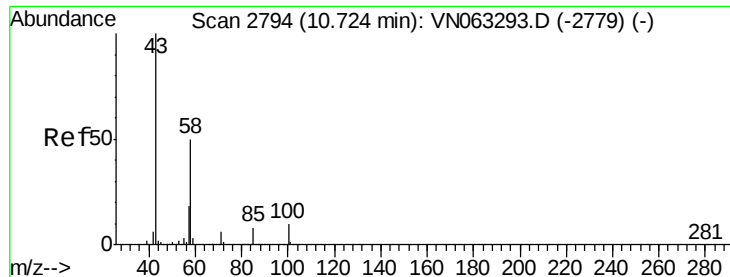
400000

200000

0

Time-->

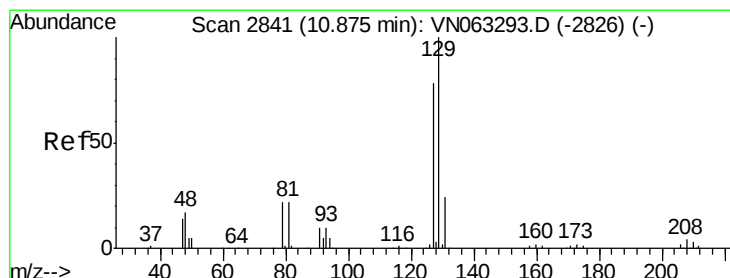
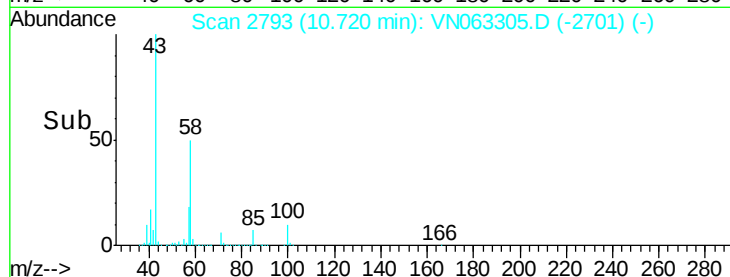
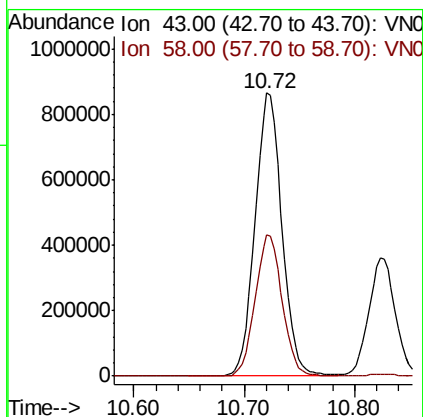
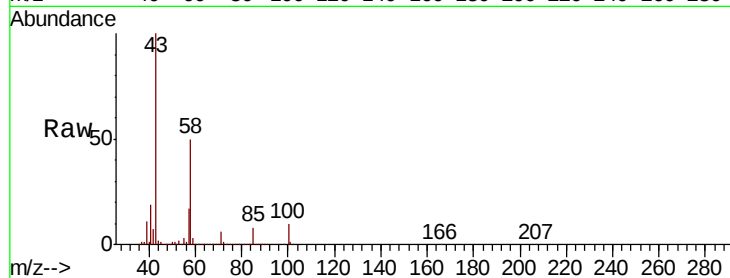




#59
2-Hexanone
Concen: 268.199 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

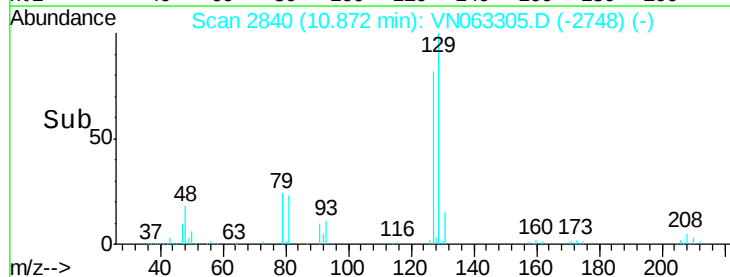
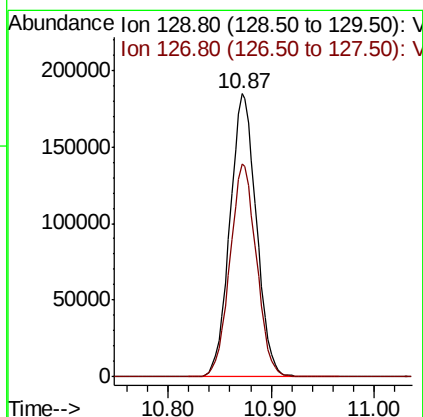
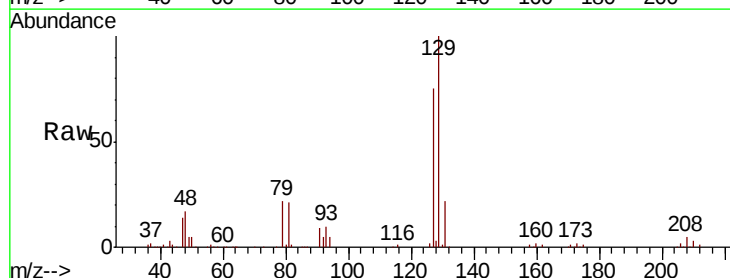
Instrument :
MSVOA_N
ClientSampleId :

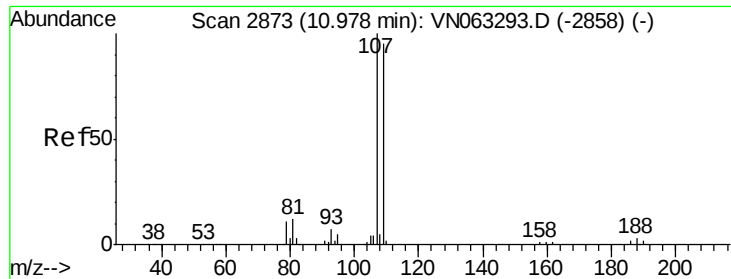
Tot Ion: 43 Resp: 1457495
Ion Ratio Lower Upper
43 100
58 50.2 25.1 75.3



#60
Dibromochloromethane
Concen: 54.718 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 129 Resp: 329506
Ion Ratio Lower Upper
129 100
127 75.4 39.0 117.0

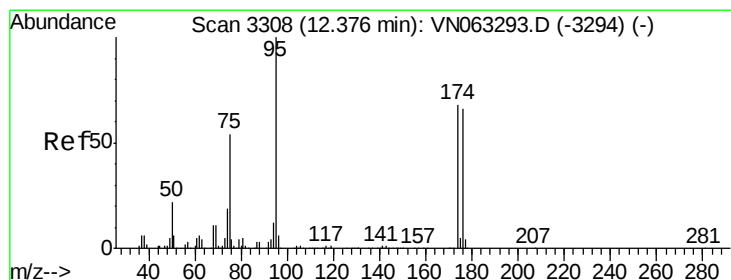
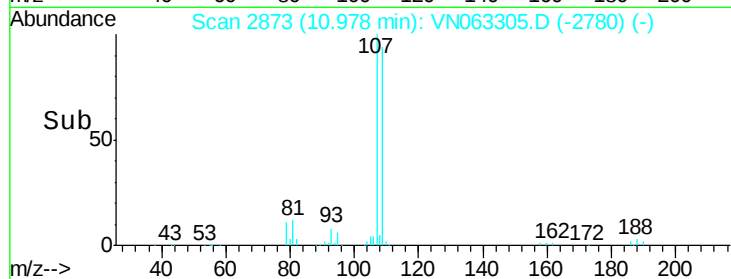
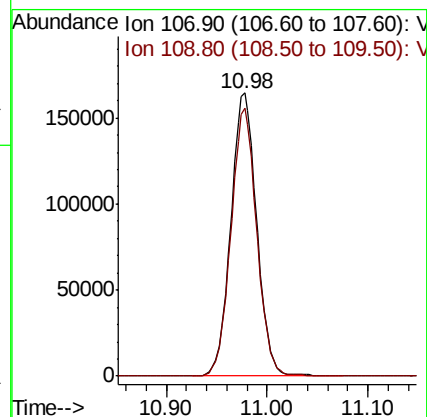
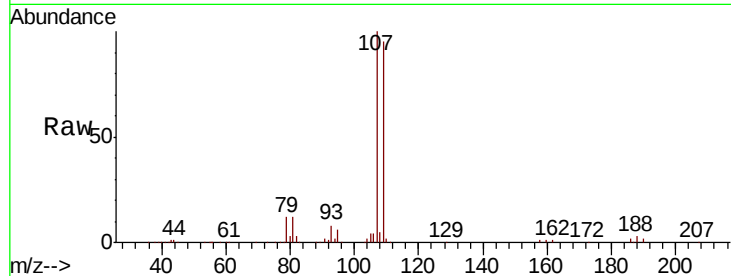




#61
 1,2-Dibromoethane
 Concen: 51.455 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

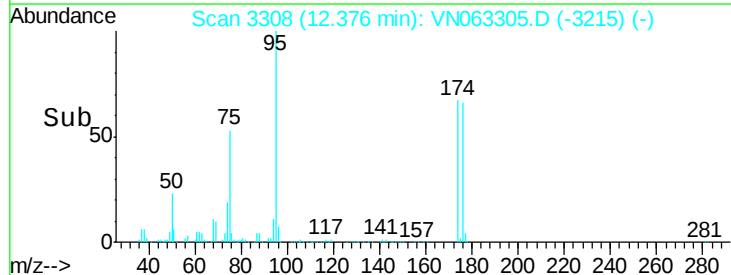
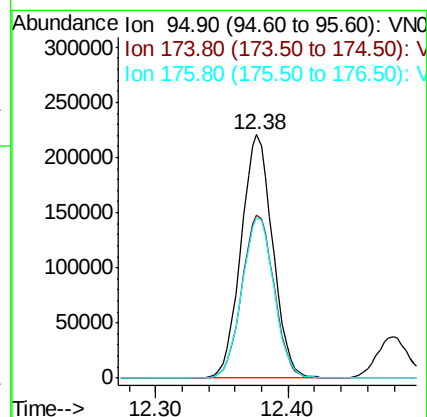
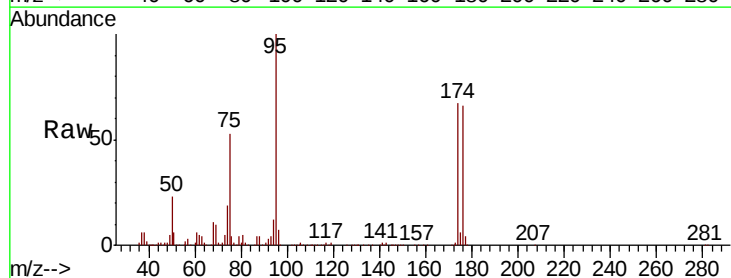
Instrument :
 MSVOA_N
 ClientSampleId :

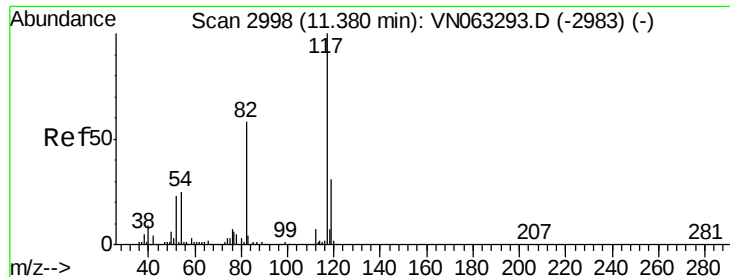
Tot Ion:107 Resp: 294168
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 51.321 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion: 95 Resp: 365883
 Ion Ratio Lower Upper
 95 100
 174 68.4 0.0 136.6
 176 66.7 0.0 132.8

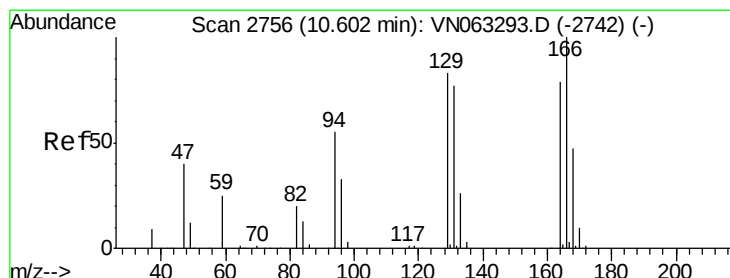
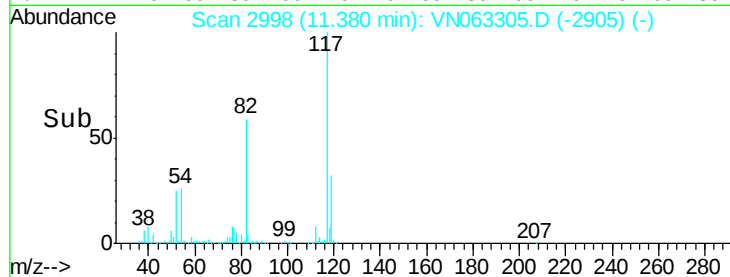
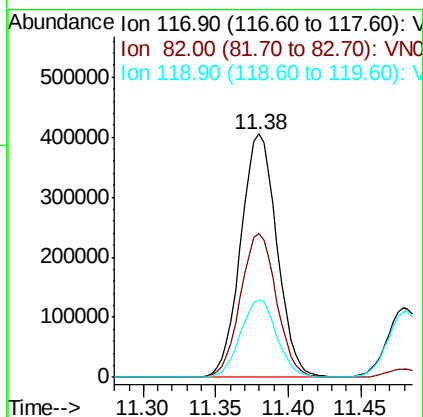
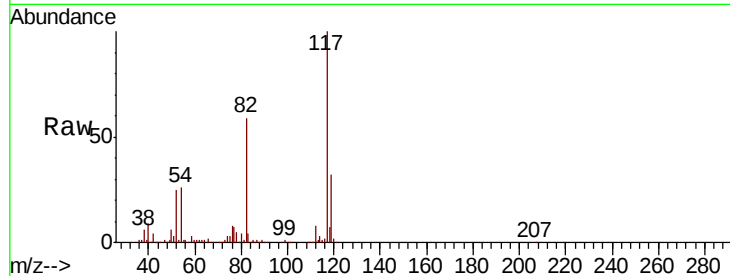




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

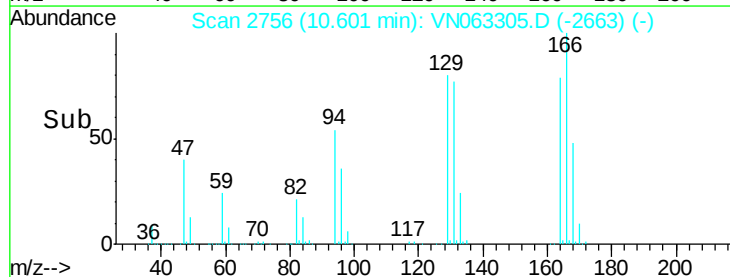
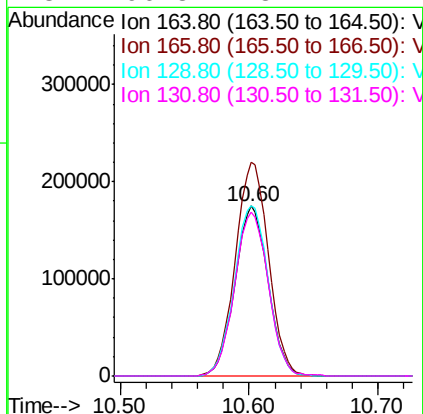
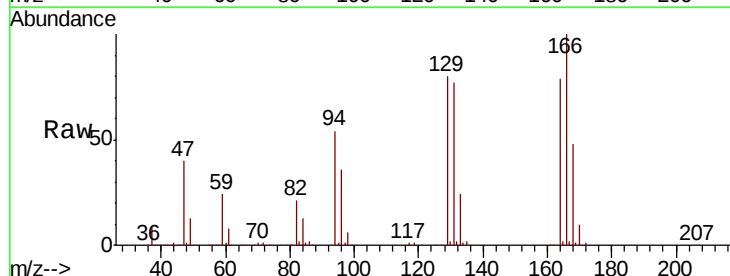
Instrument :
MSVOA_N
ClientSampleId :

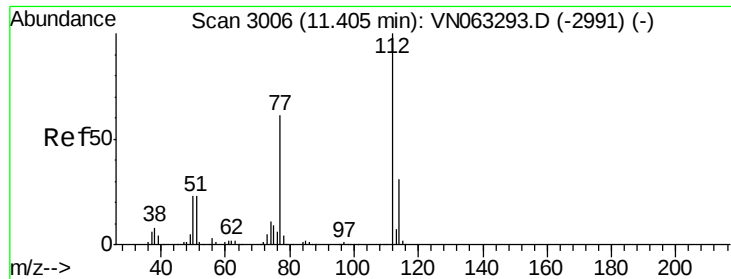
Tot Ion:117 Resp: 705151
Ion Ratio Lower Upper
117 100
82 59.0 46.4 69.6
119 31.9 24.8 37.2



#64
Tetrachloroethene
Concen: 53.992 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion:164 Resp: 311891
Ion Ratio Lower Upper
164 100
166 125.9 101.3 151.9
129 100.7 83.7 125.5
131 96.8 78.2 117.4

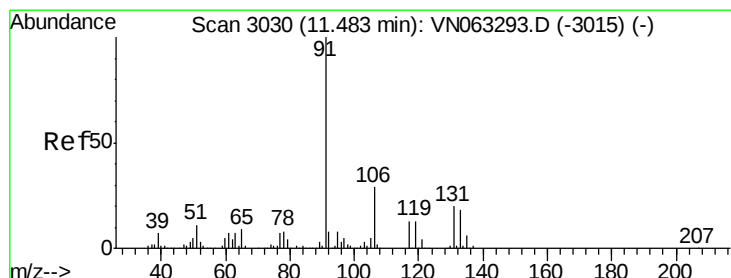
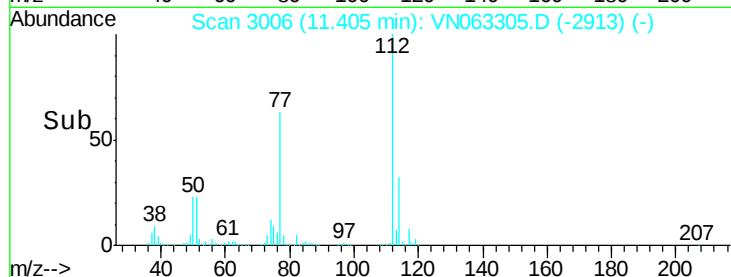
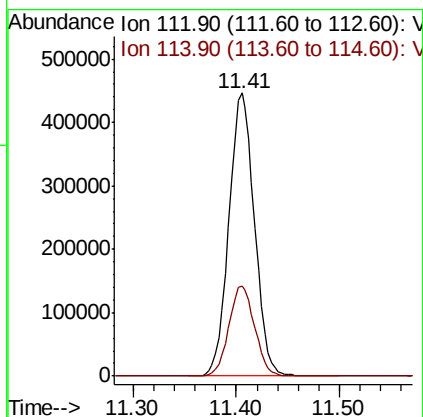
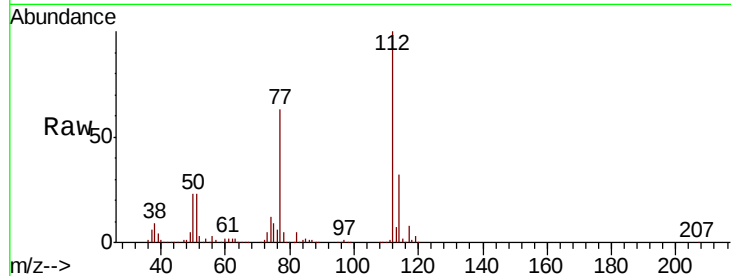




#65
Chlorobenzene
Concen: 50.704 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

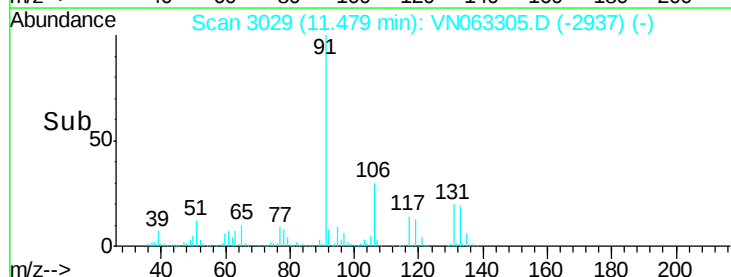
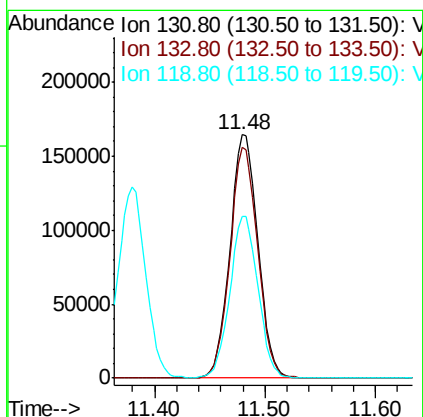
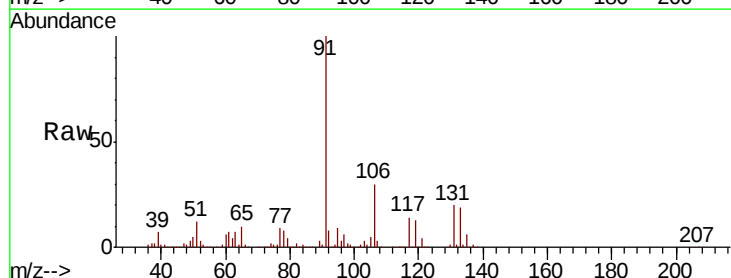
Instrument :
MSVOA_N
ClientSampled :

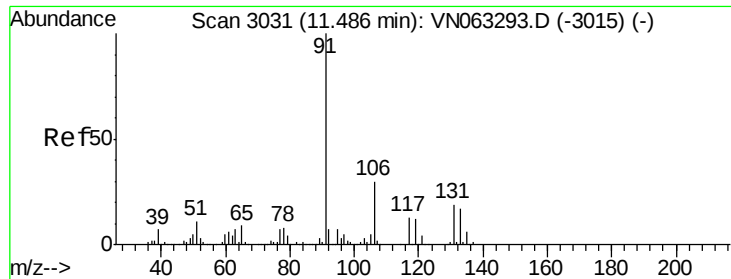
Tot Ion:112 Resp: 769722
Ion Ratio Lower Upper
112 100
114 31.9 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.244 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion:131 Resp: 288962
Ion Ratio Lower Upper
131 100
133 94.2 47.4 142.2
119 67.0 33.8 101.3

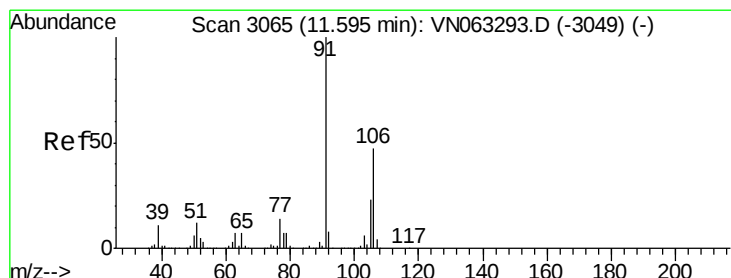
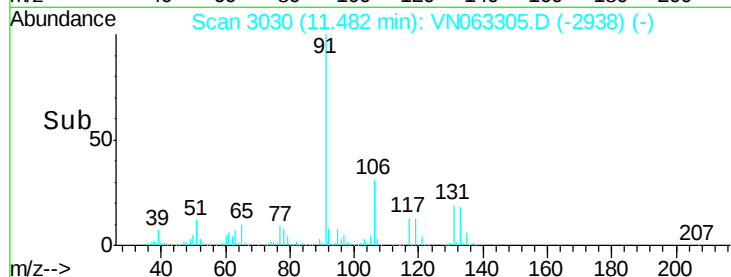
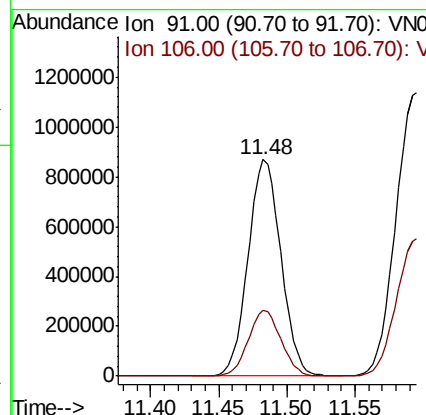
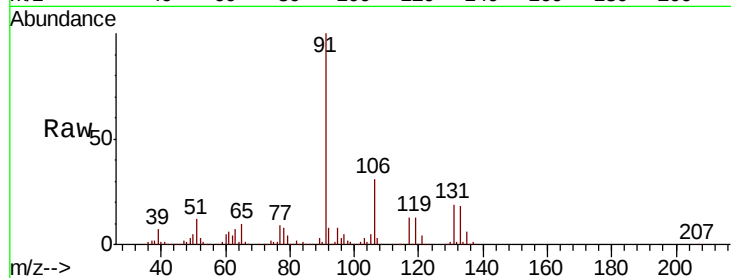




#67
Ethyl Benzene
Concen: 53.395 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

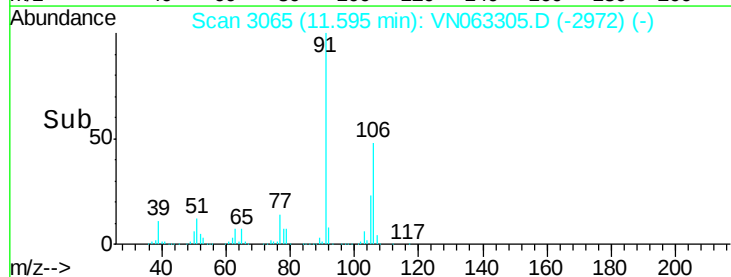
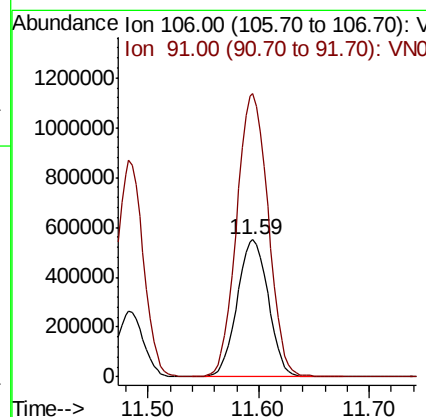
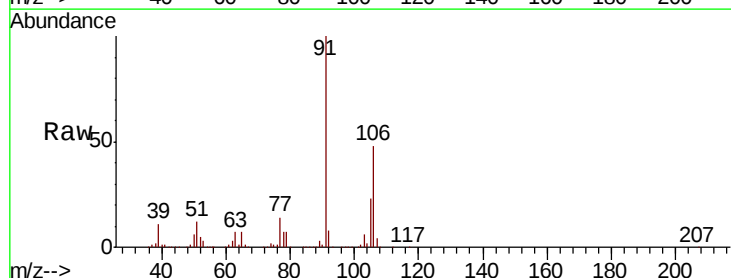
Instrument :
MSVOA_N
ClientSampled :

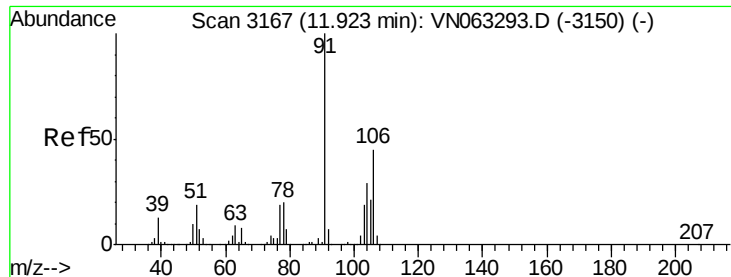
Tot Ion: 91 Resp: 1455198
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6



#68
m/p-Xylenes
Concen: 106.652 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion: 106 Resp: 1075154
Ion Ratio Lower Upper
106 100
91 209.3 169.8 254.8

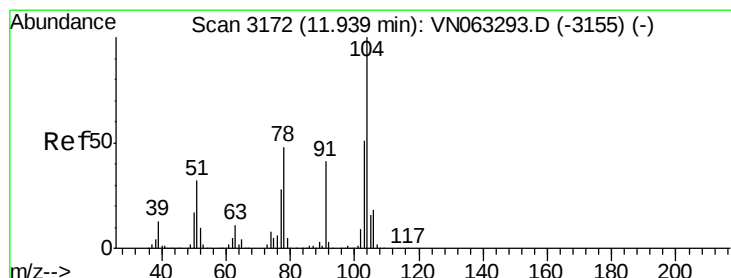
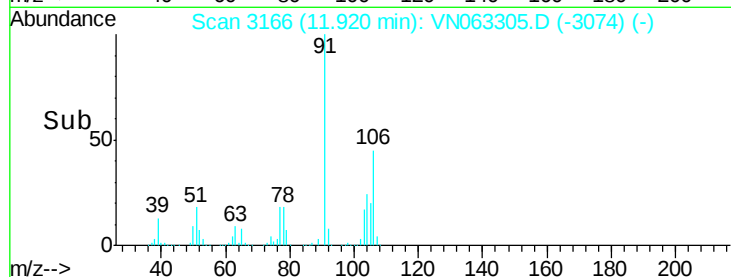
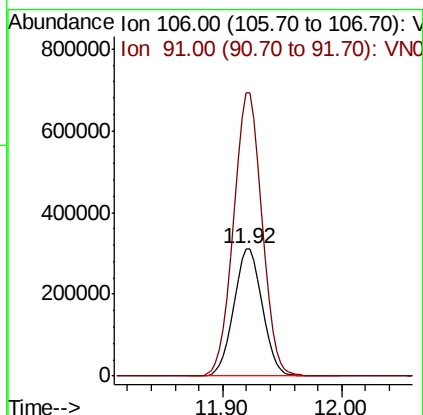
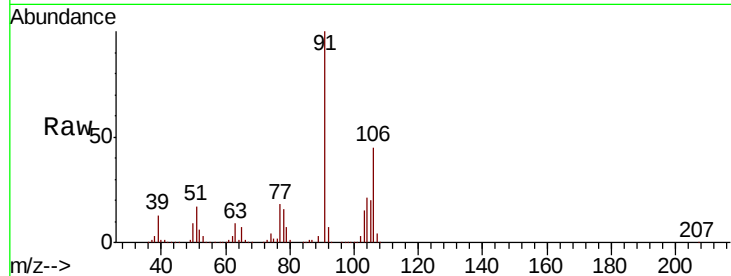




#69
o-Xylene
Concen: 53.671 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

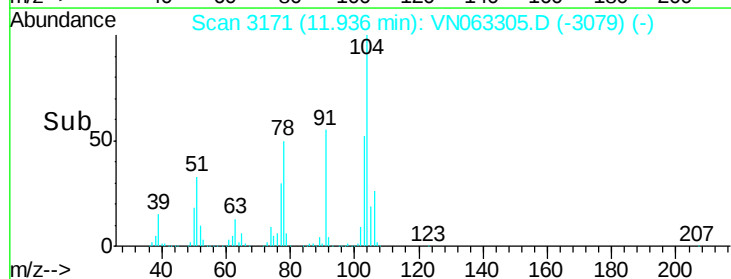
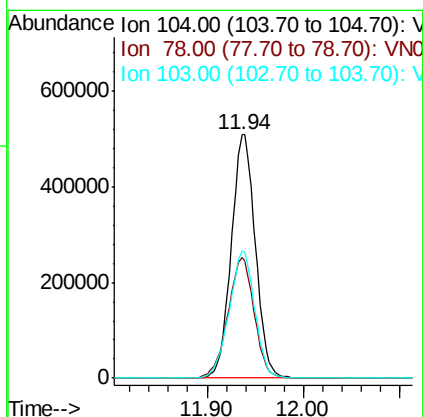
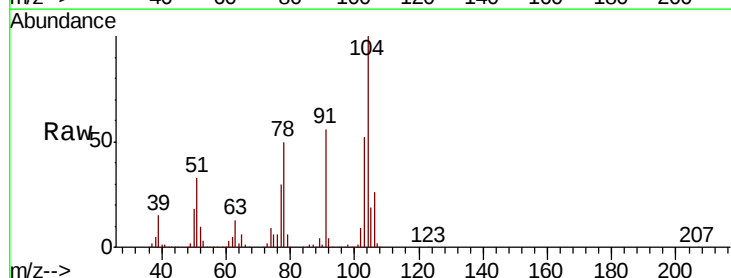
Instrument :
MSVOA_N
ClientSampled :

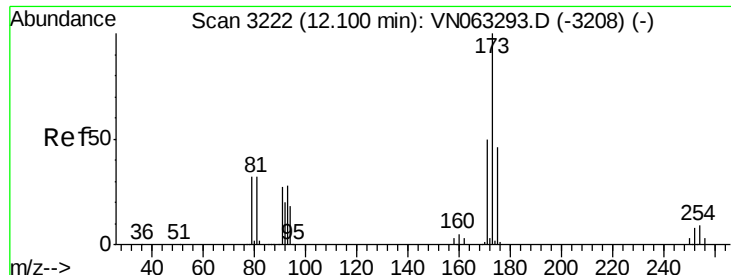
Tot Ion:106 Resp: 519238
Ion Ratio Lower Upper
106 100
91 221.4 111.5 334.4



#70
Styrene
Concen: 54.772 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion:104 Resp: 880697
Ion Ratio Lower Upper
104 100
78 53.6 42.9 64.3
103 55.5 44.2 66.2

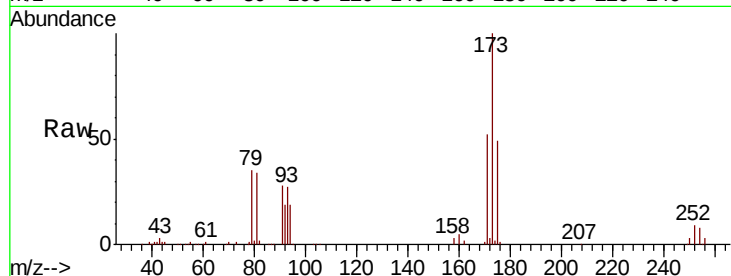




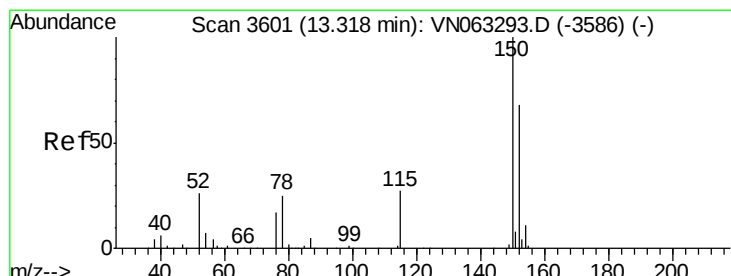
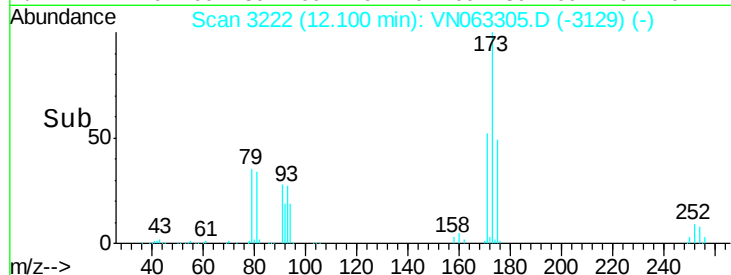
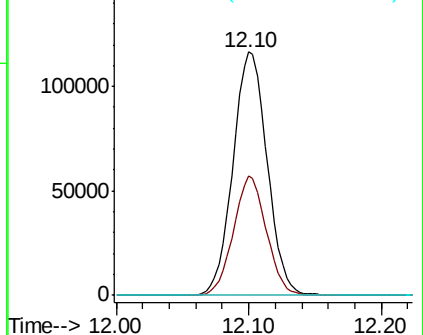
#71
Bromoform
Concen: 54.370 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 207996
Ion Ratio Lower Upper
173 100
175 47.2 23.8 71.5
254 0.1 0.0 0.0#

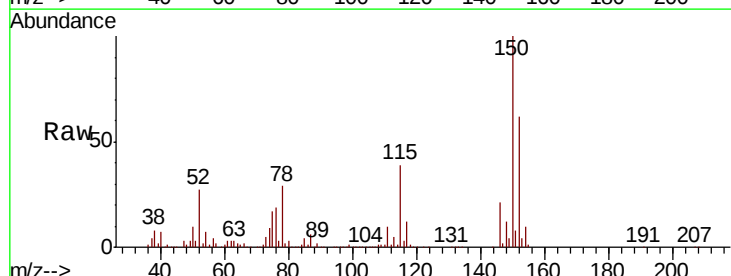


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

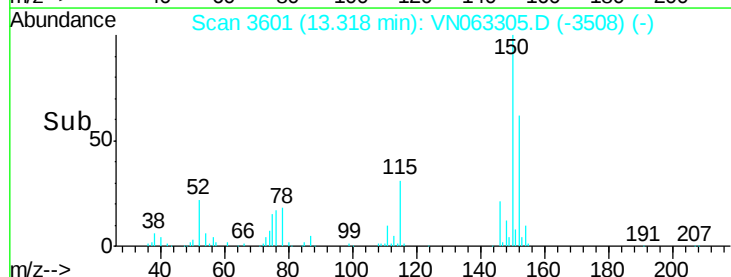
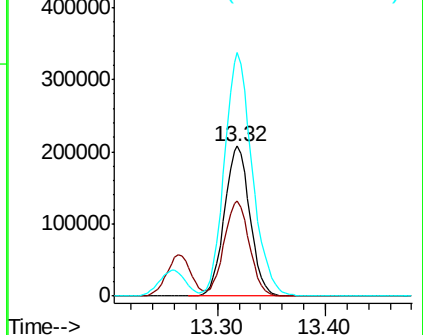


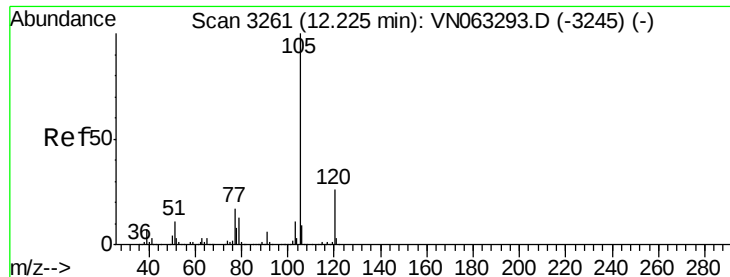
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063305.D
Acq: 11 Sep 2020 10:32

Tgt Ion:152 Resp: 341471
Ion Ratio Lower Upper
152 100
115 62.5 31.5 94.5
150 175.5 0.0 344.0



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: 50.374 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

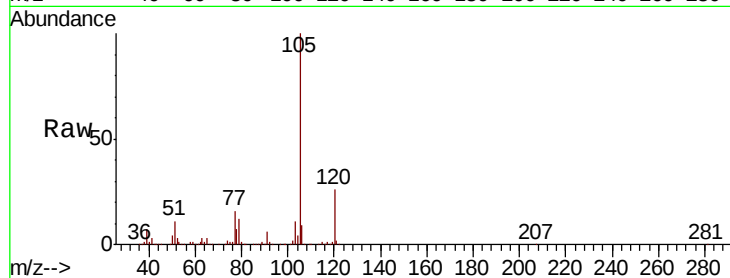
ClientSampled :

Tot Ion:105 Resp: 1387441

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

400000

200000

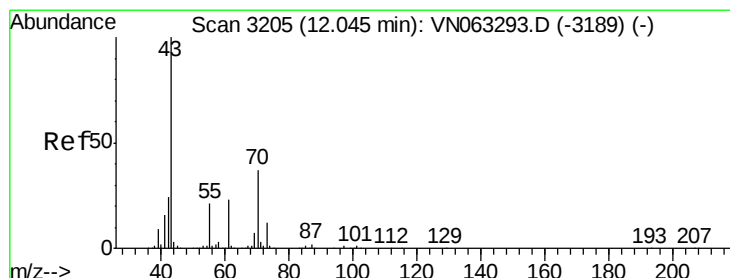
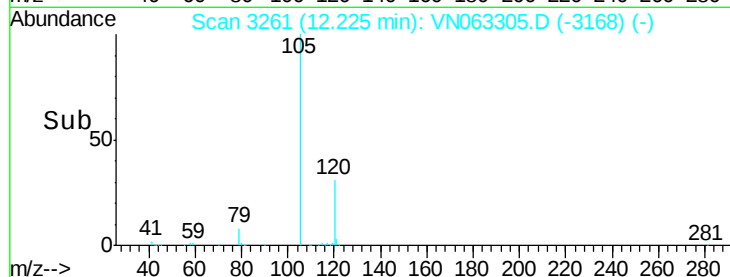
0

12.23

12.20

12.30

Time-->



#74

N-ethyl acetate

Concen: 54.307 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Tgt Ion: 43 Resp: 614093

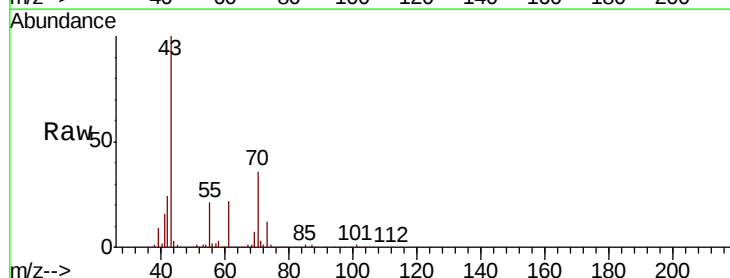
Ion Ratio Lower Upper

43 100

70 36.3 29.3 43.9

55 21.7 17.0 25.6

61 21.4 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

600000

500000

400000

300000

200000

100000

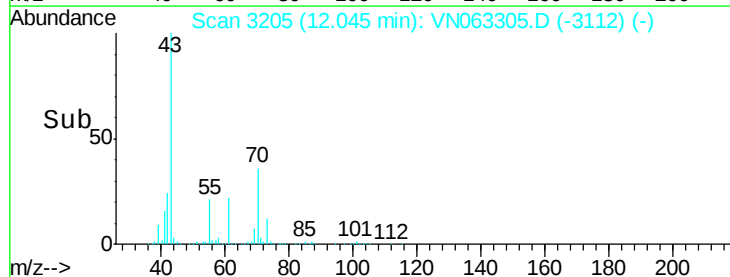
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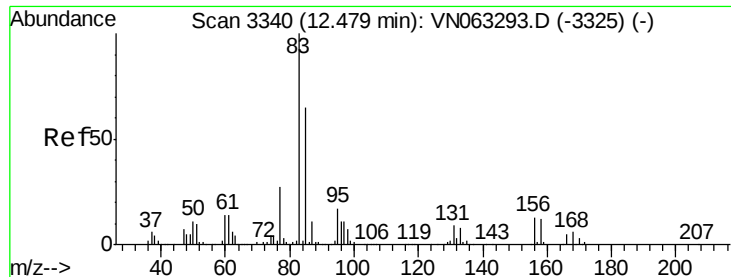
12.05

12.00

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.238 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

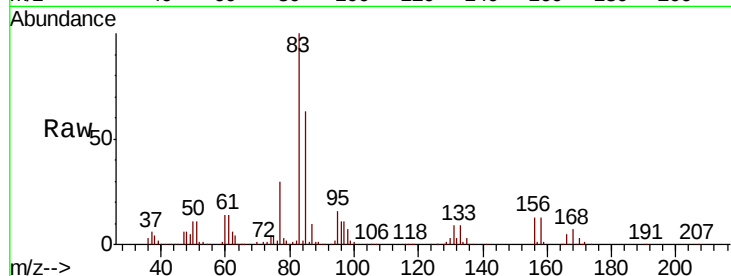
Tot Ion: 83 Resp: 388394

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.1

85 63.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN063305.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063305.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063305.D (-3247) (-)

12.48

250000

200000

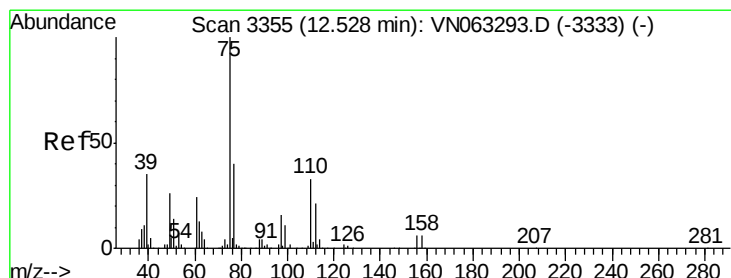
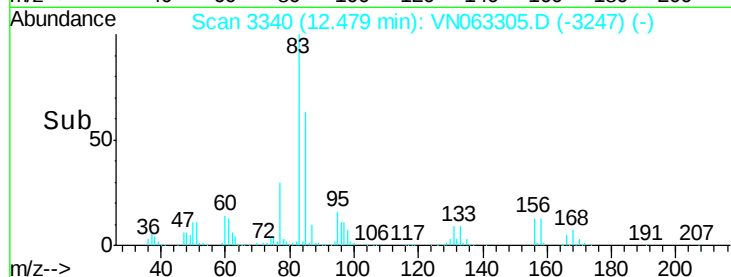
150000

100000

50000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 73.684 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063305.D

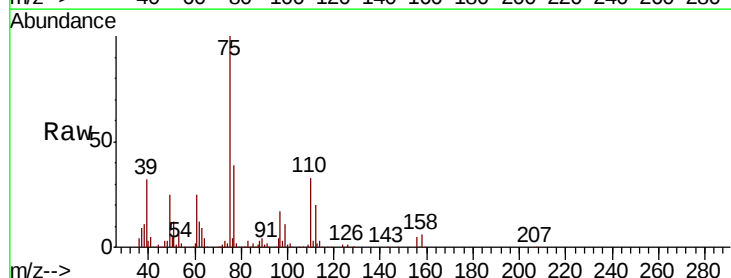
Acq: 11 Sep 2020 10:32

Tgt Ion: 75 Resp: 555091

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063305.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063305.D (-3262) (-)

400000

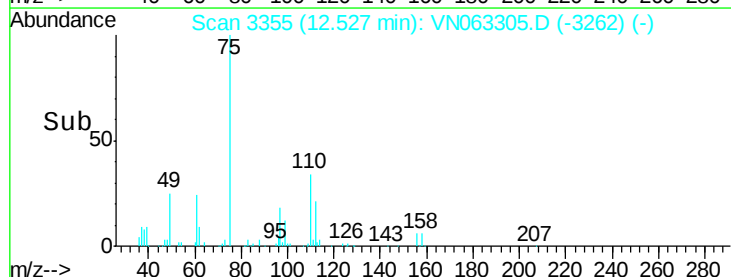
300000

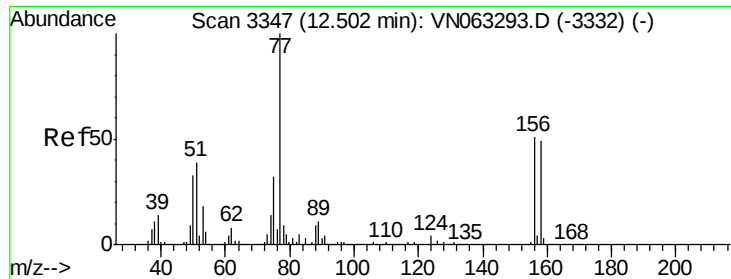
200000

100000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 49.847 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

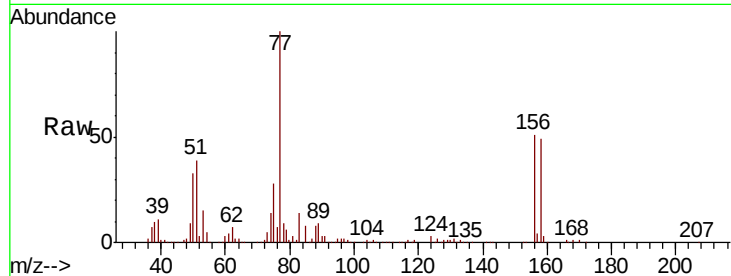
Tot Ion:156 Resp: 315583

Ion Ratio Lower Upper

156 100

77 233.9 117.4 352.2

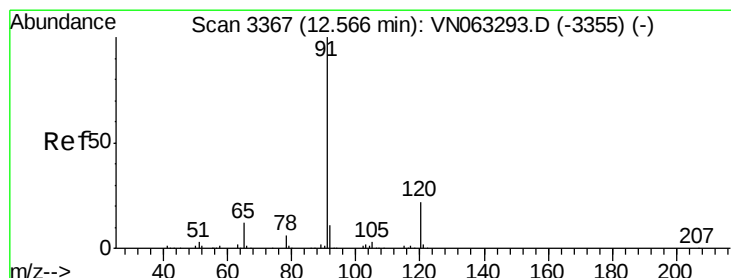
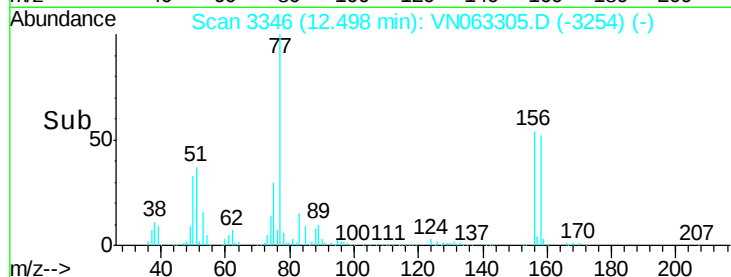
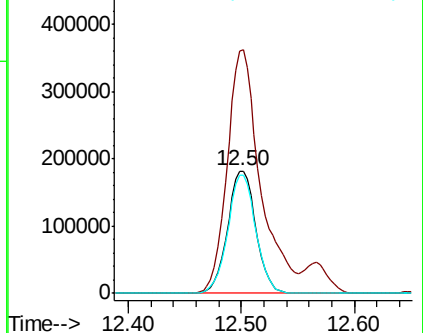
158 96.5 48.8 146.4



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: 53.089 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063305.D

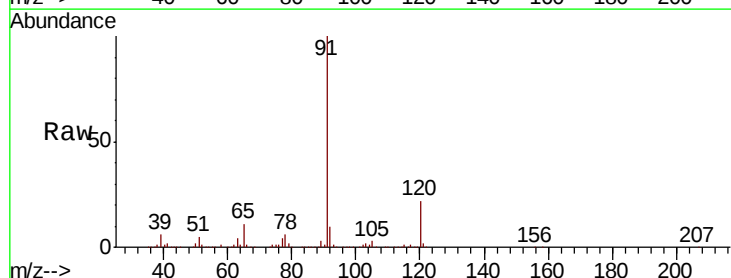
Acq: 11 Sep 2020 10:32

Tgt Ion: 91 Resp: 1661116

Ion Ratio Lower Upper

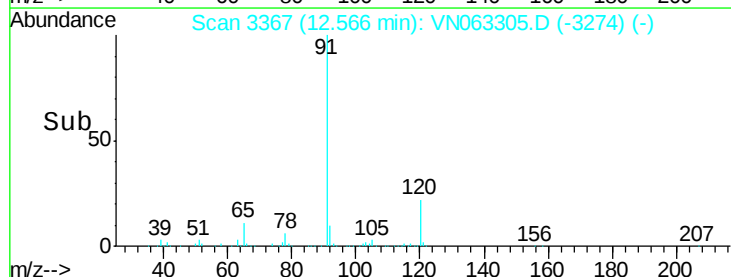
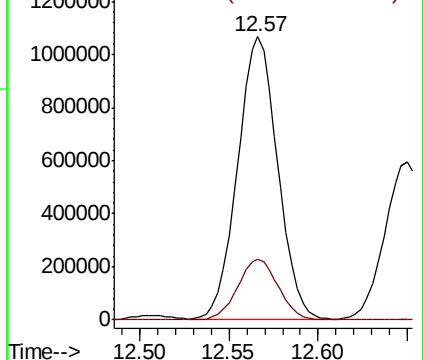
91 100

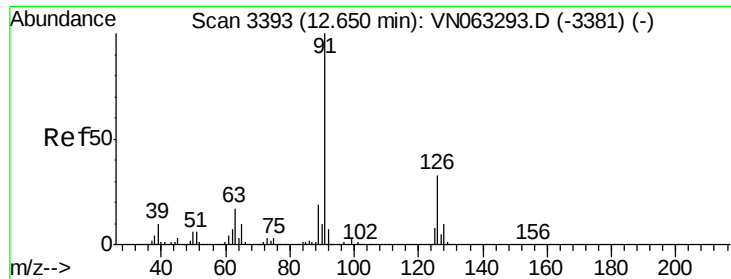
120 21.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.780 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

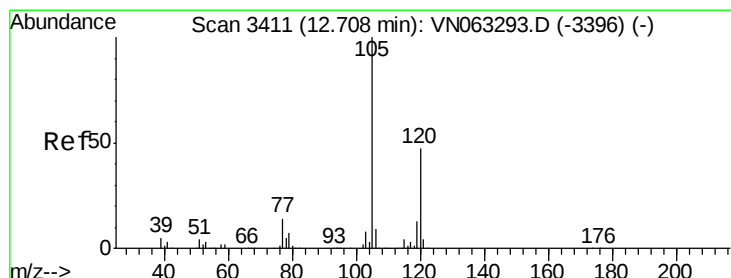
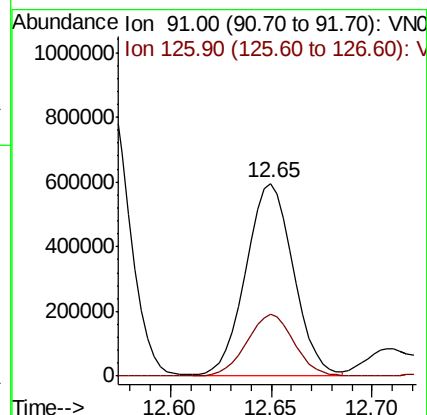
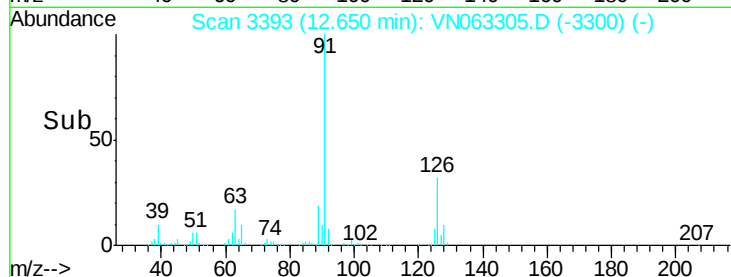
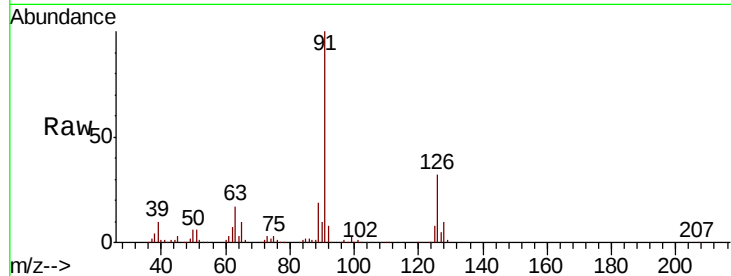
ClientSampled :

Tot Ion: 91 Resp: 976948

Ion Ratio Lower Upper

91 100

126 32.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 52.199 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063305.D

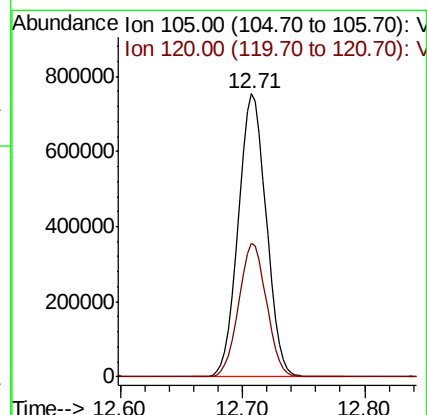
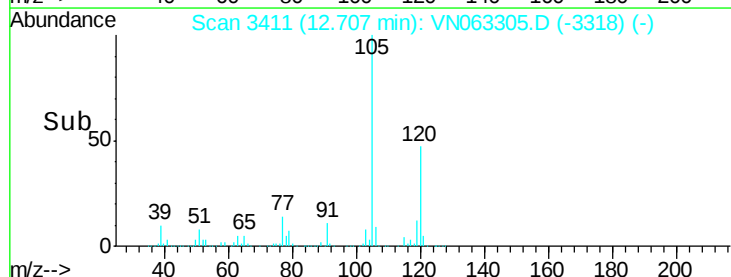
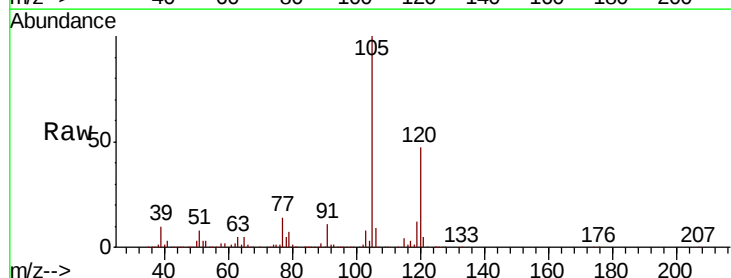
Acq: 11 Sep 2020 10:32

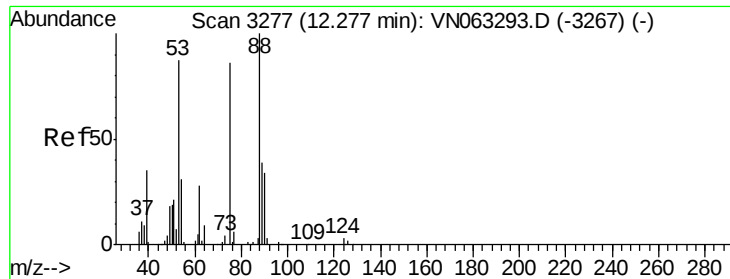
Tgt Ion:105 Resp: 1193803

Ion Ratio Lower Upper

105 100

120 46.9 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.470 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

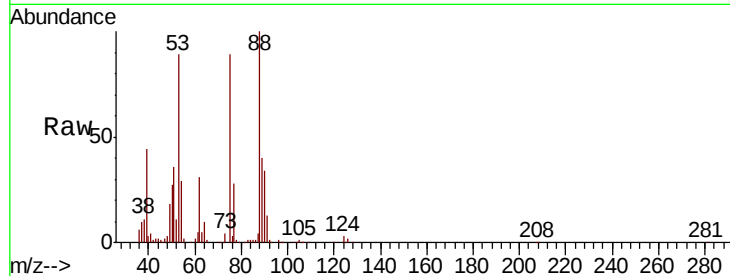
Tot Ion: 75 Resp: 144313

Ion Ratio Lower Upper

75 100

53 101.9 81.8 122.8

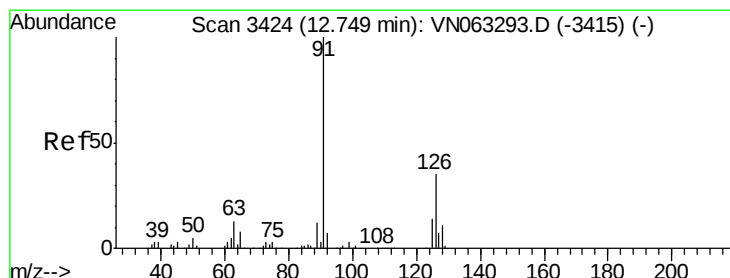
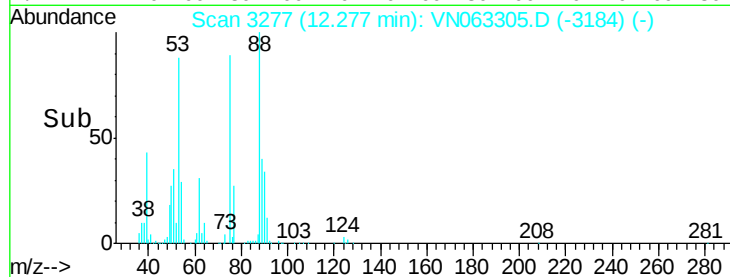
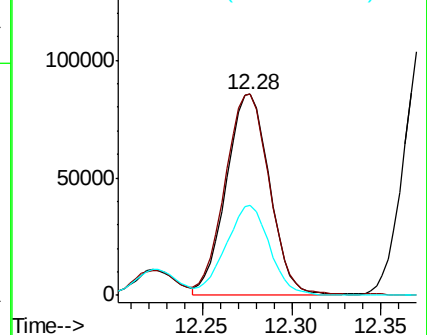
89 45.5 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.956 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063305.D

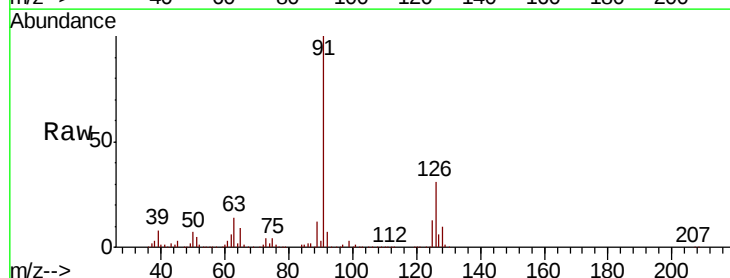
Acq: 11 Sep 2020 10:32

Tgt Ion: 91 Resp: 1027644

Ion Ratio Lower Upper

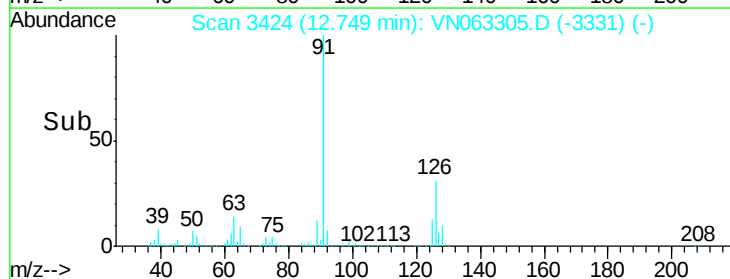
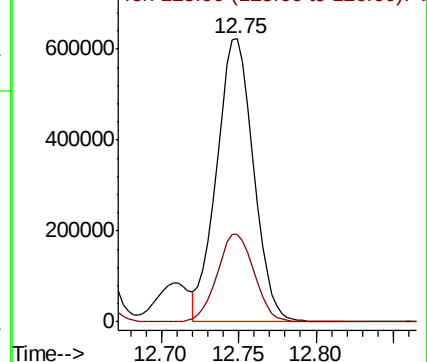
91 100

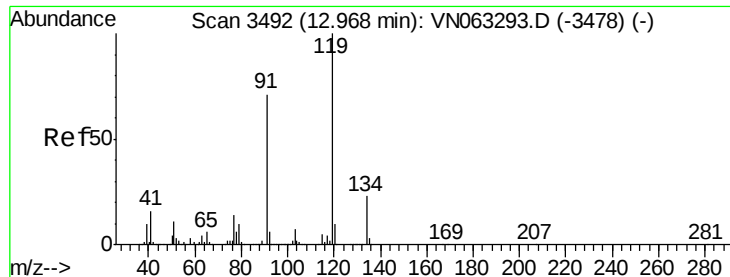
126 31.2 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.104 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063305.D

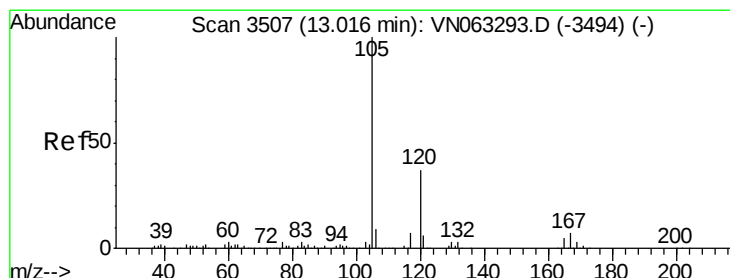
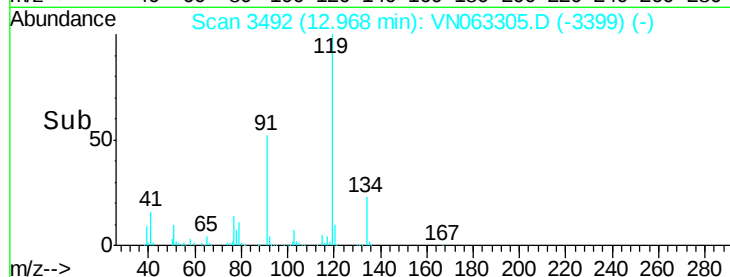
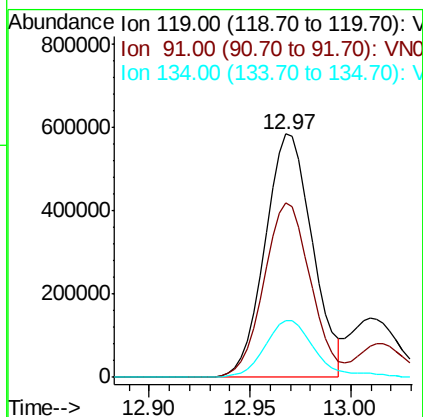
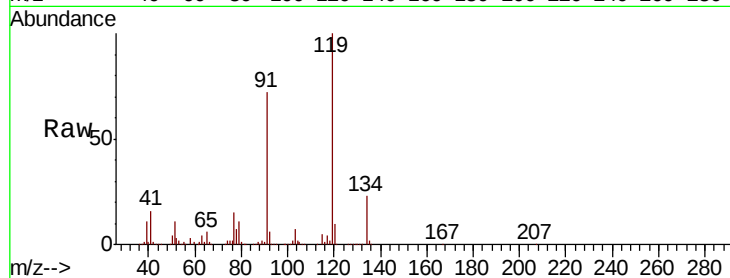
Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:119	Resp:	952427
Ion Ratio	Lower	Upper
119	100	
91	70.9	34.8 104.3
134	24.8	11.9 35.5



#84

1,2,4-Trimethylbenzene

Concen: 52.271 ug/l

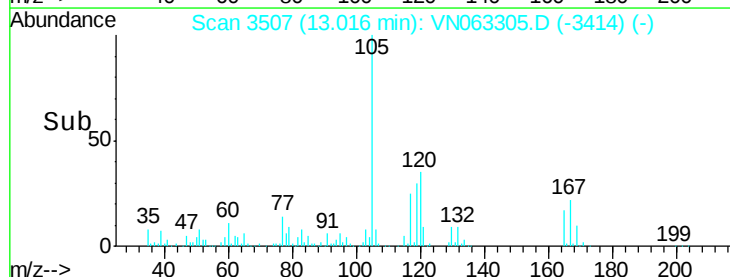
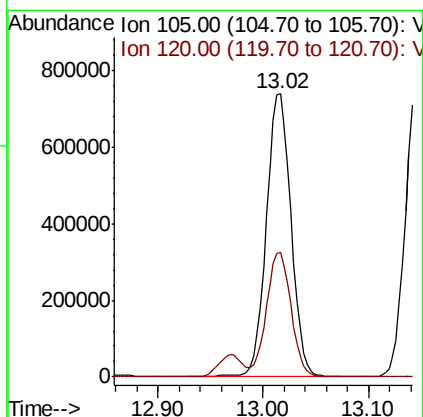
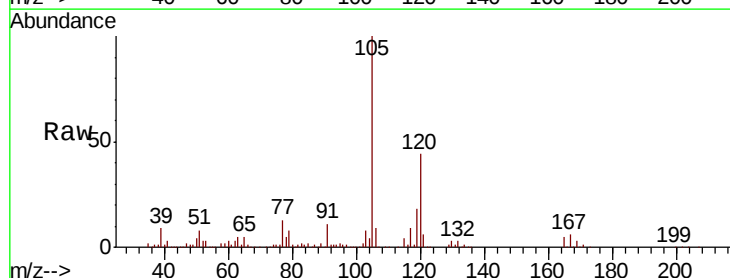
RT: 13.02 min Scan# 3507

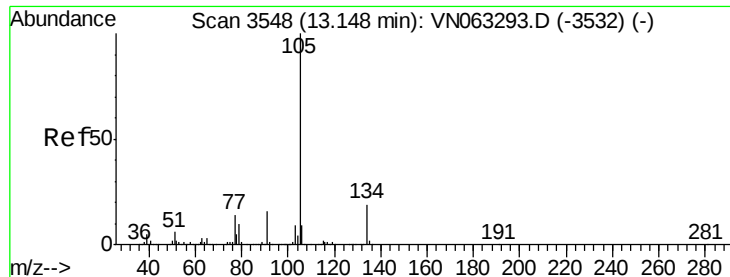
Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Tgt Ion:105	Resp:	1204967
Ion Ratio	Lower	Upper
105	100	
120	43.7	21.8 65.4





#85

sec-Butylbenzene

Concen: 52.938 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

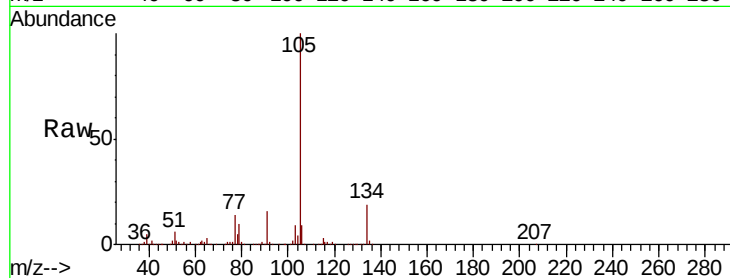
ClientSampleId :

Tot Ion:105 Resp: 1306332

Ion Ratio Lower Upper

105 100

134 18.8 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

800000

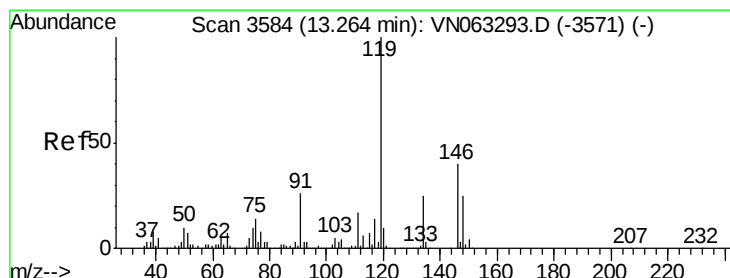
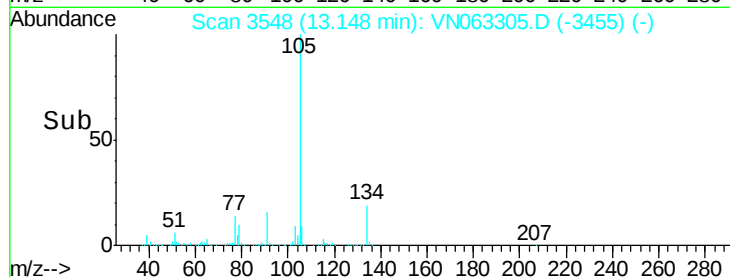
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.476 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

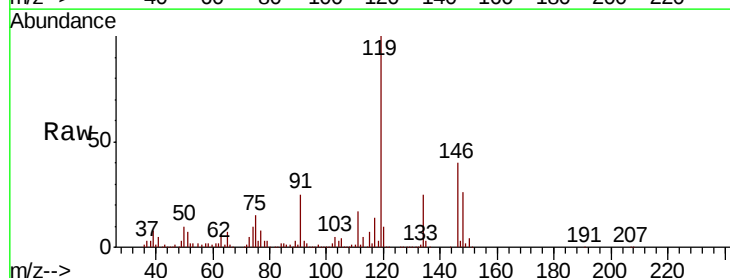
Tgt Ion:119 Resp: 1187160

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 25.0 12.8 38.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

1000000

800000

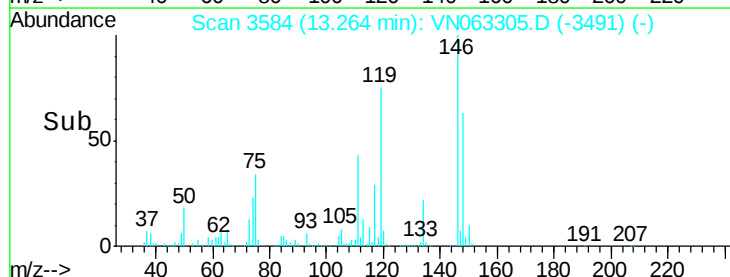
600000

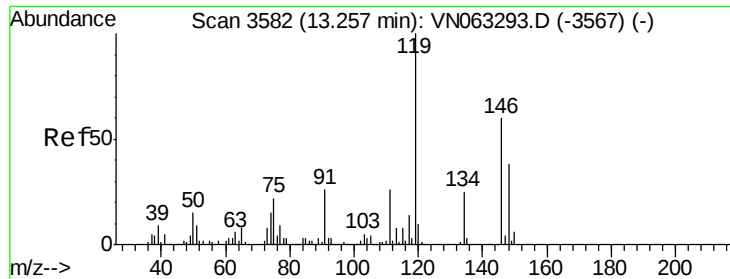
400000

200000

0

Time-->

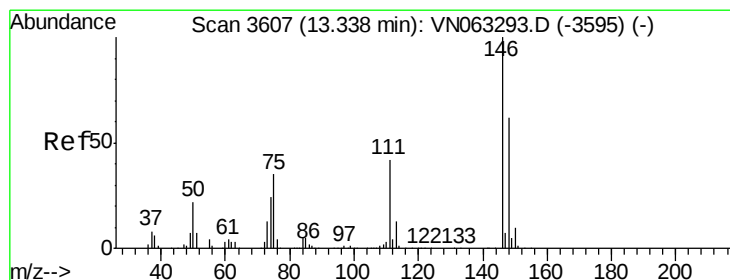
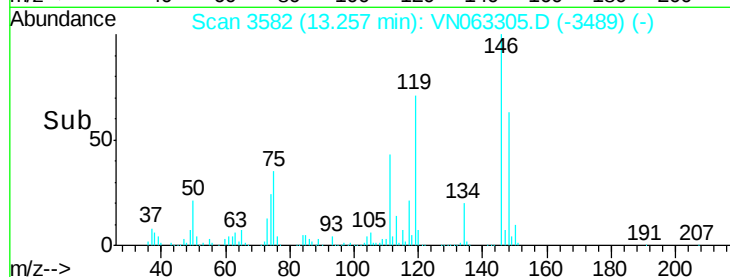
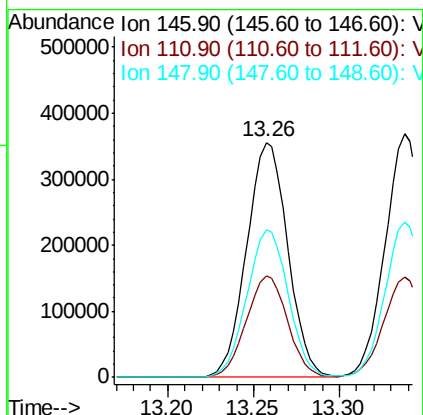
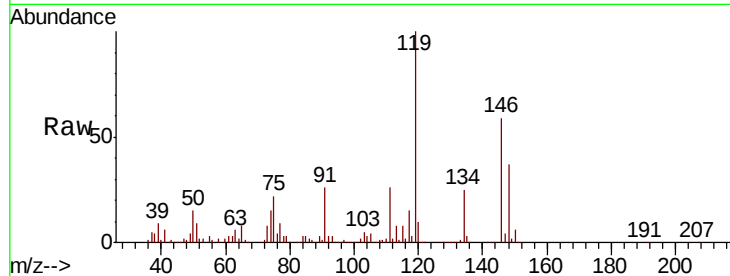




#87
 1,3-Dichlorobenzene
 Concen: 50.988 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

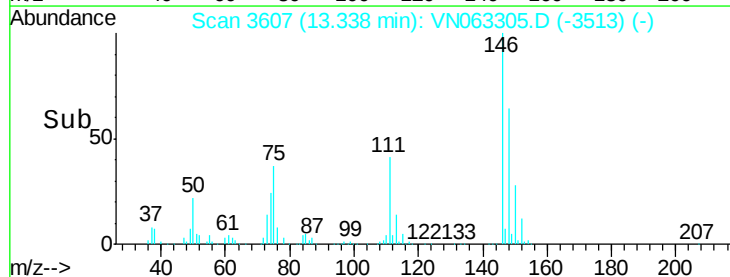
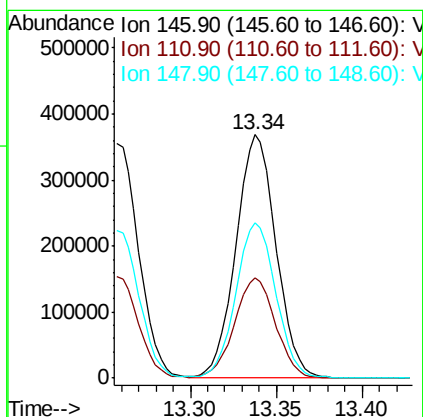
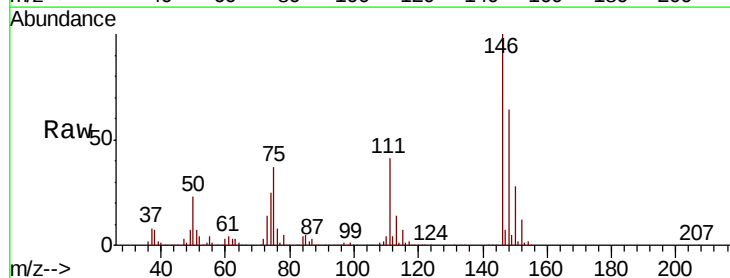
Instrument :
 MSVOA_N
 ClientSampled :

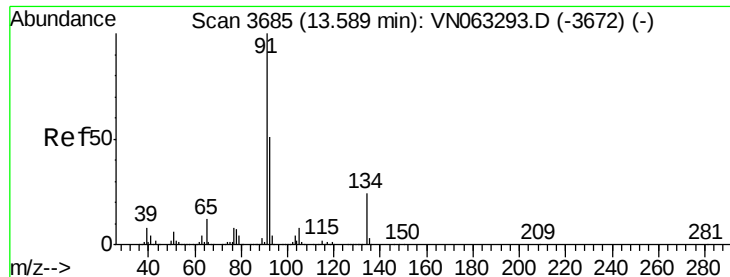
Tot Ion:146 Resp: 590154
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.8 65.4
 148 63.3 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 53.766 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion:146 Resp: 594230
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.3 64.0
 148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 53.786 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampled :

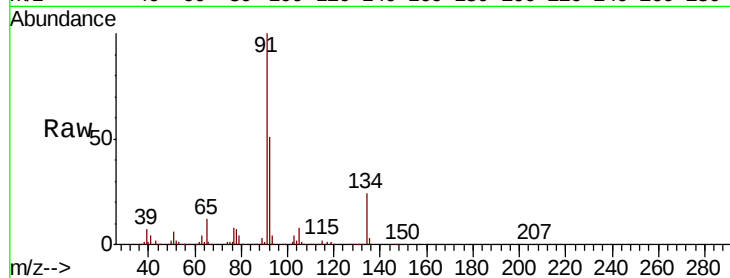
Tot Ion: 91 Resp: 1098426

Ion Ratio Lower Upper

91 100

92 51.6 25.8 77.3

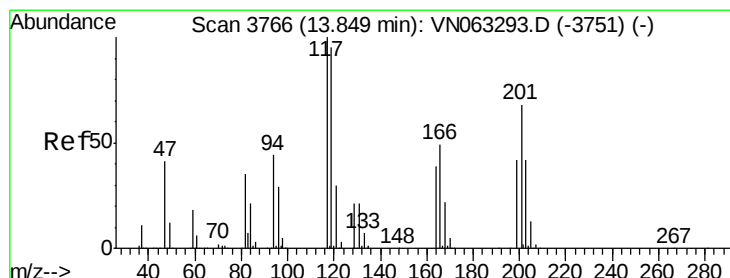
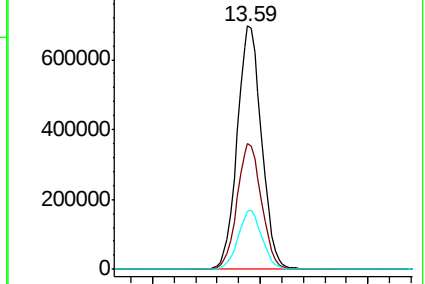
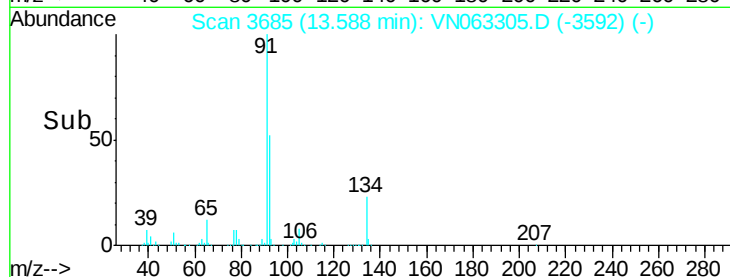
134 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN063305.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063305.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063305.D (-3592) (-)



#90

Hexachloroethane

Concen: 55.461 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063305.D

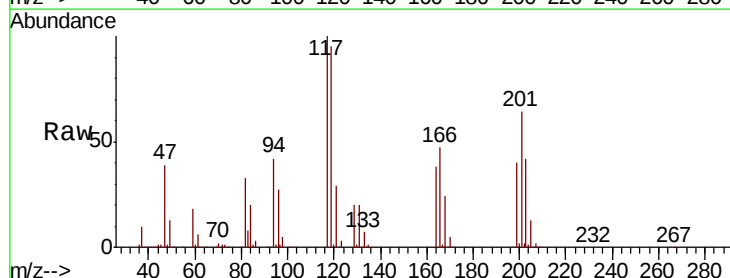
Acq: 11 Sep 2020 10:32

Tgt Ion: 117 Resp: 206384

Ion Ratio Lower Upper

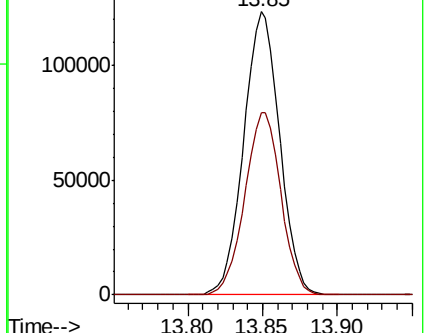
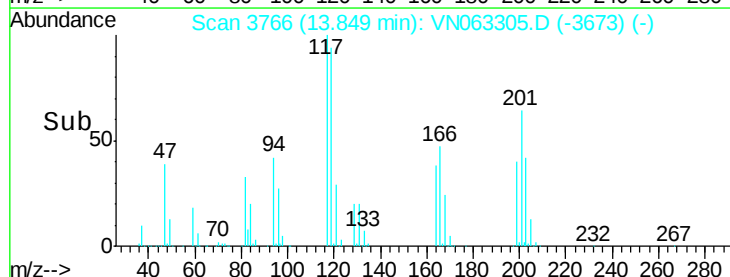
117 100

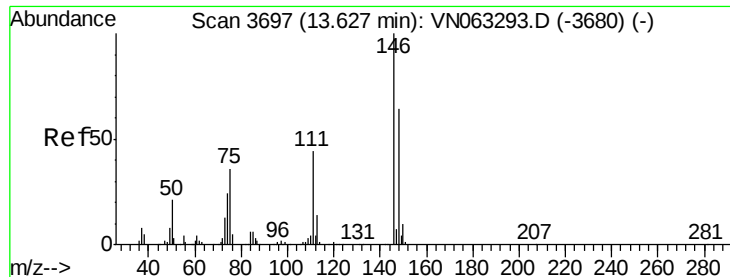
201 64.7 33.5 100.4



Abundance Ion 116.80 (116.50 to 117.50): VN063305.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063305.D (-3673) (-)

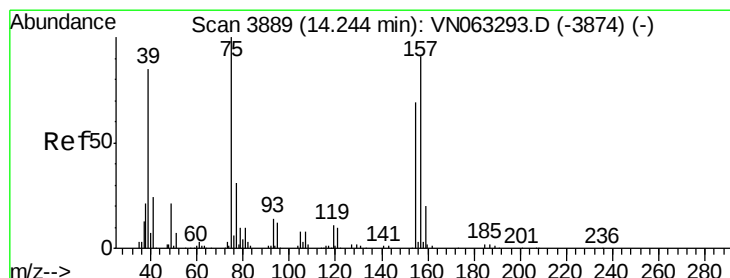
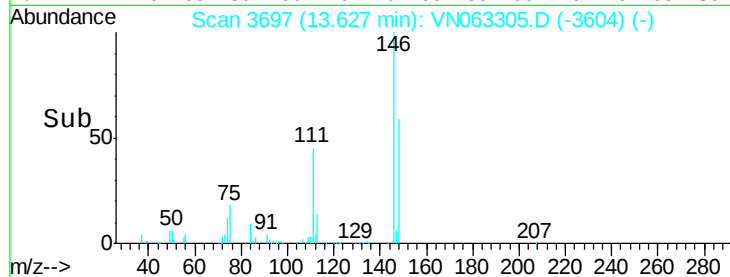
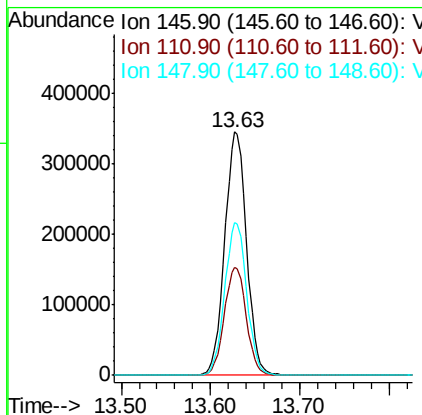
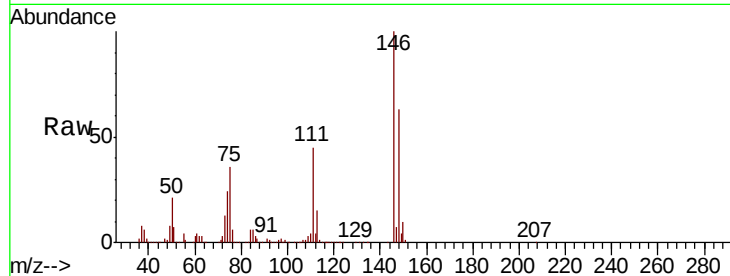




#91
 1,2-Dichlorobenzene
 Concen: 50.904 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

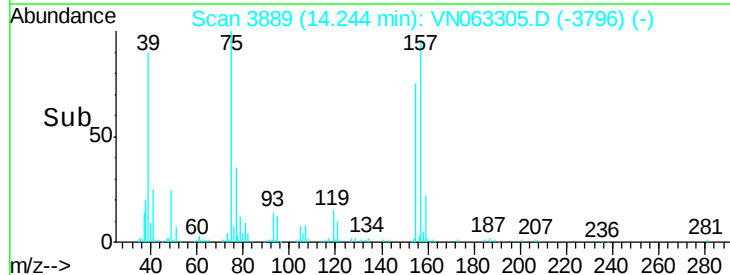
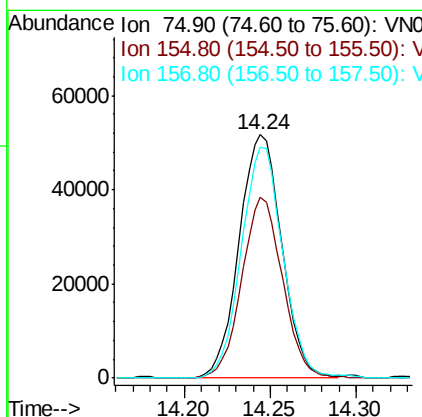
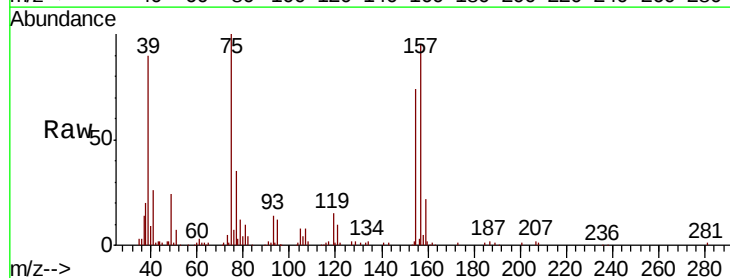
Instrument :
 MSVOA_N
 ClientSampleId :

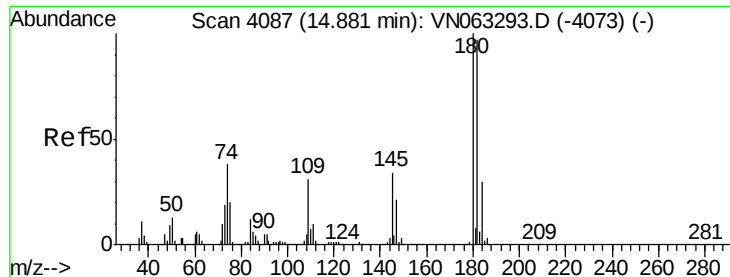
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.1	66.5
148	63.3	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.837 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.0	35.3	105.7
157	92.9	46.7	140.0

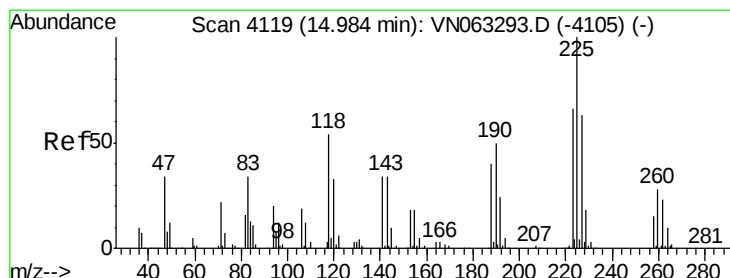
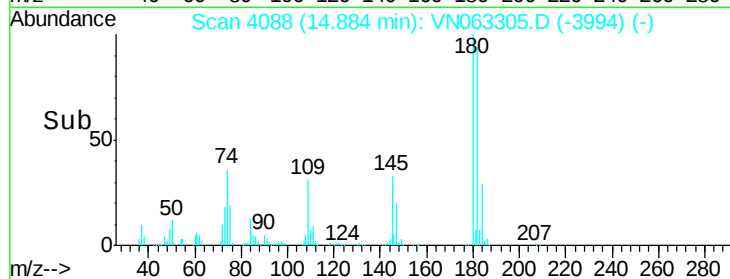
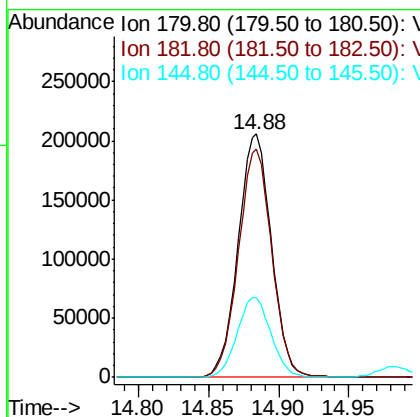
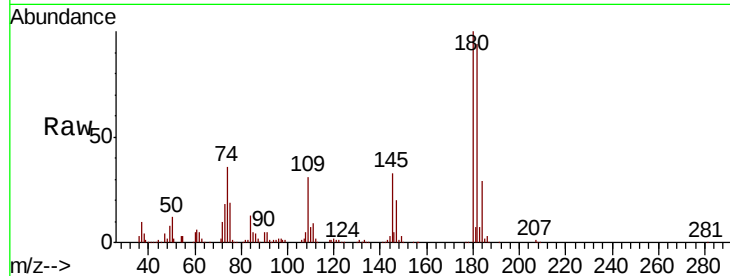




#93
 1,2,4-Trichlorobenzene
 Concen: 50.849 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

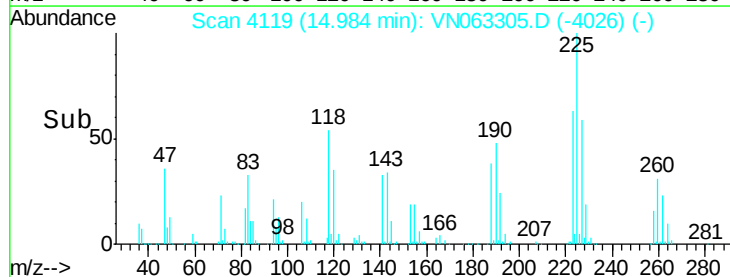
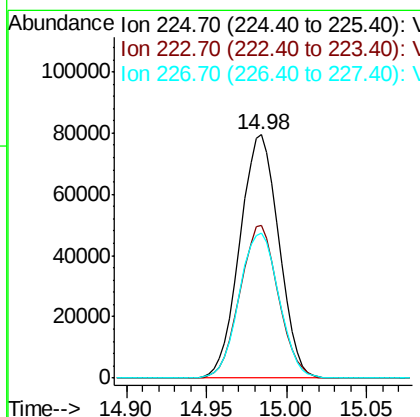
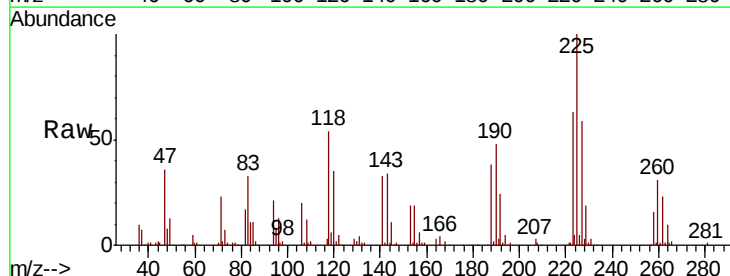
Instrument :
 MSVOA_N
 ClientSampled :

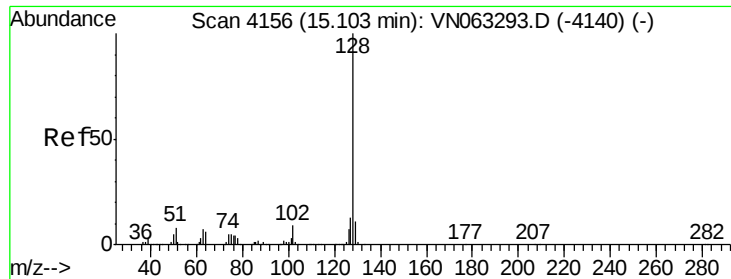
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.0	144.2
145	33.4	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 55.027 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063305.D
 Acq: 11 Sep 2020 10:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.3	93.9
227	60.7	31.2	93.6





#95

Naphthalene

Concen: 51.284 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

Instrument :

MSVOA_N

ClientSampleId :

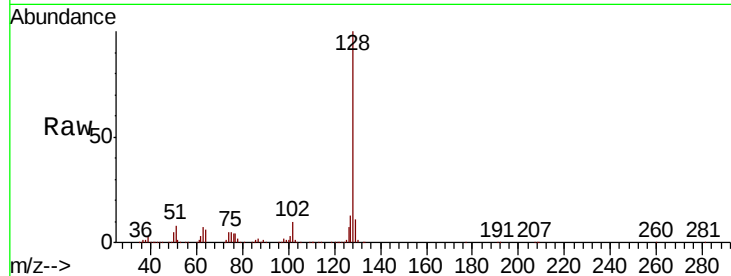
Tot Ion:128 Resp: 1031935

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

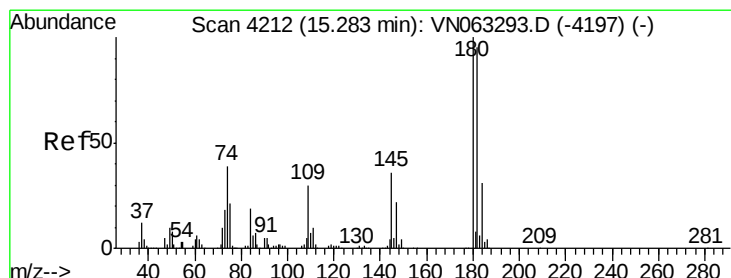
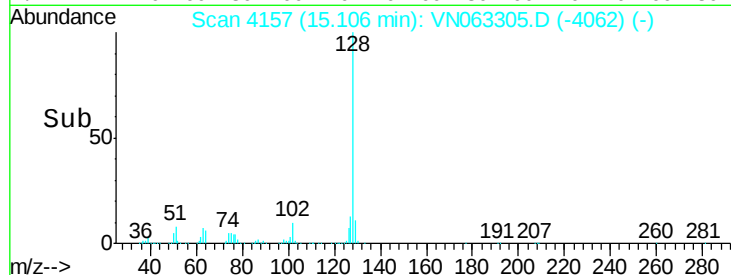
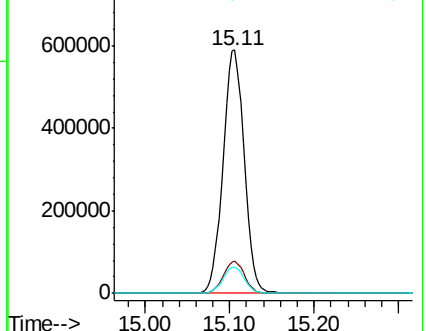
129 11.0 8.6 12.8



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: 53.385 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063305.D

Acq: 11 Sep 2020 10:32

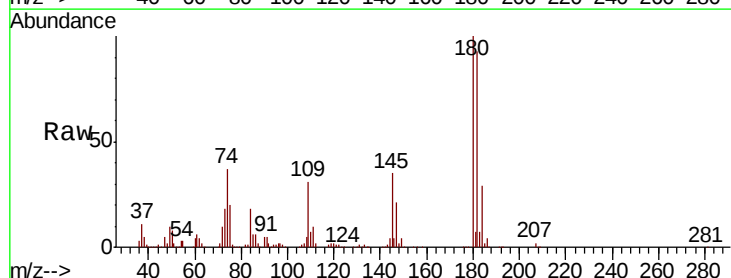
Tgt Ion:180 Resp: 320448

Ion Ratio Lower Upper

180 100

182 93.3 47.4 142.3

145 34.9 17.2 51.6



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

