

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055535.D
 Acq On : 10 May 2019 7:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 10 09:24:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	683165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1209206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1057660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	437068	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	521408	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
35) Dibromofluoromethane	7.59	113	407467	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
50) Toluene-d8	10.09	98	1597390	52.55	ug/l	0.00
Spiked Amount			Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.40	95	539046	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	317876	45.702	ug/l	100
3) Chloromethane	2.06	50	519617	45.985	ug/l	99
4) Vinyl Chloride	2.19	62	510326	47.843	ug/l	100
5) Bromomethane	2.54	94	288632	49.387	ug/l	100
6) Chloroethane	2.70	64	317852	51.158	ug/l	98
7) Trichlorofluoromethane	3.02	101	581585	49.701	ug/l	99
8) Diethyl Ether	3.41	74	260503	49.569	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	352556	47.355	ug/l	98
10) Methyl Iodide	3.95	142	501304	49.819	ug/l	99
11) Tert butyl alcohol	4.81	59	348202	229.266	ug/l	100
12) 1,1-Dichloroethene	3.73	96	373249	49.989	ug/l	99
13) Acrolein	3.61	56	224703	221.994	ug/l	98
14) Allyl chloride	4.32	41	719251	47.025	ug/l	99
15) Acrylonitrile	4.99	53	1127103	239.666	ug/l	100
16) Acetone	3.82	43	901066	189.188	ug/l	99
17) Carbon Disulfide	4.05	76	1016747	49.893	ug/l	100
18) Methyl Acetate	4.33	43	470752	47.034	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	1253576	50.527	ug/l	97
20) Methylene Chloride	4.55	84	460840	47.318	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	405383	50.076	ug/l	96
22) Diisopropyl ether	5.96	45	1572269	50.586	ug/l	96
23) Vinyl Acetate	5.90	43	6054113	251.867	ug/l	100
24) 1,1-Dichloroethane	5.85	63	837369	49.908	ug/l	99
25) 2-Butanone	6.84	43	1467100	222.989	ug/l	98
26) 2,2-Dichloropropane	6.83	77	369139	35.293	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	475926	50.870	ug/l	98
28) Bromochloromethane	7.19	49	441365	50.654	ug/l	96
29) Tetrahydrofuran	7.22	42	1011439	232.545	ug/l	99
30) Chloroform	7.37	83	784296	50.565	ug/l	99
31) Cyclohexane	7.65	56	771339	46.464	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	609608	51.611	ug/l	100
36) 1,1-Dichloropropene	7.79	75	594973	49.944	ug/l	99
37) Ethyl Acetate	6.93	43	604642	46.529	ug/l	99
38) Carbon Tetrachloride	7.77	117	502915	50.136	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	668622	46.033	ug/l	99
40) Benzene	8.04	78	1860934	50.333	ug/l	99
41) Methacrylonitrile	7.17	41	289150	47.941	ug/l	95
42) 1,2-Dichloroethane	8.12	62	624299	48.062	ug/l	100
43) Isopropyl Acetate	8.17	43	961354	48.695	ug/l	98
44) Trichloroethene	8.83	130	437283	49.707	ug/l	96
45) 1,2-Dichloropropane	9.12	63	522129	49.356	ug/l	100
46) Dibromomethane	9.21	93	304673	49.688	ug/l	99
47) Bromodichloromethane	9.40	83	595845	50.794	ug/l	98
48) Methyl methacrylate	9.20	41	460857	48.450	ug/l	100
49) 1,4-Dioxane	9.20	88	172924	932.748	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	2997350	230.845	ug/l	99
52) Toluene	10.16	92	1070556	50.649	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	569653	50.562	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	685914	50.950	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	423876	49.495	ug/l	99
56) Ethyl methacrylate	10.43	69	640113	50.251	ug/l	99
57) 1,3-Dichloropropane	10.71	76	763105	50.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	877586	206.923	ug/l	99
59) 2-Hexanone	10.75	43	2035366	223.523	ug/l	100
60) Dibromochloromethane	10.90	129	413297	53.080	ug/l	99
61) 1,2-Dibromoethane	11.00	107	423474	51.465	ug/l	98
64) Tetrachloroethene	10.63	164	426602	49.224	ug/l	99
65) Chlorobenzene	11.43	112	1097764	50.449	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	390276	52.098	ug/l	100
67) Ethyl Benzene	11.51	91	2026132	49.577	ug/l	100
68) m/p-Xylenes	11.62	106	1478711	100.823	ug/l	99
69) o-Xylene	11.95	106	728383	50.528	ug/l	99
70) Styrene	11.96	104	1215876	52.647	ug/l	99
71) Bromoform	12.13	173	269763	53.365	ug/l #	100
73) Isopropylbenzene	12.25	105	1912126	53.218	ug/l	100
74) N-amyl acetate	12.07	43	774764	46.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	591653	50.517	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	710167	59.685	ug/l #	100
77) Bromobenzene	12.53	156	443527	46.047	ug/l	96
78) n-propylbenzene	12.59	91	2164871	46.181	ug/l	100
79) 2-Chlorotoluene	12.67	91	1317568	45.099	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1624947	46.487	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	129938	40.295	ug/l	100
82) 4-Chlorotoluene	12.77	91	1285193	46.556	ug/l	98
83) tert-Butylbenzene	12.99	119	1340078	44.727	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1562806	48.750	ug/l	100
85) sec-Butylbenzene	13.17	105	1797689	45.147	ug/l	100
86) p-Isopropyltoluene	13.29	119	1521289	46.944	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	745033	50.057	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	715422	48.706	ug/l	100
89) n-Butylbenzene	13.61	91	1173497	46.717	ug/l	100
90) Hexachloroethane	13.87	117	250113	47.313	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	746779	50.202	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	92389	45.969	ug/l	95

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QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration

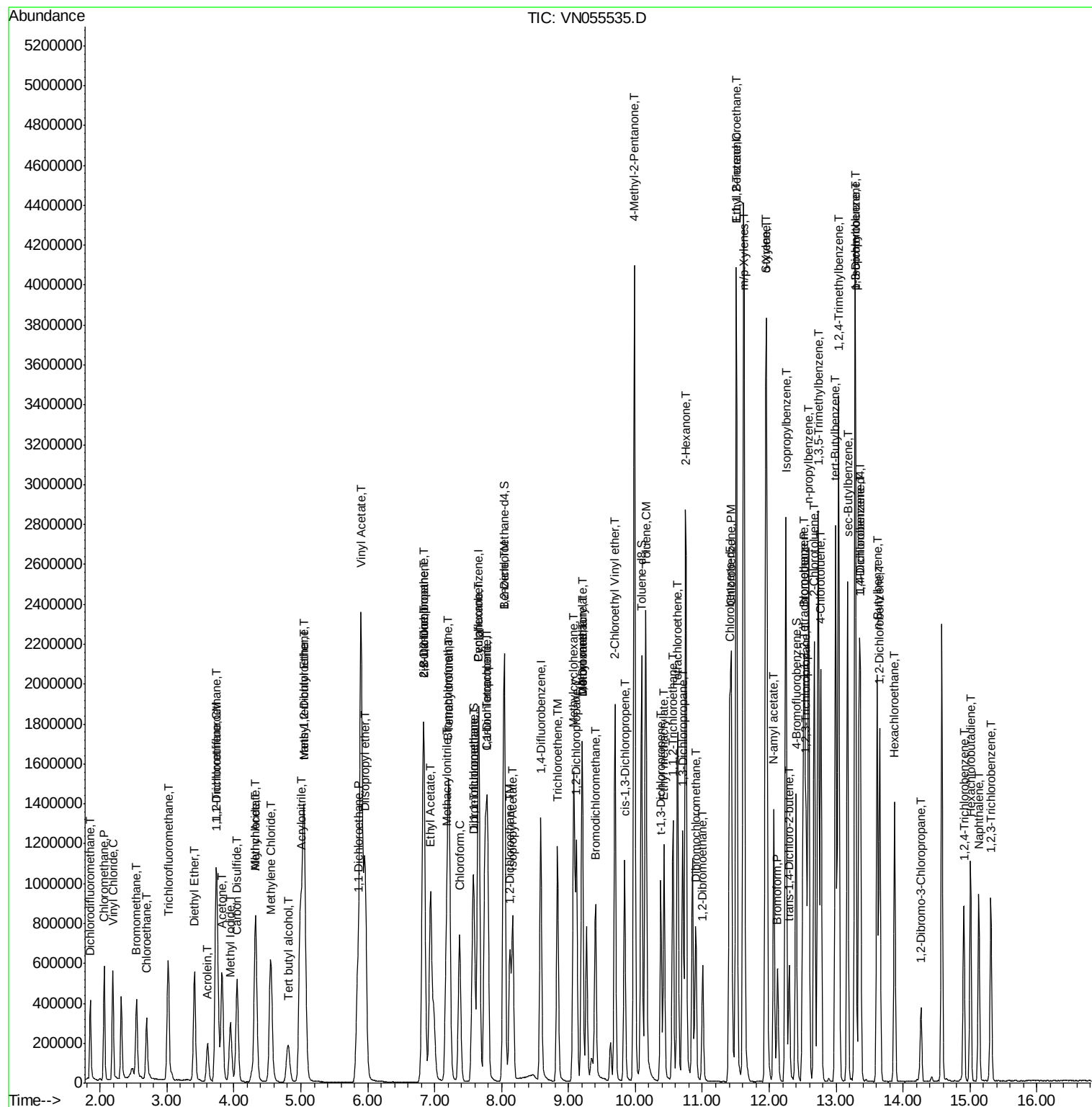
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	287907	44.807	ug/l	99
94) Hexachlorobutadiene	15.01	225	221340	50.295	ug/l	99
95) Naphthalene	15.13	128	790721	43.779	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	321633	46.059	ug/l	100

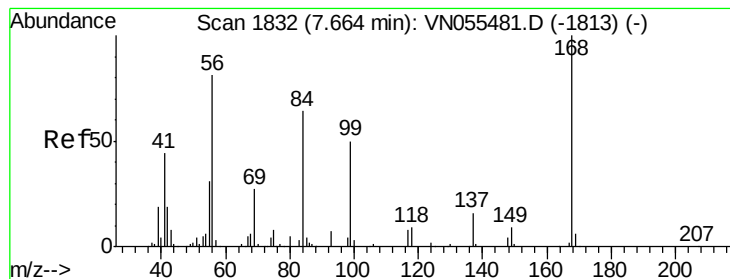
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

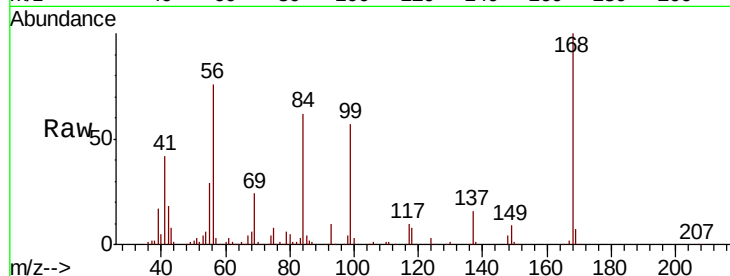
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 683165

Ion Ratio Lower Upper

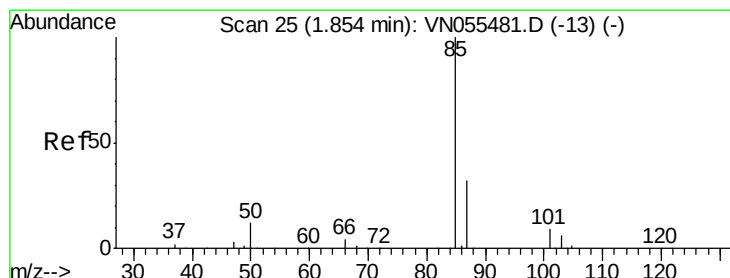
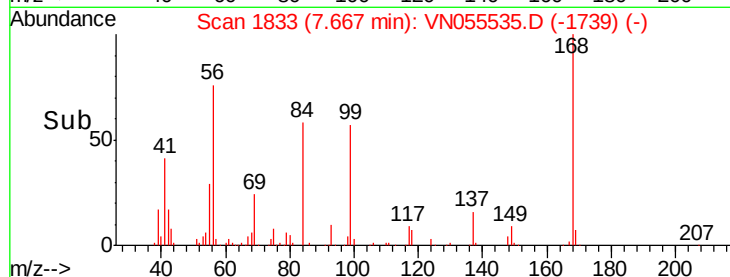
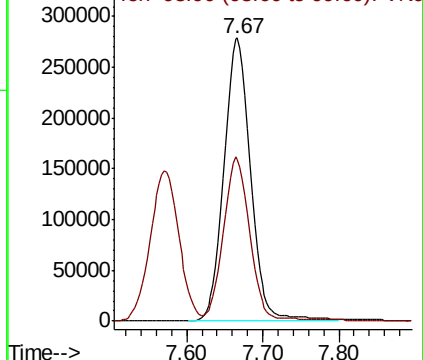
168 100

99 56.8 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 45.702 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN055535.D

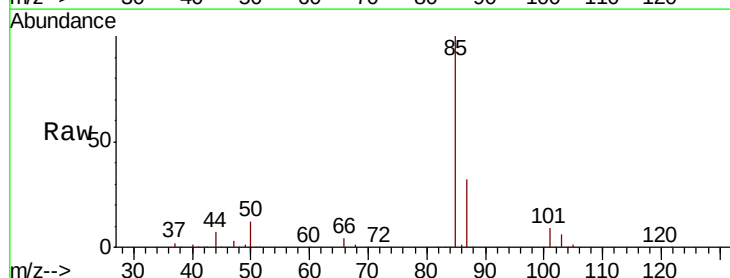
Acq: 10 May 2019 7:54

Tgt Ion: 85 Resp: 317876

Ion Ratio Lower Upper

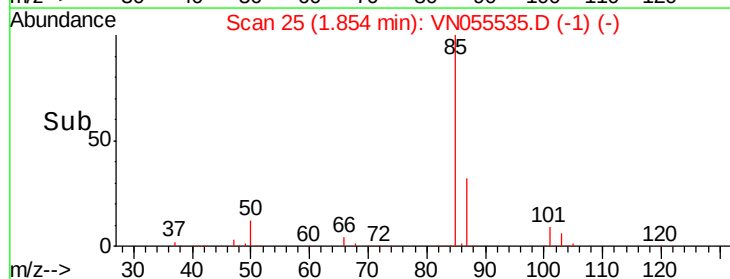
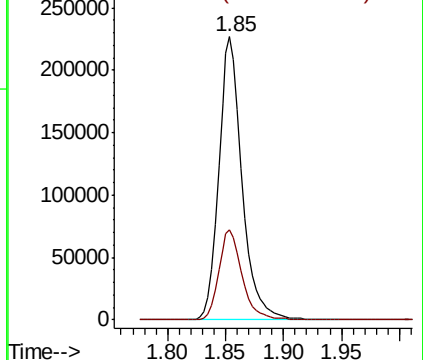
85 100

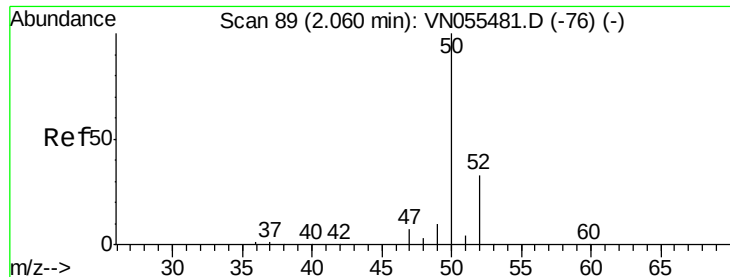
87 31.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 45.985 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

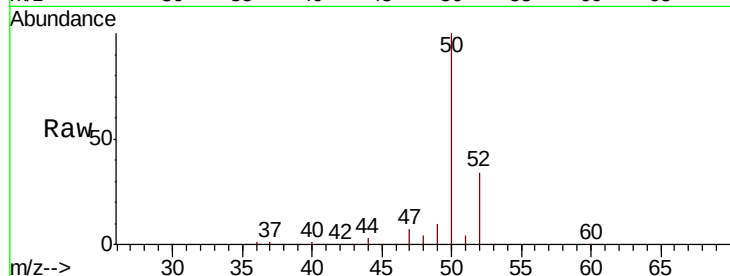
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 519617

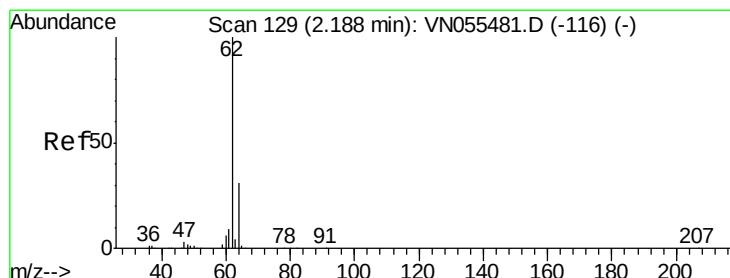
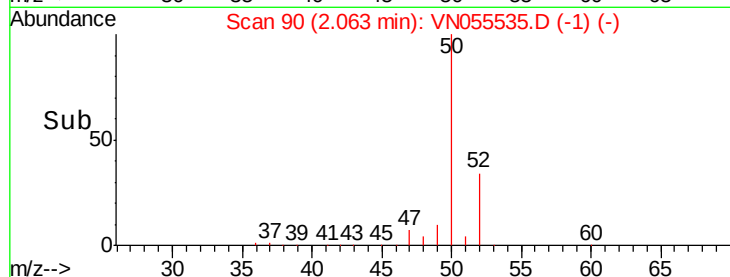
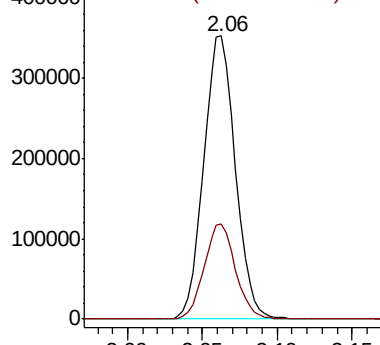
Ion Ratio Lower Upper

50 100

52 33.8 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNC
Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 47.843 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN055535.D

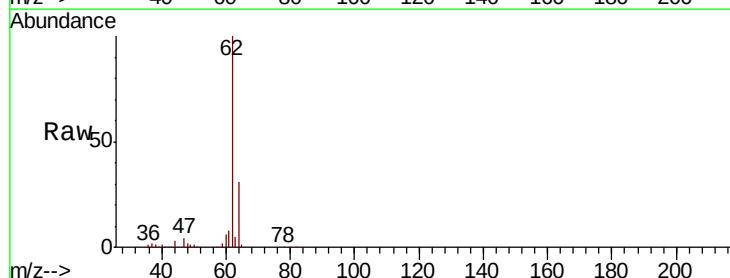
Acq: 10 May 2019 7:54

Tgt Ion: 62 Resp: 510326

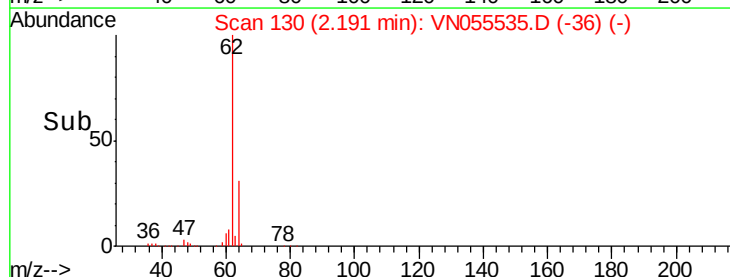
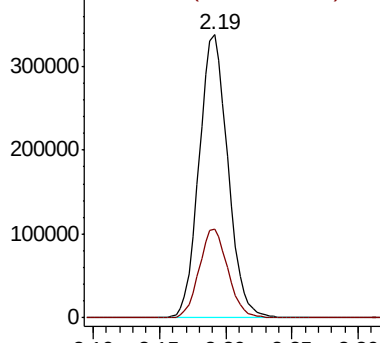
Ion Ratio Lower Upper

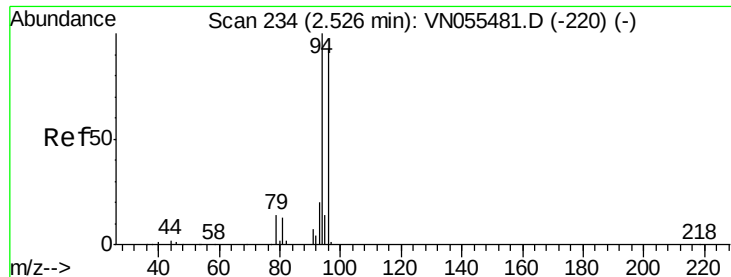
62 100

64 31.5 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 49.387 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.02 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

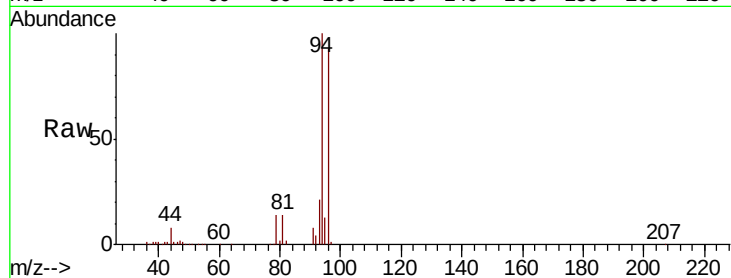
ClientSampleId :

Tot Ion: 94 Resp: 288632

Ion Ratio Lower Upper

94 100

96 93.4 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

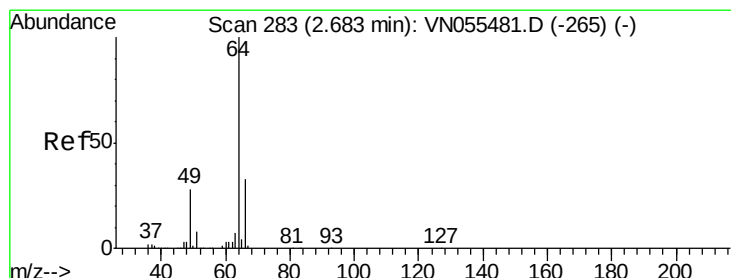
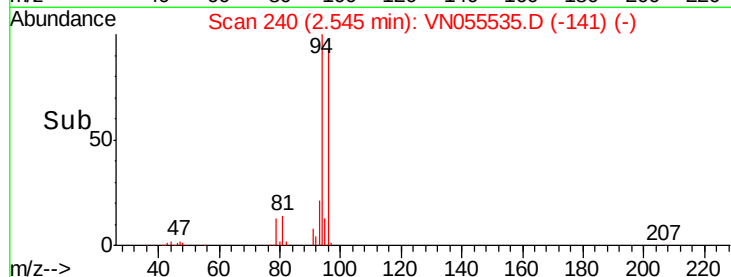
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 51.158 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.01 min

Lab File: VN055535.D

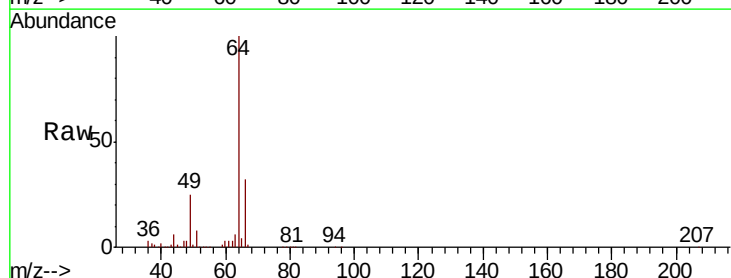
Acq: 10 May 2019 7:54

Tgt Ion: 64 Resp: 317852

Ion Ratio Lower Upper

64 100

66 31.8 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

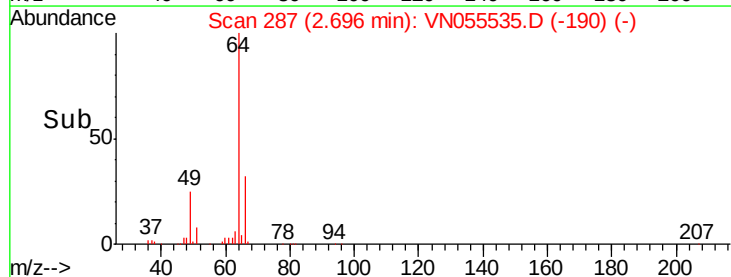
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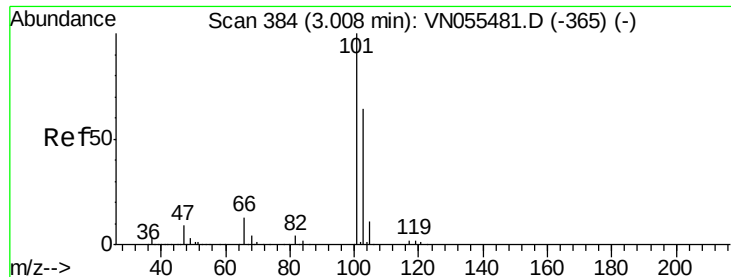
100000

50000

0

Time-->



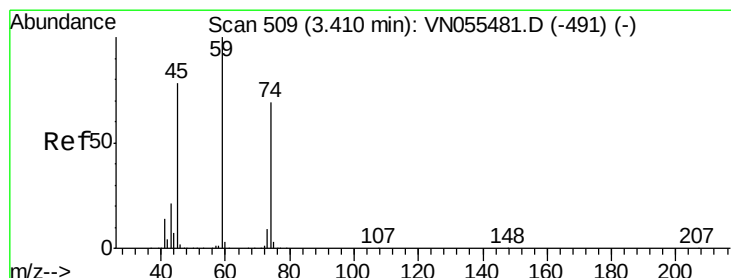
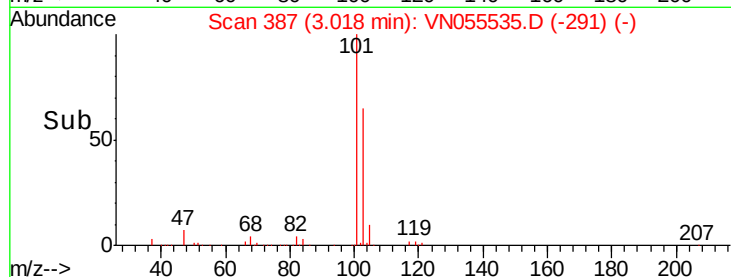
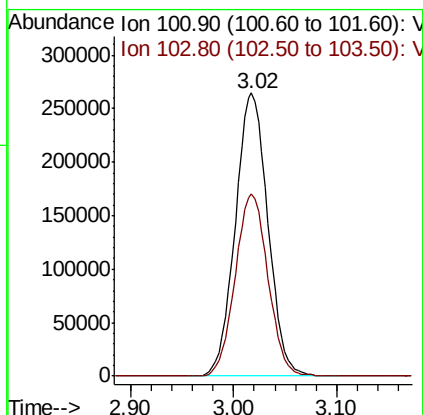
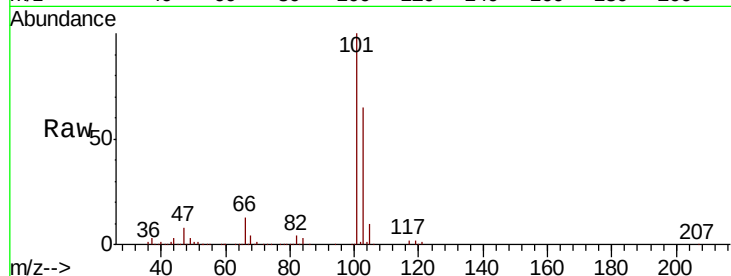


#7

Trichlorofluoromethane
 Concen: 49.701 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.01 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

Instrument :
 MSVOA_N
 ClientSampled :

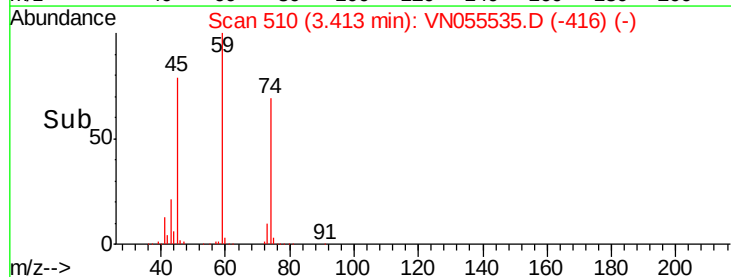
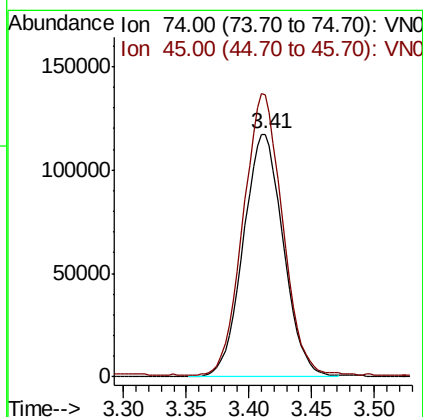
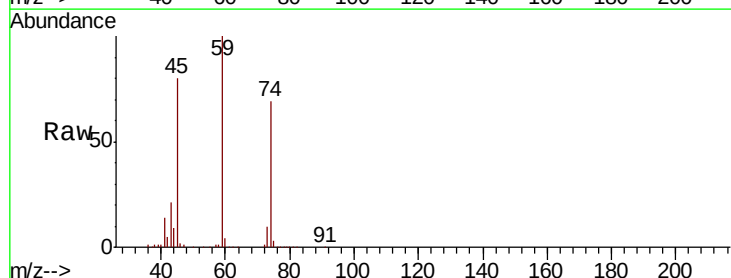
Tot Ion:101 Resp: 581585
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.2 76.8

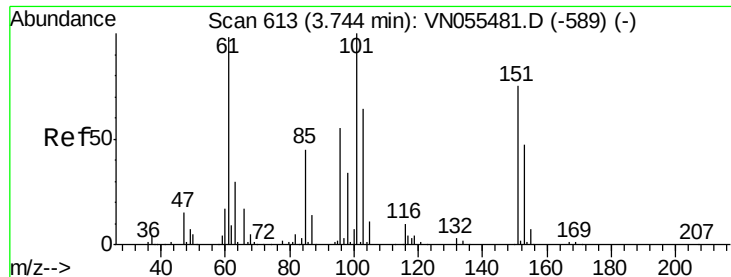


#8

Diethyl Ether
 Concen: 49.569 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

Tgt Ion: 74 Resp: 260503
 Ion Ratio Lower Upper
 74 100
 45 113.7 58.1 174.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.355 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.01 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

ClientSampleId :

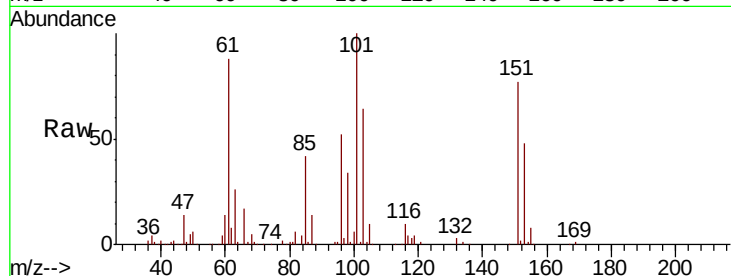
Tot Ion:101 Resp: 352556

Ion Ratio Lower Upper

101 100

85 43.5 35.5 53.3

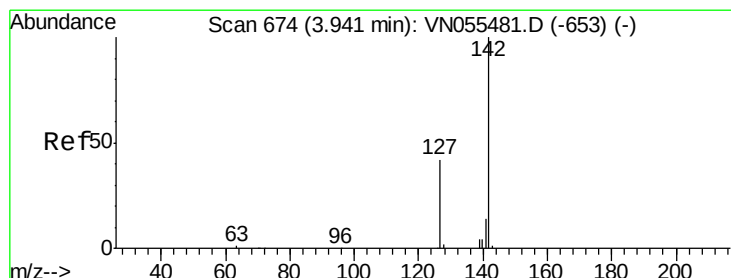
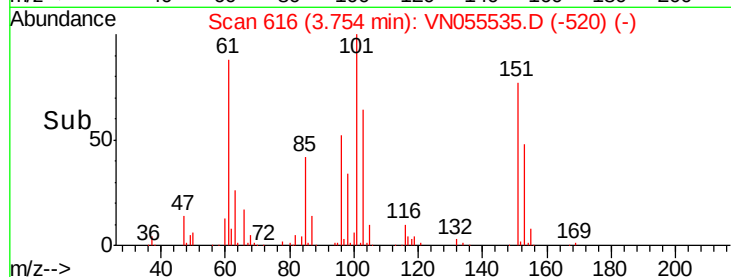
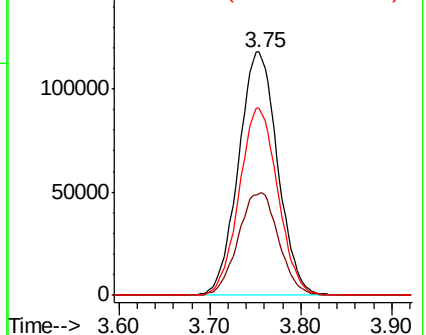
151 76.0 59.2 88.8



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: 49.819 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.01 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

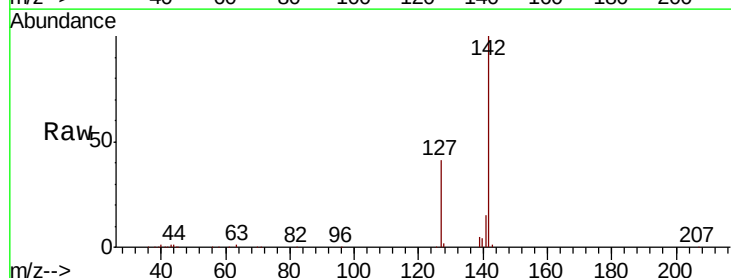
Tgt Ion:142 Resp: 501304

Ion Ratio Lower Upper

142 100

127 40.8 33.0 49.4

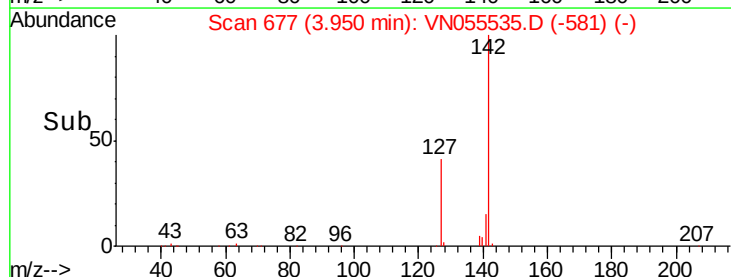
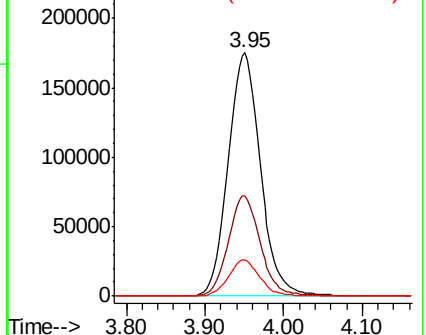
141 14.3 11.4 17.0

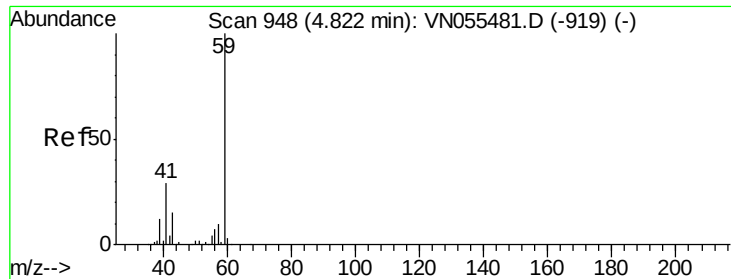


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



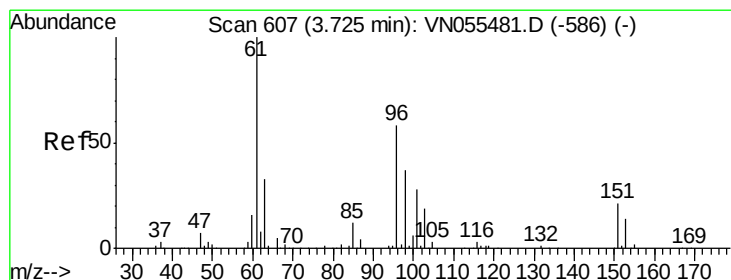
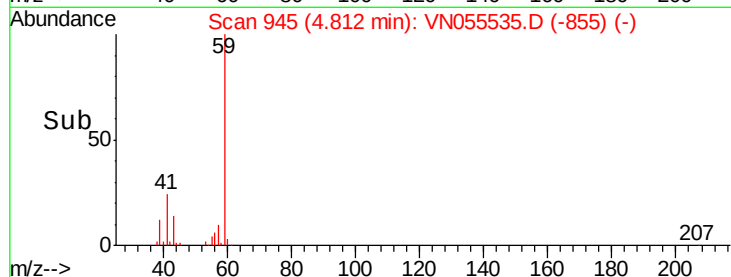
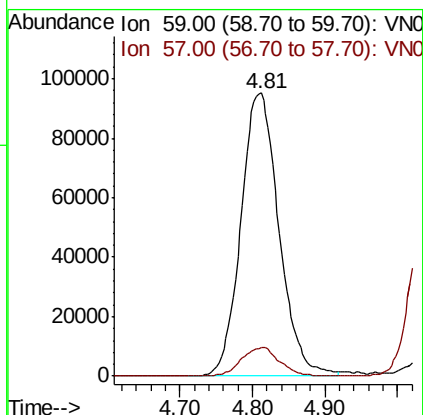
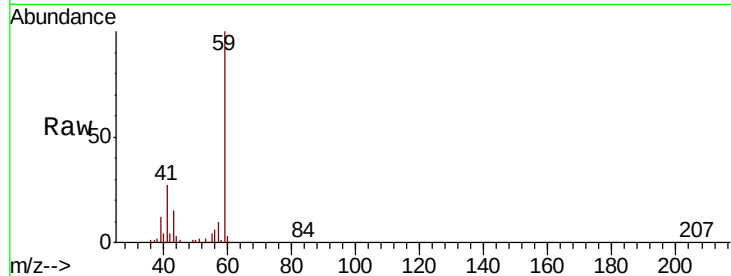


#11

Tert butyl alcohol
Concen: 229.266 ug/l
RT: 4.81 min Scan# 945
Delta R.T. -0.01 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Instrument :
MSVOA_N
ClientSampleId :

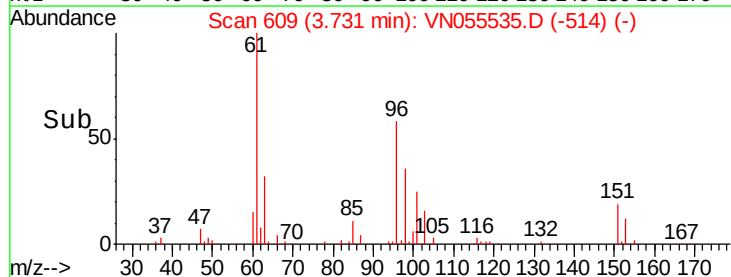
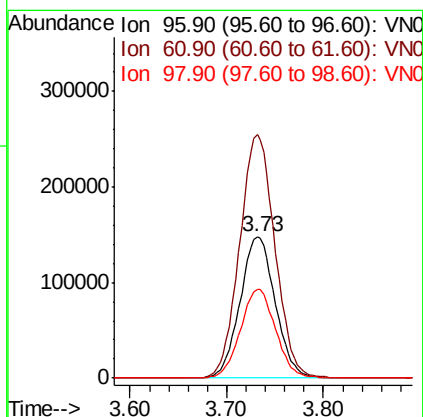
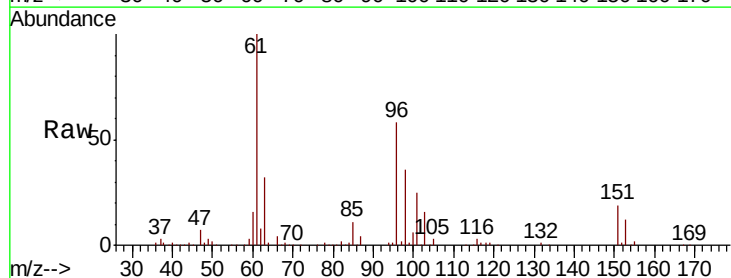
Tot Ion: 59 Resp: 348202
Ion Ratio Lower Upper
59 100
57 10.1 8.0 12.0

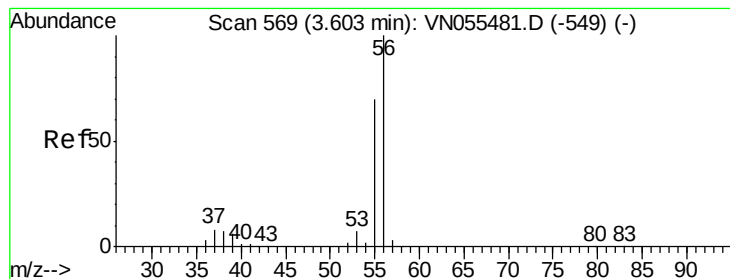


#12

1,1-Dichloroethene
Concen: 49.989 ug/l
RT: 3.73 min Scan# 609
Delta R.T. 0.01 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion: 96 Resp: 373249
Ion Ratio Lower Upper
96 100
61 172.1 138.7 208.1
98 62.6 50.6 76.0





#13

Acrolein

Concen: 221.994 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

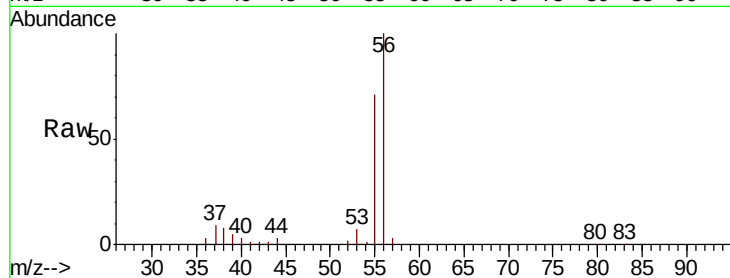
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 224703

Ion Ratio Lower Upper

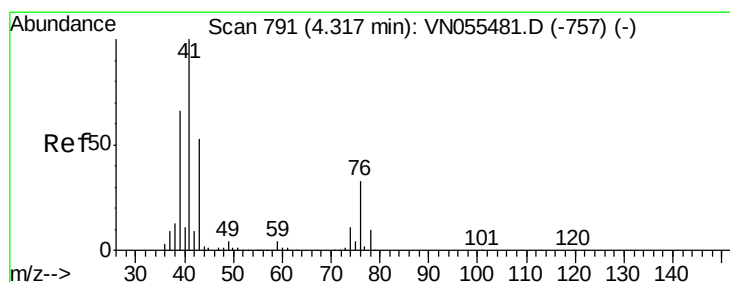
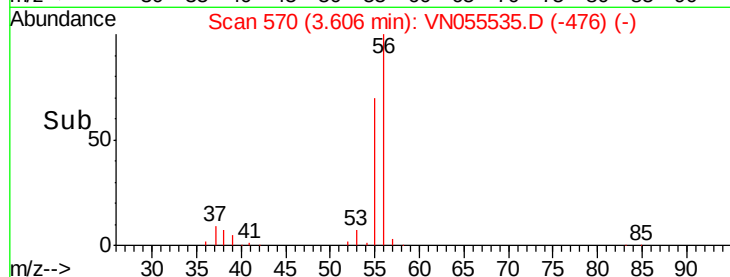
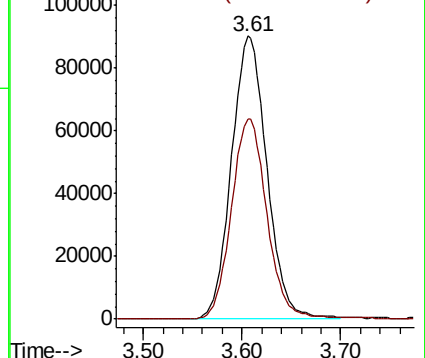
56 100

55 70.4 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.025 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

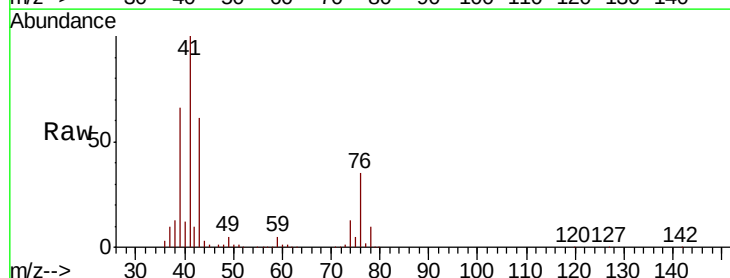
Tgt Ion: 41 Resp: 719251

Ion Ratio Lower Upper

41 100

39 61.9 49.8 74.8

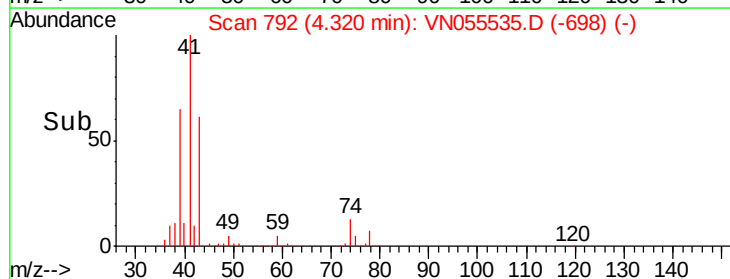
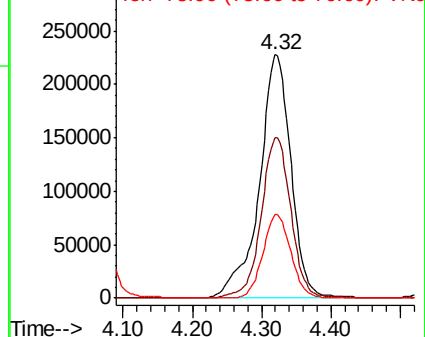
76 29.9 23.5 35.3

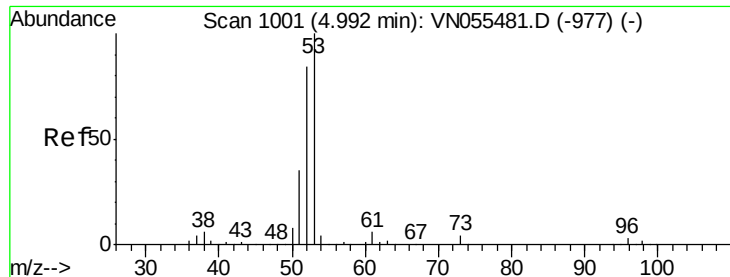


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 239.666 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

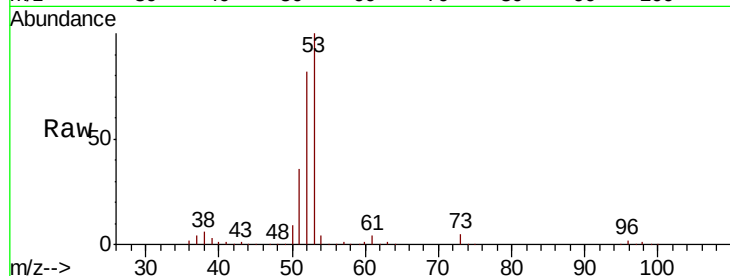
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 53 Resp: 1127103

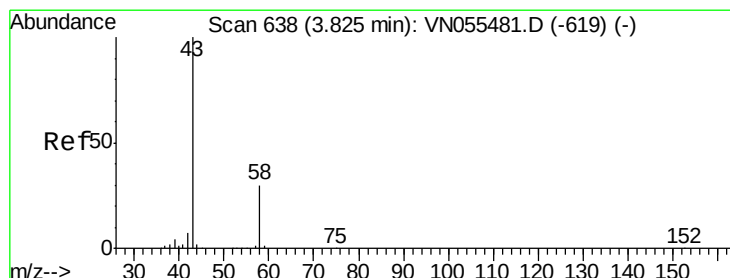
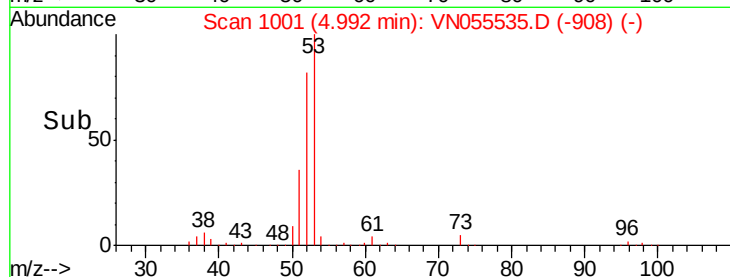
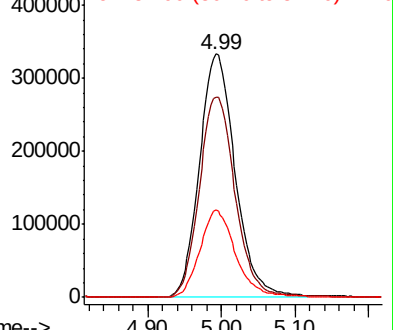
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.1	99.1
51	36.0	28.3	42.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 189.188 ug/l

RT: 3.82 min Scan# 637

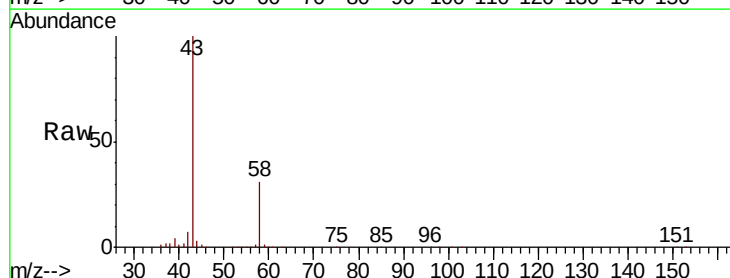
Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

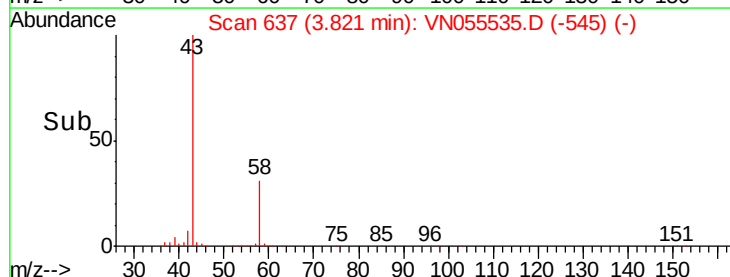
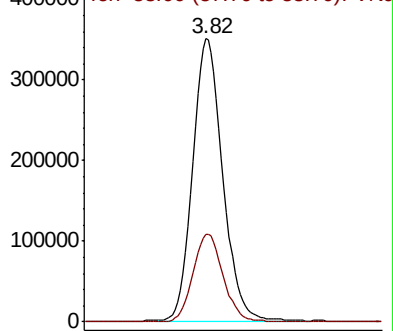
Tgt Ion: 43 Resp: 901066

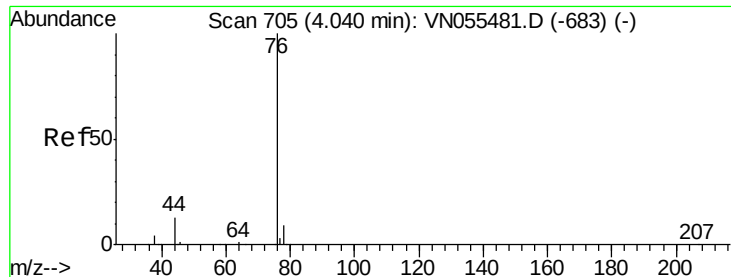
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.2	36.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 49.893 ug/l

RT: 4.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

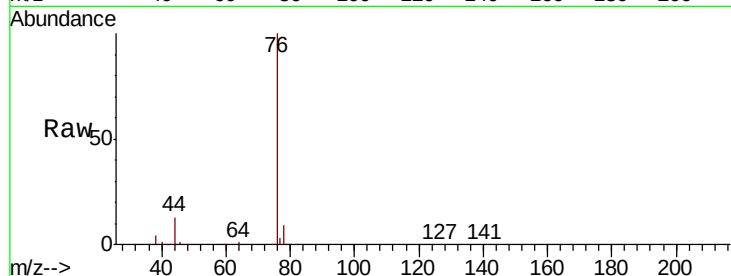
ClientSampled :

Tot Ion: 76 Resp: 1016747

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.05

400000

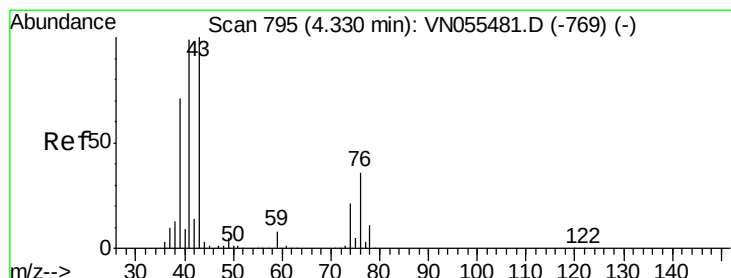
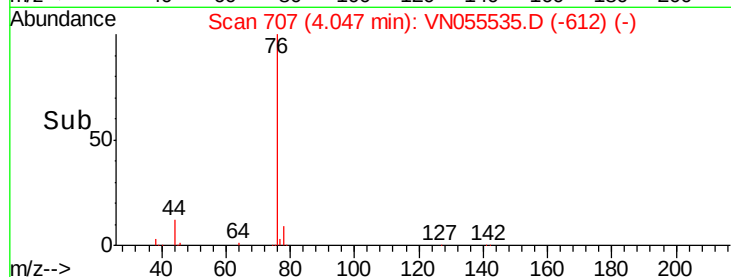
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 47.034 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055535.D

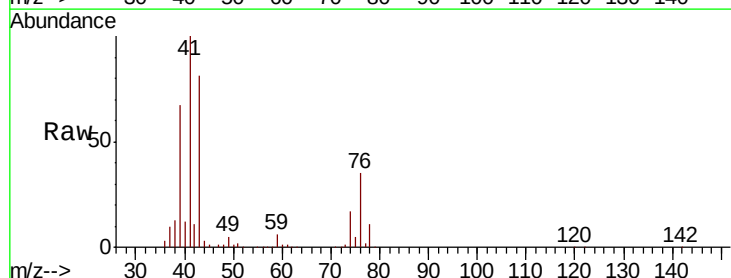
Acq: 10 May 2019 7:54

Tgt Ion: 43 Resp: 470752

Ion Ratio Lower Upper

43 100

74 21.8 16.3 24.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

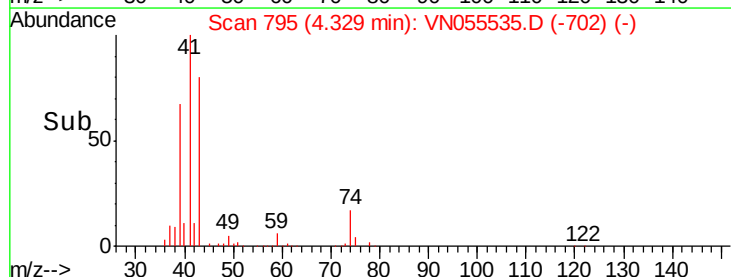
150000

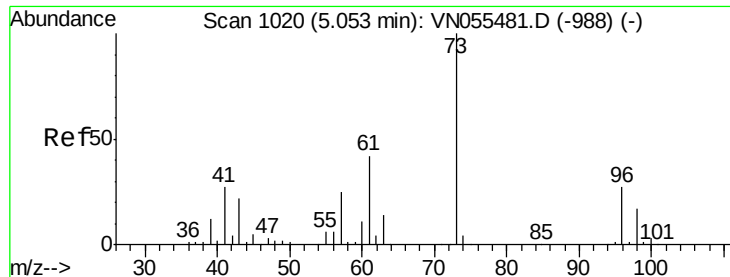
100000

50000

0

Time-->

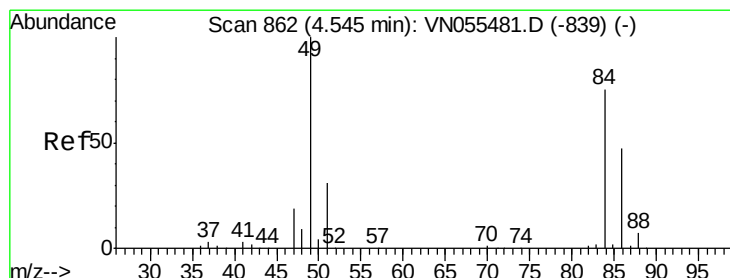
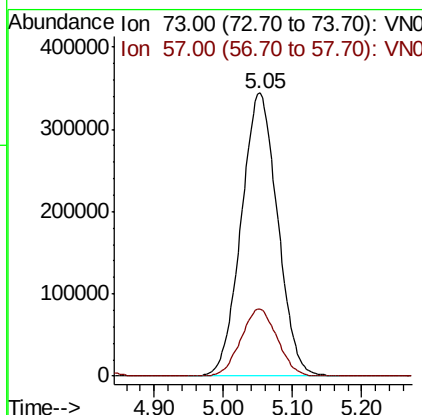
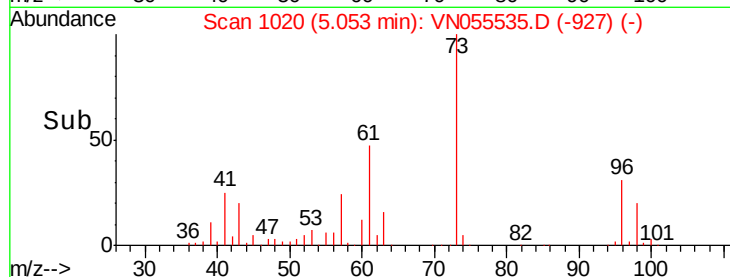
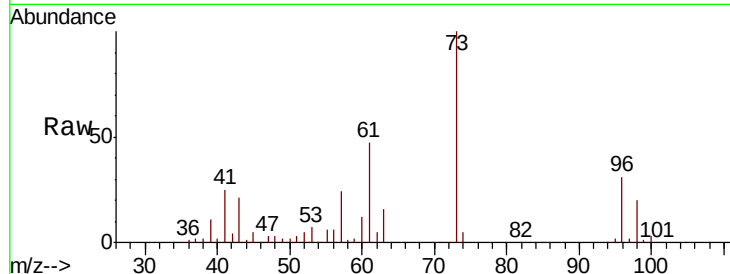




#19
Methyl tert-butyl Ether
Concen: 50.527 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

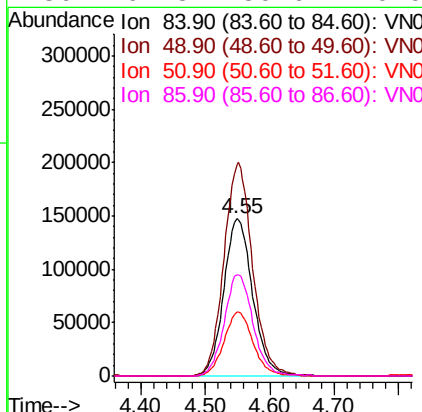
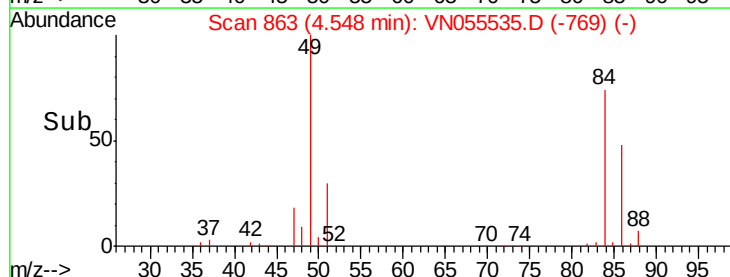
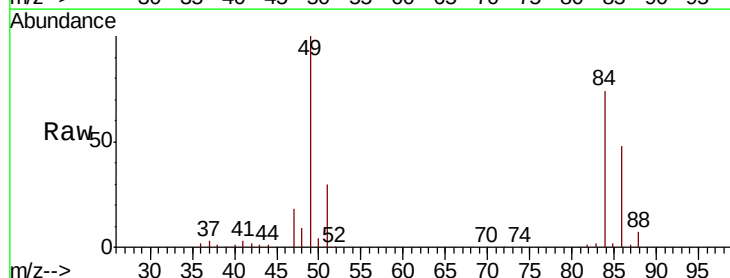
Instrument :
MSVOA_N
ClientSampleId :

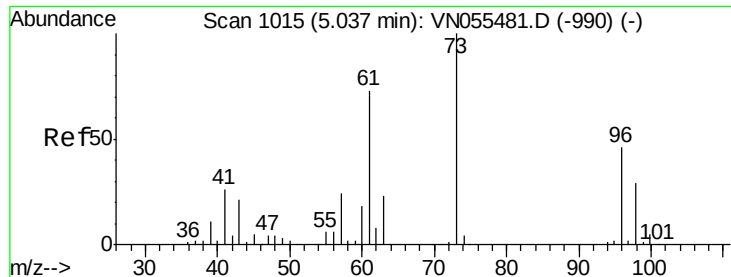
Tot Ion: 73 Resp: 1253576
Ion Ratio Lower Upper
73 100
57 23.7 20.0 30.0



#20
Methylene Chloride
Concen: 47.318 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion: 84 Resp: 460840
Ion Ratio Lower Upper
84 100
49 134.6 107.0 160.6
51 40.8 33.0 49.4
86 64.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 50.076 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.01 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :
MSVOA_N
ClientSampled :

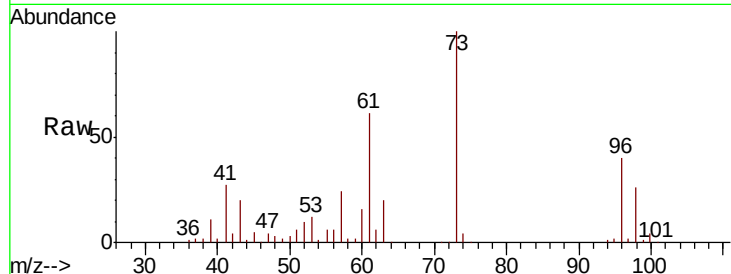
Tot Ion: 96 Resp: 405383

Ion Ratio Lower Upper

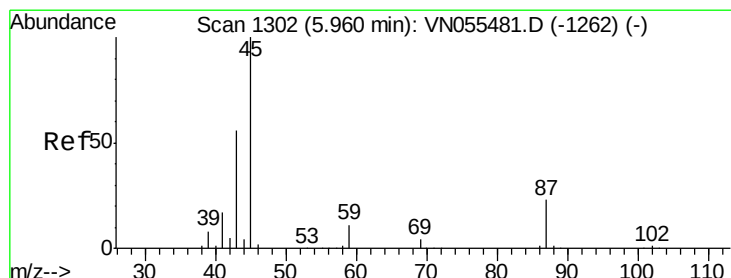
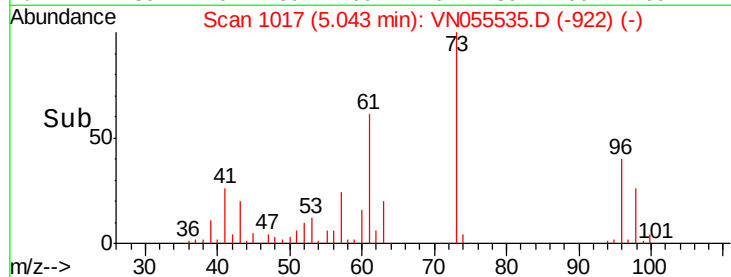
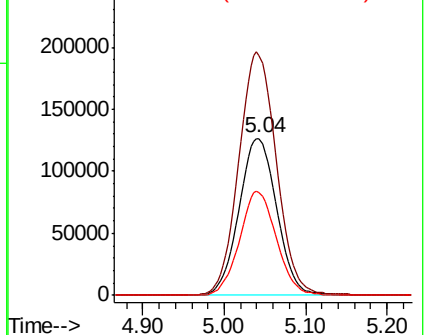
96 100

61 153.3 127.4 191.0

98 65.6 51.6 77.4



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



#22

Diisopropyl ether

Concen: 50.586 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Tgt Ion: 45 Resp: 1572269

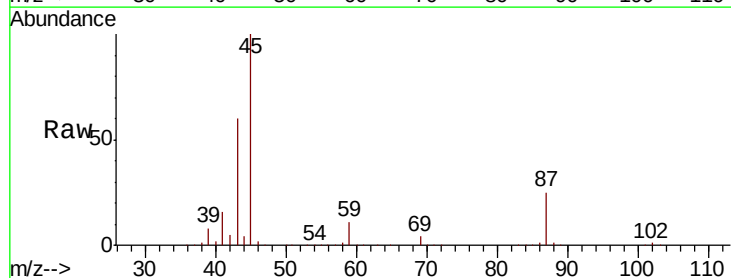
Ion Ratio Lower Upper

45 100

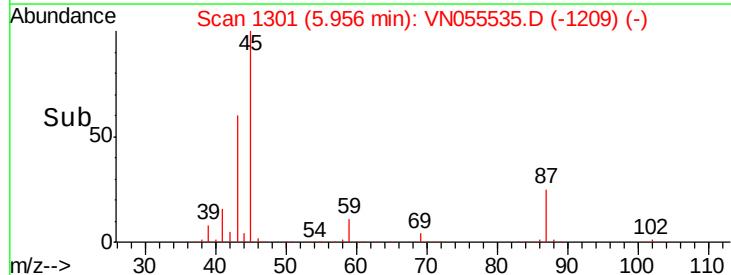
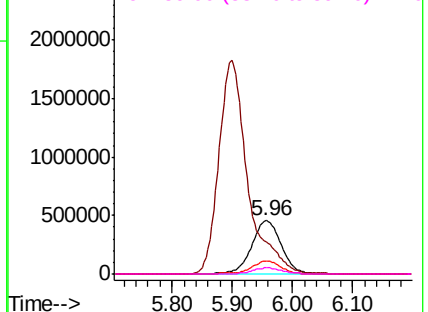
43 59.7 44.6 66.8

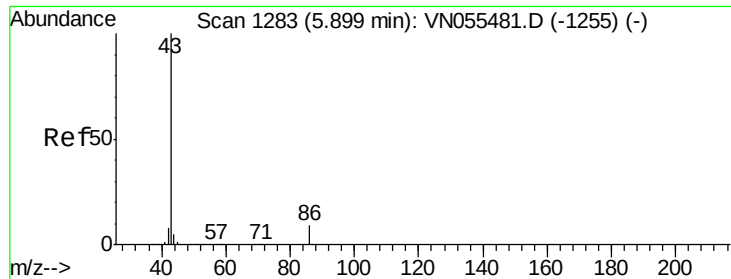
87 24.9 18.6 28.0

59 11.2 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 251.867 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

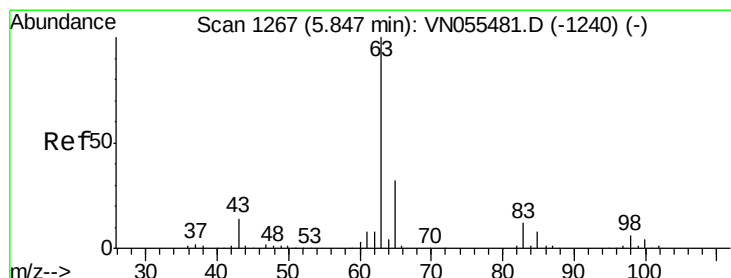
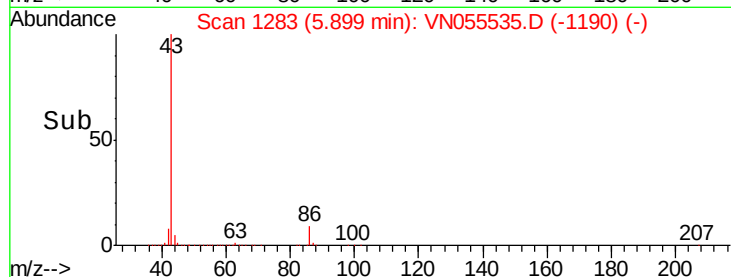
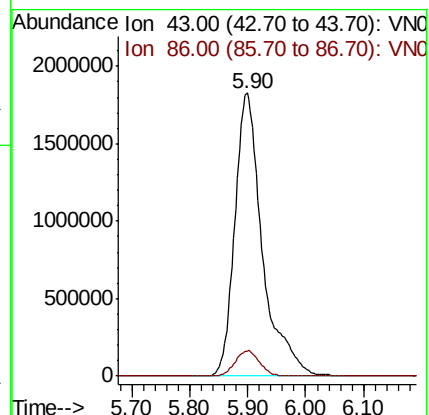
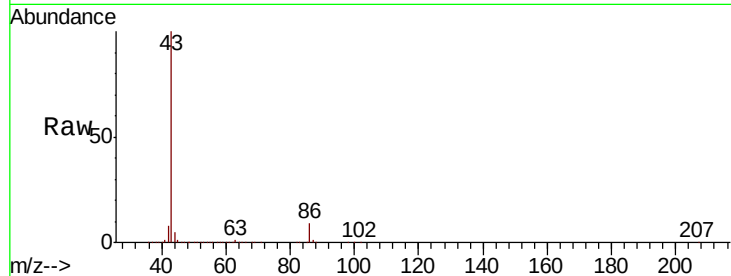
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 6054113

Ion Ratio Lower Upper

43 100

86 9.0 7.1 10.7



#24

1,1-Dichloroethane

Concen: 49.908 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

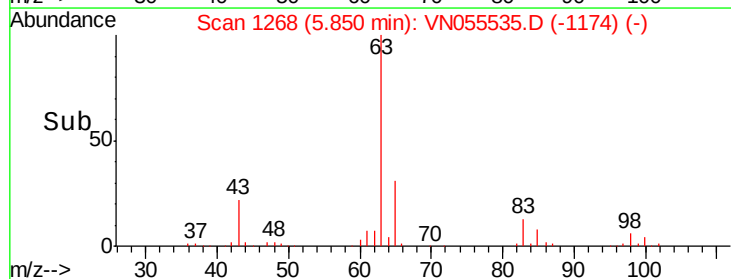
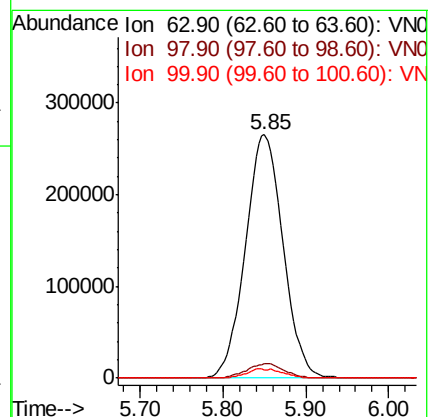
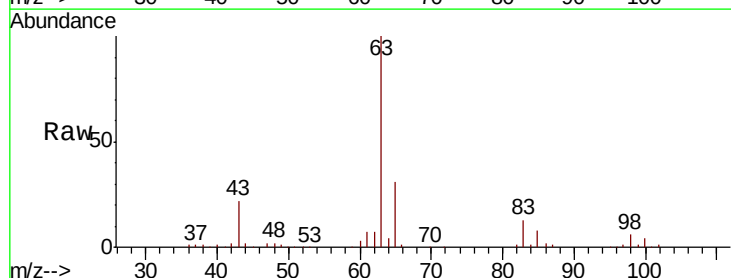
Tgt Ion: 63 Resp: 837369

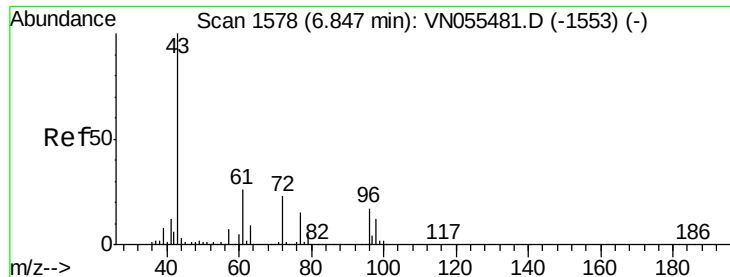
Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.0

100 3.5 1.9 5.7

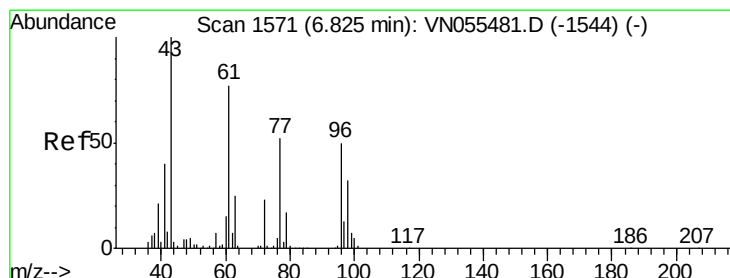
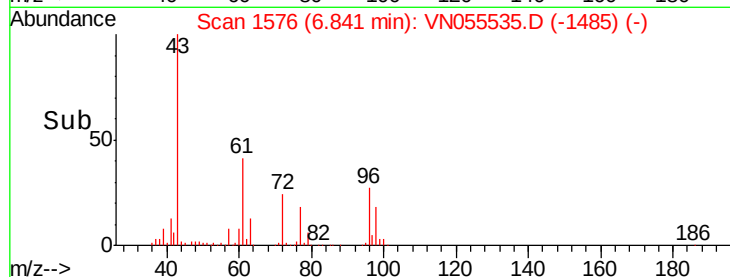
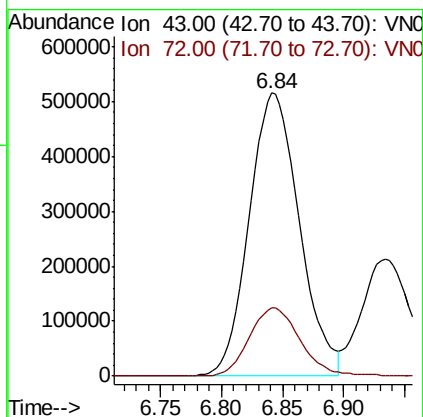
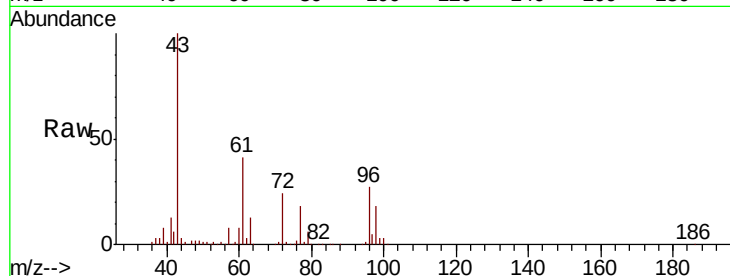




#25
2-Butanone
Concen: 222.989 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.01 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

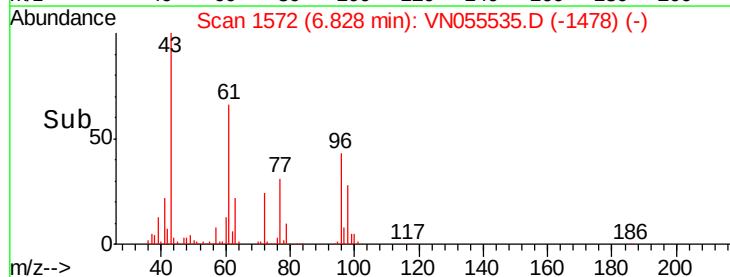
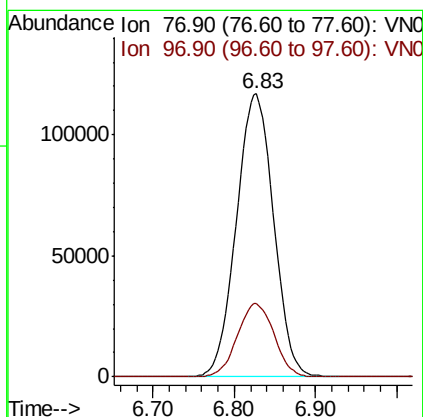
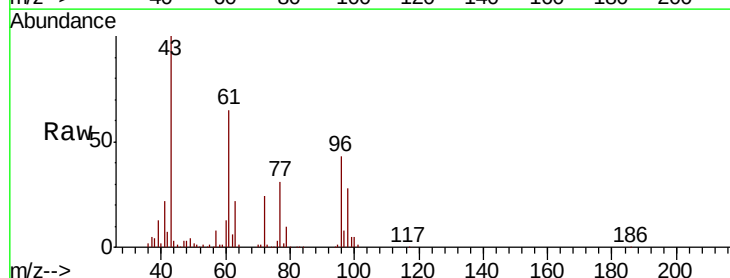
Instrument :
MSVOA_N
ClientSampled :

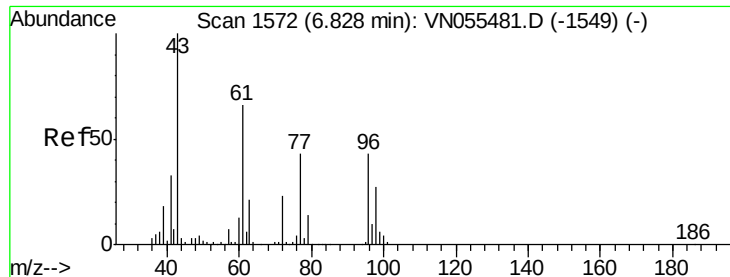
Tot Ion: 43 Resp: 1467100
Ion Ratio Lower Upper
43 100
72 24.1 18.6 27.8



#26
2,2-Dichloropropane
Concen: 35.293 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion: 77 Resp: 369139
Ion Ratio Lower Upper
77 100
97 25.5 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 50.870 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :
MSVOA_N
ClientSampleId :

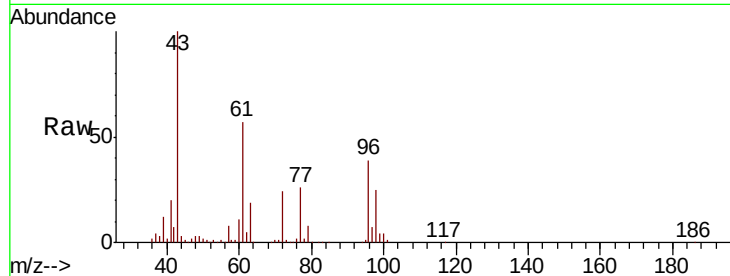
Tot Ion: 96 Resp: 475926

Ion Ratio Lower Upper

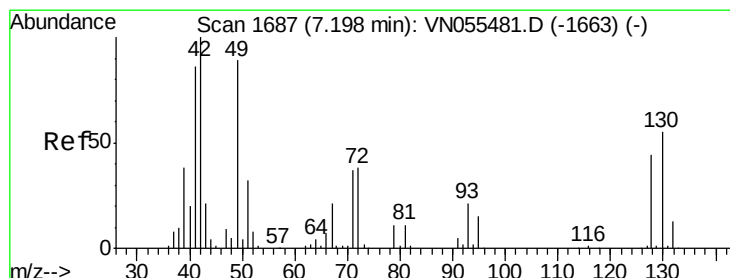
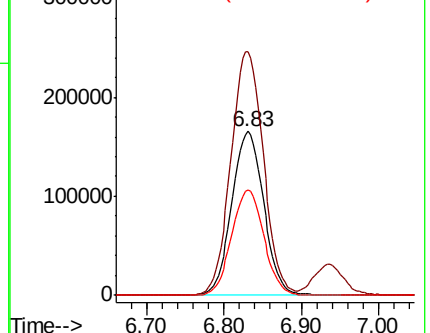
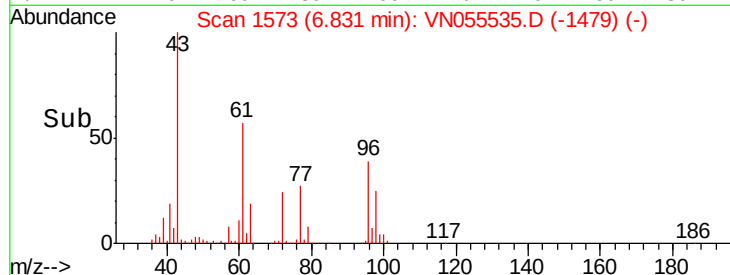
96 100

61 150.9 0.0 310.8

98 64.9 0.0 129.4



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



#28

Bromochloromethane

Concen: 50.654 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

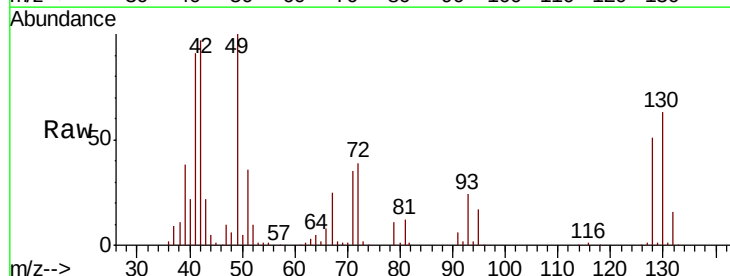
Tgt Ion: 49 Resp: 441365

Ion Ratio Lower Upper

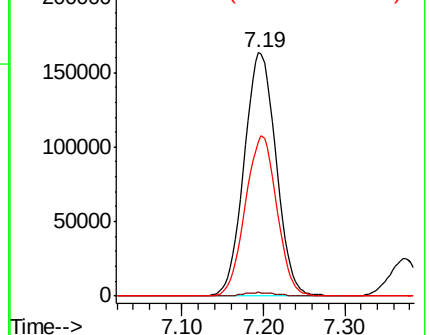
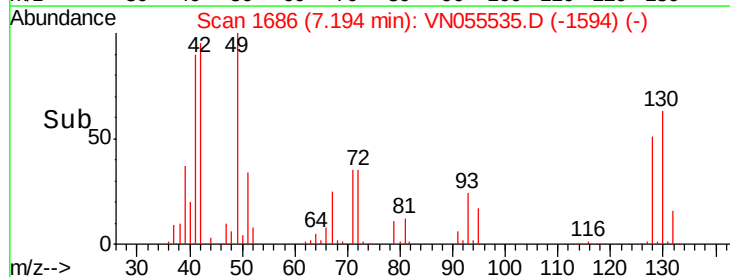
49 100

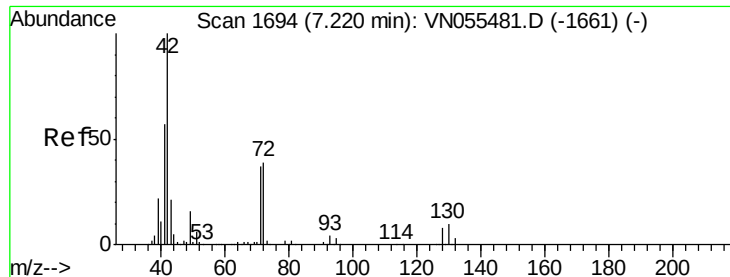
129 1.5 0.0 3.2

130 64.9 49.5 74.3



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

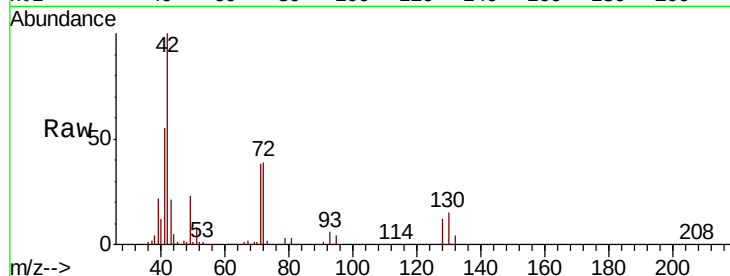




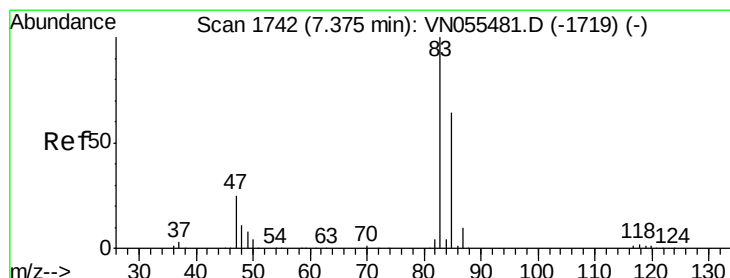
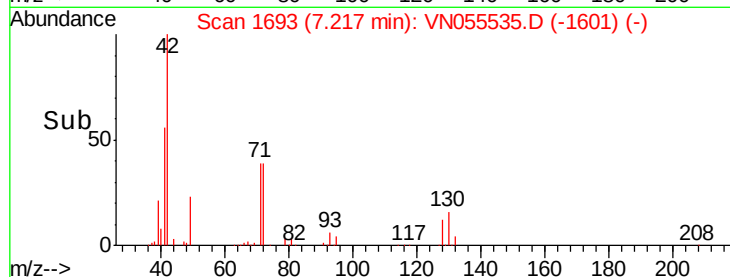
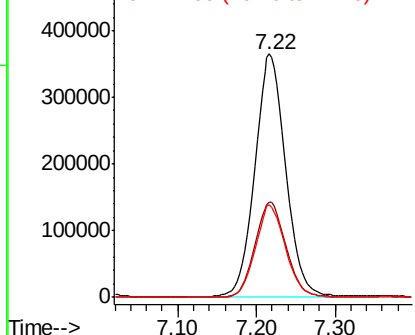
#29
Tetrahydrofuran
Concen: 232.545 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 1011439
Ion Ratio Lower Upper
42 100
72 39.4 31.0 46.6
71 37.3 29.4 44.2

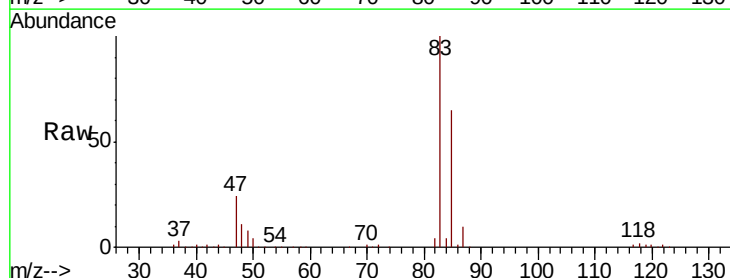


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

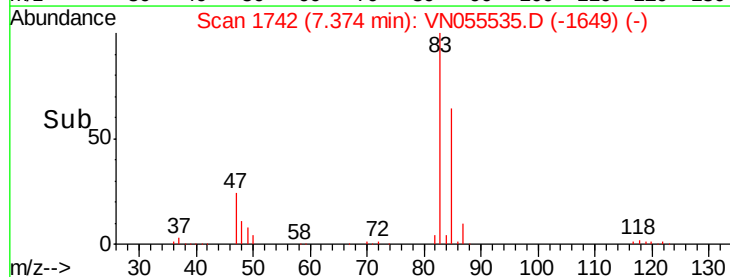
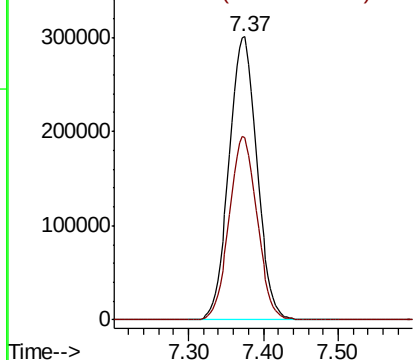


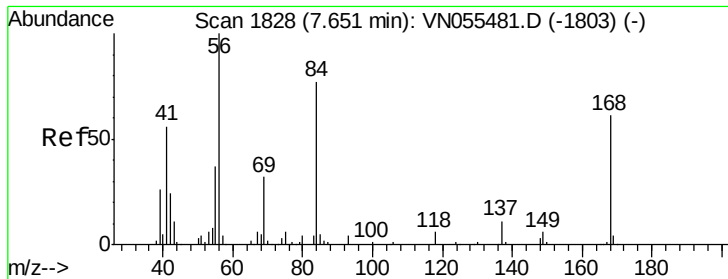
#30
Chloroform
Concen: 50.565 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion: 83 Resp: 784296
Ion Ratio Lower Upper
83 100
85 64.5 51.3 76.9



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





#31

Cyclohexane

Concen: 46.464 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

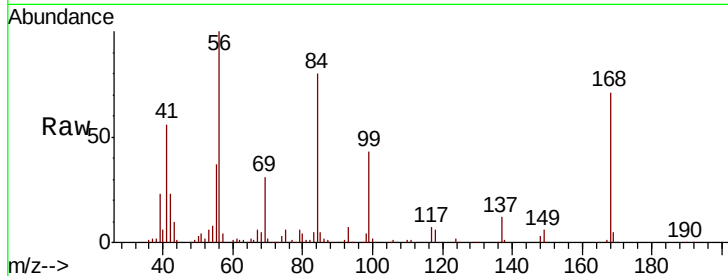
Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 771339

Ion	Ratio	Lower	Upper
56	100		
69	30.8	26.0	39.0
84	78.8	61.9	92.9

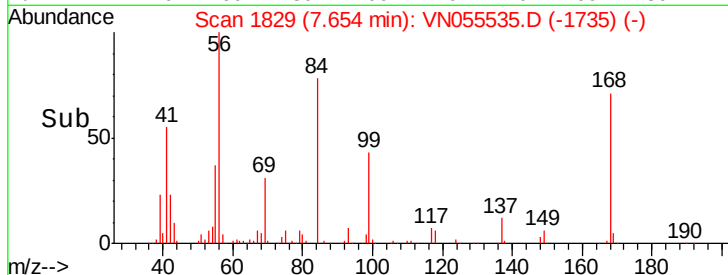


Abundance

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



Abundance

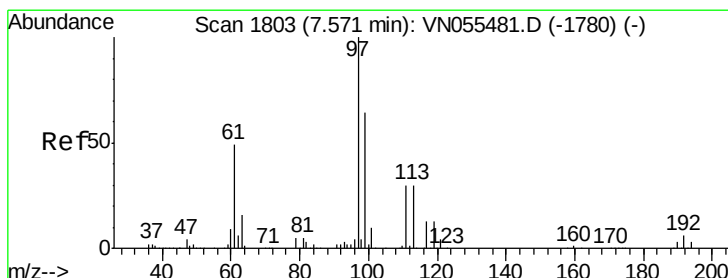
Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

Time-->

7.55 7.60 7.65 7.70



#32

1,1,1-Trichloroethane

Concen: 51.611 ug/l

RT: 7.57 min Scan# 1803

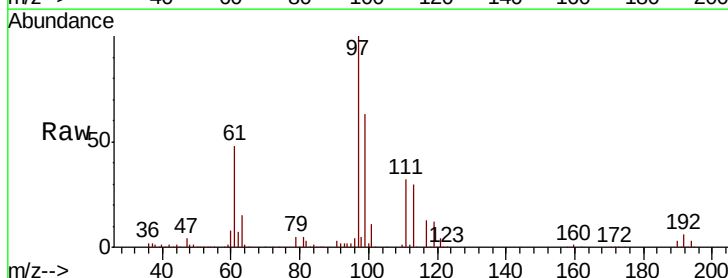
Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Tgt Ion: 97 Resp: 609608

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.2	76.8
61	49.2	39.2	58.8

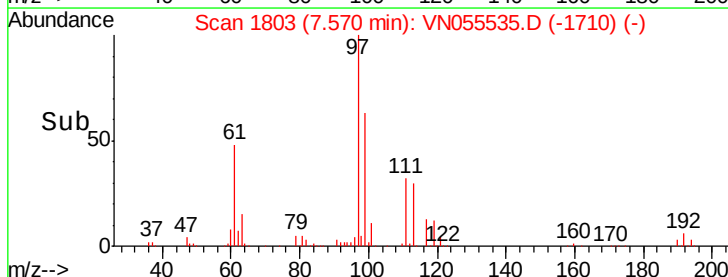


Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0



Abundance

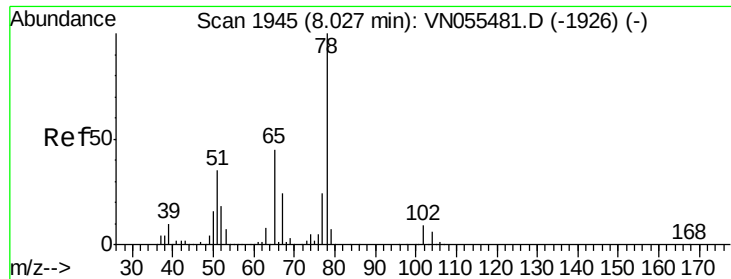
Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Time-->

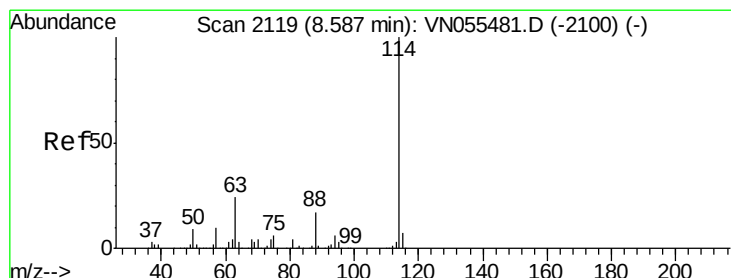
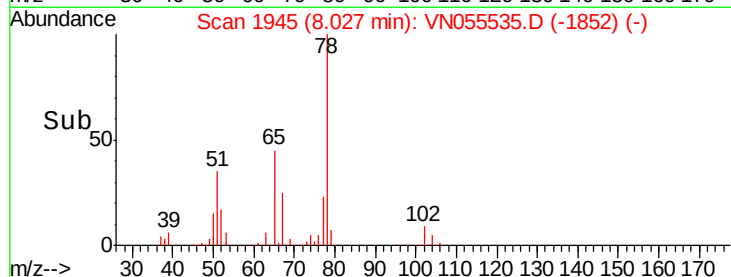
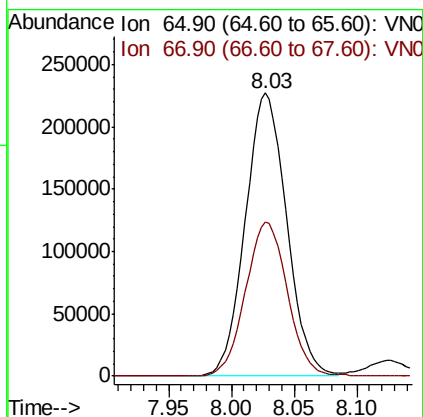
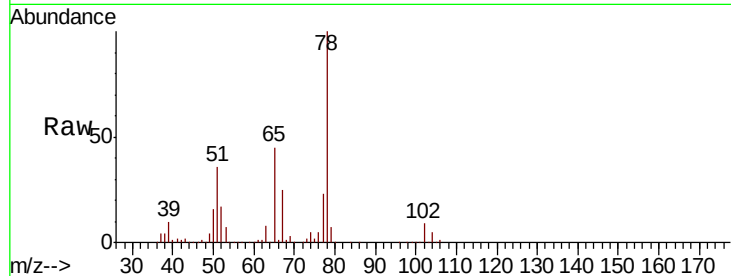
7.50 7.55 7.60 7.65 7.70



#33
 1,2-Dichloroethane-d4
 Concen: 50.690 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

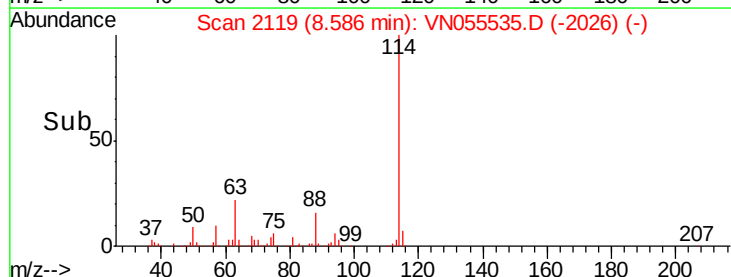
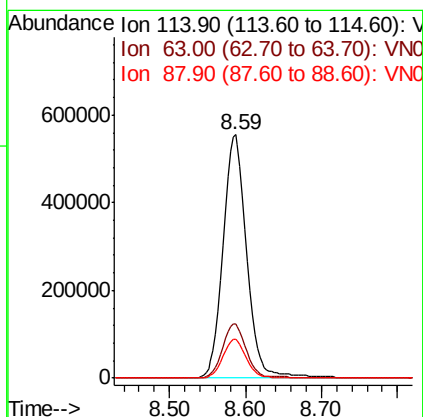
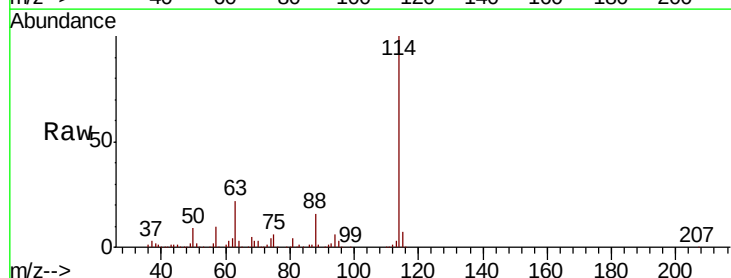
Instrument :
 MSVOA_N
 ClientSampled :

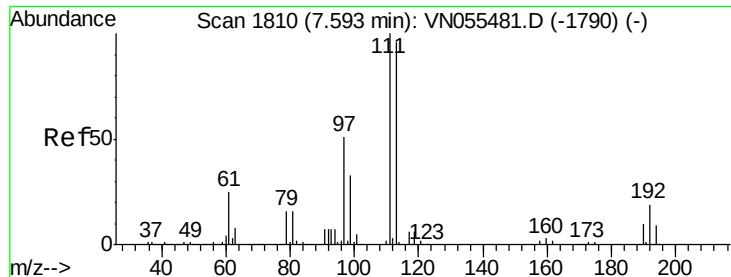
Tot Ion: 65 Resp: 521408
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

Tgt Ion: 114 Resp: 1209206
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 47.4
 88 16.1 0.0 34.0

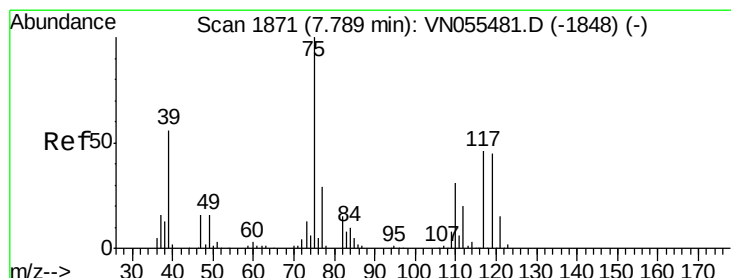
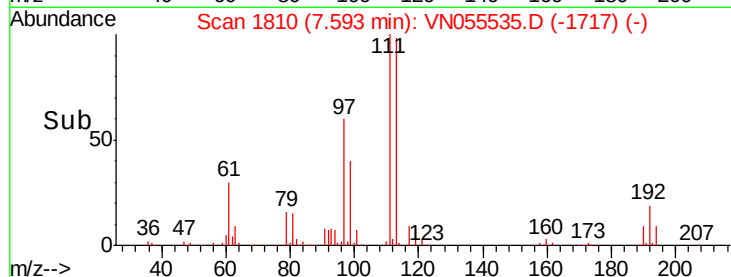
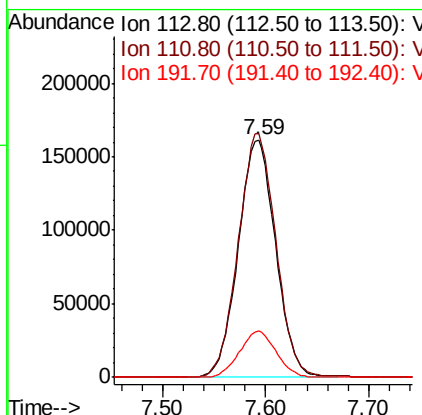
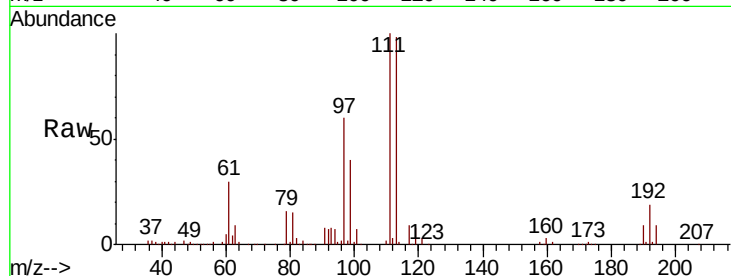




#35
 Dibromofluoromethane
 Concen: 52.237 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

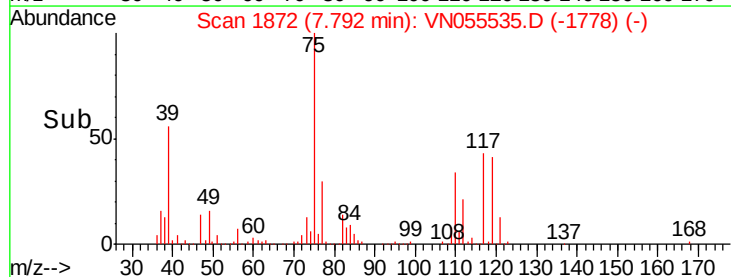
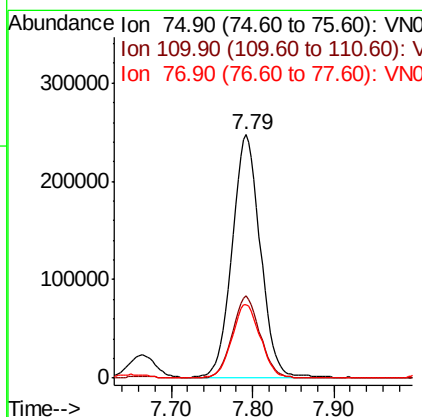
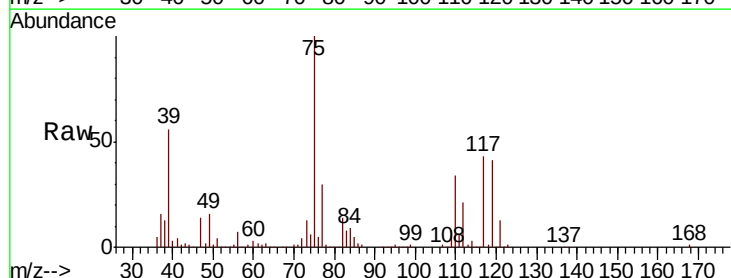
Instrument :
 MSVOA_N
 ClientSampleId :

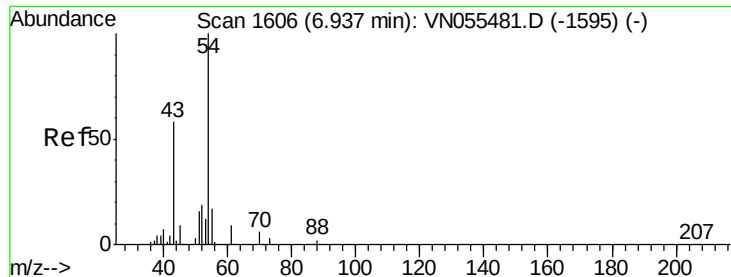
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	19.1	15.6	23.4



#36
 1,1-Dichloropropene
 Concen: 49.944 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.1	48.3
77	30.8	24.6	37.0

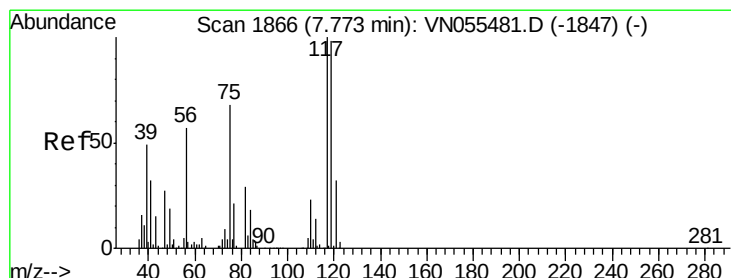
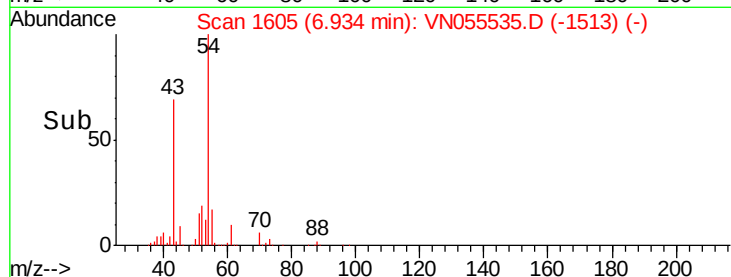
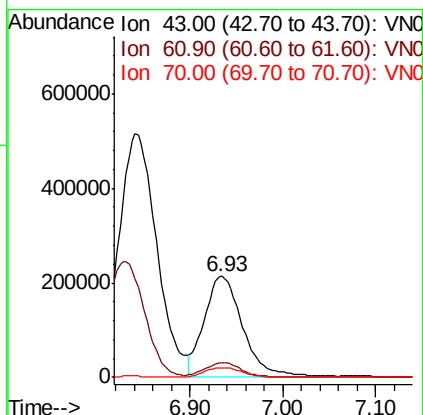
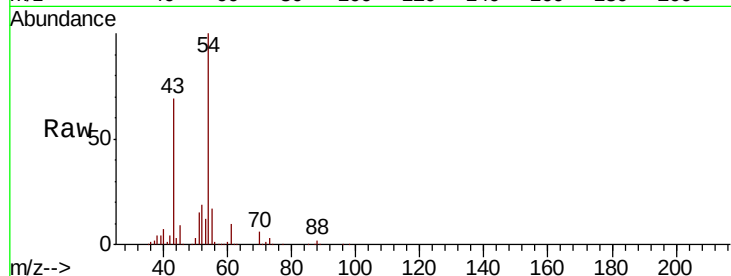




#37
Ethyl Acetate
Concen: 46.529 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

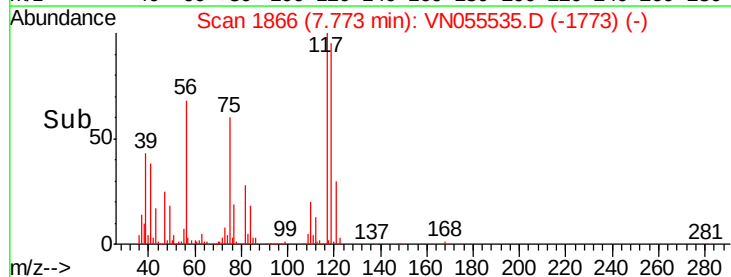
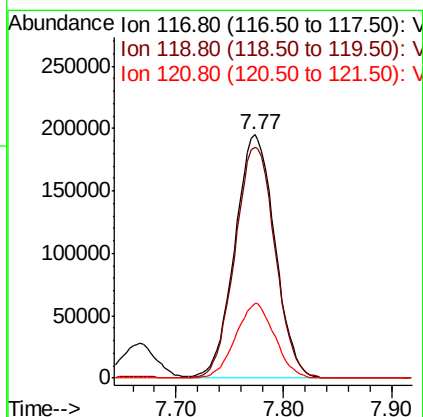
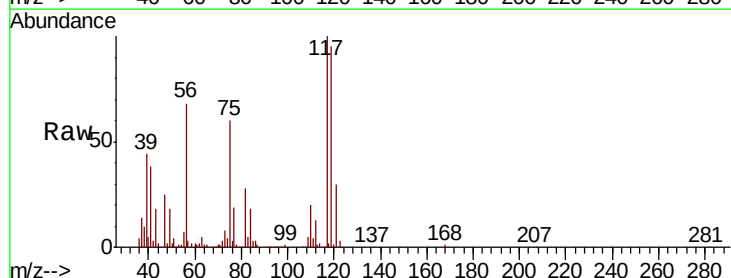
Instrument :
MSVOA_N
ClientSampled :

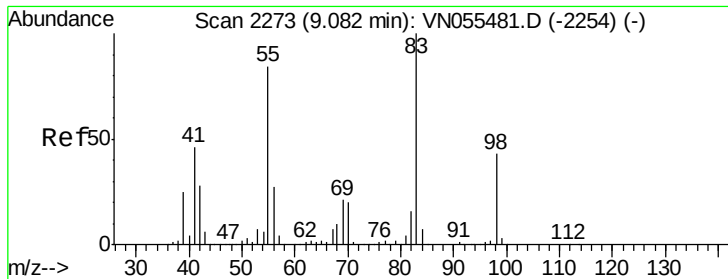
Tot Ion: 43 Resp: 604642
Ion Ratio Lower Upper
43 100
61 14.0 10.9 16.3
70 9.4 7.0 10.6



#38
Carbon Tetrachloride
Concen: 50.136 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion: 117 Resp: 502915
Ion Ratio Lower Upper
117 100
119 94.8 77.8 116.6
121 30.5 25.2 37.8

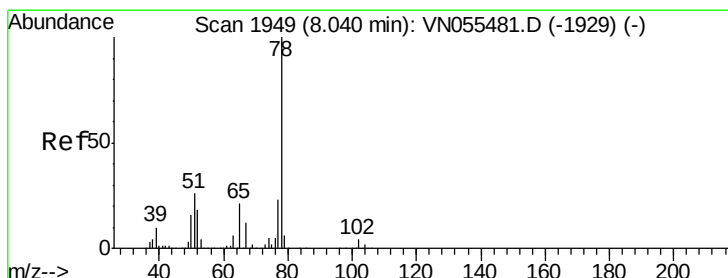
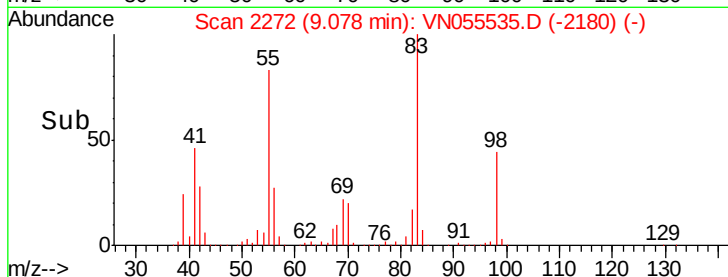
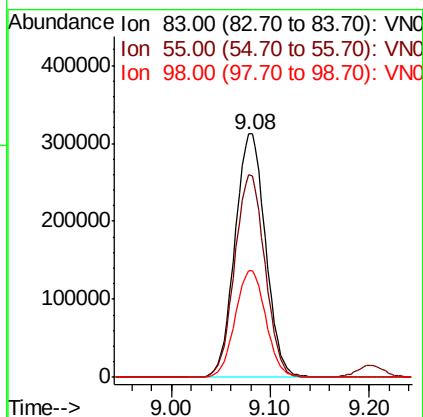
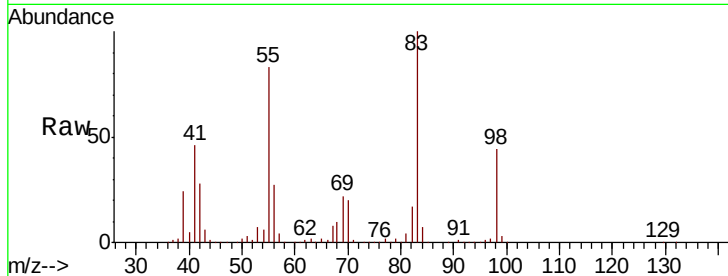




#39
Methylvlcyclohexane
Concen: 46.033 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

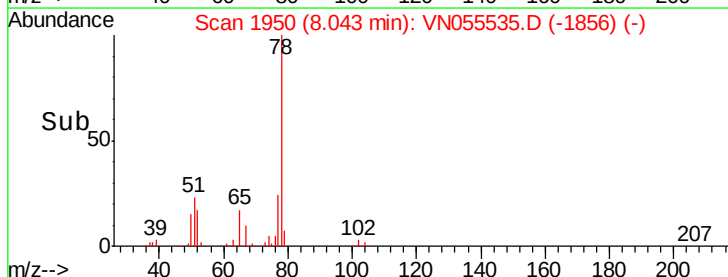
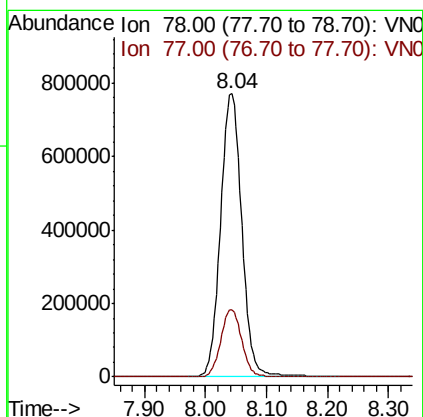
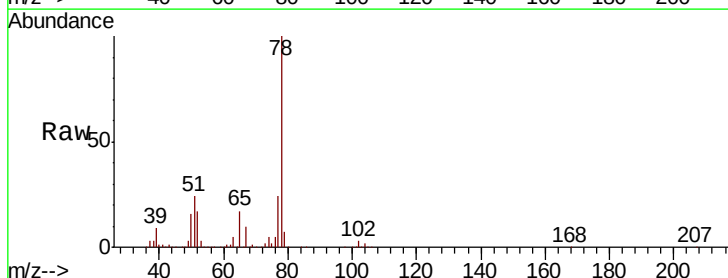
Instrument :
MSVOA_N
ClientSampleId :

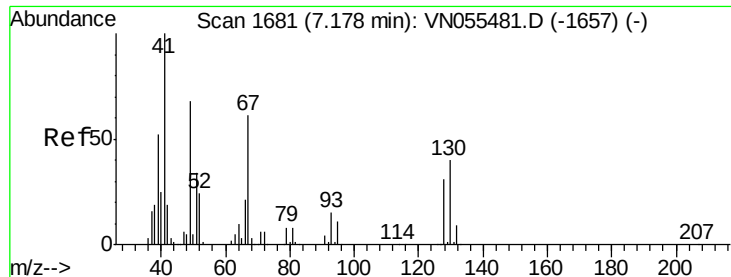
Tot Ion: 83 Resp: 668622
Ion Ratio Lower Upper
83 100
55 82.9 67.0 100.4
98 43.6 34.2 51.4



#40
Benzene
Concen: 50.333 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion: 78 Resp: 1860934
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8

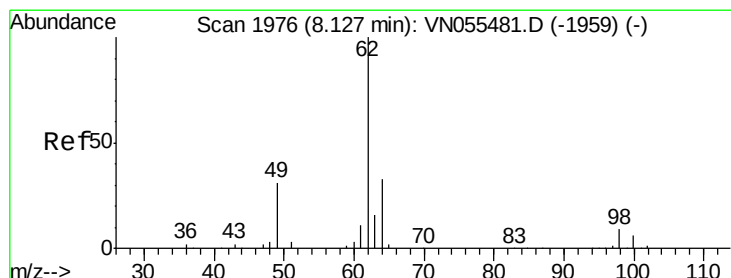
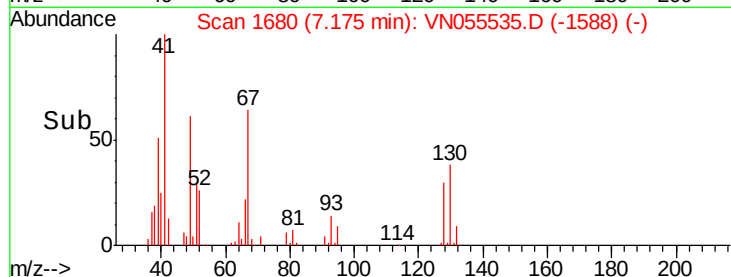
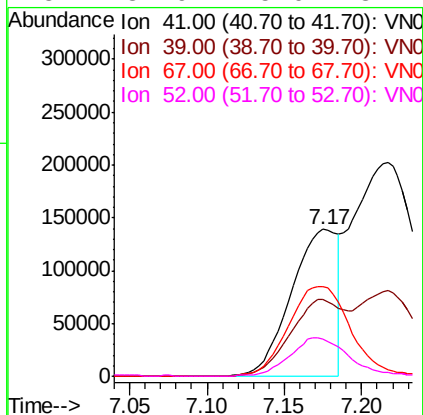
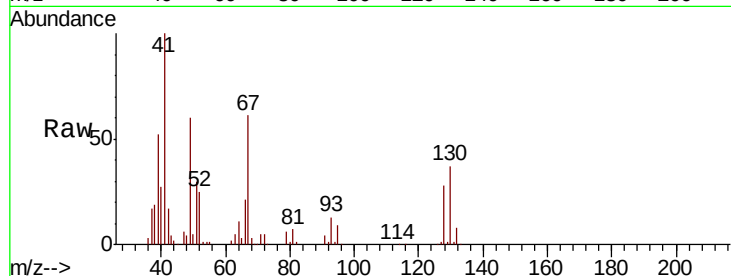




#41
Methacrylonitrile
Concen: 47.941 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

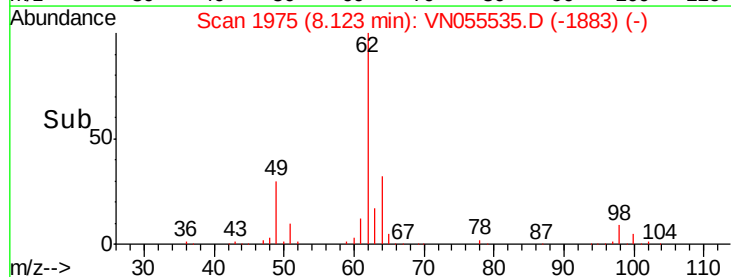
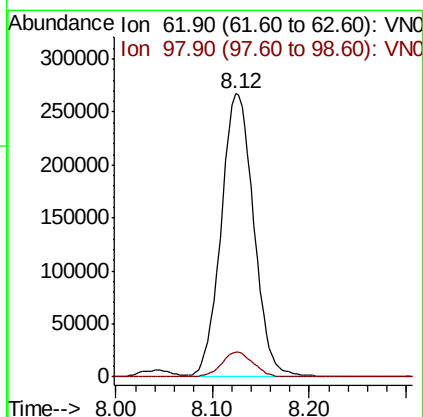
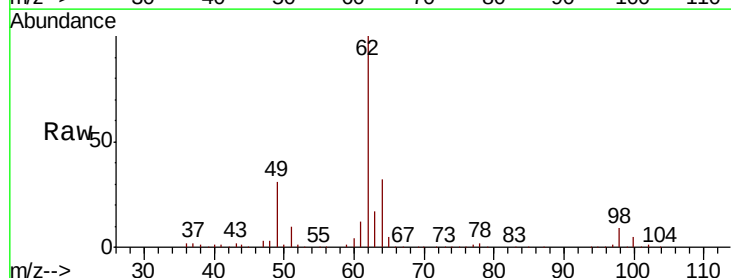
Instrument :
MSVOA_N
ClientSampled :

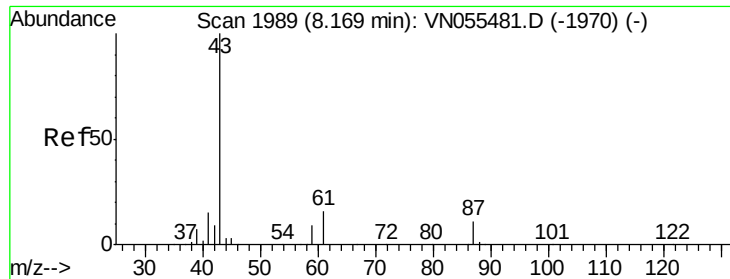
Tot Ion:	41	Resp:	289150
Ion	Ratio	Lower	Upper
41	100		
39	59.8	44.7	67.1
67	82.2	61.4	92.0
52	32.9	25.0	37.4



#42
1,2-Dichloroethane
Concen: 48.062 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion:	62	Resp:	624299
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.4





#43

Isopropyl Acetate

Concen: 48.695 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

ClientSampled :

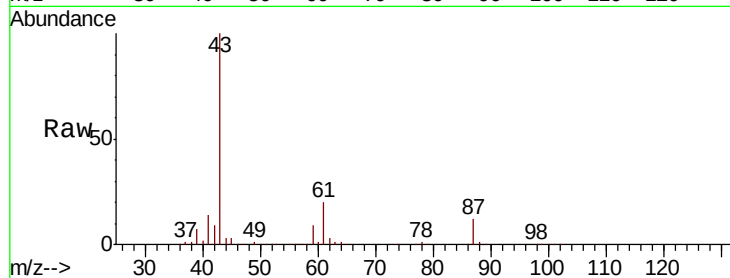
Tot Ion: 43 Resp: 961354

Ion Ratio Lower Upper

43 100

61 19.9 15.1 22.7

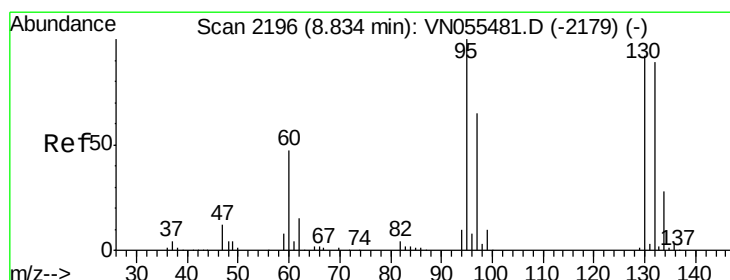
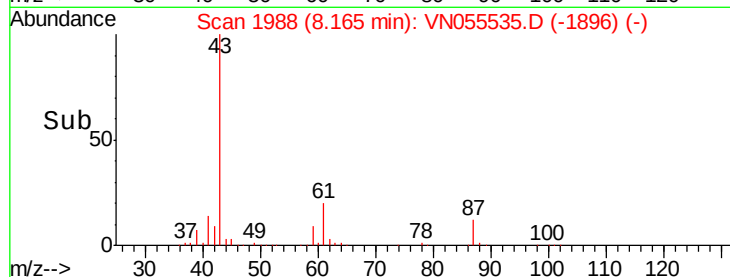
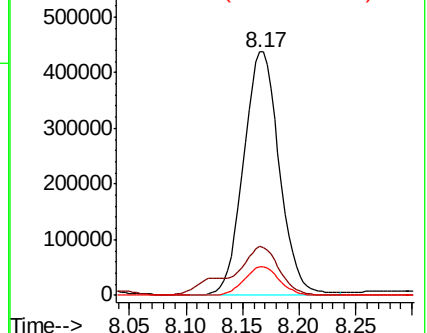
87 11.7 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055535.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN055535.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN055535.D (-2103) (-)



#44

Trichloroethene

Concen: 49.707 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN055535.D

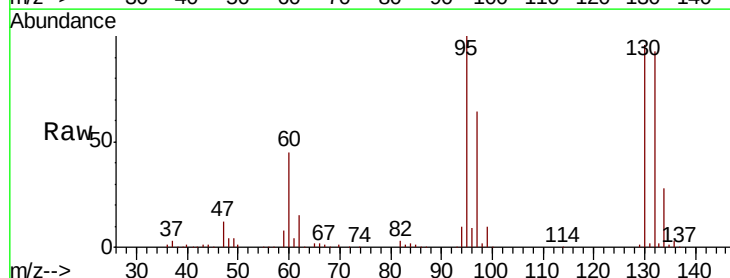
Acq: 10 May 2019 7:54

Tgt Ion:130 Resp: 437283

Ion Ratio Lower Upper

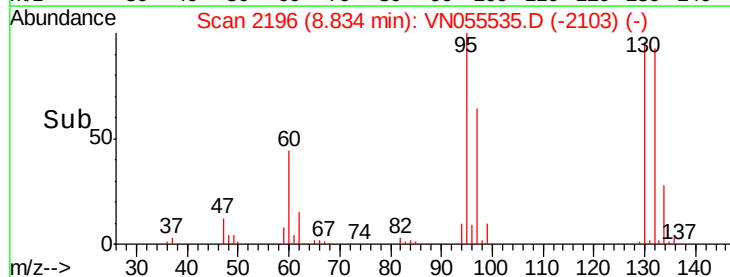
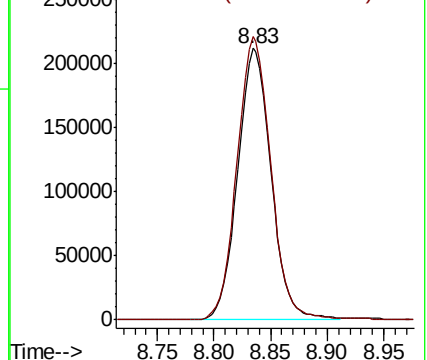
130 100

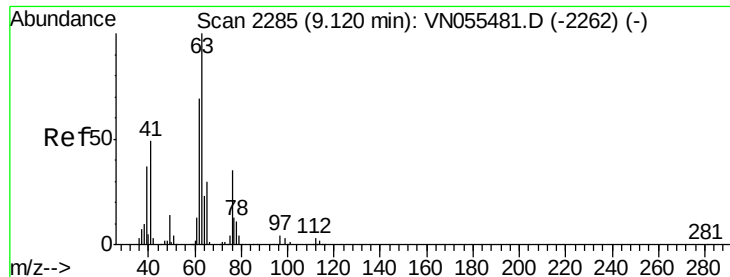
95 104.1 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055535.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055535.D (-2103) (-)

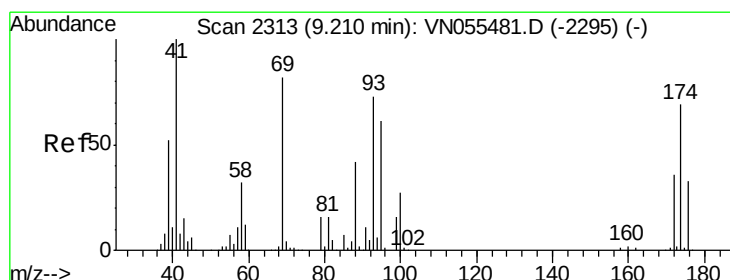
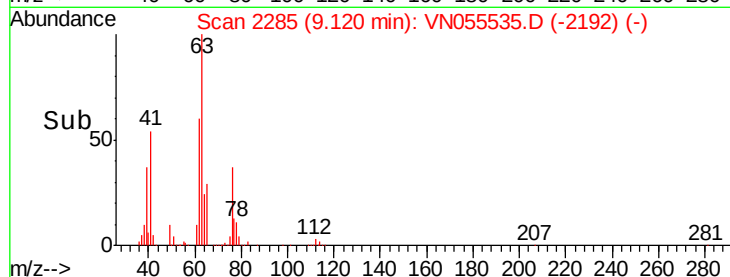
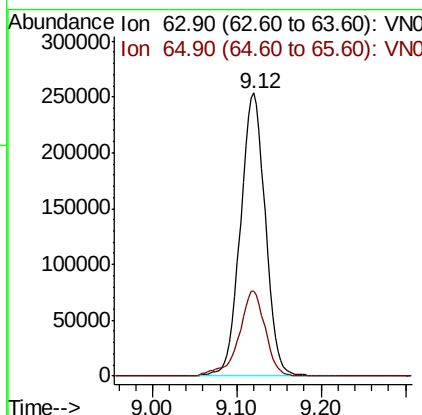
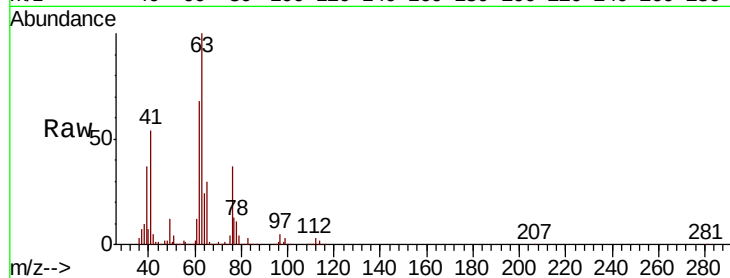




#45
 1,2-Dichloropropane
 Concen: 49.356 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

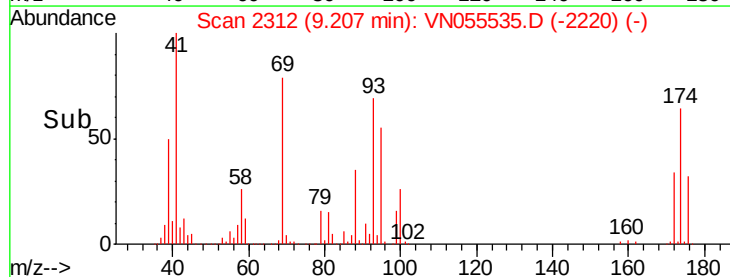
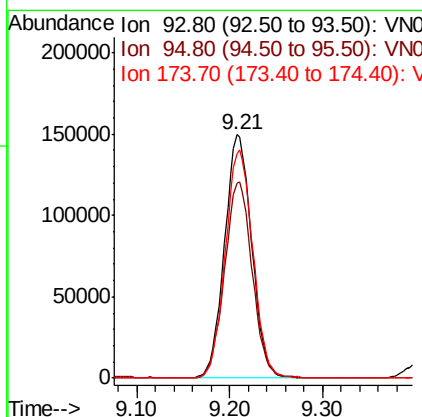
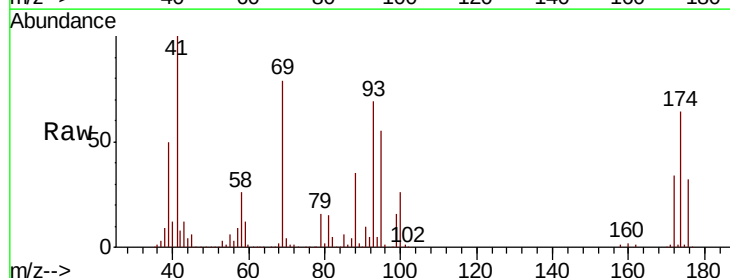
Instrument :
 MSVOA_N
 ClientSampled :

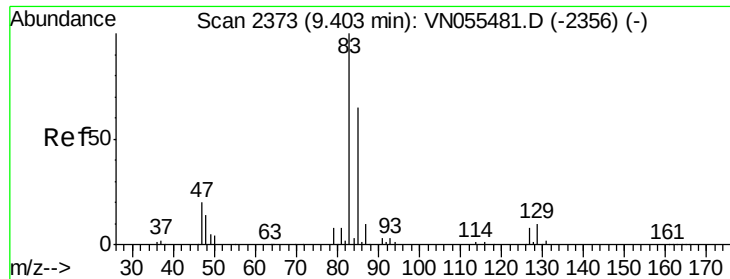
Tot Ion: 63 Resp: 522129
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.1 36.1



#46
 Dibromomethane
 Concen: 49.688 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

Tgt Ion: 93 Resp: 304673
 Ion Ratio Lower Upper
 93 100
 95 81.3 64.8 97.2
 174 95.0 75.0 112.6





#47

Bromodichloromethane

Concen: 50.794 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :
MSVOA_N
ClientSampleId :

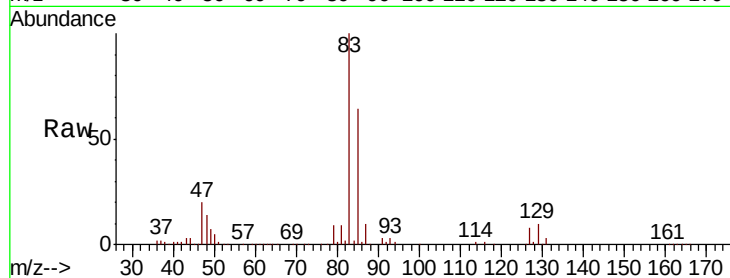
Tot Ion: 83 Resp: 595845

Ion Ratio Lower Upper

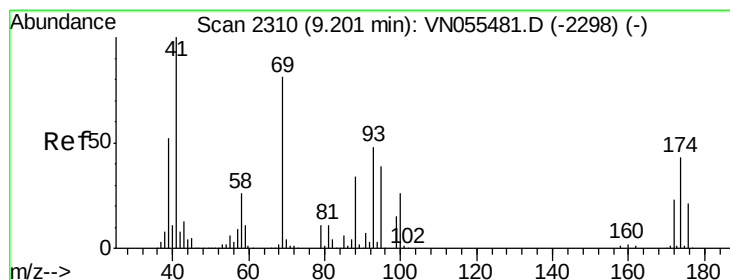
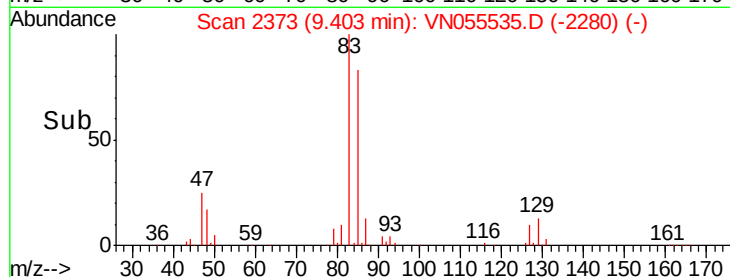
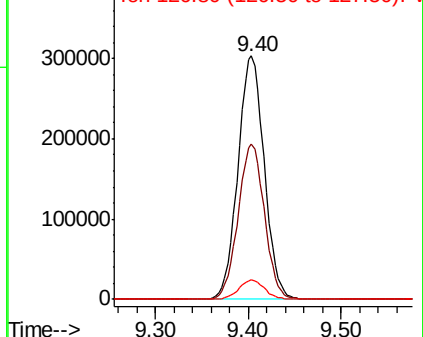
83 100

85 63.9 52.2 78.2

127 7.8 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 48.450 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

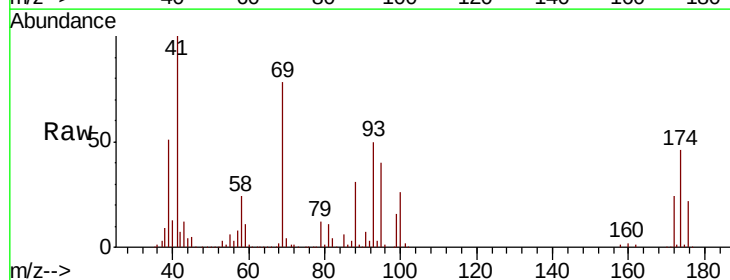
Tgt Ion: 41 Resp: 460857

Ion Ratio Lower Upper

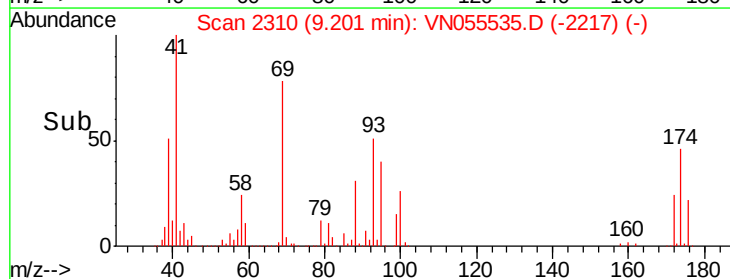
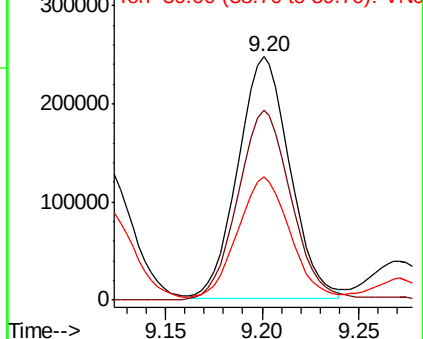
41 100

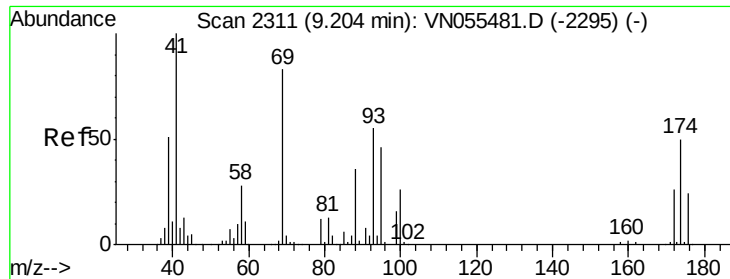
69 80.5 64.2 96.2

39 51.5 41.6 62.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

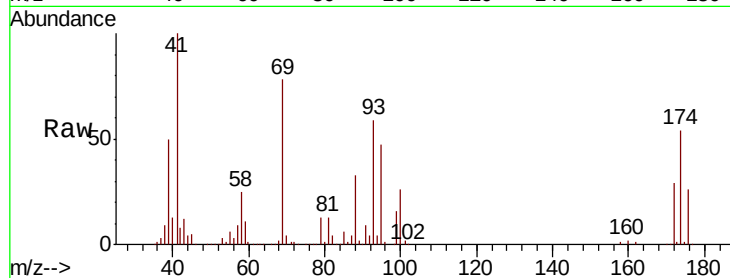




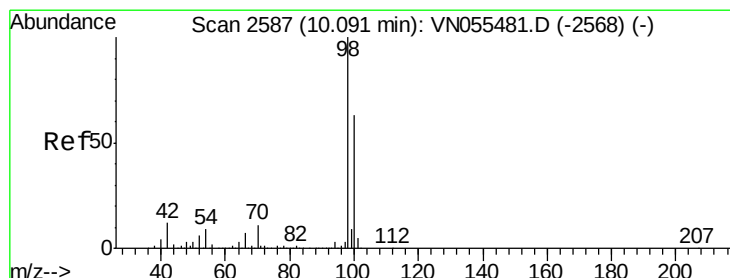
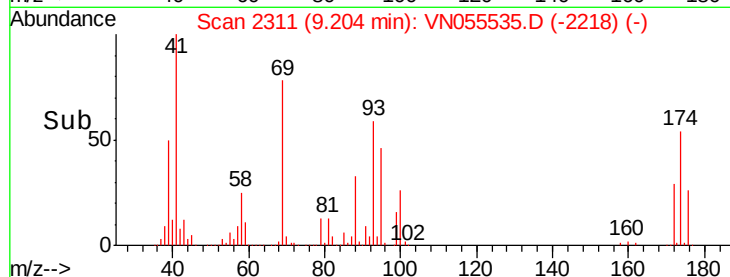
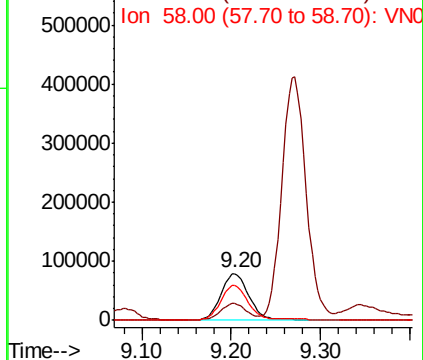
#49
1,4-Dioxane
Concen: 932.748 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 172924
Ion Ratio Lower Upper
88 100
43 32.6 27.8 41.8
58 72.9 61.8 92.6

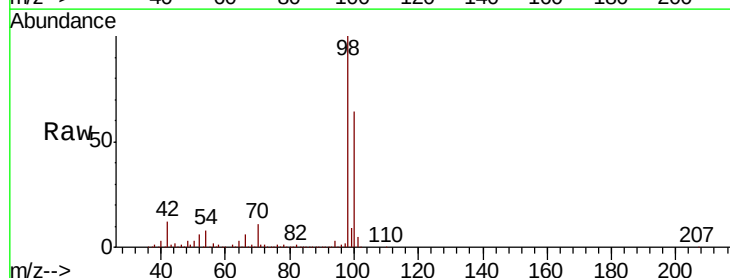


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

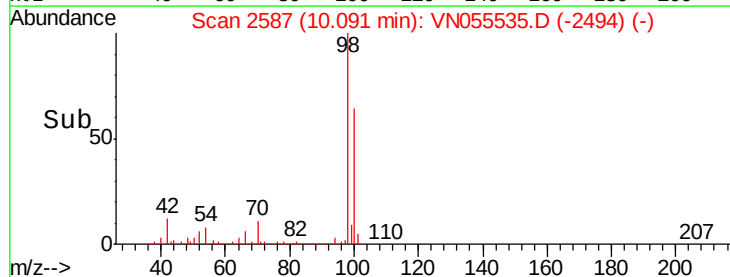
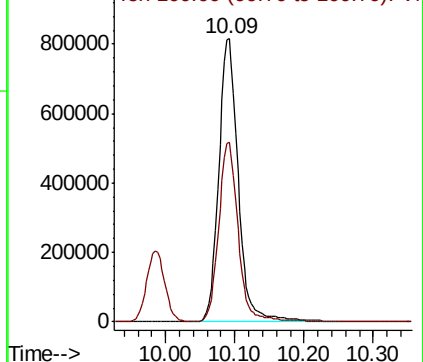


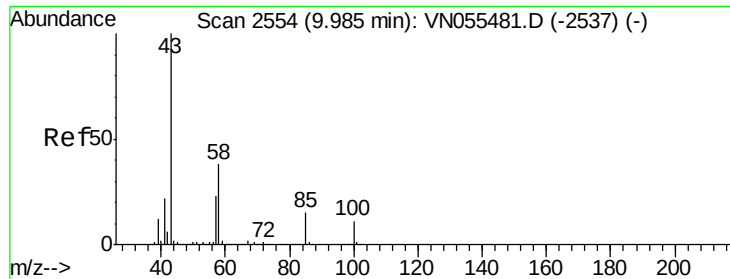
#50
Toluene-d8
Concen: 52.551 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion: 98 Resp: 1597390
Ion Ratio Lower Upper
98 100
100 62.7 50.4 75.6



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: 230.845 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

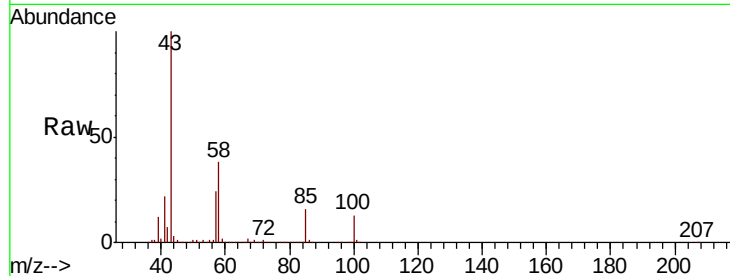
ClientSampleId :

Tot Ion: 43 Resp: 2997350

Ion Ratio Lower Upper

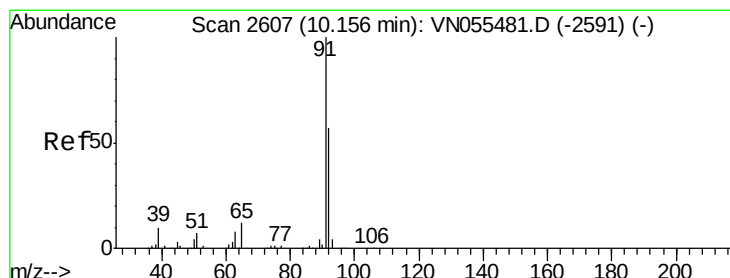
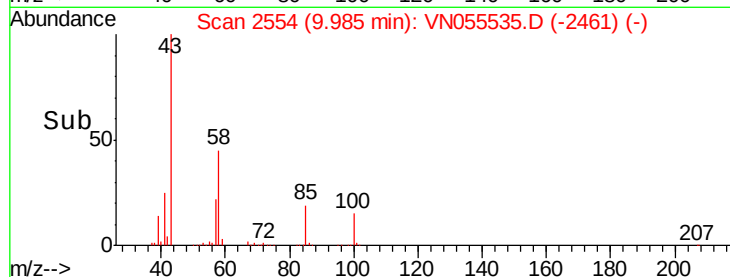
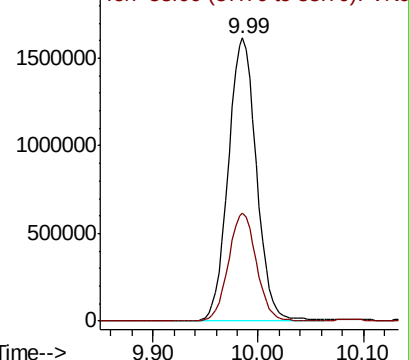
43 100

58 38.1 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.649 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055535.D

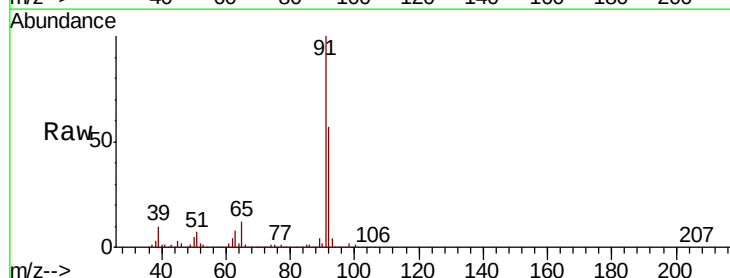
Acq: 10 May 2019 7:54

Tgt Ion: 92 Resp: 1070556

Ion Ratio Lower Upper

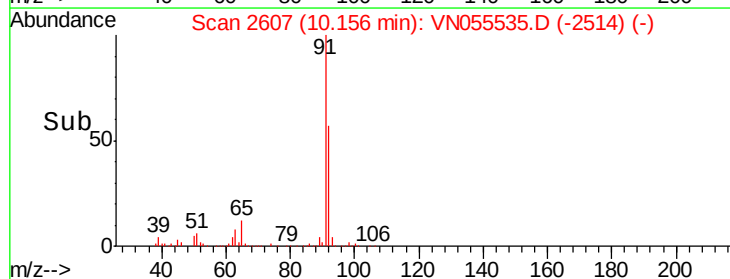
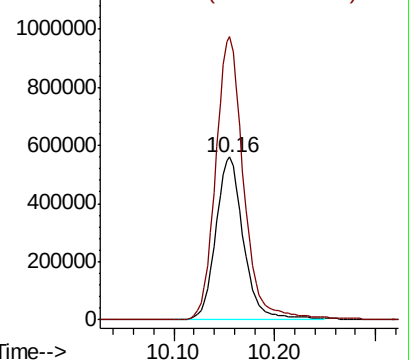
92 100

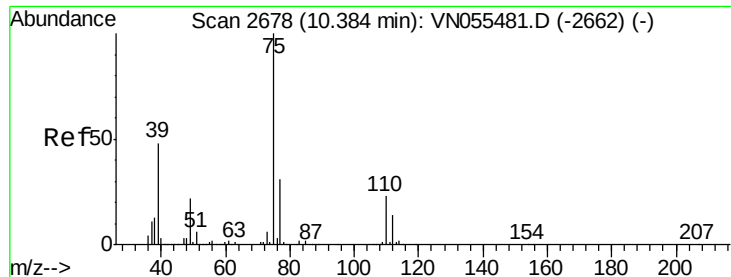
91 177.3 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 50.562 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

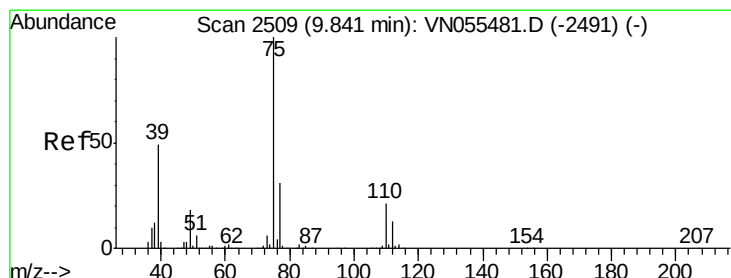
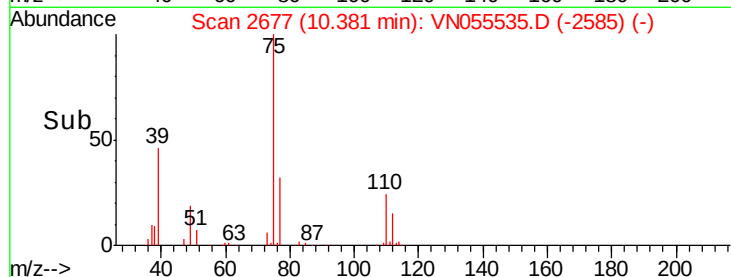
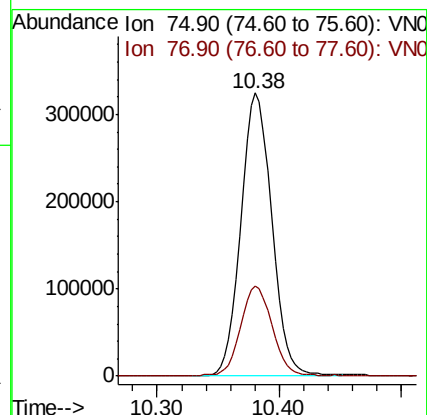
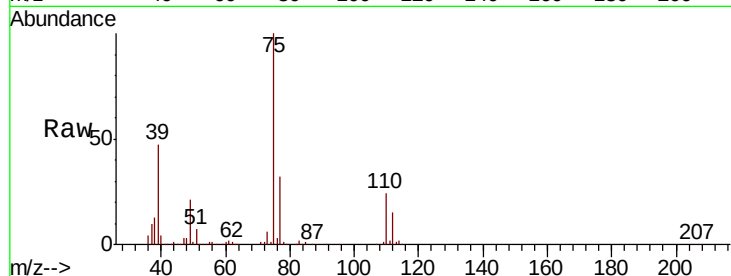
ClientSampleId :

Tot Ion: 75 Resp: 569653

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 50.950 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

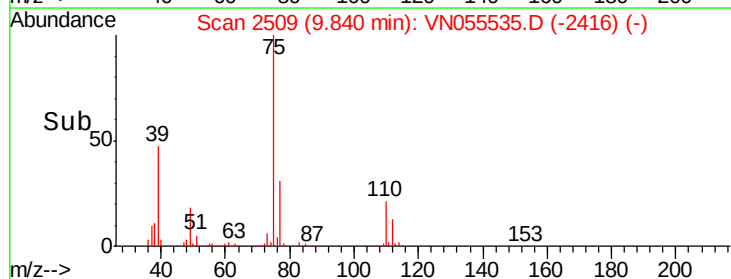
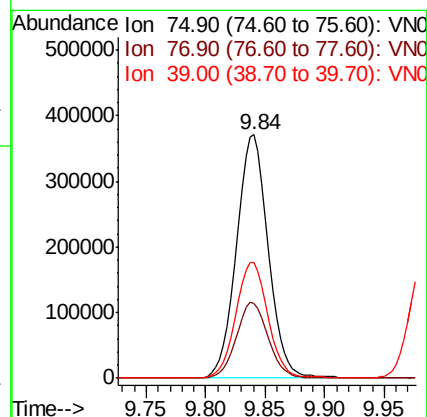
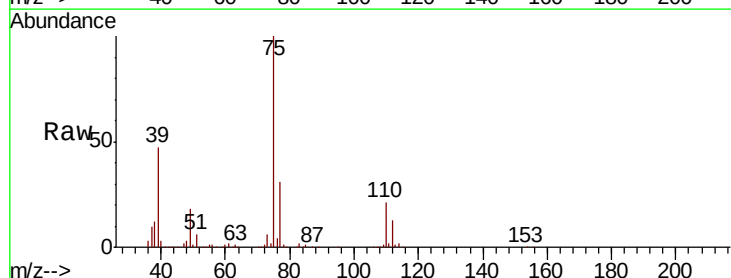
Tgt Ion: 75 Resp: 685914

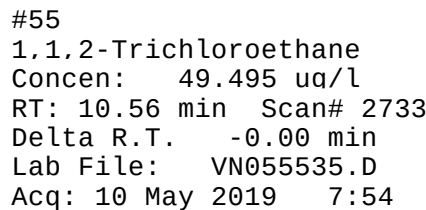
Ion Ratio Lower Upper

75 100

77 30.9 24.4 36.6

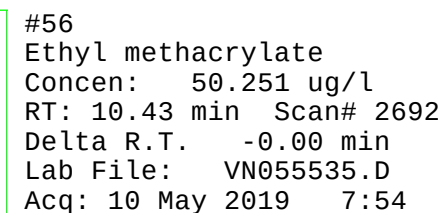
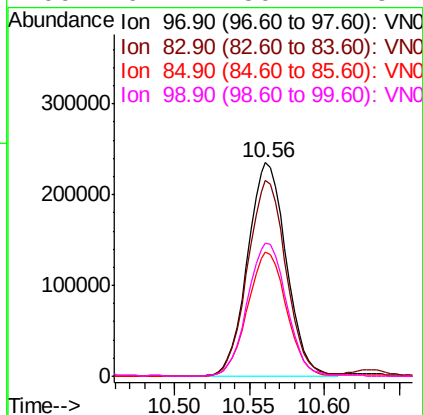
39 47.2 39.5 59.3



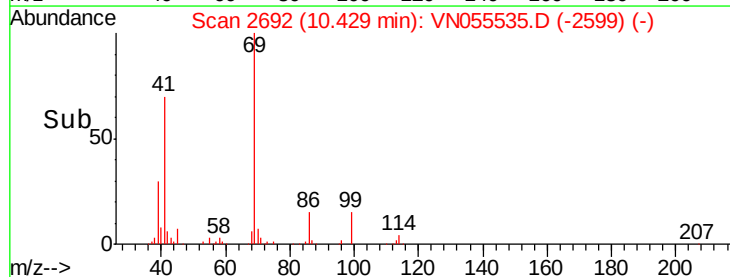
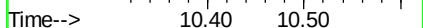
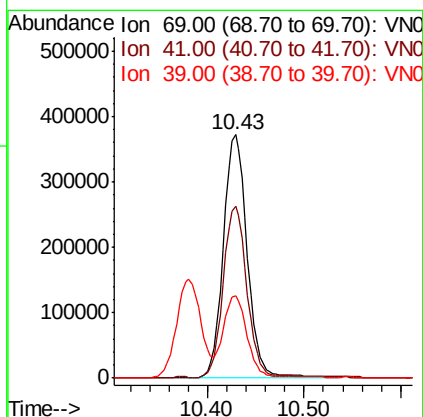


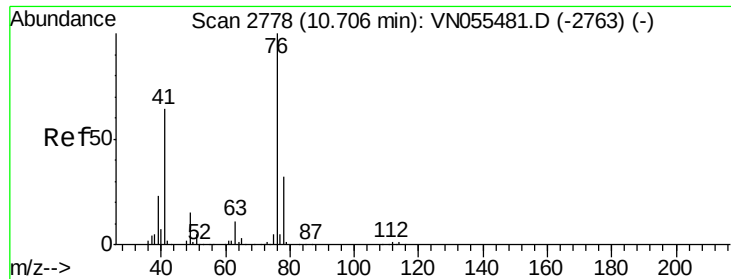
Instrument : MSVOA_N
ClientSampleId :

Tat	Ion: 97	Resp:	423876
Ion	Ratio	Lower	Upper
97	100		
83	91.7	73.2	109.8
85	58.4	47.5	71.3
99	62.1	50.2	75.2



Tgt	Ion: 69	Resp:	640113
Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.2	84.2
39	33.5	27.8	41.6





#57

1,3-Dichloropropane

Concen: 50.191 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

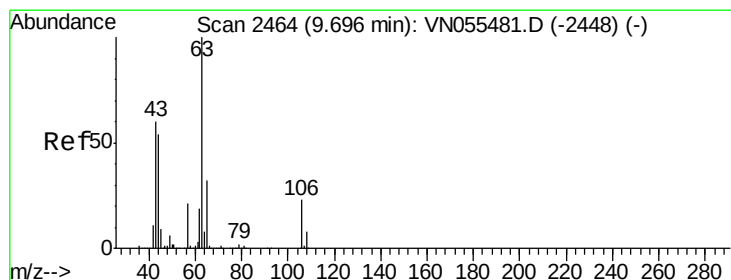
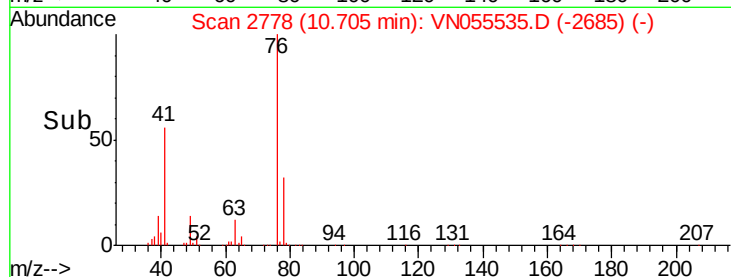
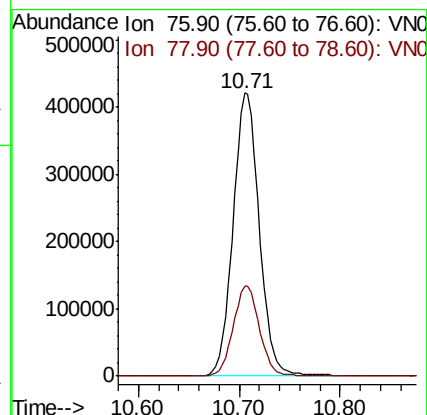
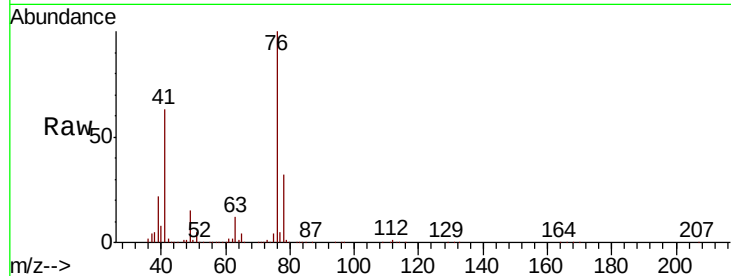
ClientSampleId :

Tot Ion: 76 Resp: 763105

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 206.923 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055535.D

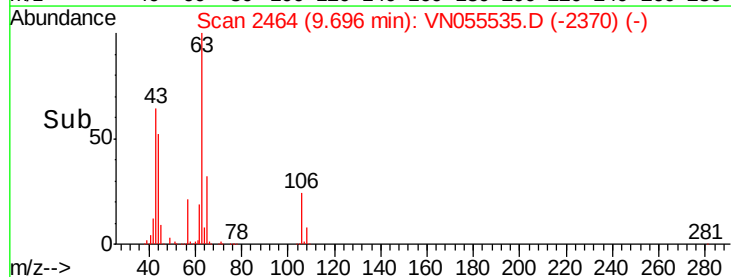
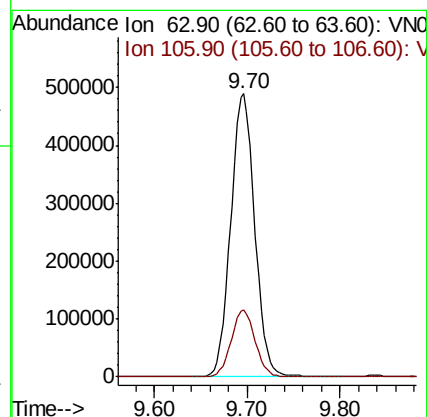
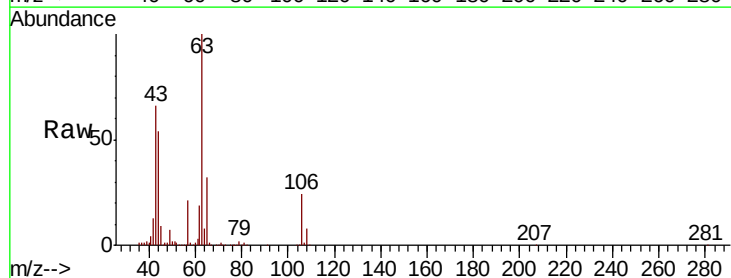
Acq: 10 May 2019 7:54

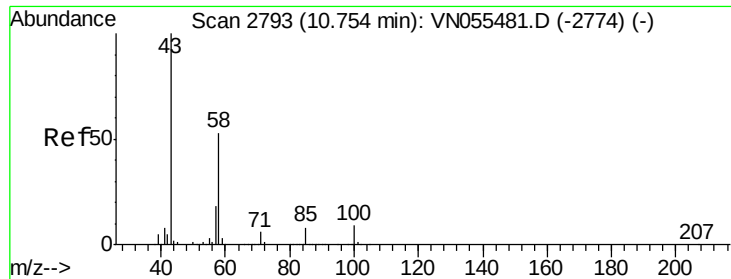
Tgt Ion: 63 Resp: 877586

Ion Ratio Lower Upper

63 100

106 23.6 18.6 27.8

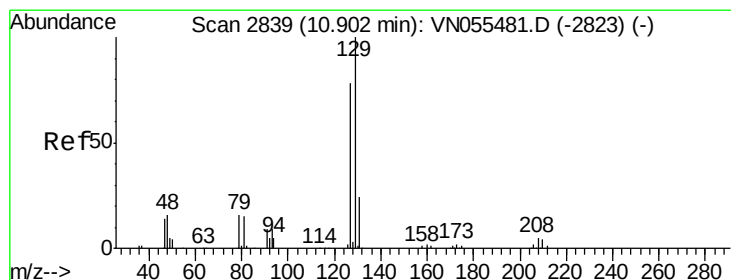
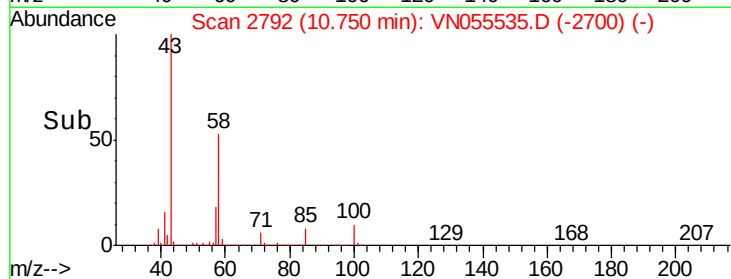
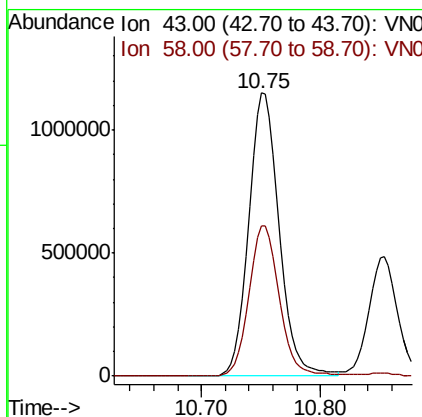
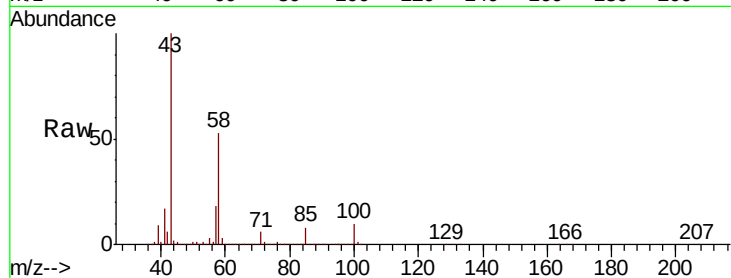




#59
2-Hexanone
Concen: 223.523 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

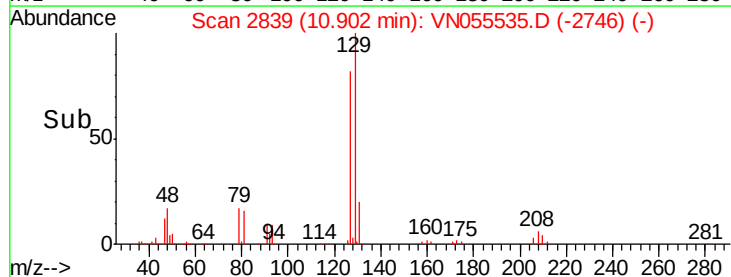
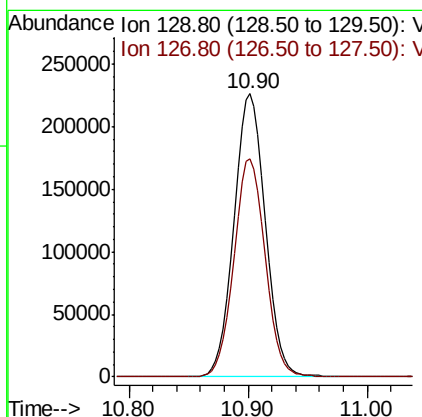
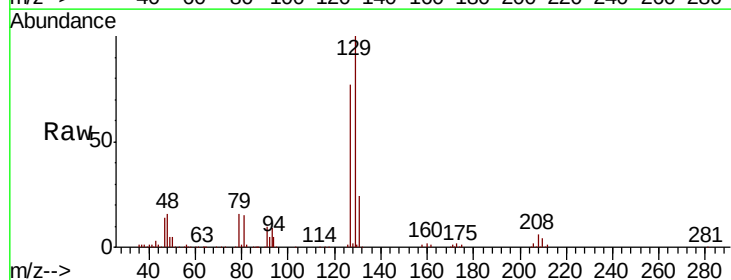
Instrument :
MSVOA_N
ClientSampleId :

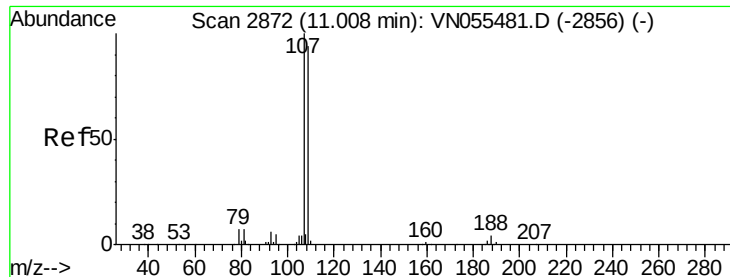
Tot Ion: 43 Resp: 2035366
Ion Ratio Lower Upper
43 100
58 53.0 26.4 79.0



#60
Dibromochloromethane
Concen: 53.080 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion: 129 Resp: 413297
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0

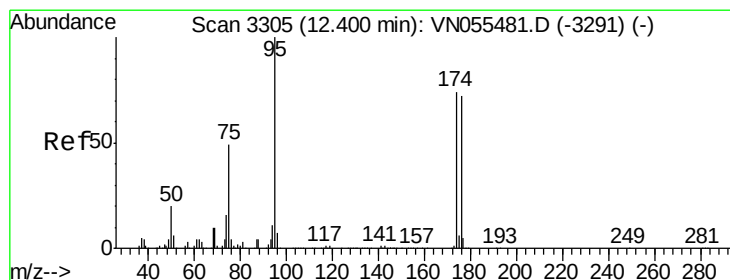
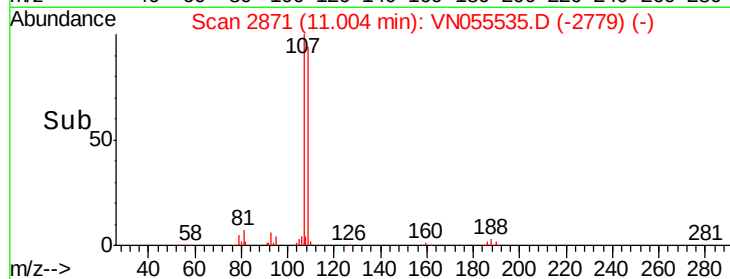
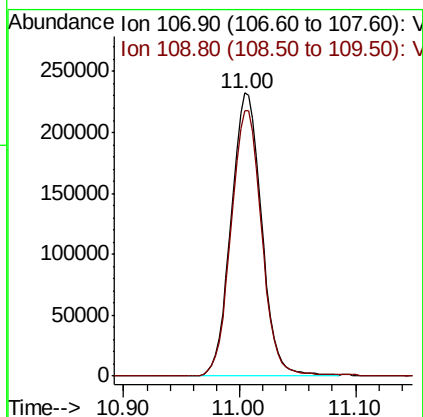
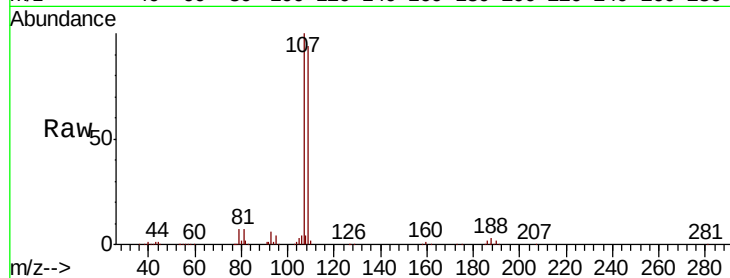




#61
 1,2-Dibromoethane
 Concen: 51.465 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

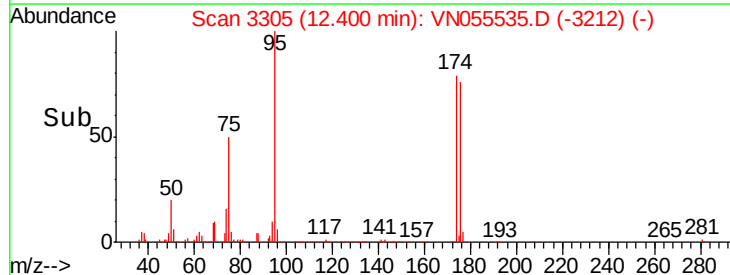
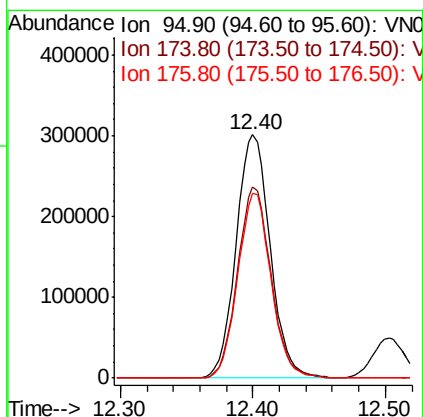
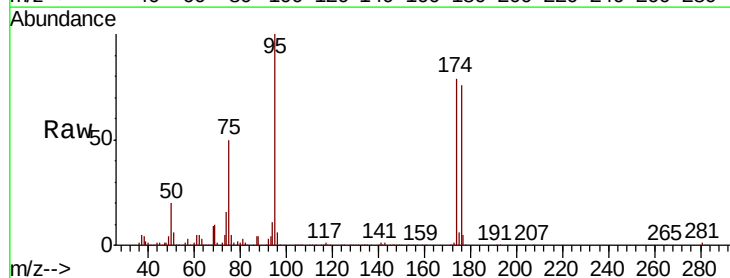
Instrument :
 MSVOA_N
 ClientSampled :

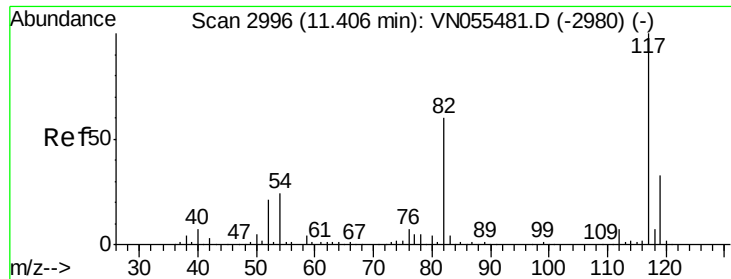
Tot Ion:107 Resp: 423474
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 52.592 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

Tgt Ion: 95 Resp: 539046
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 152.2
 176 74.1 0.0 147.8

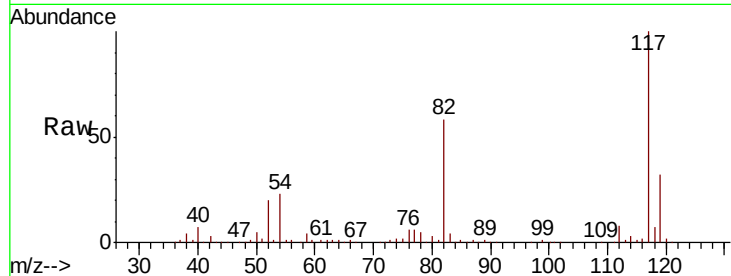




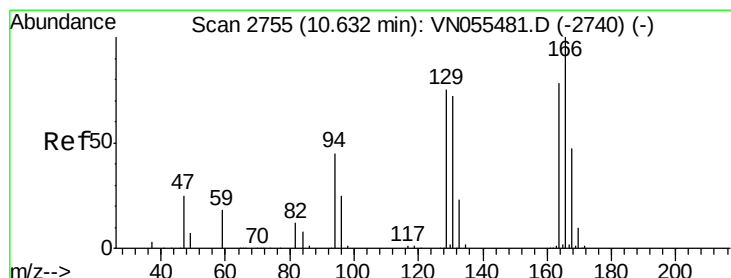
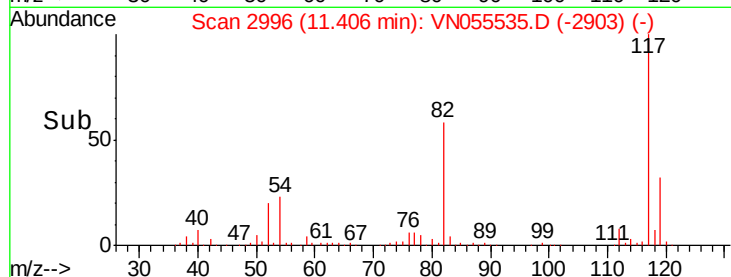
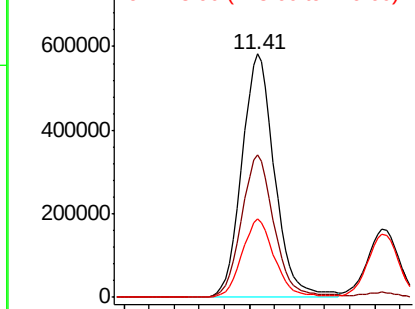
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1057660
Ion Ratio Lower Upper
117 100
82 58.5 48.0 72.0
119 32.0 26.0 39.0

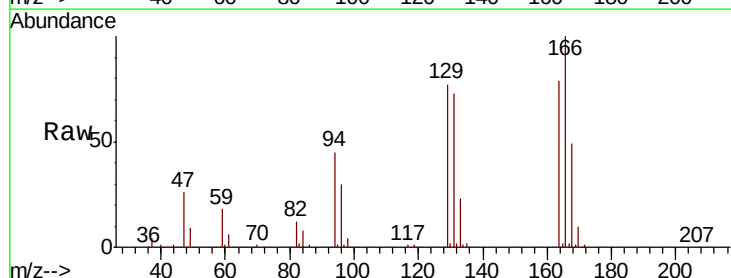


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

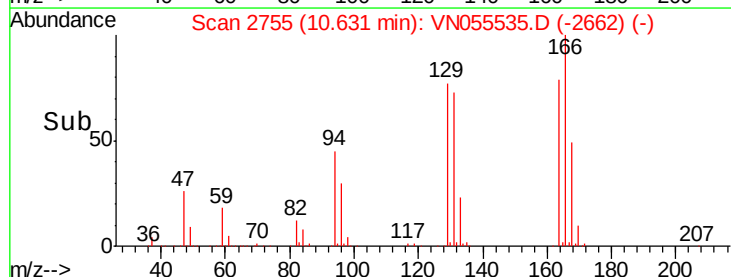
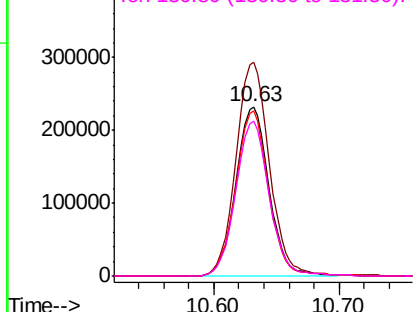


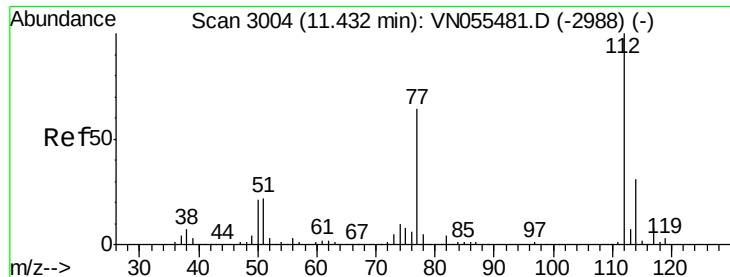
#64
Tetrachloroethene
Concen: 49.224 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion:164 Resp: 426602
Ion Ratio Lower Upper
164 100
166 126.2 102.6 153.8
129 97.7 77.0 115.6
131 91.6 73.7 110.5



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

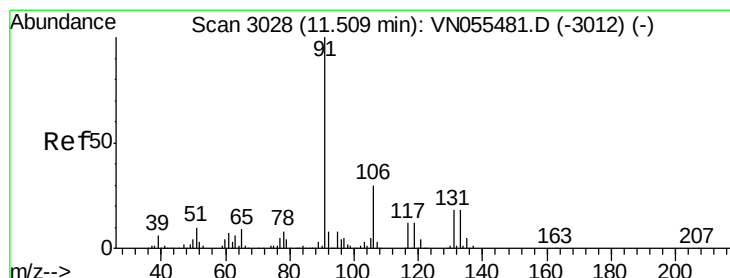
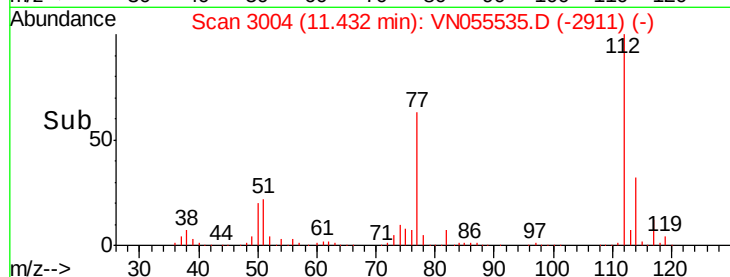
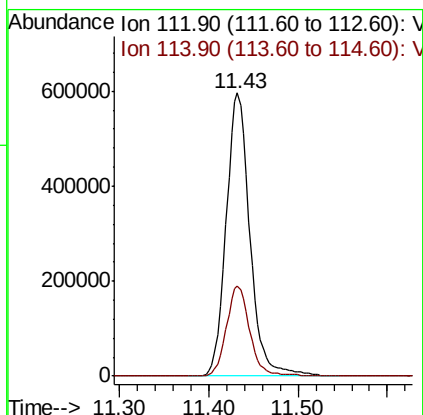
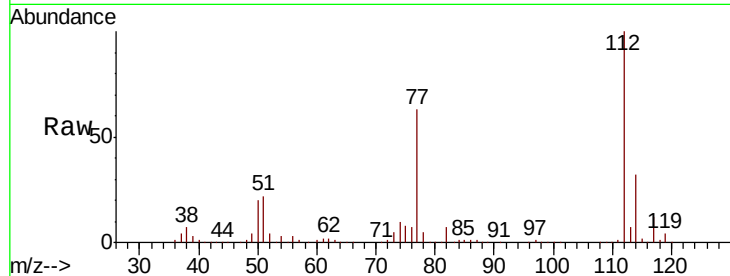




#65
Chlorobenzene
Concen: 50.449 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

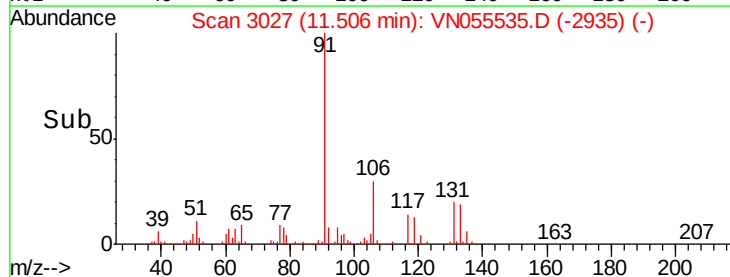
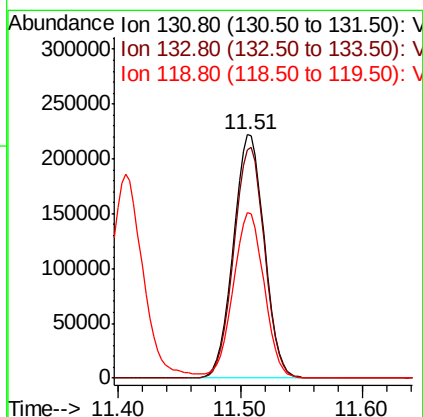
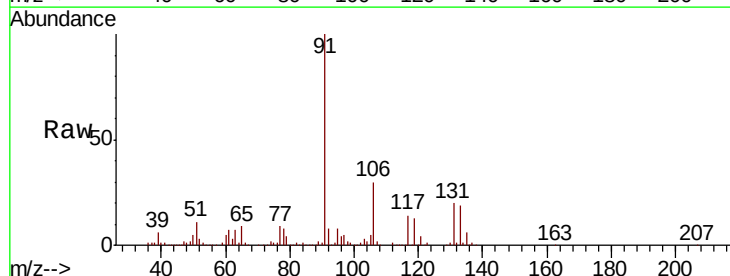
Instrument :
MSVOA_N
ClientSampleId :

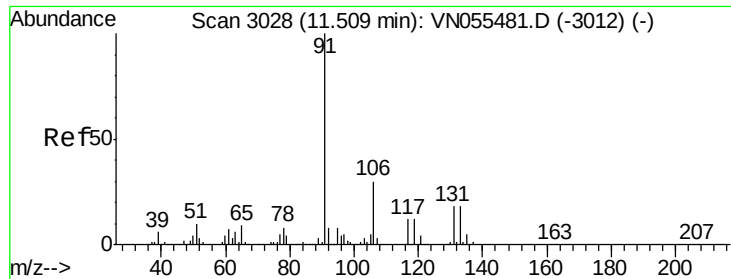
Tot Ion:112 Resp: 1097764
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 52.098 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion:131 Resp: 390276
Ion Ratio Lower Upper
131 100
133 94.5 47.4 142.2
119 68.3 34.1 102.2





#67

Ethyl Benzene

Concen: 49.577 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

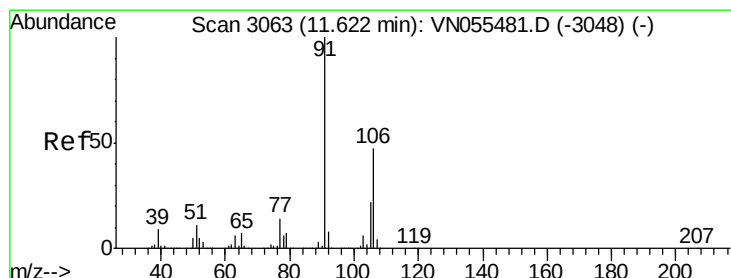
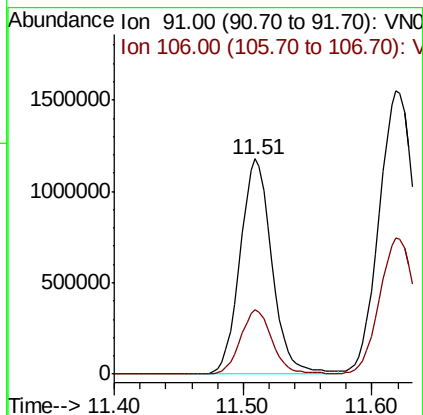
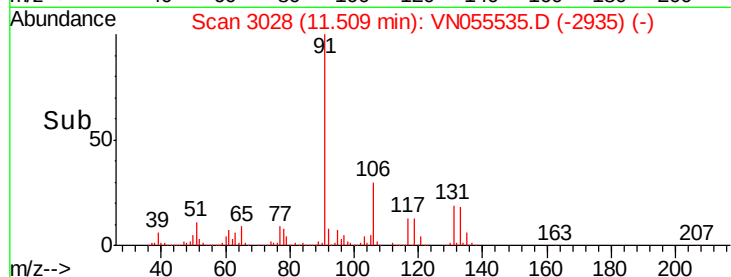
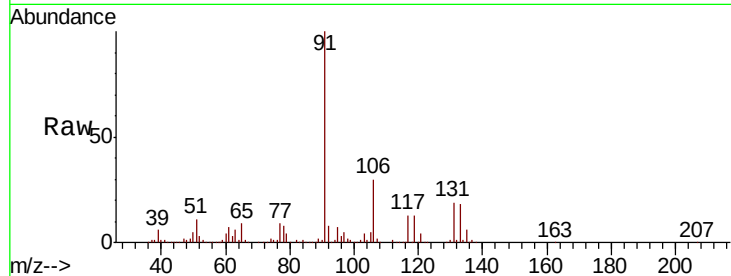
ClientSampleId :

Tot Ion: 91 Resp: 2026132

Ion Ratio Lower Upper

91 100

106 29.7 23.8 35.6



#68

m/p-Xylenes

Concen: 100.823 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN055535.D

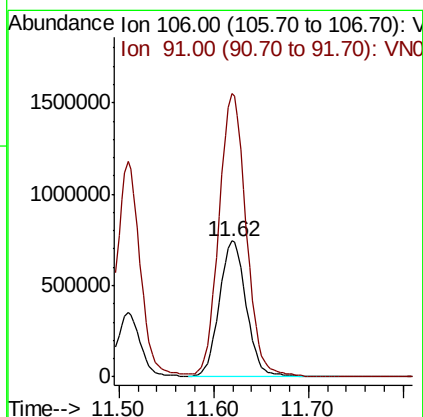
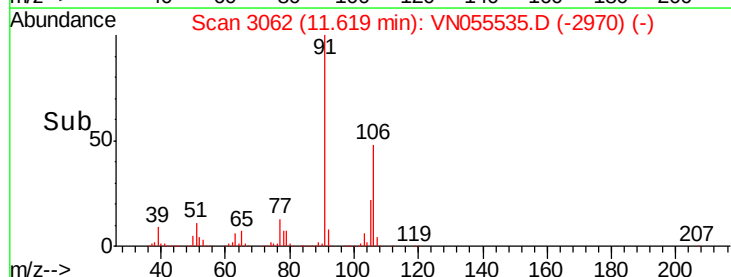
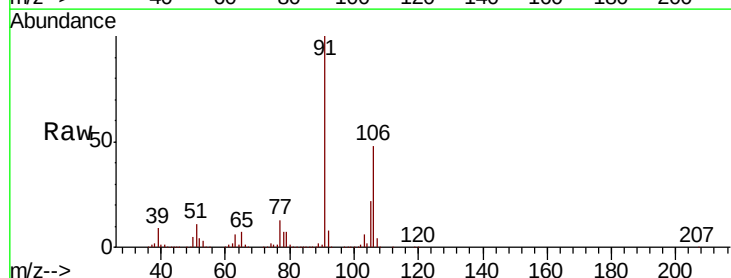
Acq: 10 May 2019 7:54

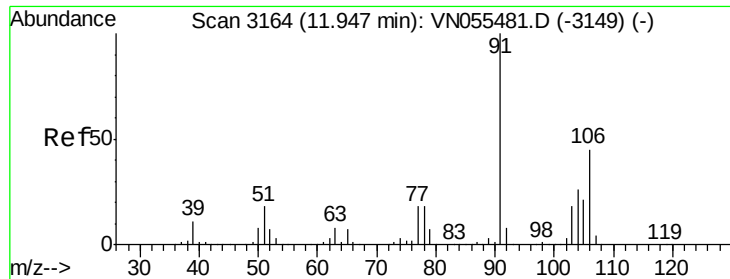
Tgt Ion:106 Resp: 1478711

Ion Ratio Lower Upper

106 100

91 210.5 169.2 253.8

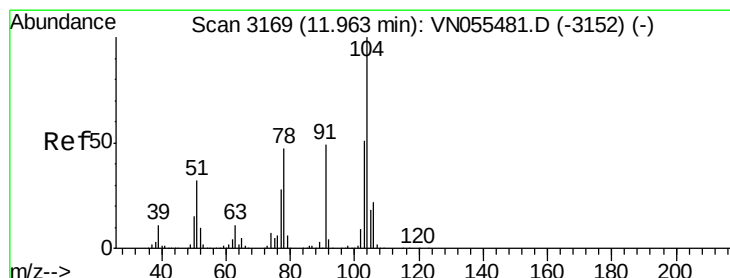
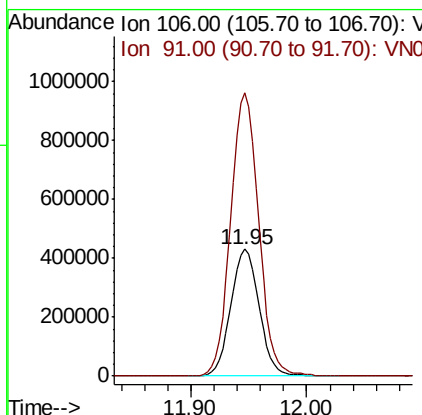
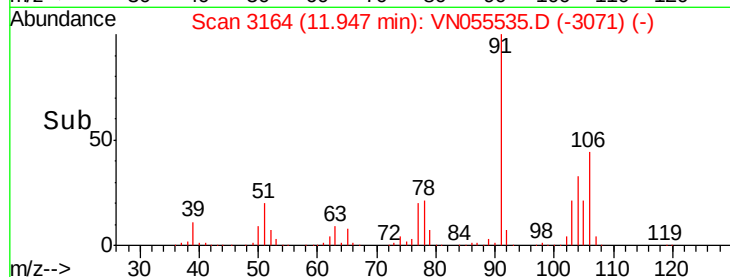
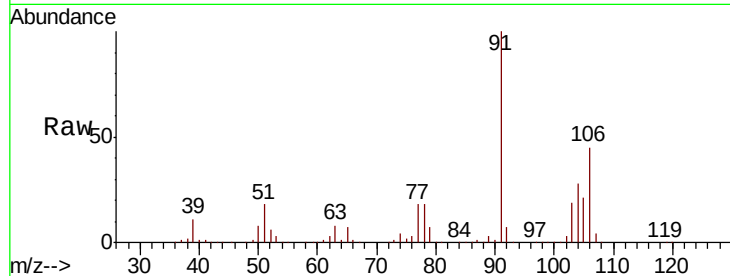




#69
o-Xylene
Concen: 50.528 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

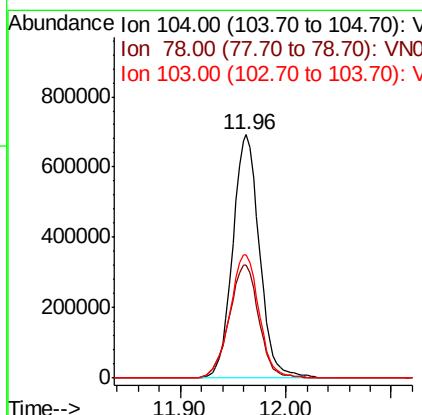
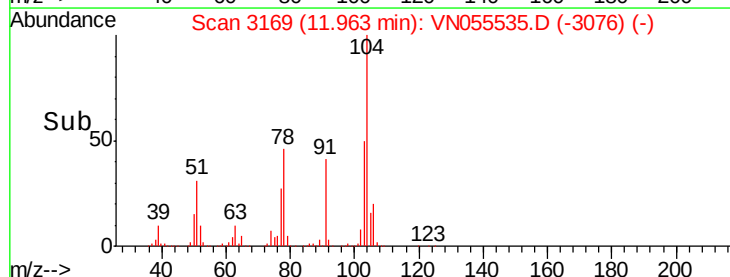
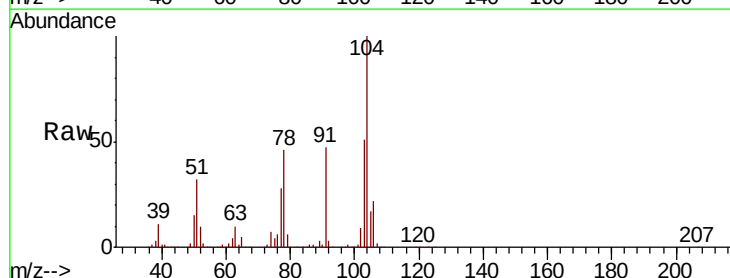
Instrument :
MSVOA_N
ClientSampled :

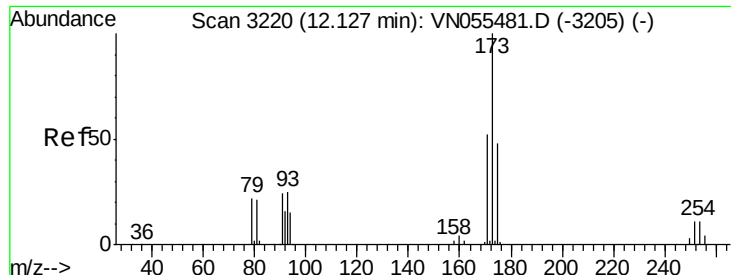
Tot Ion:106 Resp: 728383
Ion Ratio Lower Upper
106 100
91 220.7 111.3 333.8



#70
Styrene
Concen: 52.647 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion:104 Resp: 1215876
Ion Ratio Lower Upper
104 100
78 51.3 41.6 62.4
103 55.5 44.4 66.6





#71

Bromoform

Concen: 53.365 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

ClientSampleId :

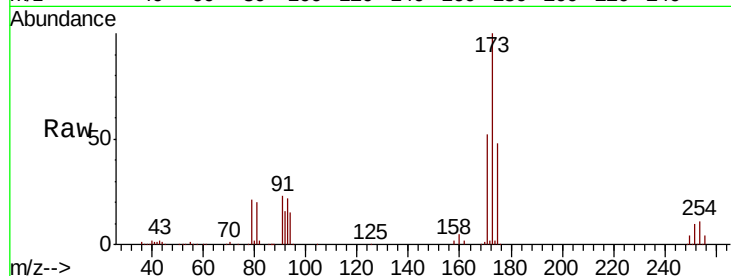
Tot Ion:173 Resp: 269763

Ion Ratio Lower Upper

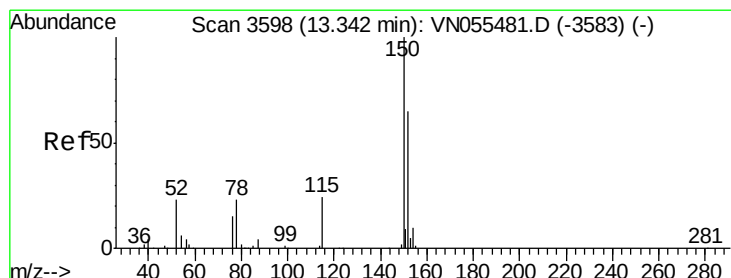
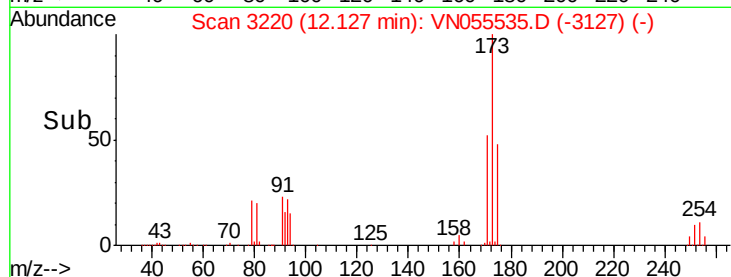
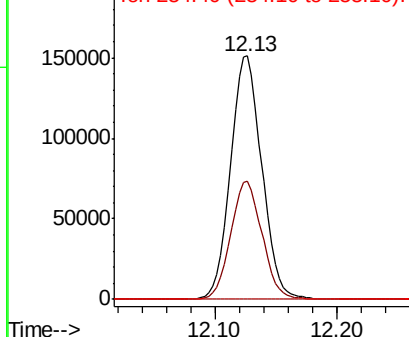
173 100

175 48.4 24.1 72.4

254 0.1 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

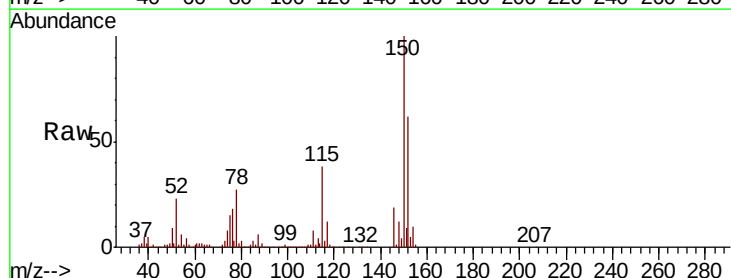
Tgt Ion:152 Resp: 437068

Ion Ratio Lower Upper

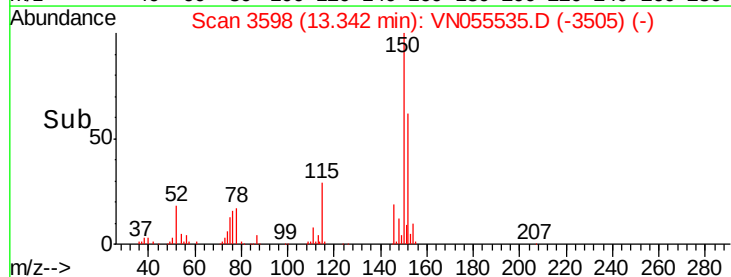
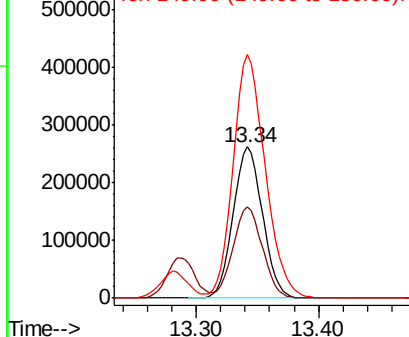
152 100

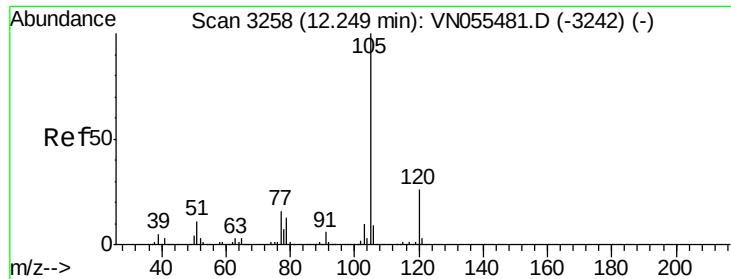
115 60.6 30.1 90.5

150 175.8 0.0 355.0



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: 53.218 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

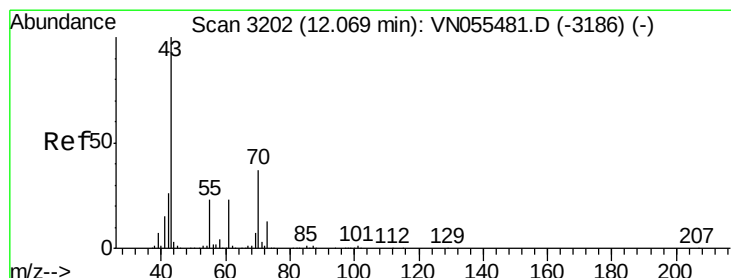
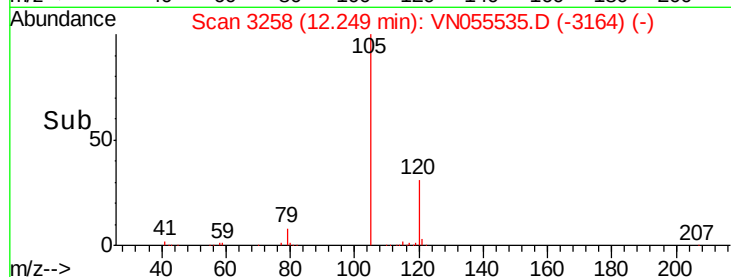
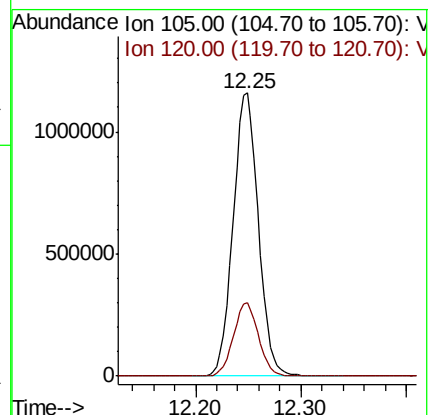
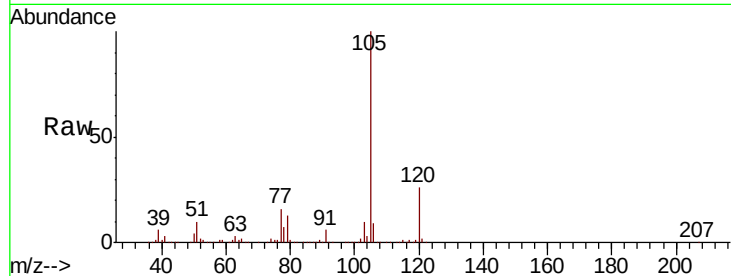
ClientSampled :

Tot Ion:105 Resp: 1912126

Ion Ratio Lower Upper

105 100

120 25.8 13.0 39.0



#74

N-ethyl acetate

Concen: 46.691 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Tgt Ion: 43 Resp: 774764

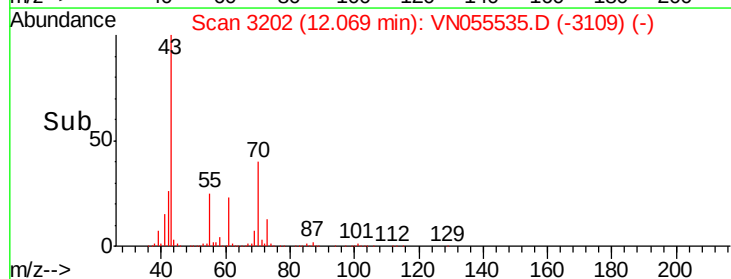
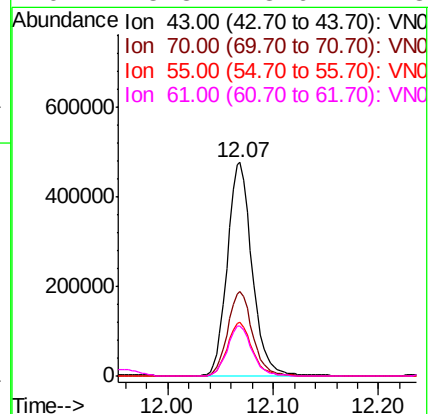
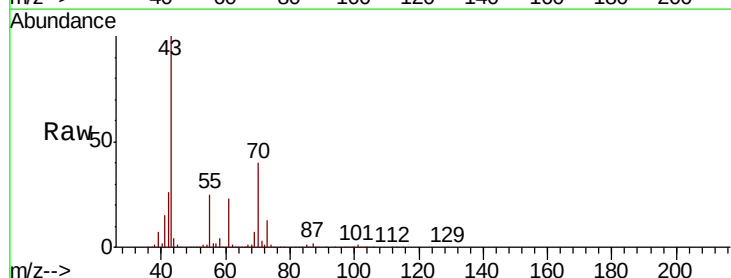
Ion Ratio Lower Upper

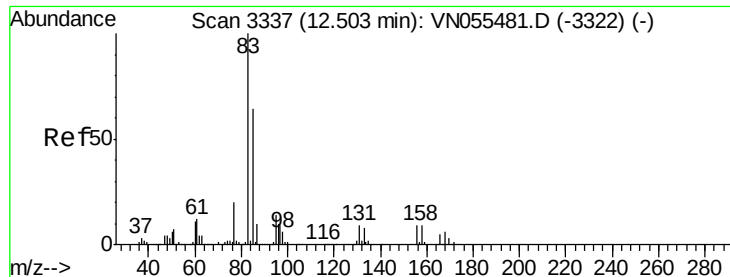
43 100

70 39.7 30.7 46.1

55 25.0 19.3 28.9

61 23.3 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.517 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

ClientSampleId :

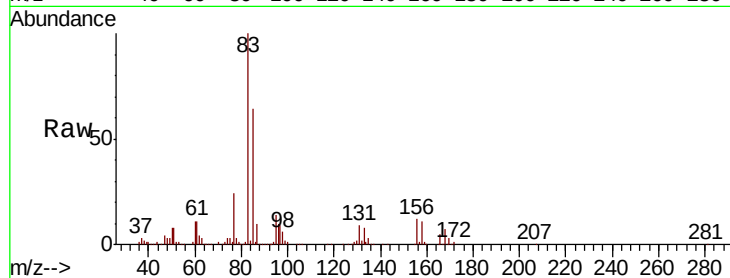
Tot Ion: 83 Resp: 591653

Ion Ratio Lower Upper

83 100

131 9.3 4.5 13.5

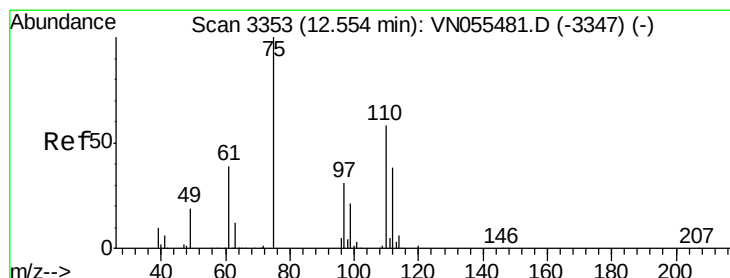
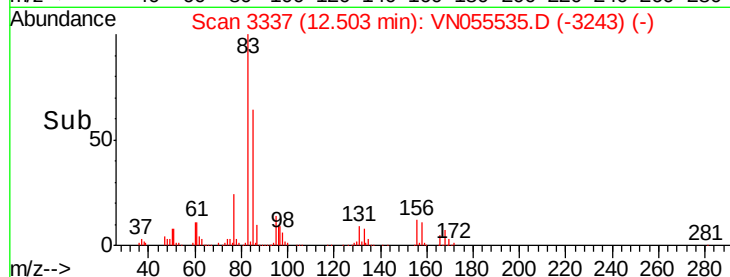
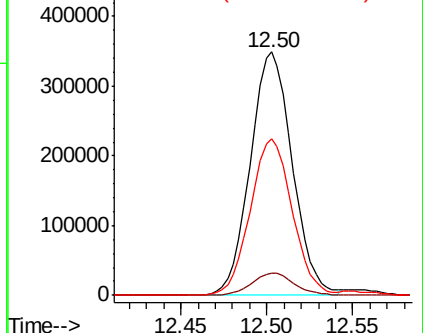
85 64.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN055481.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN055481.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN055481.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 59.685 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN055535.D

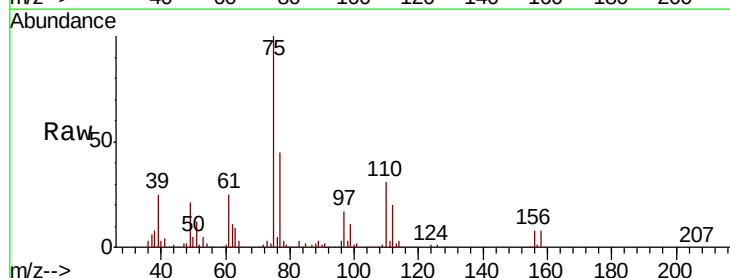
Acq: 10 May 2019 7:54

Tgt Ion: 75 Resp: 710167

Ion Ratio Lower Upper

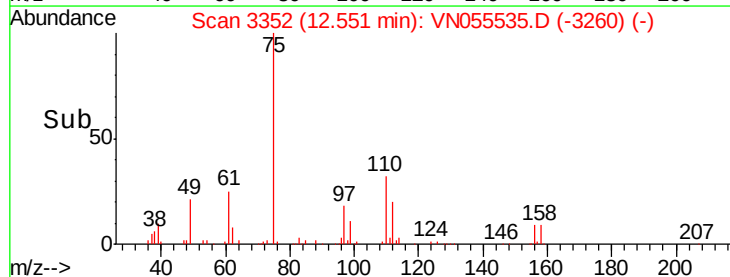
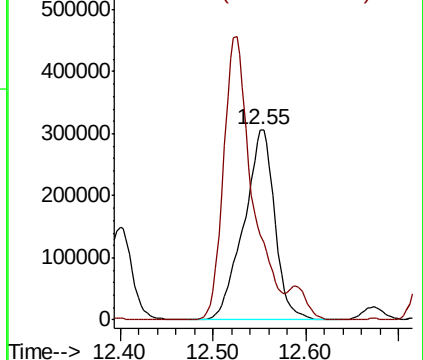
75 100

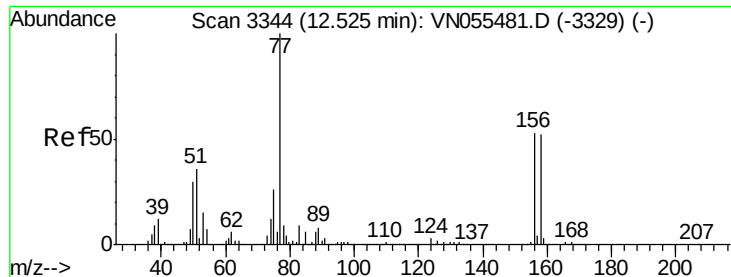
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055481.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN055481.D (-3347) (-)





#77

Bromobenzene

Concen: 46.047 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

ClientSampleId :

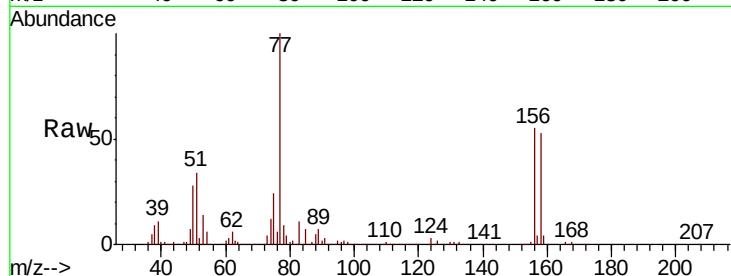
Tot Ion:156 Resp: 443527

Ion Ratio Lower Upper

156 100

77 222.0 115.4 346.2

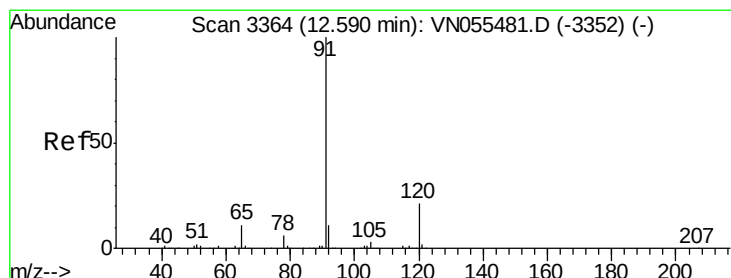
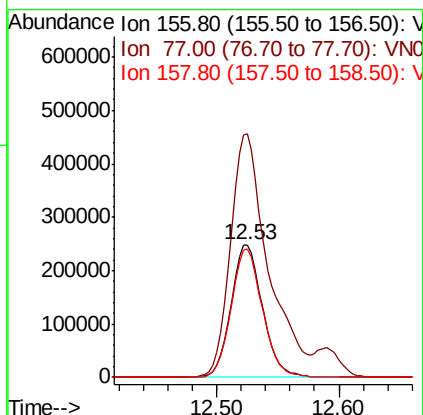
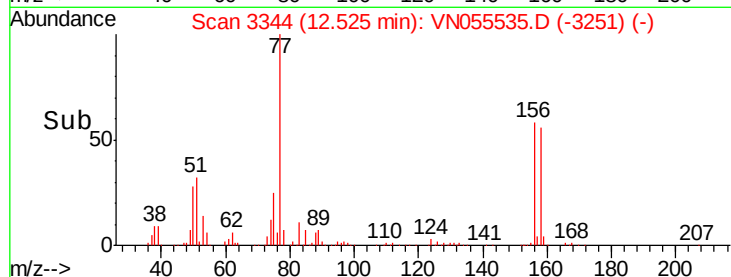
158 96.7 48.7 146.1



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: 46.181 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055535.D

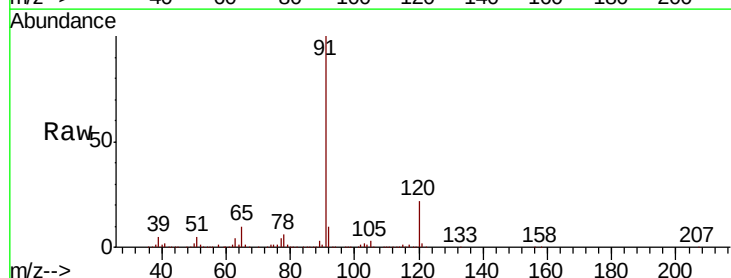
Acq: 10 May 2019 7:54

Tgt Ion: 91 Resp: 2164871

Ion Ratio Lower Upper

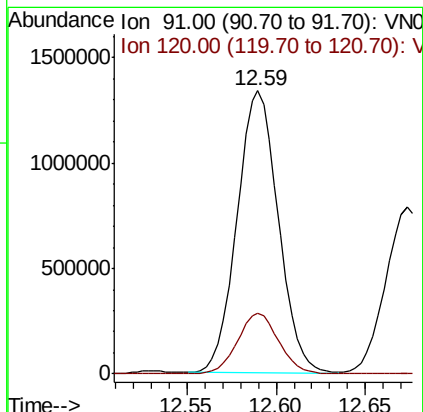
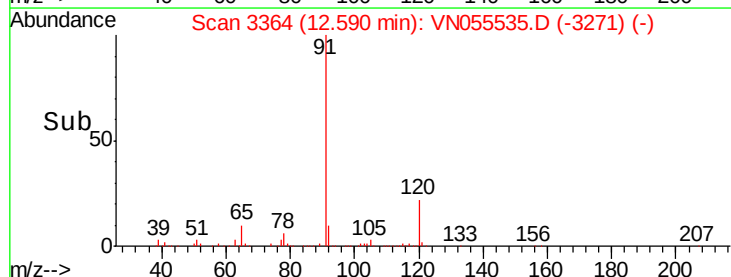
91 100

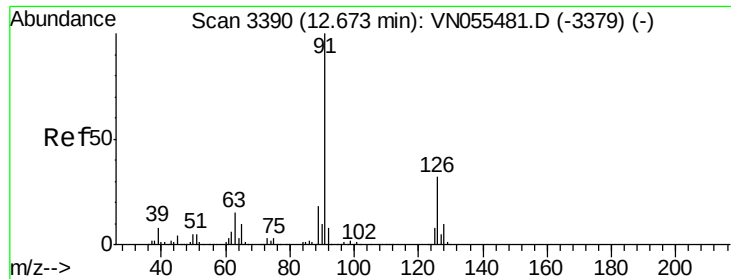
120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.099 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

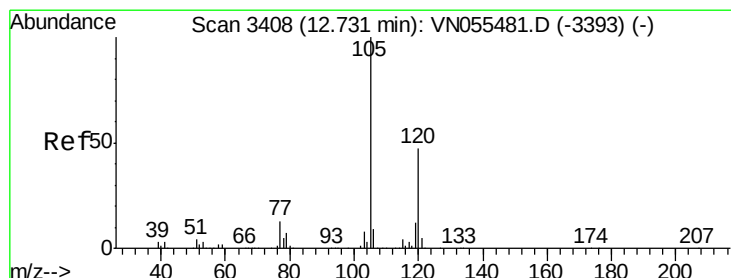
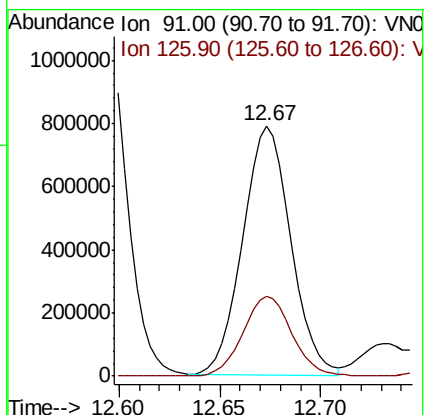
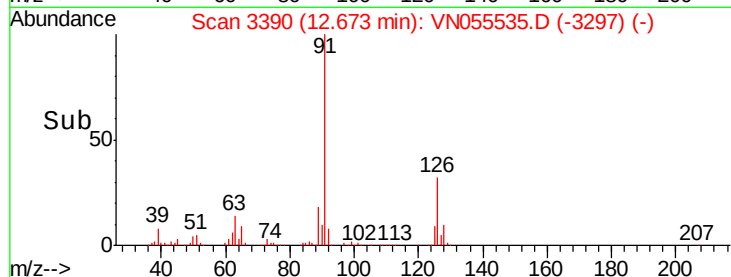
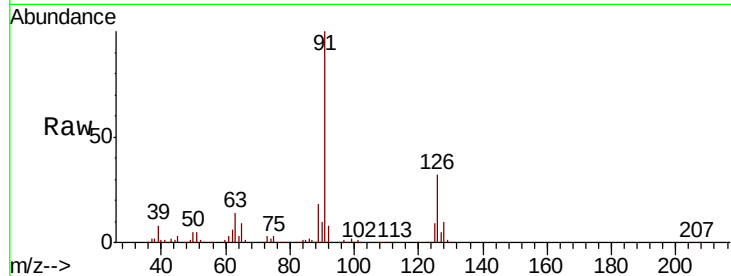
ClientSampleId :

Tot Ion: 91 Resp: 1317568

Ion Ratio Lower Upper

91 100

126 32.5 16.0 47.9



#80

1,3,5-Trimethylbenzene

Concen: 46.487 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055535.D

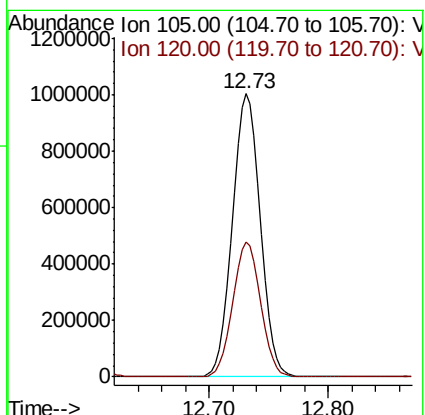
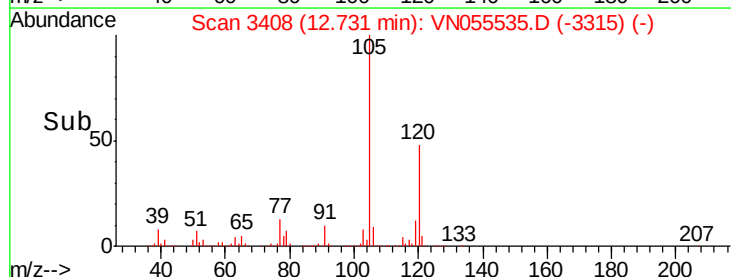
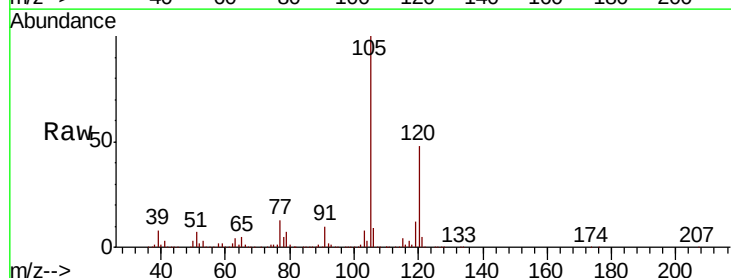
Acq: 10 May 2019 7:54

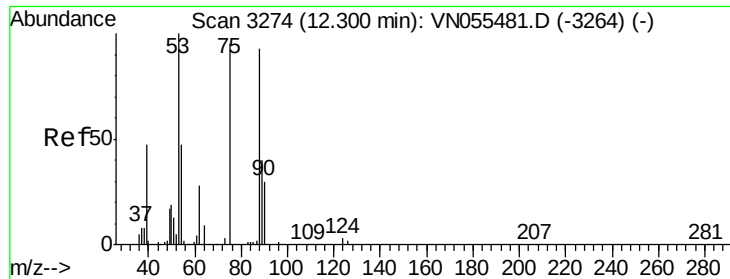
Tgt Ion: 105 Resp: 1624947

Ion Ratio Lower Upper

105 100

120 47.7 23.4 70.0

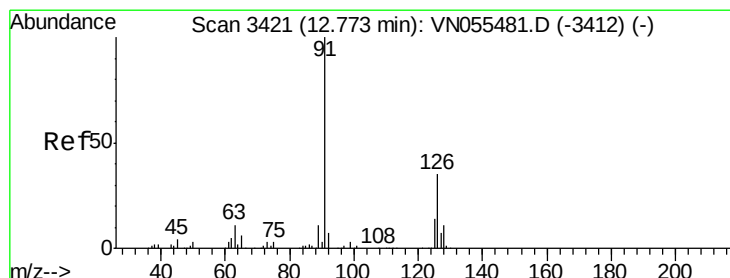
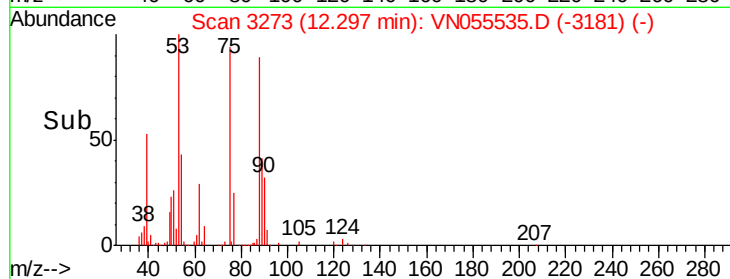
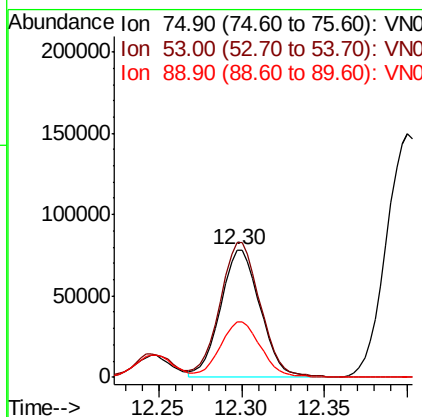
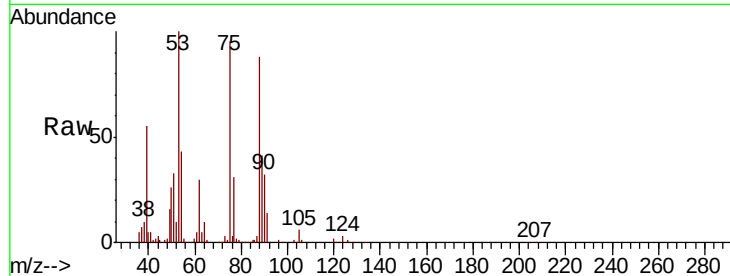




#81
trans-1,4-Dichloro-2-butene
Concen: 40.295 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

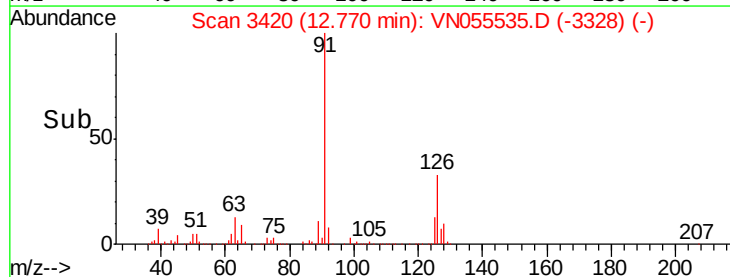
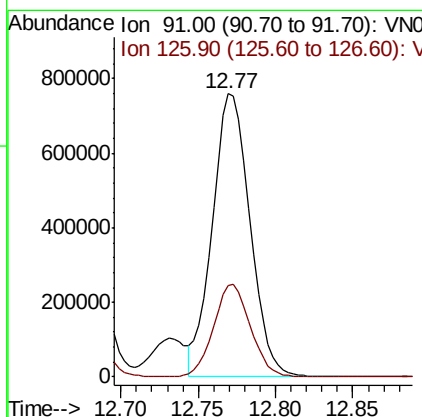
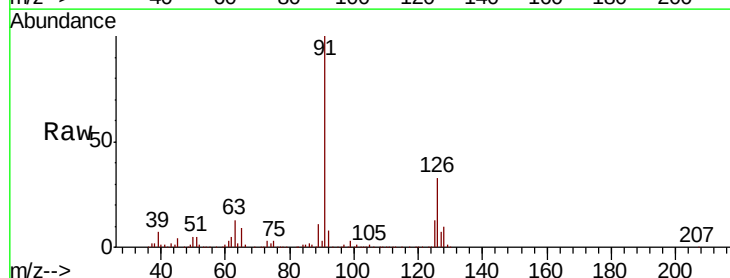
Instrument :
MSVOA_N
ClientSampled :

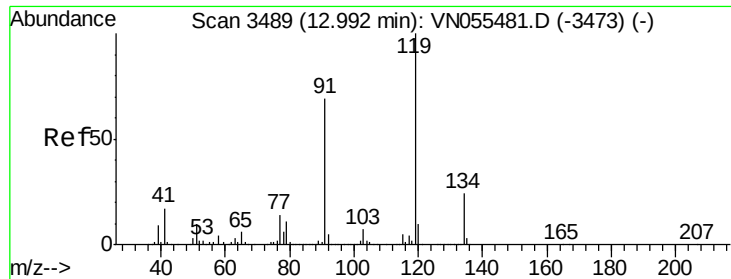
Tot Ion: 75 Resp: 129938
Ion Ratio Lower Upper
75 100
53 107.6 86.5 129.7
89 44.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 46.556 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion: 91 Resp: 1285193
Ion Ratio Lower Upper
91 100
126 32.1 15.7 47.0

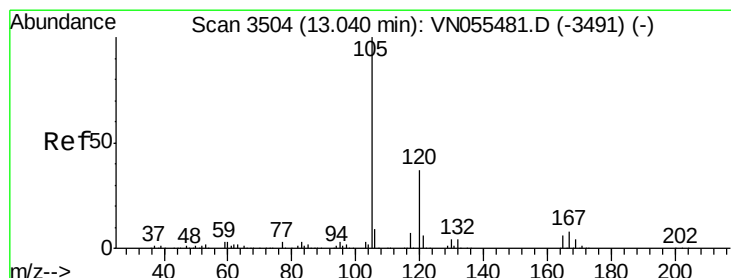
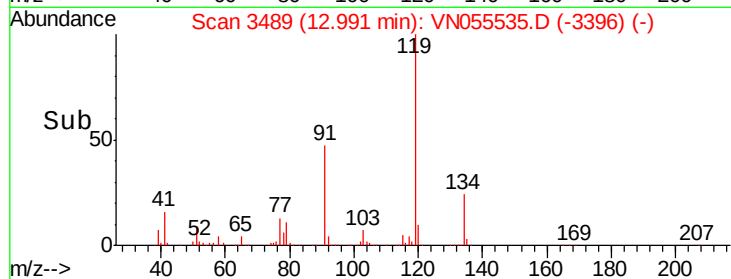
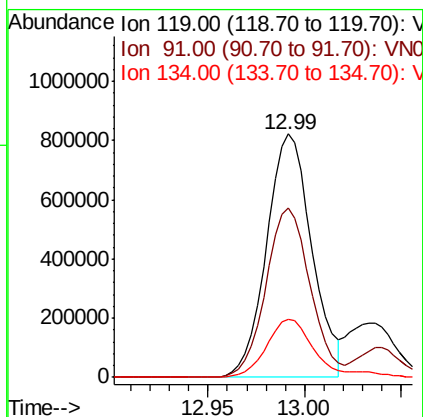
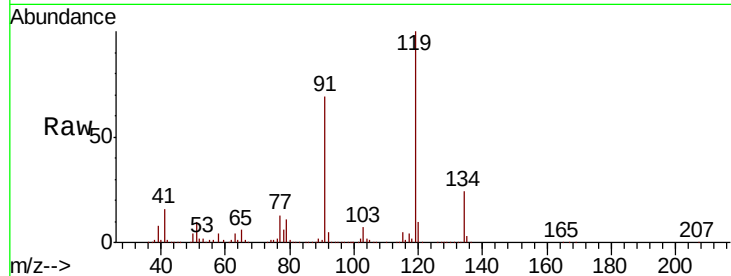




#83
 tert-Butylbenzene
 Concen: 44.727 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

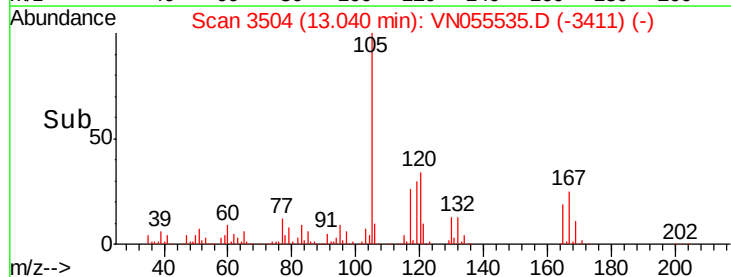
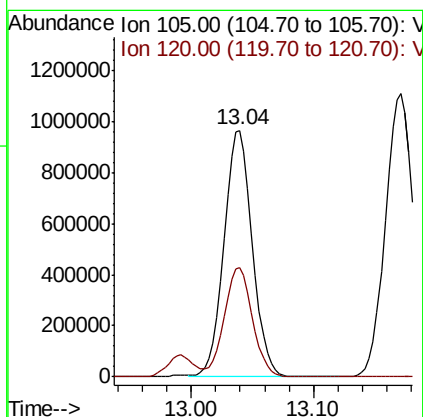
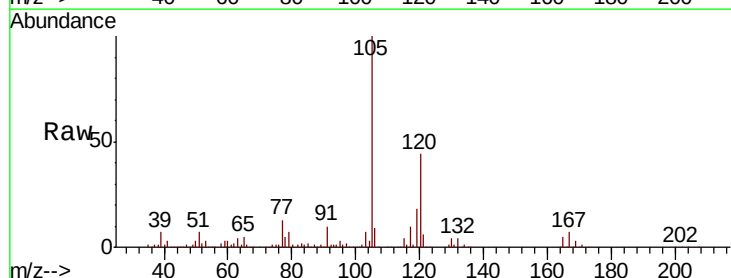
Instrument :
 MSVOA_N
 ClientSampled :

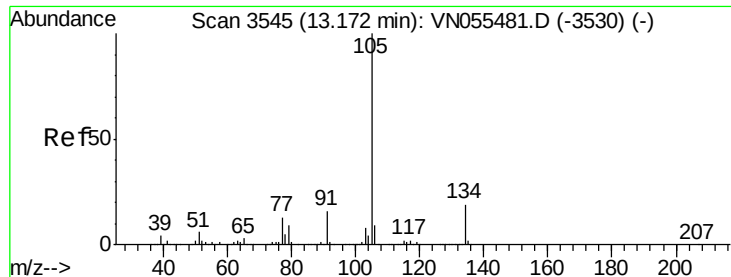
Tot Ion:119 Resp: 1340078
 Ion Ratio Lower Upper
 119 100
 91 68.4 33.8 101.3
 134 25.9 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.750 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

Tgt Ion:105 Resp: 1562806
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 45.147 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

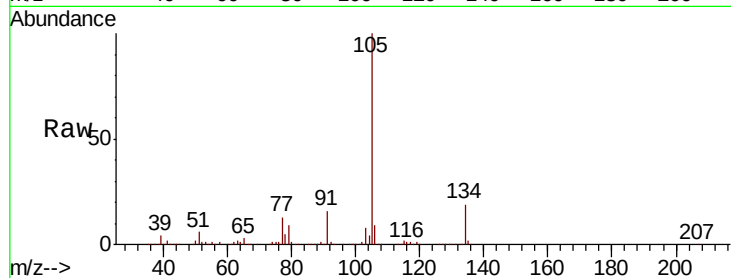
ClientSampleId :

Tot Ion:105 Resp: 1797689

Ion Ratio Lower Upper

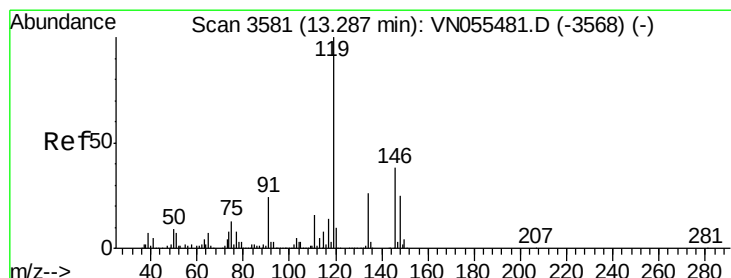
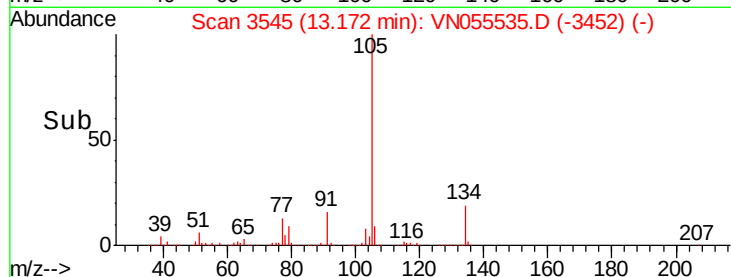
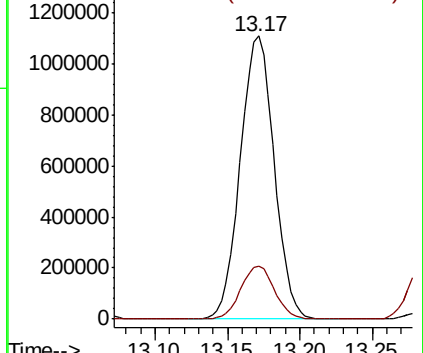
105 100

134 18.9 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.944 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

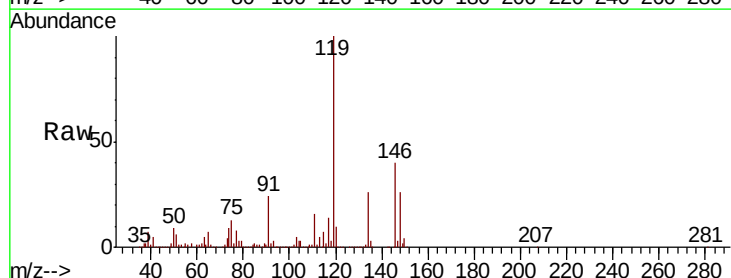
Tgt Ion:119 Resp: 1521289

Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.4

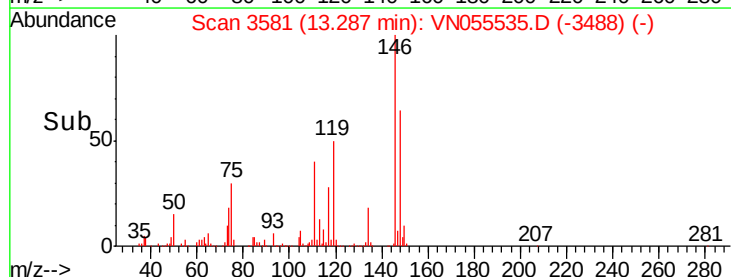
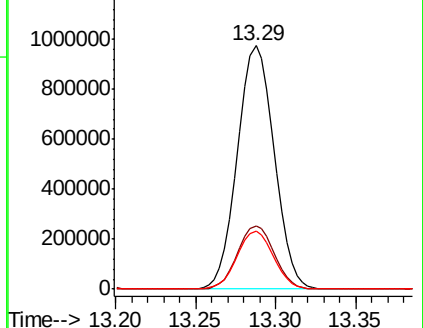
91 23.8 12.0 36.0

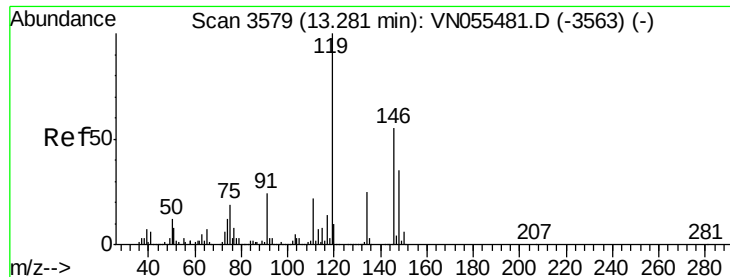


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

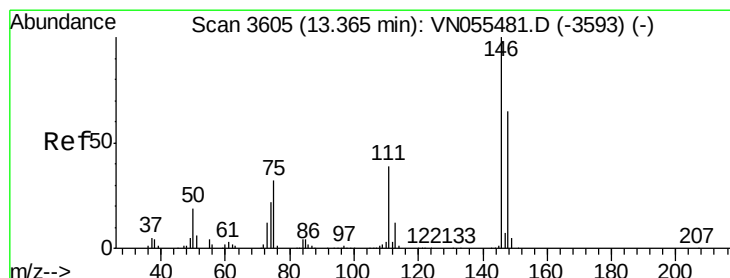
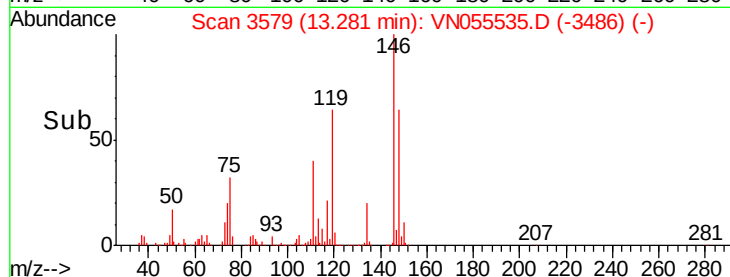
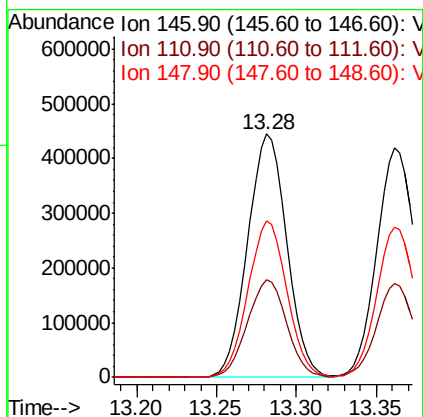
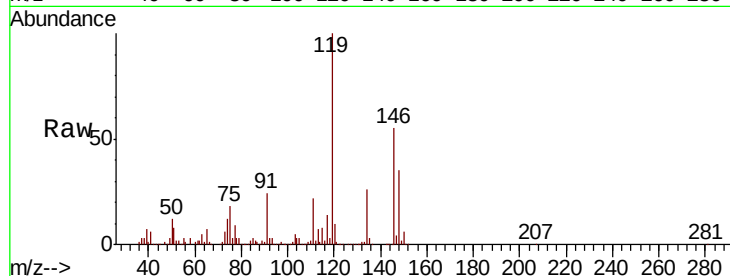




#87
 1,3-Dichlorobenzene
 Concen: 50.057 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

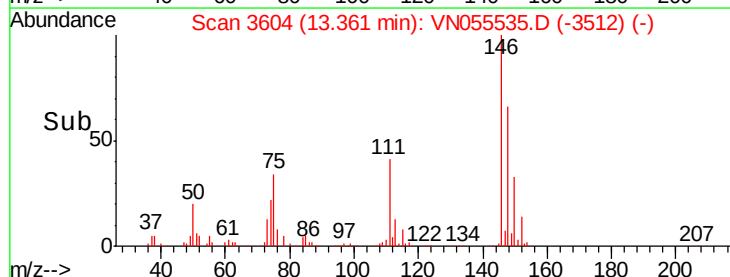
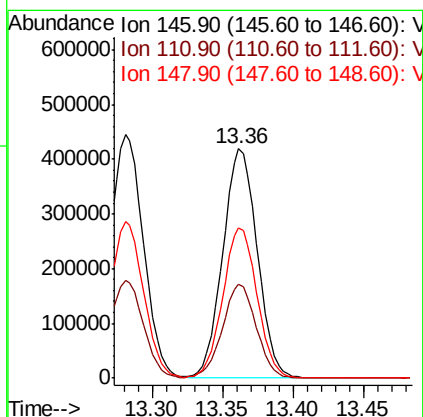
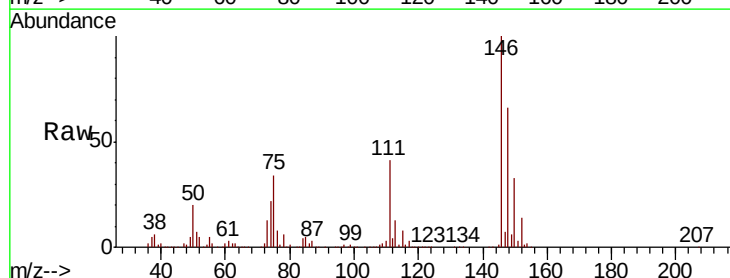
Instrument :
 MSVOA_N
 ClientSampled :

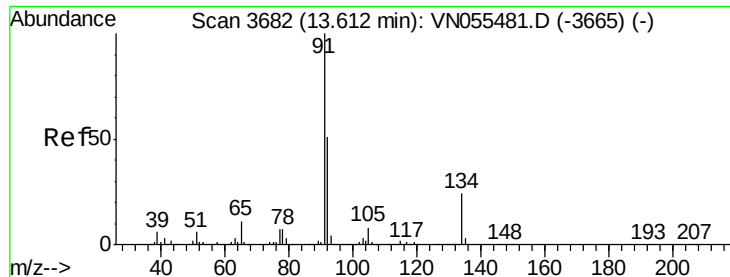
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.3
148	63.9	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.706 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.8
148	64.8	32.5	97.4

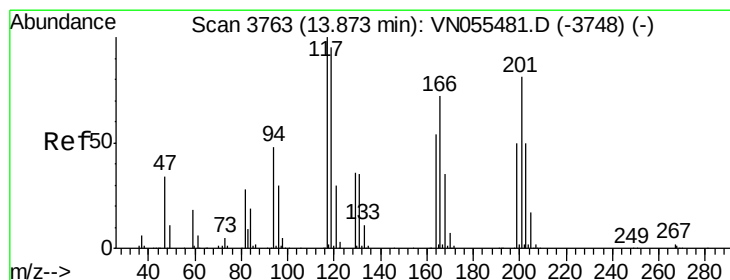
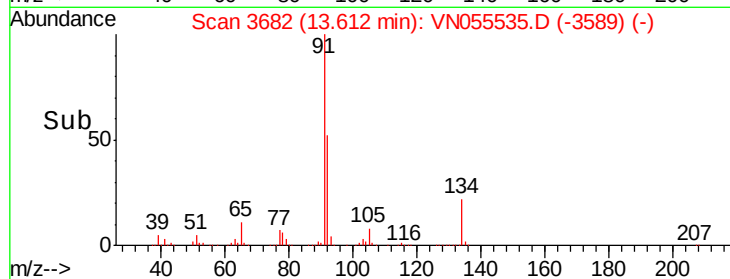
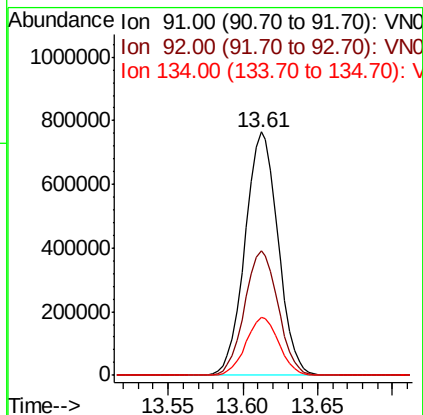
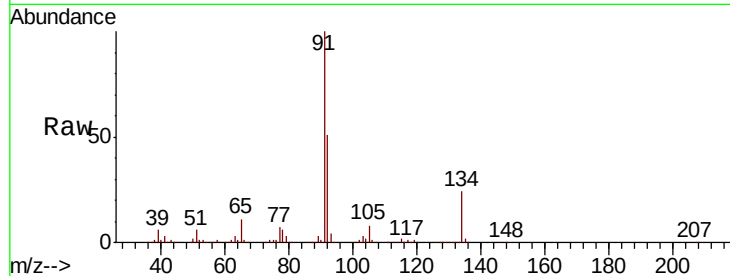




#89
n-Butylbenzene
Concen: 46.717 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

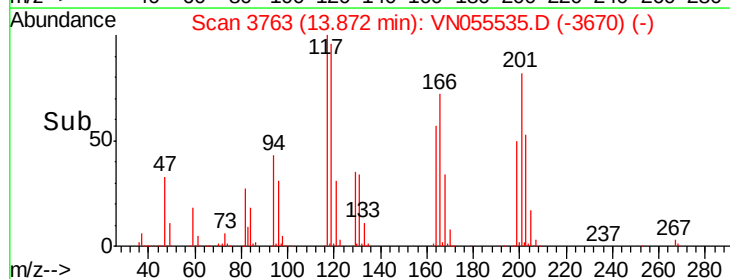
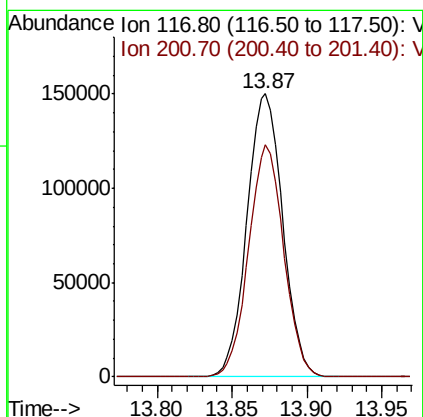
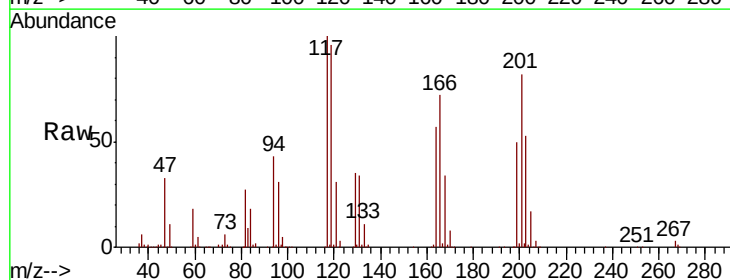
Instrument :
MSVOA_N
ClientSampleId :

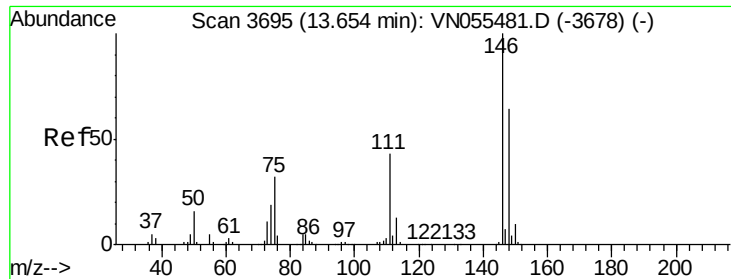
Tot Ion: 91 Resp: 1173497
Ion Ratio Lower Upper
91 100
92 52.0 25.9 77.7
134 23.8 11.8 35.4



#90
Hexachloroethane
Concen: 47.313 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion: 117 Resp: 250113
Ion Ratio Lower Upper
117 100
201 80.4 40.1 120.2





#91

1,2-Dichlorobenzene

Concen: 50.202 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

Instrument :

MSVOA_N

ClientSampleId :

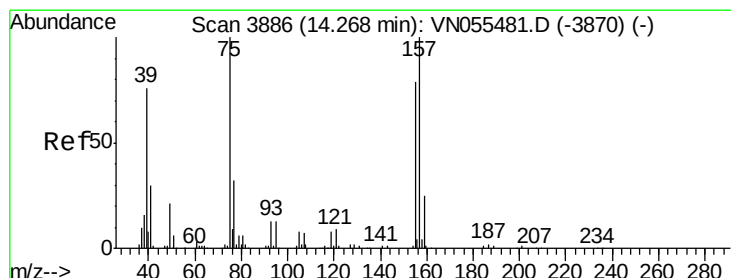
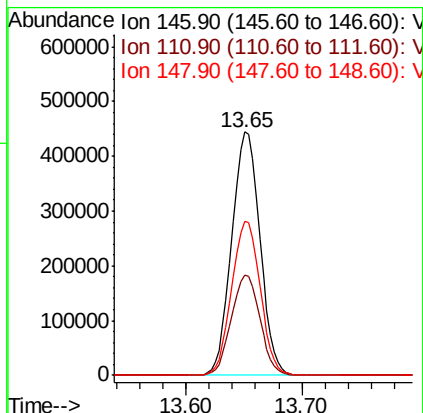
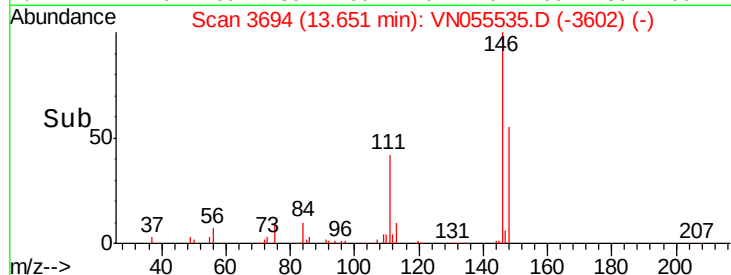
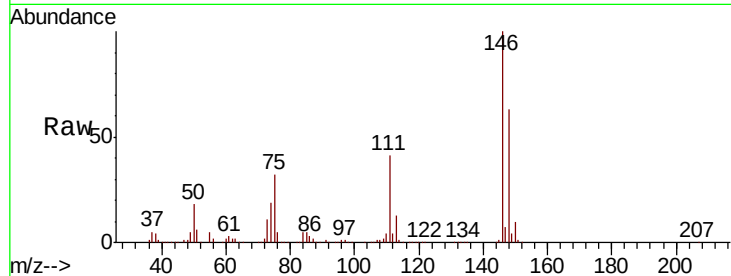
Tot Ion:146 Resp: 746779

Ion Ratio Lower Upper

146 100

111 41.8 21.3 63.7

148 64.0 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.969 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055535.D

Acq: 10 May 2019 7:54

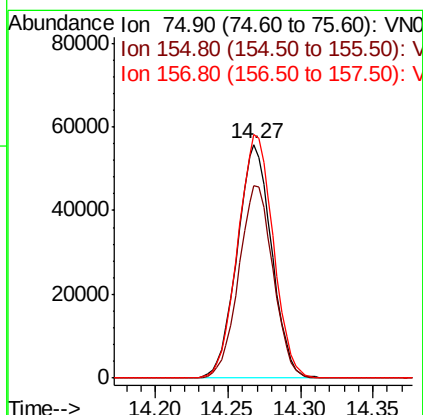
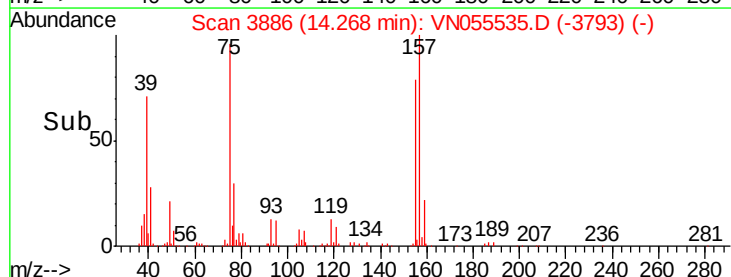
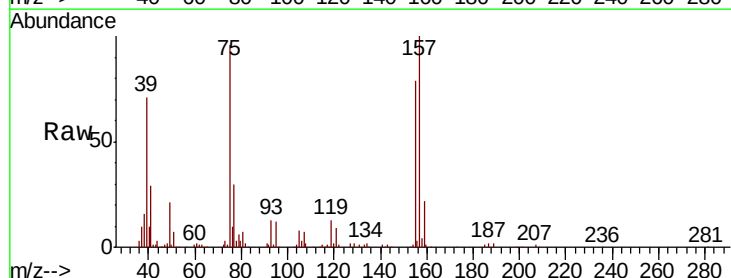
Tgt Ion: 75 Resp: 92389

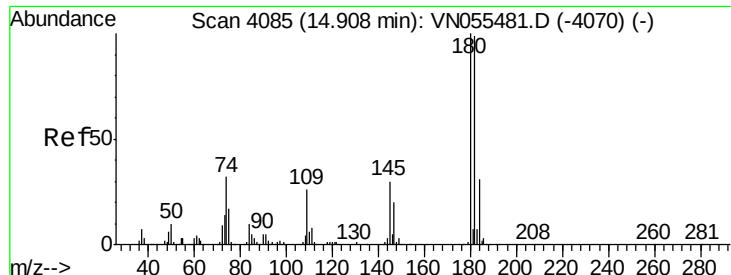
Ion Ratio Lower Upper

75 100

155 81.8 39.3 117.8

157 106.7 50.6 151.8

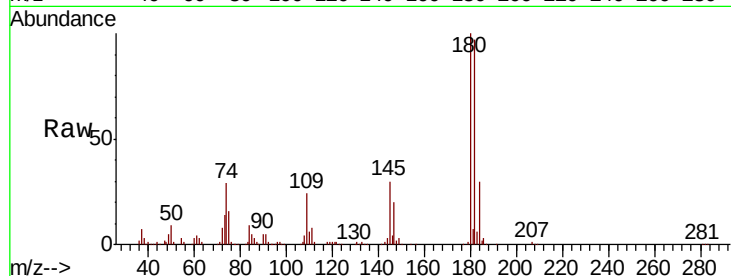




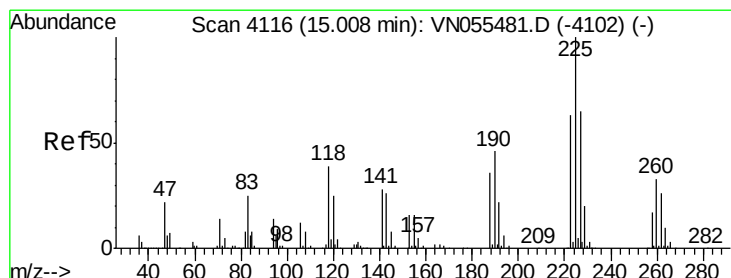
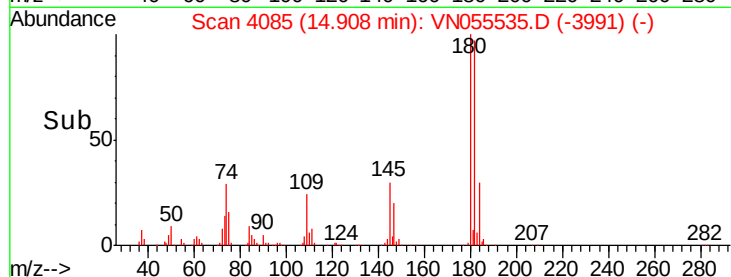
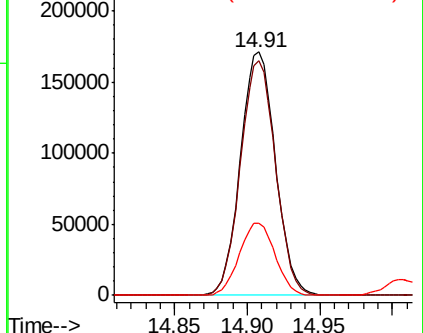
#93
 1,2,4-Trichlorobenzene
 Concen: 44.807 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.7	146.1
145	30.3	15.3	45.9

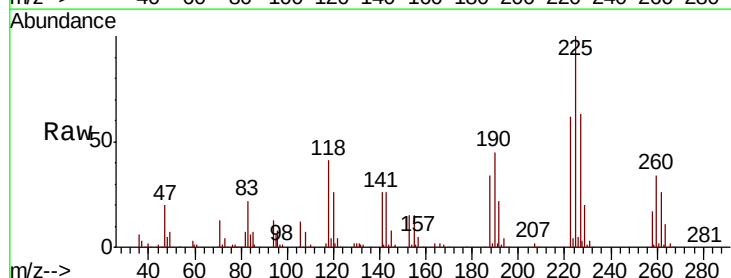


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

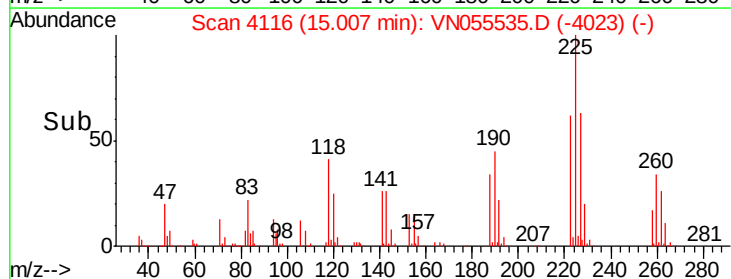
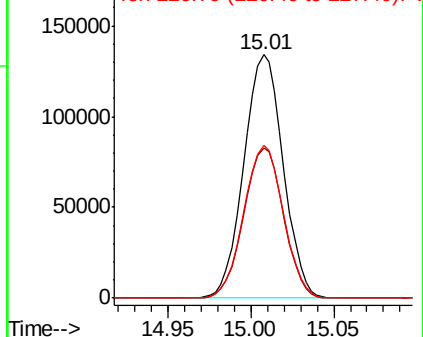


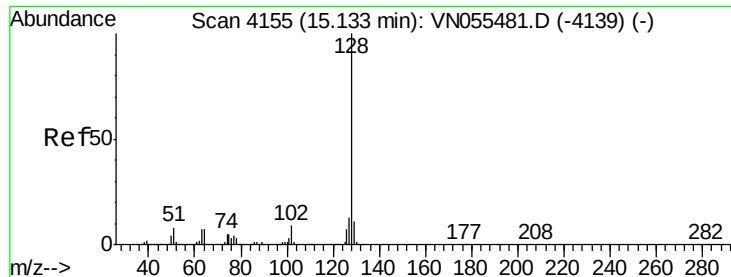
#94
 Hexachlorobutadiene
 Concen: 50.295 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055535.D
 Acq: 10 May 2019 7:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.4	94.3
227	63.1	32.0	96.0



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

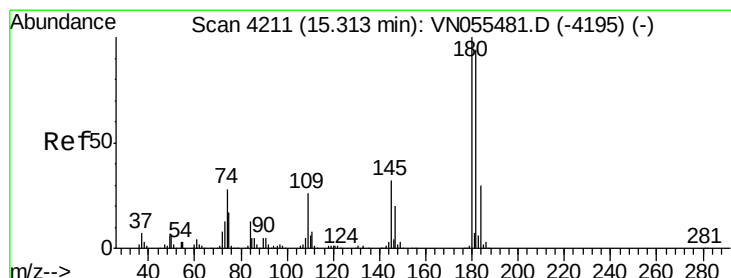
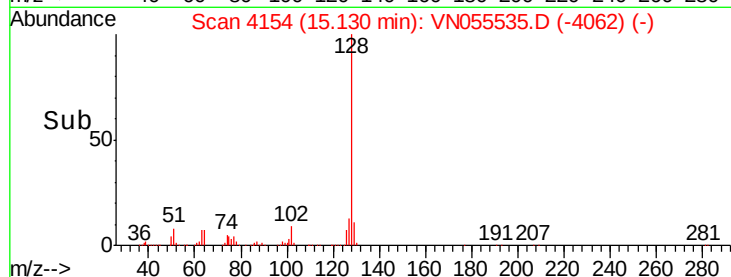
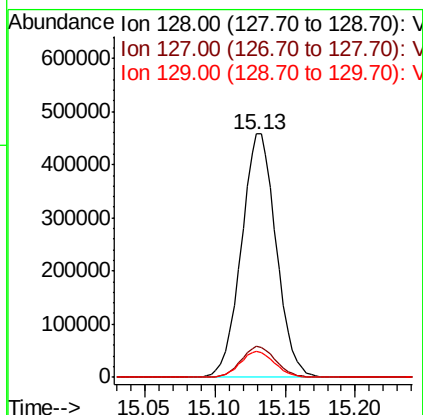
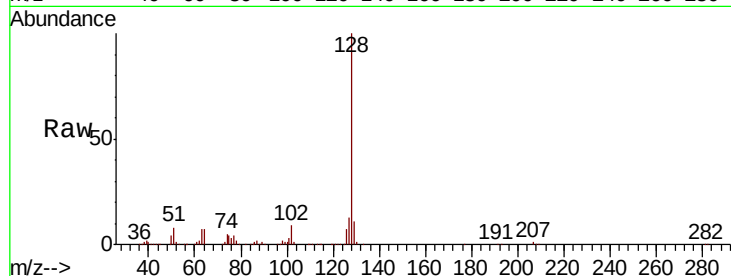




#95
Naphthalene
Concen: 43.779 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 790721
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.059 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN055535.D
Acq: 10 May 2019 7:54

Tgt Ion:180 Resp: 321633
Ion Ratio Lower Upper
180 100
182 94.5 47.1 141.3
145 32.1 15.8 47.4

