

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042719\
 Data File : VN055280.D
 Acq On : 26 Apr 2019 16:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 09:13:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	396057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	641697	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	553310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	220058	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	276604	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
35) Dibromofluoromethane	7.59	113	220142	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
50) Toluene-d8	10.09	98	788003	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.40	95	259662	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	266485	52.258	ug/l	99
3) Chloromethane	2.06	50	303667	48.598	ug/l	100
4) Vinyl Chloride	2.19	62	241219	48.177	ug/l	96
5) Bromomethane	2.55	94	131781	45.384	ug/l	100
6) Chloroethane	2.70	64	129672	49.137	ug/l	99
7) Trichlorofluoromethane	3.01	101	347351	50.978	ug/l	97
8) Diethyl Ether	3.41	74	131475	54.060	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	206149	48.485	ug/l	99
10) Methyl Iodide	3.96	142	316556	53.092	ug/l	99
11) Tert butyl alcohol	4.79	59	97890	312.781	ug/l	99
12) 1,1-Dichloroethene	3.74	96	203403	49.918	ug/l	98
13) Acrolein	3.61	56	152349	321.891	ug/l	100
14) Allyl chloride	4.33	41	424071	52.645	ug/l	99
15) Acrylonitrile	4.99	53	496663	289.364	ug/l	100
16) Acetone	3.82	43	449032	253.382	ug/l	97
17) Carbon Disulfide	4.06	76	544415	47.791	ug/l	100
18) Methyl Acetate	4.33	43	233477	61.572	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	627096	55.663	ug/l	97
20) Methylene Chloride	4.55	84	242120	47.524	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	215476	50.429	ug/l	98
22) Diisopropyl ether	5.96	45	863293	53.765	ug/l	99
23) Vinyl Acetate	5.90	43	3188269	295.482	ug/l	99
24) 1,1-Dichloroethane	5.85	63	444858	51.508	ug/l	99
25) 2-Butanone	6.84	43	639491	279.508	ug/l	99
26) 2,2-Dichloropropane	6.83	77	309240	52.911	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	250742	50.906	ug/l	98
28) Bromochloromethane	7.20	49	215485	48.946	ug/l	96
29) Tetrahydrofuran	7.21	42	419254	298.038	ug/l	98
30) Chloroform	7.37	83	420516	51.186	ug/l	100
31) Cyclohexane	7.65	56	401553	49.653	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	344224	52.154	ug/l	99
36) 1,1-Dichloropropene	7.79	75	309769	52.010	ug/l	99
37) Ethyl Acetate	6.93	43	272997	56.796	ug/l	99
38) Carbon Tetrachloride	7.78	117	292184	52.388	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	325535	45.815	ug/l	98
40) Benzene	8.04	78	939744	51.113	ug/l	99
41) Methacrylonitrile	7.18	41	141773	56.260	ug/l	94
42) 1,2-Dichloroethane	8.12	62	333023	51.920	ug/l	100
43) Isopropyl Acetate	8.17	43	465746	59.837	ug/l	99
44) Trichloroethene	8.84	130	231436	49.804	ug/l	98
45) 1,2-Dichloropropane	9.12	63	271194	52.255	ug/l	100
46) Dibromomethane	9.21	93	152534	51.342	ug/l	98
47) Bromodichloromethane	9.40	83	323538	54.399	ug/l	99
48) Methyl methacrylate	9.20	41	213193	56.466	ug/l	98
49) 1,4-Dioxane	9.20	88	48969	1123.096	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1301942	290.684	ug/l	99
52) Toluene	10.16	92	546397	50.694	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	315423	57.790	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	376739	55.621	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	211485	53.222	ug/l	99
56) Ethyl methacrylate	10.43	69	285127	57.600	ug/l	98
57) 1,3-Dichloropropane	10.71	76	365249	52.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	454369	238.746	ug/l	99
59) 2-Hexanone	10.75	43	822190	290.621	ug/l	99
60) Dibromochloromethane	10.90	129	223441	54.592	ug/l	99
61) 1,2-Dibromoethane	11.01	107	201847	54.027	ug/l	100
64) Tetrachloroethene	10.63	164	220094	48.760	ug/l	99
65) Chlorobenzene	11.43	112	550277	48.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	216816	51.798	ug/l	99
67) Ethyl Benzene	11.51	91	1016685	50.537	ug/l	100
68) m/p-Xylenes	11.62	106	734002	101.728	ug/l	100
69) o-Xylene	11.95	106	364060	50.842	ug/l	100
70) Styrene	11.96	104	592323	53.366	ug/l	98
71) Bromoform	12.13	173	139674	55.918	ug/l #	100
73) Isopropylbenzene	12.25	105	952961	54.078	ug/l	99
74) N-amyl acetate	12.07	43	334519	58.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	262367	59.075	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	309533	69.334	ug/l #	100
77) Bromobenzene	12.53	156	232561	47.871	ug/l	97
78) n-propylbenzene	12.59	91	1049954	47.576	ug/l	100
79) 2-Chlorotoluene	12.67	91	647348	46.453	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	781917	47.465	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	63051	53.538	ug/l	99
82) 4-Chlorotoluene	12.77	91	625359	48.775	ug/l	99
83) tert-Butylbenzene	12.99	119	649381	52.575	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	750730	48.292	ug/l	99
85) sec-Butylbenzene	13.17	105	838581	44.996	ug/l	99
86) p-Isopropyltoluene	13.29	119	727691	47.394	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	372688	49.974	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	352817	48.592	ug/l	99
89) n-Butylbenzene	13.62	91	557657	49.000	ug/l	99
90) Hexachloroethane	13.87	117	123840	45.478	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	368070	48.051	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	38067	56.967	ug/l	94

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QLast Update : Tue Apr 23 05:52:53 2019
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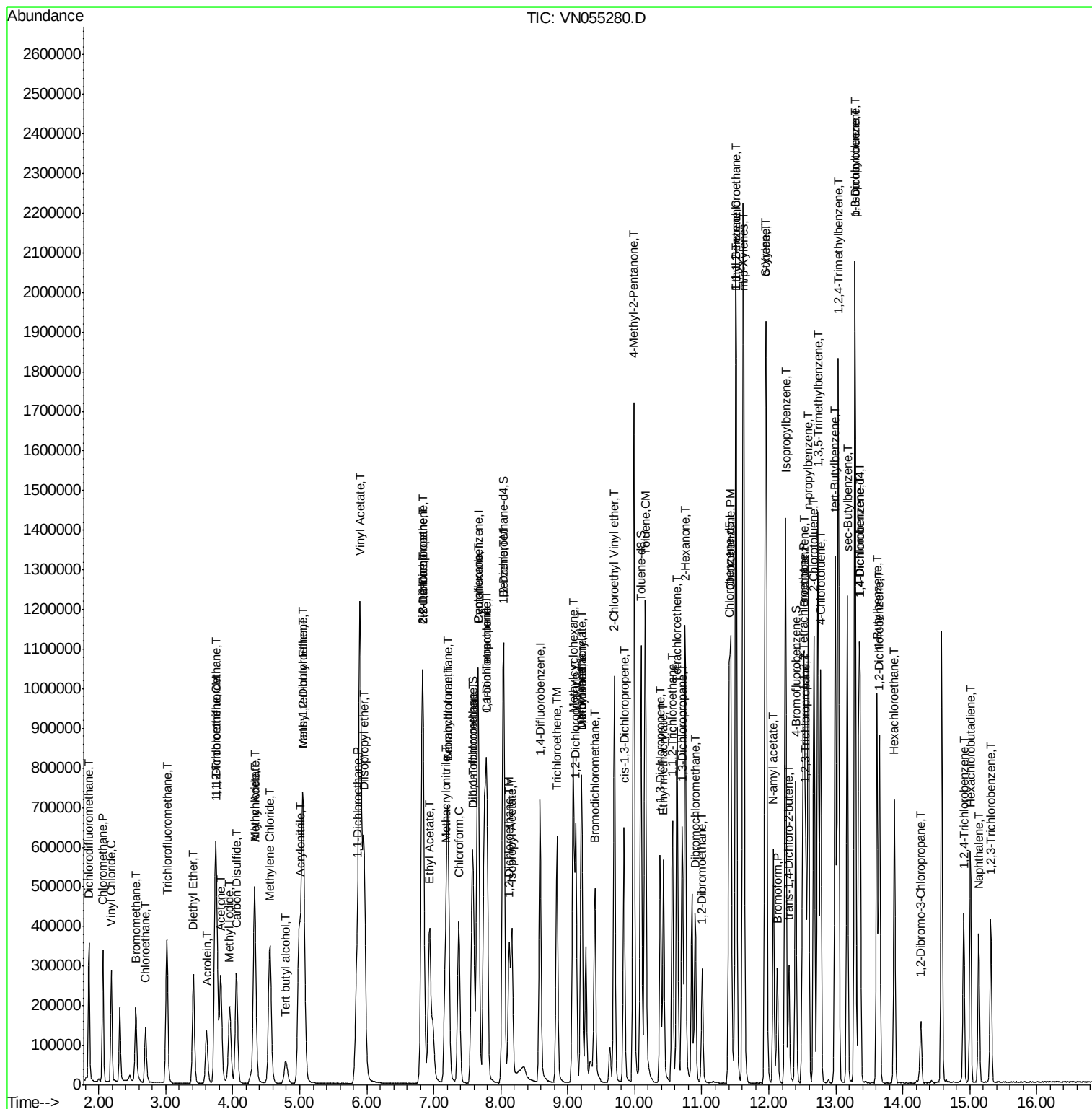
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	135641	42.358	ug/l	97
94) Hexachlorobutadiene	15.01	225	116276	52.251	ug/l	99
95) Naphthalene	15.13	128	309065	44.117	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	147255	45.995	ug/l	100

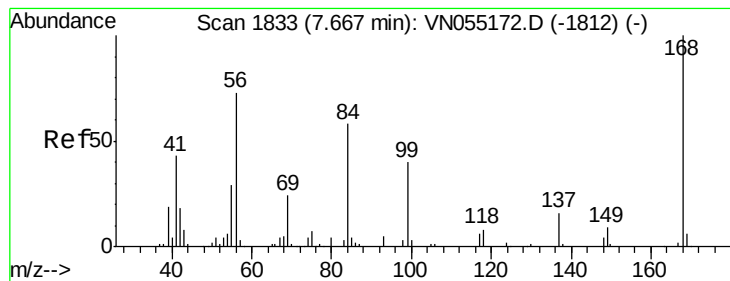
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042719\
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Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:52:53 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: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

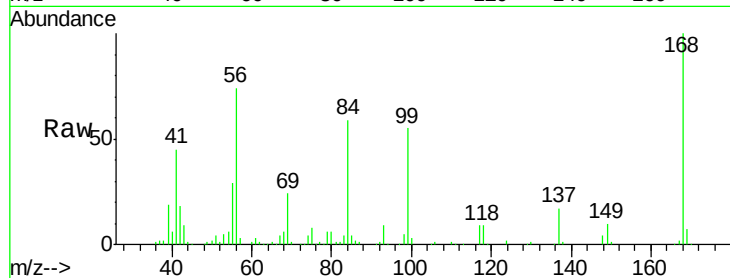
ClientSampleId :

Tot Ion:168 Resp: 396057

Ion Ratio Lower Upper

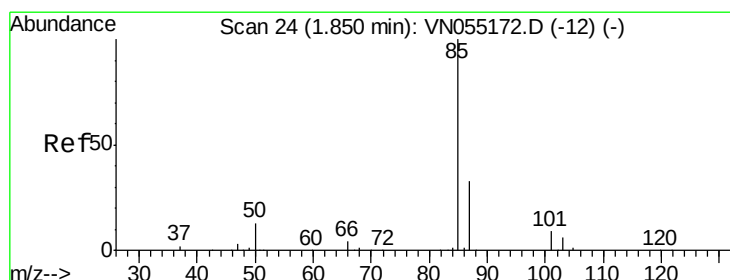
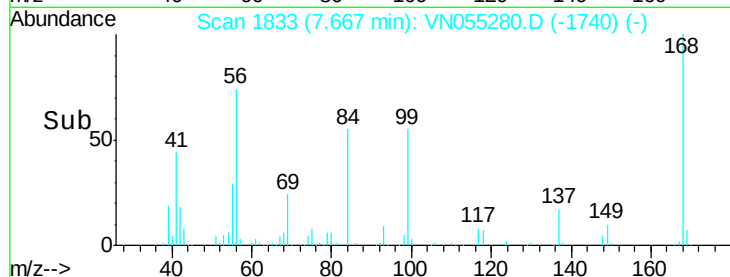
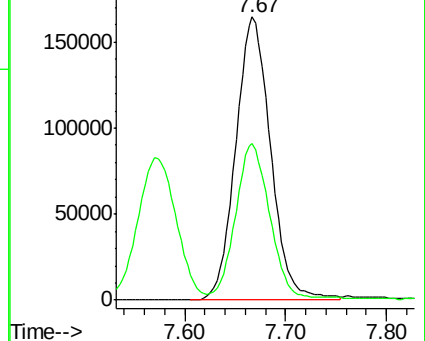
168 100

99 54.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 52.258 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055280.D

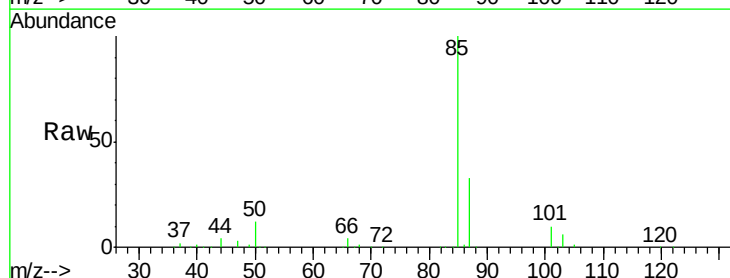
Acq: 26 Apr 2019 16:58

Tgt Ion: 85 Resp: 266485

Ion Ratio Lower Upper

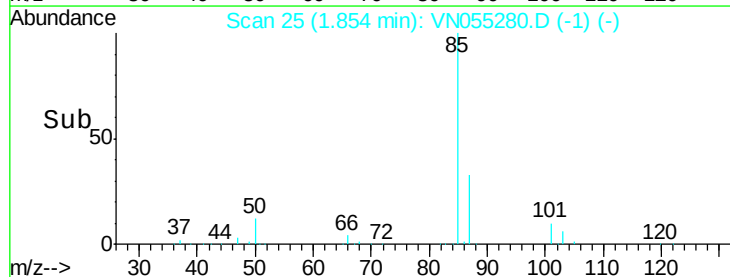
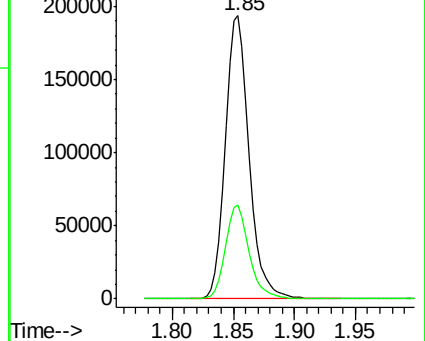
85 100

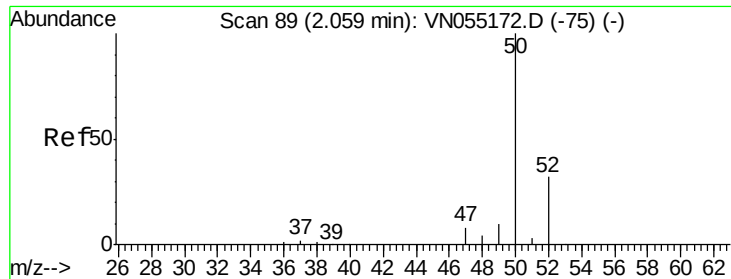
87 33.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

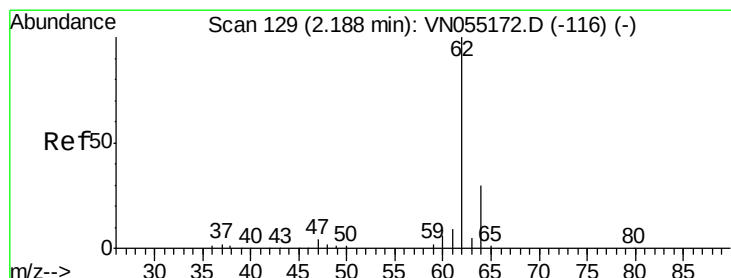
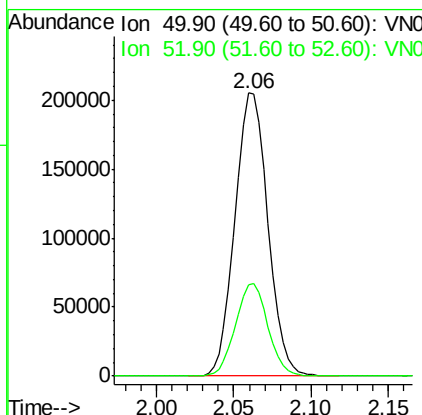
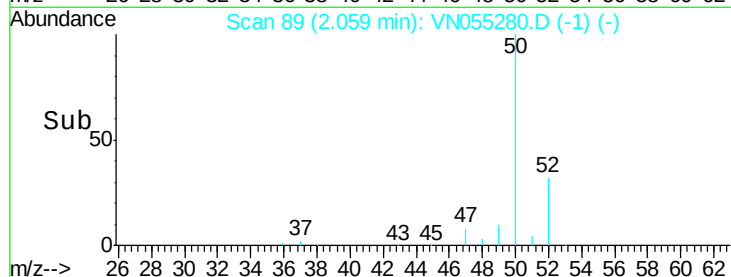
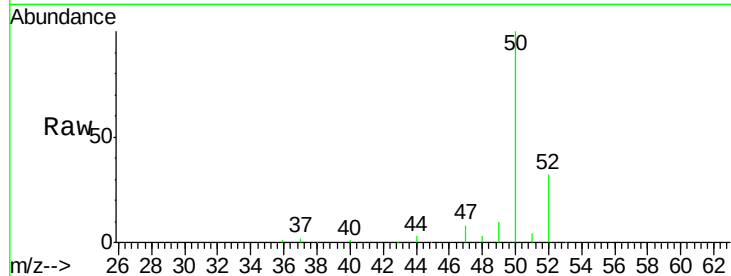




#3
 Chloromethane
 Concen: 48.598 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

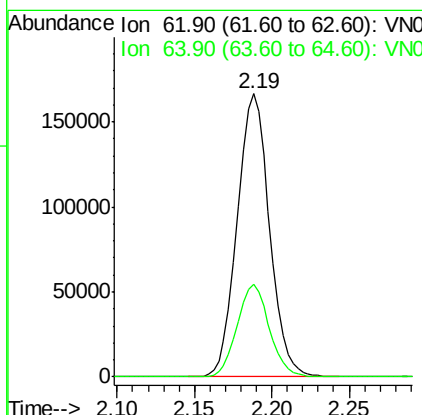
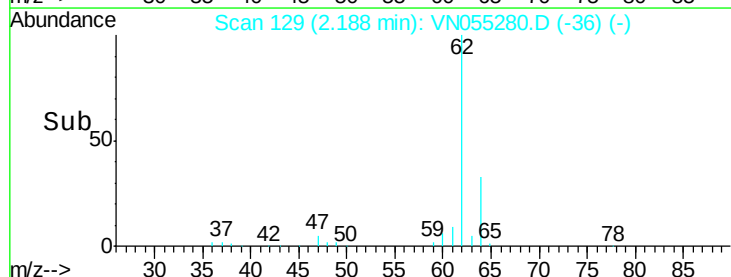
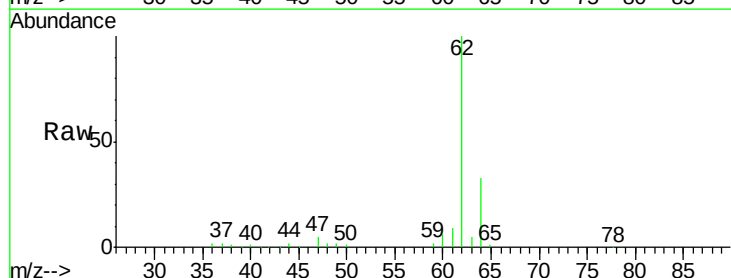
Instrument :
 MSVOA_N
 ClientSampleId :

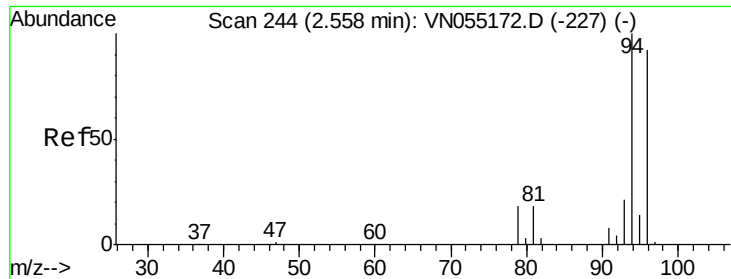
Tot Ion: 50 Resp: 303667
 Ion Ratio Lower Upper
 50 100
 52 32.3 25.8 38.6



#4
 Vinyl Chloride
 Concen: 48.177 ug/l
 RT: 2.19 min Scan# 129
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion: 62 Resp: 241219
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.2 36.4





#5

Bromomethane

Concen: 45.384 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

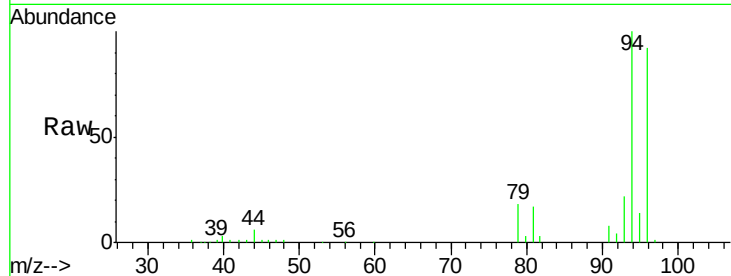
ClientSampled :

Tot Ion: 94 Resp: 131781

Ion Ratio Lower Upper

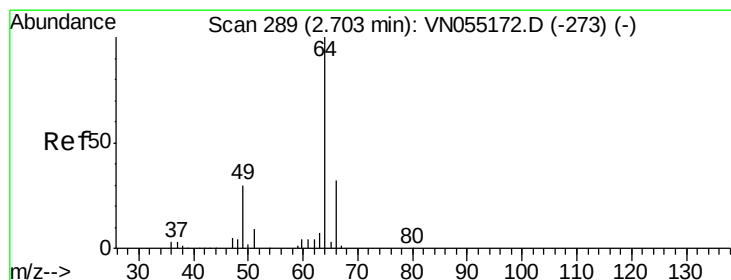
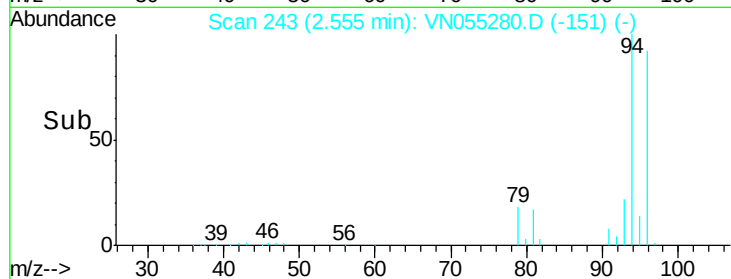
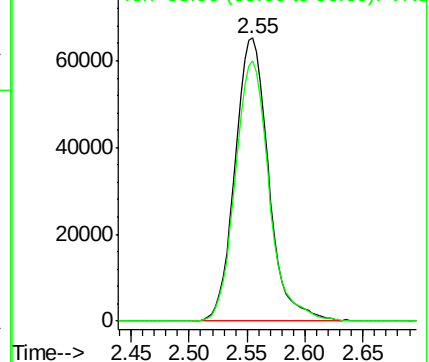
94 100

96 91.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.137 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN055280.D

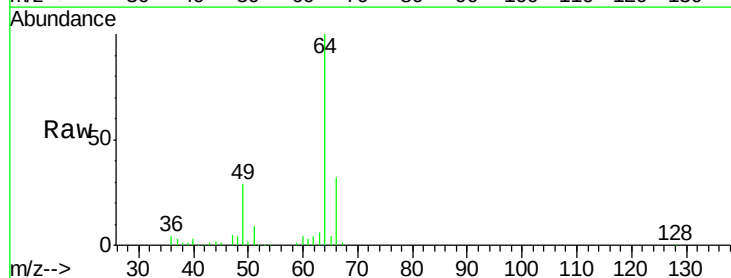
Acq: 26 Apr 2019 16:58

Tgt Ion: 64 Resp: 129672

Ion Ratio Lower Upper

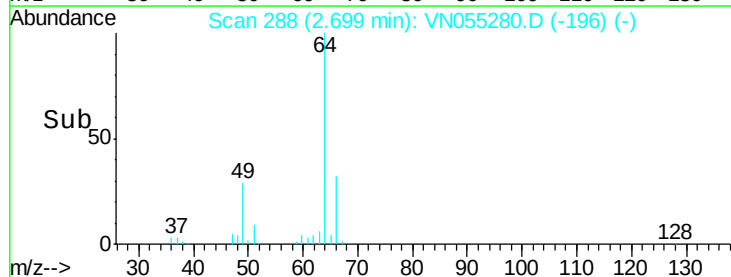
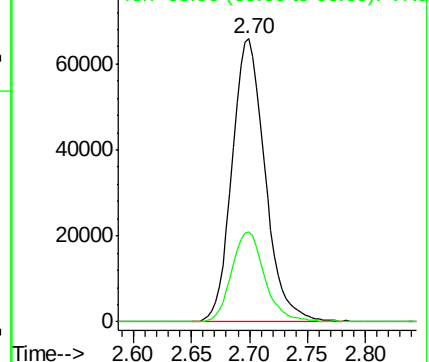
64 100

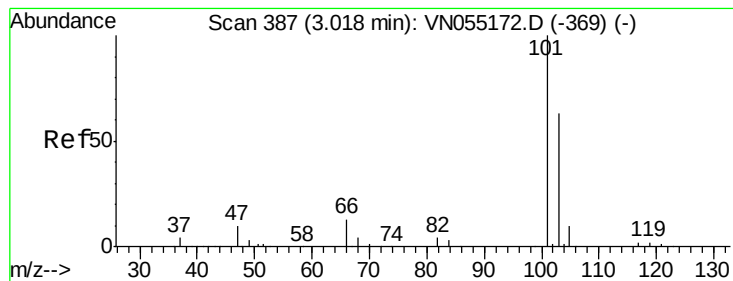
66 31.7 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



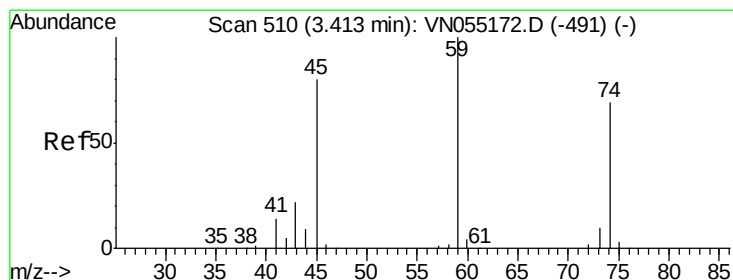
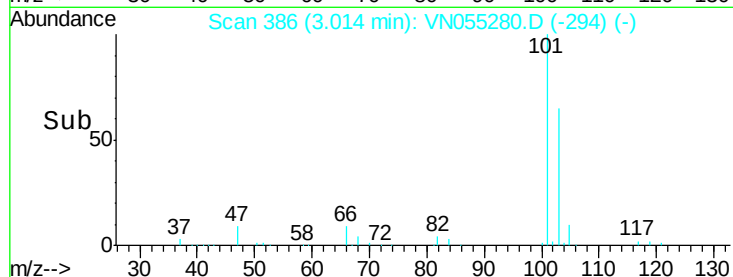
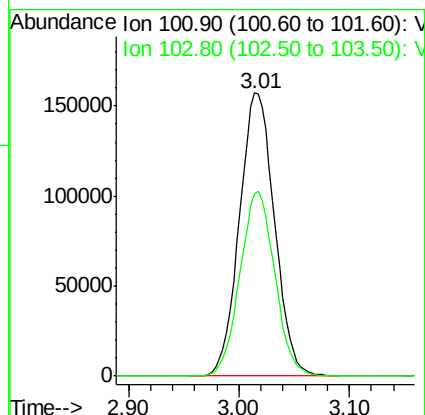
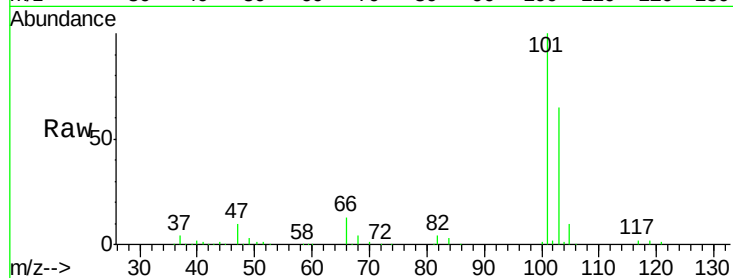


#7

Trichlorofluoromethane
Concen: 50.978 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampled :

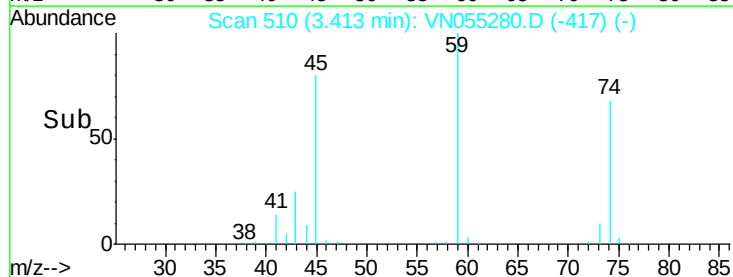
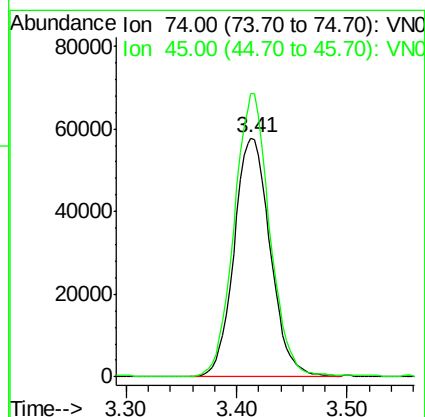
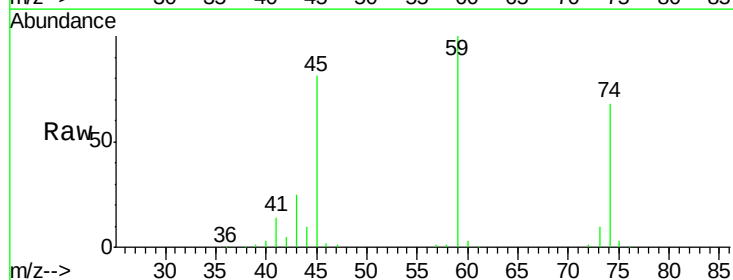
Tot Ion:101 Resp: 347351
Ion Ratio Lower Upper
101 100
103 64.5 50.1 75.1

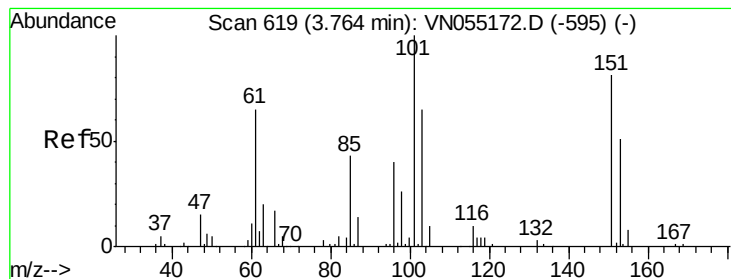


#8

Diethyl Ether
Concen: 54.060 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 74 Resp: 131475
Ion Ratio Lower Upper
74 100
45 117.1 56.9 170.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.485 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

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ClientSampleId :

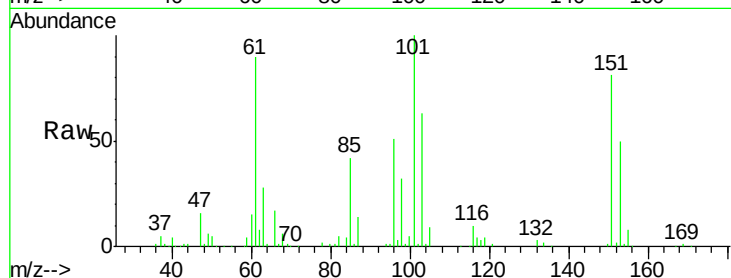
Tot Ion:101 Resp: 206149

Ion Ratio Lower Upper

101 100

85 43.8 34.9 52.3

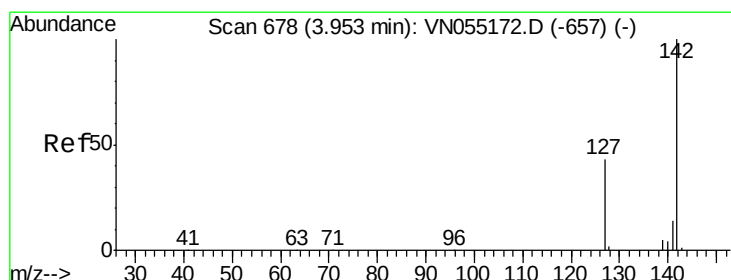
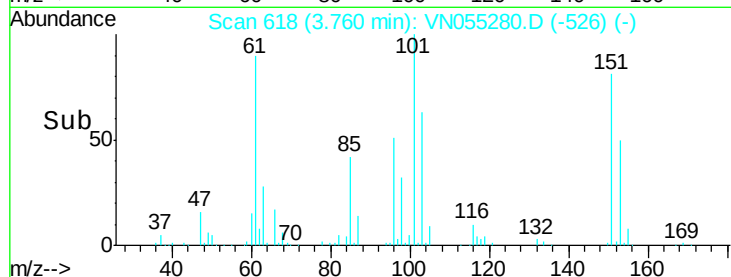
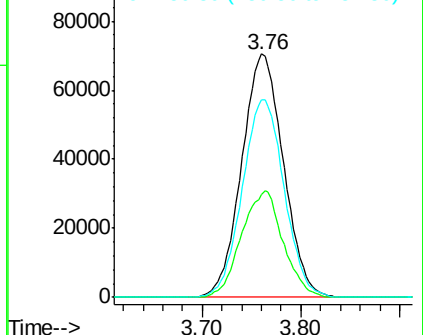
151 81.6 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.092 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

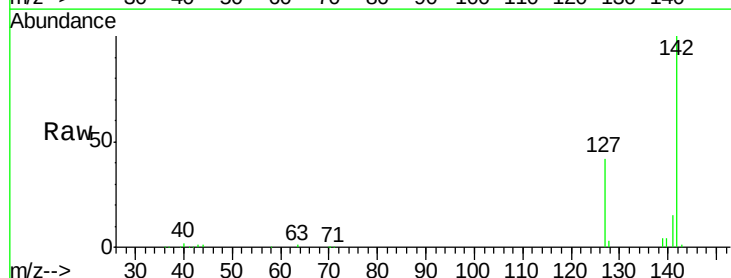
Tgt Ion:142 Resp: 316556

Ion Ratio Lower Upper

142 100

127 42.3 34.1 51.1

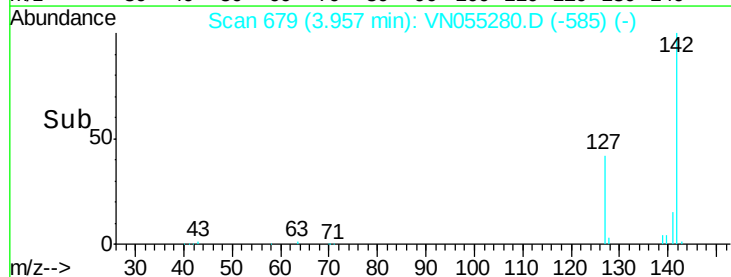
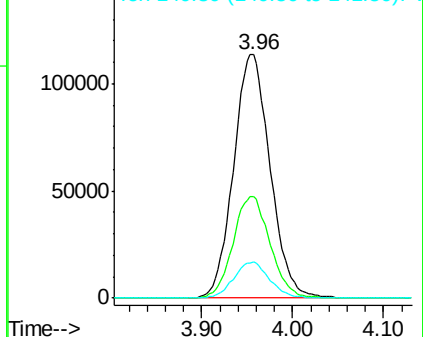
141 14.7 11.4 17.2

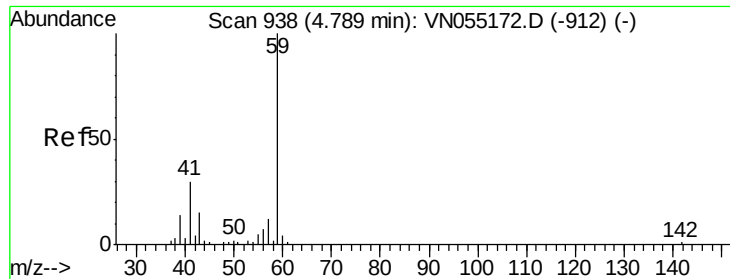


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

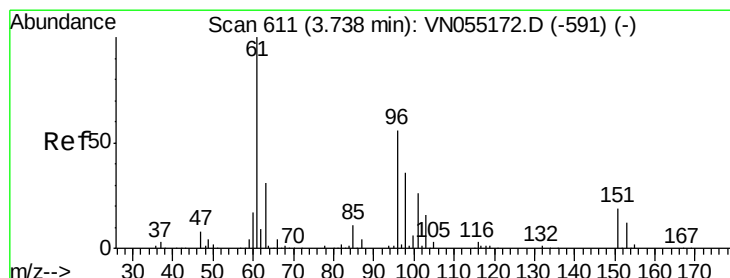
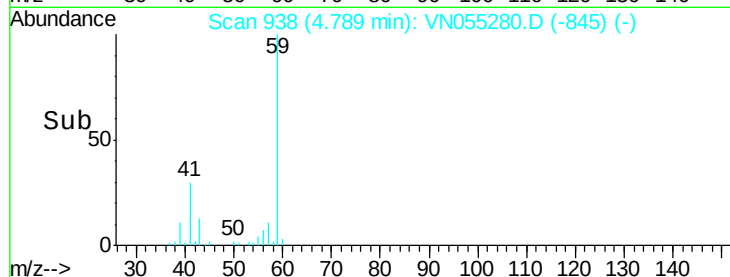
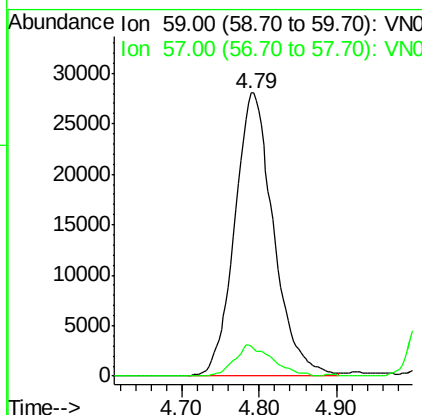
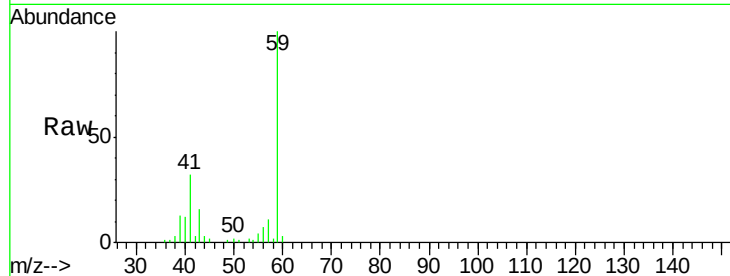




#11
Tert butyl alcohol
Concen: 312.781 ug/l
RT: 4.79 min Scan# 938
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

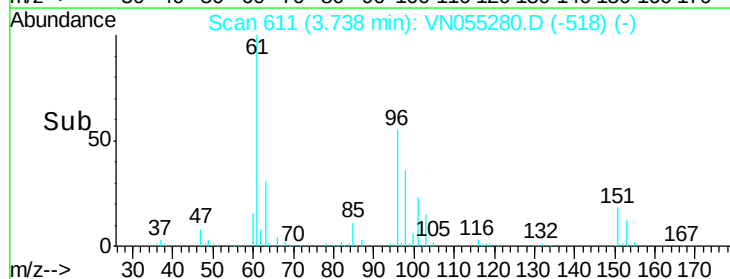
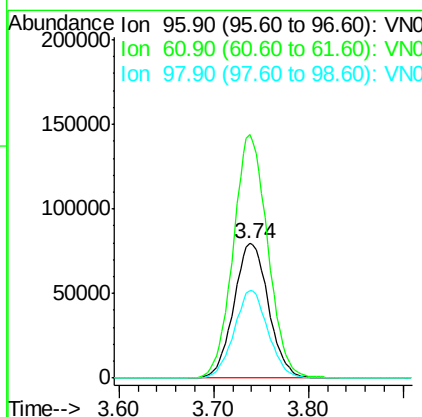
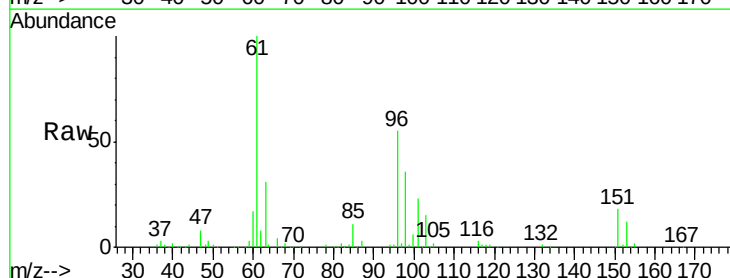
Instrument :
MSVOA_N
ClientSampleId :

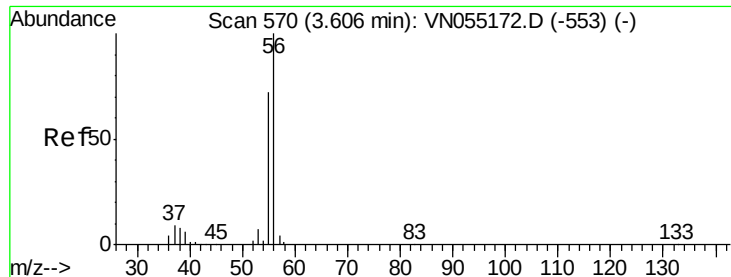
Tot Ion: 59 Resp: 97890
Ion Ratio Lower Upper
59 100
57 10.6 8.8 13.2



#12
1,1-Dichloroethene
Concen: 49.918 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 96 Resp: 203403
Ion Ratio Lower Upper
96 100
61 181.3 142.1 213.1
98 64.7 51.2 76.8





#13

Acrolein

Concen: 321.891 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

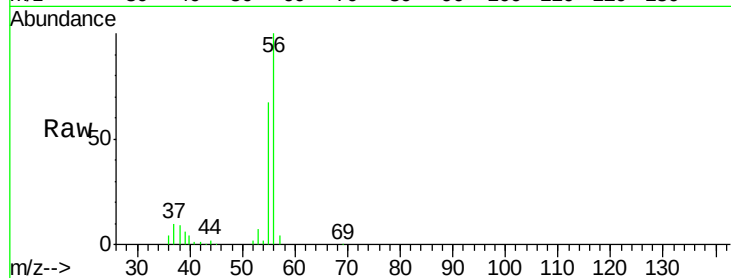
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 152349

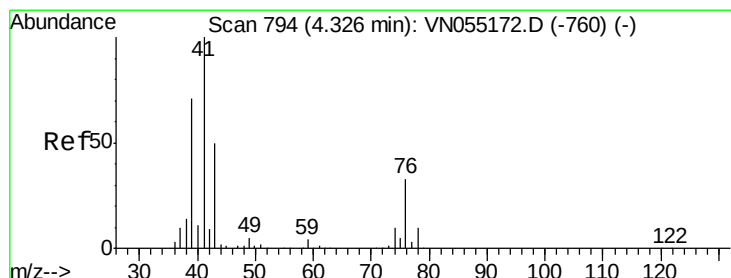
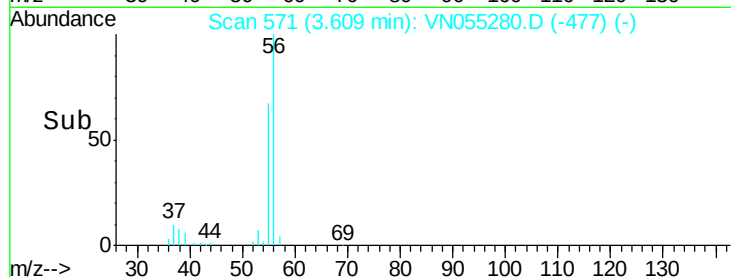
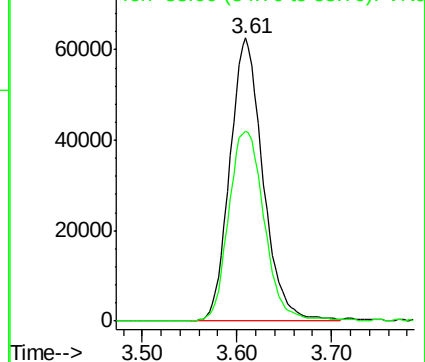
Ion Ratio Lower Upper

56 100

55 71.3 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 55.00 (54.70 to 55.70): VNC



#14

Allyl chloride

Concen: 52.645 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

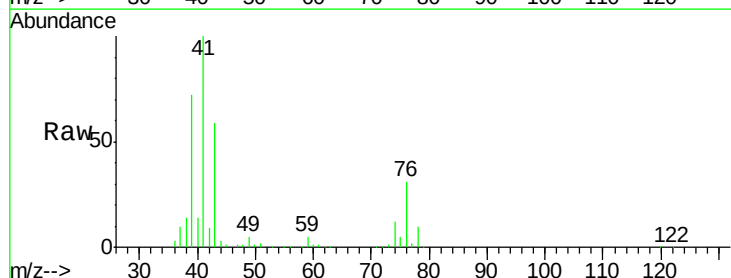
Tgt Ion: 41 Resp: 424071

Ion Ratio Lower Upper

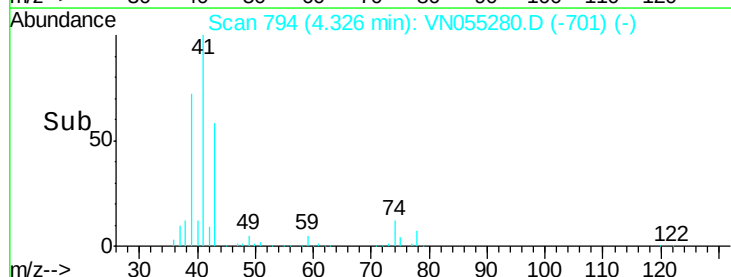
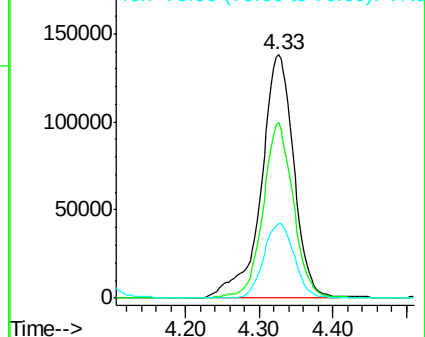
41 100

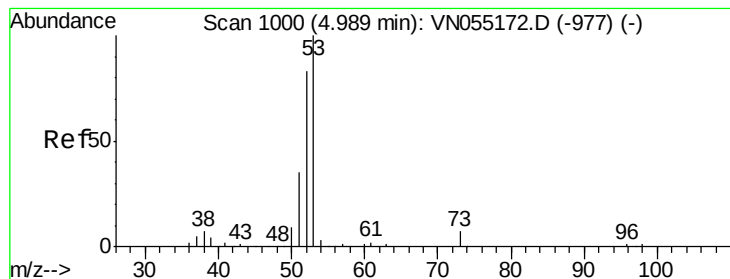
39 67.0 52.9 79.3

76 29.1 23.6 35.4



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 75.90 (75.60 to 76.60): VNC





#15

Acrylonitrile

Concen: 289.364 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

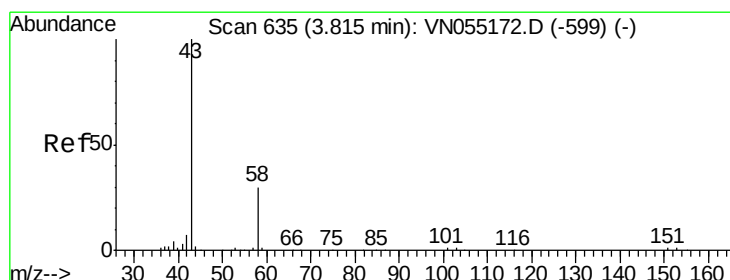
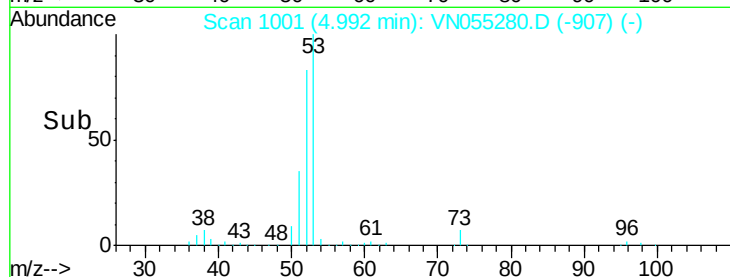
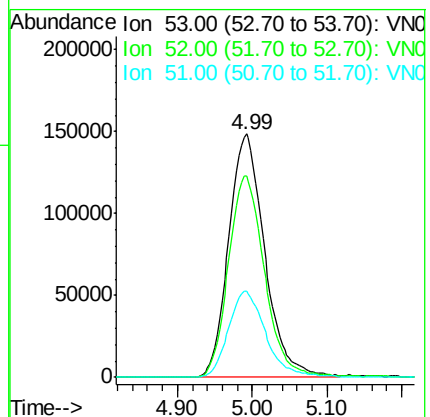
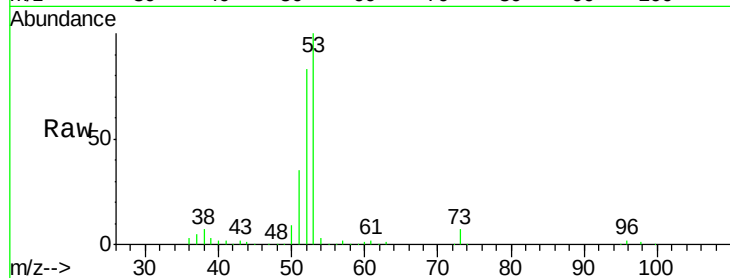
Tot Ion: 53 Resp: 496663

Ion Ratio Lower Upper

53 100

52 82.5 65.8 98.8

51 36.7 28.9 43.3



#16

Acetone

Concen: 253.382 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055280.D

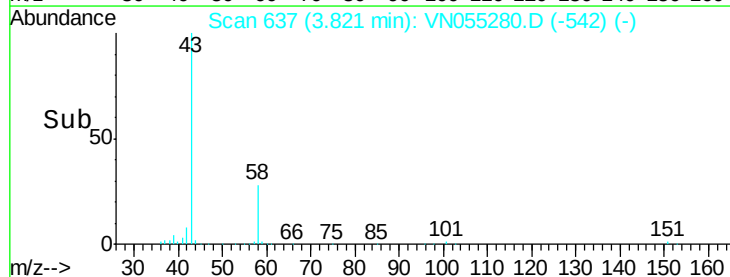
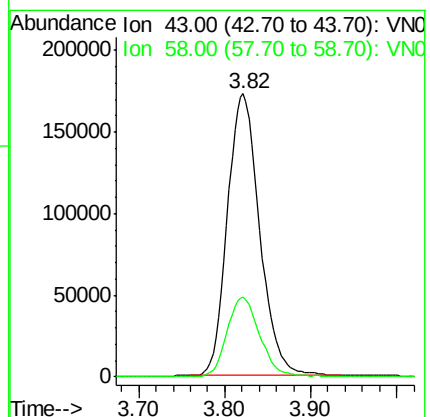
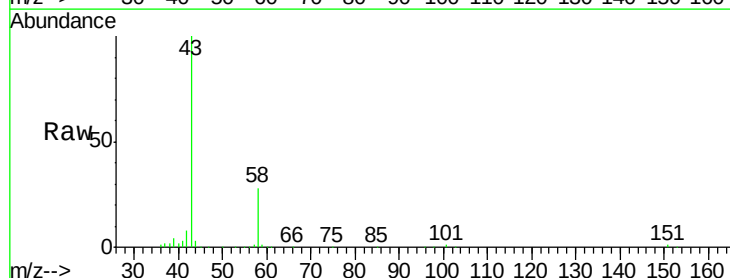
Acq: 26 Apr 2019 16:58

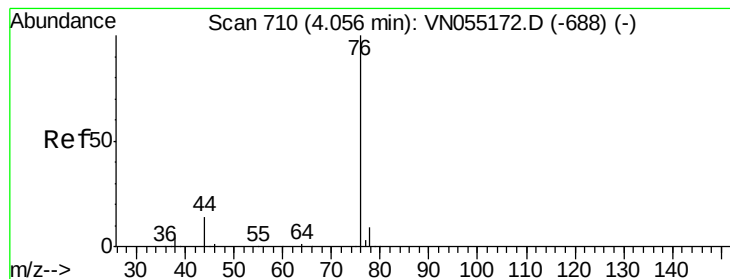
Tgt Ion: 43 Resp: 449032

Ion Ratio Lower Upper

43 100

58 28.3 23.8 35.8





#17

Carbon Disulfide

Concen: 47.791 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

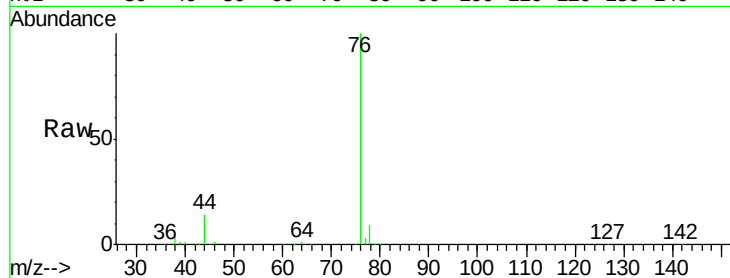
ClientSampleId :

Tot Ion: 76 Resp: 544415

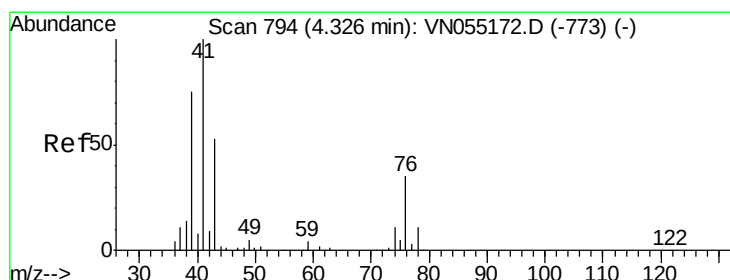
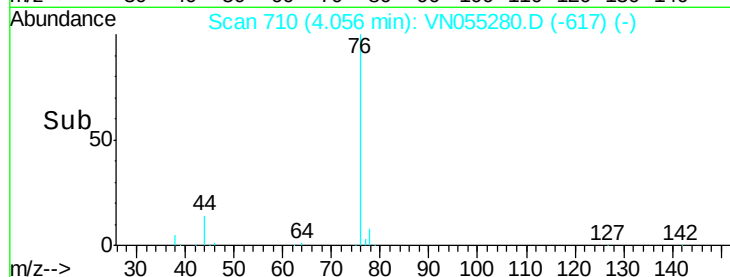
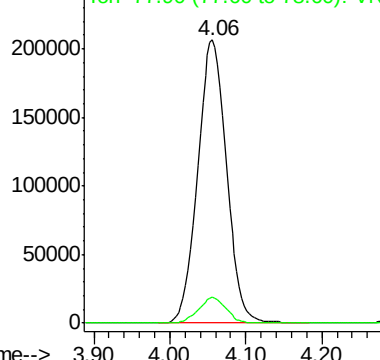
Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNC
Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 61.572 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055280.D

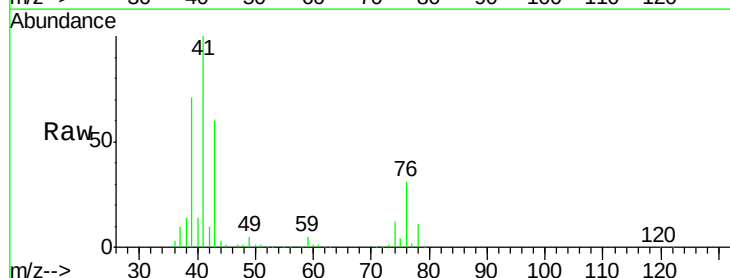
Acq: 26 Apr 2019 16:58

Tgt Ion: 43 Resp: 233477

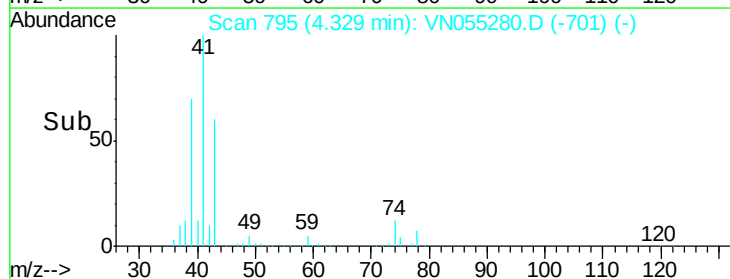
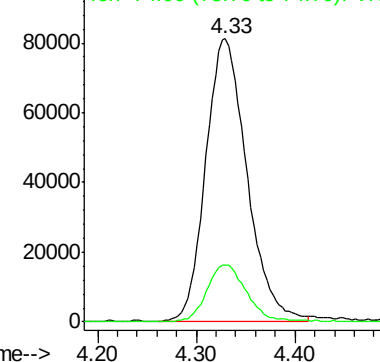
Ion Ratio Lower Upper

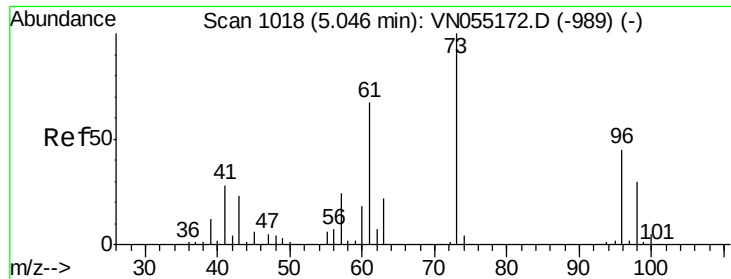
43 100

74 19.8 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 74.00 (73.70 to 74.70): VNC

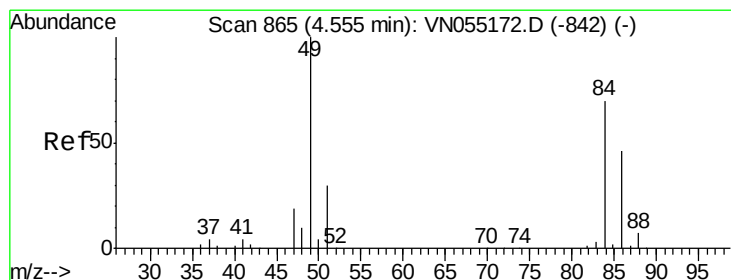
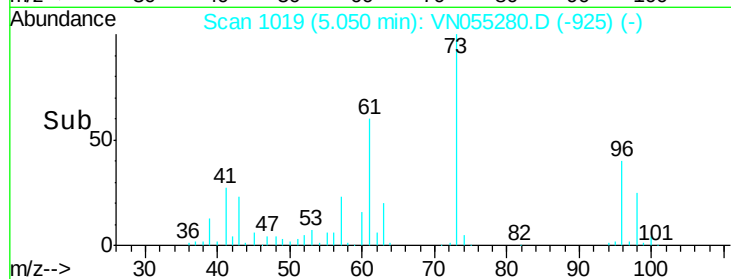
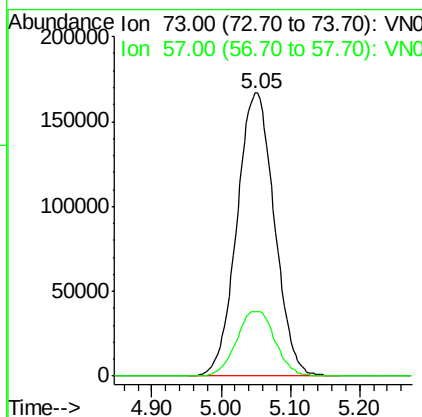
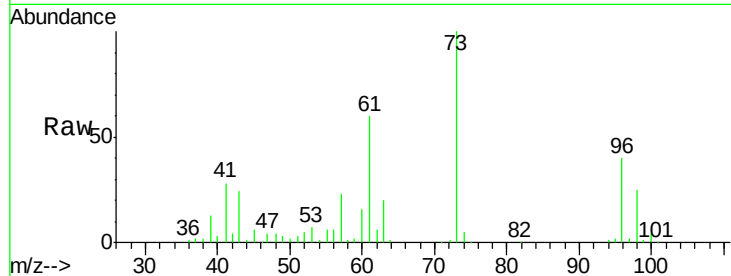




#19
Methyl tert-butyl Ether
Concen: 55.663 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

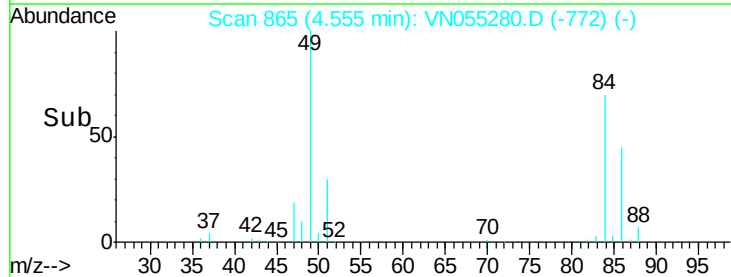
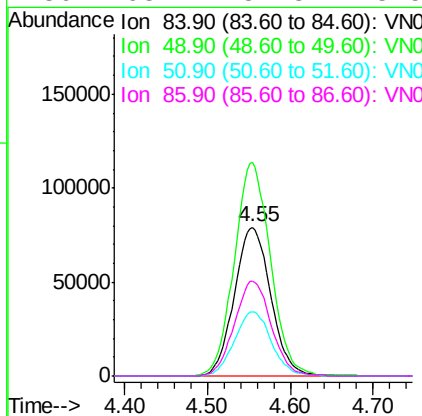
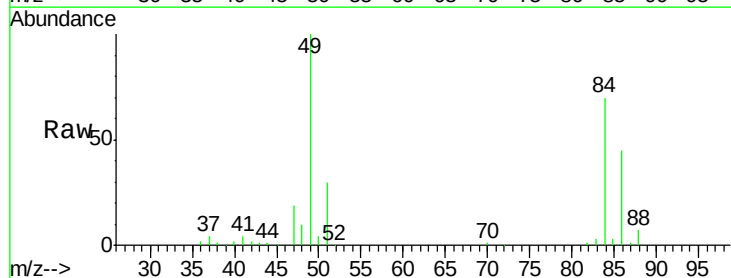
Instrument :
MSVOA_N
ClientSampleId :

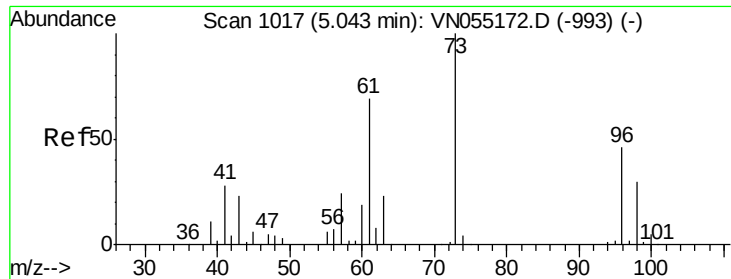
Tot Ion: 73 Resp: 627096
Ion Ratio Lower Upper
73 100
57 23.0 19.5 29.3



#20
Methylene Chloride
Concen: 47.524 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 84 Resp: 242120
Ion Ratio Lower Upper
84 100
49 143.2 113.8 170.6
51 43.3 34.0 51.0
86 63.7 52.3 78.5



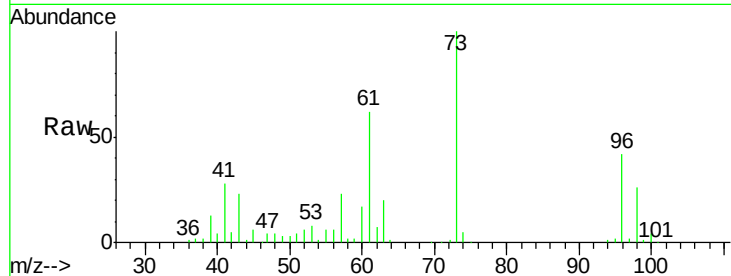


#21

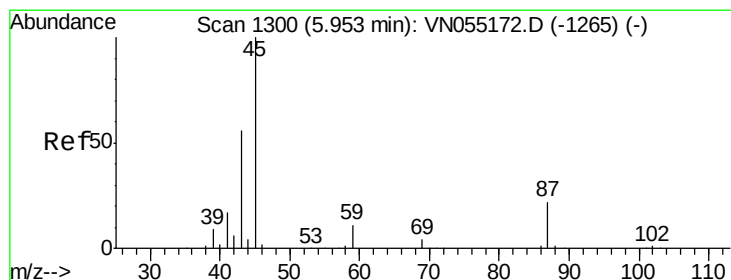
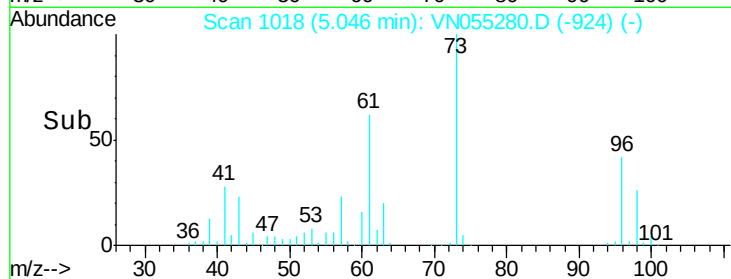
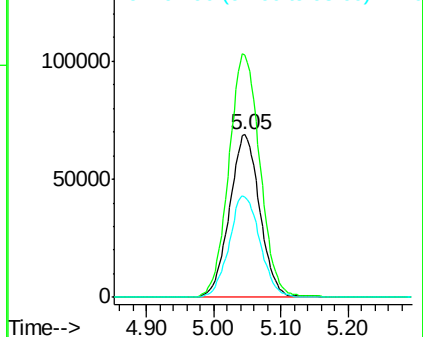
trans-1,2-Dichloroethene
Concen: 50.429 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 215476
Ion Ratio Lower Upper
96 100
61 149.2 119.3 178.9
98 61.6 53.0 79.4



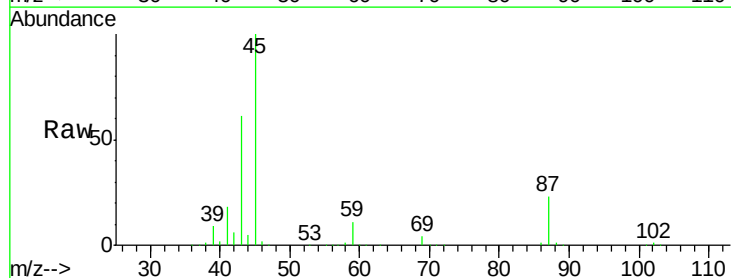
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



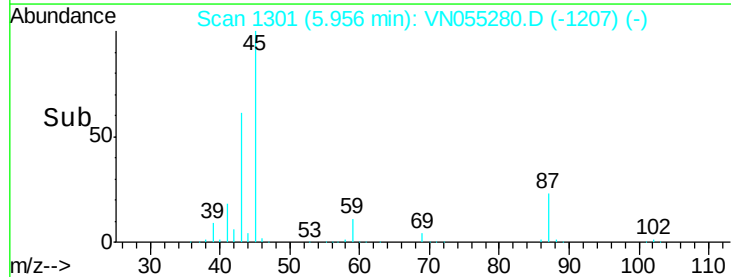
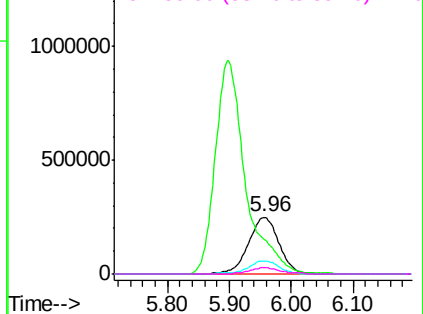
#22

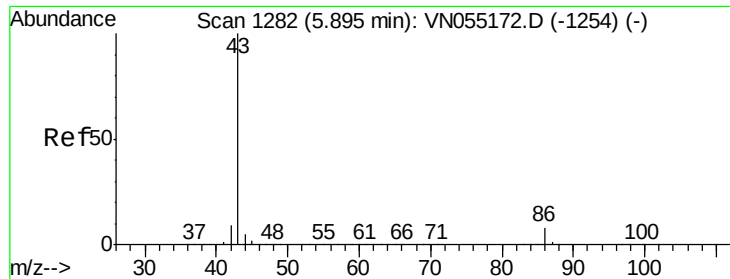
Diisopropyl ether
Concen: 53.765 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 45 Resp: 863293
Ion Ratio Lower Upper
45 100
43 60.4 47.4 71.0
87 22.3 18.4 27.6
59 11.0 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: 295.482 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

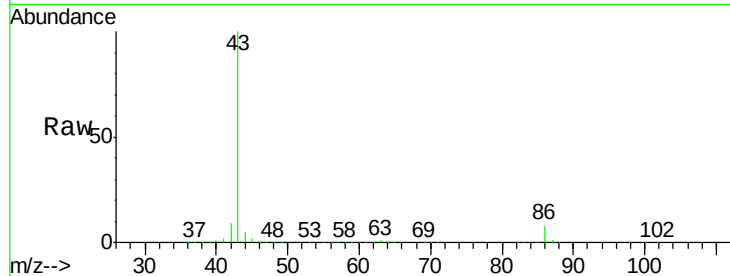
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 3188269

Ion Ratio Lower Upper

43 100

86 8.2 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

1000000

800000

600000

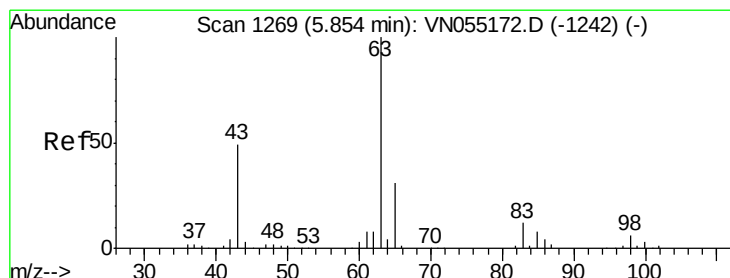
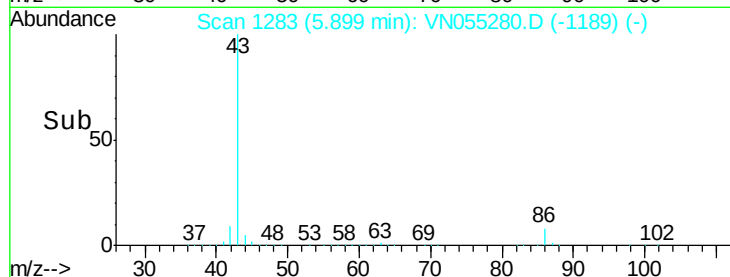
400000

200000

0

Time-->

5.80 6.00 6.20



#24

1,1-Dichloroethane

Concen: 51.508 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

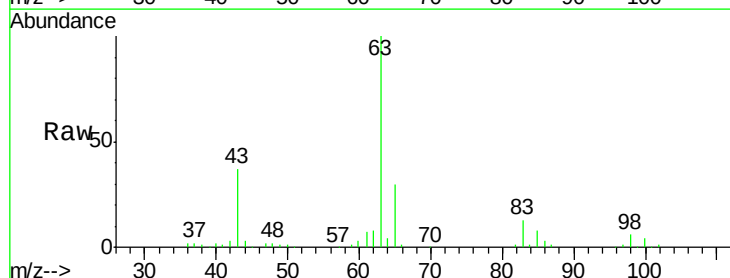
Tgt Ion: 63 Resp: 444858

Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.3

100 3.8 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.85

150000

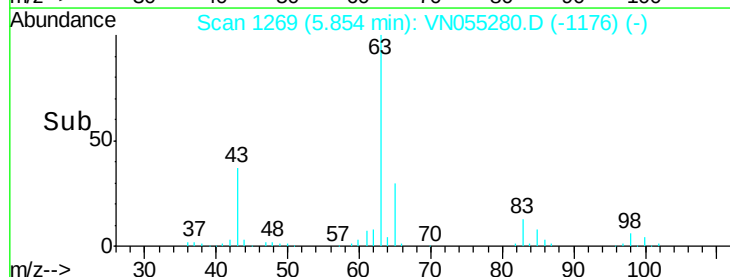
100000

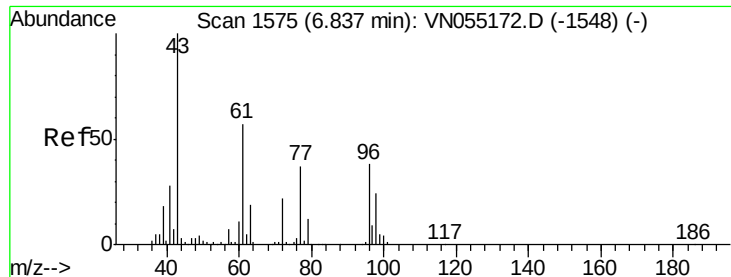
50000

0

Time-->

5.70 5.80 5.90 6.00

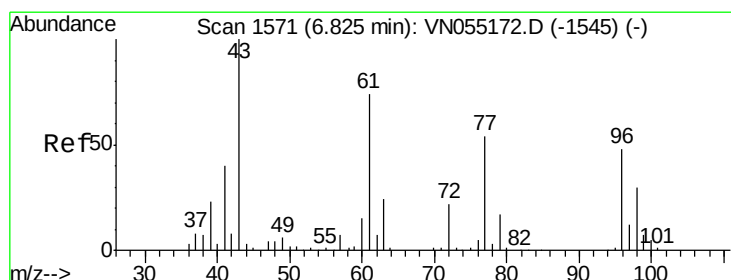
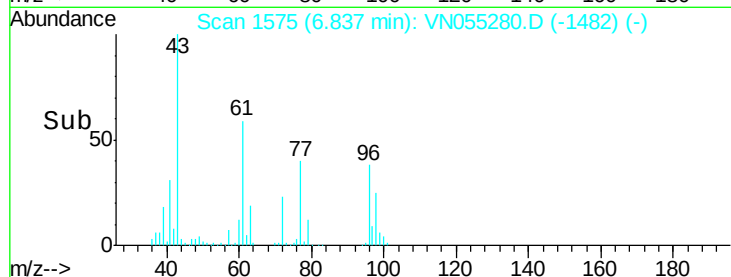
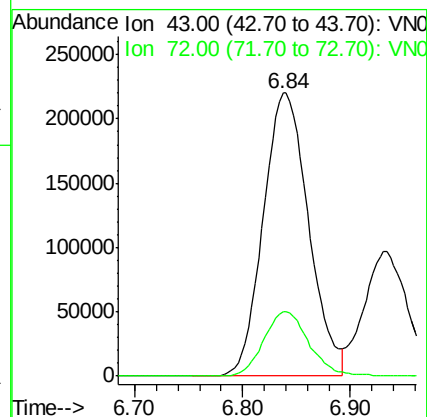
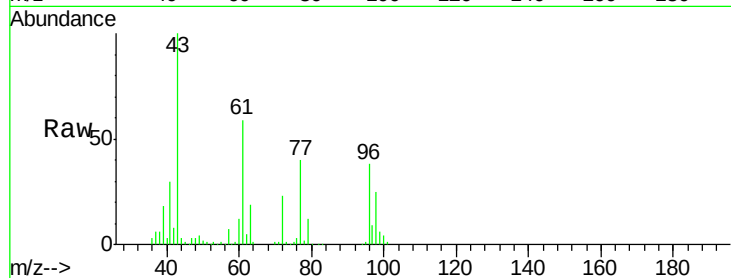




#25
2-Butanone
Concen: 279.508 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

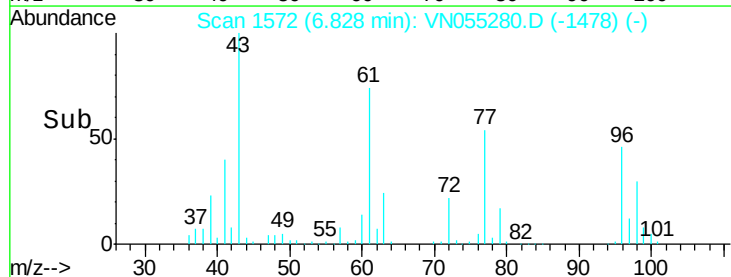
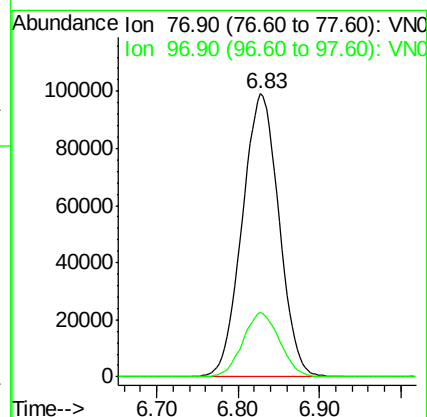
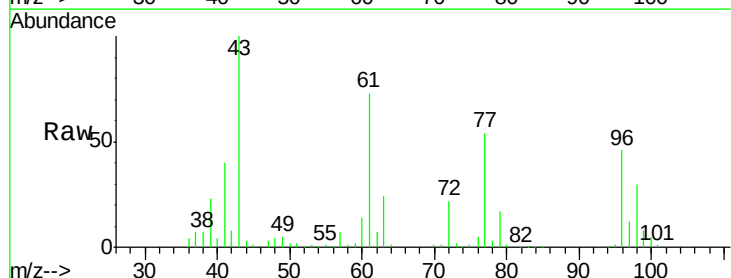
Instrument :
MSVOA_N
ClientSampled :

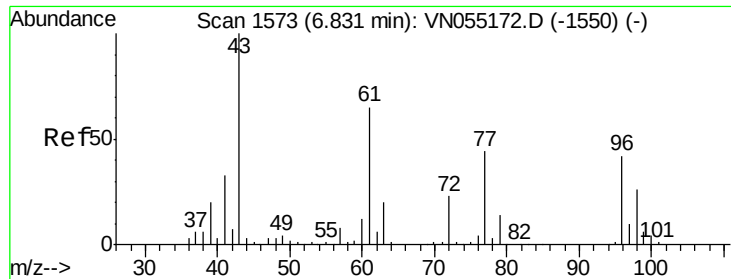
Tot Ion: 43 Resp: 639491
Ion Ratio Lower Upper
43 100
72 22.8 17.8 26.8



#26
2,2-Dichloropropane
Concen: 52.911 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 77 Resp: 309240
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 50.906 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampled :

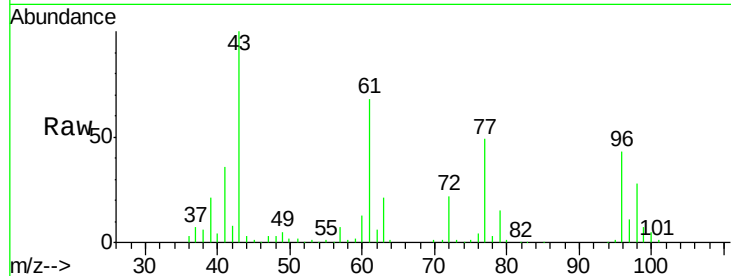
Tot Ion: 96 Resp: 250742

Ion Ratio Lower Upper

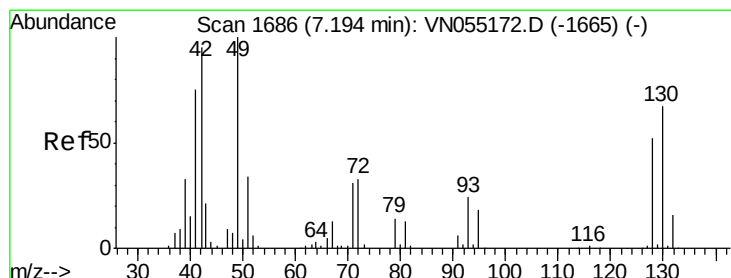
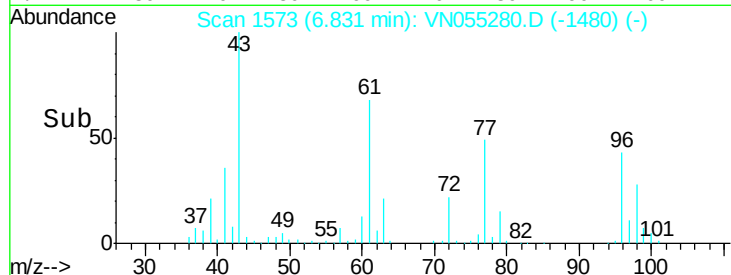
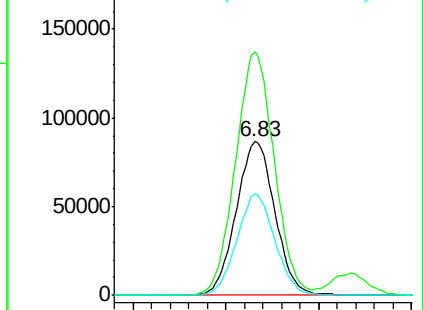
96 100

61 158.7 0.0 310.8

98 65.3 0.0 127.4



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: 48.946 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

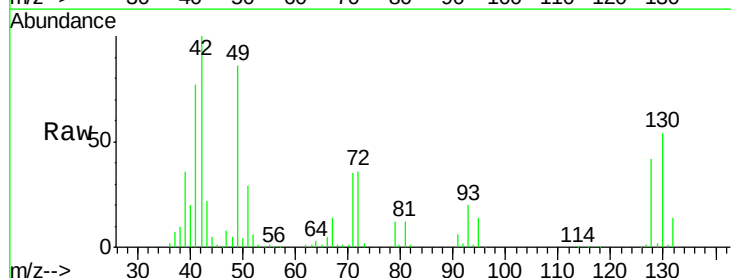
Tgt Ion: 49 Resp: 215485

Ion Ratio Lower Upper

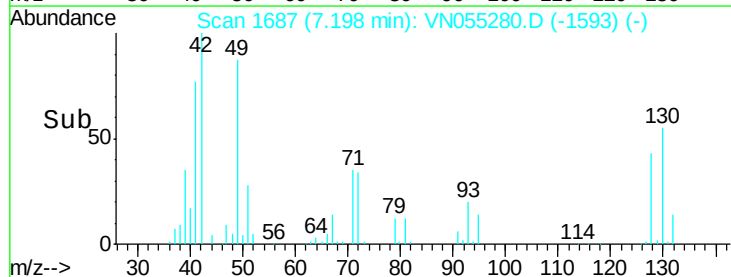
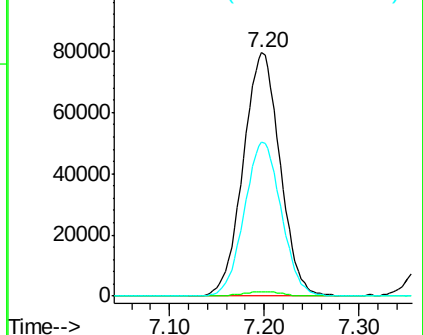
49 100

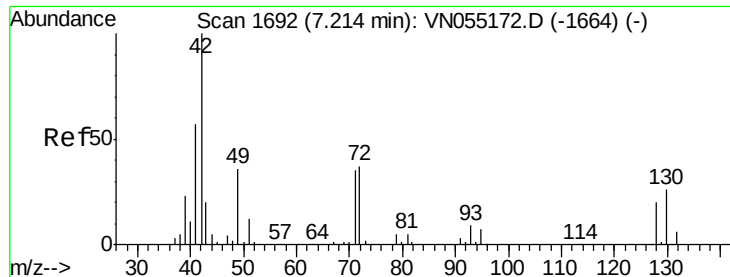
129 1.9 0.0 3.8

130 63.2 53.4 80.2



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





#29

Tetrahydrofuran

Concen: 298.038 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

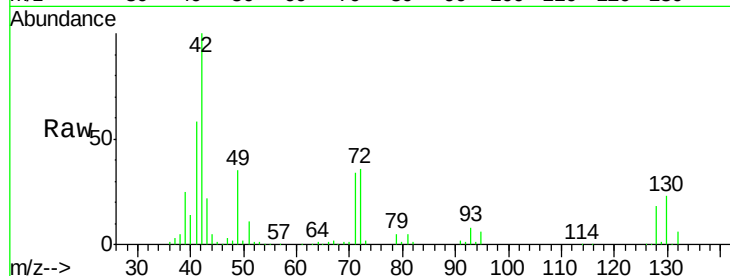
Tot Ion: 42 Resp: 419254

Ion Ratio Lower Upper

42 100

72 35.5 29.4 44.2

71 34.3 27.8 41.8

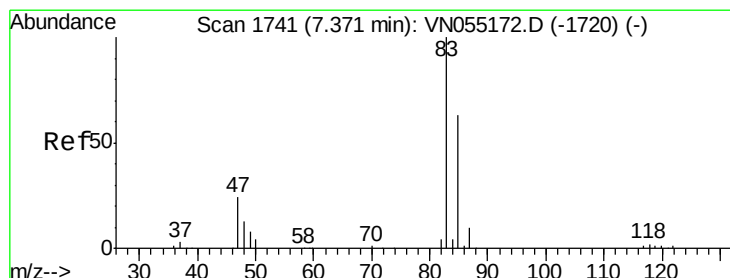
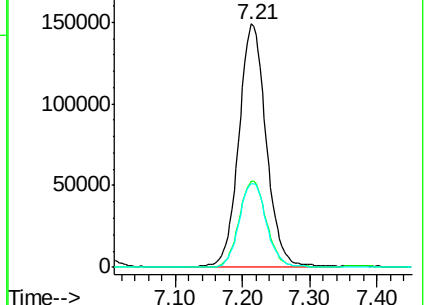
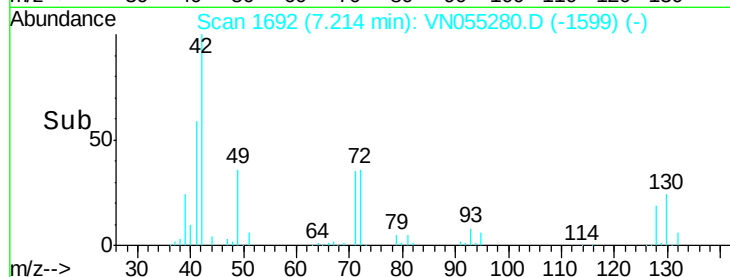


Abundance Ion 42.00 (41.70 to 42.70): VN055172.D (-1664) (-)

Ion 72.00 (71.70 to 72.70): VN055172.D (-1664) (-)

Ion 71.00 (70.70 to 71.70): VN055172.D (-1664) (-)

Time-->



#30

Chloroform

Concen: 51.186 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN055280.D

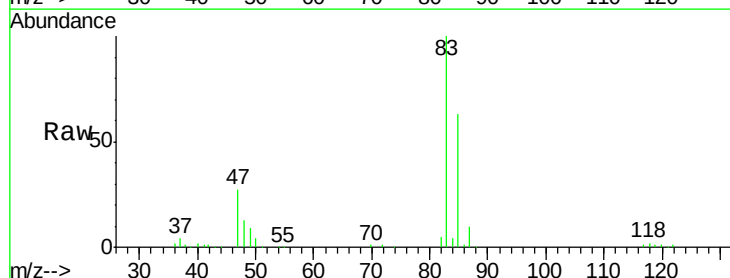
Acq: 26 Apr 2019 16:58

Tgt Ion: 83 Resp: 420516

Ion Ratio Lower Upper

83 100

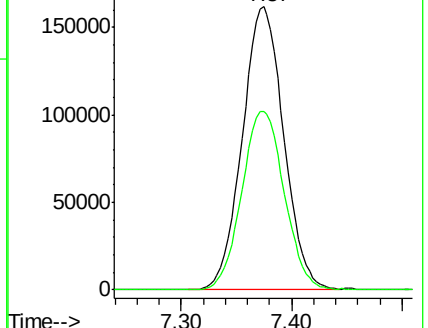
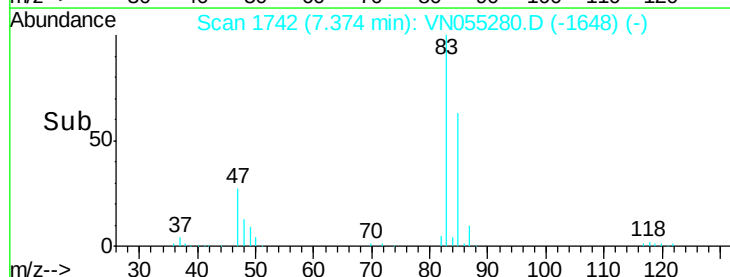
85 63.2 50.6 76.0

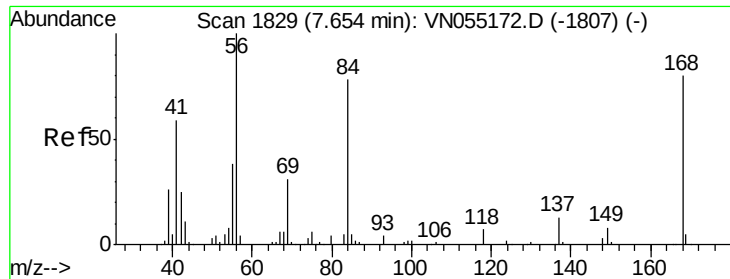


Abundance Ion 82.90 (82.60 to 83.60): VN055172.D (-1720) (-)

Ion 84.90 (84.60 to 85.60): VN055172.D (-1720) (-)

Time-->

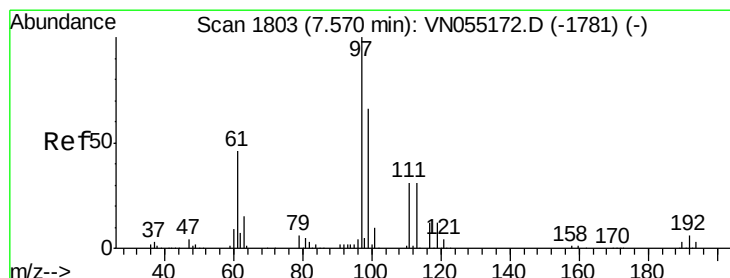
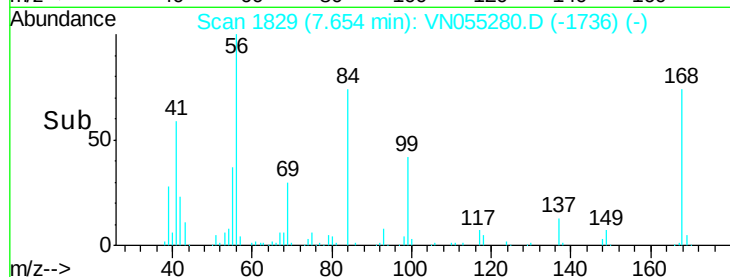
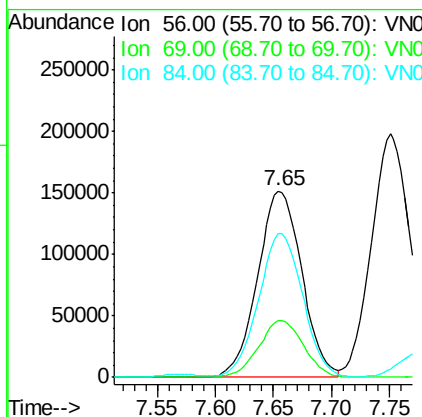
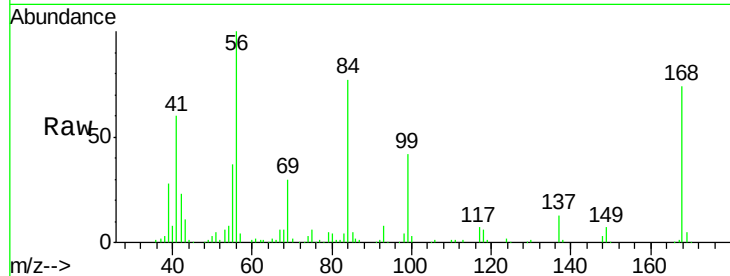




#31
Cyclohexane
Concen: 49.653 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

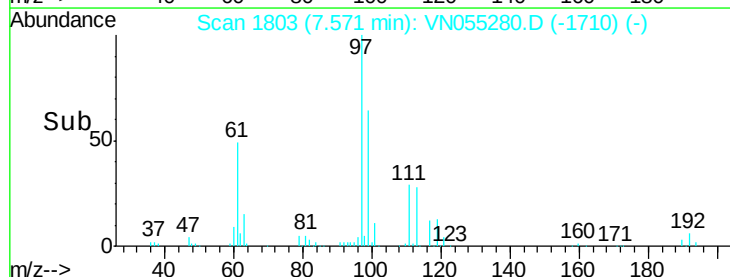
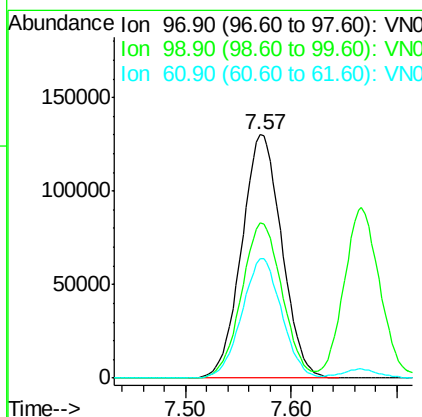
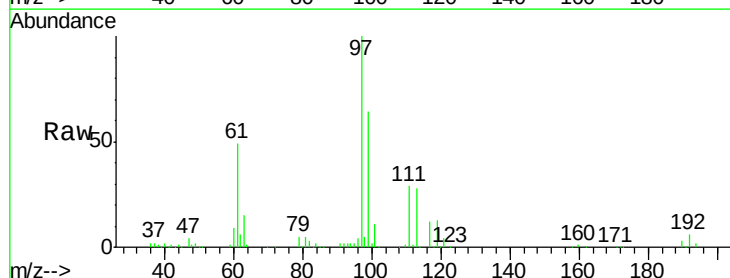
Instrument :
MSVOA_N
ClientSampled :

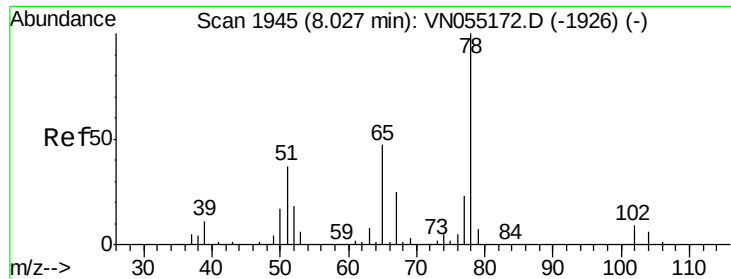
Tot Ion: 56 Resp: 401553
Ion Ratio Lower Upper
56 100
69 30.4 24.6 37.0
84 75.3 61.4 92.2



#32
1,1,1-Trichloroethane
Concen: 52.154 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 97 Resp: 344224
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 48.7 38.3 57.5

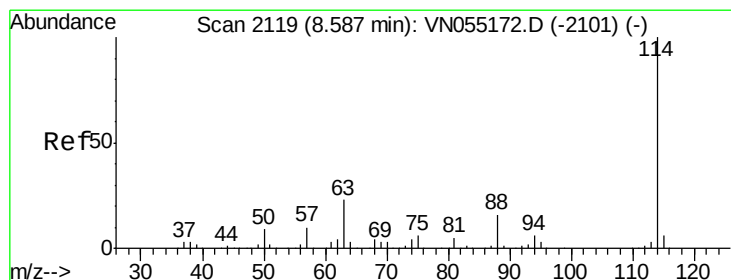
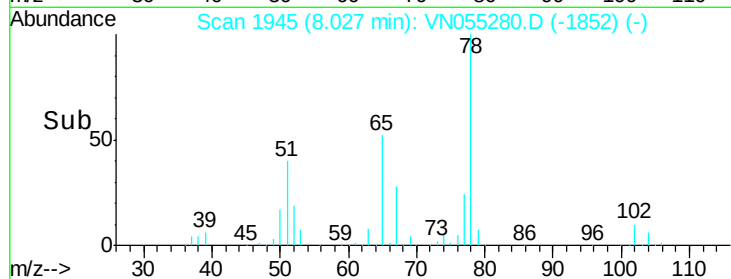
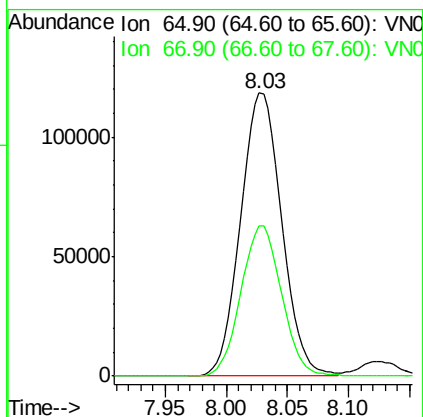
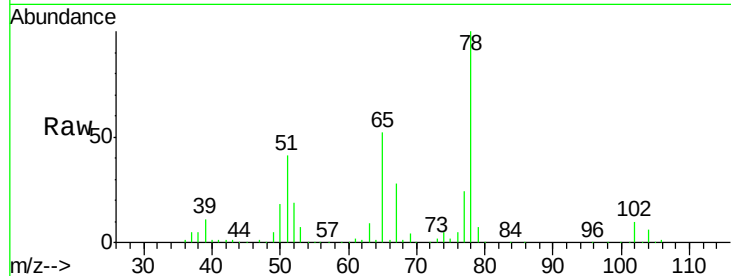




#33
 1,2-Dichloroethane-d4
 Concen: 51.598 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

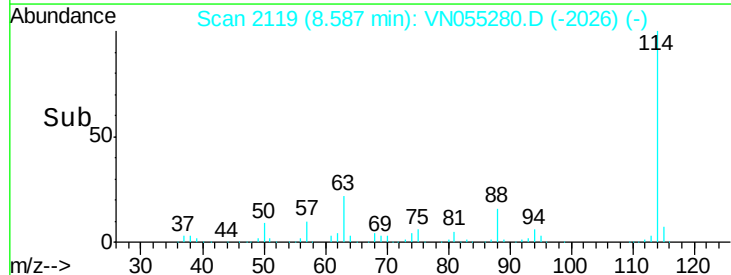
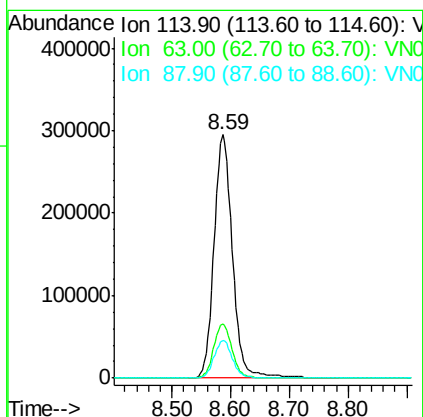
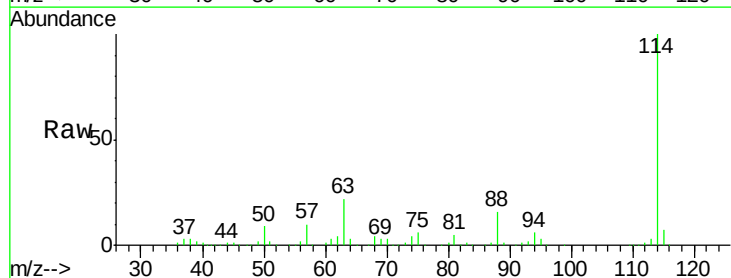
Instrument :
 MSVOA_N
 ClientSampled :

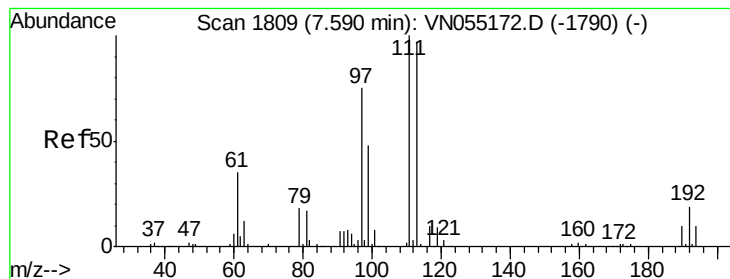
Tot Ion: 65 Resp: 276604
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion: 114 Resp: 641697
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.2
 88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.499 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

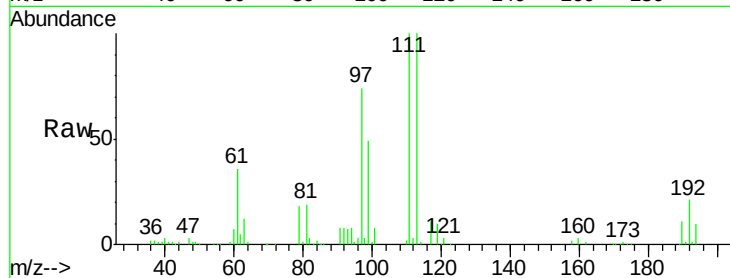
Tot Ion:113 Resp: 220142

Ion Ratio Lower Upper

113 100

111 100.8 81.0 121.4

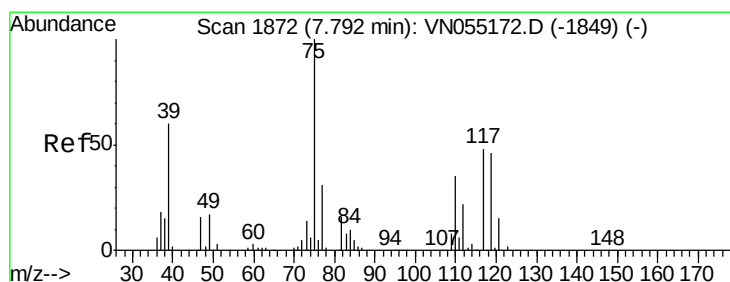
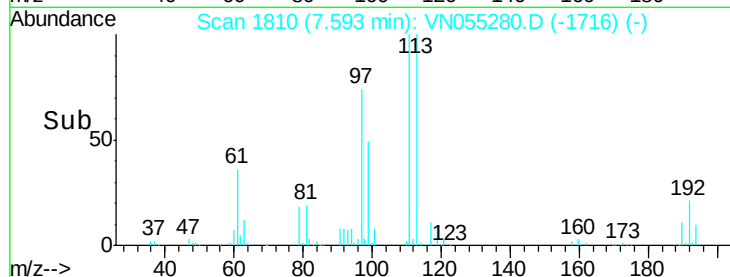
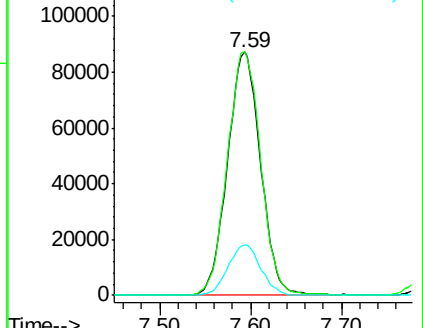
192 20.6 16.2 24.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.010 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

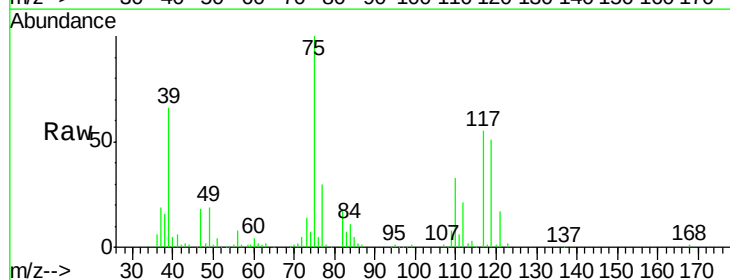
Tgt Ion: 75 Resp: 309769

Ion Ratio Lower Upper

75 100

110 33.7 17.1 51.2

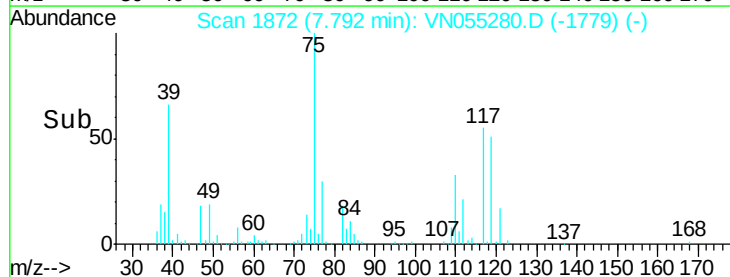
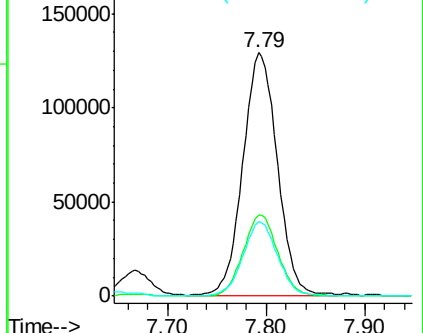
77 31.1 24.6 36.8

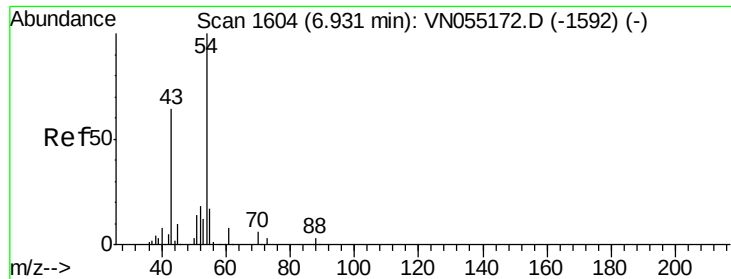


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

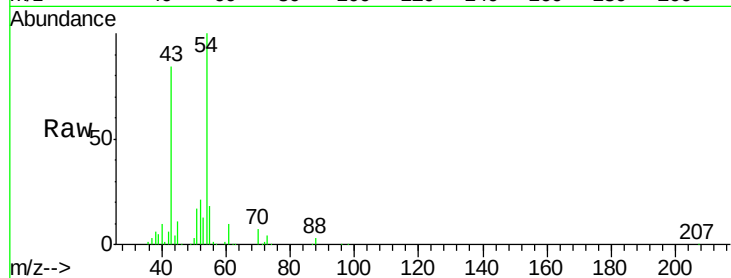




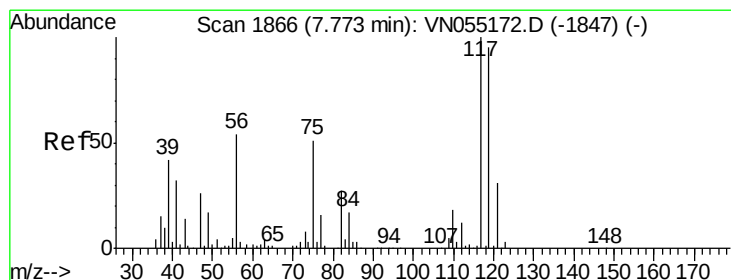
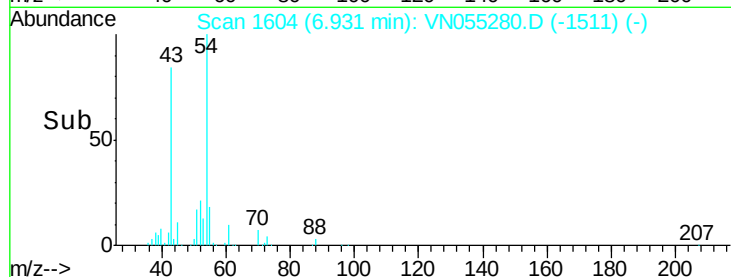
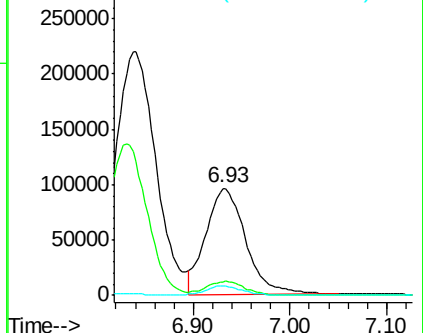
#37
Ethyl Acetate
Concen: 56.796 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 272997
Ion Ratio Lower Upper
43 100
61 12.3 9.7 14.5
70 8.3 6.9 10.3

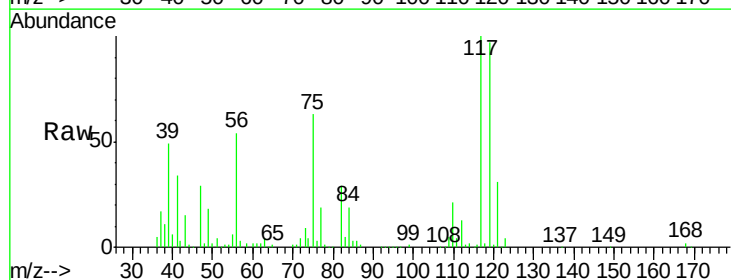


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

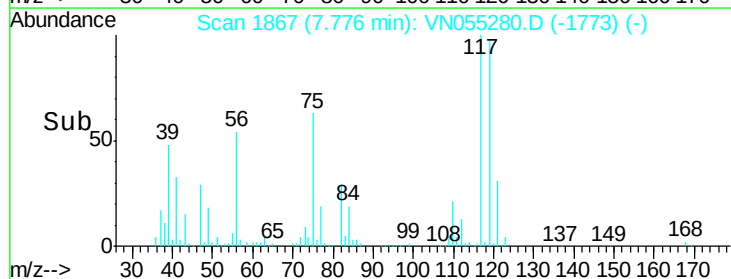
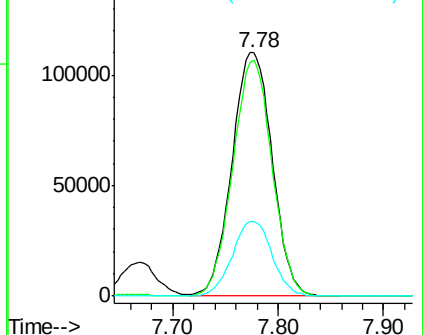


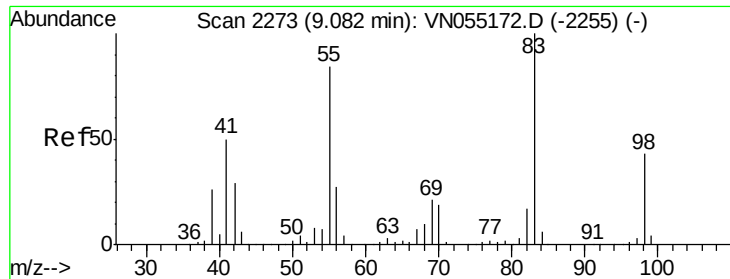
#38
Carbon Tetrachloride
Concen: 52.388 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 117 Resp: 292184
Ion Ratio Lower Upper
117 100
119 96.8 76.0 114.0
121 30.7 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

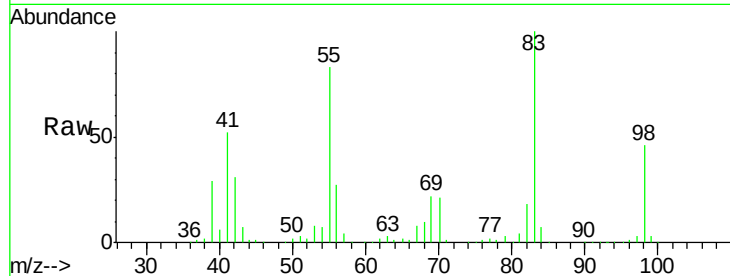




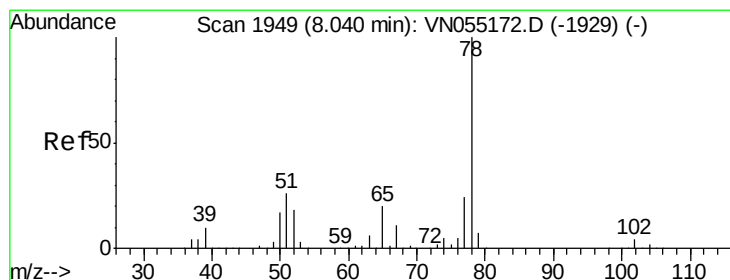
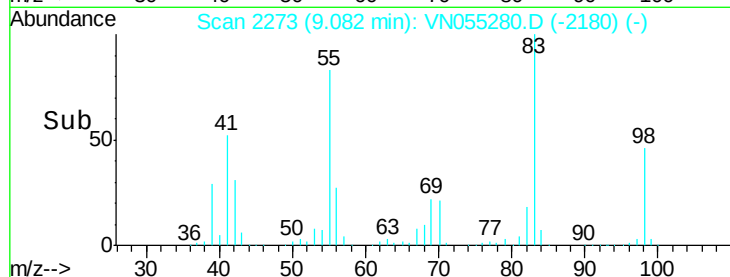
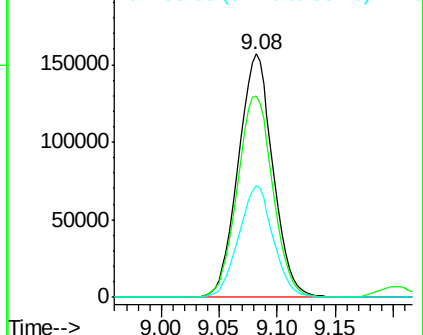
#39
Methylvlcyclohexane
Concen: 45.815 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 325535
Ion Ratio Lower Upper
83 100
55 82.8 67.4 101.0
98 45.9 34.7 52.1

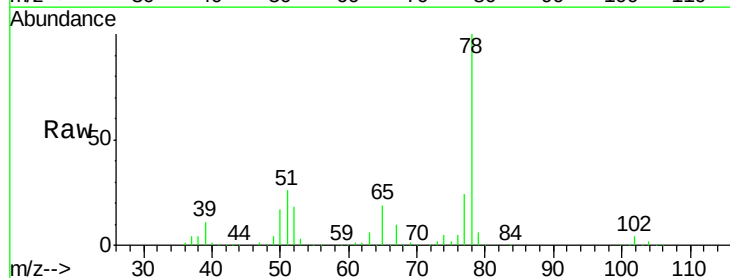


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

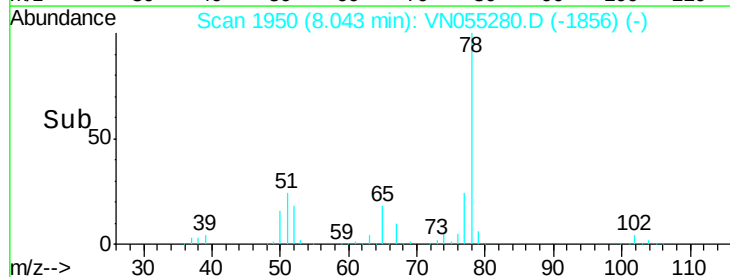
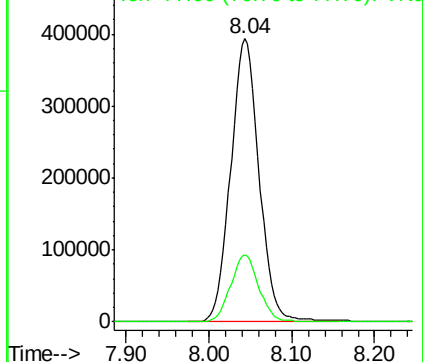


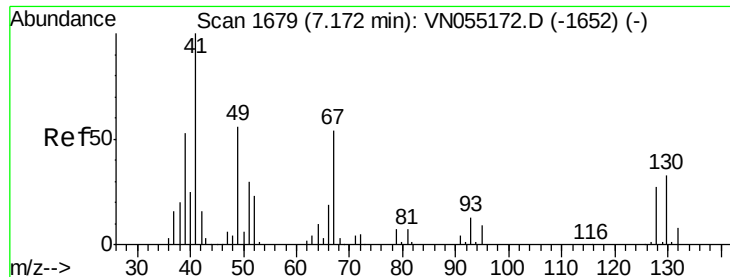
#40
Benzene
Concen: 51.113 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 78 Resp: 939744
Ion Ratio Lower Upper
78 100
77 23.7 19.5 29.3



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

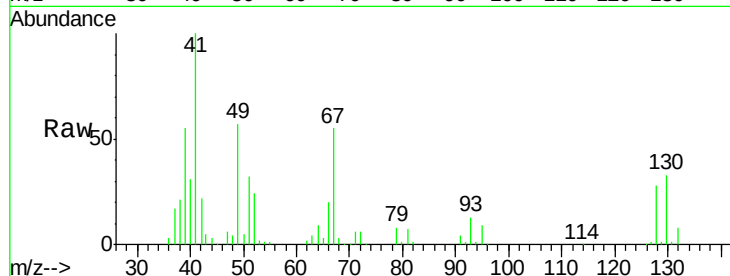




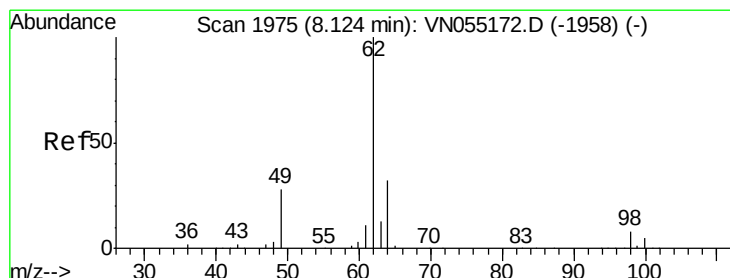
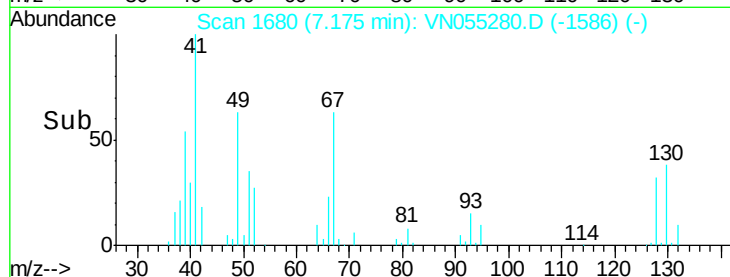
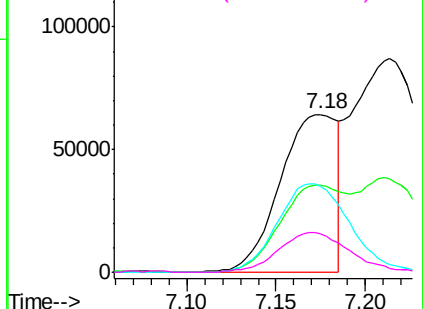
#41
Methacrylonitrile
Concen: 56.260 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 141773
Ion Ratio Lower Upper
41 100
39 63.1 45.4 68.0
67 72.3 54.6 81.8
52 30.5 22.8 34.2

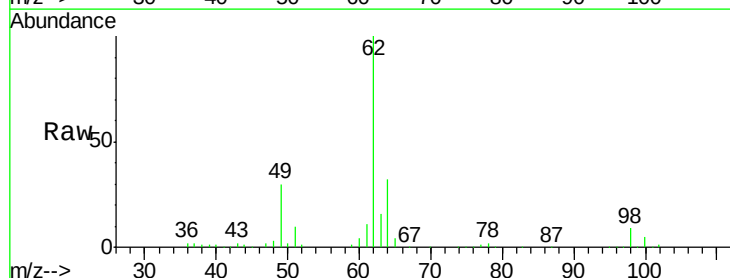


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

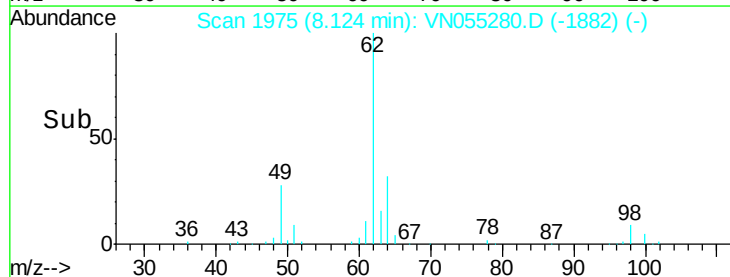
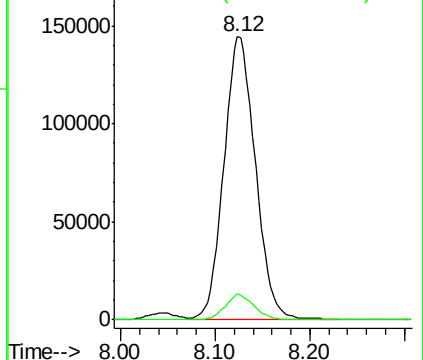


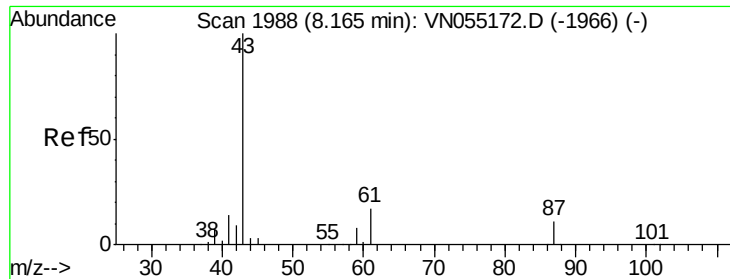
#42
1,2-Dichloroethane
Concen: 51.920 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 62 Resp: 333023
Ion Ratio Lower Upper
62 100
98 8.5 0.0 17.0



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





#43

Isopropyl Acetate

Concen: 59.837 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

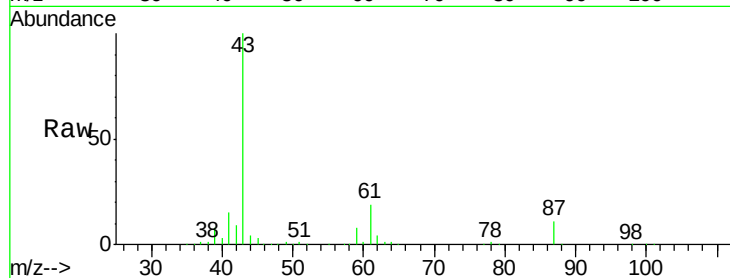
Tot Ion: 43 Resp: 465746

Ion Ratio Lower Upper

43 100

61 24.9 20.6 30.8

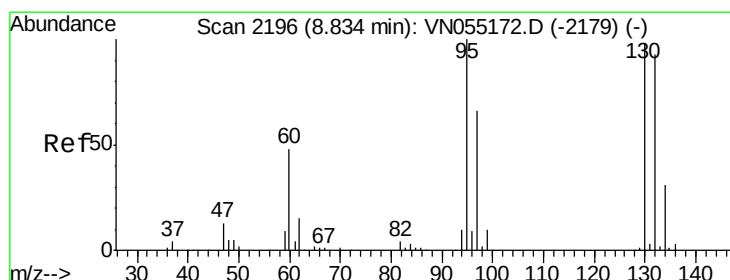
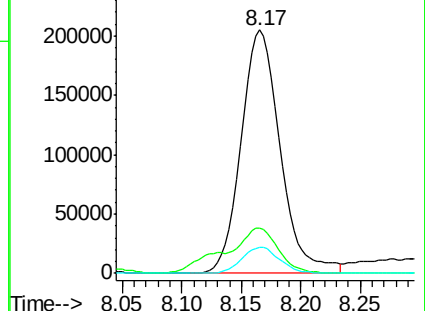
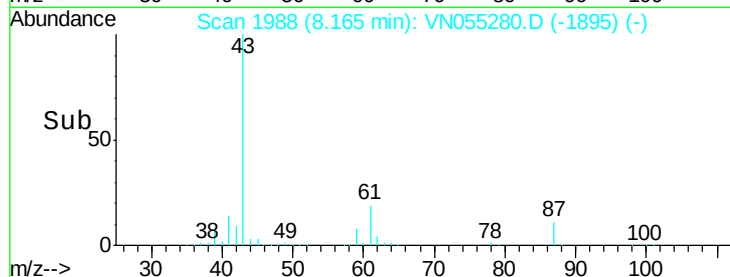
87 10.4 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN055280.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN055280.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN055280.D (-2103) (-)



#44

Trichloroethene

Concen: 49.804 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055280.D

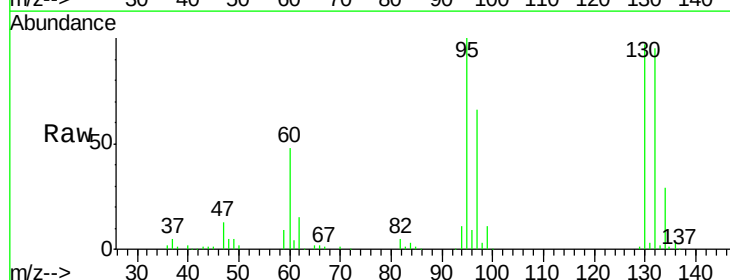
Acq: 26 Apr 2019 16:58

Tgt Ion: 130 Resp: 231436

Ion Ratio Lower Upper

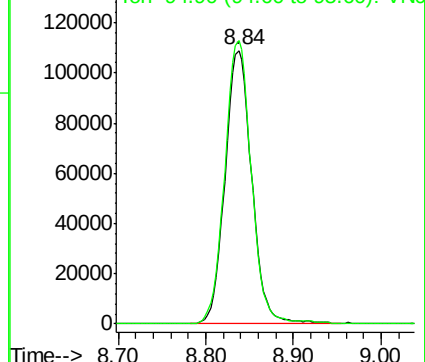
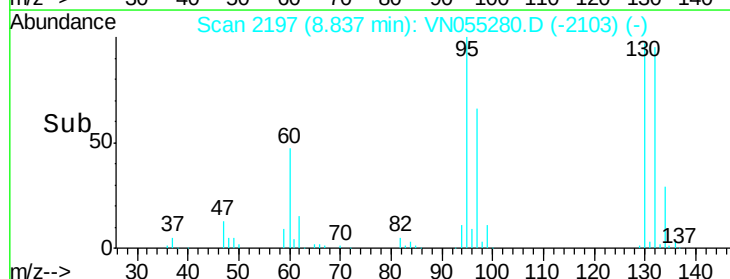
130 100

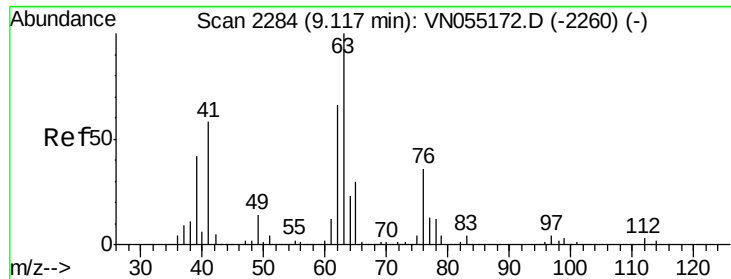
95 103.6 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): VN055280.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055280.D (-2103) (-)

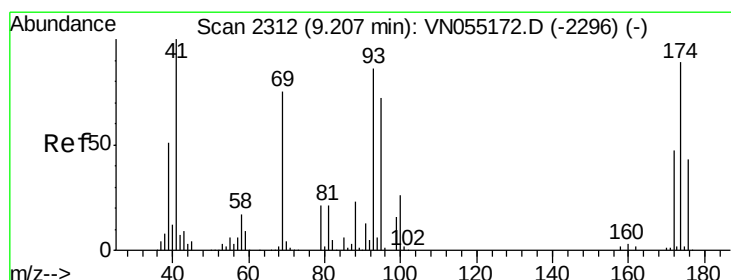
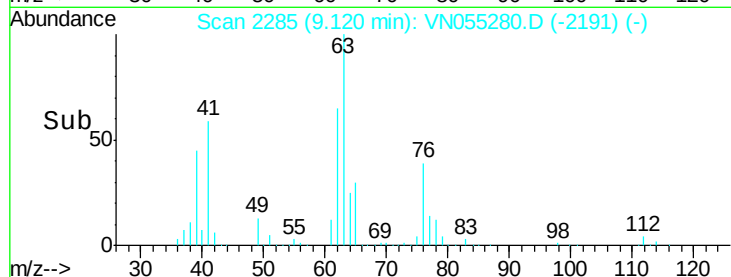
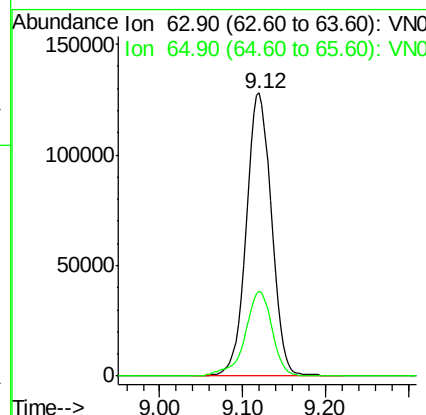
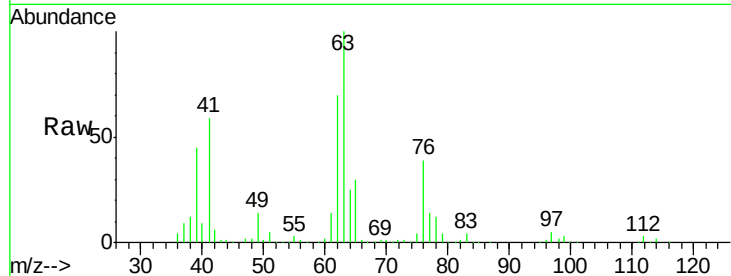




#45
 1,2-Dichloropropane
 Concen: 52.255 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

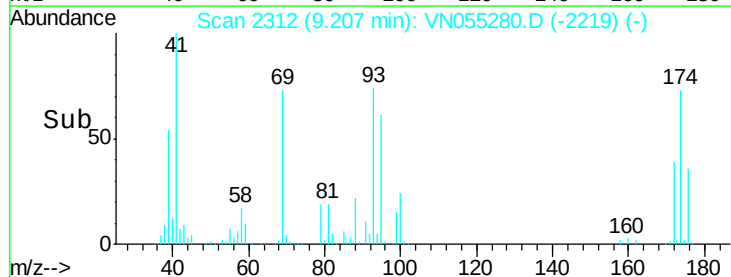
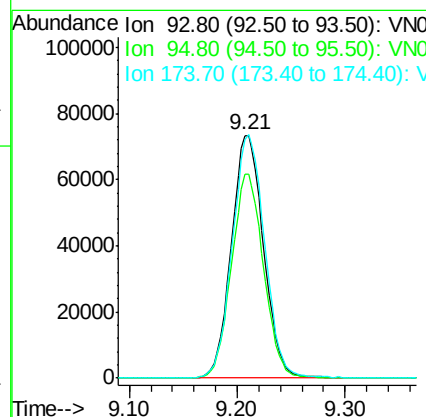
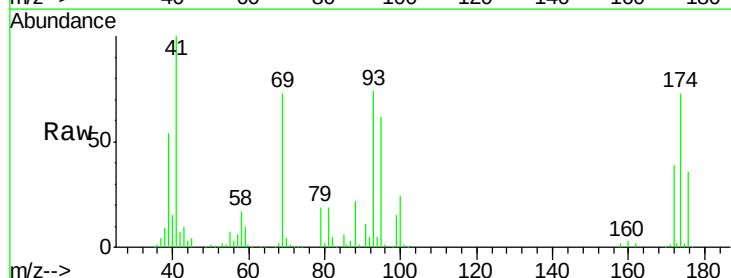
Instrument :
 MSVOA_N
 ClientSampled :

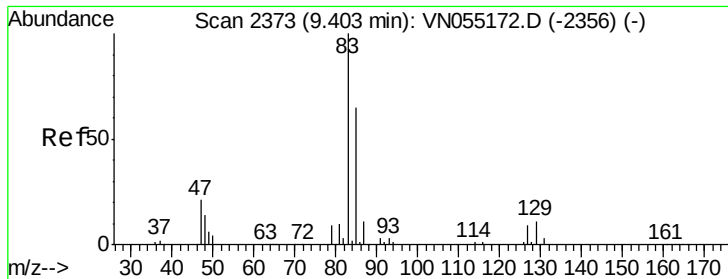
Tot Ion: 63 Resp: 271194
 Ion Ratio Lower Upper
 63 100
 65 30.0 23.8 35.6



#46
 Dibromomethane
 Concen: 51.342 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion: 93 Resp: 152534
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.6 101.4
 174 100.7 83.4 125.2





#47

Bromodichloromethane

Concen: 54.399 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

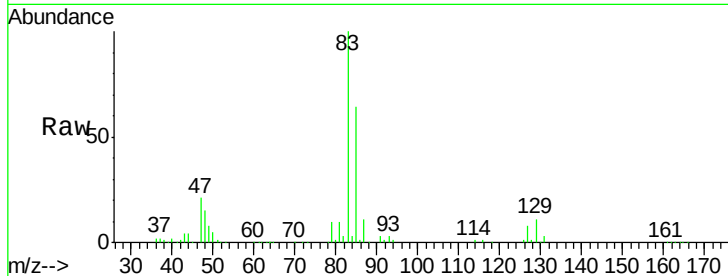
Tot Ion: 83 Resp: 323538

Ion Ratio Lower Upper

83 100

85 64.1 52.1 78.1

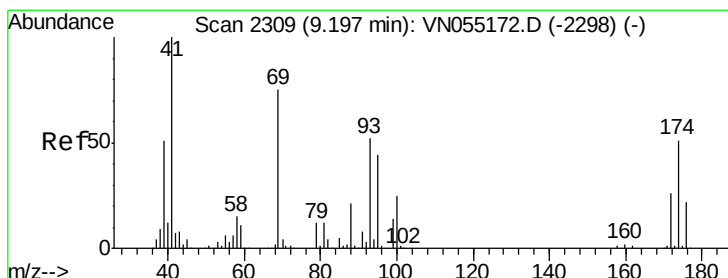
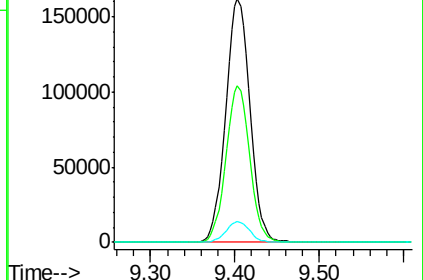
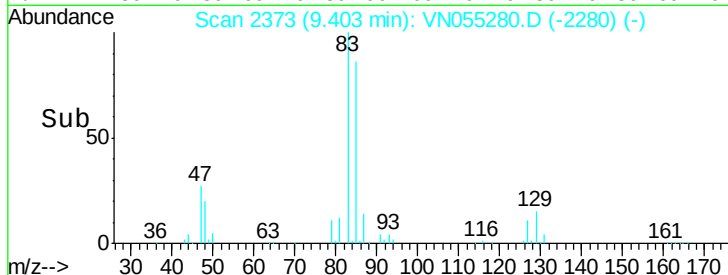
127 8.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN055280.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055280.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055280.D (-2280) (-)



#48

Methyl methacrylate

Concen: 56.466 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

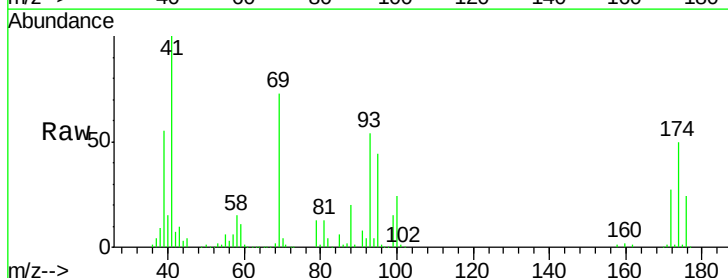
Tgt Ion: 41 Resp: 213193

Ion Ratio Lower Upper

41 100

69 77.2 63.6 95.4

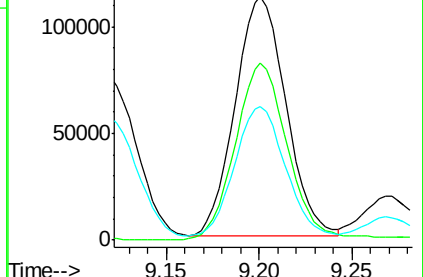
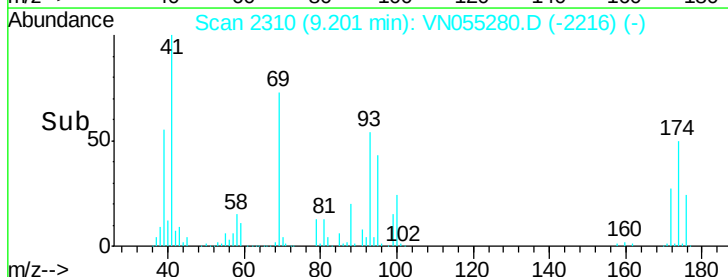
39 56.1 43.8 65.8

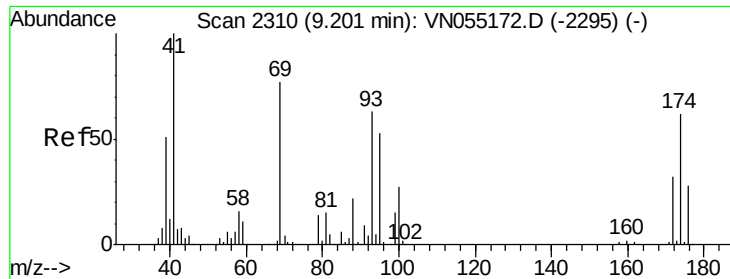


Abundance Ion 41.00 (40.70 to 41.70): VN055280.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN055280.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN055280.D (-2216) (-)

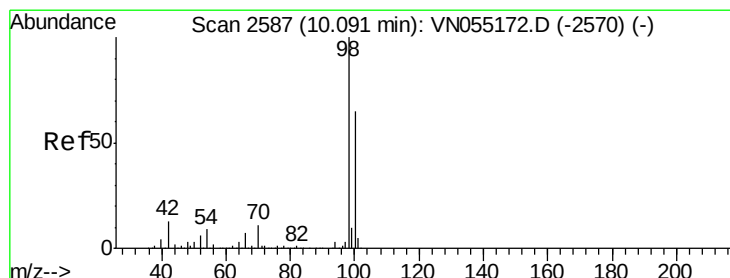
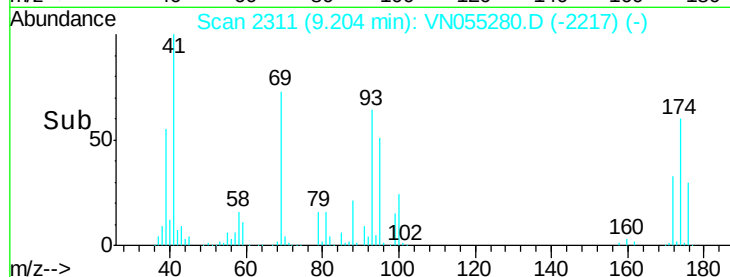
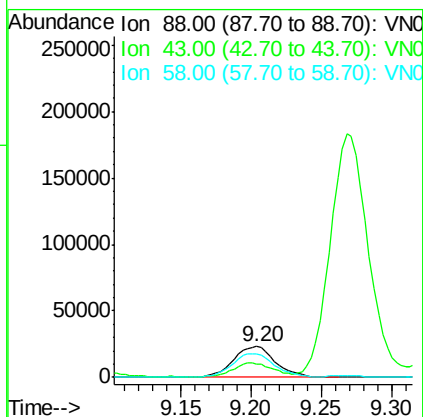
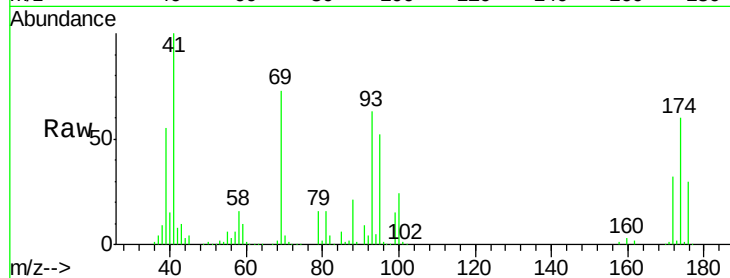




#49
1,4-Dioxane
Concen: 1123.096 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

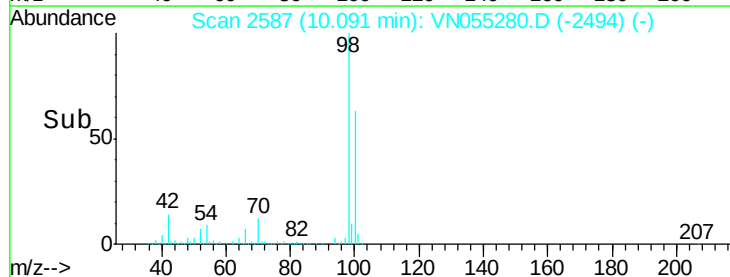
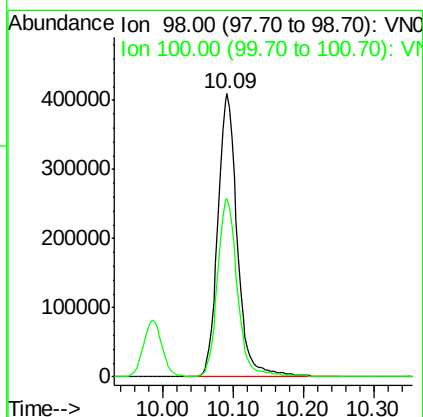
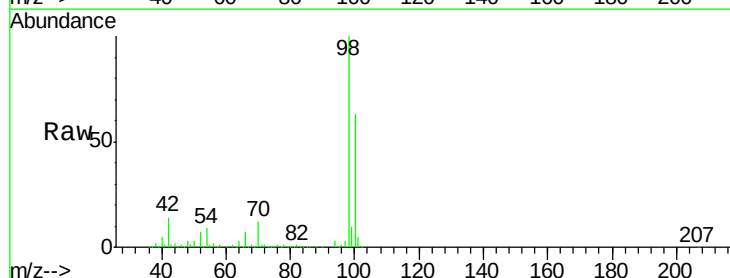
Instrument :
MSVOA_N
ClientSampleId :

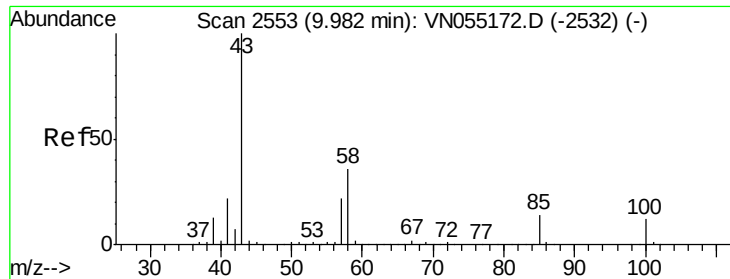
Tot Ion: 88 Resp: 48969
Ion Ratio Lower Upper
88 100
43 41.2 32.0 48.0
58 77.4 60.4 90.6



#50
Toluene-d8
Concen: 48.787 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 98 Resp: 788003
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 290.684 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

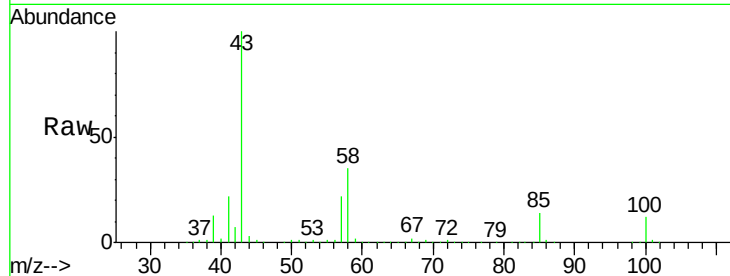
ClientSampleId :

Tot Ion: 43 Resp: 1301942

Ion Ratio Lower Upper

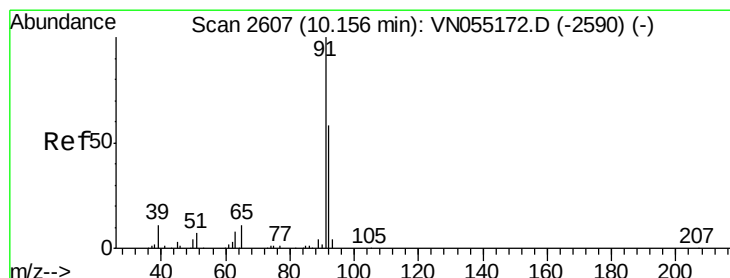
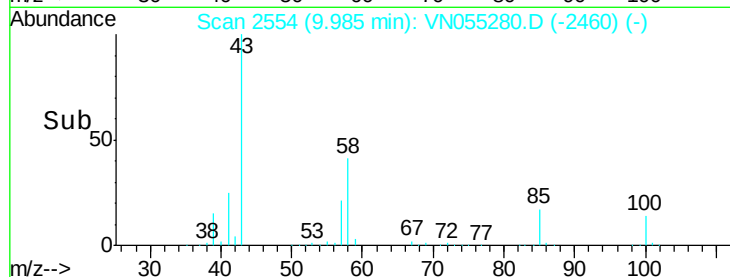
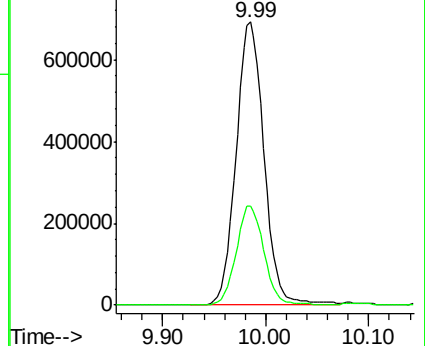
43 100

58 35.0 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.694 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055280.D

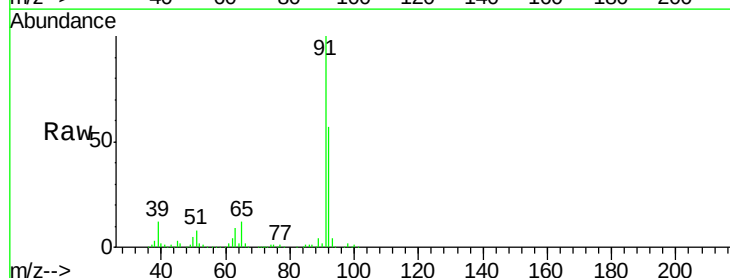
Acq: 26 Apr 2019 16:58

Tgt Ion: 92 Resp: 546397

Ion Ratio Lower Upper

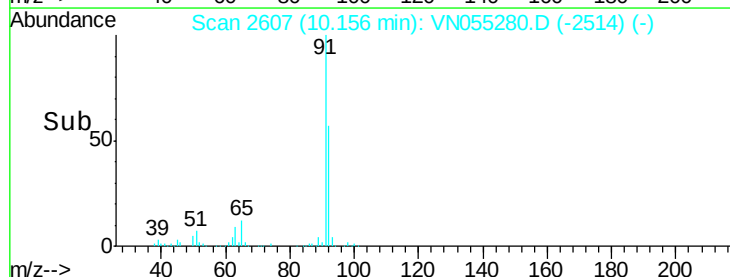
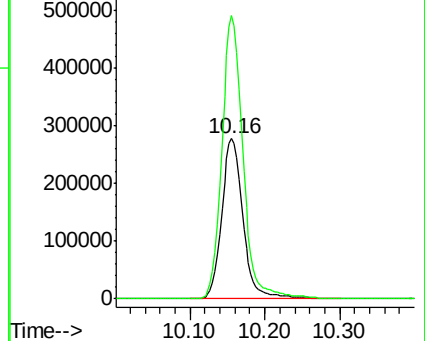
92 100

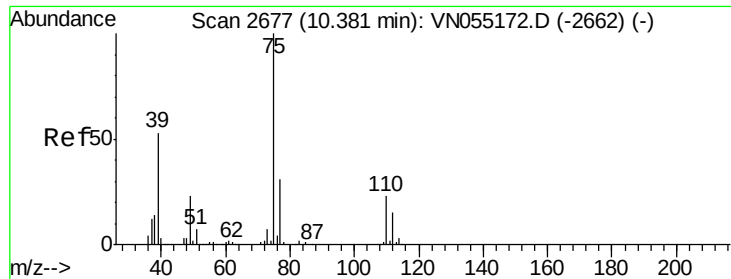
91 175.7 138.7 208.1



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: 57.790 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

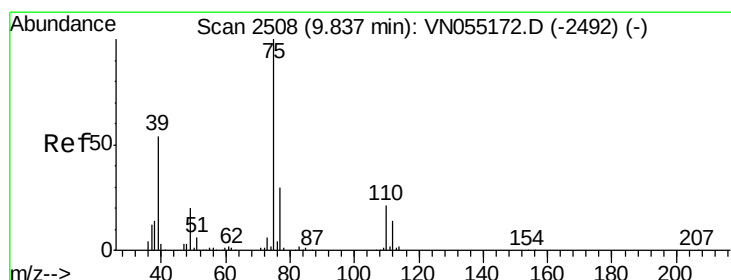
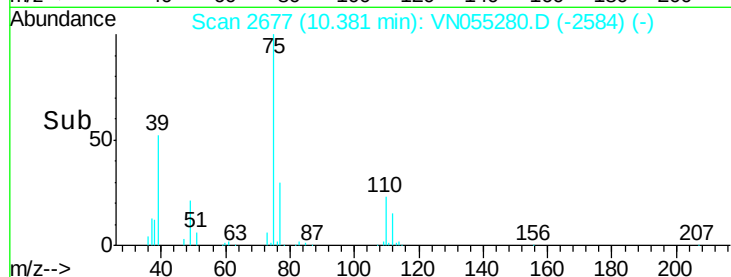
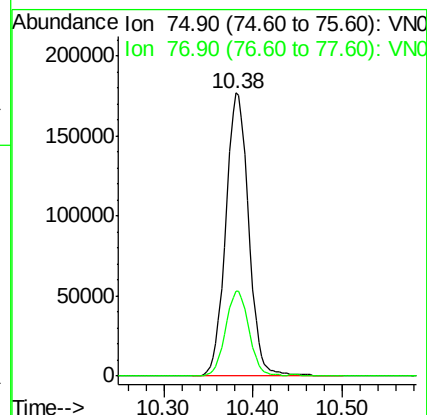
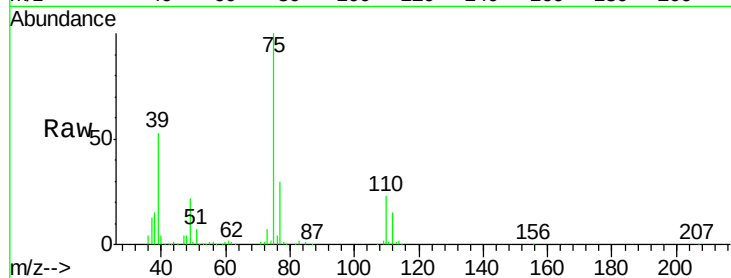
ClientSampled :

Tot Ion: 75 Resp: 315423

Ion Ratio Lower Upper

75 100

77 29.8 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 55.621 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

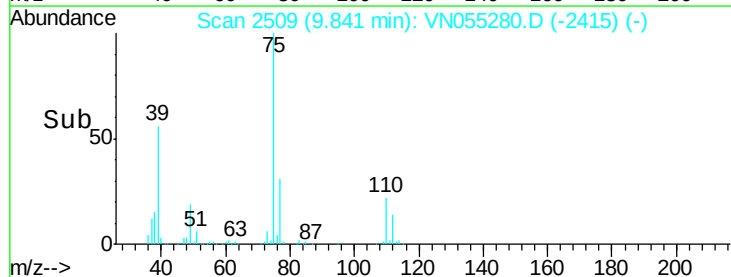
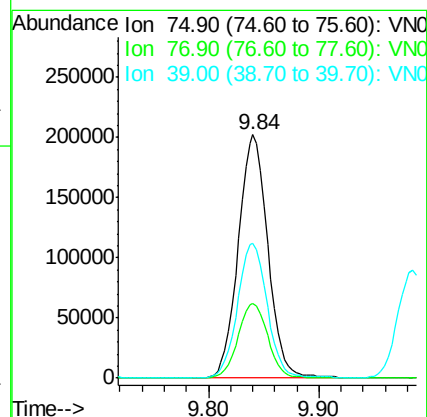
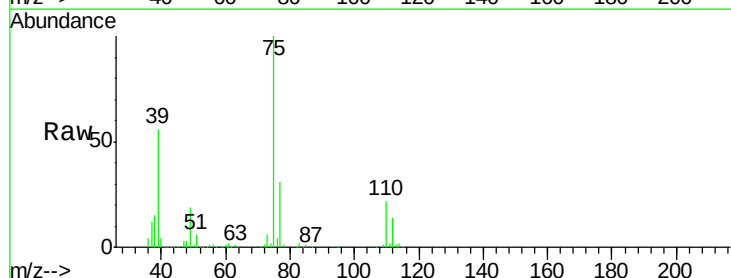
Tgt Ion: 75 Resp: 376739

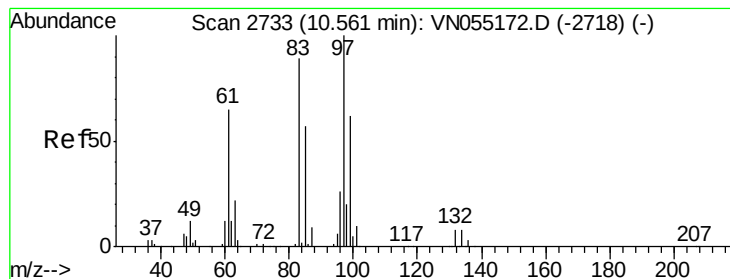
Ion Ratio Lower Upper

75 100

77 30.9 24.3 36.5

39 55.4 43.0 64.4





#55

1,1,2-Trichloroethane

Concen: 53.222 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 211485

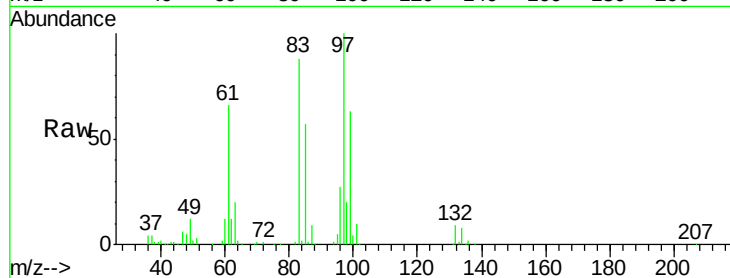
Ion Ratio Lower Upper

97 100

83 88.0 71.5 107.3

85 57.4 45.8 68.6

99 62.4 49.9 74.9

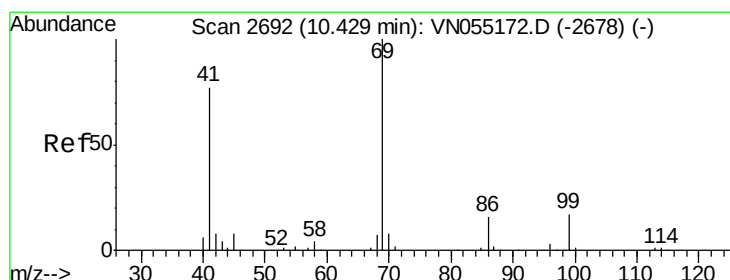
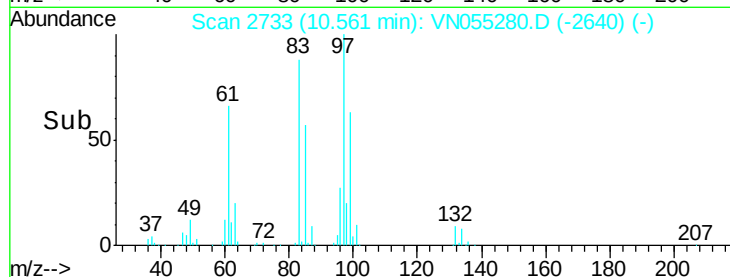
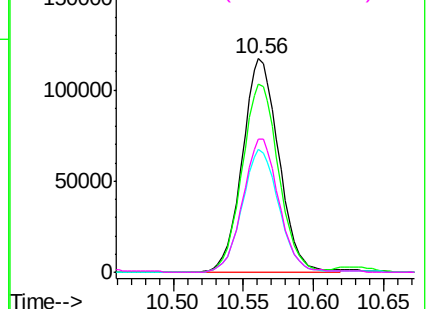


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 57.600 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

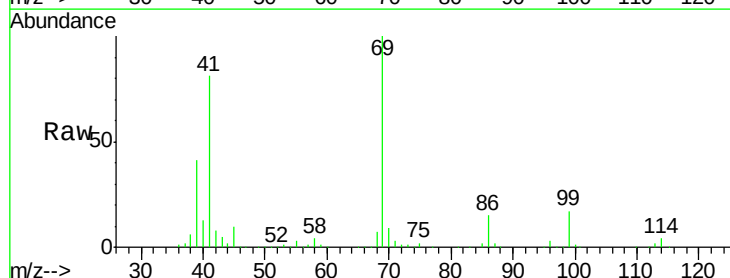
Tgt Ion: 69 Resp: 285127

Ion Ratio Lower Upper

69 100

41 78.1 60.6 90.8

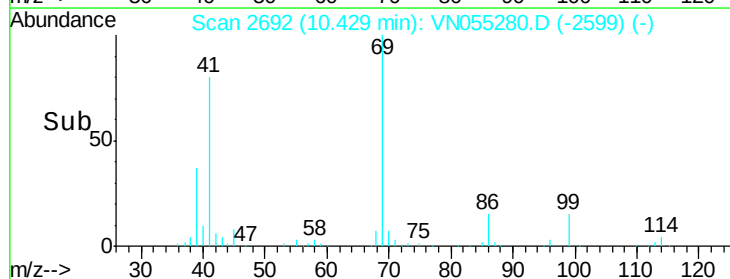
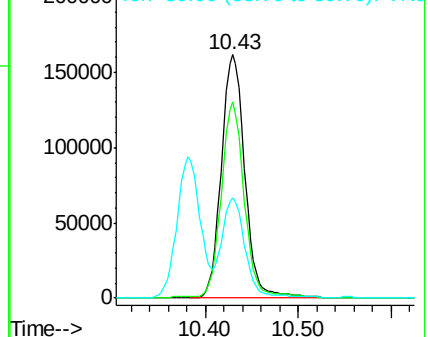
39 39.8 31.7 47.5

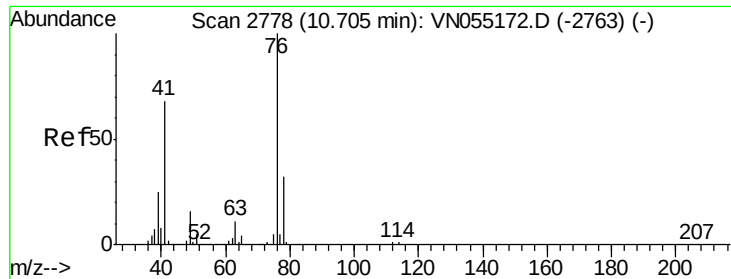


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

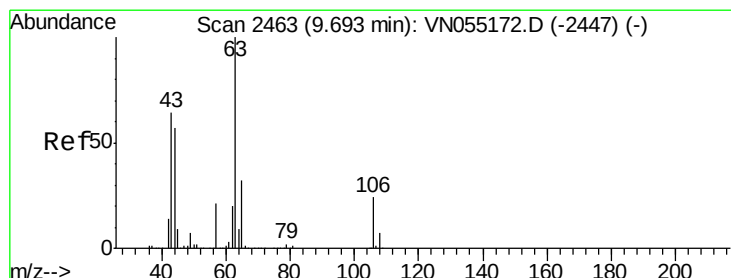
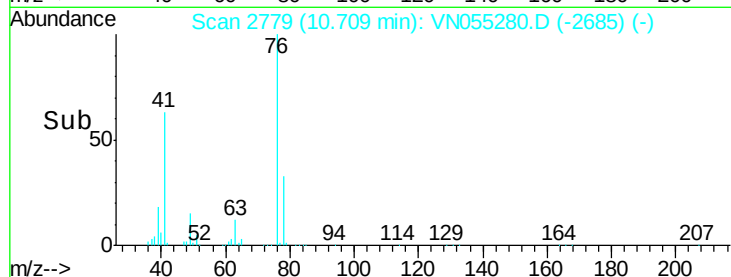
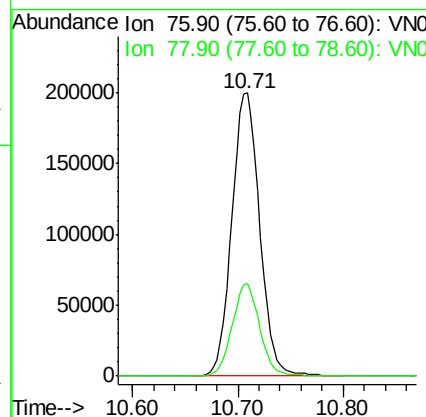
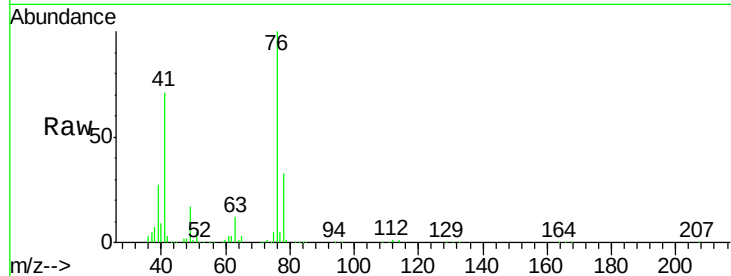




#57
 1,3-Dichloropropane
 Concen: 52.831 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

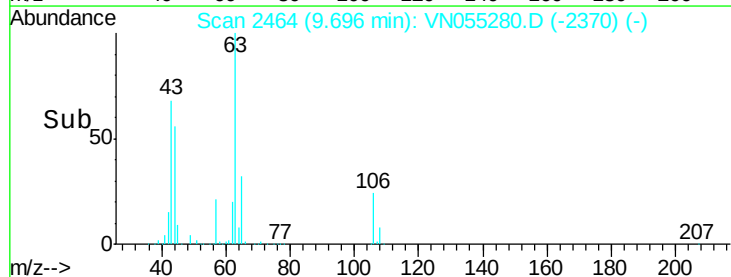
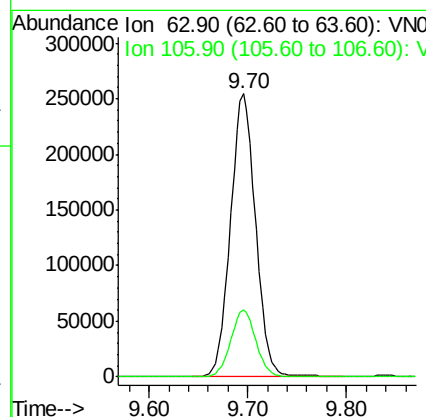
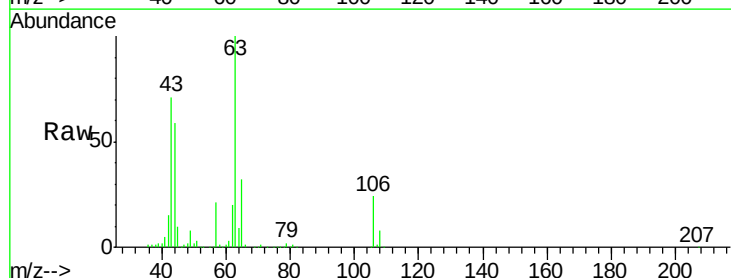
Instrument :
 MSVOA_N
 ClientSampled :

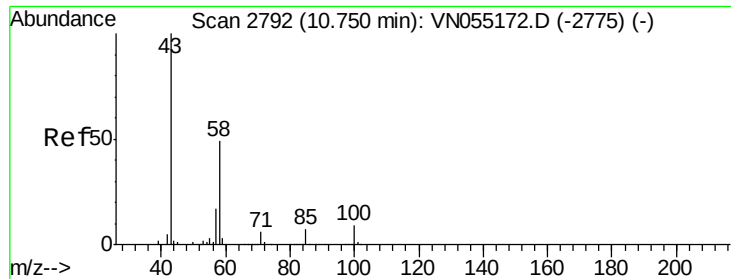
Tot Ion: 76 Resp: 365249
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.746 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion: 63 Resp: 454369
 Ion Ratio Lower Upper
 63 100
 106 23.6 19.4 29.0

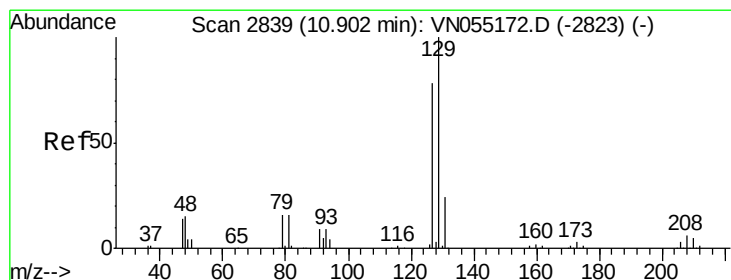
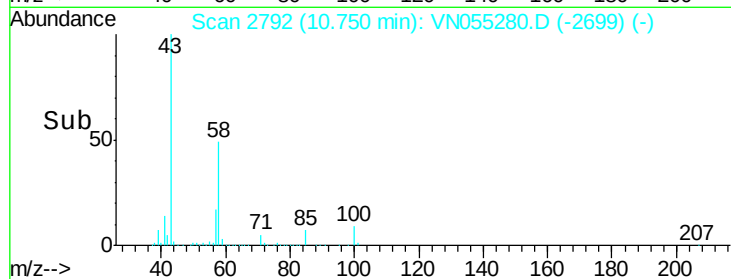
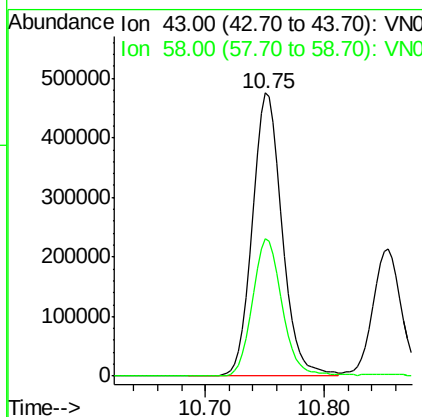
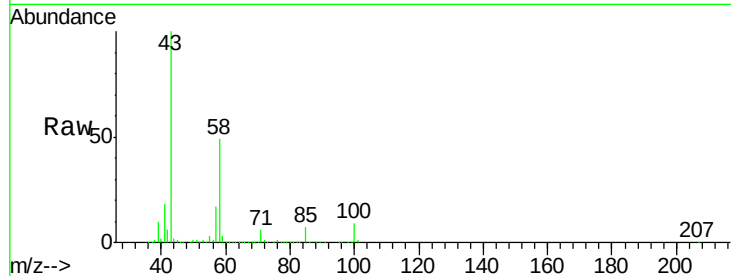




#59
2-Hexanone
Concen: 290.621 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

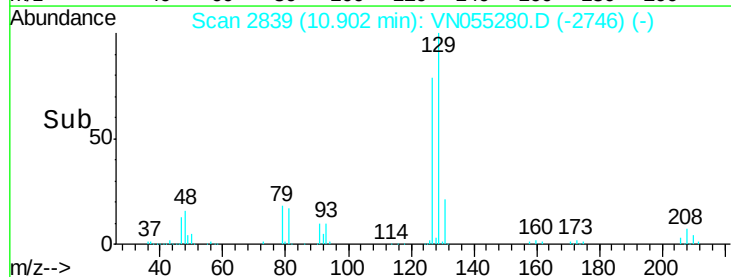
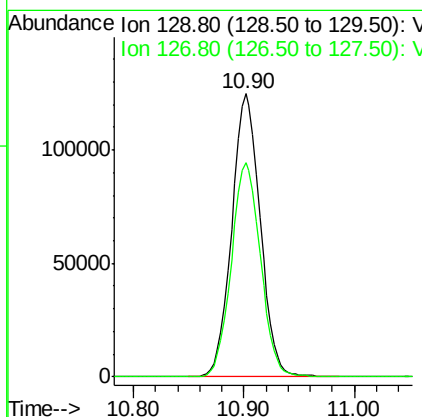
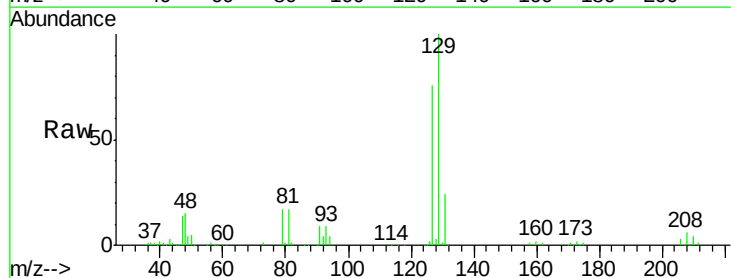
Instrument :
MSVOA_N
ClientSampled :

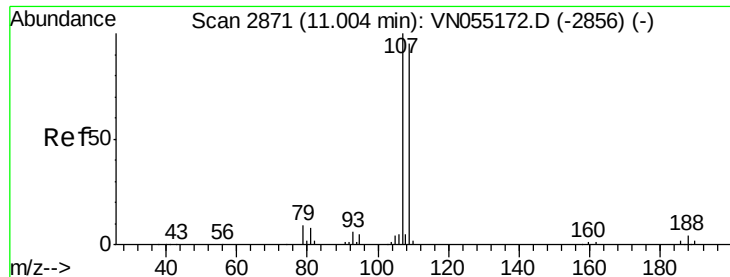
Tot Ion: 43 Resp: 822190
Ion Ratio Lower Upper
43 100
58 48.6 24.5 73.5



#60
Dibromochloromethane
Concen: 54.592 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 129 Resp: 223441
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

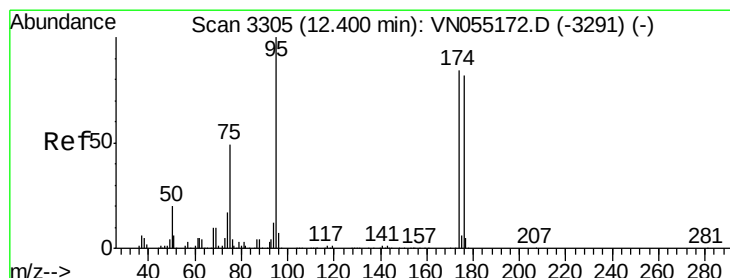
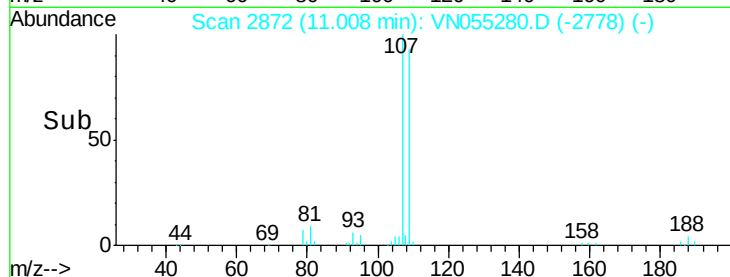
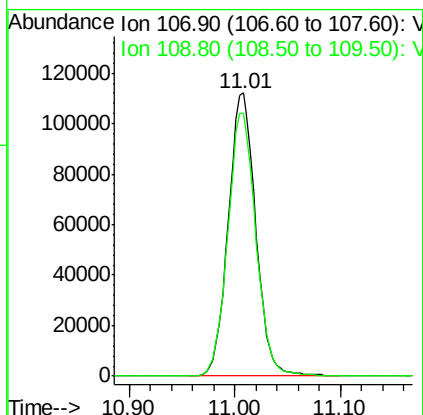
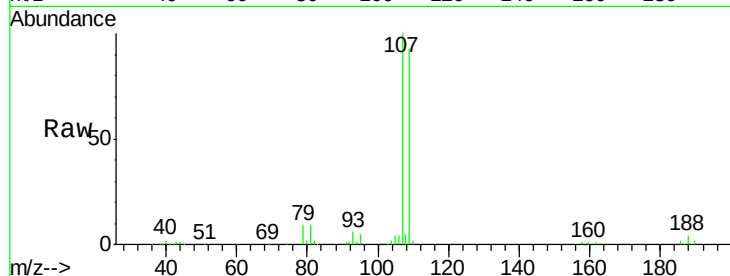




#61
 1,2-Dibromoethane
 Concen: 54.027 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

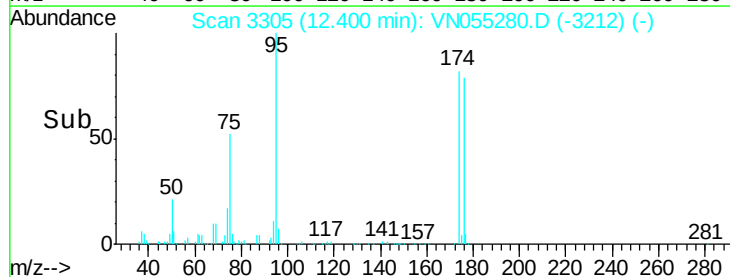
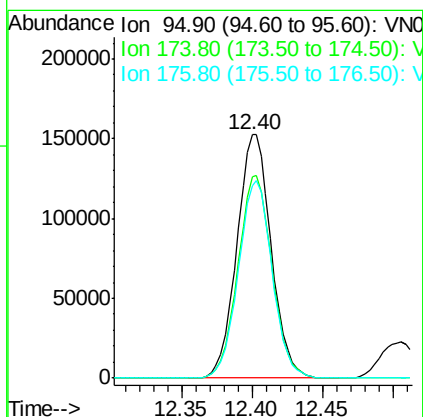
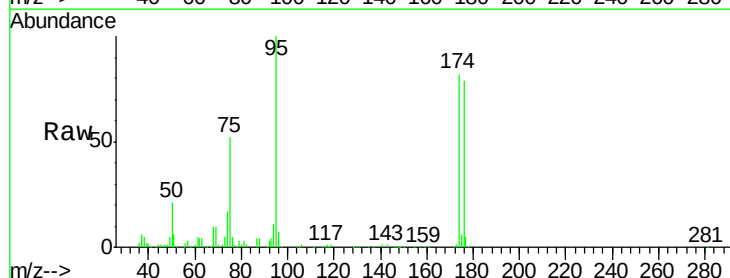
Instrument :
 MSVOA_N
 ClientSampleId :

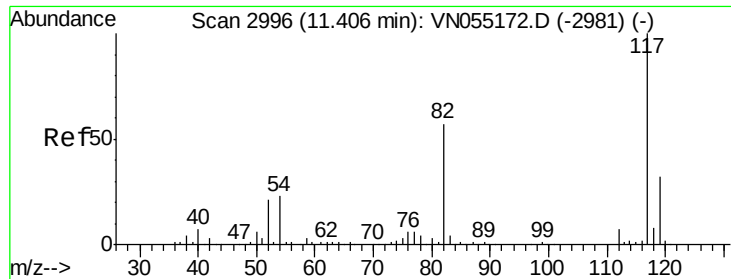
Tot Ion: 107 Resp: 201847
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 50.766 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion: 95 Resp: 259662
 Ion Ratio Lower Upper
 95 100
 174 82.9 0.0 168.4
 176 80.0 0.0 164.0

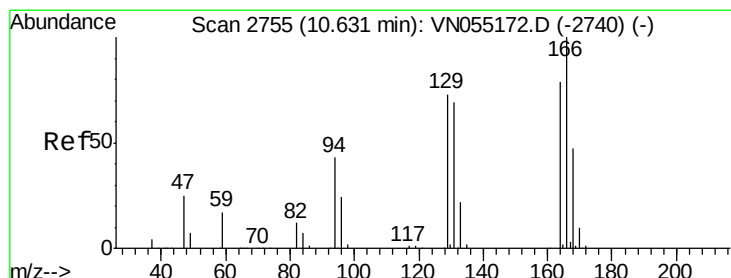
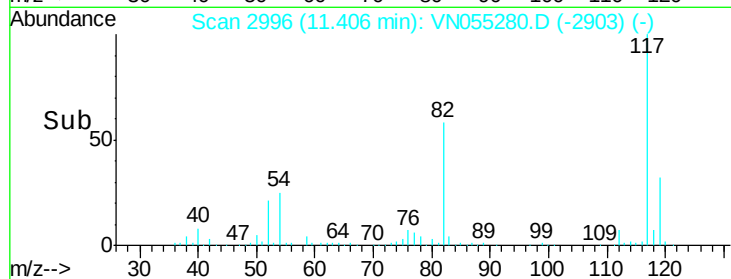
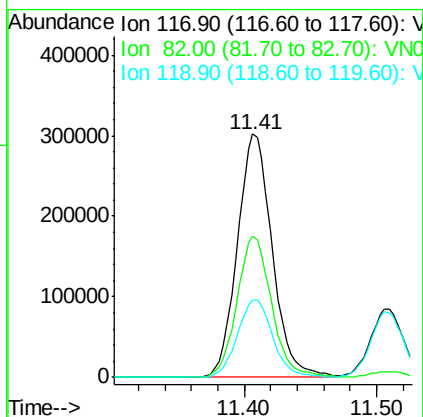
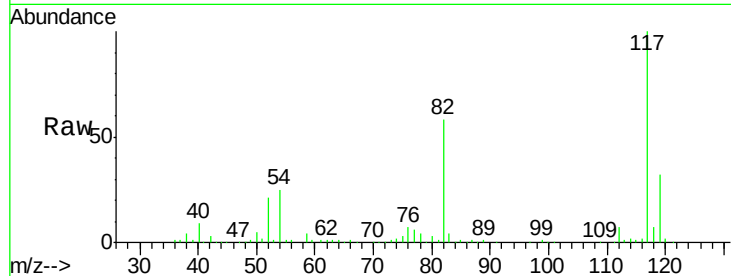




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

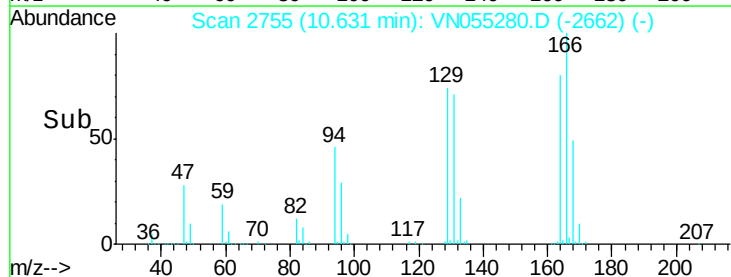
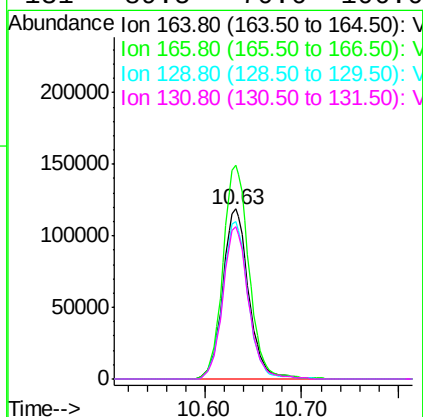
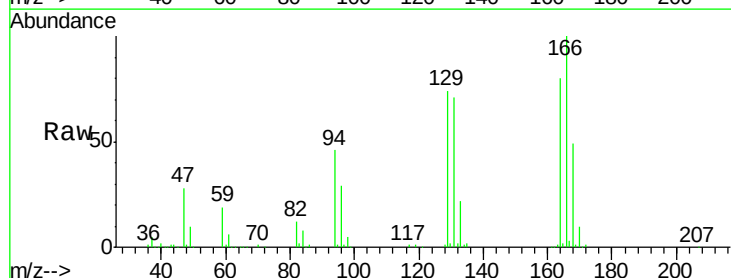
Instrument :
MSVOA_N
ClientSampled :

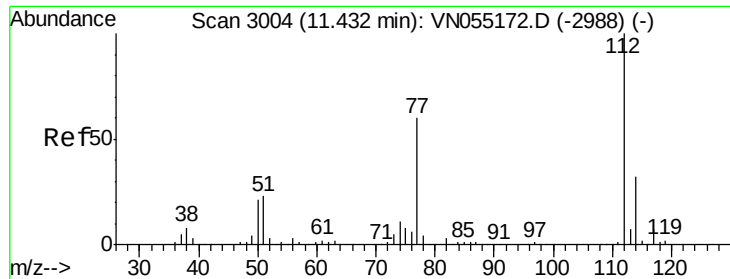
Tot Ion:117 Resp: 553310
Ion Ratio Lower Upper
117 100
82 58.2 45.7 68.5
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 48.760 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion:164 Resp: 220094
Ion Ratio Lower Upper
164 100
166 125.7 101.9 152.9
129 92.8 74.1 111.1
131 89.5 70.6 106.0

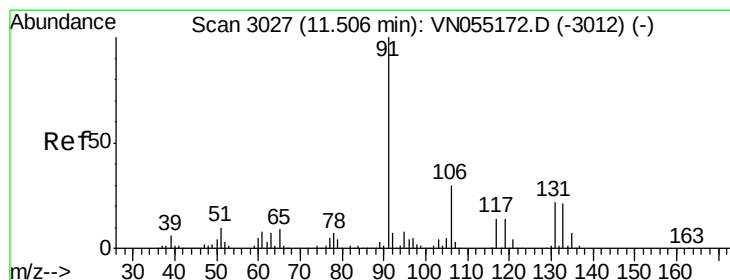
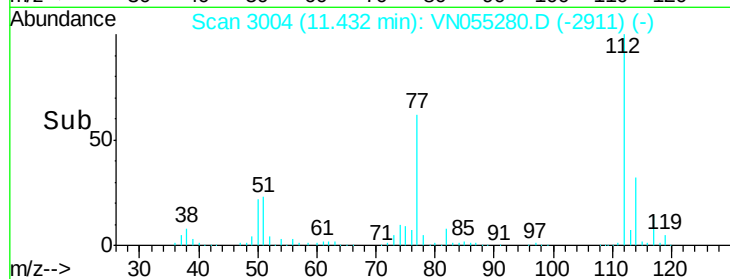
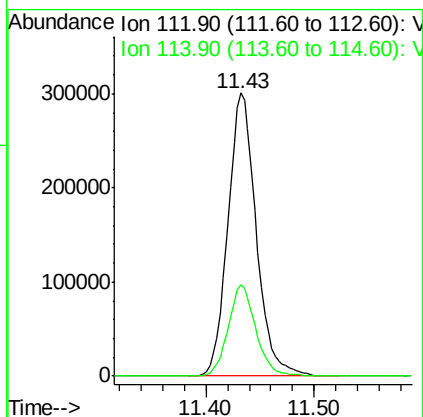
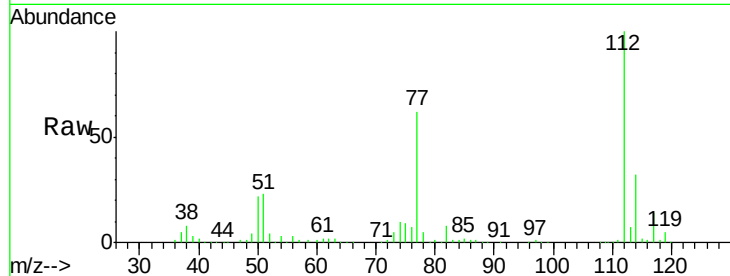




#65
Chlorobenzene
Concen: 48.724 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

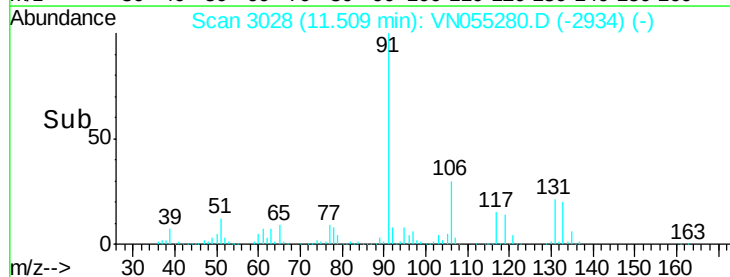
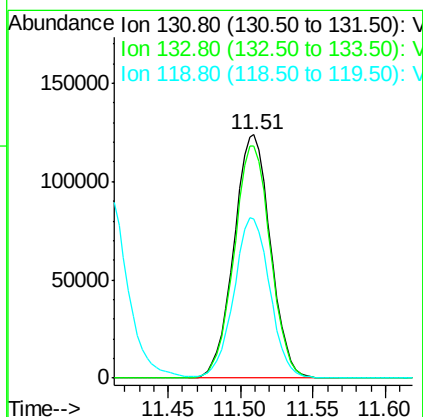
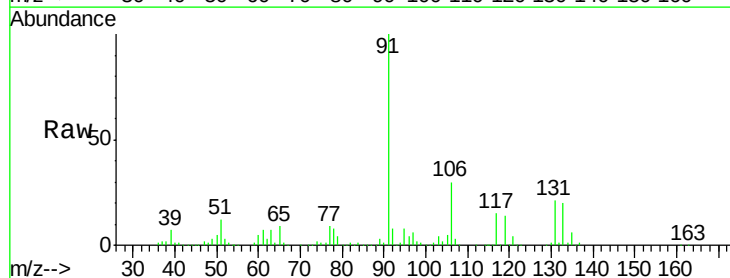
Instrument :
MSVOA_N
ClientSampled :

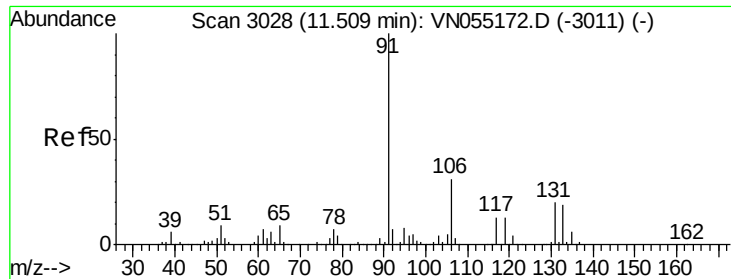
Tot Ion:112 Resp: 550277
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.798 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion:131 Resp: 216816
Ion Ratio Lower Upper
131 100
133 94.9 47.7 143.1
119 64.8 33.2 99.6

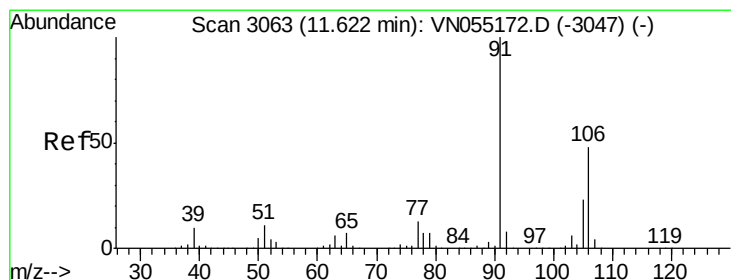
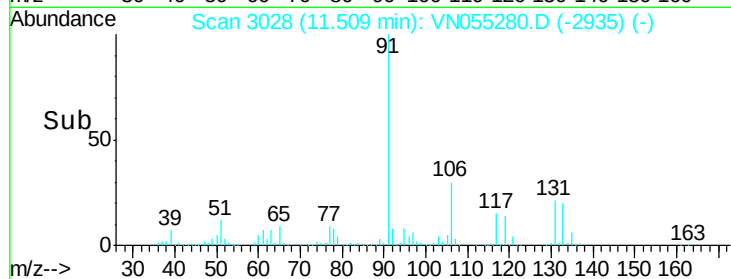
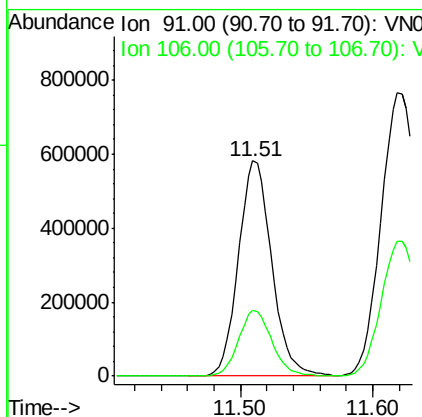
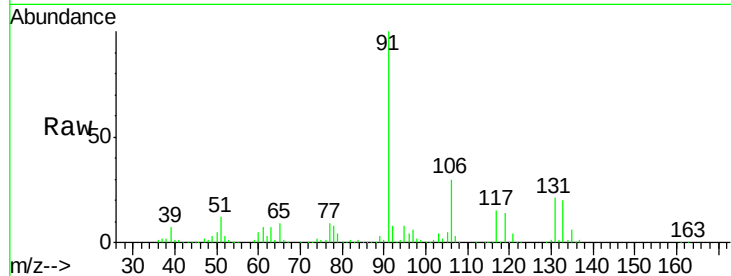




#67
Ethyl Benzene
Concen: 50.537 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

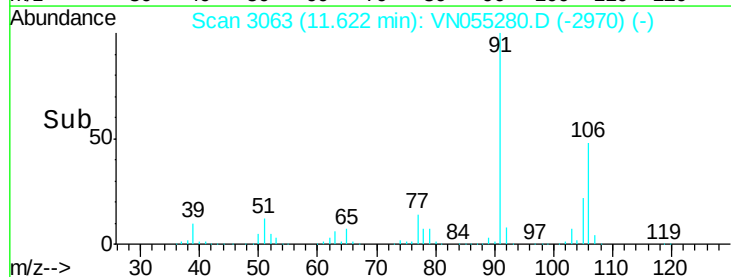
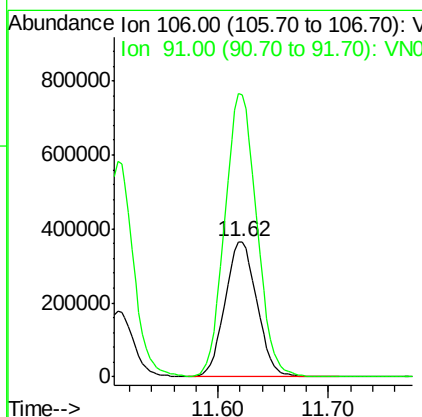
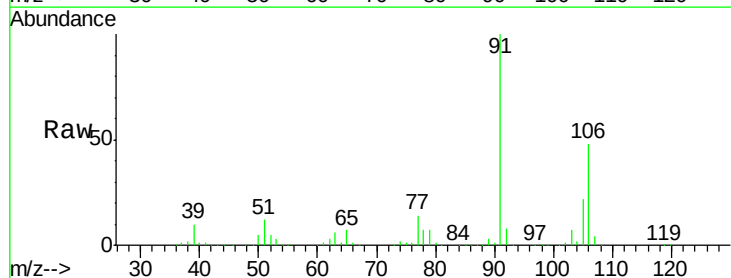
Instrument :
MSVOA_N
ClientSampleId :

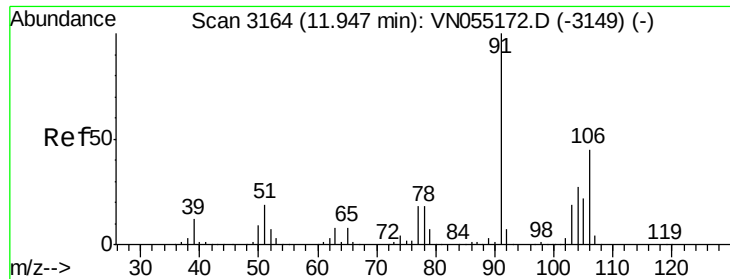
Tot Ion: 91 Resp: 1016685
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7



#68
m/p-Xylenes
Concen: 101.728 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion: 106 Resp: 734002
Ion Ratio Lower Upper
106 100
91 209.6 167.1 250.7

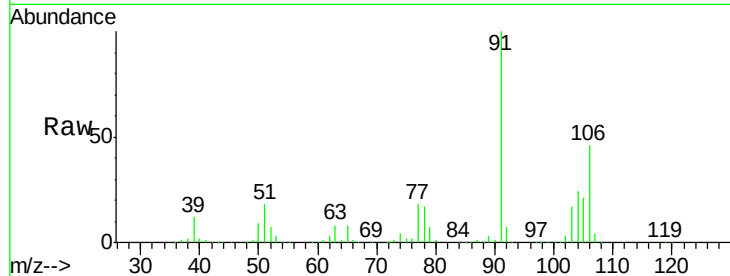




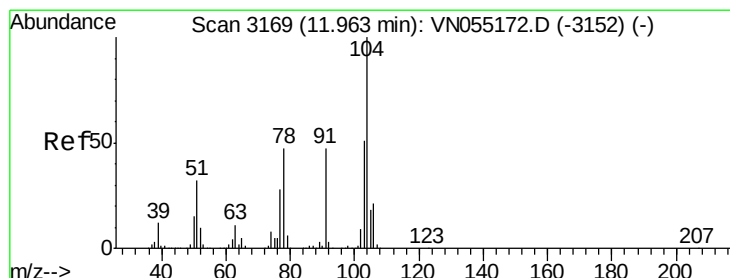
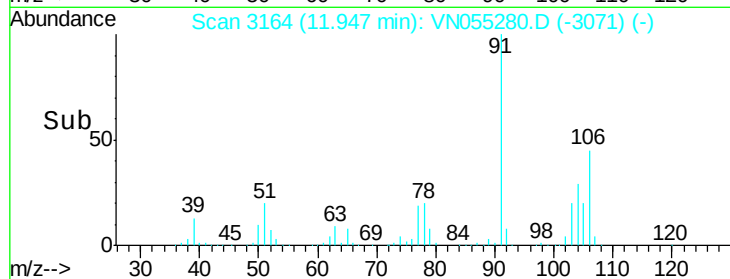
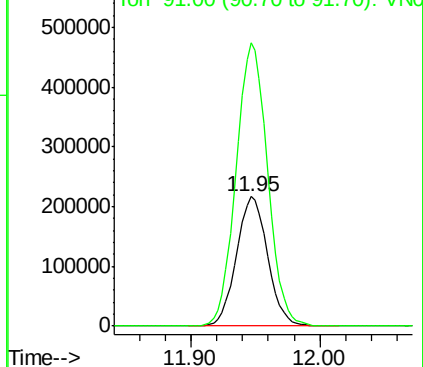
#69
o-Xylene
Concen: 50.842 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 364060
Ion Ratio Lower Upper
106 100
91 221.0 110.6 331.8

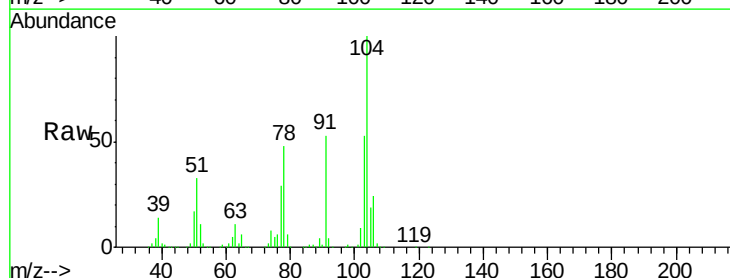


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

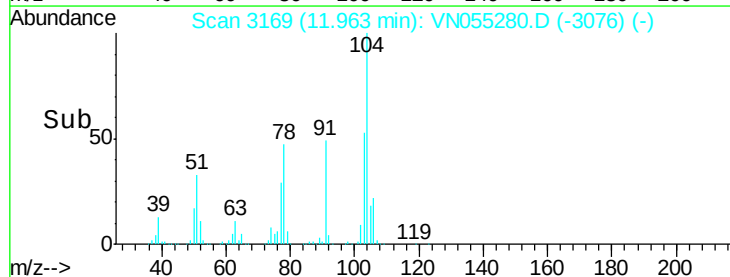
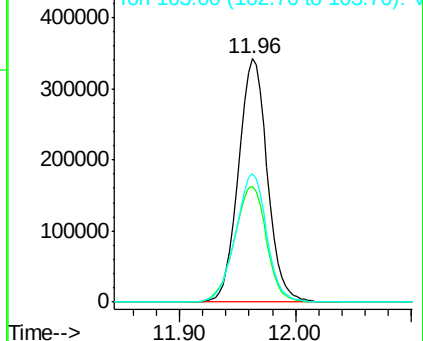


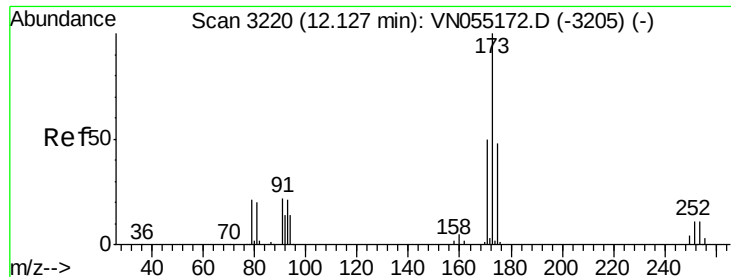
#70
Styrene
Concen: 53.366 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055280.D
Acq: 26 Apr 2019 16:58

Tgt Ion:104 Resp: 592323
Ion Ratio Lower Upper
104 100
78 52.8 41.3 61.9
103 56.8 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 55.918 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

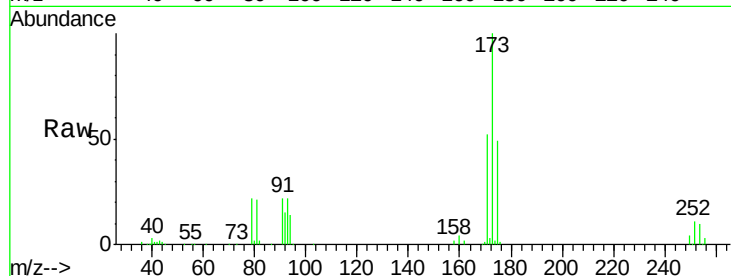
Tot Ion:173 Resp: 139674

Ion Ratio Lower Upper

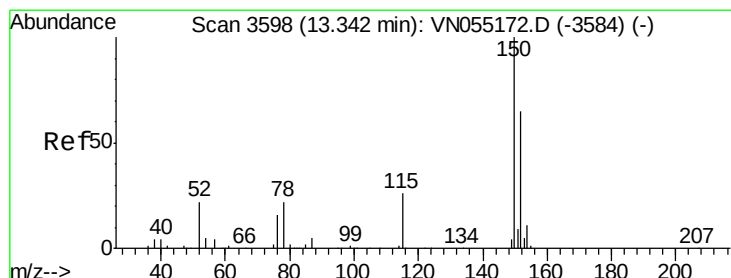
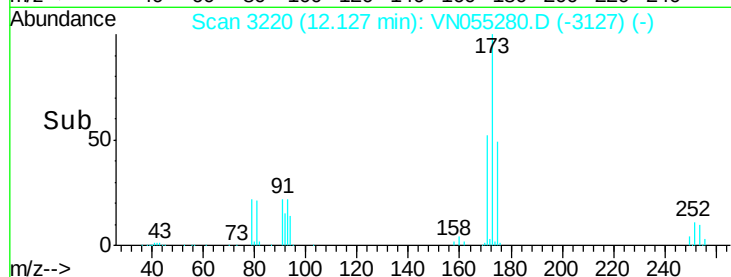
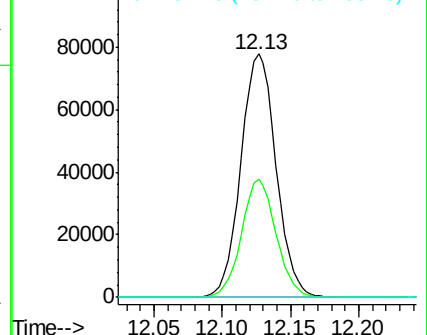
173 100

175 47.3 23.8 71.2

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: VN055280.D

Acq: 26 Apr 2019 16:58

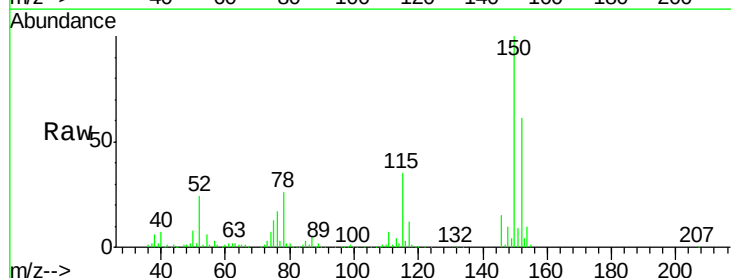
Tgt Ion:152 Resp: 220058

Ion Ratio Lower Upper

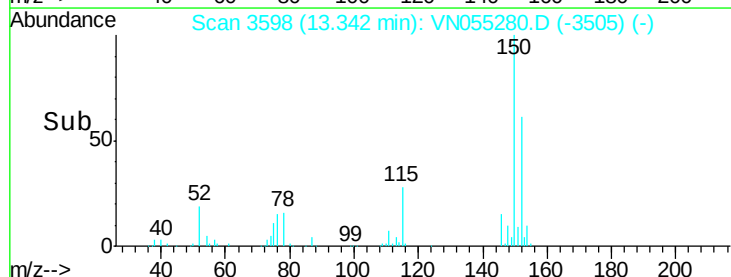
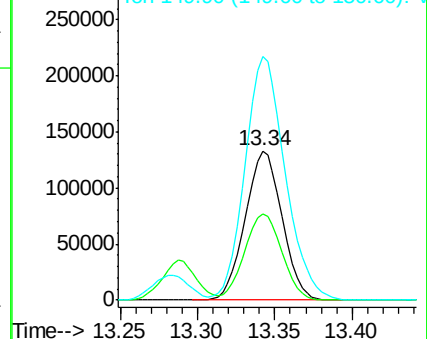
152 100

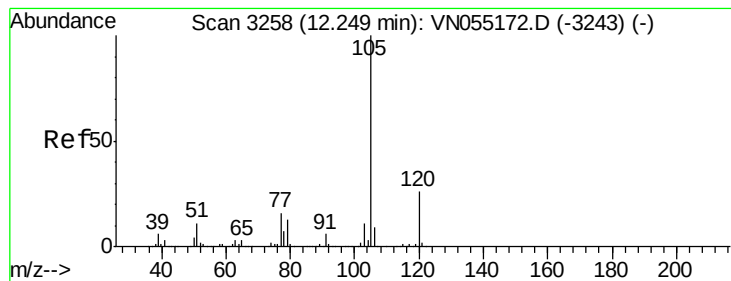
115 58.6 28.9 86.7

150 178.1 0.0 346.6



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: 54.078 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

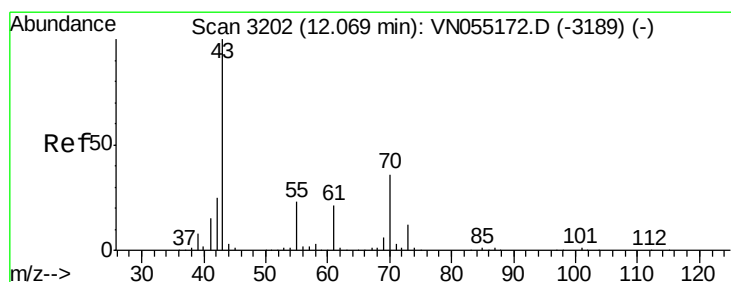
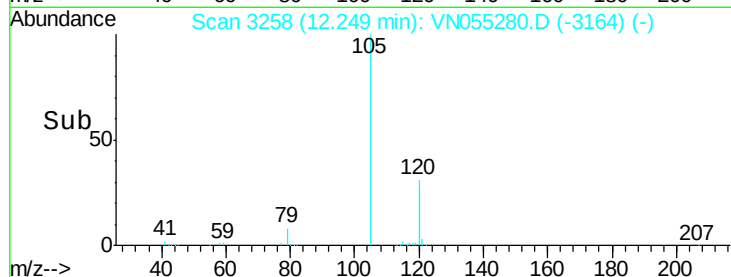
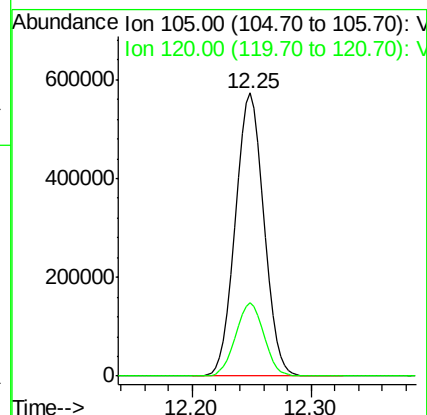
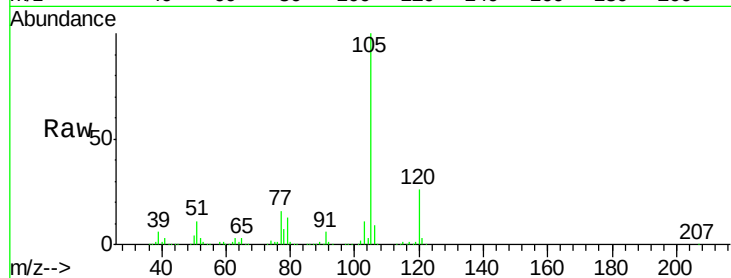
ClientSampleId :

Tot Ion:105 Resp: 952961

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.1



#74

N-ethyl acetate

Concen: 58.961 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Tgt Ion: 43 Resp: 334519

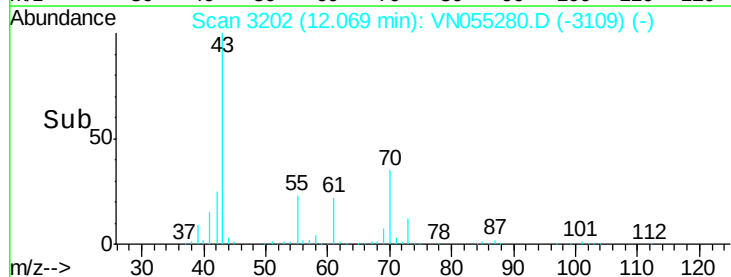
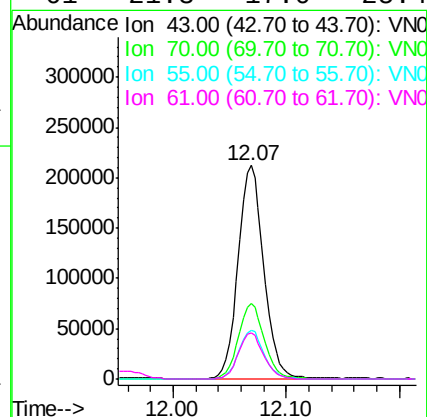
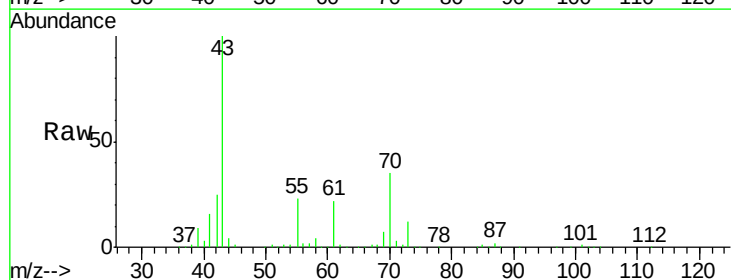
Ion Ratio Lower Upper

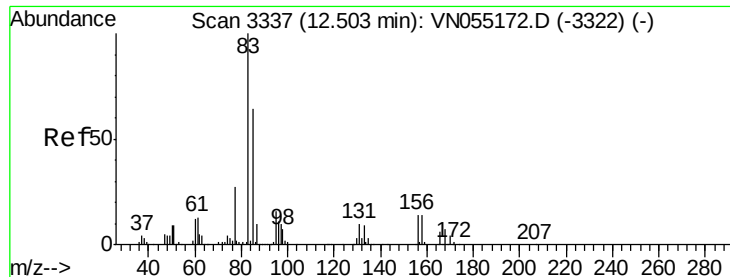
43 100

70 35.8 29.0 43.6

55 22.7 18.5 27.7

61 21.3 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 59.075 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

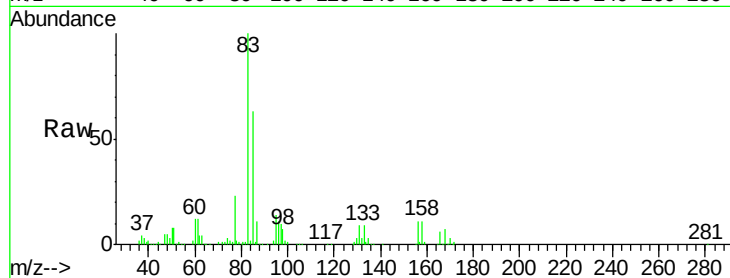
Tot Ion: 83 Resp: 262367

Ion Ratio Lower Upper

83 100

131 9.8 5.0 15.0

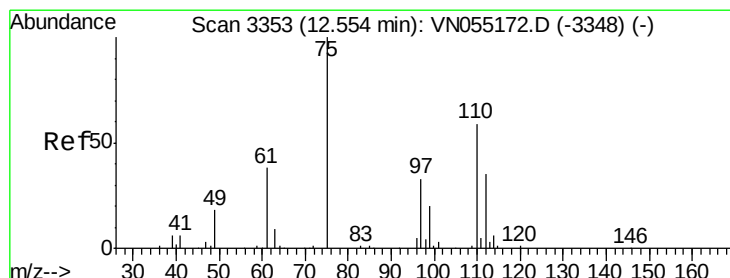
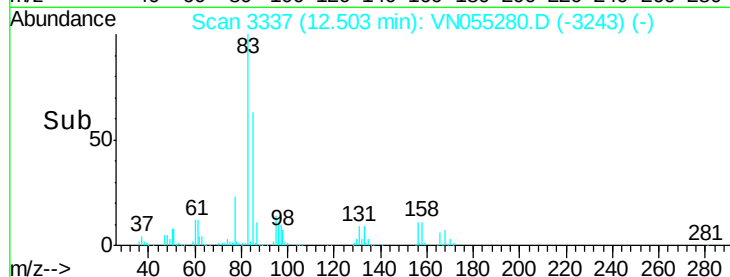
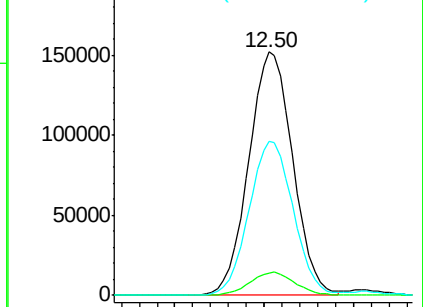
85 63.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN055280.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055280.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055280.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 69.334 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055280.D

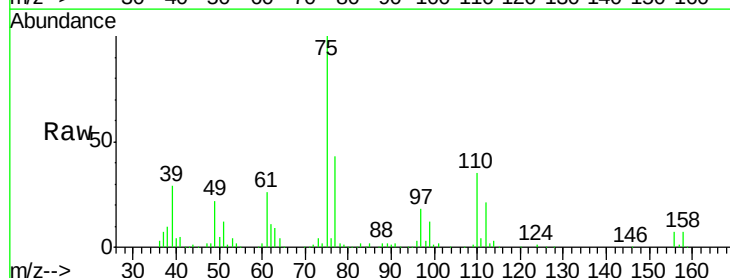
Acq: 26 Apr 2019 16:58

Tgt Ion: 75 Resp: 309533

Ion Ratio Lower Upper

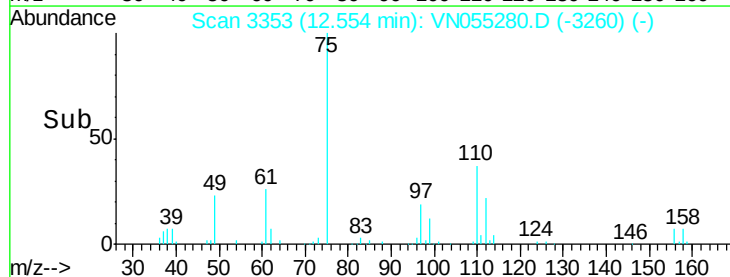
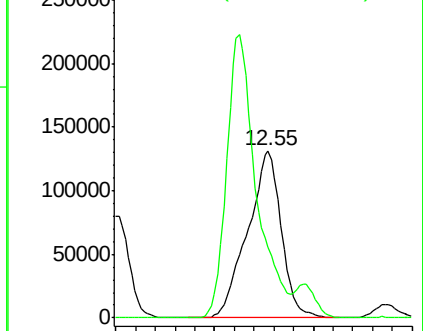
75 100

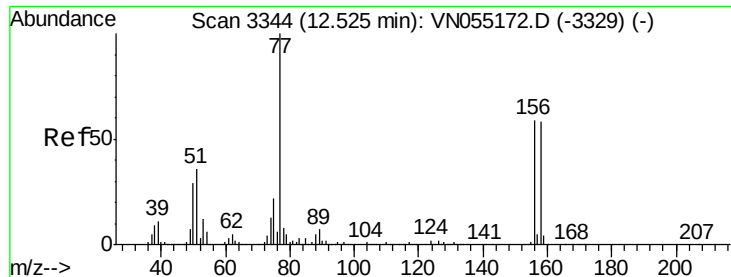
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055280.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055280.D (-3260) (-)





#77

Bromobenzene

Concen: 47.871 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

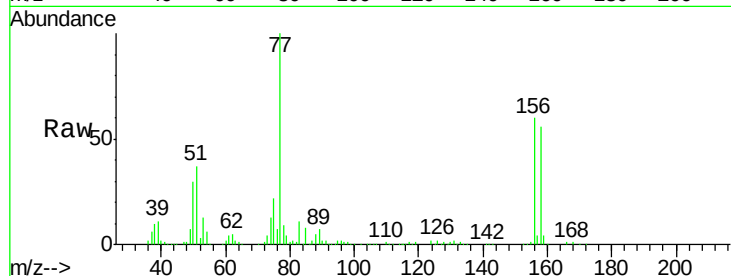
Tot Ion:156 Resp: 232561

Ion Ratio Lower Upper

156 100

77 201.5 98.0 293.9

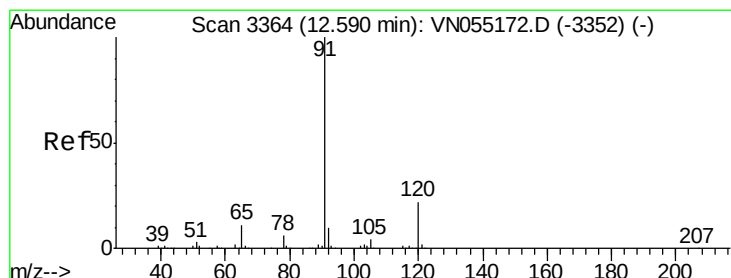
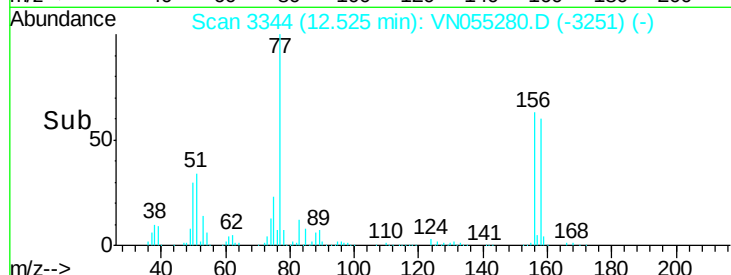
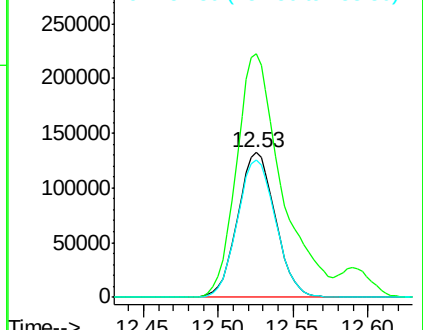
158 96.9 48.9 146.8



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: 47.576 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055280.D

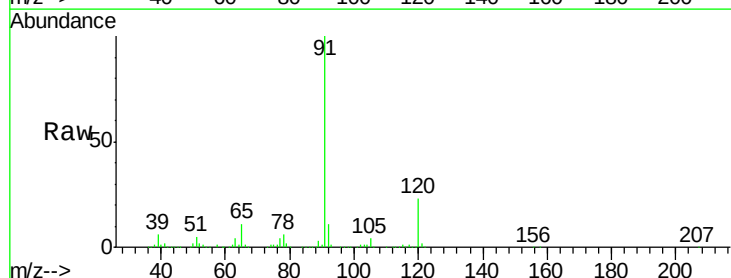
Acq: 26 Apr 2019 16:58

Tgt Ion: 91 Resp: 1049954

Ion Ratio Lower Upper

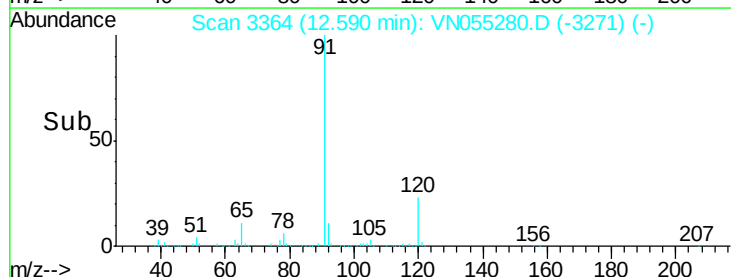
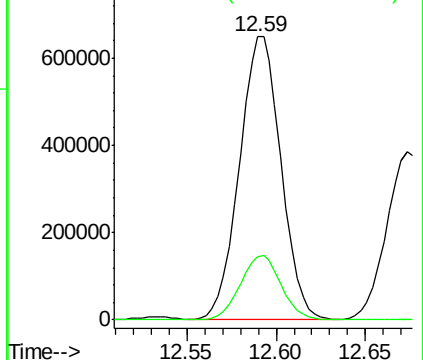
91 100

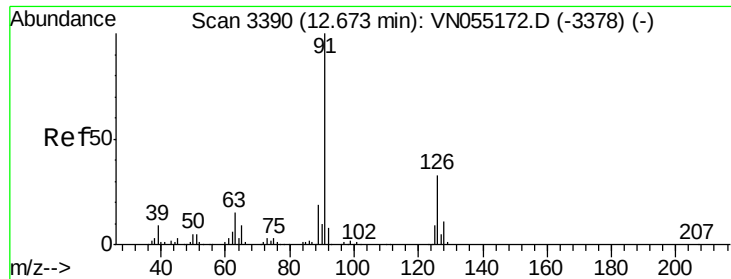
120 22.5 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.453 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

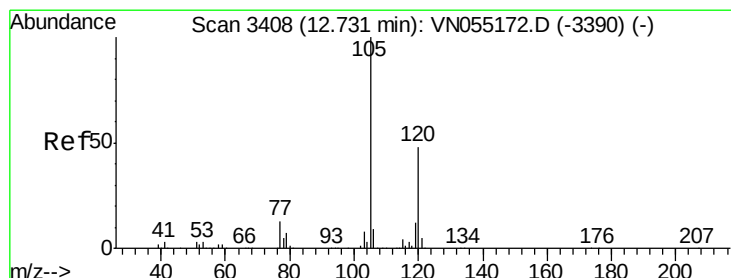
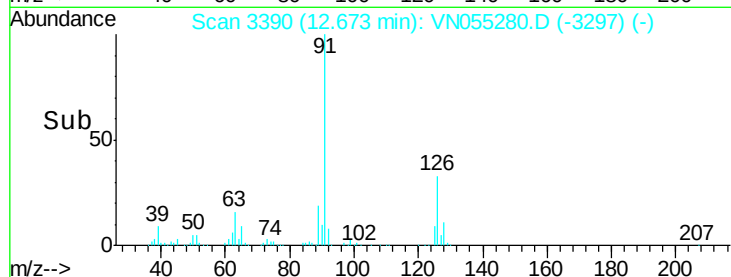
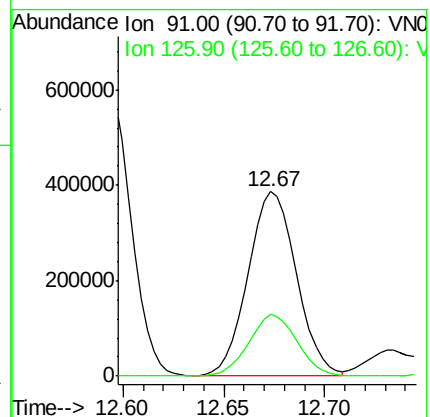
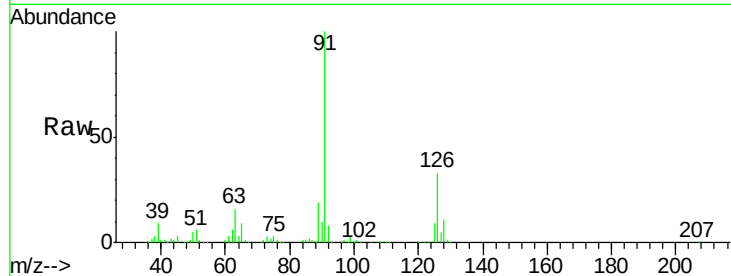
ClientSampled :

Tot Ion: 91 Resp: 647348

Ion Ratio Lower Upper

91 100

126 33.4 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 47.465 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055280.D

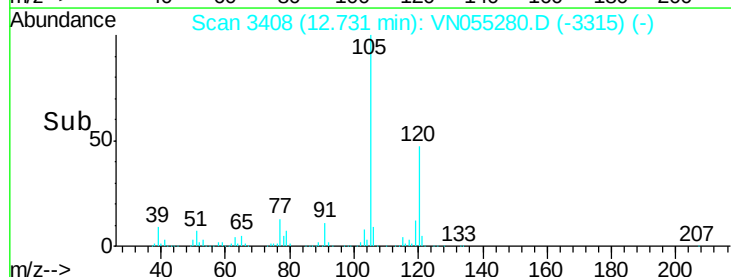
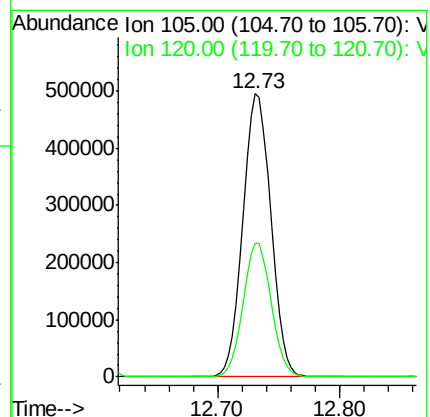
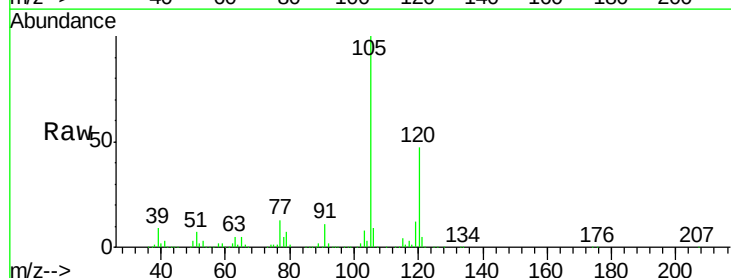
Acq: 26 Apr 2019 16:58

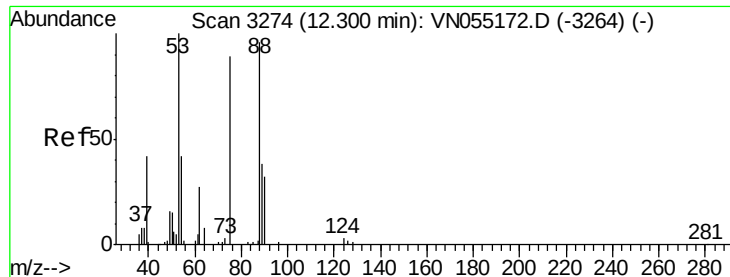
Tgt Ion:105 Resp: 781917

Ion Ratio Lower Upper

105 100

120 47.5 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 53.538 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

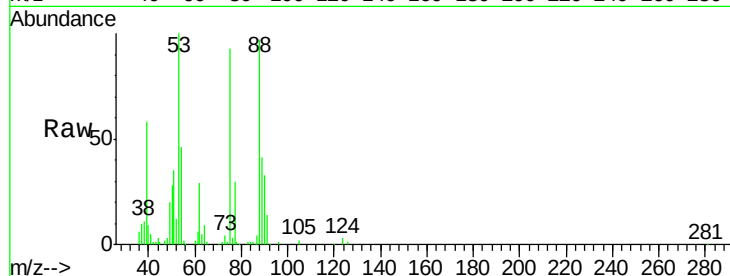
Tot Ion: 75 Resp: 63051

Ion Ratio Lower Upper

75 100

53 111.7 90.1 135.1

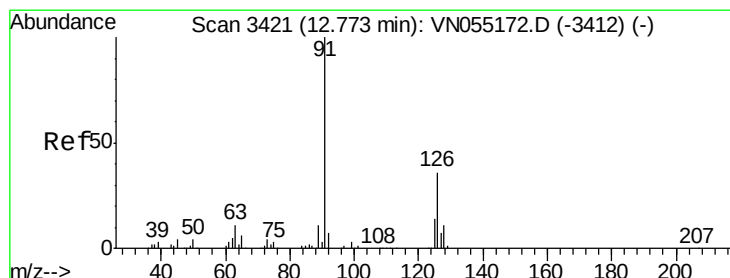
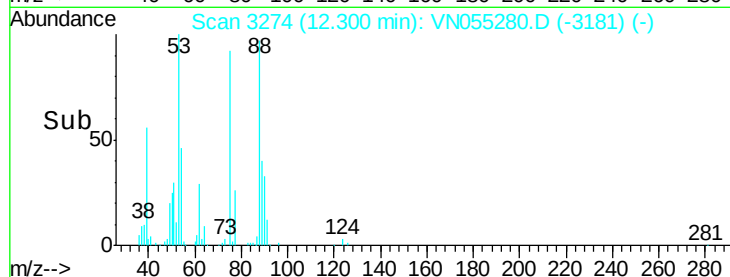
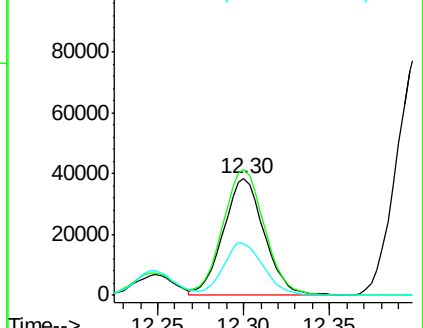
89 44.2 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.775 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055280.D

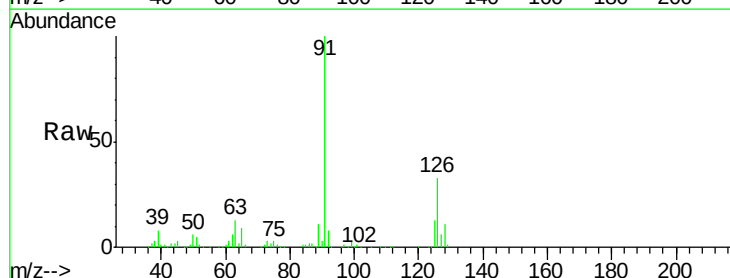
Acq: 26 Apr 2019 16:58

Tgt Ion: 91 Resp: 625359

Ion Ratio Lower Upper

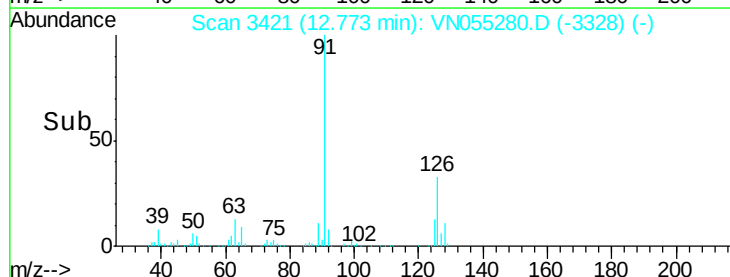
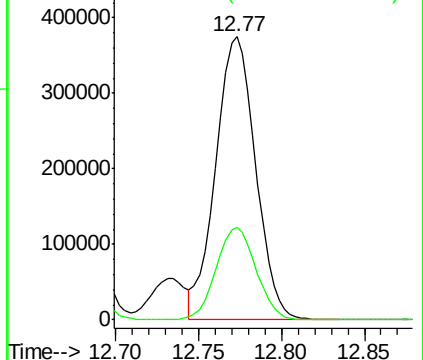
91 100

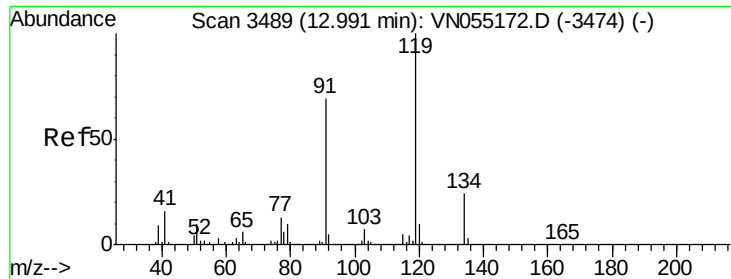
126 32.6 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

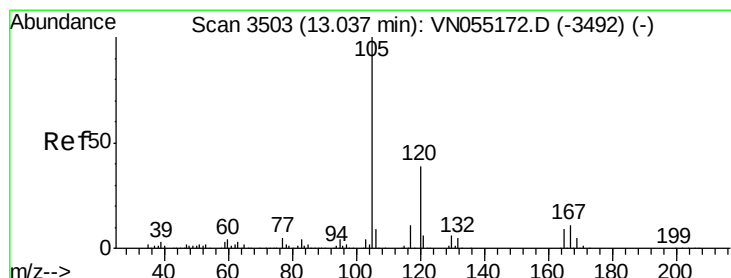
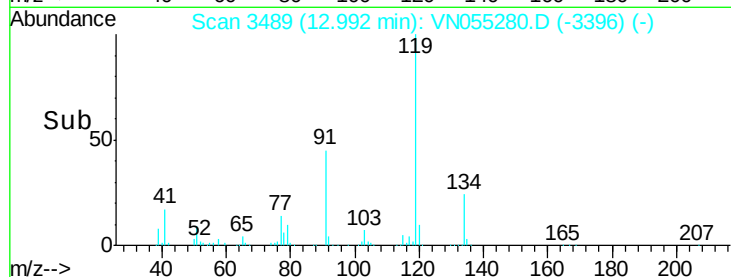
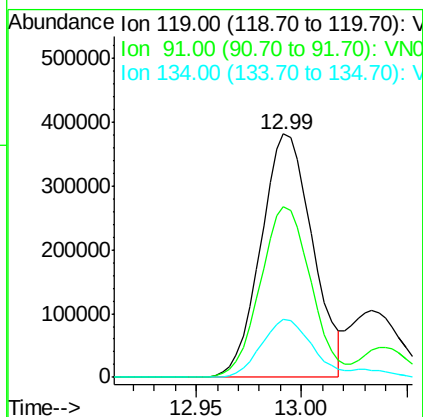
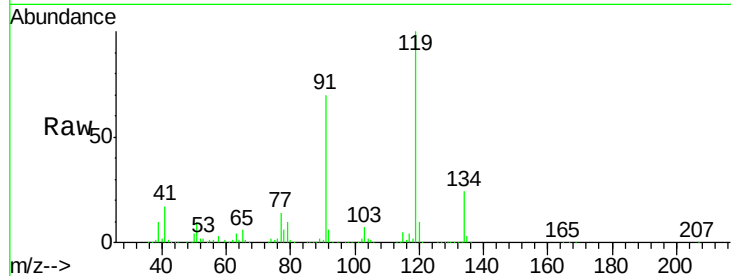




#83
 tert-Butylbenzene
 Concen: 52.575 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

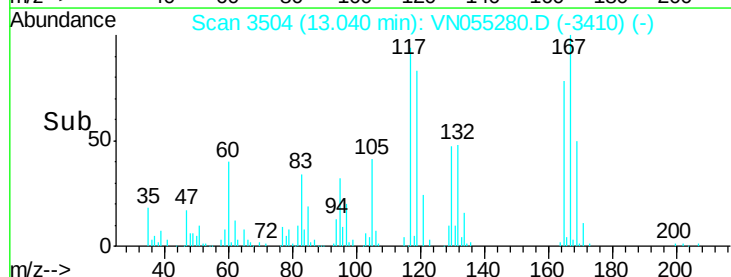
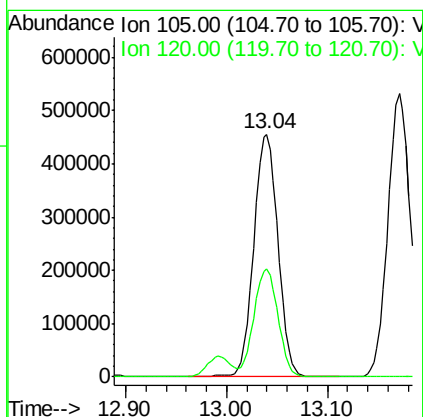
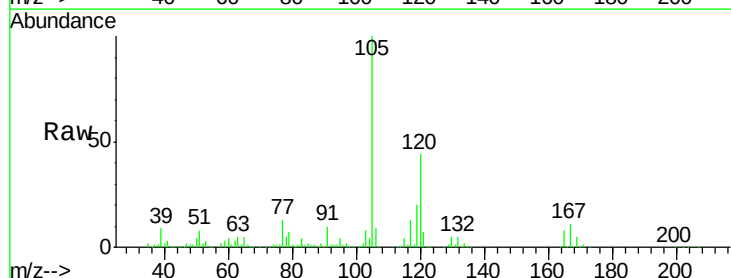
Instrument :
 MSVOA_N
 ClientSampled :

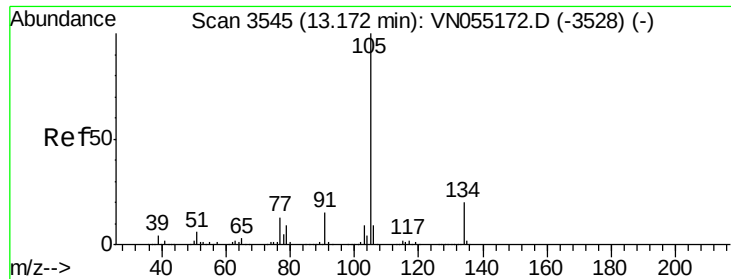
Tot Ion:119 Resp: 649381
 Ion Ratio Lower Upper
 119 100
 91 68.8 33.8 101.3
 134 23.7 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.292 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion:105 Resp: 750730
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 44.996 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

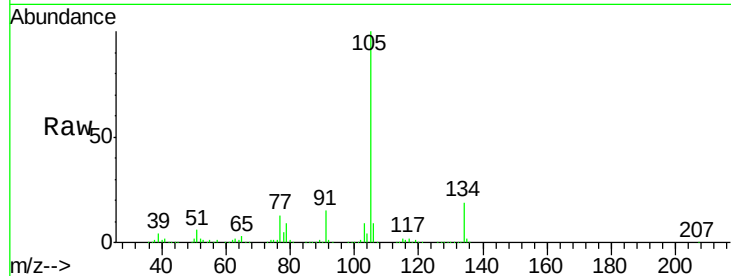
ClientSampled :

Tot Ion:105 Resp: 838581

Ion Ratio Lower Upper

105 100

134 19.6 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

600000

500000

400000

300000

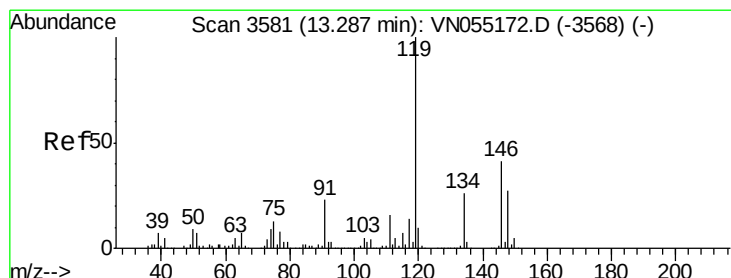
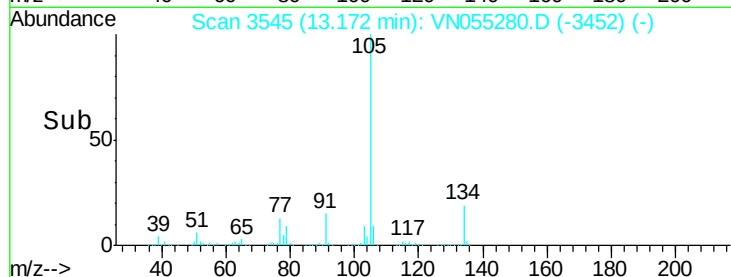
200000

100000

0

13.10 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 47.394 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

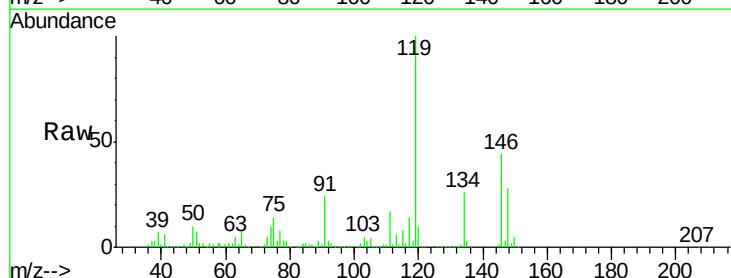
Tgt Ion:119 Resp: 727691

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

91 24.0 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

600000

500000

400000

300000

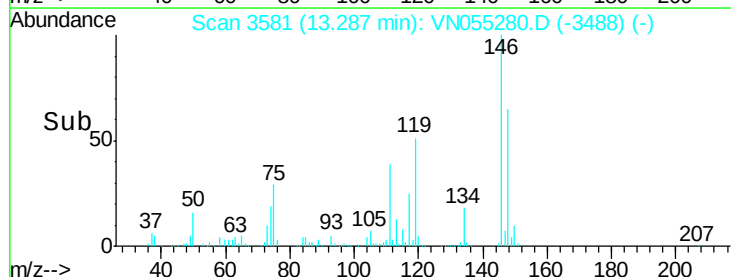
200000

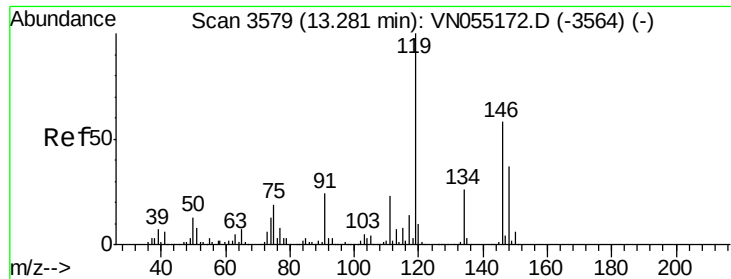
100000

0

13.20 13.25 13.30 13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 49.974 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

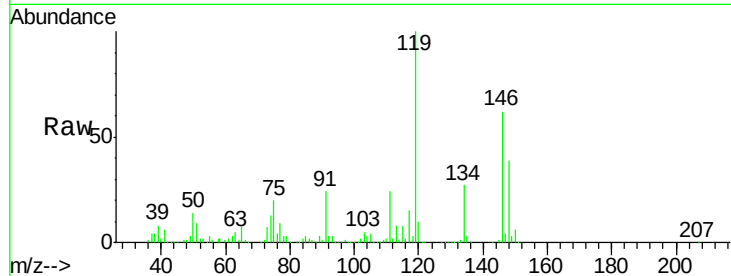
Tot Ion:146 Resp: 372688

Ion Ratio Lower Upper

146 100

111 38.9 19.7 59.1

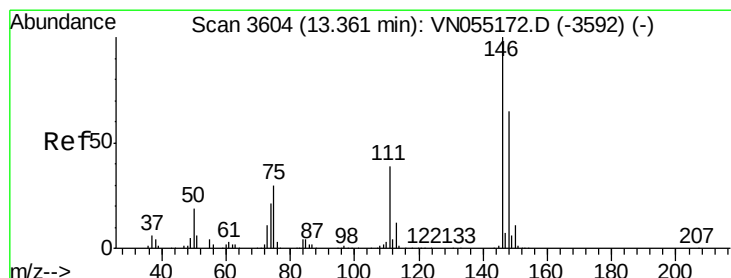
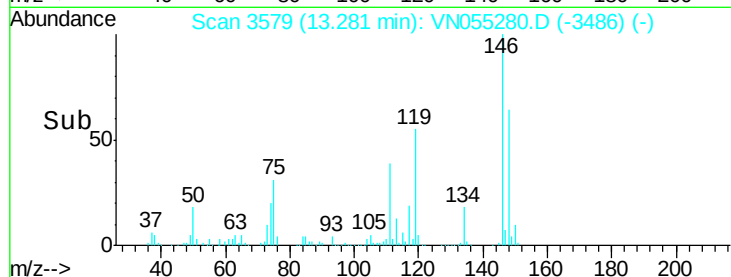
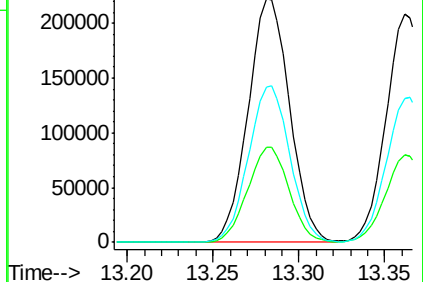
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.592 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

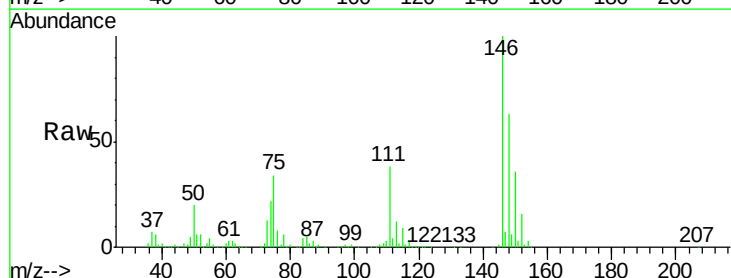
Tgt Ion:146 Resp: 352817

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

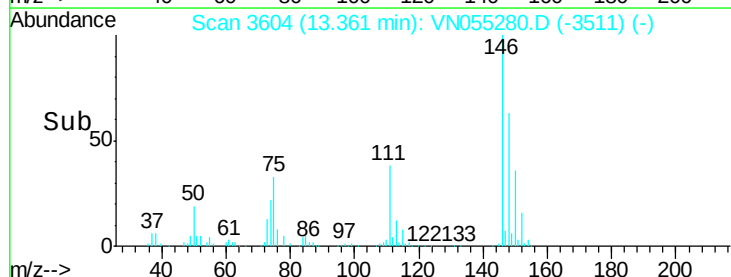
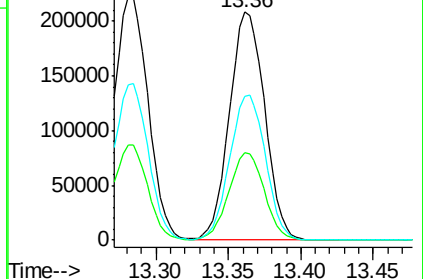
148 64.4 32.9 98.6

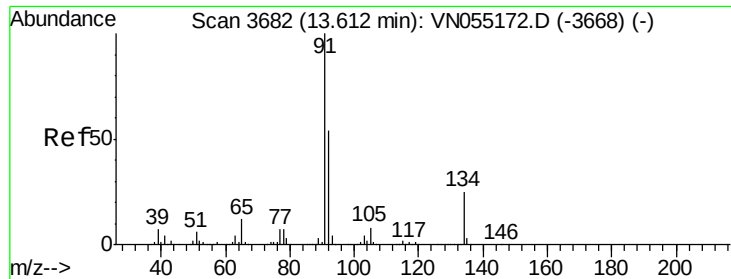


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 49.000 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

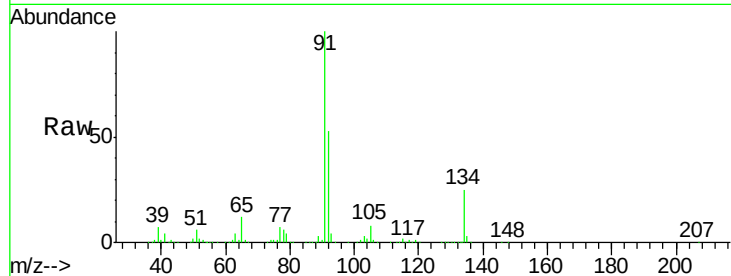
Tot Ion: 91 Resp: 557657

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

134 24.6 12.8 38.4

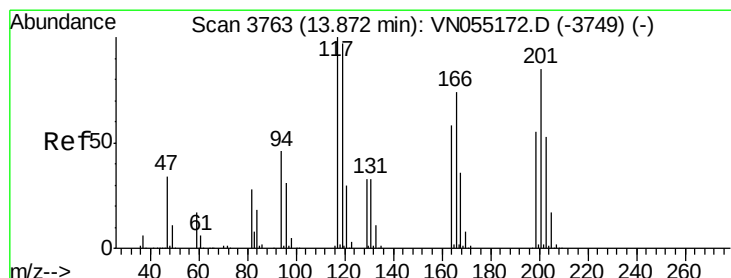
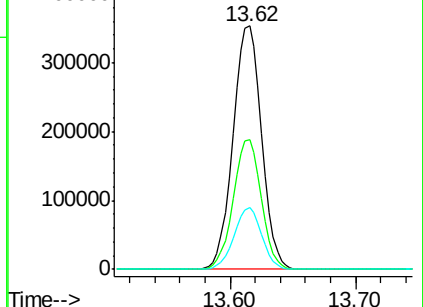
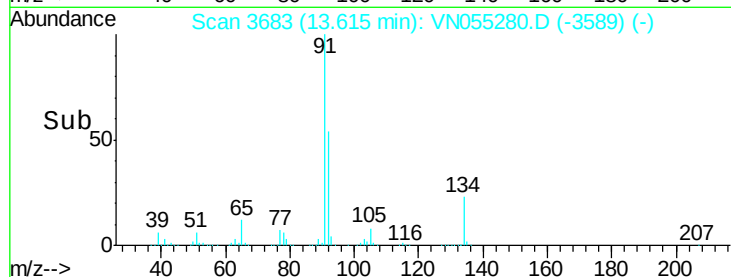


Abundance Ion 91.00 (90.70 to 91.70): VN055280.D (-3682) (-)

Ion 92.00 (91.70 to 92.70): VN055280.D (-3682) (-)

Ion 134.00 (133.70 to 134.70): VN055280.D (-3682) (-)

Time-->



#90

Hexachloroethane

Concen: 45.478 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055280.D

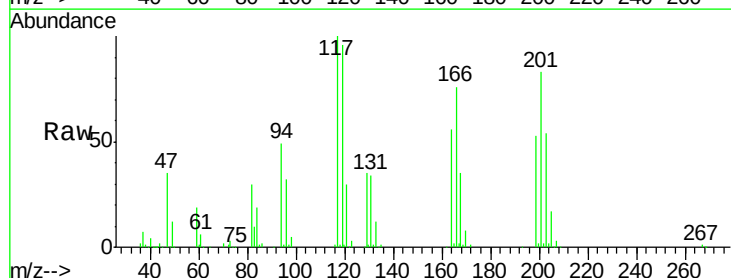
Acq: 26 Apr 2019 16:58

Tgt Ion: 117 Resp: 123840

Ion Ratio Lower Upper

117 100

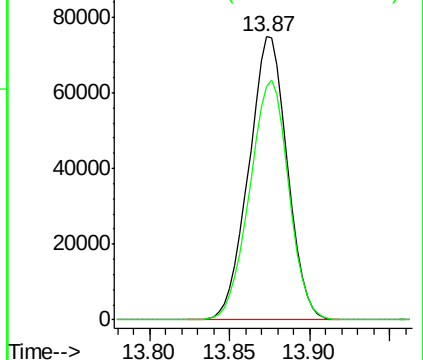
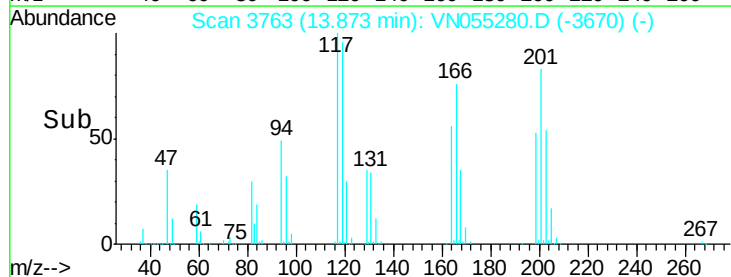
201 85.9 43.1 129.4

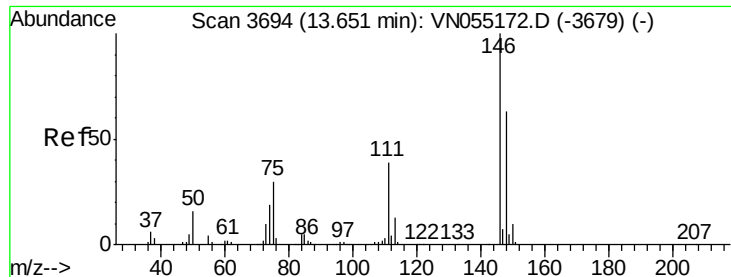


Abundance Ion 116.80 (116.50 to 117.50): VN055280.D (-3763) (-)

Ion 200.70 (200.40 to 201.40): VN055280.D (-3763) (-)

Time-->

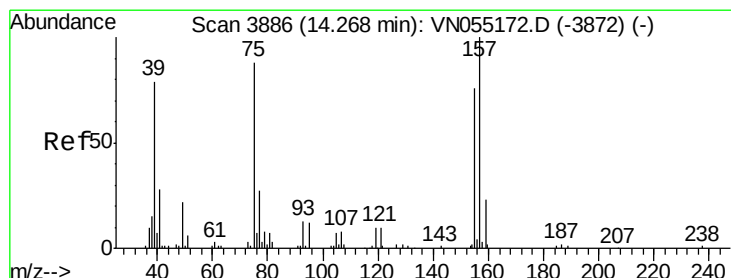
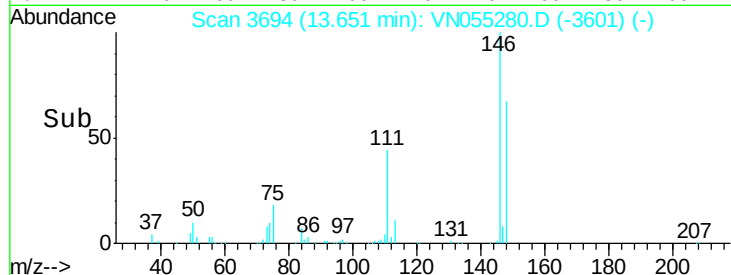
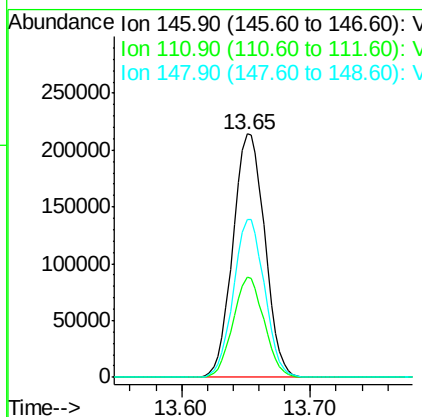
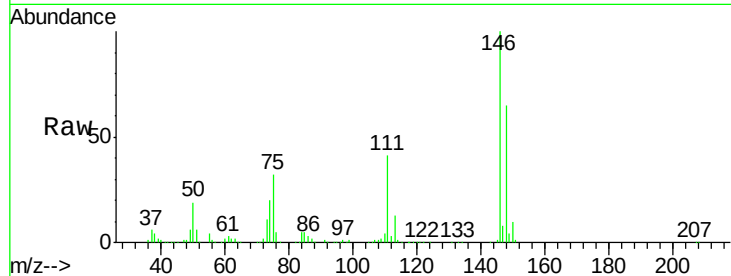




#91
 1,2-Dichlorobenzene
 Concen: 48.051 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

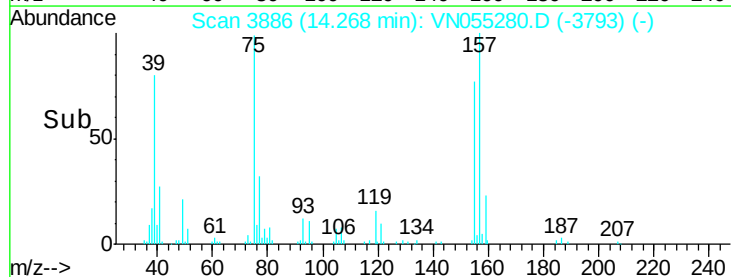
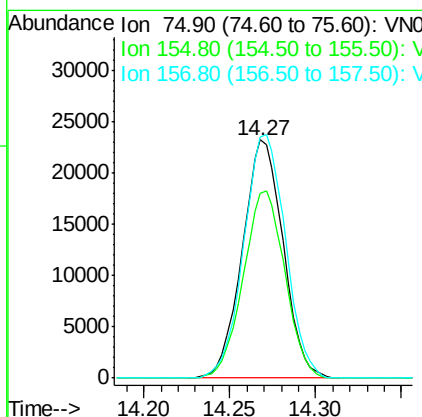
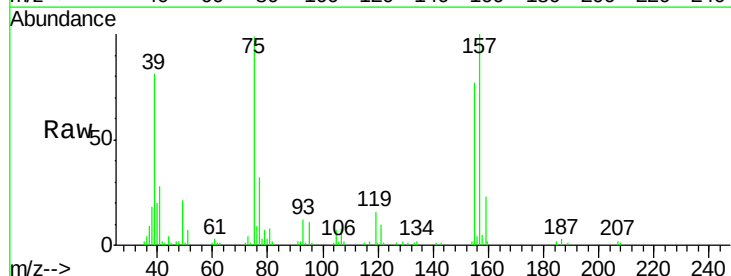
Instrument :
 MSVOA_N
 ClientSampled :

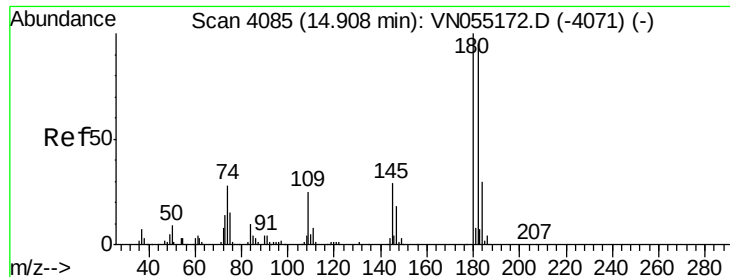
Tot Ion:146 Resp: 368070
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.8 59.3
 148 63.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.967 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055280.D
 Acq: 26 Apr 2019 16:58

Tgt Ion: 75 Resp: 38067
 Ion Ratio Lower Upper
 75 100
 155 80.2 43.0 129.0
 157 104.8 55.7 167.1





#93

1,2,4-Trichlorobenzene

Concen: 42.358 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampleId :

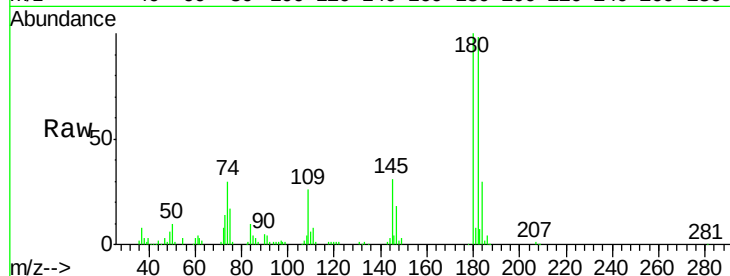
Tot Ion:180 Resp: 135641

Ion Ratio Lower Upper

180 100

182 98.4 47.8 143.4

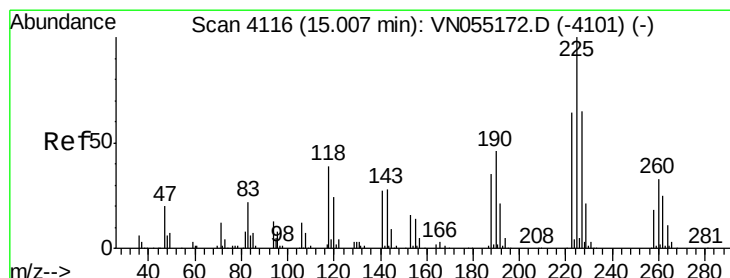
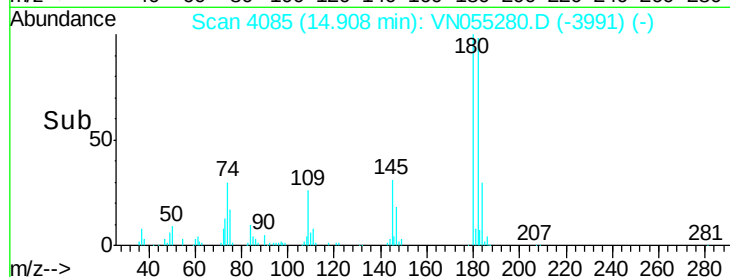
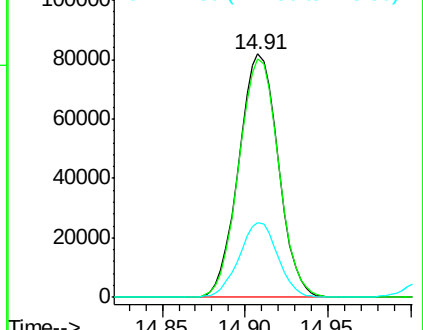
145 30.2 14.5 43.5



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: 52.251 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

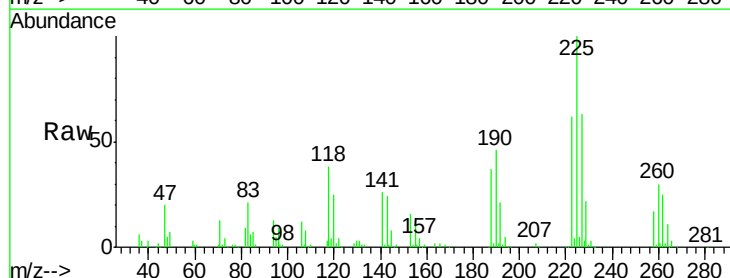
Tgt Ion:225 Resp: 116276

Ion Ratio Lower Upper

225 100

223 62.7 32.2 96.6

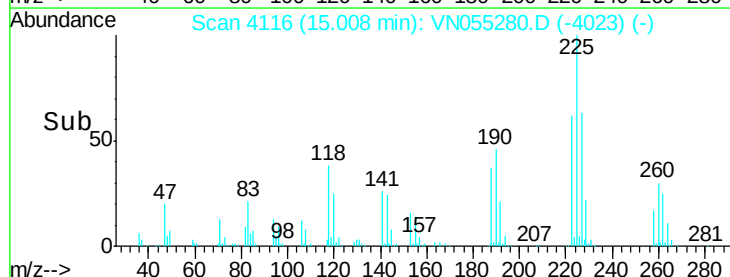
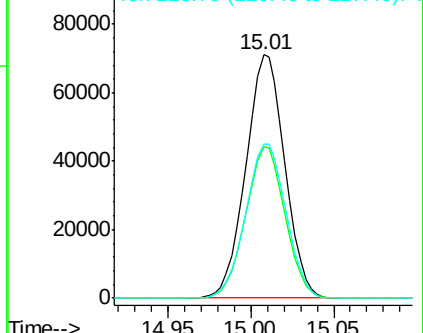
227 65.7 32.6 98.0

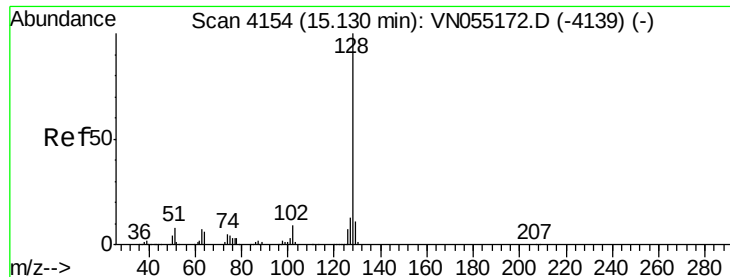


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 44.117 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

Instrument :

MSVOA_N

ClientSampled :

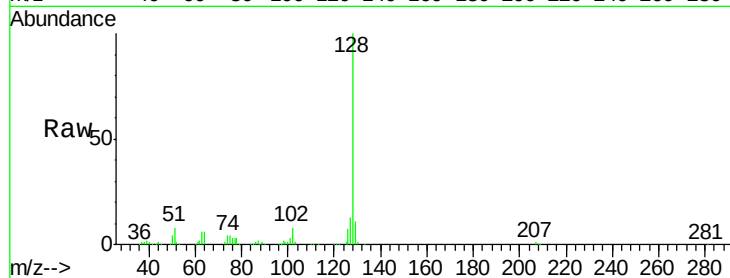
Tot Ion:128 Resp: 309065

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

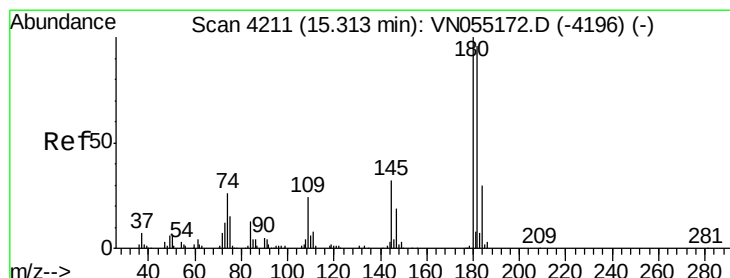
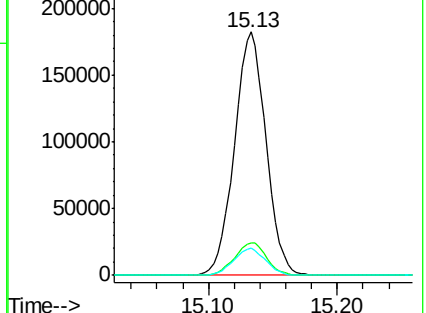
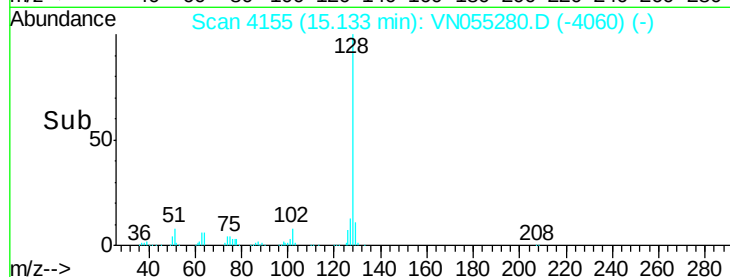
129 11.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.995 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055280.D

Acq: 26 Apr 2019 16:58

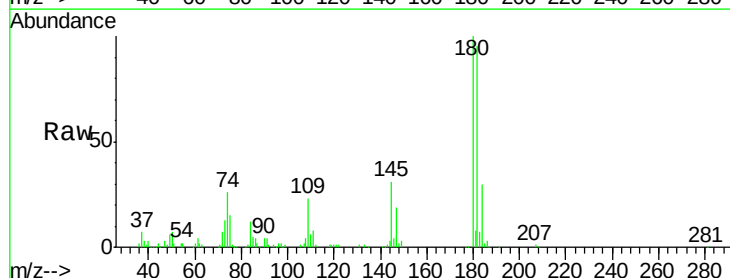
Tgt Ion:180 Resp: 147255

Ion Ratio Lower Upper

180 100

182 94.7 47.2 141.6

145 30.9 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

