

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056127.D
 Acq On : 8 Jun 2019 3:16
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 08 05:17:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	292943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	426422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	392667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175570	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	149713	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
35) Dibromofluoromethane	7.59	113	133246	50.93	ug/l	0.00
Spiked Amount			Recovery	=	101.86%	
50) Toluene-d8	10.09	98	514907	51.15	ug/l	0.00
Spiked Amount			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.40	95	177489	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	153965	47.856	ug/l	99
3) Chloromethane	2.06	50	165672	52.172	ug/l	100
4) Vinyl Chloride	2.18	62	165669	52.010	ug/l	99
5) Bromomethane	2.53	94	98292	48.849	ug/l	99
6) Chloroethane	2.68	64	92627	50.154	ug/l	99
7) Trichlorofluoromethane	3.00	101	197221	48.500	ug/l	99
8) Diethyl Ether	3.40	74	81001	48.438	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	123858	50.141	ug/l	99
10) Methyl Iodide	3.94	142	191569	48.801	ug/l	99
11) Tert butyl alcohol	4.82	59	129427	255.697	ug/l	100
12) 1,1-Dichloroethene	3.72	96	123575	50.250	ug/l	97
13) Acrolein	3.60	56	40173	275.187	ug/l	98
14) Allyl chloride	4.31	41	188734	48.602	ug/l	98
15) Acrylonitrile	4.99	53	359112	291.447	ug/l	99
16) Acetone	3.82	43	285425	205.175	ug/l	100
17) Carbon Disulfide	4.04	76	257342	43.704	ug/l	99
18) Methyl Acetate	4.33	43	161171	59.086	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	404217	51.566	ug/l	98
20) Methylene Chloride	4.54	84	147109	51.328	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	133214	50.557	ug/l	98
22) Diisopropyl ether	5.95	45	417299	51.986	ug/l	99
23) Vinyl Acetate	5.90	43	1672466	264.570	ug/l	100
24) 1,1-Dichloroethane	5.84	63	237120	51.210	ug/l	99
25) 2-Butanone	6.84	43	462104	262.910	ug/l	99
26) 2,2-Dichloropropane	6.82	77	117791	32.600	ug/l	95
27) cis-1,2-Dichloroethene	6.83	96	156909	50.660	ug/l	95
28) Bromochloromethane	7.19	49	116098	53.020	ug/l	99
29) Tetrahydrofuran	7.22	42	305992	281.638	ug/l	100
30) Chloroform	7.37	83	242133	51.982	ug/l	100
31) Cyclohexane	7.65	56	215215	46.629	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	197342	50.734	ug/l	99
36) 1,1-Dichloropropene	7.79	75	178322	48.634	ug/l	99
37) Ethyl Acetate	6.93	43	183324	56.193	ug/l	99
38) Carbon Tetrachloride	7.77	117	162282	48.006	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	213173	46.671	ug/l	98
40) Benzene	8.04	78	566103	50.834	ug/l	99
41) Methacrylonitrile	7.18	41	81207	54.101	ug/l	90
42) 1,2-Dichloroethane	8.12	62	179028	49.977	ug/l	99
43) Isopropyl Acetate	8.17	43	281787	53.302	ug/l #	92
44) Trichloroethene	8.83	130	166465	52.020	ug/l	97
45) 1,2-Dichloropropane	9.12	63	148803	52.166	ug/l	99
46) Dibromomethane	9.21	93	97345	52.187	ug/l	100
47) Bromodichloromethane	9.40	83	172177	50.929	ug/l	99
48) Methyl methacrylate	9.20	41	143846	55.617	ug/l	97
49) 1,4-Dioxane	9.20	88	61445	1100.439	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	931767	281.841	ug/l	99
52) Toluene	10.16	92	354884	51.212	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	172529	43.838	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	203116	49.983	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	146462	53.356	ug/l	99
56) Ethyl methacrylate	10.43	69	216853	54.151	ug/l	99
57) 1,3-Dichloropropane	10.71	76	238783	53.511	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	402089	253.048	ug/l	100
59) 2-Hexanone	10.75	43	652171	272.178	ug/l	99
60) Dibromochloromethane	10.90	129	141877	47.017	ug/l	98
61) 1,2-Dibromoethane	11.01	107	152806	54.453	ug/l	99
64) Tetrachloroethene	10.63	164	170745	50.234	ug/l	98
65) Chlorobenzene	11.43	112	386906	49.509	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	138315	51.259	ug/l	100
67) Ethyl Benzene	11.51	91	665819	48.998	ug/l	98
68) m/p-Xylenes	11.62	106	517705	99.730	ug/l	99
69) o-Xylene	11.95	106	254162	49.775	ug/l	99
70) Styrene	11.96	104	424107	52.274	ug/l	100
71) Bromoform	12.13	173	101092	44.918	ug/l #	100
73) Isopropylbenzene	12.25	105	667774	53.530	ug/l	100
74) N-amyl acetate	12.07	43	239443	51.162	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	202934	49.791	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	230753	71.428	ug/l #	100
77) Bromobenzene	12.53	156	181206	48.207	ug/l	97
78) n-propylbenzene	12.59	91	712877	47.995	ug/l	100
79) 2-Chlorotoluene	12.67	91	437928	53.310	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	550988	46.676	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	42087	43.385	ug/l	88
82) 4-Chlorotoluene	12.77	91	421031	48.452	ug/l	100
83) tert-Butylbenzene	12.99	119	490064	53.708	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	537188	47.987	ug/l	99
85) sec-Butylbenzene	13.17	105	625165	47.527	ug/l	100
86) p-Isopropyltoluene	13.29	119	560016	47.571	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	287477	49.414	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	273819	48.928	ug/l	99
89) n-Butylbenzene	13.61	91	414484	47.529	ug/l	99
90) Hexachloroethane	13.87	117	83247	46.891	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	285025	48.526	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30987	53.155	ug/l	98

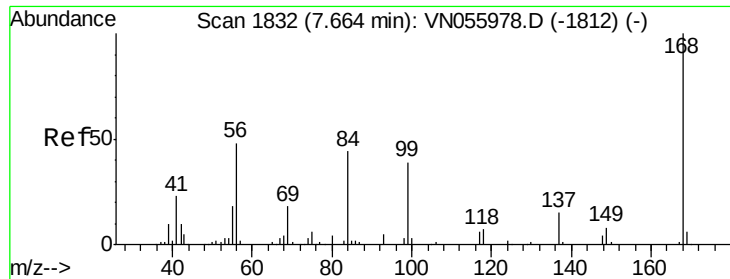
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	133417	41.969	ug/l	100
94) Hexachlorobutadiene	15.01	225	101107	50.197	ug/l	99
95) Naphthalene	15.13	128	366054	44.084	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	148237	45.246	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

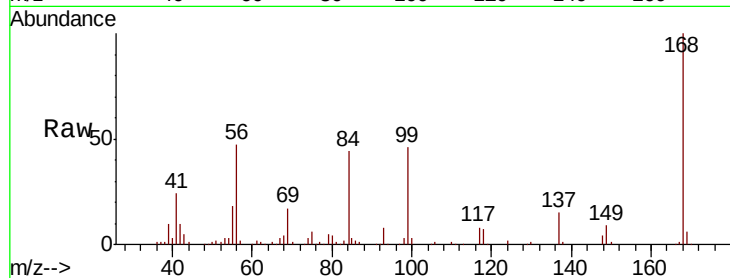
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 292943

Ion Ratio Lower Upper

168 100

99 45.5 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

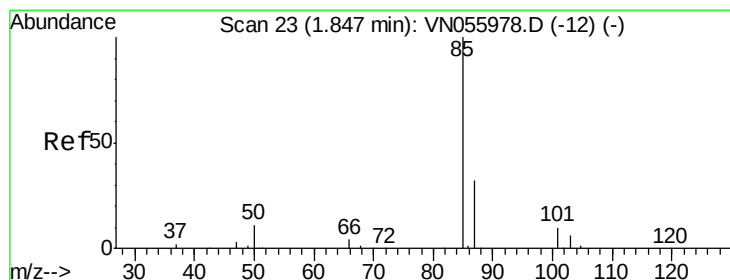
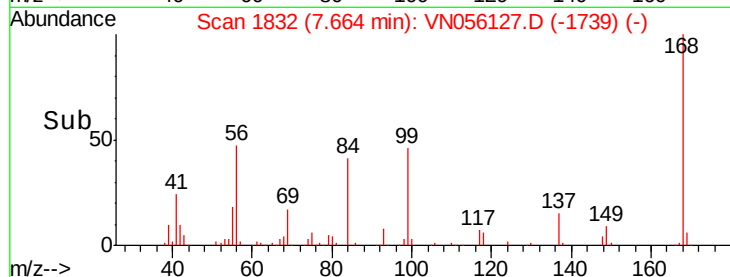
7.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.856 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056127.D

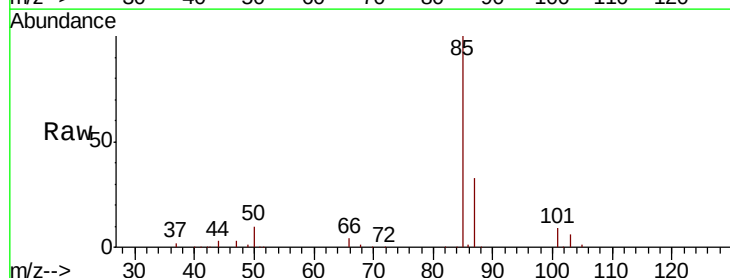
Acq: 8 Jun 2019 3:16

Tgt Ion: 85 Resp: 153965

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

100000

80000

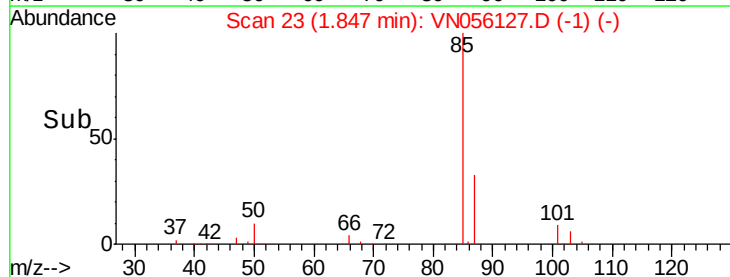
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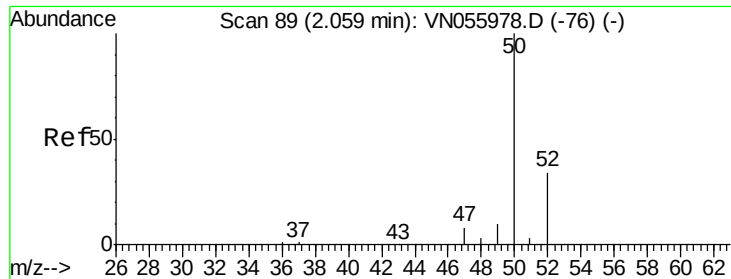
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20000

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Time-->

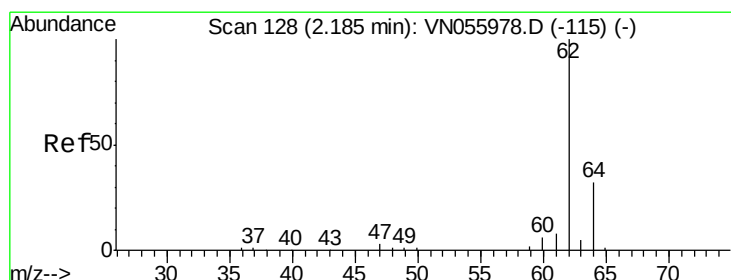
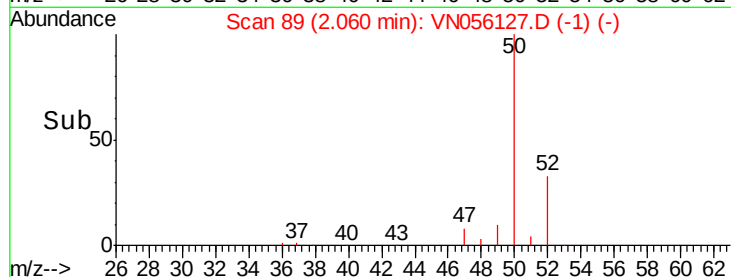
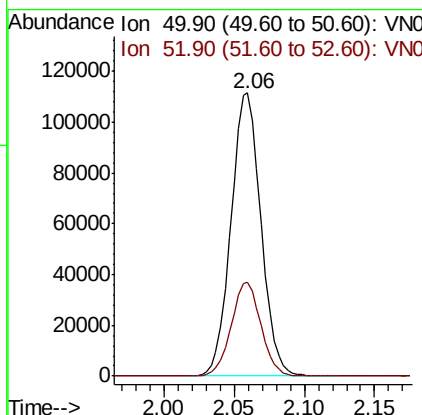
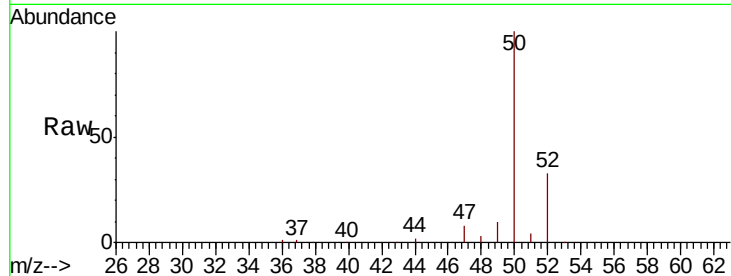




#3
Chloromethane
Concen: 52.172 ug/l
RT: 2.06 min Scan# 89
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

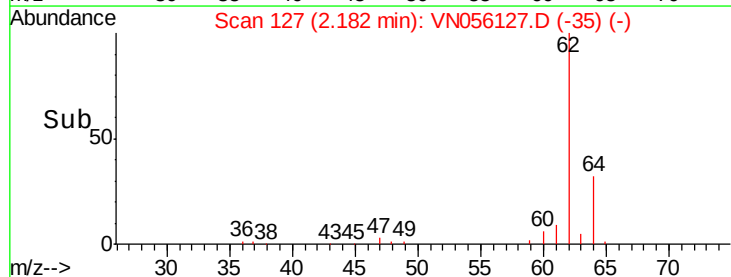
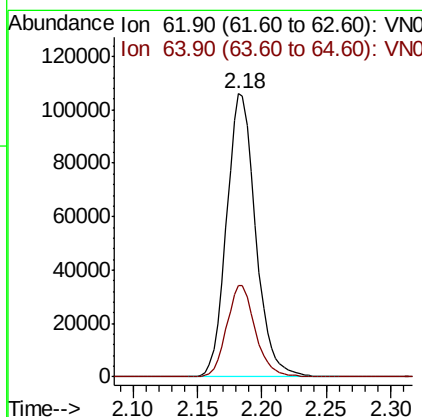
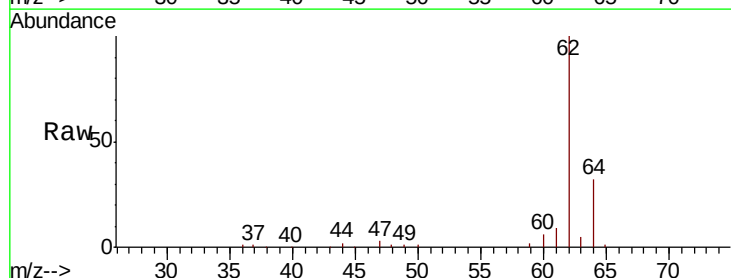
Instrument :
MSVOA_N
ClientSampleId :

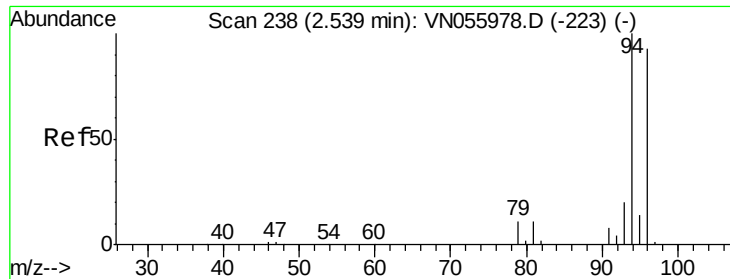
Tot Ion: 50 Resp: 165672
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0



#4
Vinyl Chloride
Concen: 52.010 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion: 62 Resp: 165669
Ion Ratio Lower Upper
62 100
64 32.4 25.6 38.4

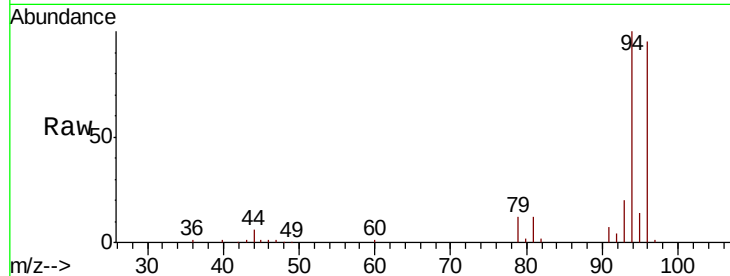




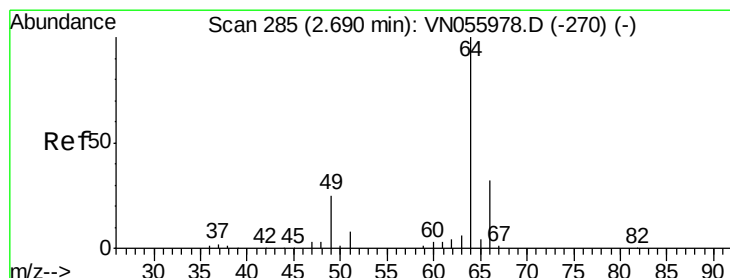
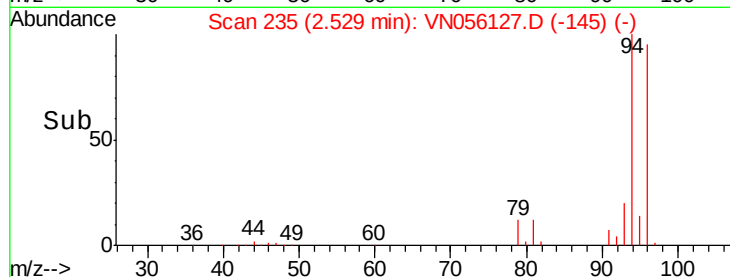
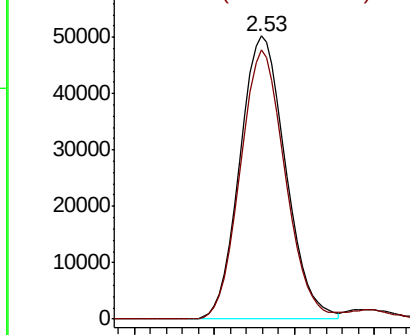
#5
Bromomethane
Concen: 48.849 ug/l
RT: 2.53 min Scan# 235
Delta R.T. -0.01 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 98292
Ion Ratio Lower Upper
94 100
96 95.2 75.5 113.3

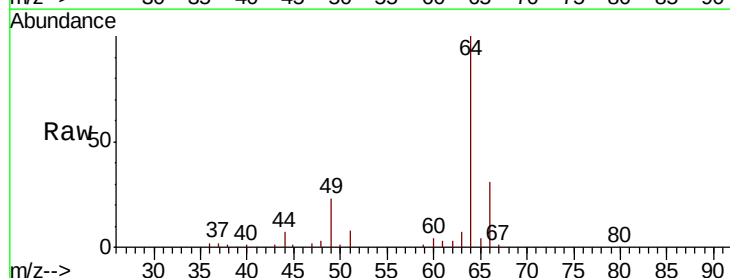


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

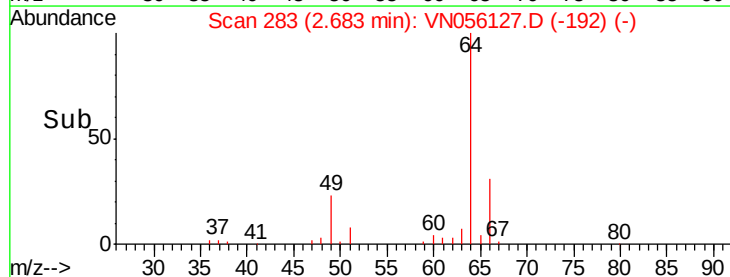
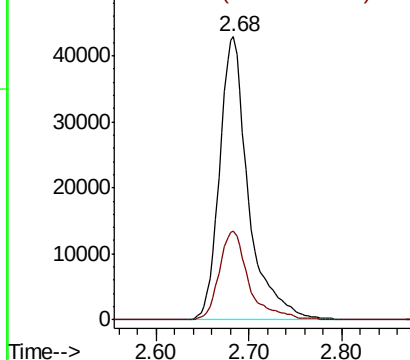


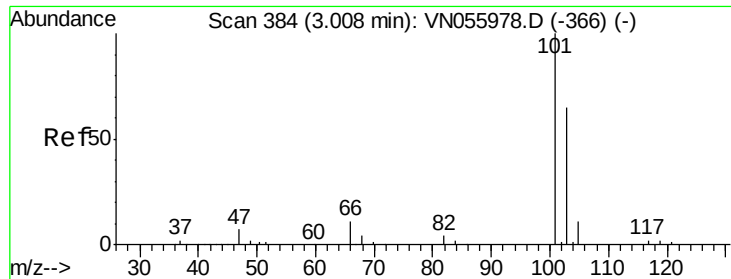
#6
Chloroethane
Concen: 50.154 ug/l
RT: 2.68 min Scan# 283
Delta R.T. -0.01 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion: 64 Resp: 92627
Ion Ratio Lower Upper
64 100
66 31.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



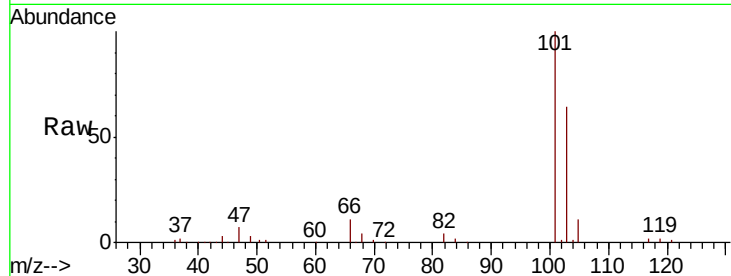


#7

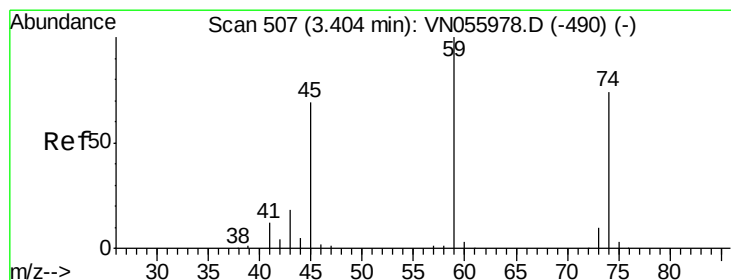
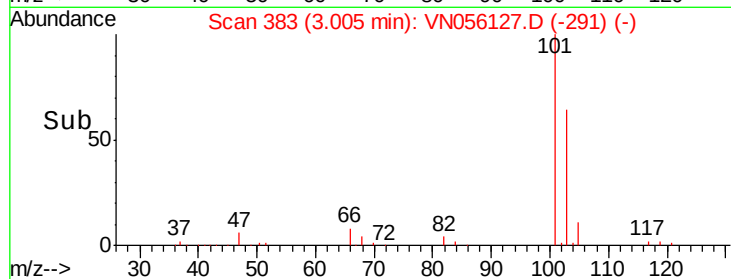
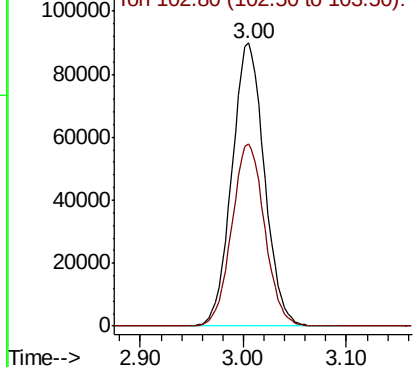
Trichlorofluoromethane
Concen: 48.500 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 197221
Ion Ratio Lower Upper
101 100
103 64.5 51.2 76.8



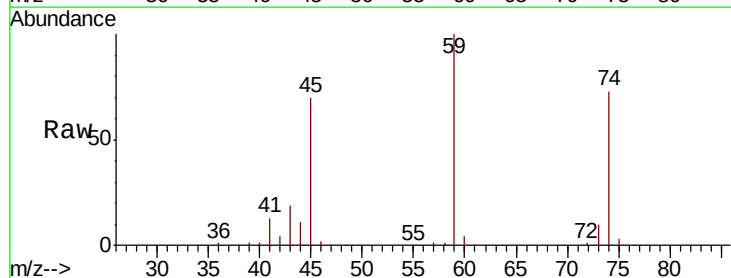
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



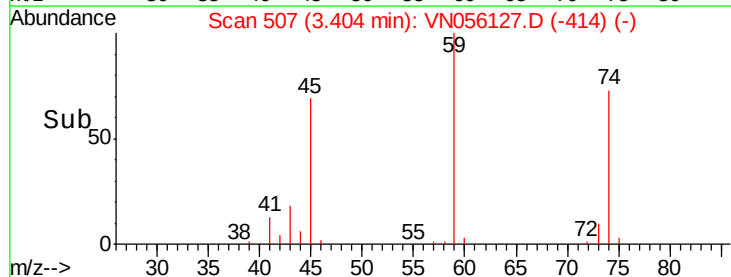
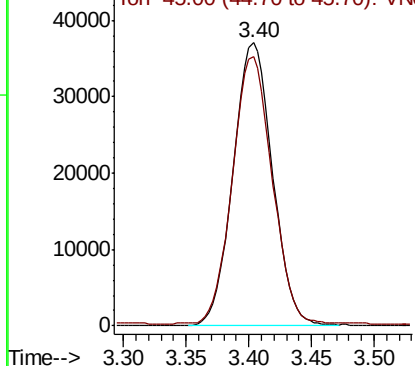
#8

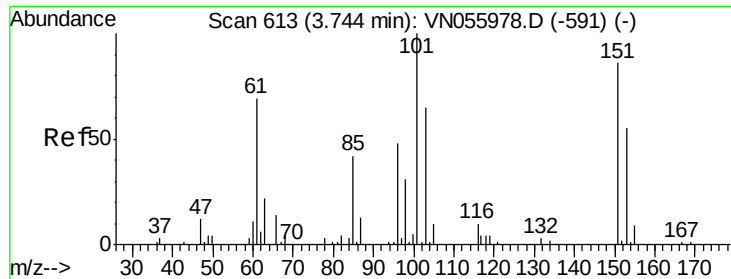
Diethyl Ether
Concen: 48.438 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion: 74 Resp: 81001
Ion Ratio Lower Upper
74 100
45 94.4 48.6 145.9



Abundance Ion 74.00 (73.70 to 74.70): V
Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.141 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampleId :

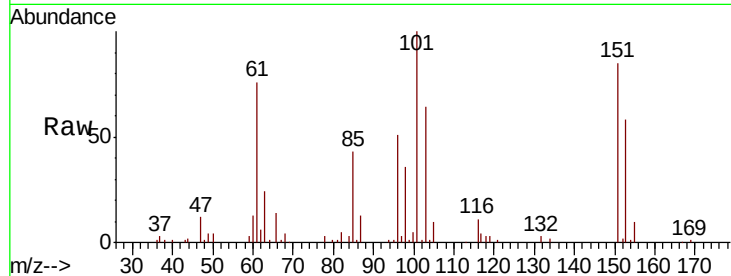
Tot Ion:101 Resp: 123858

Ion Ratio Lower Upper

101 100

85 41.7 33.4 50.2

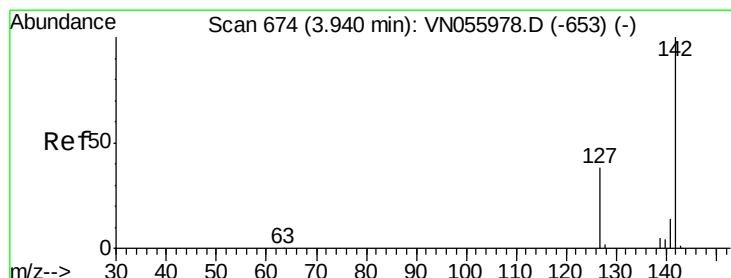
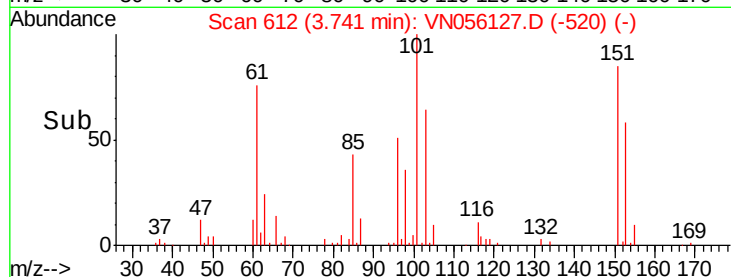
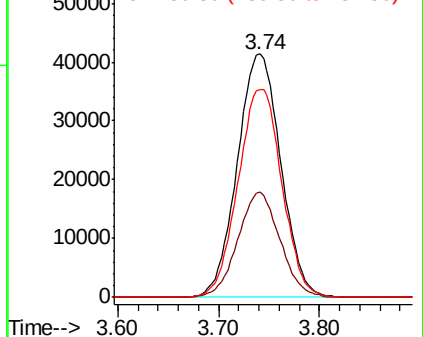
151 86.1 69.4 104.2



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: 48.801 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

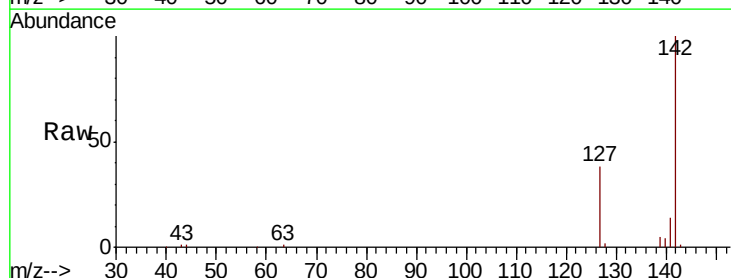
Tgt Ion:142 Resp: 191569

Ion Ratio Lower Upper

142 100

127 38.0 31.0 46.4

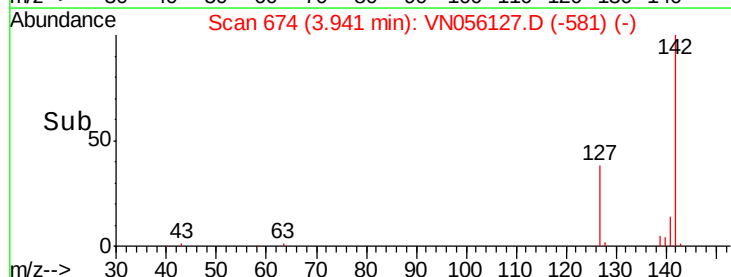
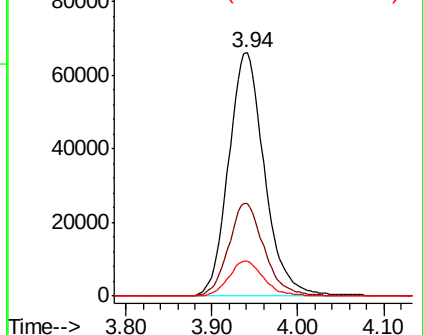
141 14.2 11.4 17.0

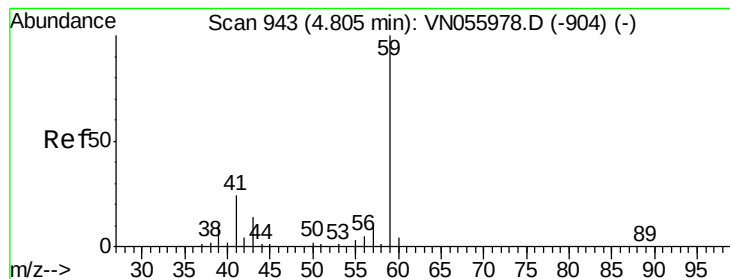


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



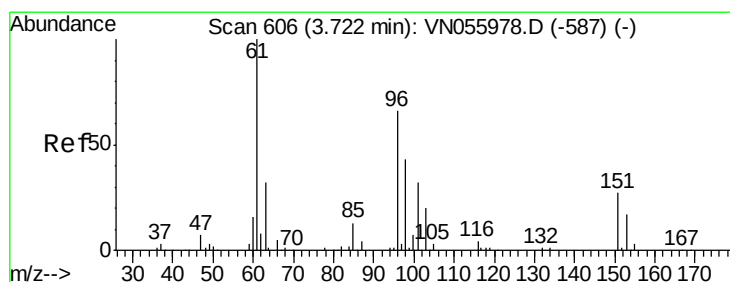
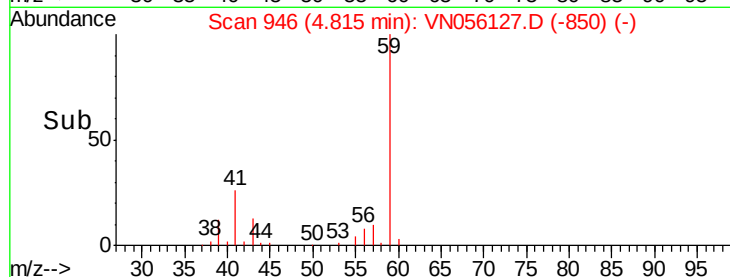
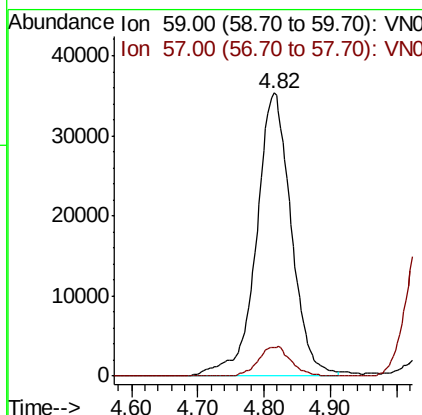
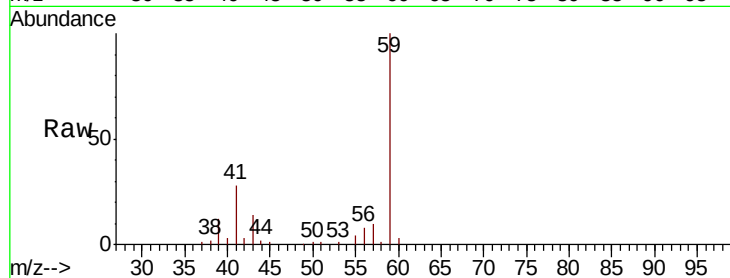


#11

Tert butyl alcohol
 Concen: 255.697 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

Instrument :
 MSVOA_N
 ClientSampleId :

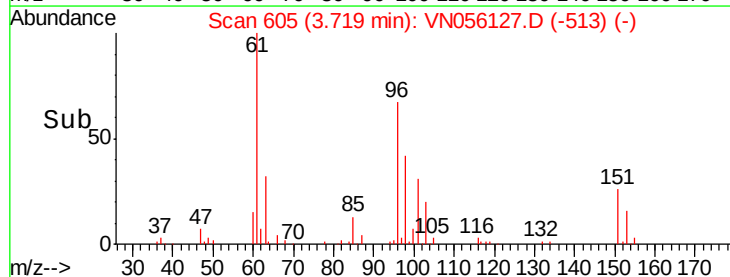
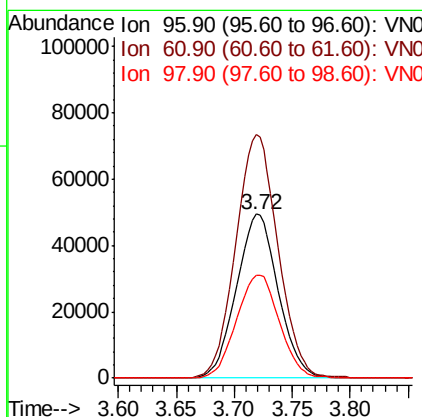
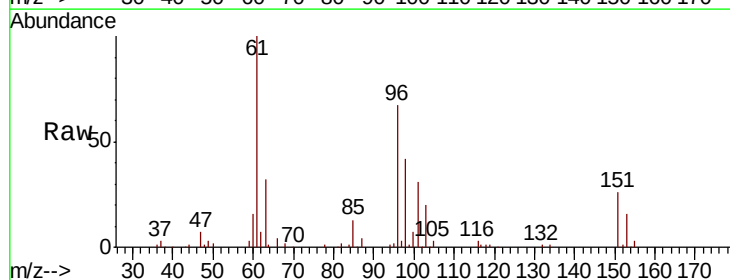
Tot Ion: 59 Resp: 129427
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.6

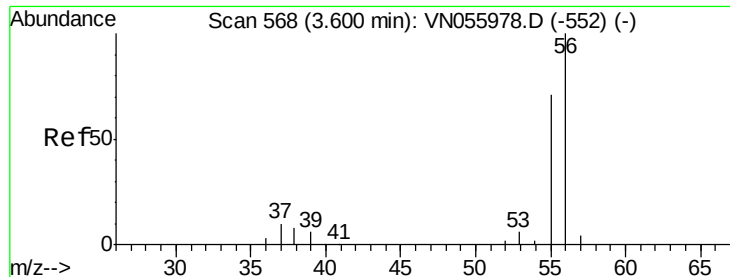


#12

1,1-Dichloroethene
 Concen: 50.250 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

Tgt Ion: 96 Resp: 123575
 Ion Ratio Lower Upper
 96 100
 61 148.7 123.2 184.8
 98 62.8 50.4 75.6





#13

Acrolein

Concen: 275.187 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

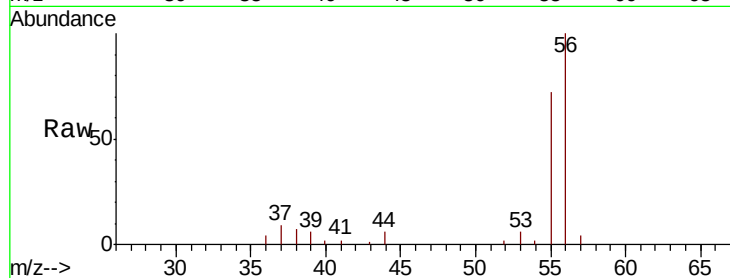
ClientSampled :

Tot Ion: 56 Resp: 40173

Ion Ratio Lower Upper

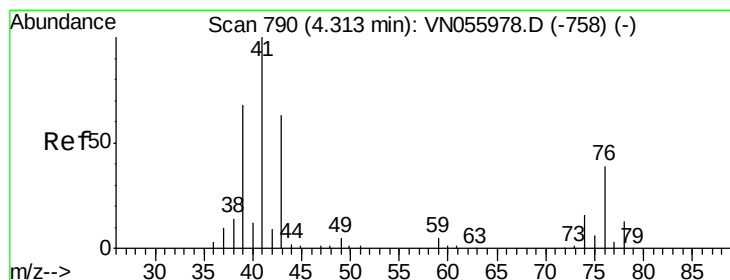
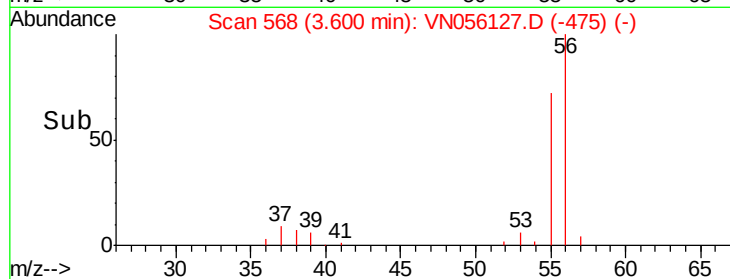
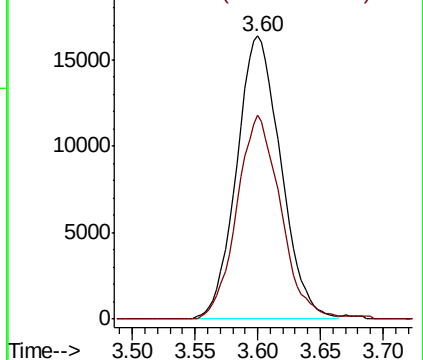
56 100

55 71.2 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.602 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

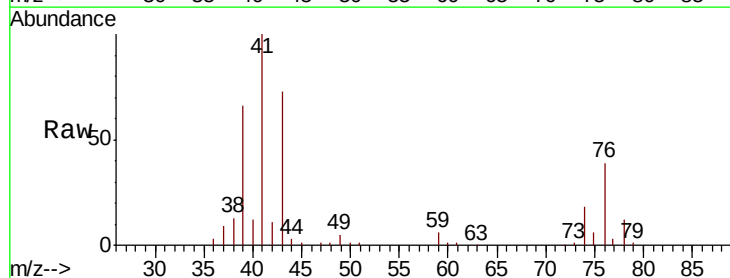
Tgt Ion: 41 Resp: 188734

Ion Ratio Lower Upper

41 100

39 60.9 50.0 75.0

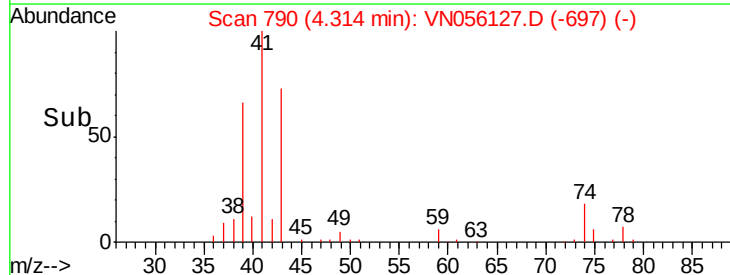
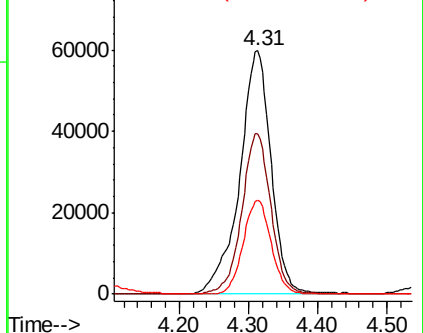
76 34.1 28.2 42.2

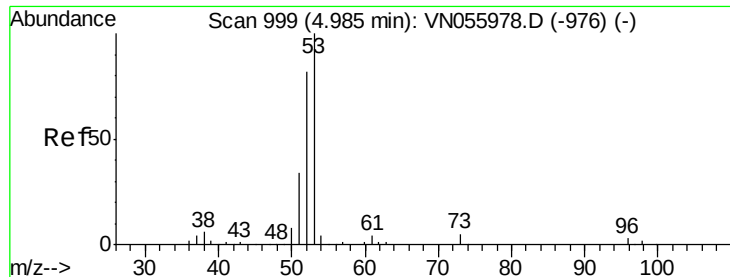


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 291.447 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampled :

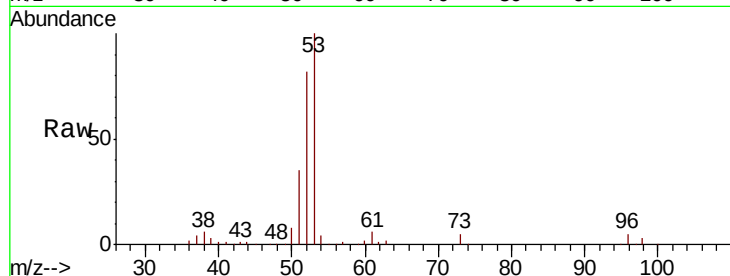
Tot Ion: 53 Resp: 359112

Ion Ratio Lower Upper

53 100

52 80.8 65.8 98.8

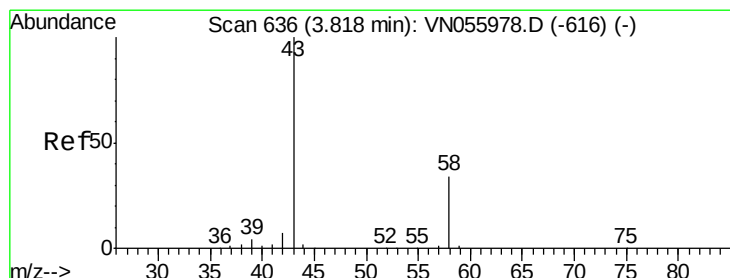
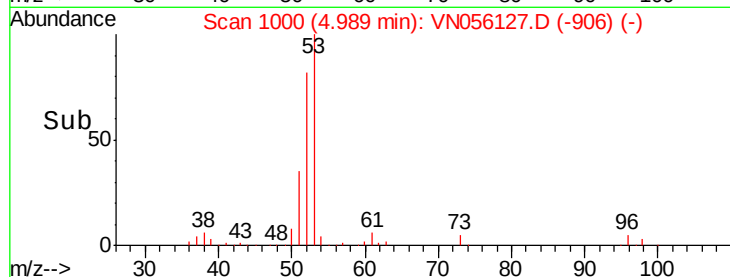
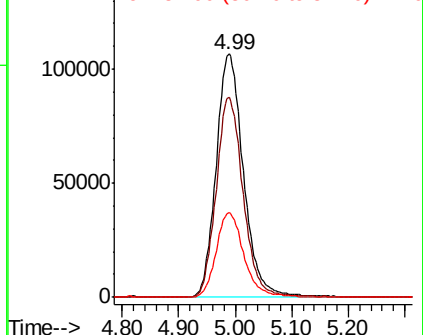
51 35.3 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 205.175 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056127.D

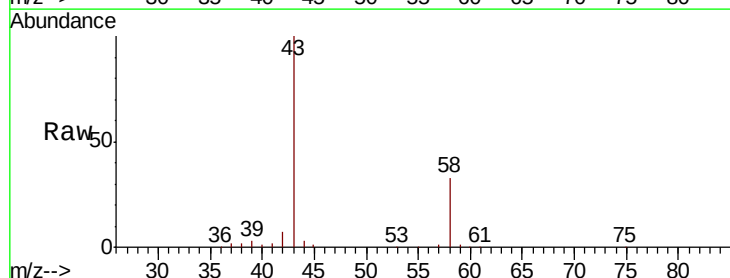
Acq: 8 Jun 2019 3:16

Tgt Ion: 43 Resp: 285425

Ion Ratio Lower Upper

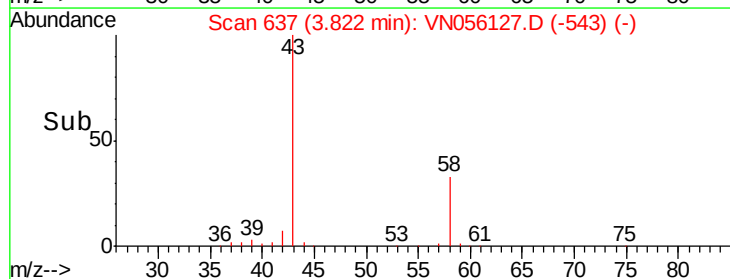
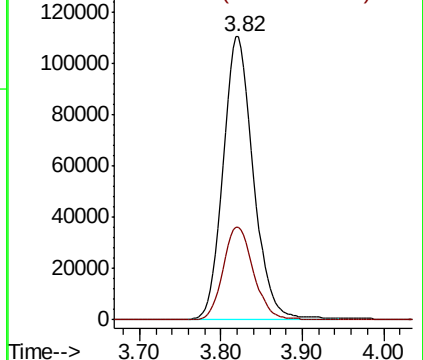
43 100

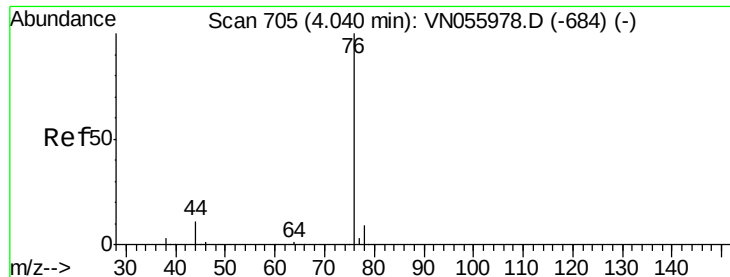
58 33.0 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 43.704 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

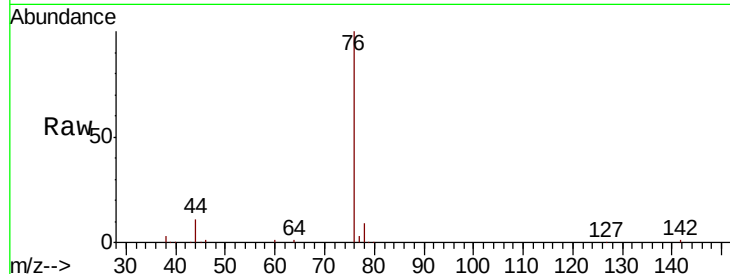
ClientSampled :

Tot Ion: 76 Resp: 257342

Ion Ratio Lower Upper

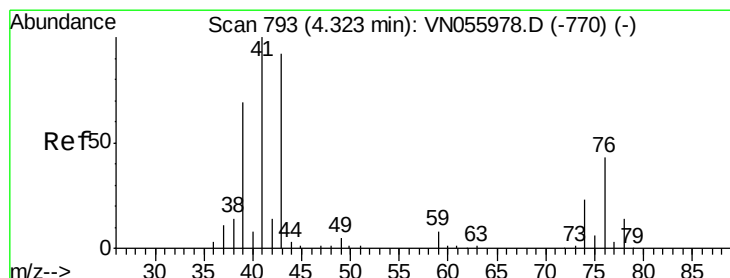
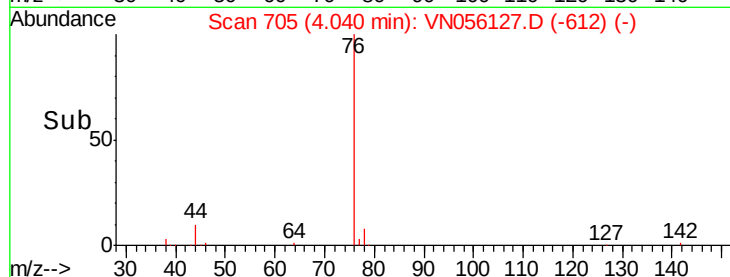
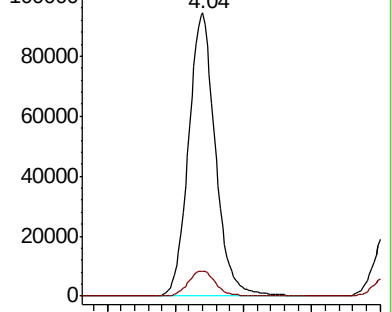
76 100

78 8.9 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 59.086 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056127.D

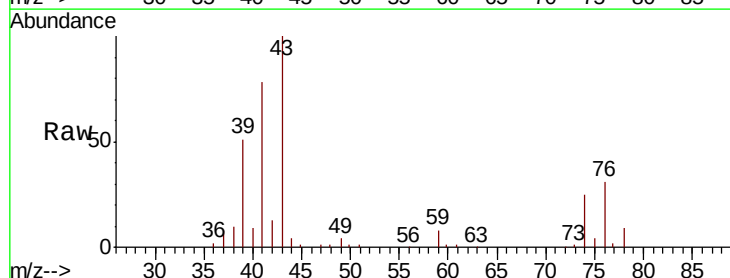
Acq: 8 Jun 2019 3:16

Tgt Ion: 43 Resp: 161171

Ion Ratio Lower Upper

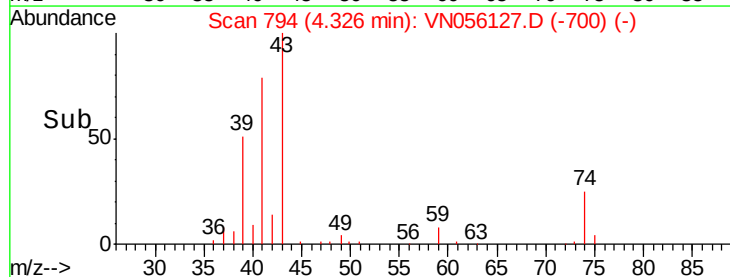
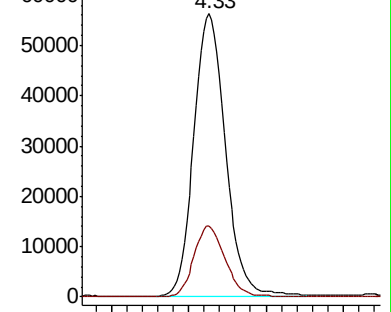
43 100

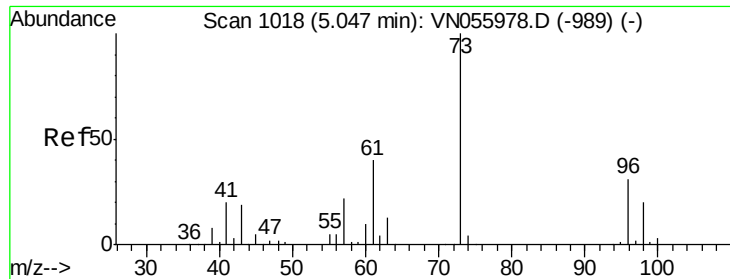
74 24.4 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

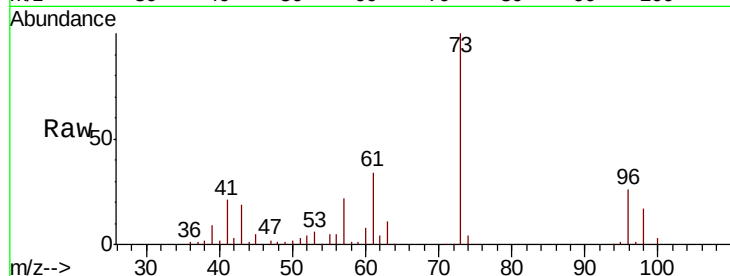




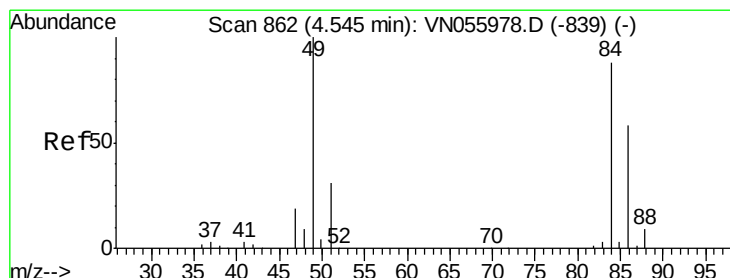
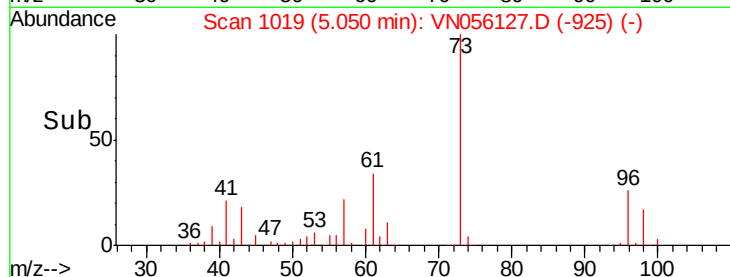
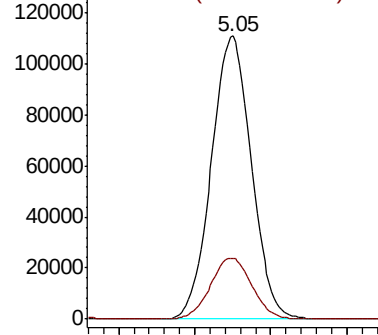
#19
Methyl tert-butyl Ether
Concen: 51.566 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 404217
Ion Ratio Lower Upper
73 100
57 21.5 17.8 26.8

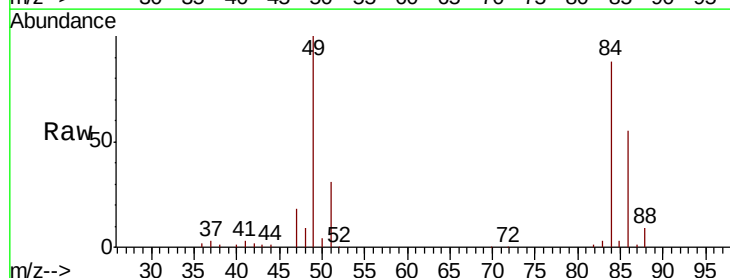


Abundance Ion 73.00 (72.70 to 73.70): VN055978.D (-989) (-)
Ion 57.00 (56.70 to 57.70): VN055978.D (-989) (-)

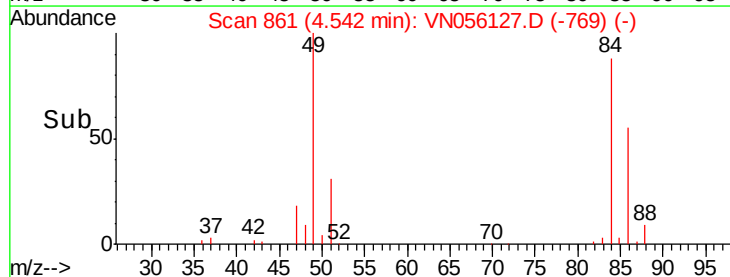
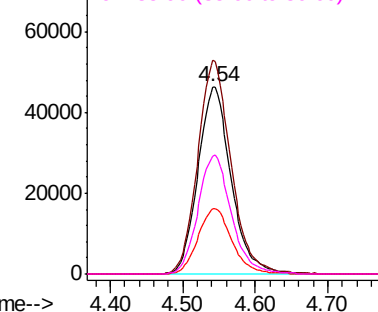


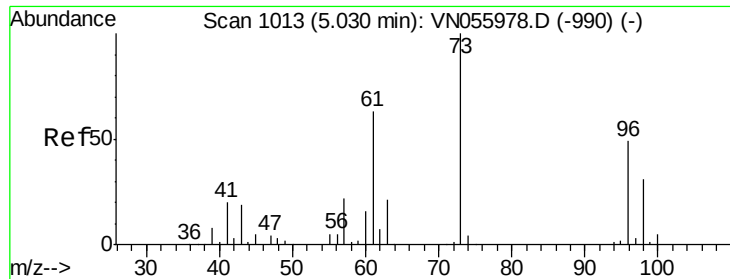
#20
Methylene Chloride
Concen: 51.328 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion: 84 Resp: 147109
Ion Ratio Lower Upper
84 100
49 114.0 93.5 140.3
51 35.1 28.6 43.0
86 63.1 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VN055978.D (-839) (-)
Ion 48.90 (48.60 to 49.60): VN055978.D (-839) (-)
Ion 50.90 (50.60 to 51.60): VN055978.D (-839) (-)
Ion 85.90 (85.60 to 86.60): VN055978.D (-839) (-)

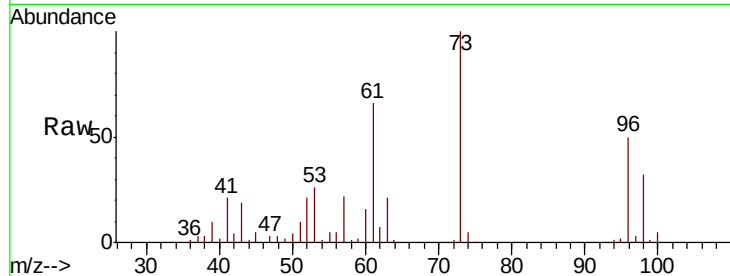




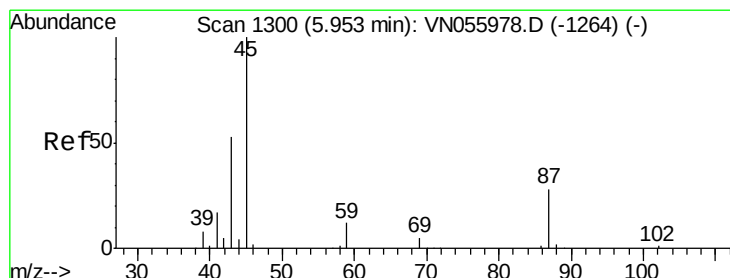
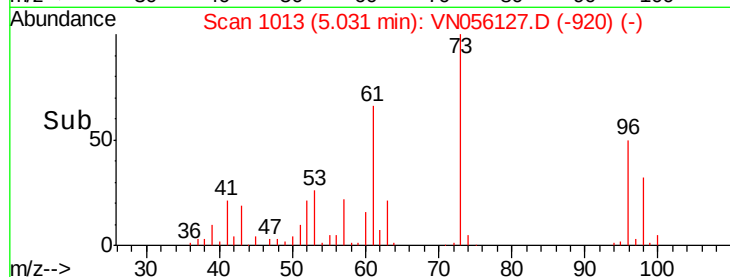
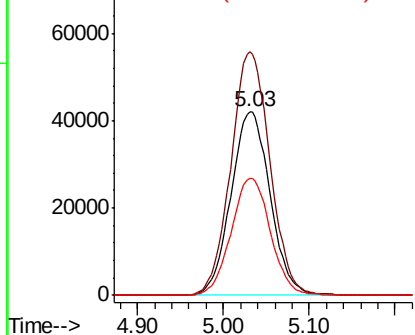
#21
trans-1,2-Dichloroethene
Concen: 50.557 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 133214
Ion Ratio Lower Upper
96 100
61 132.2 107.8 161.8
98 63.8 49.8 74.8

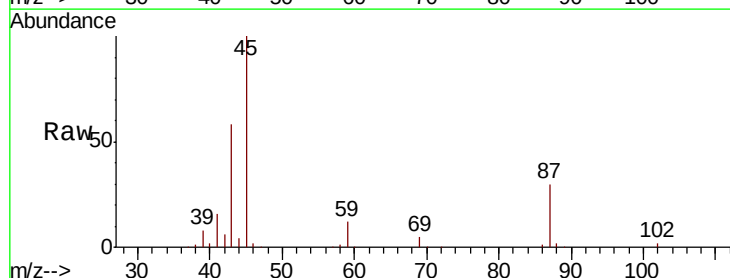


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

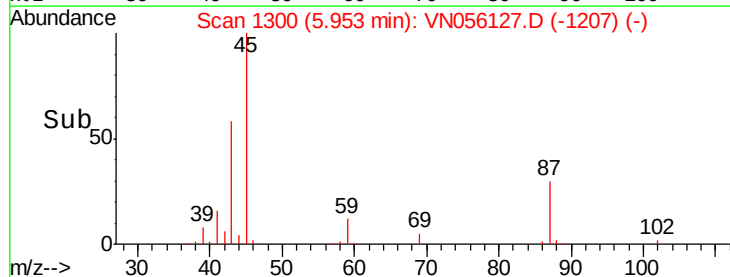
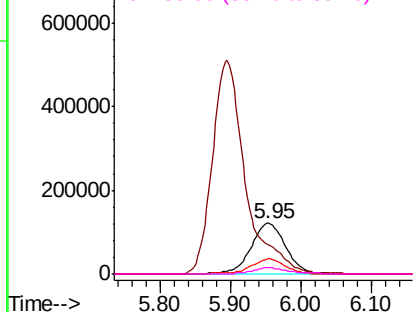


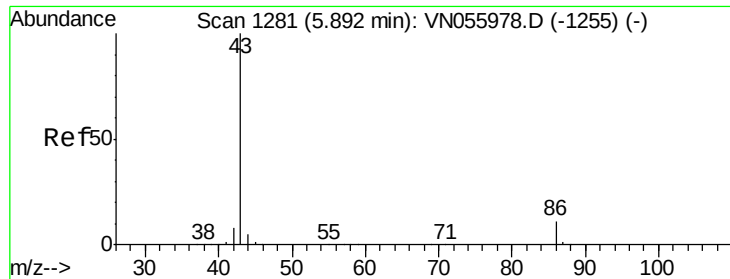
#22
Diisopropyl ether
Concen: 51.986 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion: 45 Resp: 417299
Ion Ratio Lower Upper
45 100
43 56.1 45.0 67.6
87 29.2 22.2 33.4
59 11.7 9.1 13.7



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

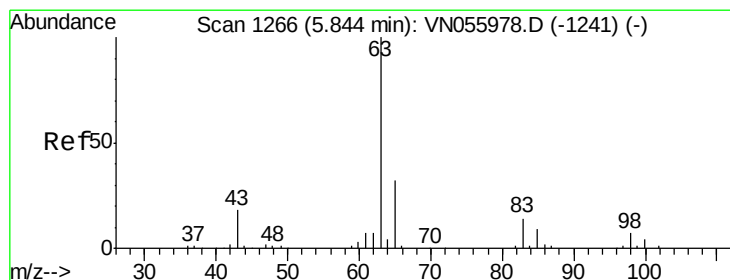
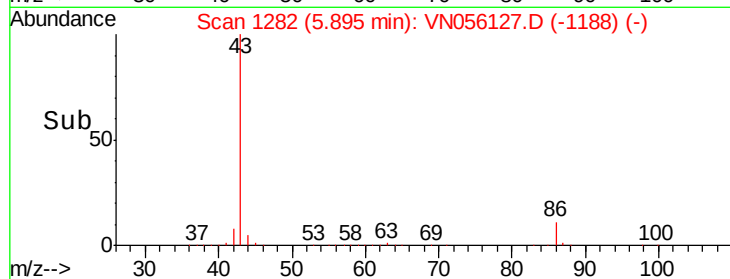
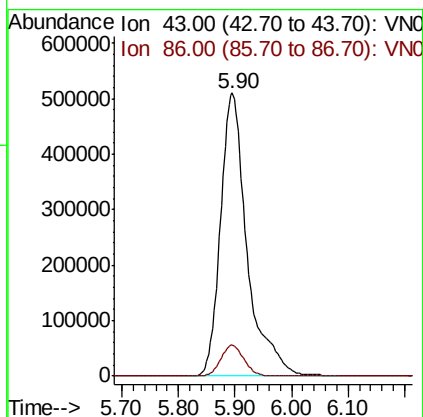
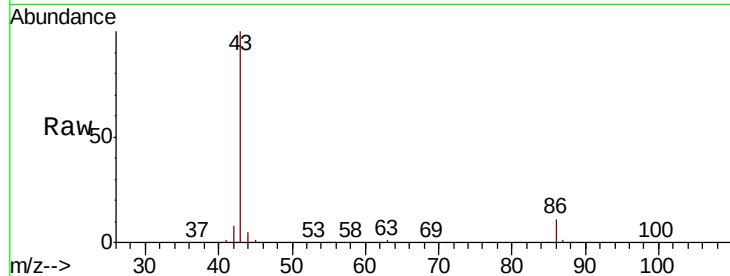




#23
 Vinyl Acetate
 Concen: 264.570 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

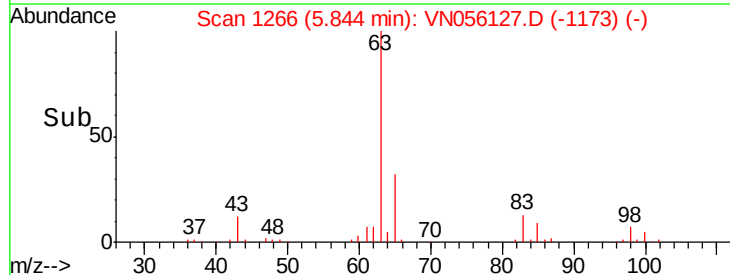
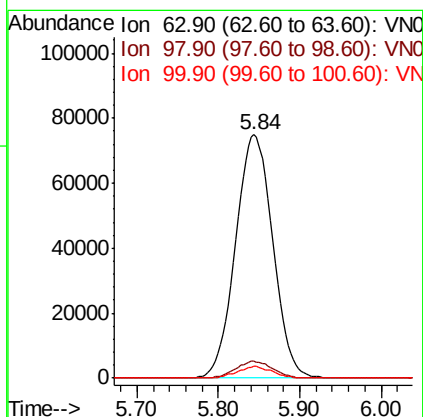
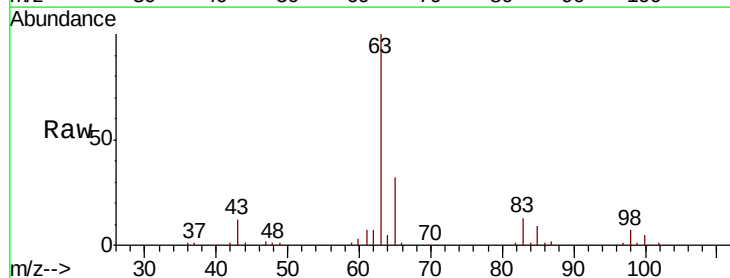
Instrument :
 MSVOA_N
 ClientSampled :

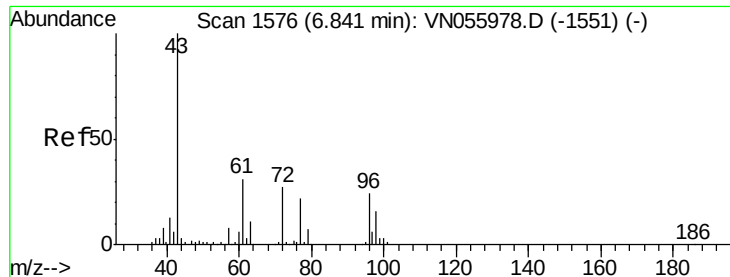
Tot Ion: 43 Resp: 1672466
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 51.210 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

Tgt Ion: 63 Resp: 237120
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.7 2.2 6.6





#25

2-Butanone

Concen: 262.910 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

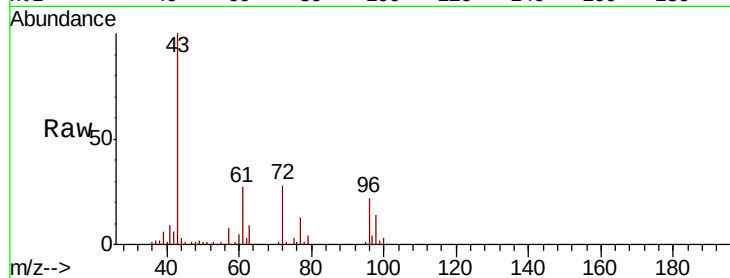
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 462104

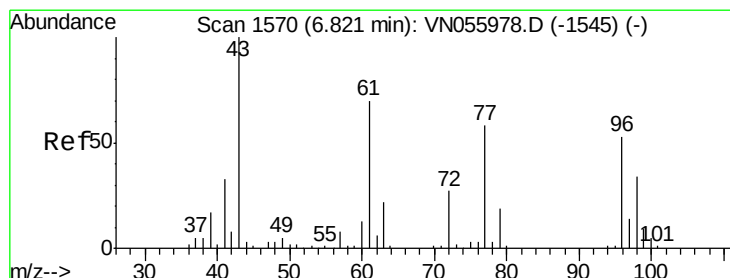
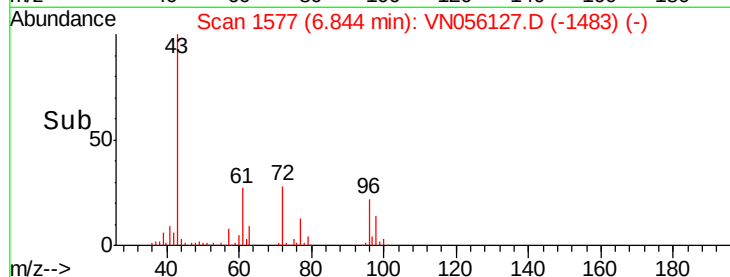
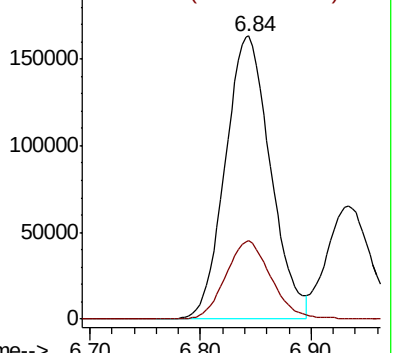
Ion Ratio Lower Upper

43 100

72 27.7 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 32.600 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN056127.D

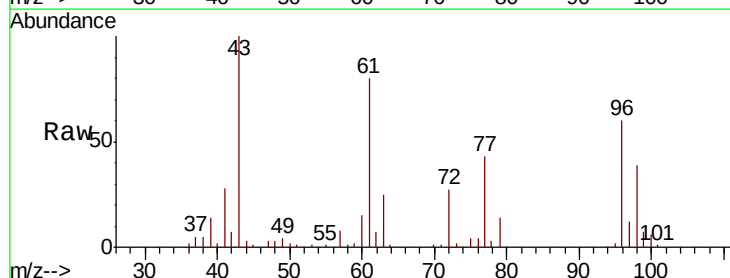
Acq: 8 Jun 2019 3:16

Tgt Ion: 77 Resp: 117791

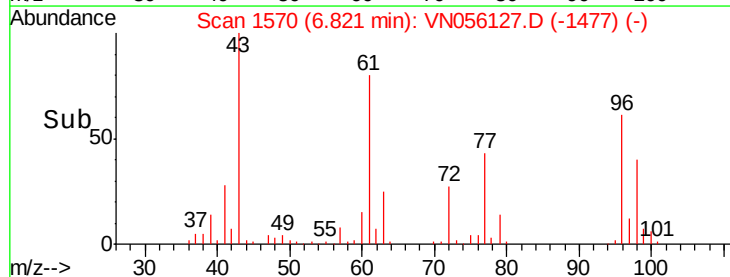
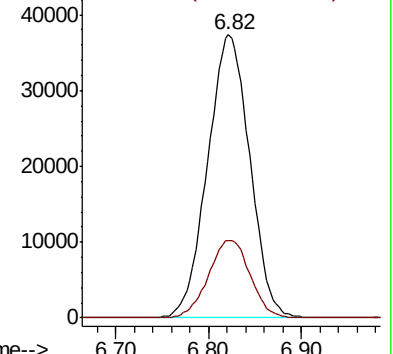
Ion Ratio Lower Upper

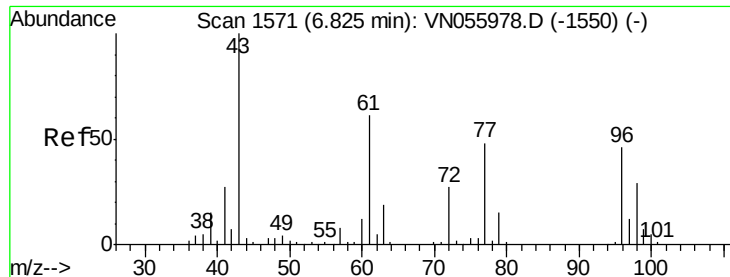
77 100

97 27.1 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN0
Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 50.660 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :
MSVOA_N
ClientSampleId :

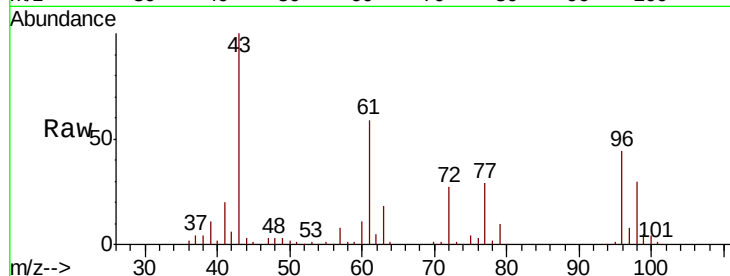
Tot Ion: 96 Resp: 156909

Ion Ratio Lower Upper

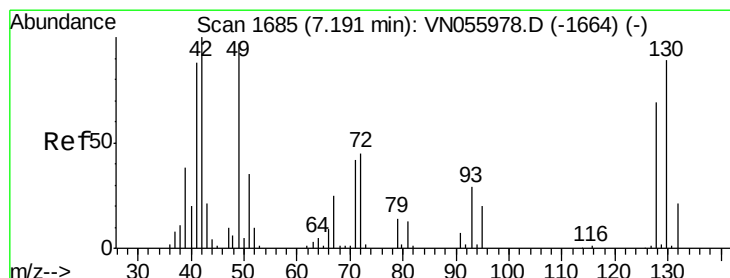
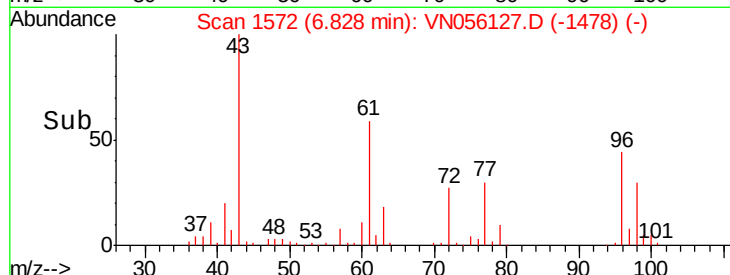
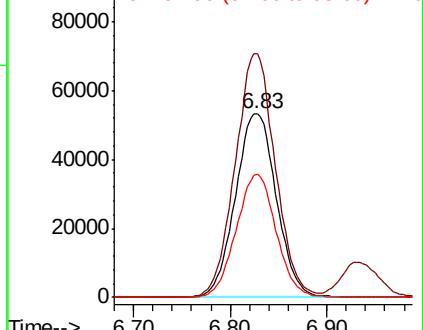
96 100

61 129.7 0.0 275.8

98 65.2 0.0 128.4



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: 53.020 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

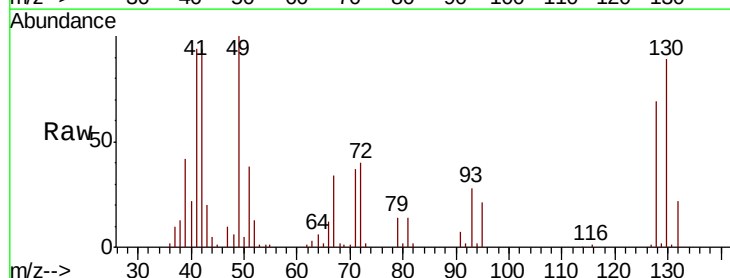
Tgt Ion: 49 Resp: 116098

Ion Ratio Lower Upper

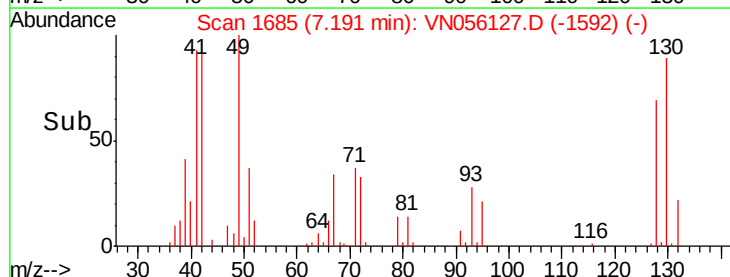
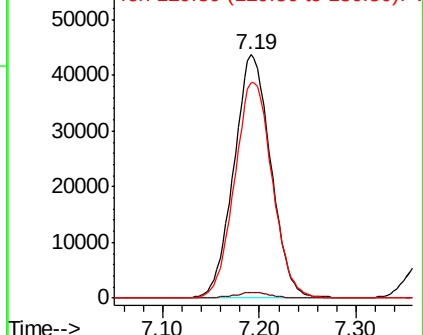
49 100

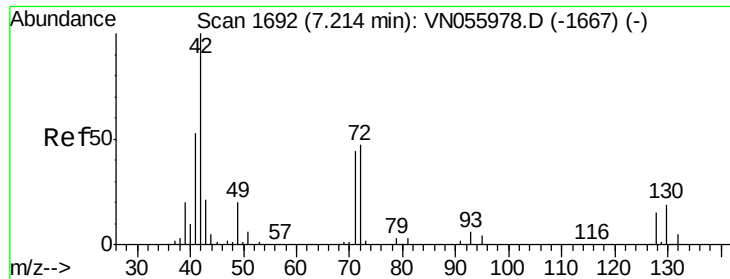
129 2.2 0.0 4.4

130 90.3 71.2 106.8



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

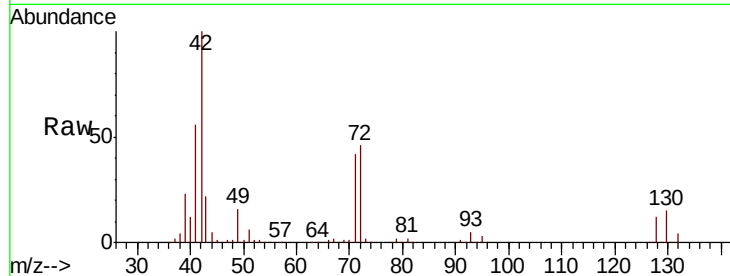




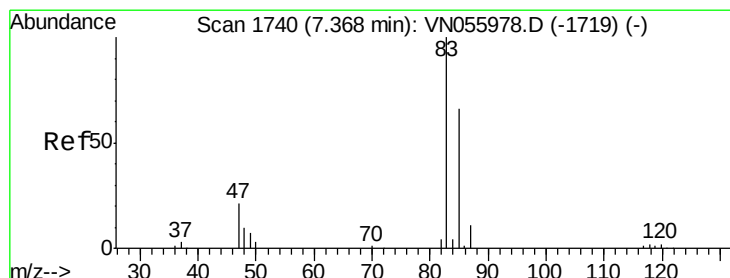
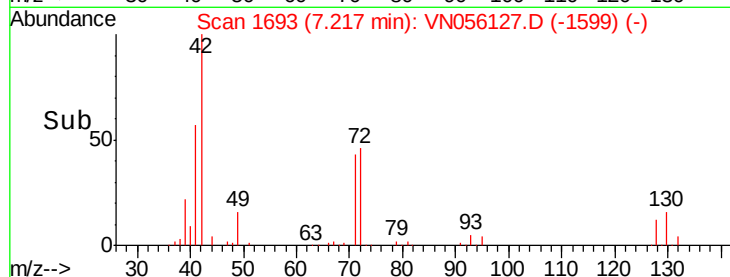
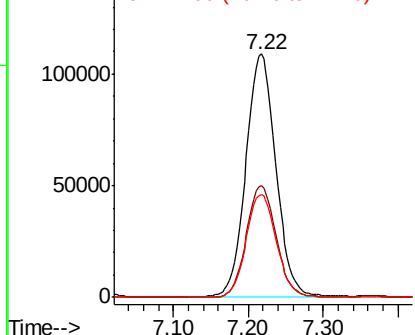
#29
Tetrahydrofuran
Concen: 281.638 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 305992
Ion Ratio Lower Upper
42 100
72 45.4 35.9 53.9
71 42.5 34.0 51.0

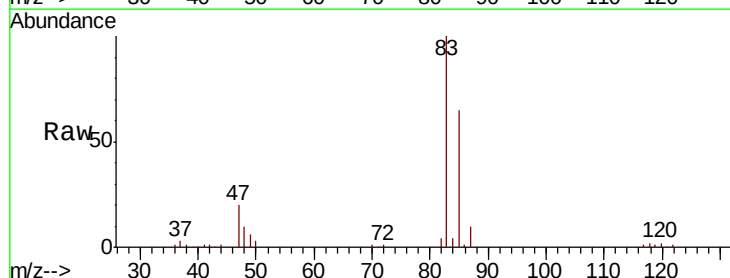


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

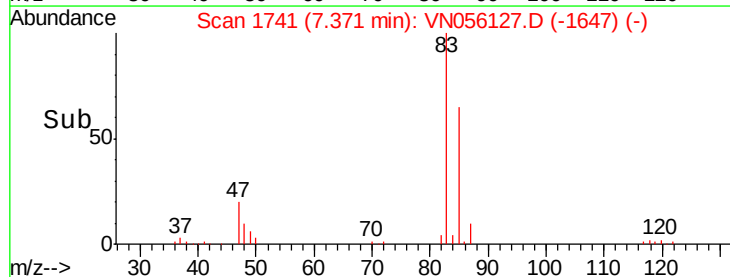
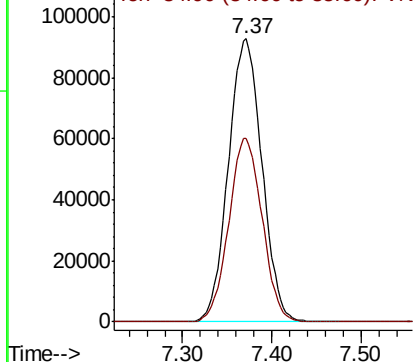


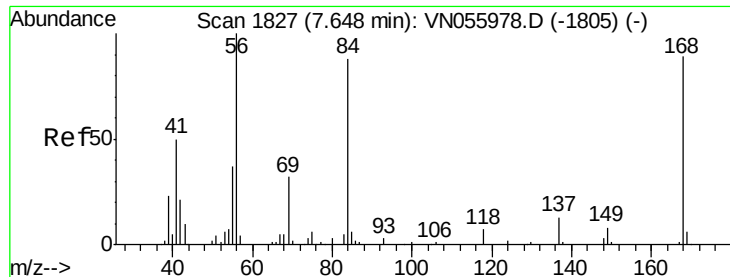
#30
Chloroform
Concen: 51.982 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion: 83 Resp: 242133
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.8



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

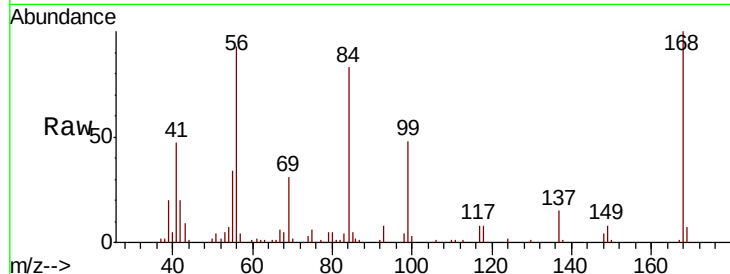




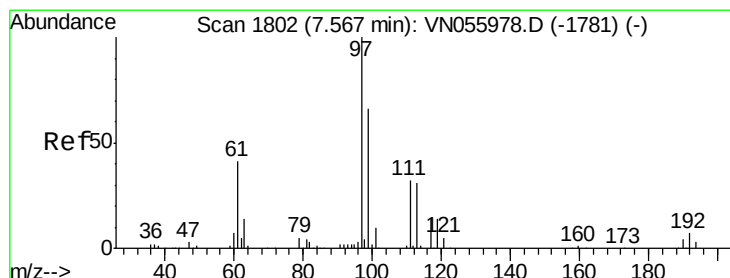
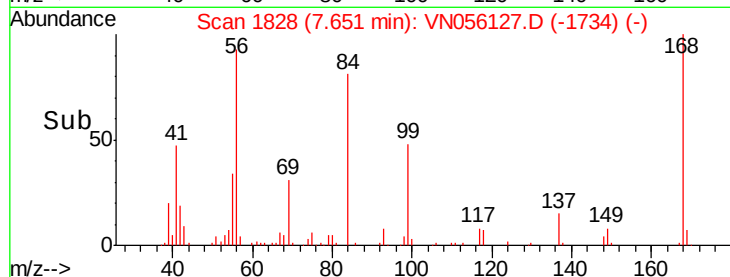
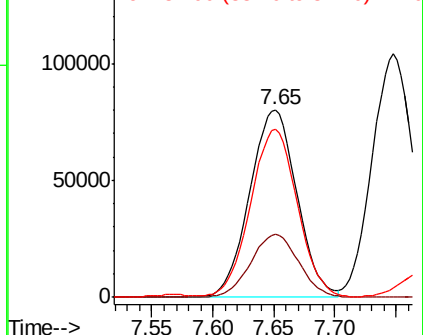
#31
Cyclohexane
Concen: 46.629 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 215215
Ion Ratio Lower Upper
56 100
69 33.3 25.6 38.4
84 88.4 67.4 101.0

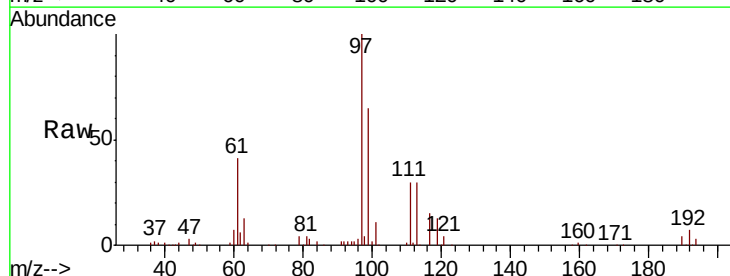


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

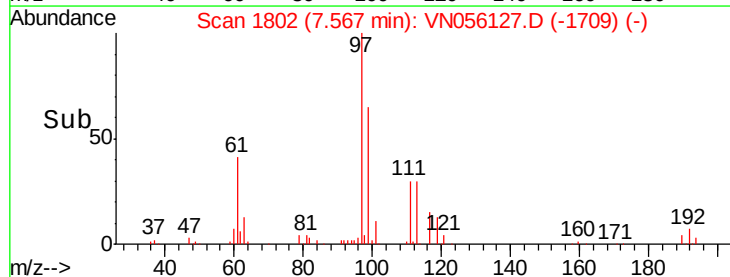
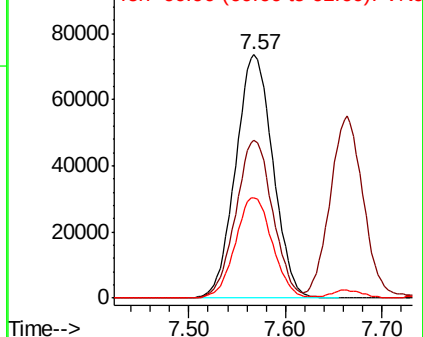


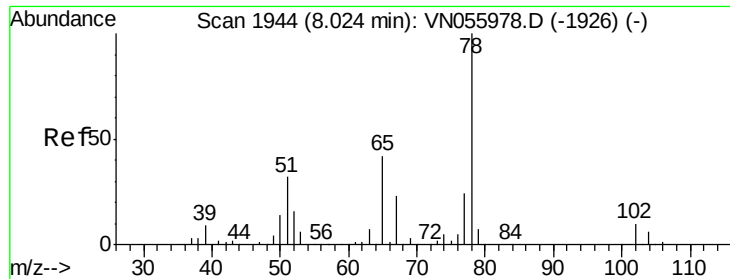
#32
1,1,1-Trichloroethane
Concen: 50.734 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion: 97 Resp: 197342
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 41.0 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

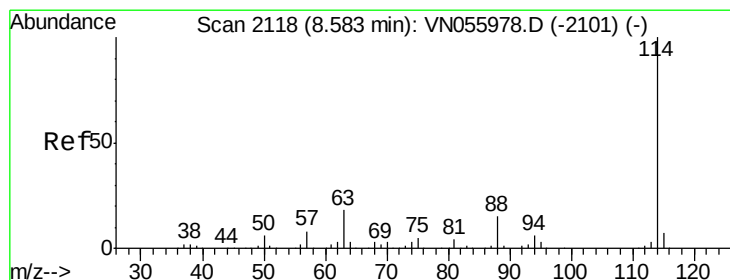
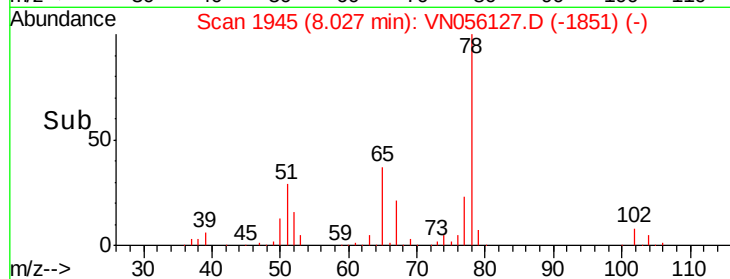
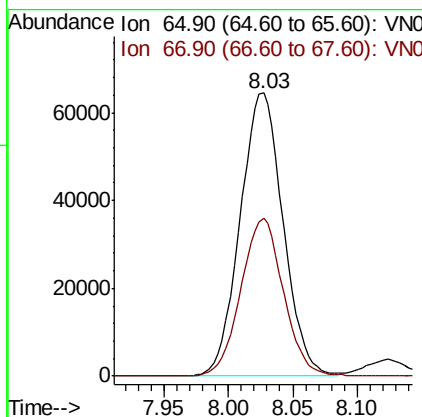
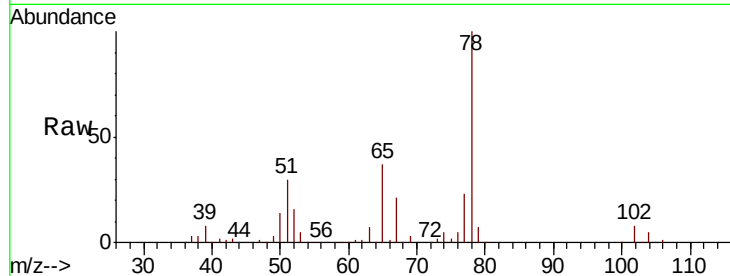




#33
 1,2-Dichloroethane-d4
 Concen: 51.471 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

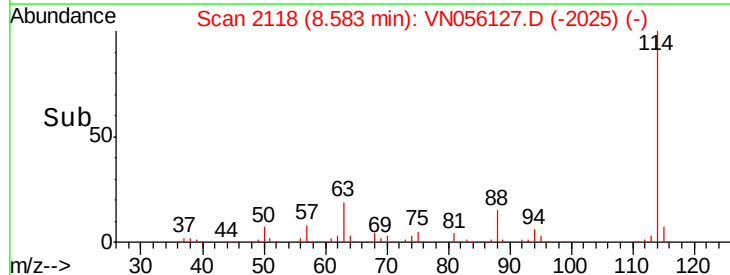
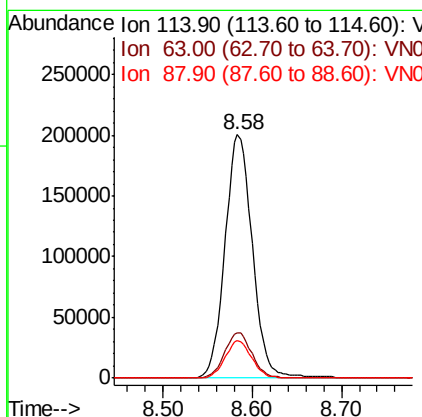
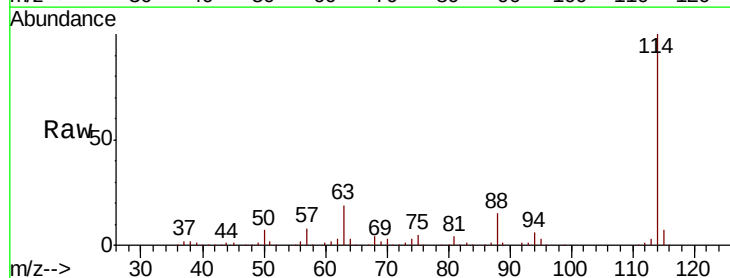
Instrument :
 MSVOA_N
 ClientSampled :

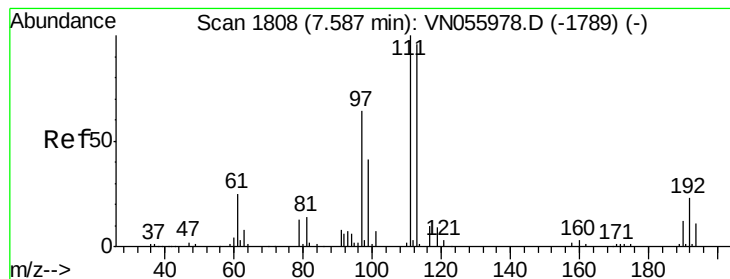
Tot Ion: 65 Resp: 149713
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

Tgt Ion: 114 Resp: 426422
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.930 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampled :

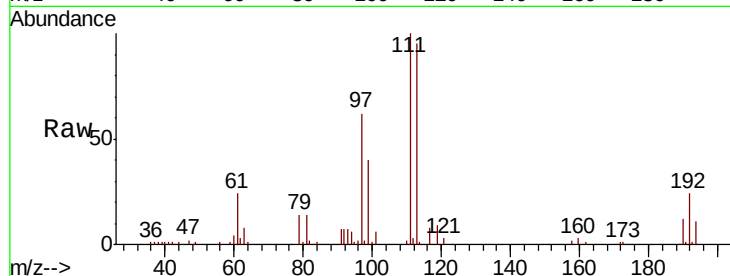
Tot Ion:113 Resp: 133246

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

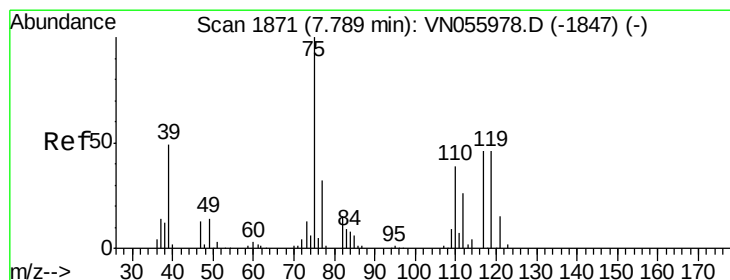
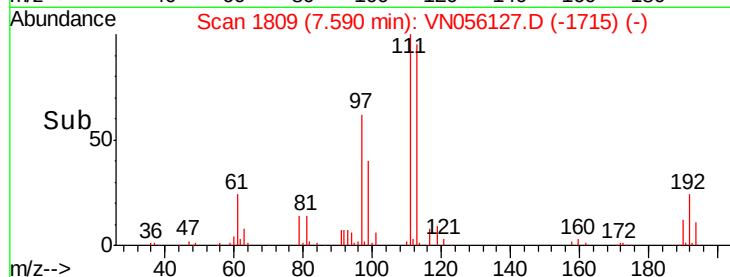
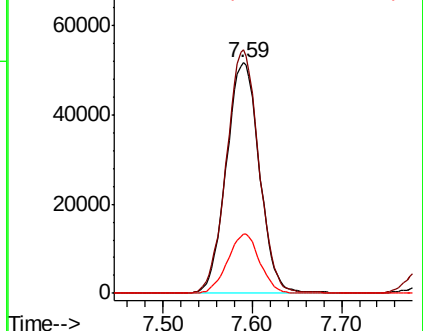
192 24.8 19.5 29.3



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: 48.634 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

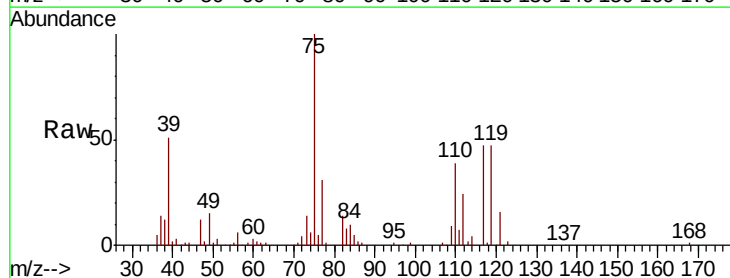
Tgt Ion: 75 Resp: 178322

Ion Ratio Lower Upper

75 100

110 38.0 19.0 57.0

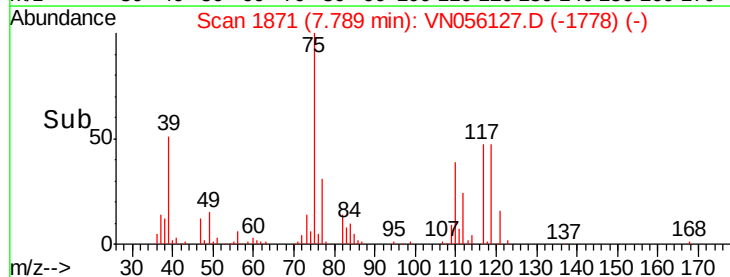
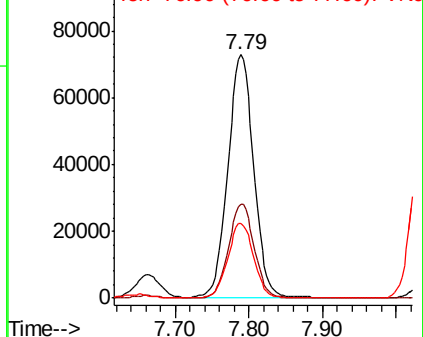
77 30.6 25.1 37.7

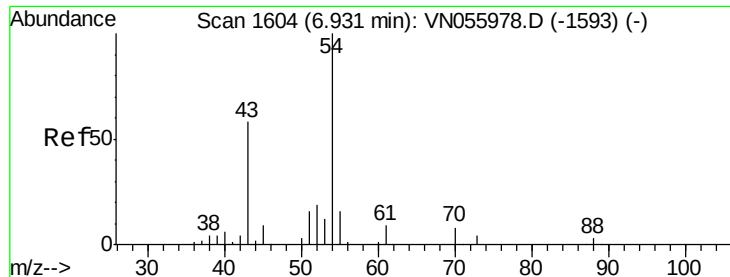


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

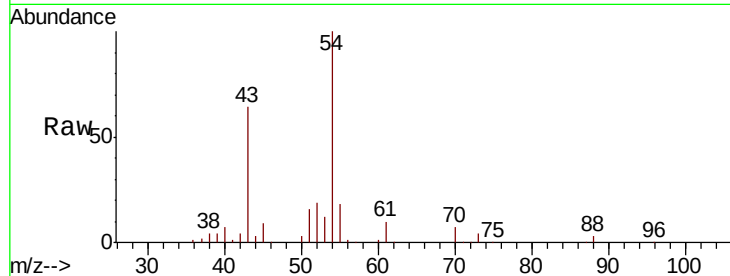




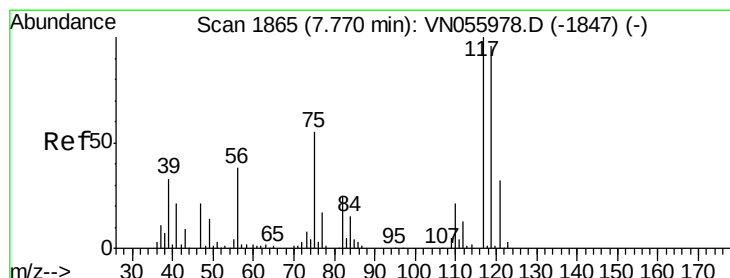
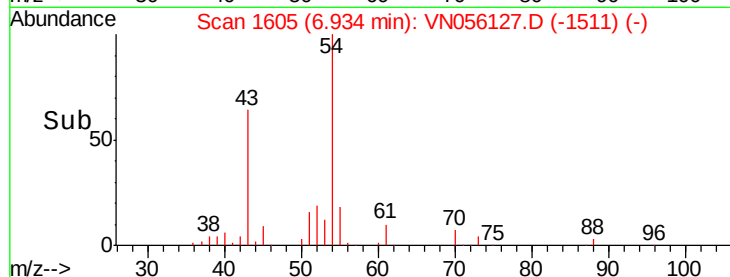
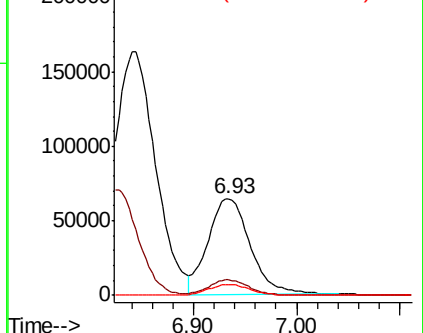
#37
Ethyl Acetate
Concen: 56.193 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 183324
Ion Ratio Lower Upper
43 100
61 15.7 12.2 18.2
70 11.1 8.9 13.3

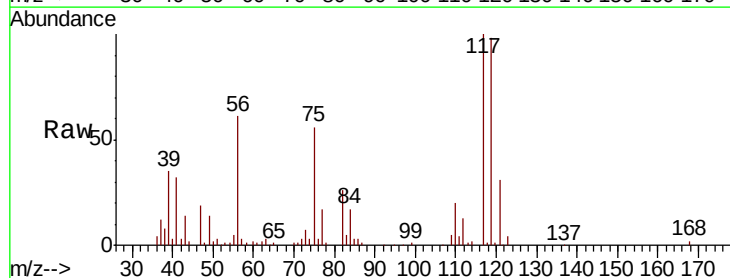


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

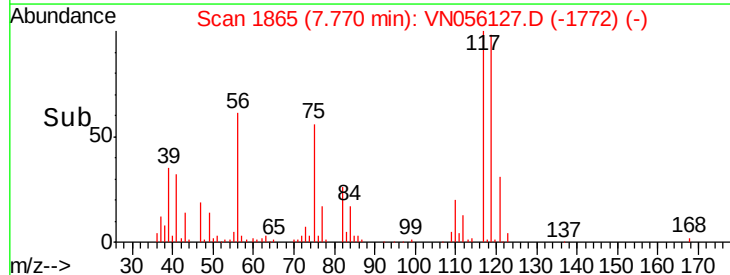
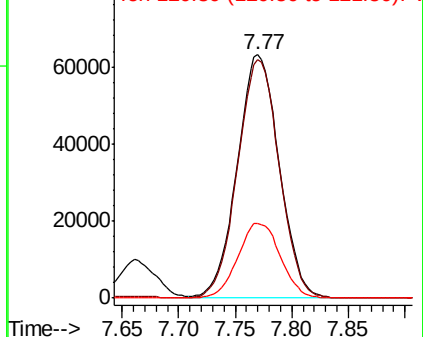


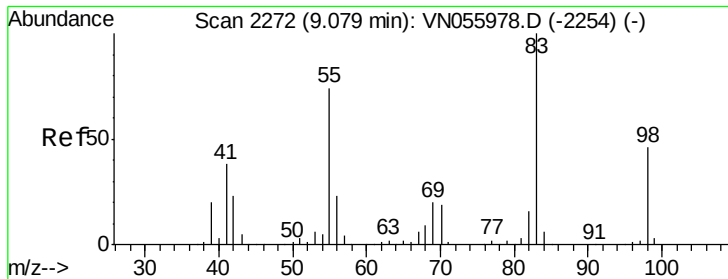
#38
Carbon Tetrachloride
Concen: 48.006 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion: 117 Resp: 162282
Ion Ratio Lower Upper
117 100
119 98.1 79.0 118.6
121 31.0 24.7 37.1



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

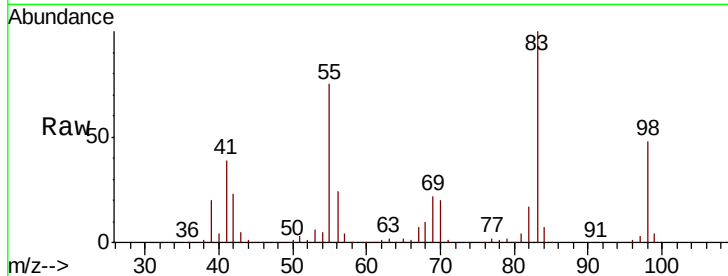




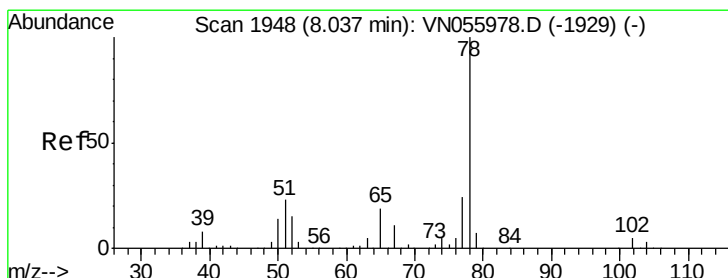
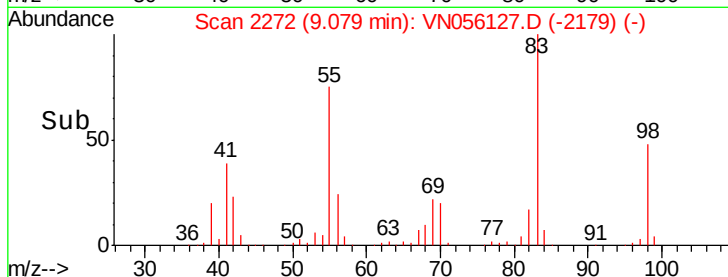
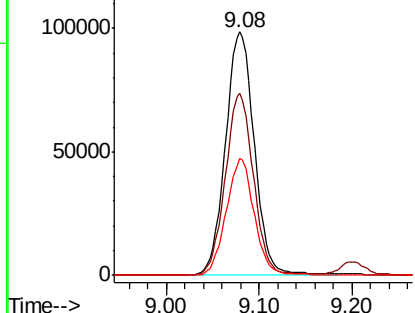
#39
Methylvlcyclohexane
Concen: 46.671 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 213173
Ion Ratio Lower Upper
83 100
55 75.1 59.3 88.9
98 48.1 36.6 54.8

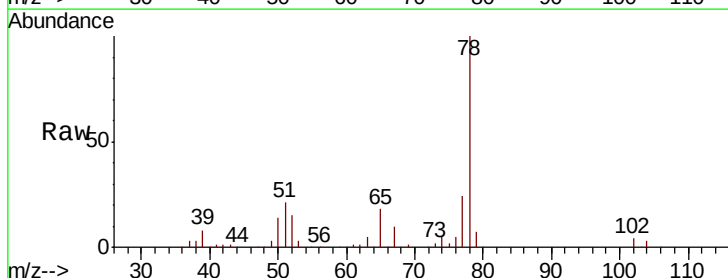


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

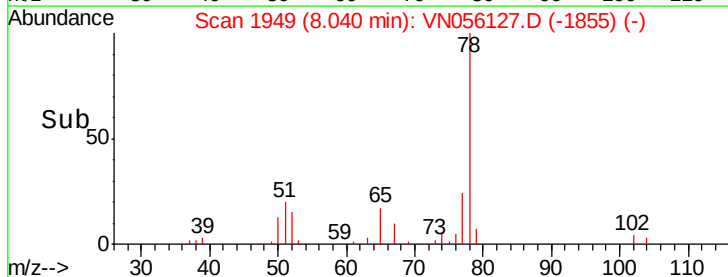
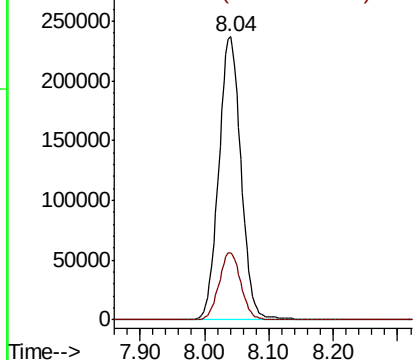


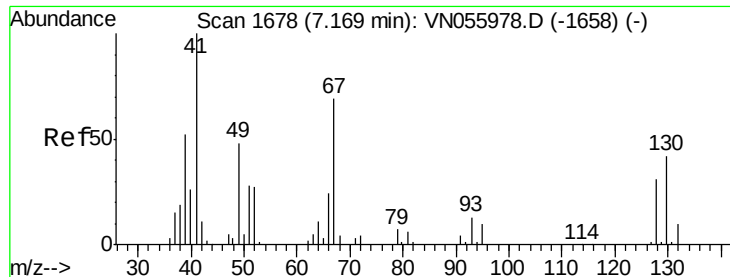
#40
Benzene
Concen: 50.834 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion: 78 Resp: 566103
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2



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

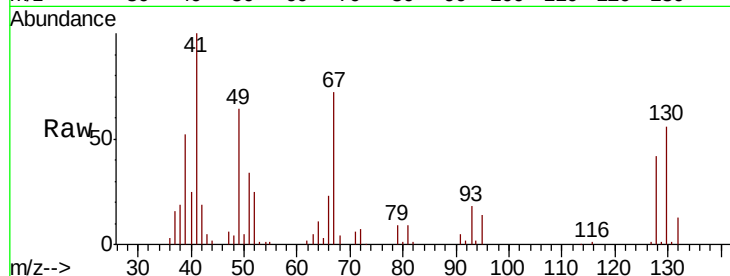




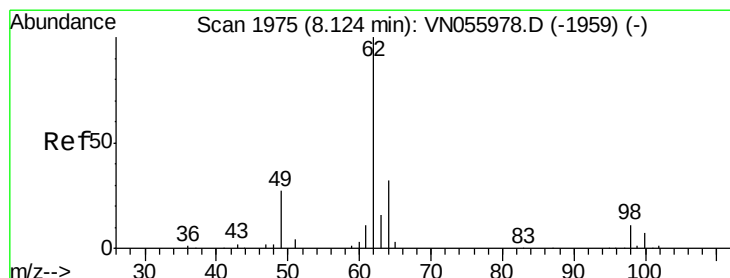
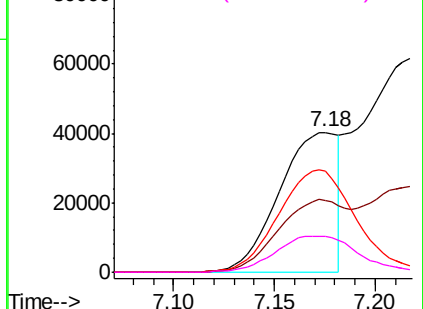
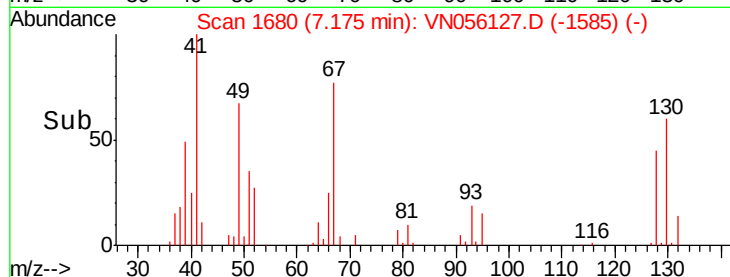
#41
Methacrylonitrile
Concen: 54.101 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 81207
Ion Ratio Lower Upper
41 100
39 60.7 45.6 68.4
67 98.0 67.7 101.5
52 37.2 26.6 40.0

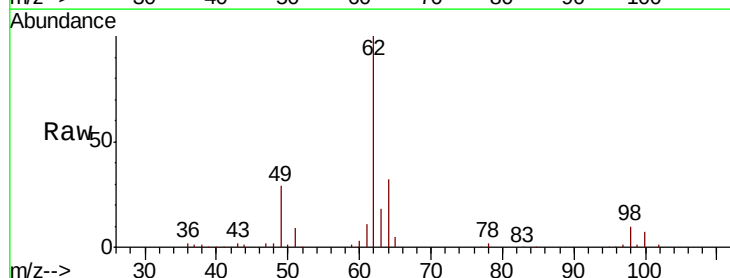


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

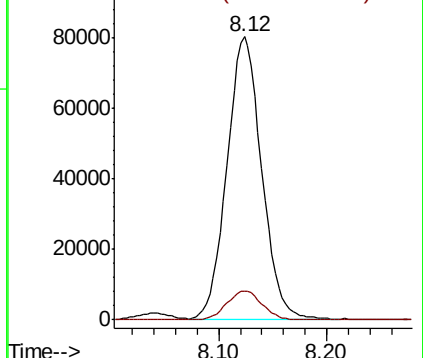
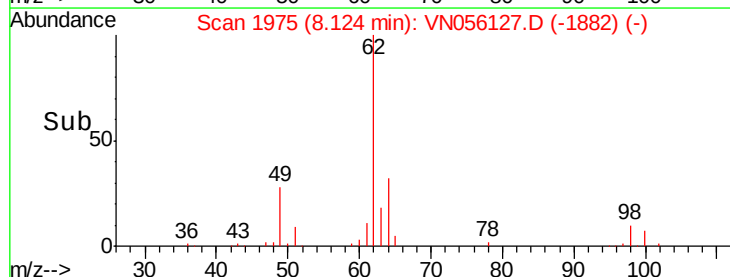


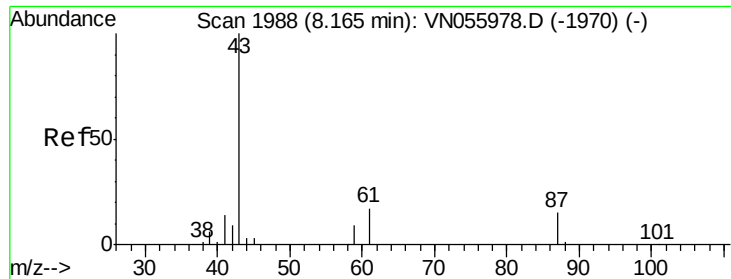
#42
1,2-Dichloroethane
Concen: 49.977 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion: 62 Resp: 179028
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2



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





#43

Isopropyl Acetate

Concen: 53.302 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampleId :

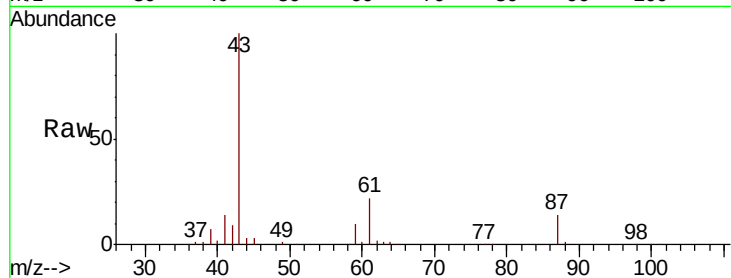
Tot Ion: 43 Resp: 281787

Ion Ratio Lower Upper

43 100

61 21.9 22.2 33.4#

87 14.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)

8.17

150000

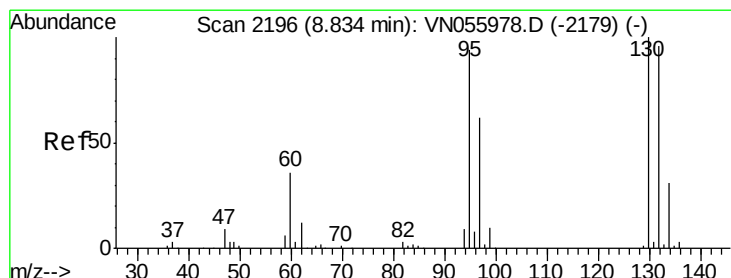
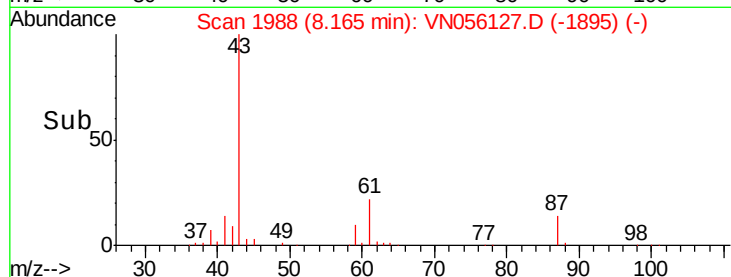
100000

50000

0

8.10 8.20

Time-->



#44

Trichloroethene

Concen: 52.020 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056127.D

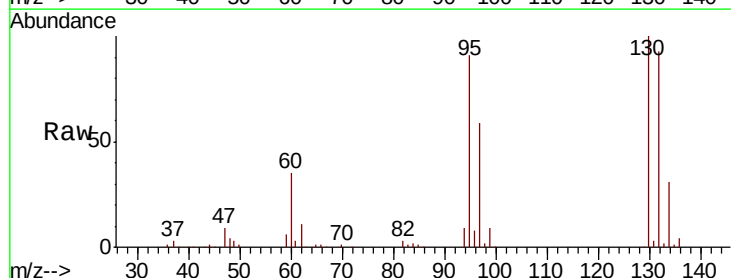
Acq: 8 Jun 2019 3:16

Tgt Ion:130 Resp: 166465

Ion Ratio Lower Upper

130 100

95 90.8 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

8.83

80000

60000

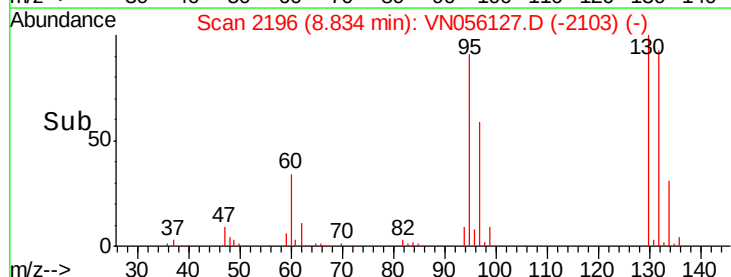
40000

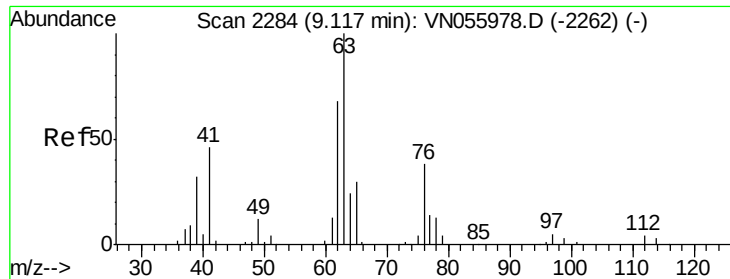
20000

0

8.80 8.90

Time-->

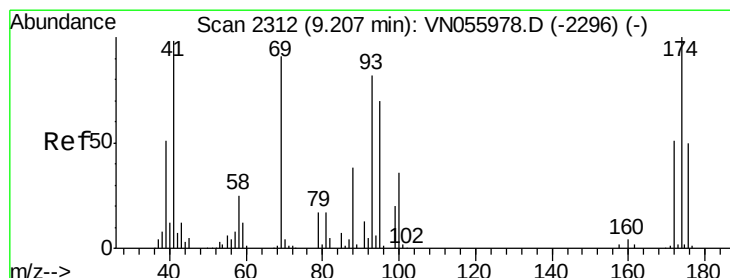
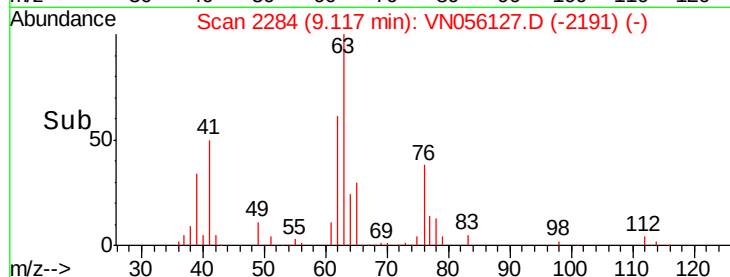
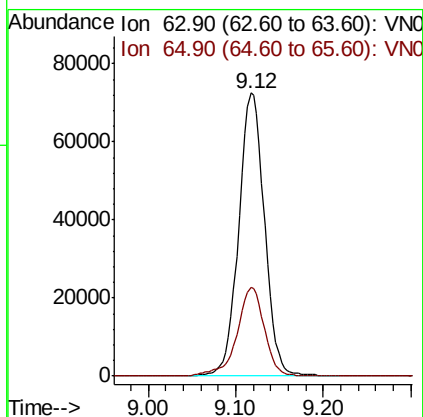
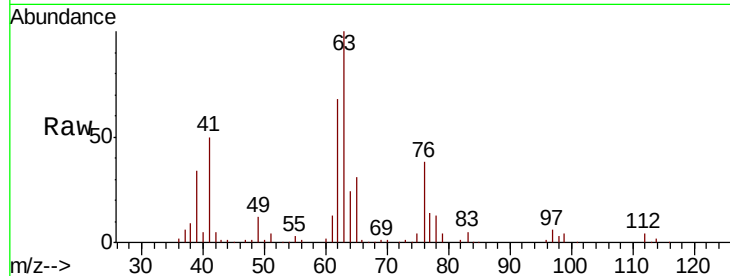




#45
 1,2-Dichloropropane
 Concen: 52.166 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

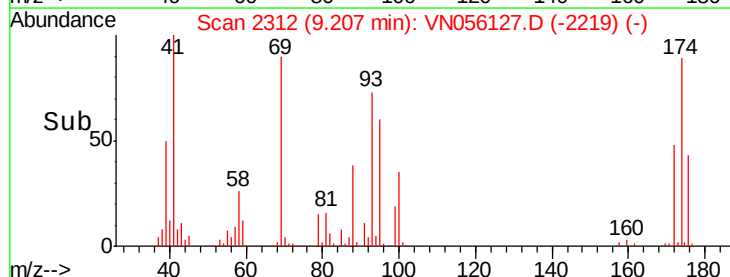
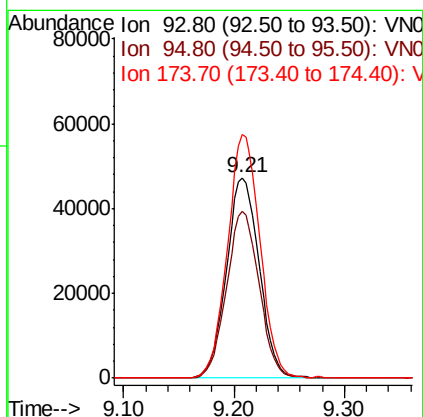
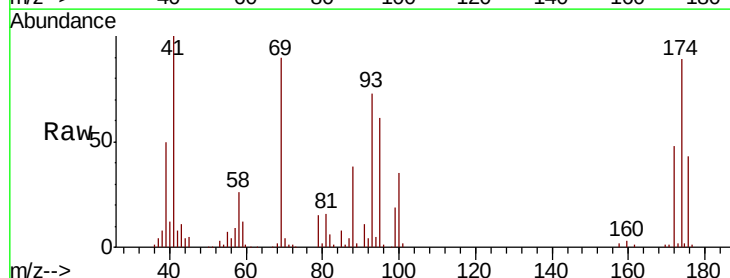
Instrument :
 MSVOA_N
 ClientSampleId :

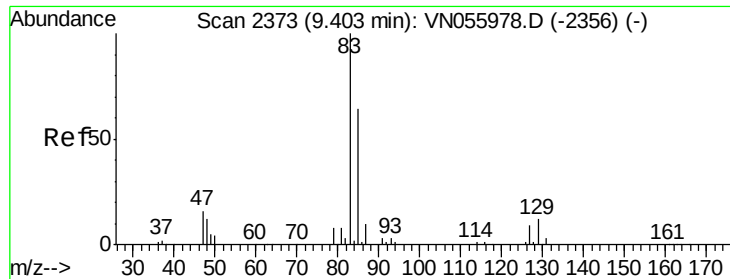
Tot Ion: 63 Resp: 148803
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 36.8



#46
 Dibromomethane
 Concen: 52.187 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

Tgt Ion: 93 Resp: 97345
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.7 100.1
 174 120.5 96.4 144.6





#47

Bromodichloromethane

Concen: 50.929 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampled :

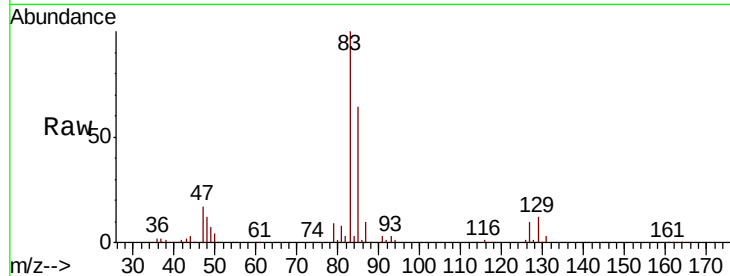
Tot Ion: 83 Resp: 172177

Ion Ratio Lower Upper

83 100

85 64.5 52.2 78.2

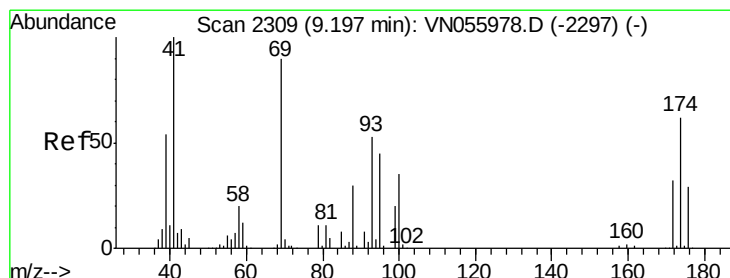
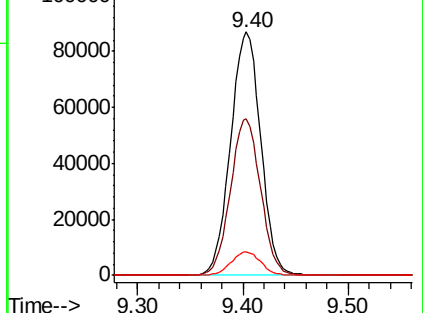
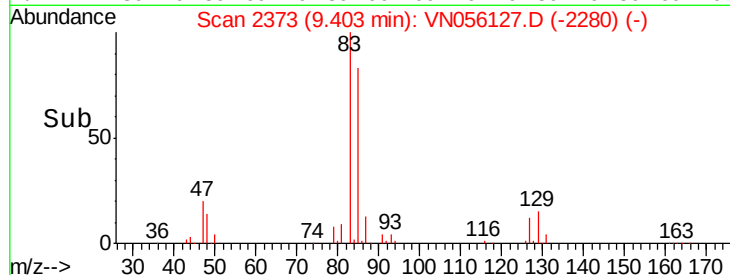
127 9.6 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN056127.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056127.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056127.D (-2280) (-)



#48

Methyl methacrylate

Concen: 55.617 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

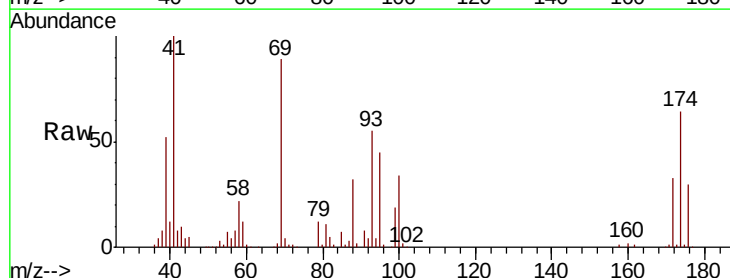
Tgt Ion: 41 Resp: 143846

Ion Ratio Lower Upper

41 100

69 90.5 71.0 106.6

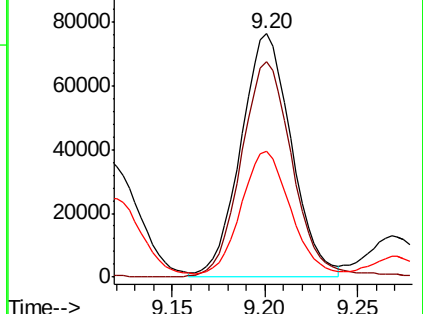
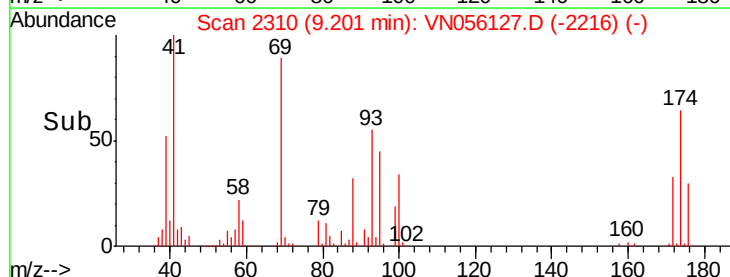
39 51.3 44.2 66.2

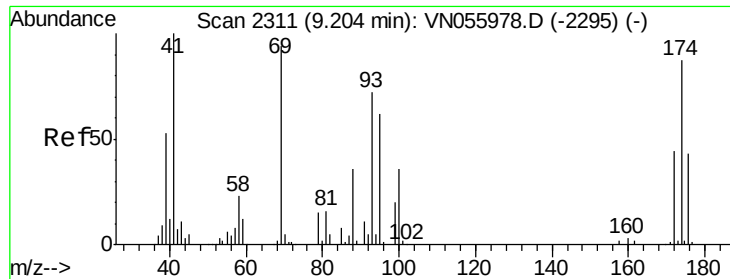


Abundance Ion 41.00 (40.70 to 41.70): VN056127.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056127.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056127.D (-2216) (-)

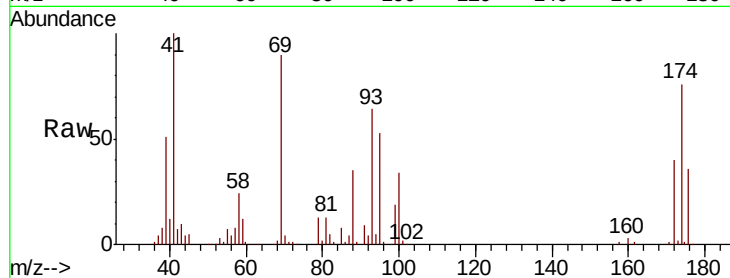




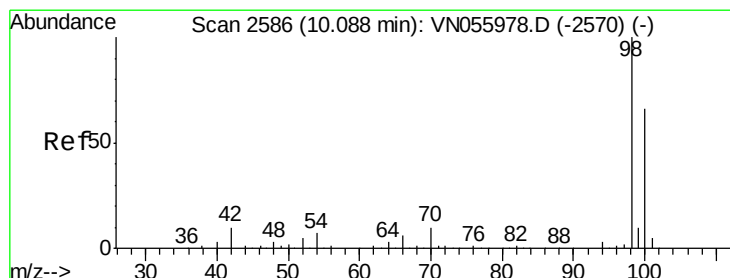
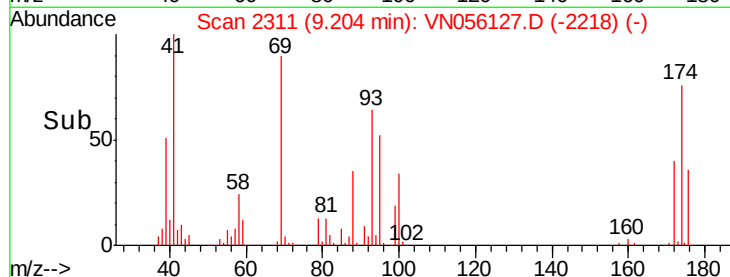
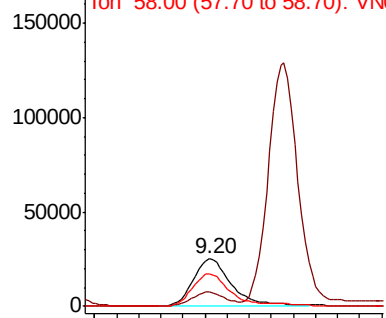
#49
1,4-Dioxane
Concen: 1100.439 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 61445
Ion Ratio Lower Upper
88 100
43 24.5 20.5 30.7
58 65.2 55.8 83.6

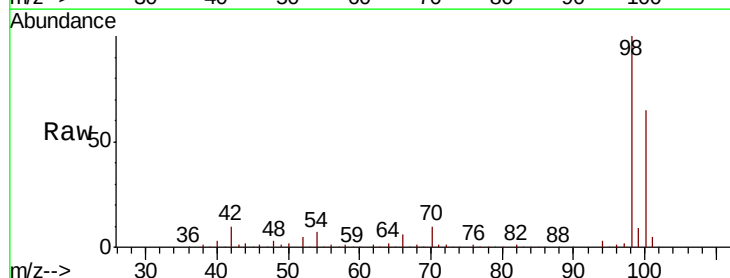


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

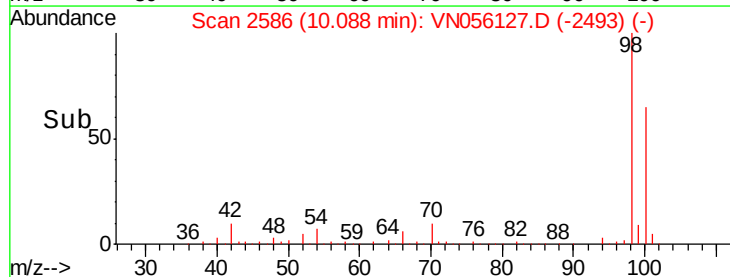
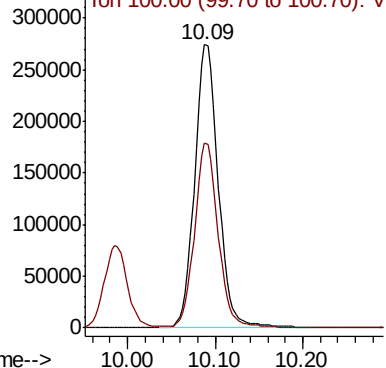


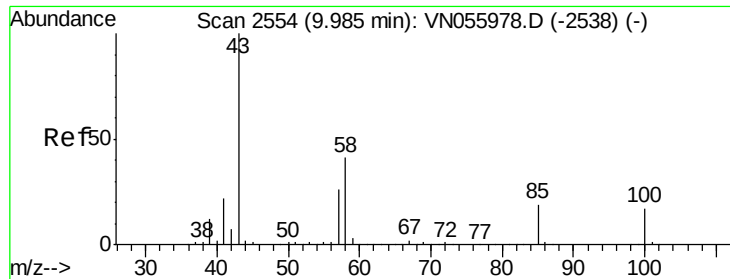
#50
Toluene-d8
Concen: 51.146 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion: 98 Resp: 514907
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 281.841 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

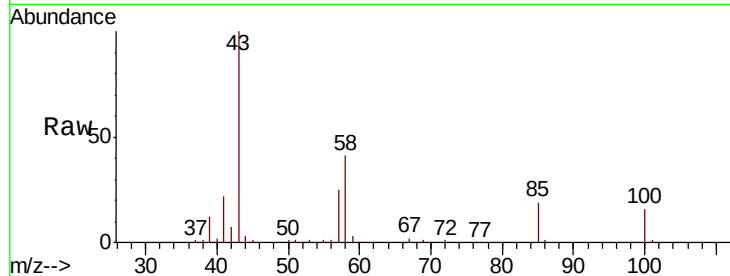
ClientSampled :

Tot Ion: 43 Resp: 931767

Ion Ratio Lower Upper

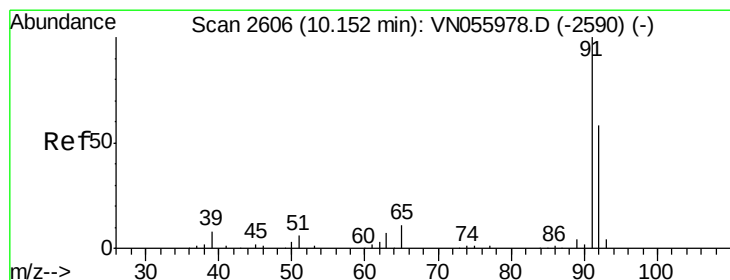
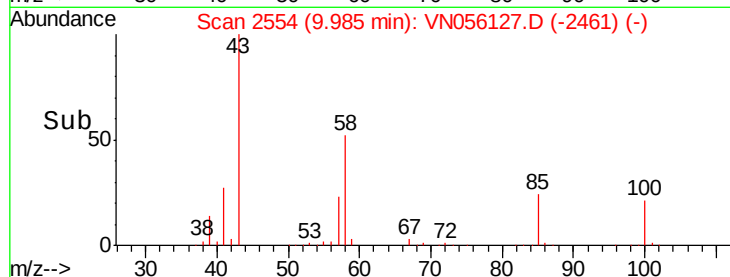
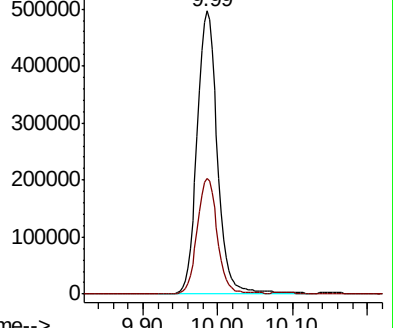
43 100

58 40.6 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.212 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056127.D

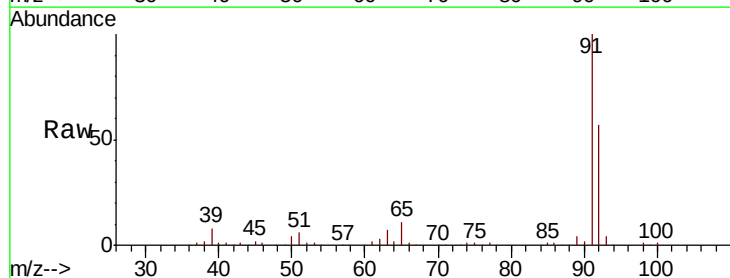
Acq: 8 Jun 2019 3:16

Tgt Ion: 92 Resp: 354884

Ion Ratio Lower Upper

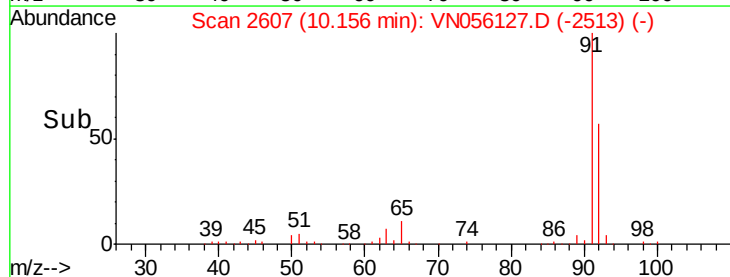
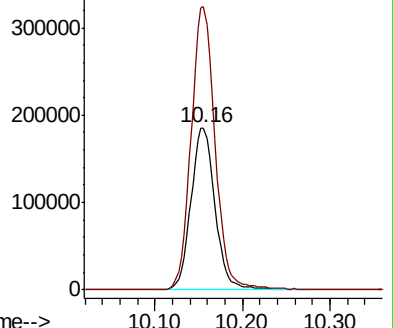
92 100

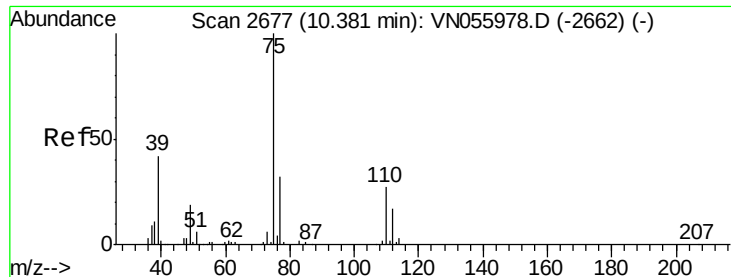
91 174.7 139.4 209.2



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: 43.838 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

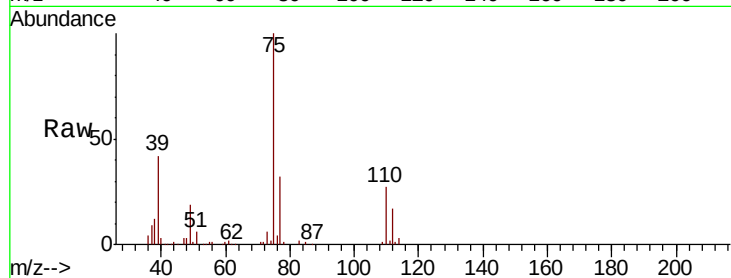
ClientSampled :

Tot Ion: 75 Resp: 172529

Ion Ratio Lower Upper

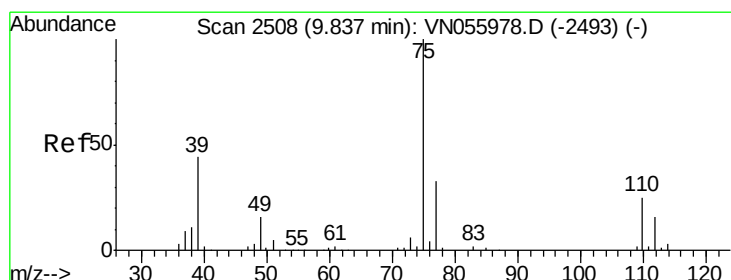
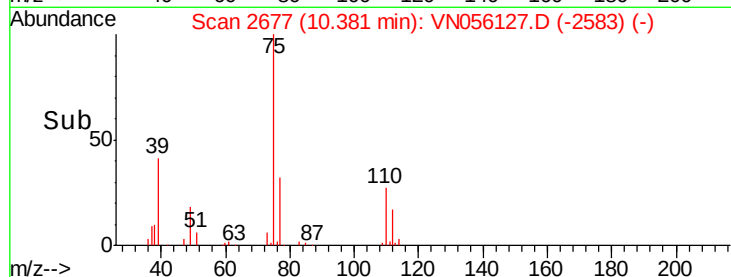
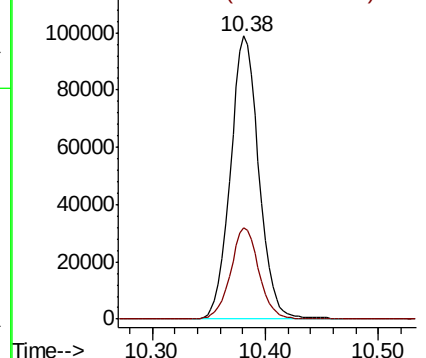
75 100

77 32.2 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 49.983 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

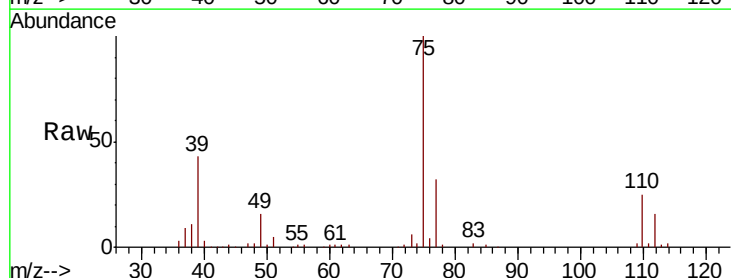
Tgt Ion: 75 Resp: 203116

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

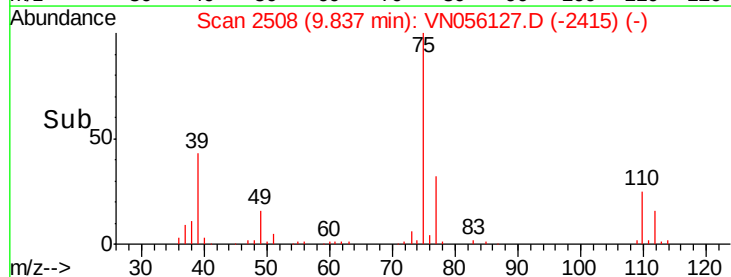
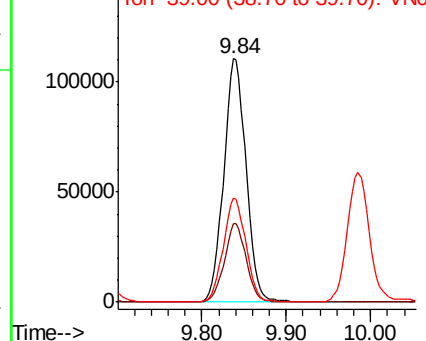
39 42.8 36.3 54.5

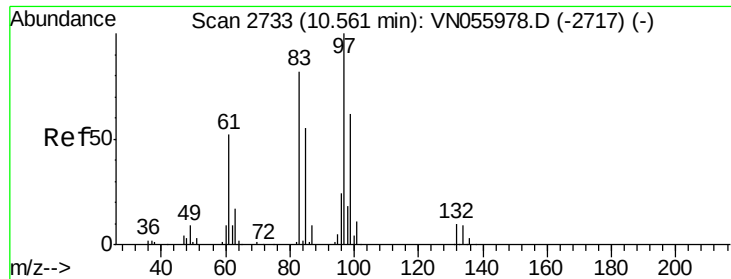


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 53.356 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 146462

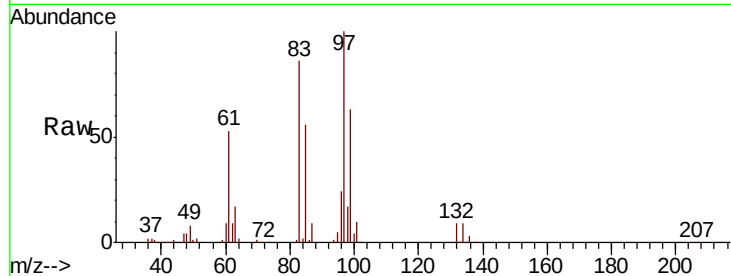
Ion Ratio Lower Upper

97 100

83 85.7 67.0 100.6

85 55.8 44.0 66.0

99 62.7 50.6 75.8

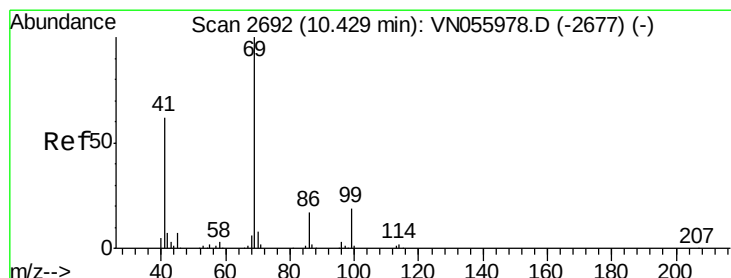
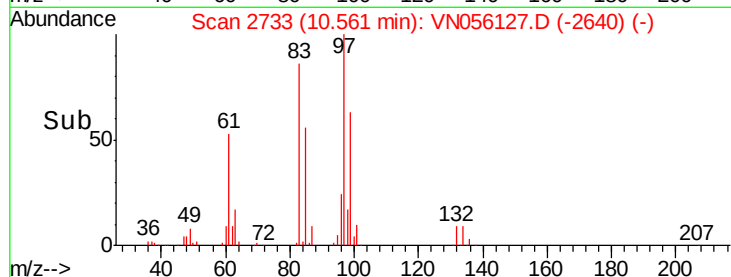
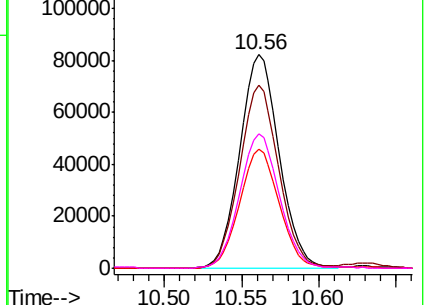


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 54.151 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

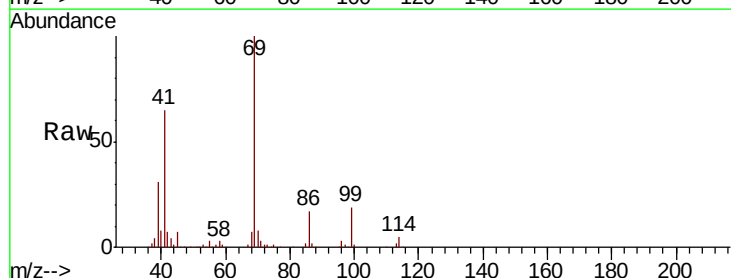
Tgt Ion: 69 Resp: 216853

Ion Ratio Lower Upper

69 100

41 62.6 49.7 74.5

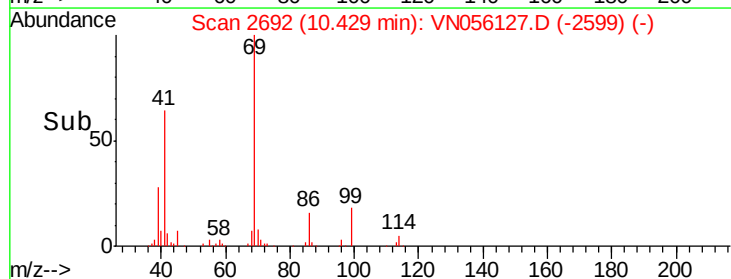
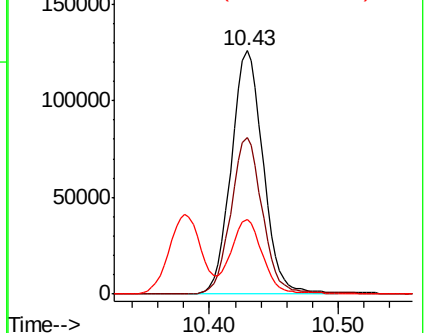
39 29.5 24.7 37.1

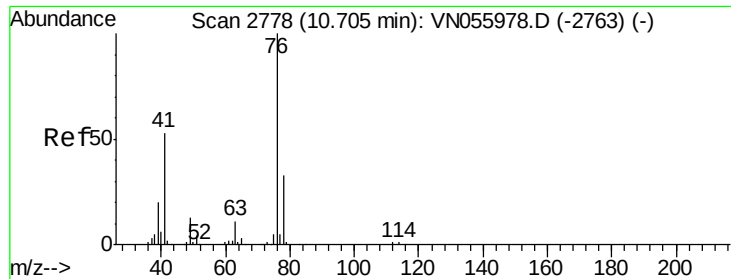


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

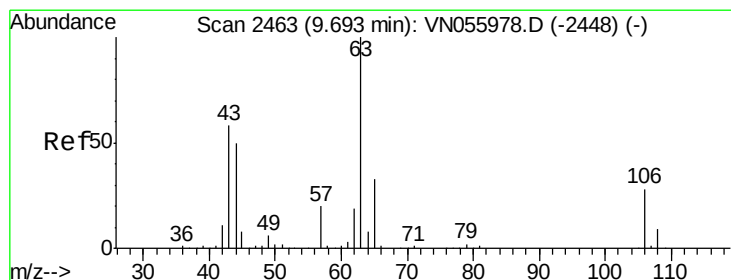
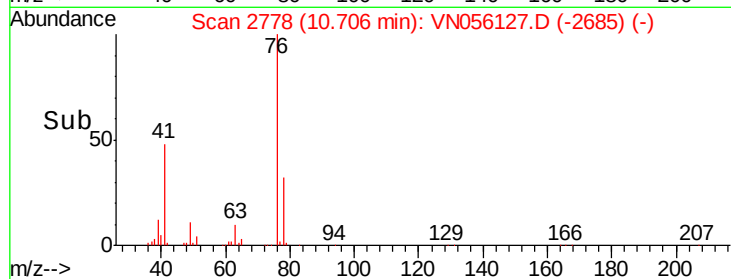
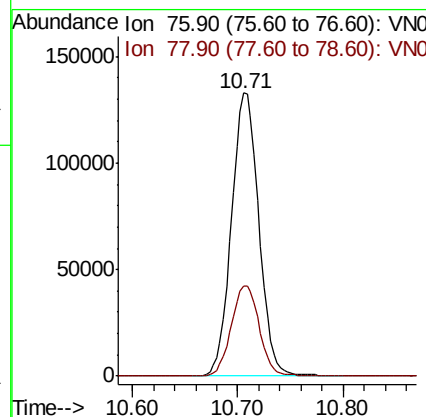
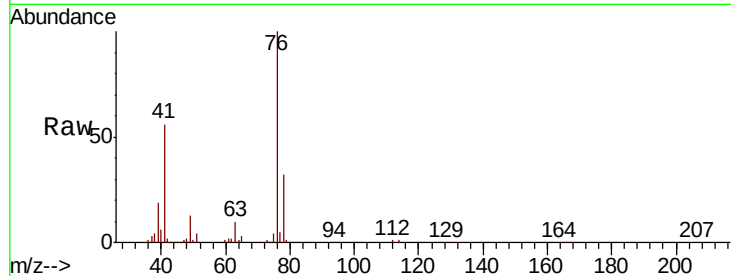




#57
 1,3-Dichloropropane
 Concen: 53.511 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

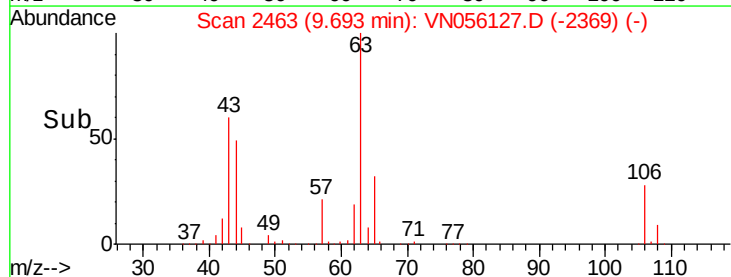
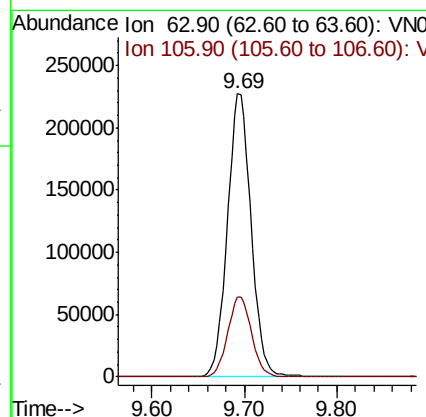
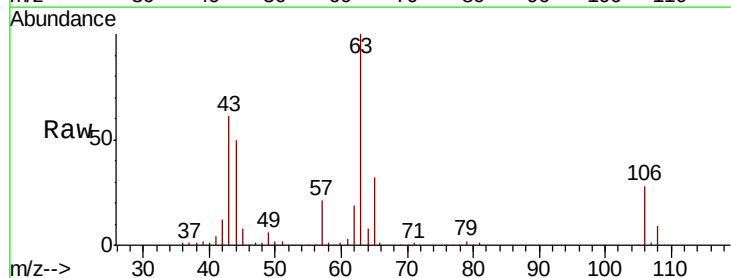
Instrument :
 MSVOA_N
 ClientSampled :

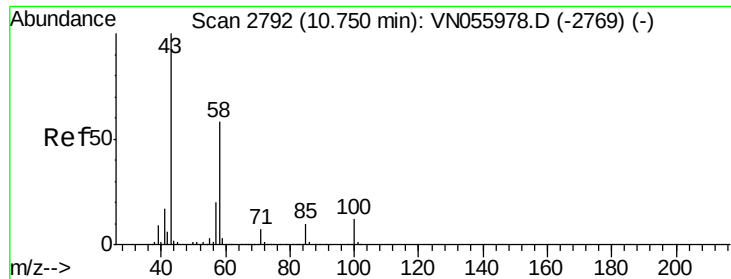
Tot Ion: 76 Resp: 238783
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.048 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

Tgt Ion: 63 Resp: 402089
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.7 34.1

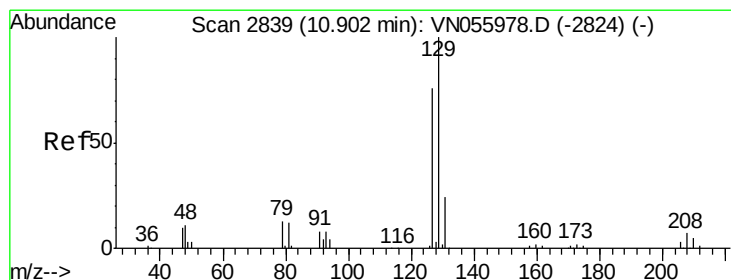
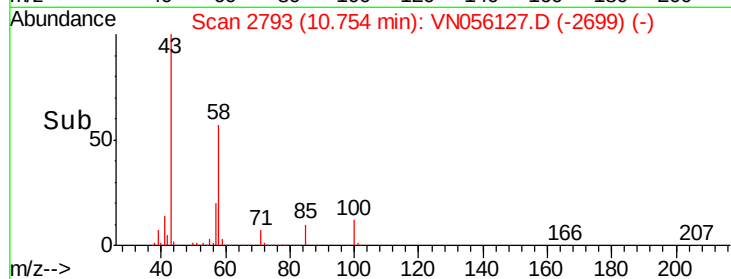
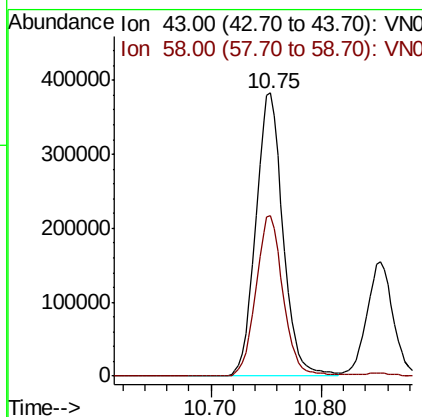
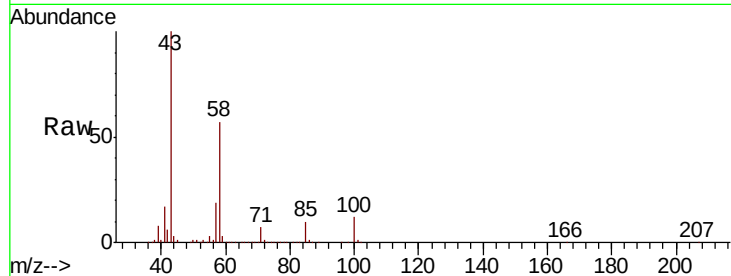




#59
2-Hexanone
Concen: 272.178 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

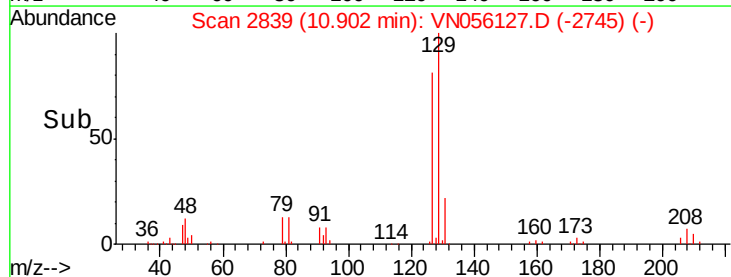
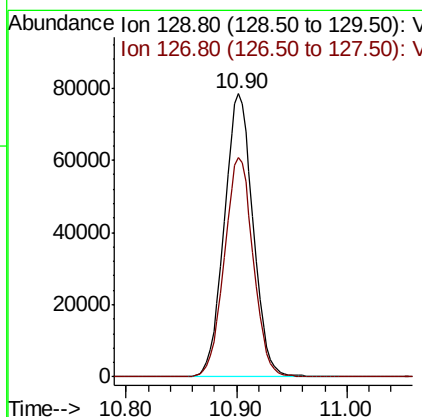
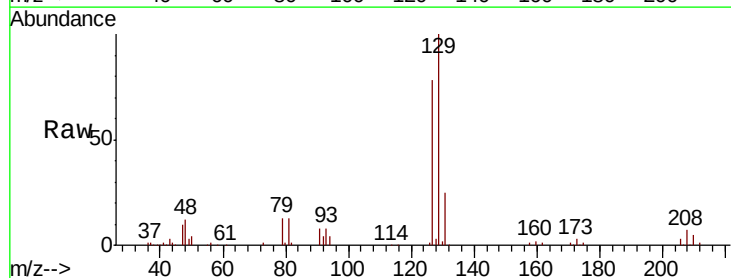
Instrument :
MSVOA_N
ClientSampled :

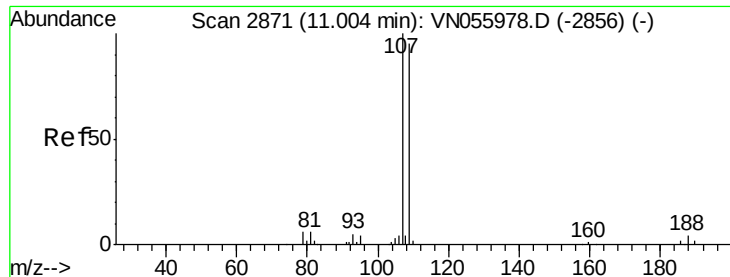
Tot Ion: 43 Resp: 652171
Ion Ratio Lower Upper
43 100
58 57.1 28.2 84.7



#60
Dibromochloromethane
Concen: 47.017 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion: 129 Resp: 141877
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3

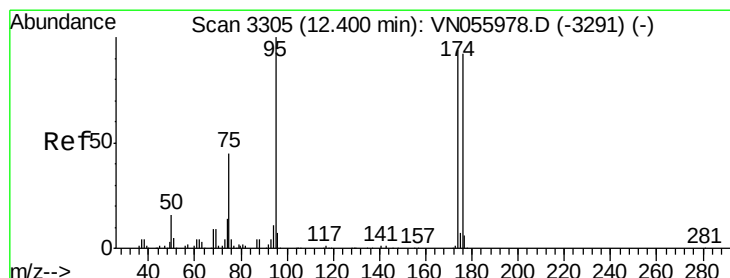
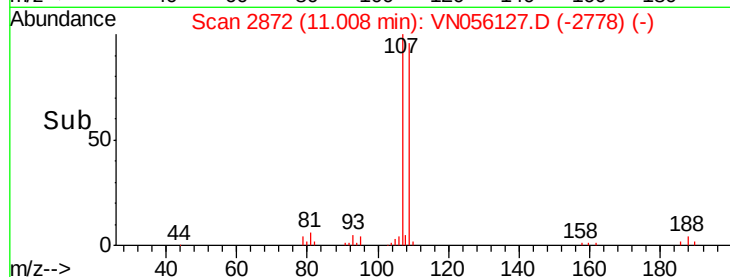
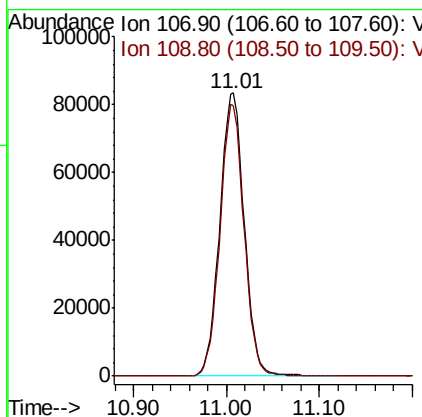
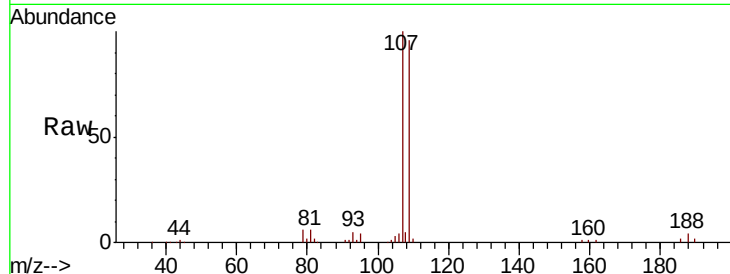




#61
 1,2-Dibromoethane
 Concen: 54.453 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

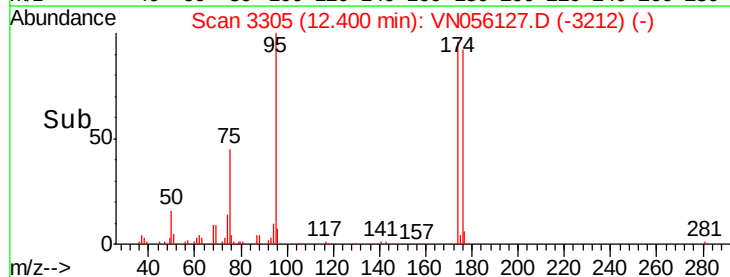
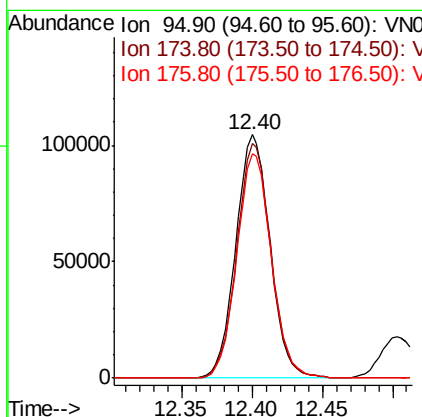
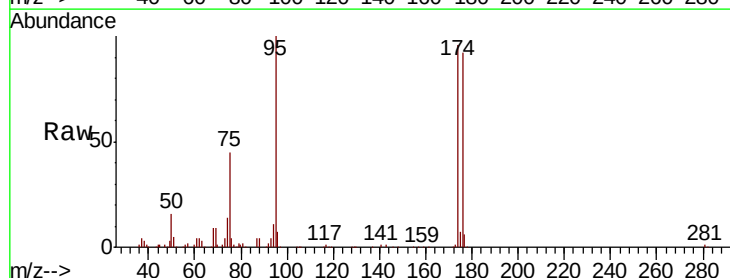
Instrument :
 MSVOA_N
 ClientSampled :

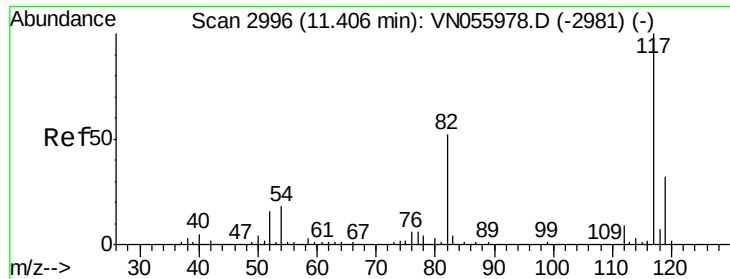
Tot Ion: 107 Resp: 152806
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.842 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

Tgt Ion: 95 Resp: 177489
 Ion Ratio Lower Upper
 95 100
 174 96.5 0.0 191.0
 176 93.2 0.0 185.2

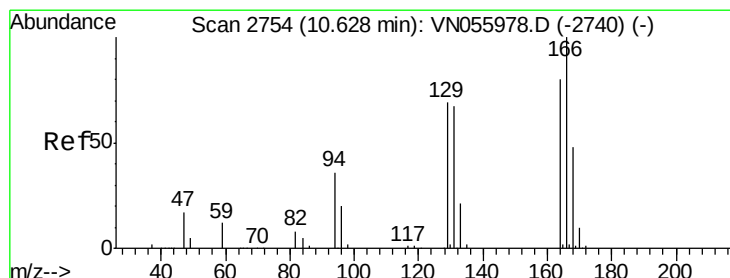
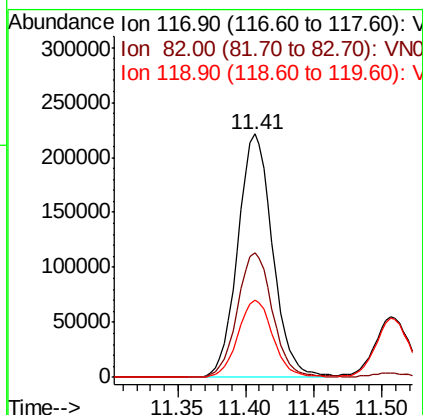
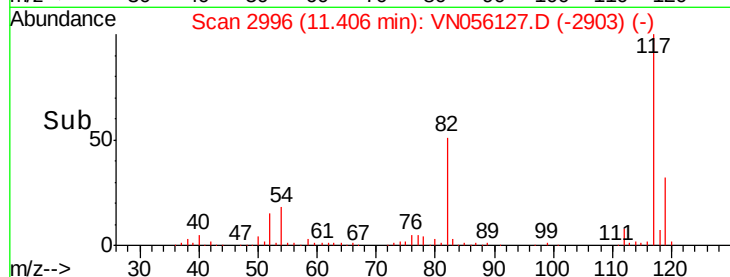
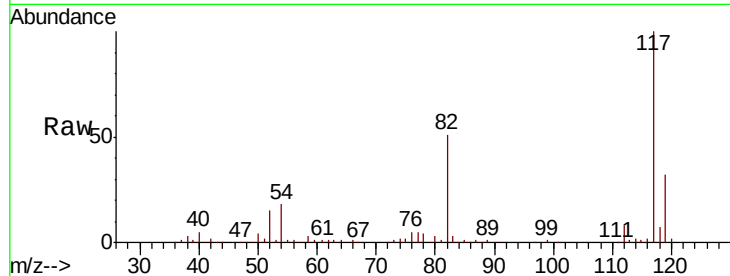




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

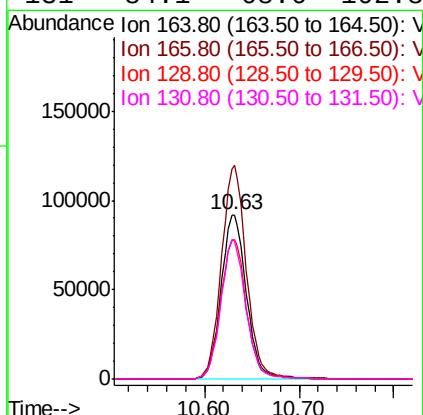
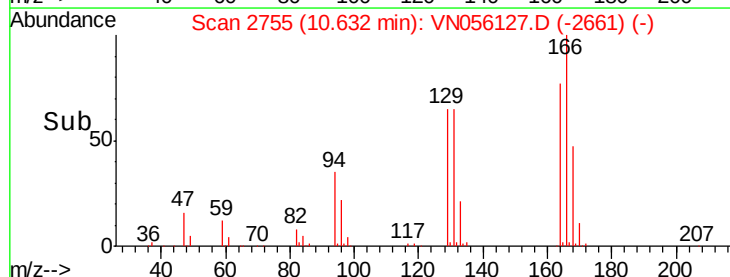
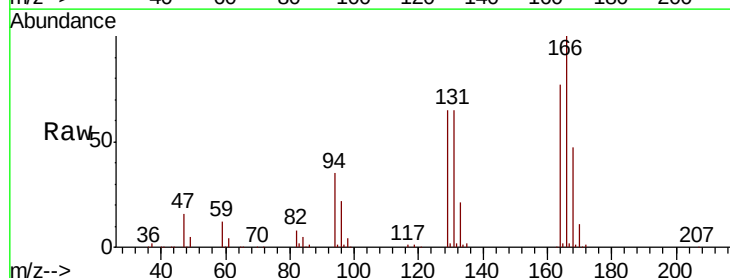
Instrument :
MSVOA_N
ClientSampled :

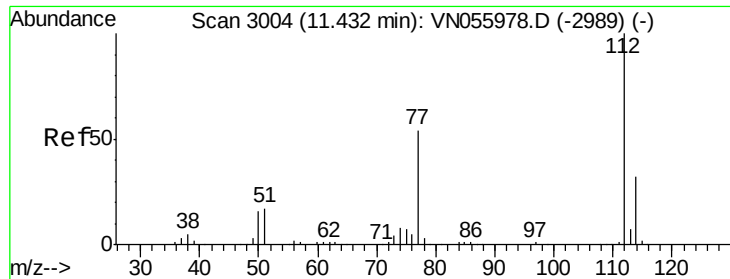
Tot Ion:117 Resp: 392667
Ion Ratio Lower Upper
117 100
82 51.1 41.8 62.8
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 50.234 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion:164 Resp: 170745
Ion Ratio Lower Upper
164 100
166 129.9 103.0 154.6
129 85.1 70.6 105.8
131 84.1 68.6 102.8

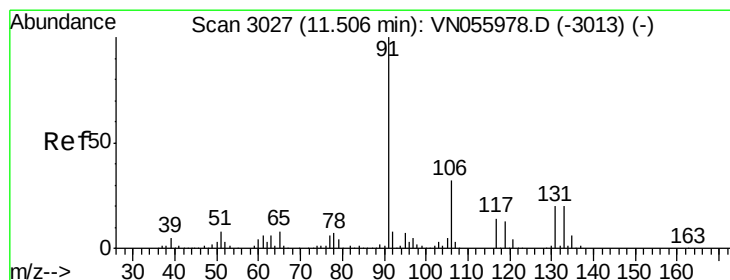
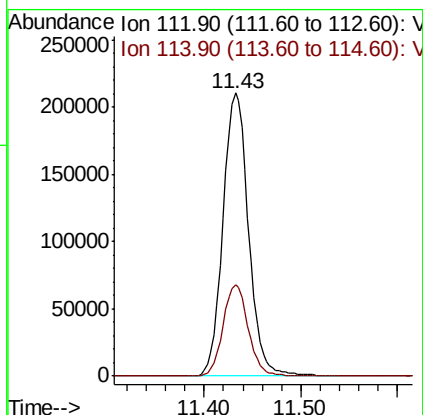
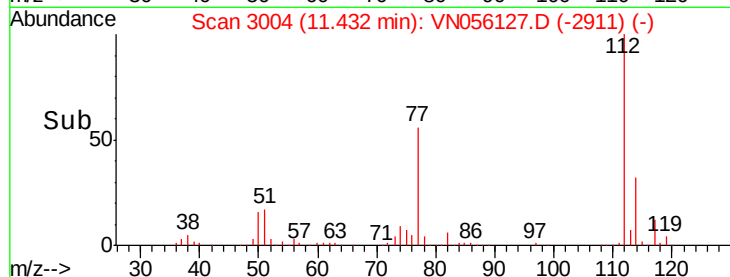
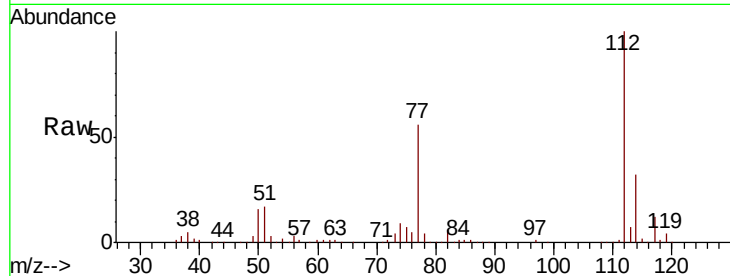




#65
Chlorobenzene
Concen: 49.509 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

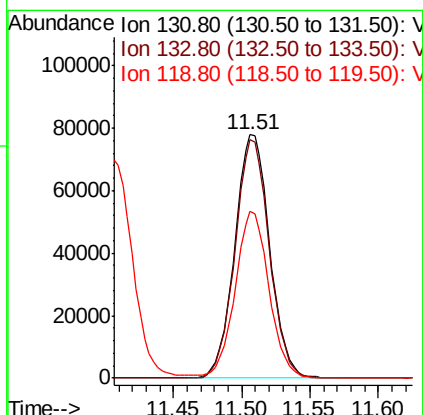
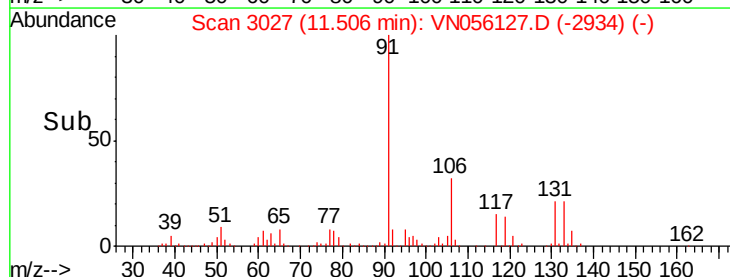
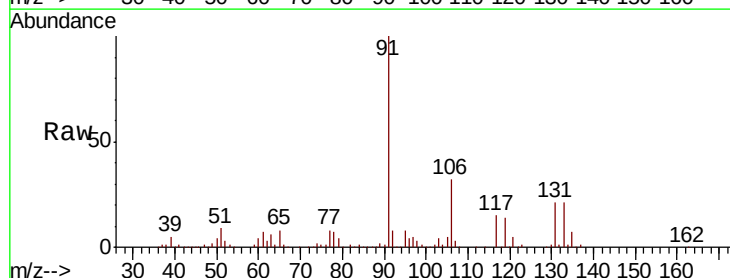
Instrument :
MSVOA_N
ClientSampled :

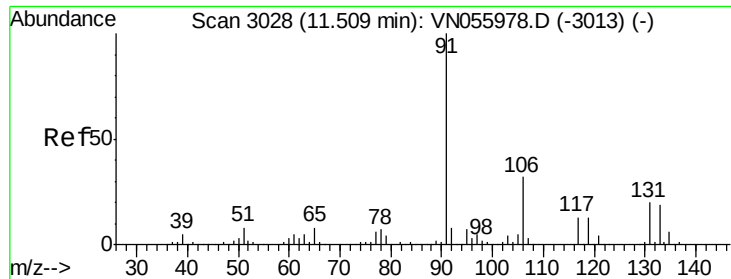
Tot Ion:112 Resp: 386906
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.259 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion:131 Resp: 138315
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 66.5 33.1 99.5

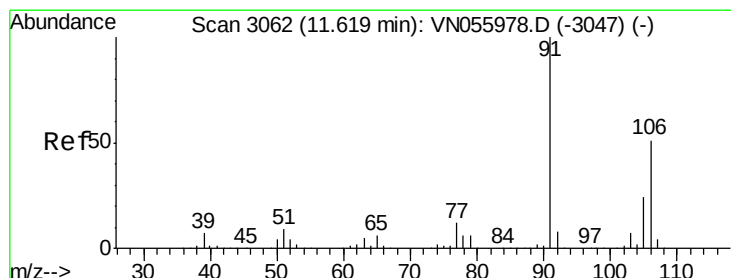
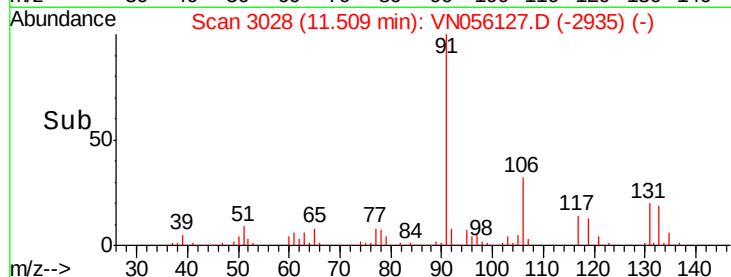
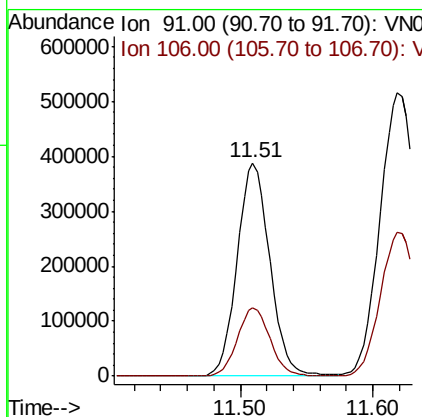
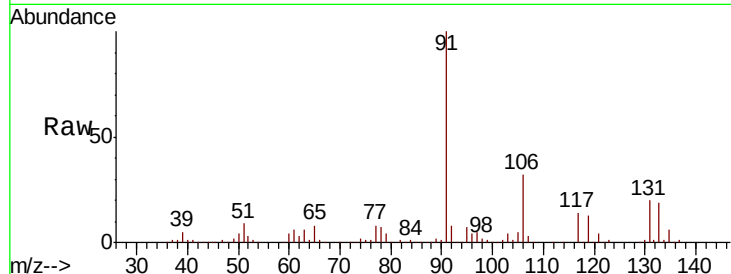




#67
Ethyl Benzene
Concen: 48.998 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

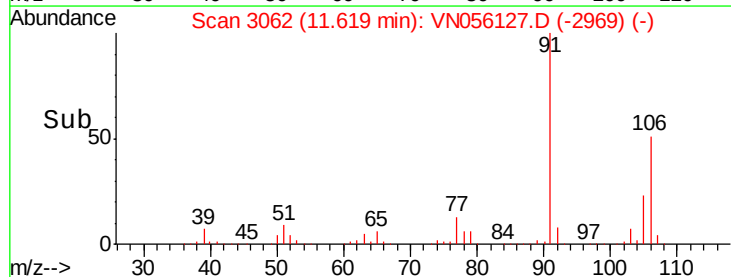
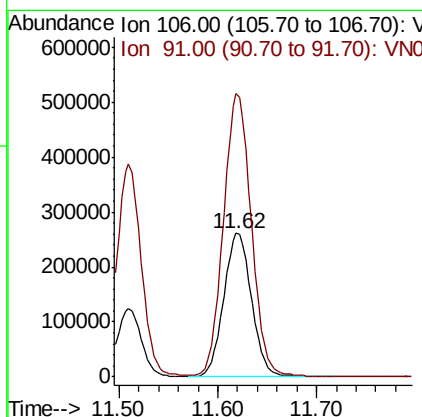
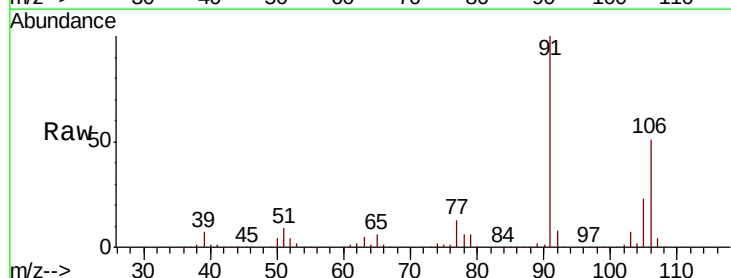
Instrument :
MSVOA_N
ClientSampled :

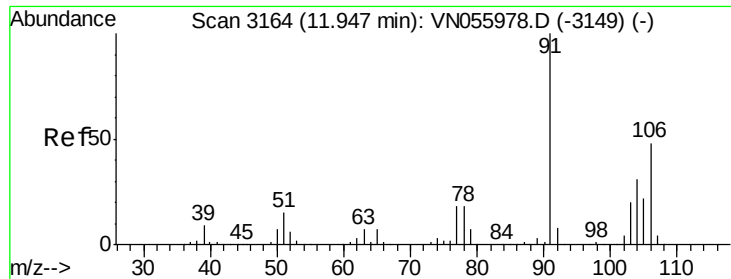
Tot Ion: 91 Resp: 665819
Ion Ratio Lower Upper
91 100
106 32.3 25.1 37.7



#68
m/p-Xylenes
Concen: 99.730 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion: 106 Resp: 517705
Ion Ratio Lower Upper
106 100
91 197.3 159.3 238.9

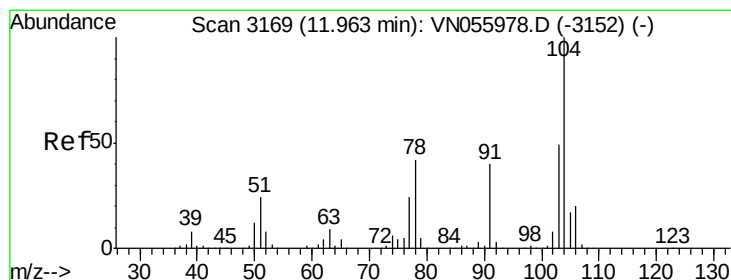
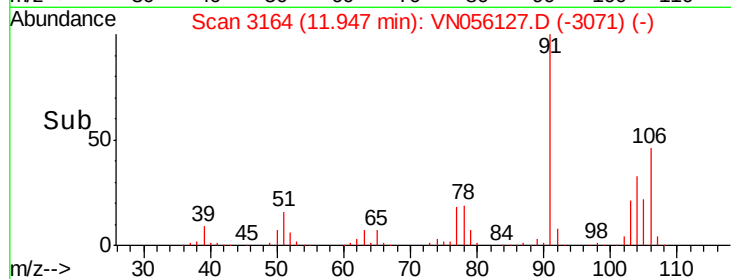
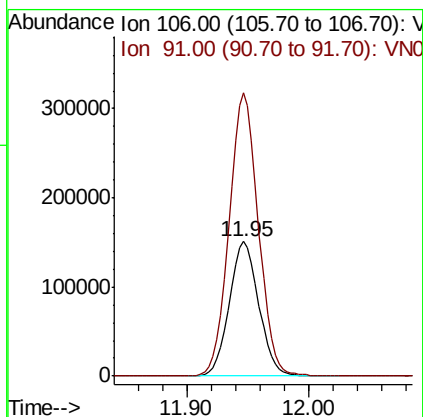
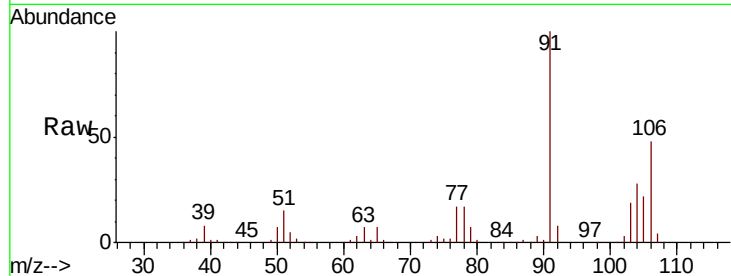




#69
o-Xylene
Concen: 49.775 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

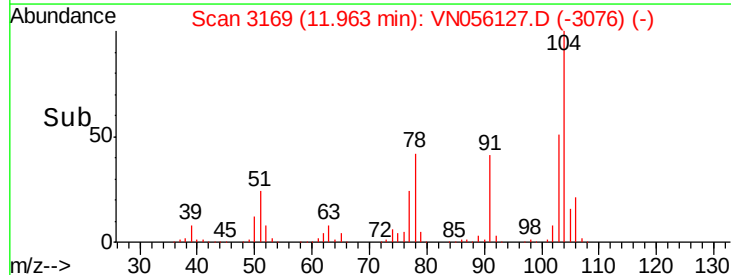
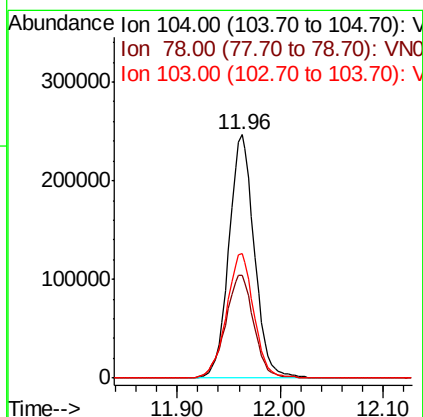
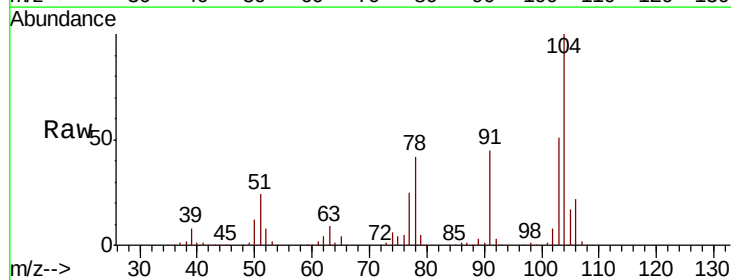
Instrument :
MSVOA_N
ClientSampled :

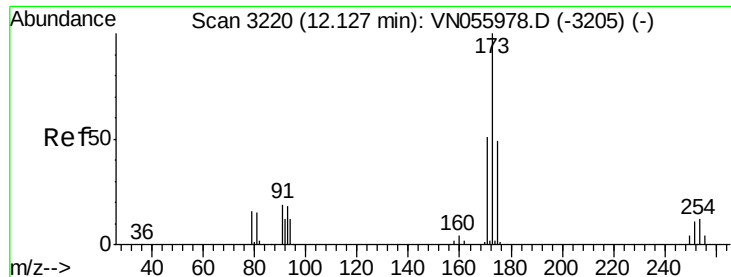
Tot Ion:106 Resp: 254162
Ion Ratio Lower Upper
106 100
91 208.5 104.7 314.1



#70
Styrene
Concen: 52.274 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion:104 Resp: 424107
Ion Ratio Lower Upper
104 100
78 47.1 37.8 56.6
103 55.2 44.2 66.2





#71

Bromoform

Concen: 44.918 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampled :

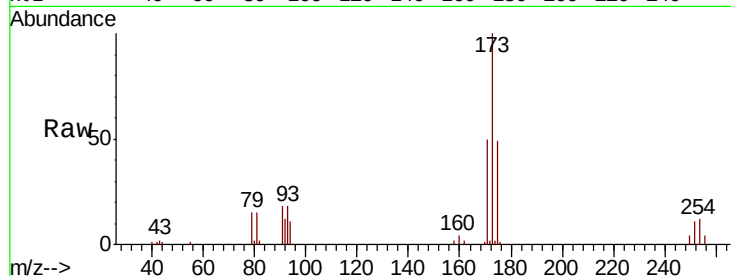
Tot Ion:173 Resp: 101092

Ion Ratio Lower Upper

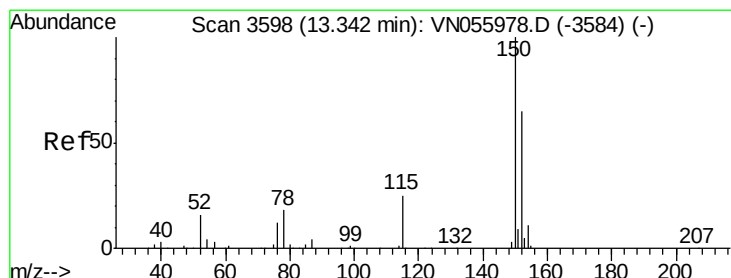
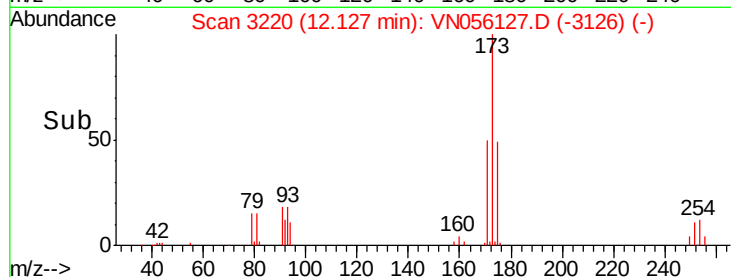
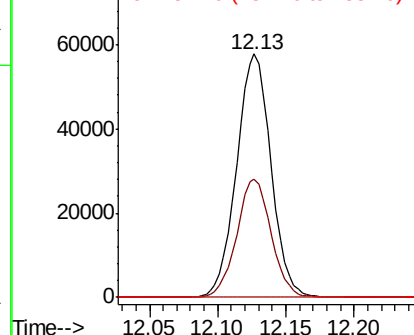
173 100

175 48.5 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

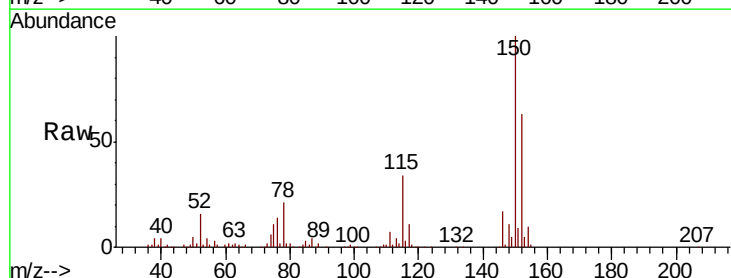
Tgt Ion:152 Resp: 175570

Ion Ratio Lower Upper

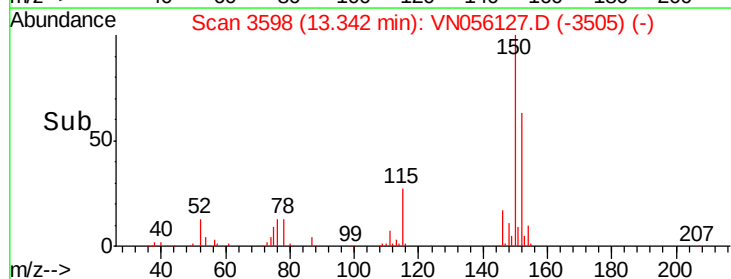
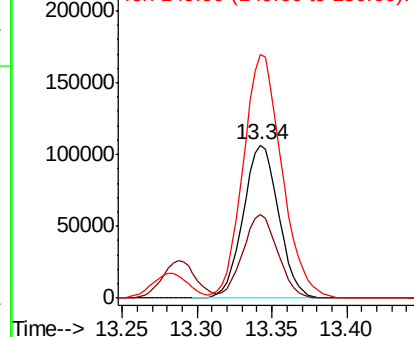
152 100

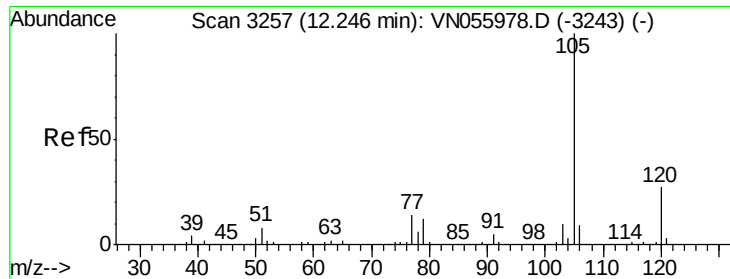
115 54.0 27.0 81.0

150 174.3 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.530 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

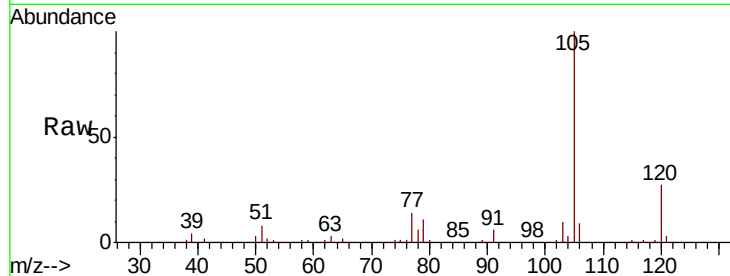
ClientSampleId :

Tot Ion:105 Resp: 667774

Ion Ratio Lower Upper

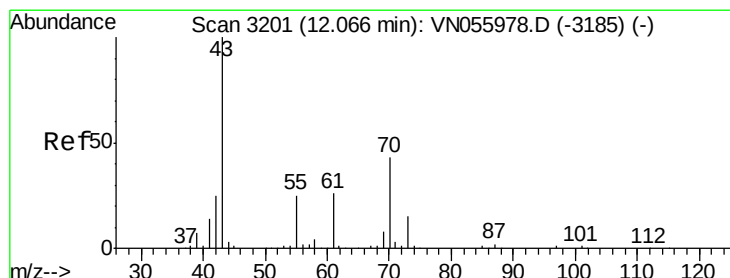
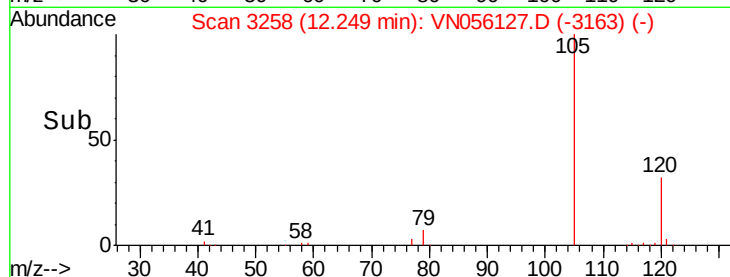
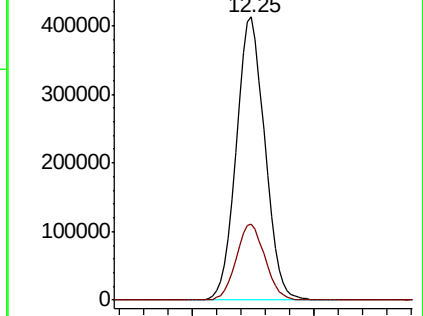
105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.162 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Tgt Ion: 43 Resp: 239443

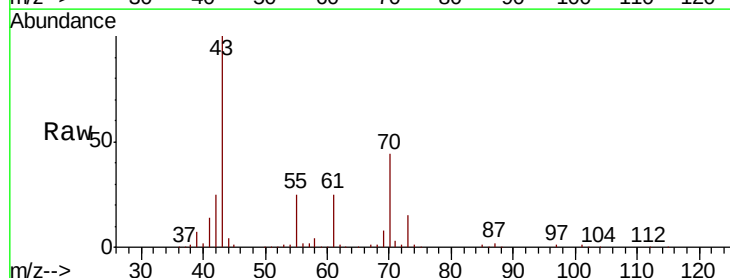
Ion Ratio Lower Upper

43 100

70 43.9 34.0 51.0

55 25.2 18.6 28.0

61 25.1 20.0 30.0

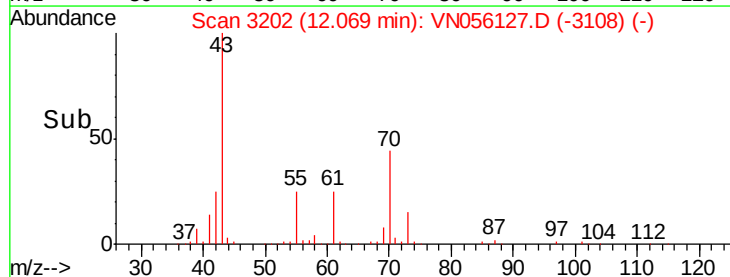
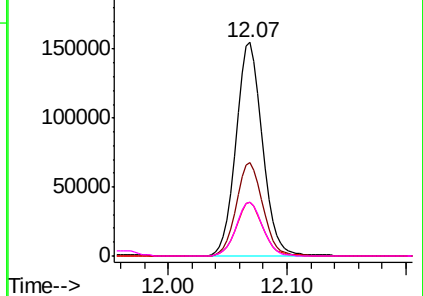


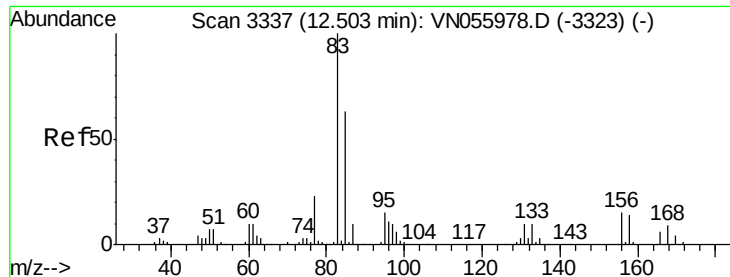
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.791 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampleId :

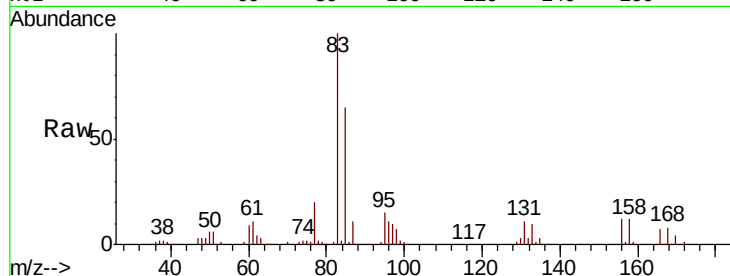
Tot Ion: 83 Resp: 202934

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

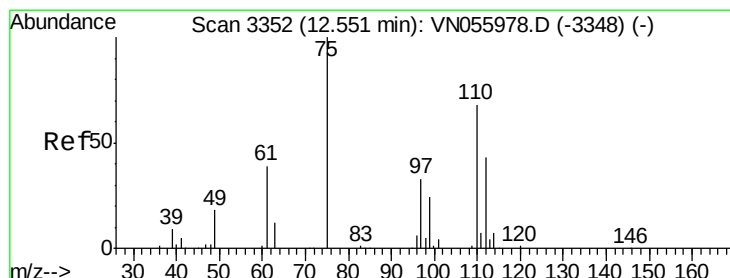
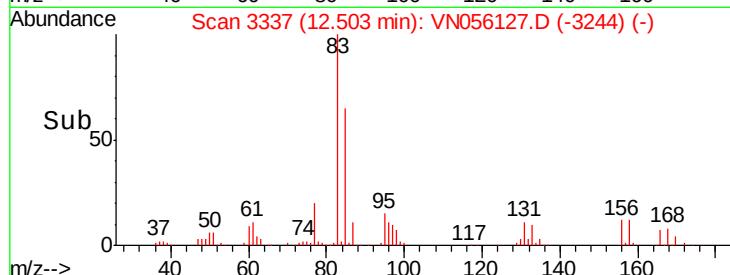
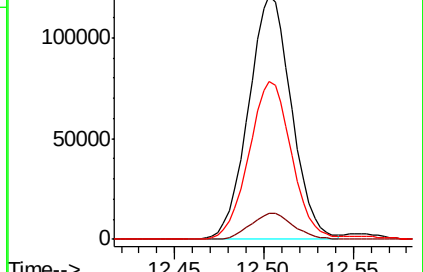
85 64.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055978.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 71.428 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056127.D

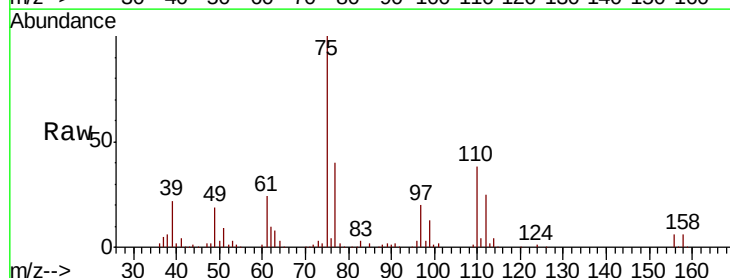
Acq: 8 Jun 2019 3:16

Tgt Ion: 75 Resp: 230753

Ion Ratio Lower Upper

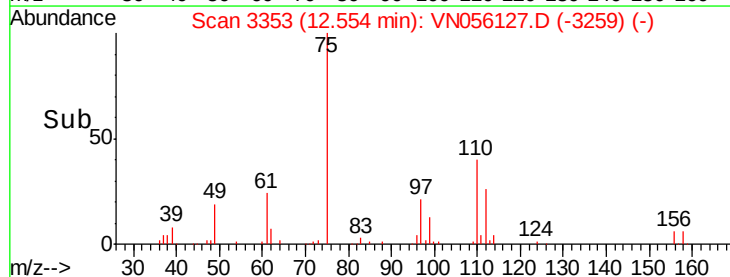
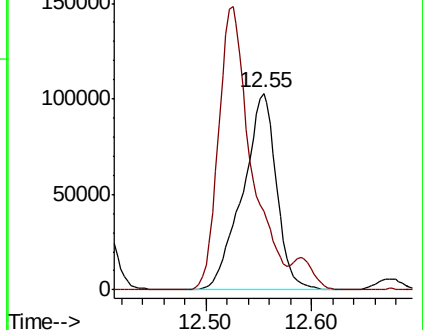
75 100

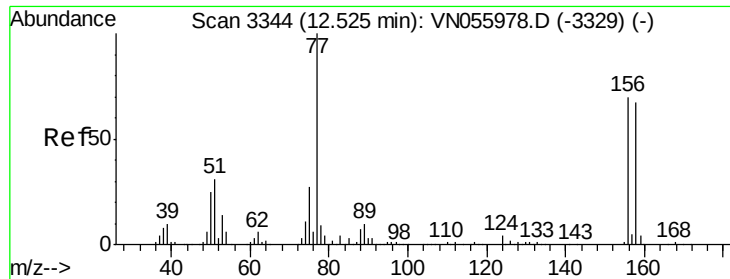
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055978.D (-3348) (-)





#77

Bromobenzene

Concen: 48.207 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampleId :

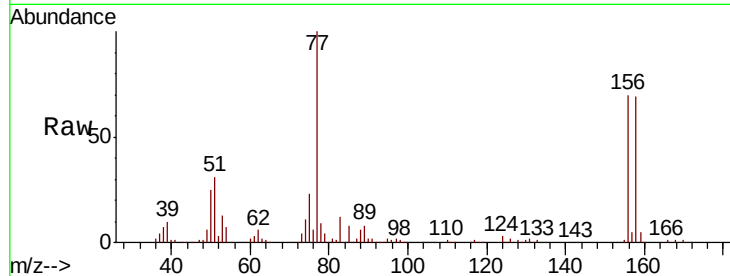
Tot Ion:156 Resp: 181206

Ion Ratio Lower Upper

156 100

77 175.3 90.8 272.5

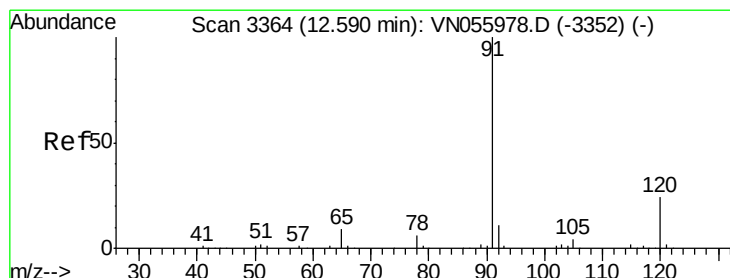
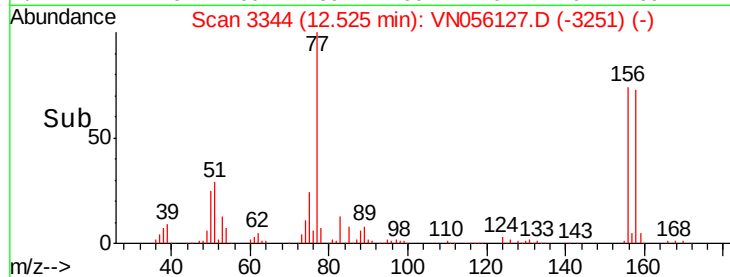
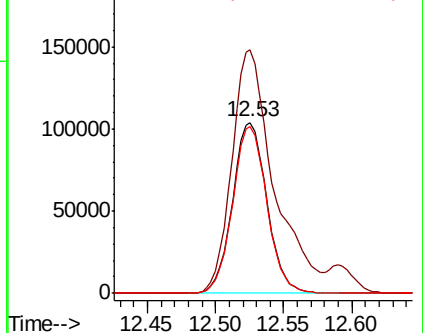
158 97.6 49.3 147.8



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: 47.995 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056127.D

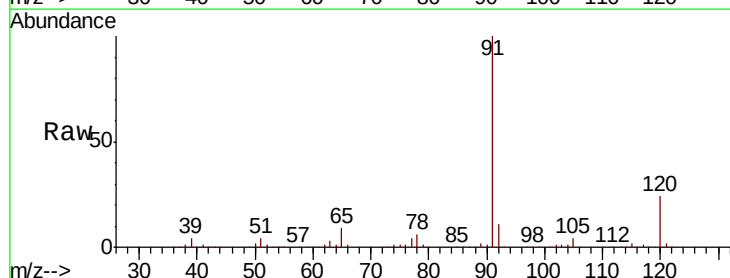
Acq: 8 Jun 2019 3:16

Tgt Ion: 91 Resp: 712877

Ion Ratio Lower Upper

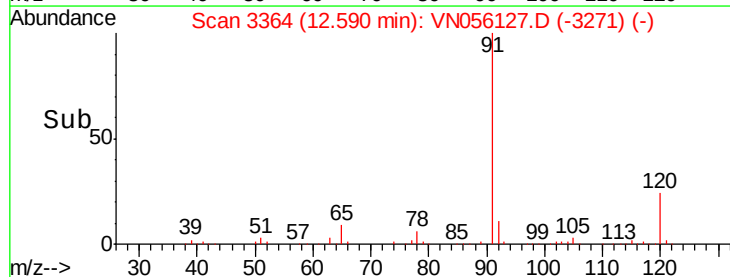
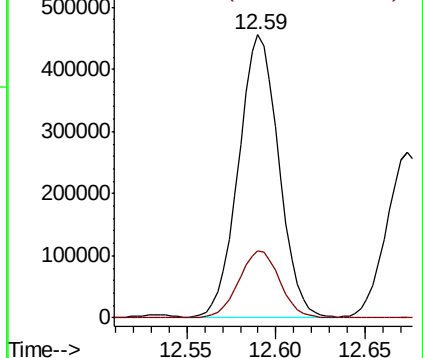
91 100

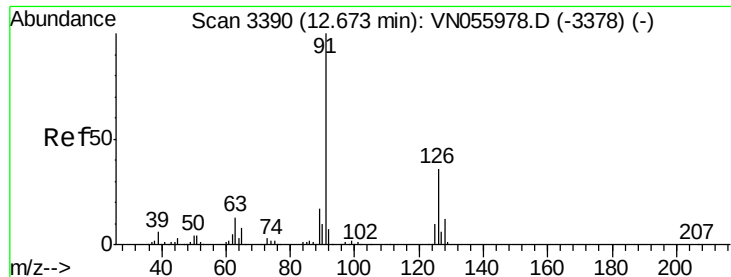
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.310 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

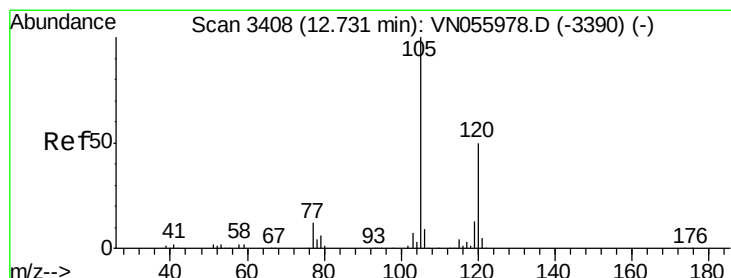
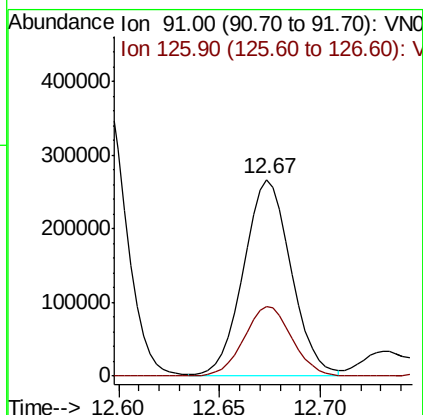
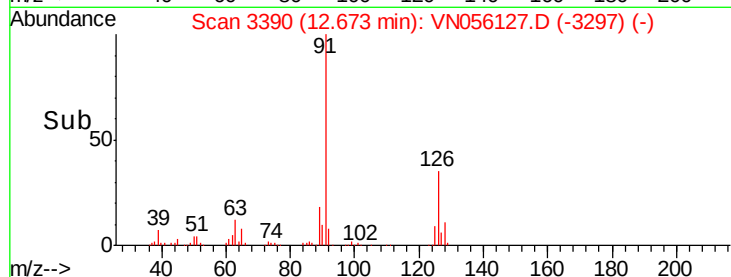
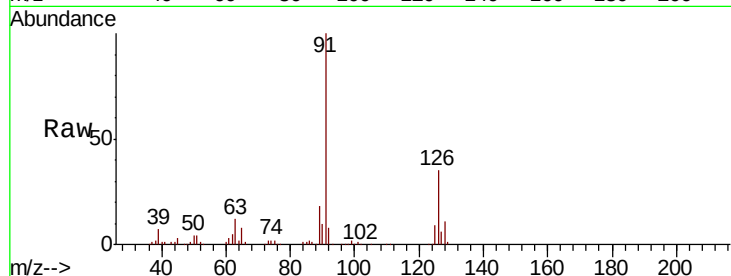
ClientSampled :

Tot Ion: 91 Resp: 437928

Ion Ratio Lower Upper

91 100

126 35.9 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 46.676 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056127.D

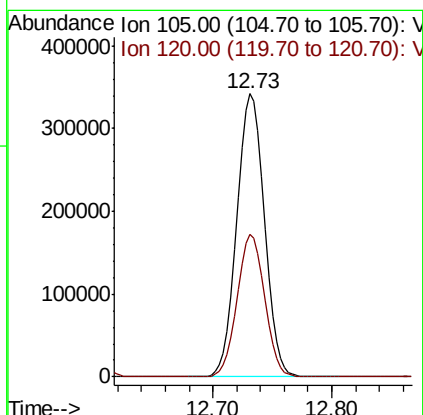
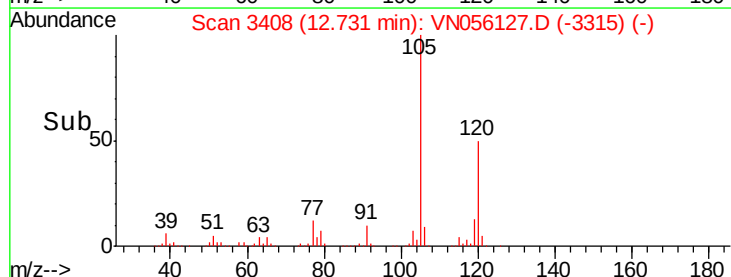
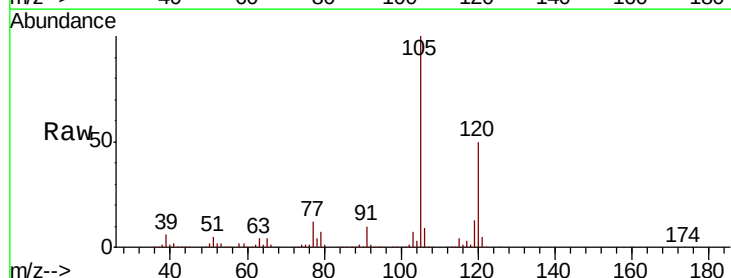
Acq: 8 Jun 2019 3:16

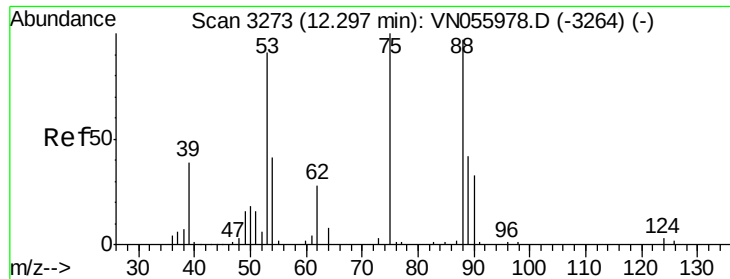
Tgt Ion: 105 Resp: 550988

Ion Ratio Lower Upper

105 100

120 50.0 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 43.385 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampleId :

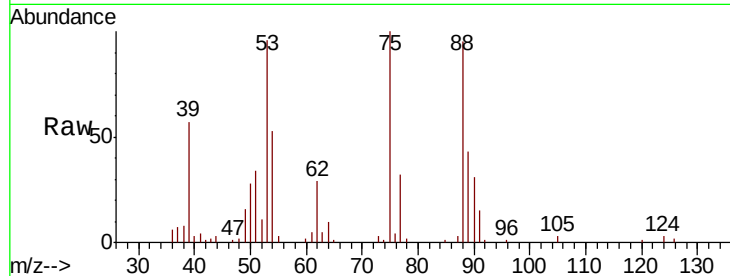
Tot Ion: 75 Resp: 42087

Ion Ratio Lower Upper

75 100

53 101.3 68.1 102.1

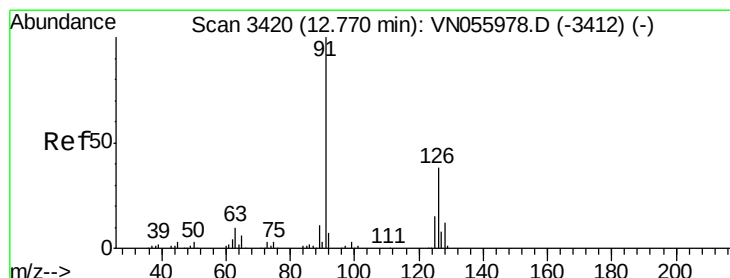
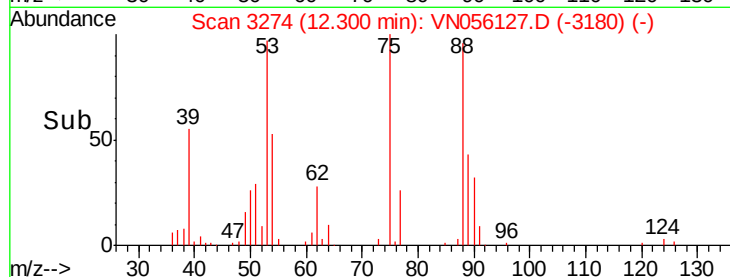
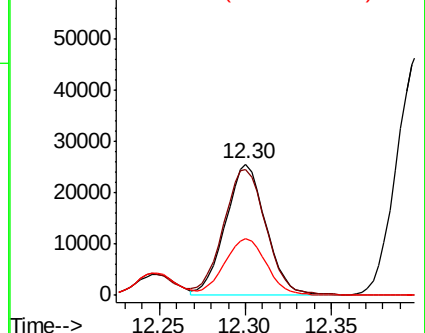
89 44.5 36.9 55.3



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: 48.452 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056127.D

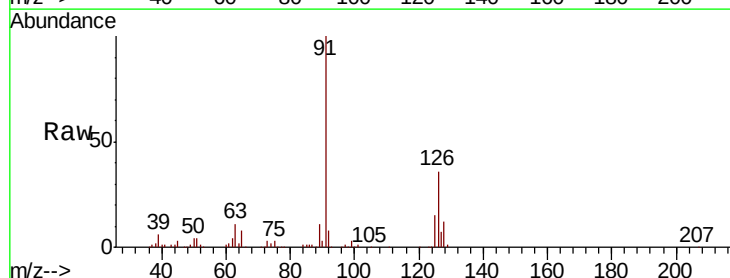
Acq: 8 Jun 2019 3:16

Tgt Ion: 91 Resp: 421031

Ion Ratio Lower Upper

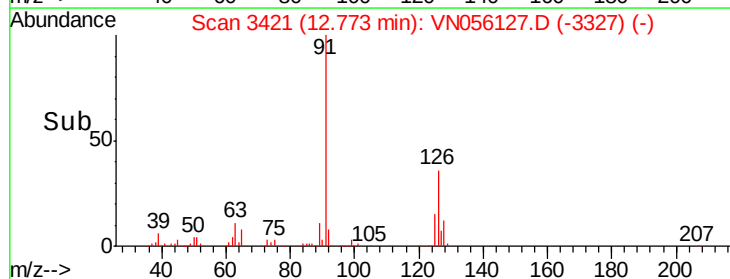
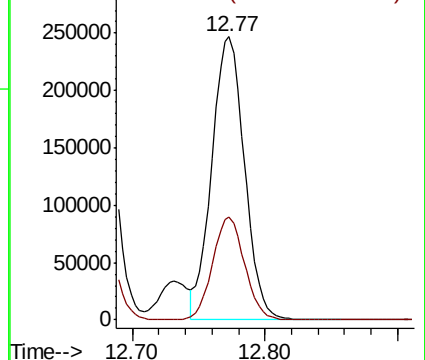
91 100

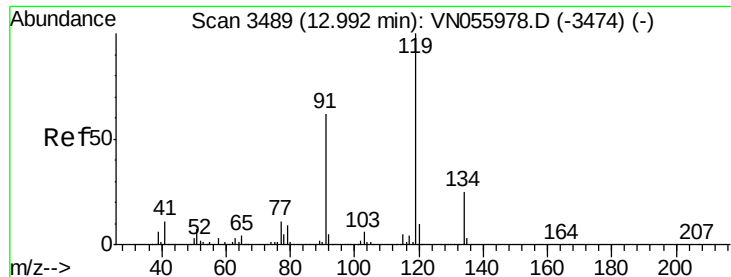
126 35.7 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

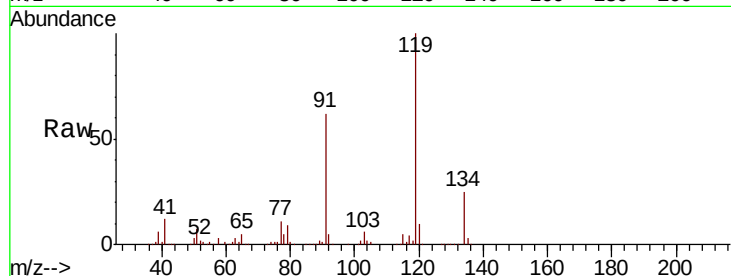




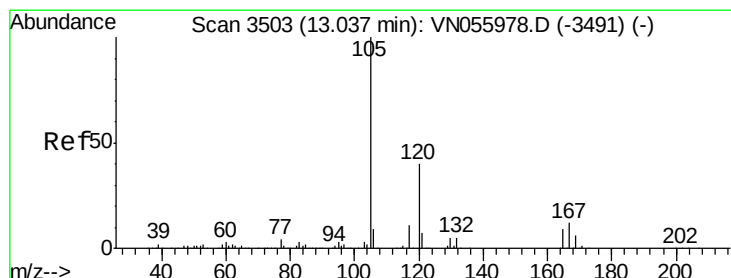
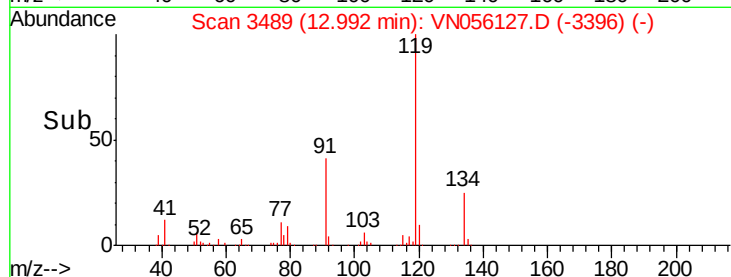
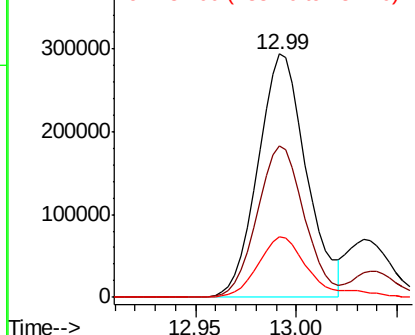
#83
tert-Butylbenzene
Concen: 53.708 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.9	30.9	92.8
134	26.4	13.3	39.8

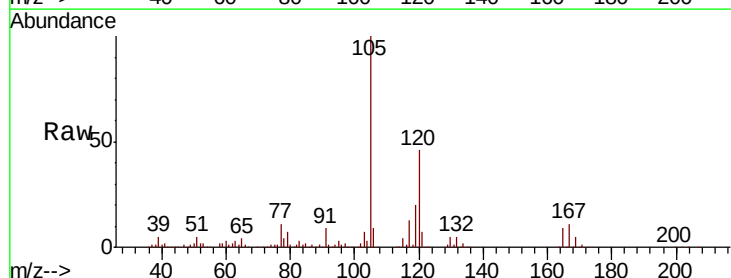


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VN
Ion 134.00 (133.70 to 134.70): V

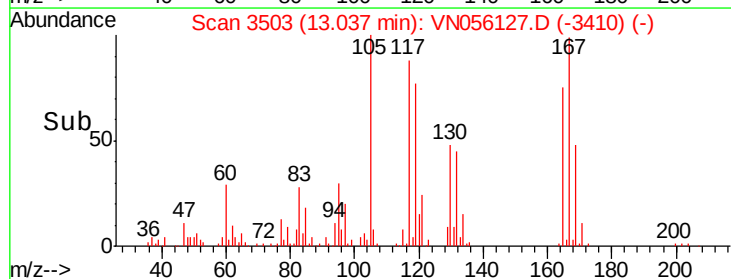
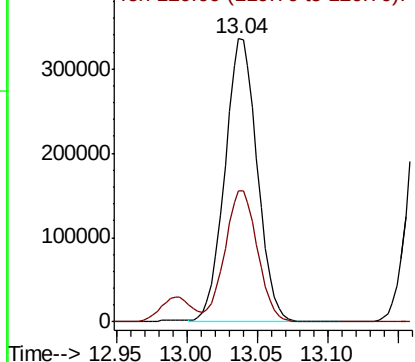


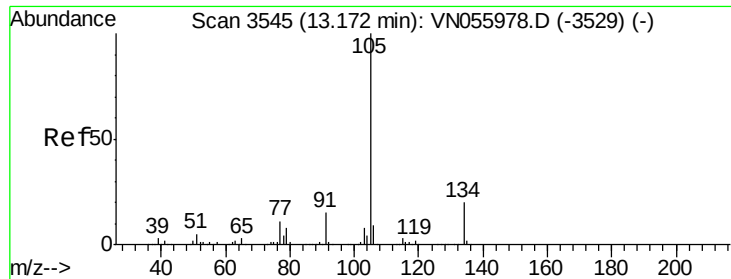
#84
1,2,4-Trimethylbenzene
Concen: 47.987 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056127.D
Acq: 8 Jun 2019 3:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.0	69.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.527 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

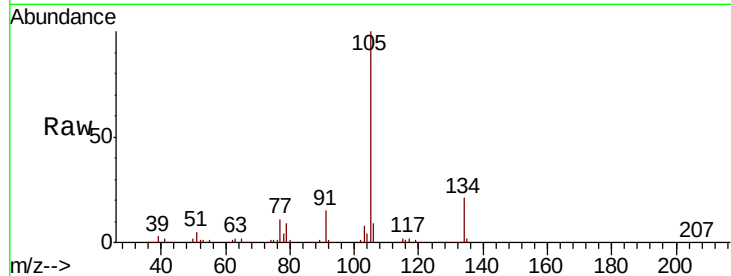
ClientSampleId :

Tot Ion:105 Resp: 625165

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

400000

300000

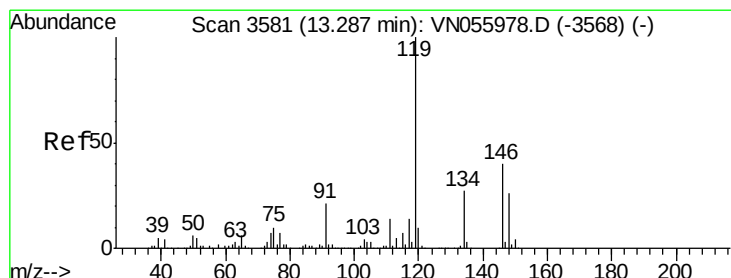
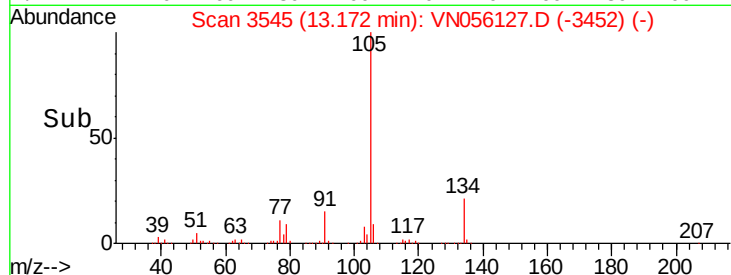
200000

100000

0

Time-->

13.10 13.20



#86

p-Isopropyltoluene

Concen: 47.571 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

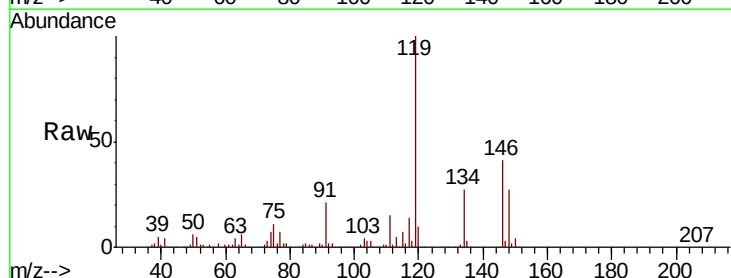
Tgt Ion:119 Resp: 560016

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 21.5 10.9 32.9



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

500000

400000

300000

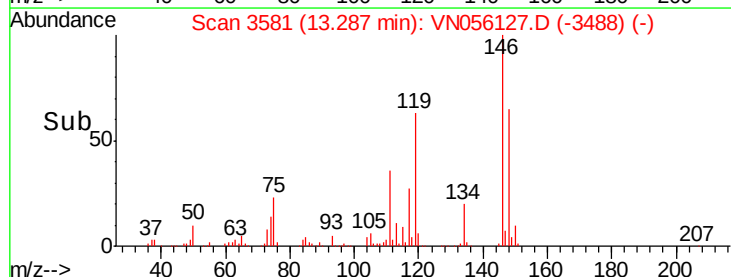
200000

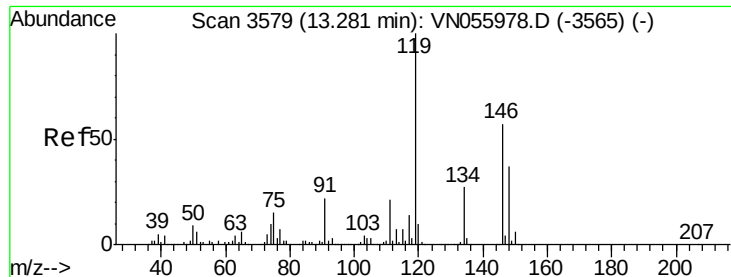
100000

0

Time-->

13.20 13.25 13.30 13.35

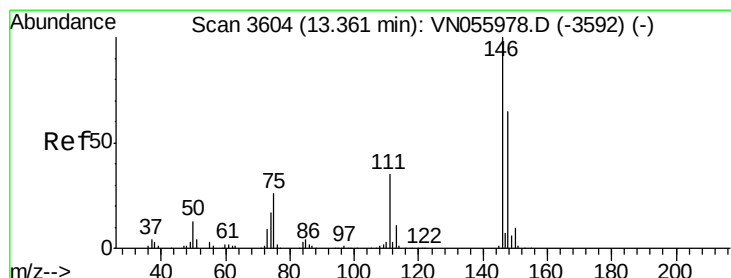
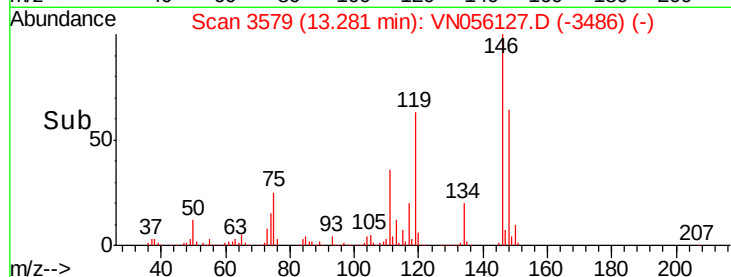
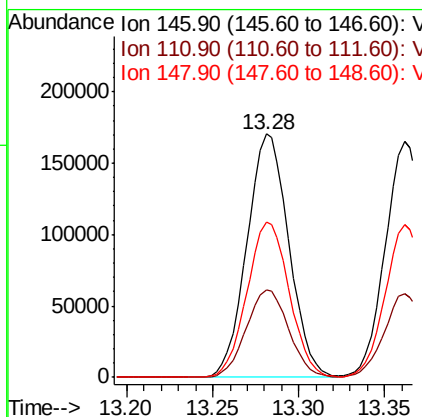
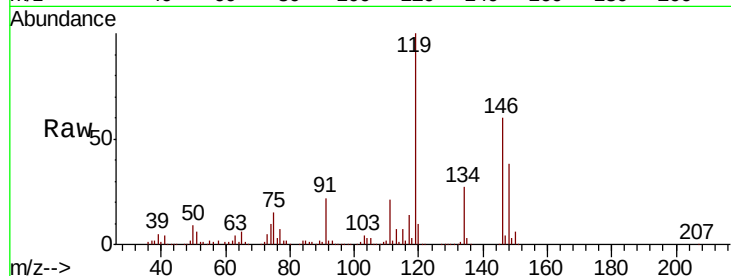




#87
 1,3-Dichlorobenzene
 Concen: 49.414 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

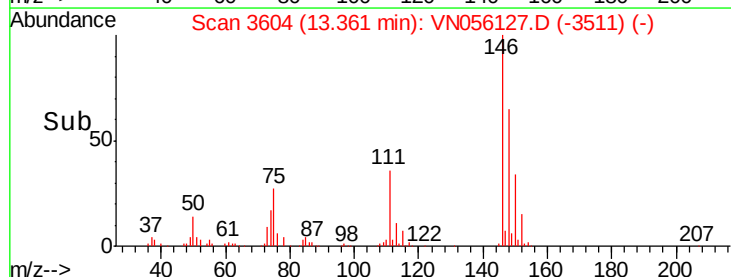
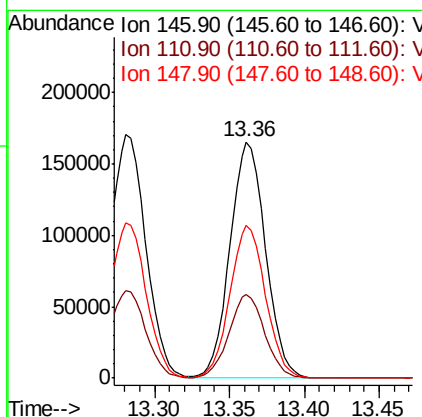
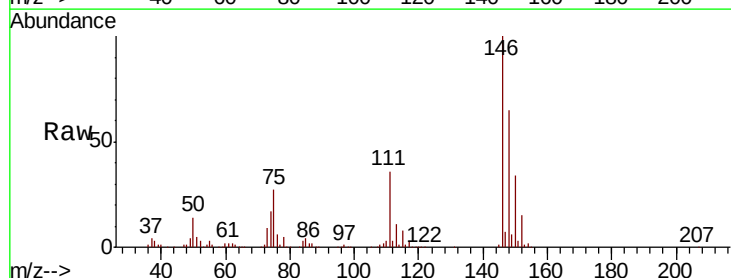
Instrument :
 MSVOA_N
 ClientSampled :

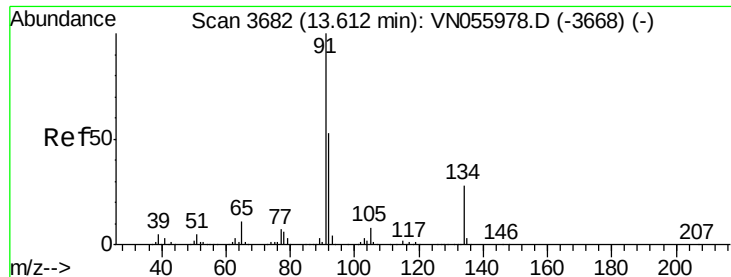
Tot Ion:146 Resp: 287477
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.5 55.5
 148 64.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.928 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

Tgt Ion:146 Resp: 273819
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.1 54.4
 148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 47.529 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampled :

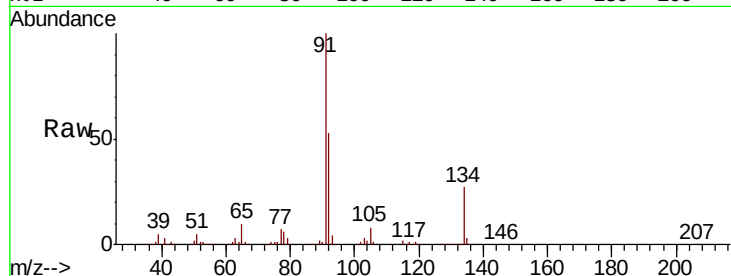
Tot Ion: 91 Resp: 414484

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.0

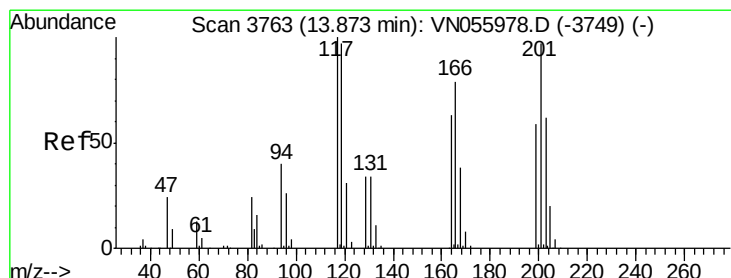
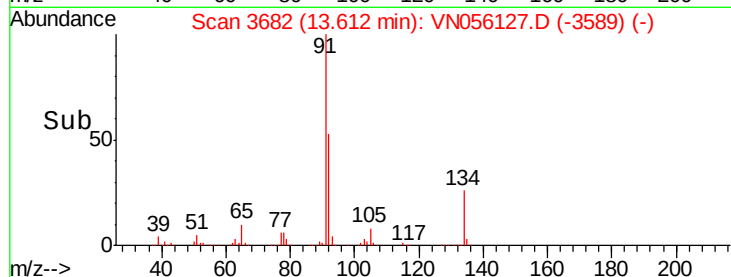
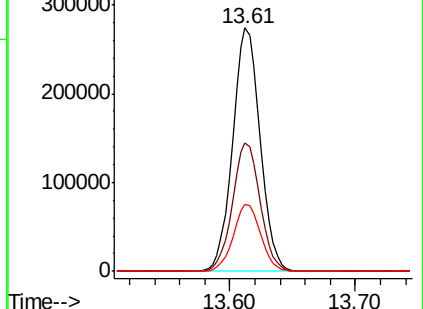
134 27.4 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)



#90

Hexachloroethane

Concen: 46.891 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN056127.D

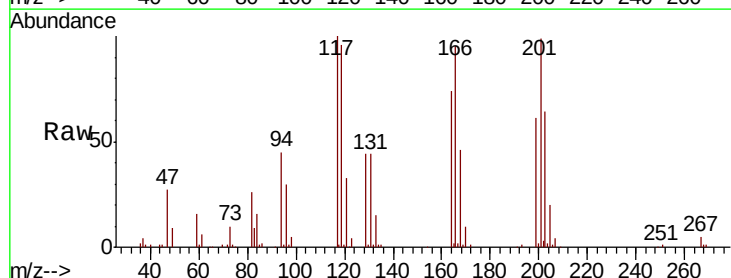
Acq: 8 Jun 2019 3:16

Tgt Ion: 117 Resp: 83247

Ion Ratio Lower Upper

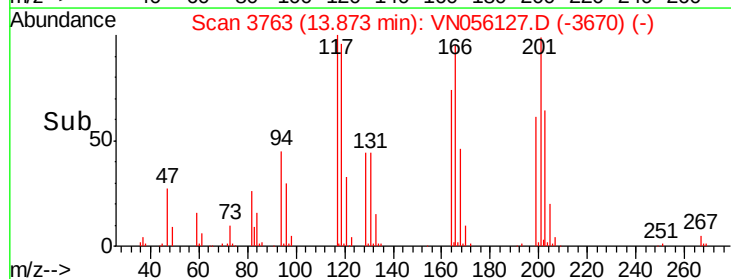
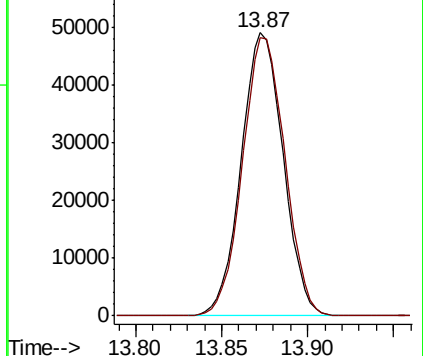
117 100

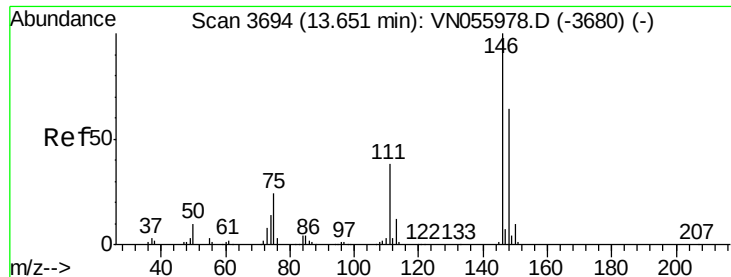
201 99.3 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)

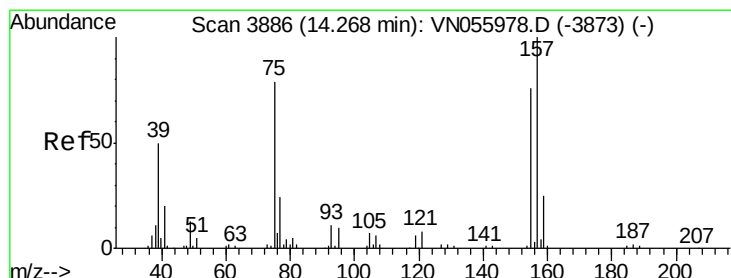
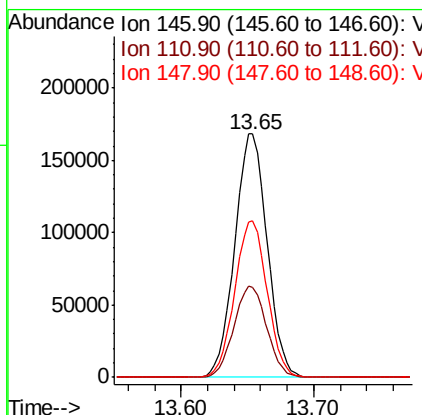
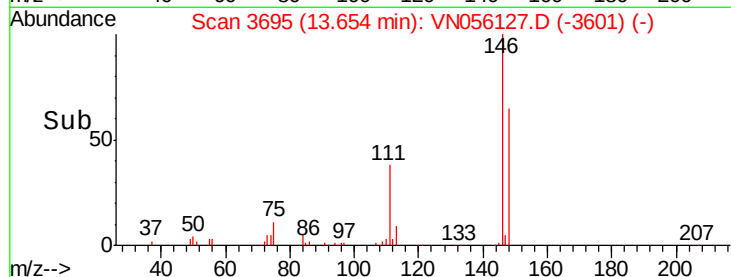
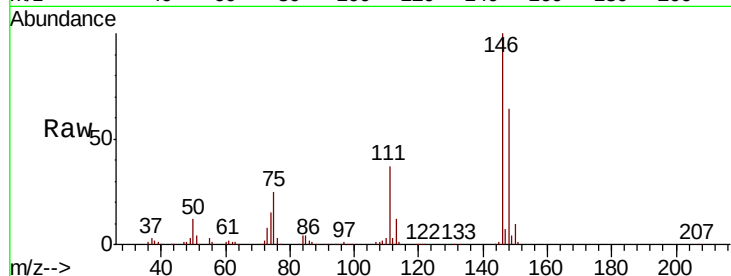




#91
 1,2-Dichlorobenzene
 Concen: 48.526 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

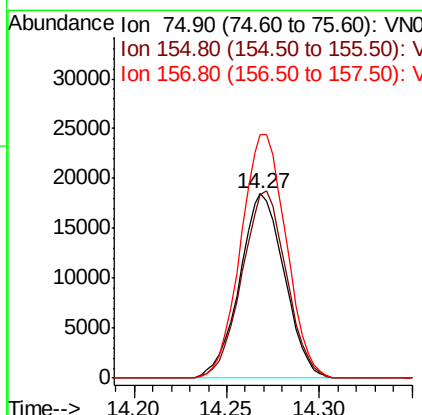
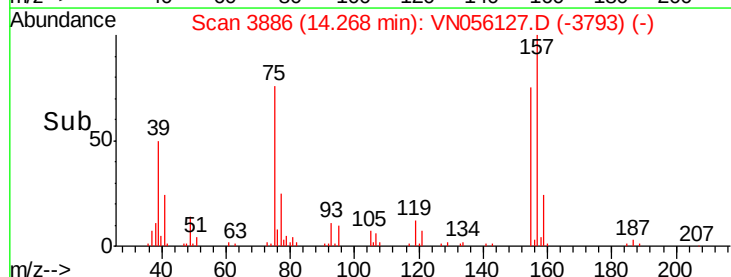
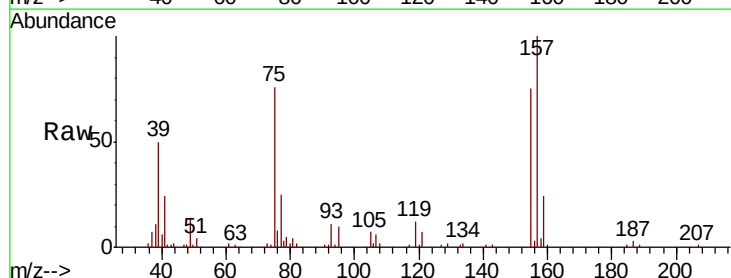
Instrument :
 MSVOA_N
 ClientSampled :

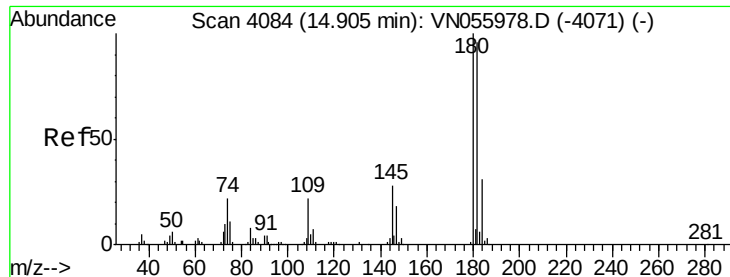
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.5
148	64.4	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.155 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.4	50.0	150.1
157	133.5	64.8	194.3

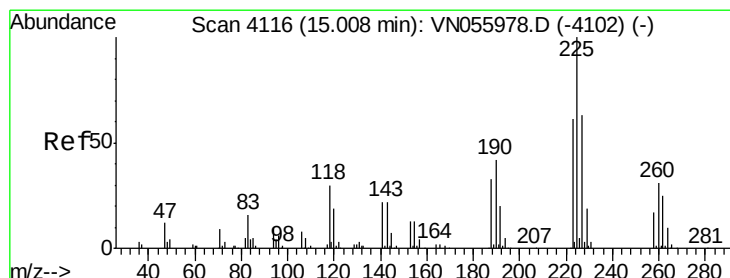
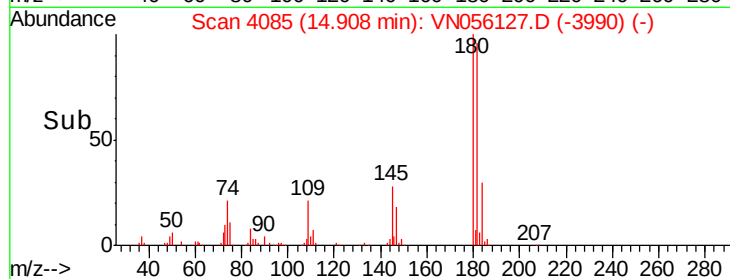
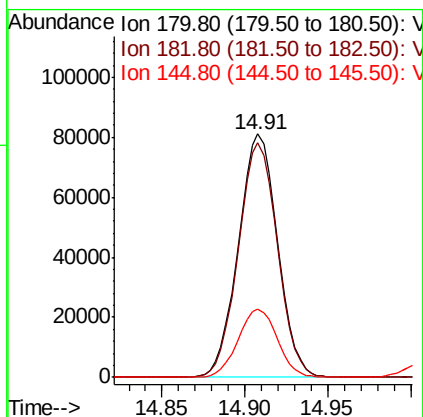
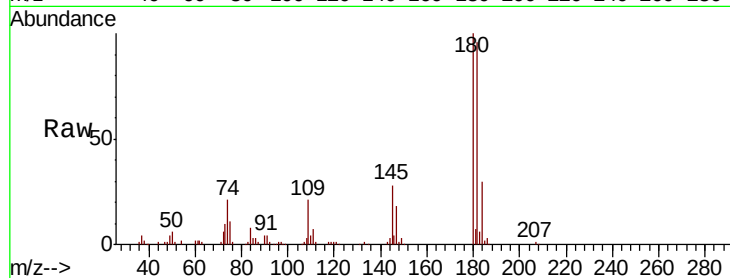




#93
 1,2,4-Trichlorobenzene
 Concen: 41.969 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

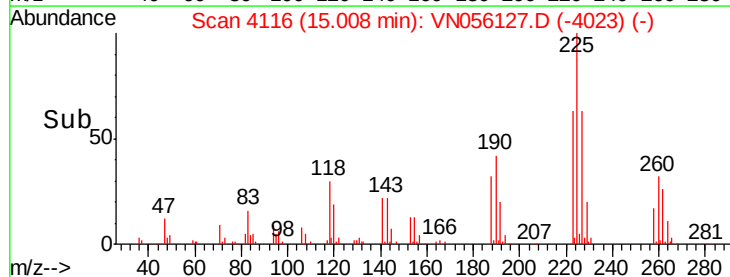
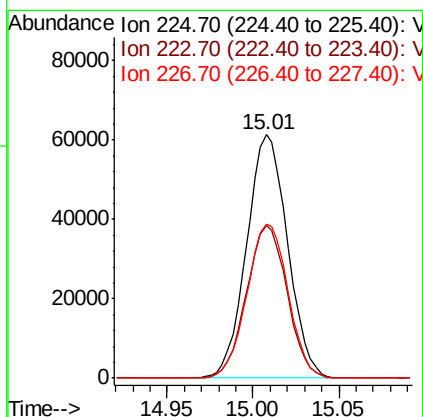
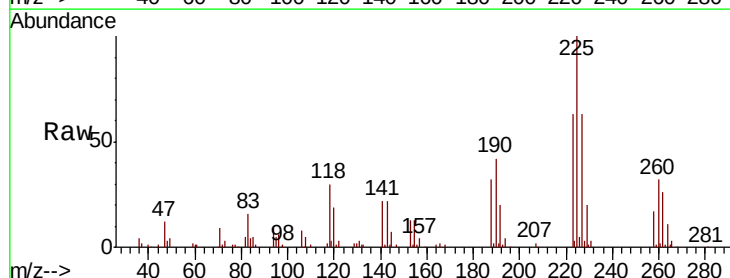
Instrument :
 MSVOA_N
 ClientSampled :

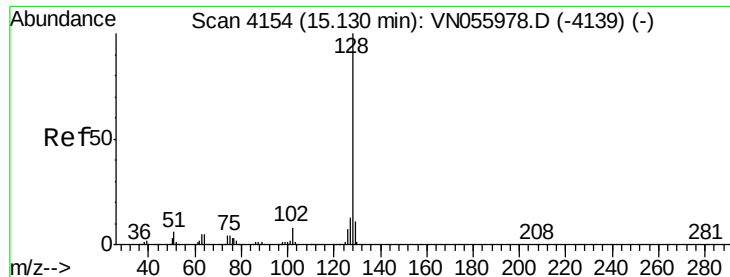
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.3	144.9
145	28.0	14.0	41.9



#94
 Hexachlorobutadiene
 Concen: 50.197 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056127.D
 Acq: 8 Jun 2019 3:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	30.9	92.7
227	63.4	31.6	94.7





#95

Naphthalene

Concen: 44.084 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

Instrument :

MSVOA_N

ClientSampled :

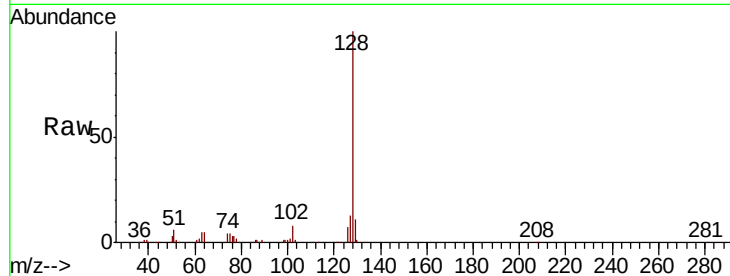
Tot Ion:128 Resp: 366054

Ion Ratio Lower Upper

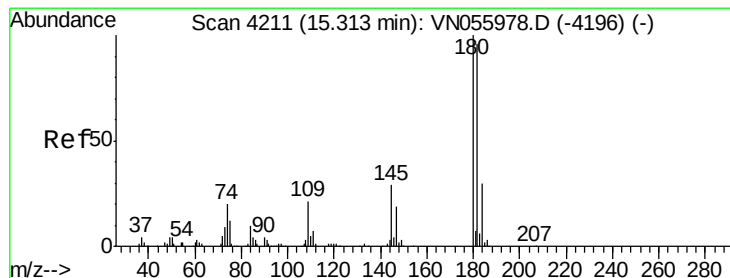
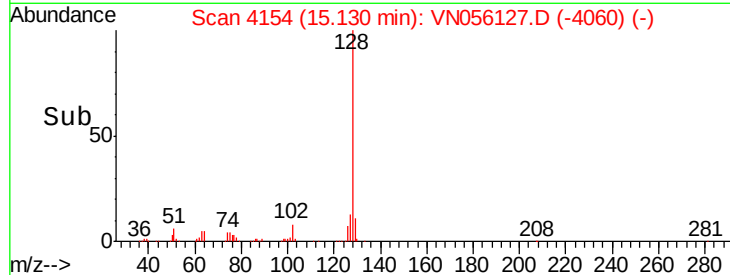
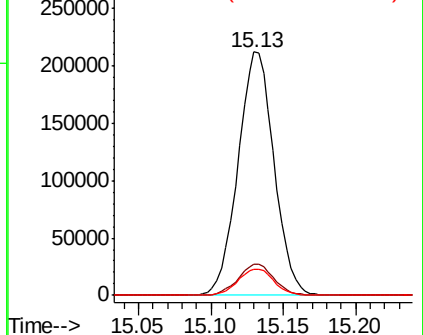
128 100

127 12.7 10.3 15.5

129 10.8 8.7 13.1



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: 45.246 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056127.D

Acq: 8 Jun 2019 3:16

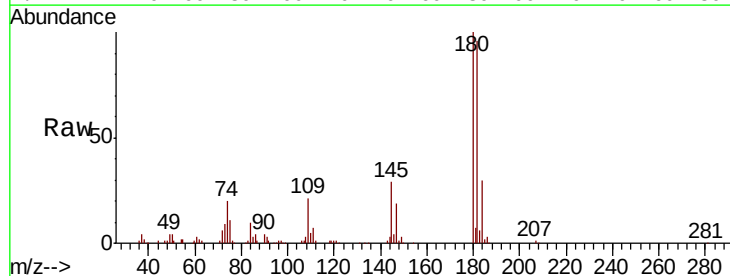
Tgt Ion:180 Resp: 148237

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.7

145 28.8 14.9 44.7



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

