

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051319\
 Data File : VN055582.D
 Acq On : 13 May 2019 18:16
 Operator : JC/SP
 Sample : K2840-06MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 KR-02 4-14

Quant Time: May 14 01:50:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	775411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1308926	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1141136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	460543	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	538421	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
35) Dibromofluoromethane	7.59	113	434434	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	10.09	98	1655689	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.40	95	567381	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	210235	26.630	ug/l	99
3) Chloromethane	2.06	50	335149	26.131	ug/l	100
4) Vinyl Chloride	2.19	62	337316	27.861	ug/l	100
5) Bromomethane	2.54	94	198921	29.988	ug/l	100
6) Chloroethane	2.70	64	210285	29.819	ug/l	96
7) Trichlorofluoromethane	3.01	101	392667	29.564	ug/l	99
8) Diethyl Ether	3.41	74	184499	30.931	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.75	101	254687	30.139	ug/l	96
10) Methyl Iodide	3.95	142	318446	27.882	ug/l	99
11) Tert butyl alcohol	4.81	59	225352	130.727	ug/l	99
12) 1,1-Dichloroethene	3.73	96	254886	30.076	ug/l	98
13) Acrolein	3.60	56	281762	245.250	ug/l	100
14) Allyl chloride	4.32	41	495564	28.546	ug/l	97
15) Acrylonitrile	4.99	53	773268	144.866	ug/l	99
16) Acetone	3.82	43	580993	107.473	ug/l	96
17) Carbon Disulfide	4.04	76	649818	28.094	ug/l	99
18) Methyl Acetate	4.33	43	326628	28.312	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	873990	31.036	ug/l	96
20) Methylene Chloride	4.54	84	313667	28.375	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	276763	30.121	ug/l	93
22) Diisopropyl ether	5.96	45	1056680	29.953	ug/l	98
23) Vinyl Acetate	5.90	43	3975789	145.726	ug/l	99
24) 1,1-Dichloroethane	5.85	63	563268	29.578	ug/l	100
25) 2-Butanone	6.84	43	981853	131.481	ug/l	97
26) 2,2-Dichloropropane	6.82	77	368258	31.020	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	332821	31.342	ug/l	98
28) Bromochloromethane	7.19	49	452806	45.785	ug/l	92
29) Tetrahydrofuran	7.22	42	673877	136.503	ug/l	98
30) Chloroform	7.37	83	537154	30.512	ug/l	99
31) Cyclohexane	7.65	56	519898	27.592	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	415426	30.987	ug/l	98
36) 1,1-Dichloropropene	7.79	75	400230	31.037	ug/l	98
37) Ethyl Acetate	6.93	43	391071	27.802	ug/l	97
38) Carbon Tetrachloride	7.77	117	336732	31.012	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	460546	29.292	ug/l	97
40) Benzene	8.04	78	1244539	31.097	ug/l	99
41) Methacrylonitrile	7.18	41	198000	30.327	ug/l	94
42) 1,2-Dichloroethane	8.12	62	416189	29.600	ug/l	99
43) Isopropyl Acetate	8.17	43	637214	29.818	ug/l #	88
44) Trichloroethene	8.83	130	302770	31.795	ug/l	97
45) 1,2-Dichloropropane	9.12	63	350875	30.641	ug/l	98
46) Dibromomethane	9.21	93	203975	30.731	ug/l	96
47) Bromodichloromethane	9.40	83	395123	31.117	ug/l	97
48) Methyl methacrylate	9.20	41	298383	28.979	ug/l	96
49) 1,4-Dioxane	9.20	88	112076	558.479	ug/l	93
51) 4-Methyl-2-Pentanone	9.99	43	2006316	142.747	ug/l	98
52) Toluene	10.16	92	739533	32.322	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	400473	32.838	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	474668	32.572	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	295717	31.900	ug/l	100
56) Ethyl methacrylate	10.43	69	435602	31.591	ug/l	95
57) 1,3-Dichloropropane	10.71	76	514992	31.292	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.72	63	820	12.680	ug/l #	52
59) 2-Hexanone	10.75	43	1372608	139.255	ug/l	98
60) Dibromochloromethane	10.90	129	278291	33.018	ug/l	99
61) 1,2-Dibromoethane	11.00	107	283236	31.800	ug/l	97
64) Tetrachloroethene	10.63	164	287234	30.719	ug/l	99
65) Chlorobenzene	11.43	112	756498	32.223	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	269017	33.284	ug/l	99
67) Ethyl Benzene	11.51	91	1384364	31.396	ug/l	98
68) m/p-Xylenes	11.62	106	1013335	64.038	ug/l	99
69) o-Xylene	11.95	106	501473	32.243	ug/l	98
70) Styrene	11.96	104	821986	32.988	ug/l	99
71) Bromoform	12.13	173	186503	34.195	ug/l	98
73) Isopropylbenzene	12.25	105	1320328	33.965	ug/l	100
74) N-amyl acetate	12.07	43	500473	28.623	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	416444	32.891	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	485247	38.703	ug/l #	100
77) Bromobenzene	12.53	156	312732	30.813	ug/l	93
78) n-propylbenzene	12.59	91	1467836	29.716	ug/l	98
79) 2-Chlorotoluene	12.67	91	902169	29.306	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1090884	29.618	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	98568	29.009	ug/l	97
82) 4-Chlorotoluene	12.77	91	865962	29.770	ug/l	97
83) tert-Butylbenzene	12.99	119	923481	29.251	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	1026939	30.401	ug/l	99
85) sec-Butylbenzene	13.17	105	1222606	29.139	ug/l	98
86) p-Isopropyltoluene	13.29	119	1022197	29.935	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	505207	32.213	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	486076	31.405	ug/l	99
89) n-Butylbenzene	13.61	91	787309	29.746	ug/l	99
90) Hexachloroethane	13.87	117	161609	29.013	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	503360	32.114	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	62018	29.284	ug/l	94

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KR-02 4-14

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

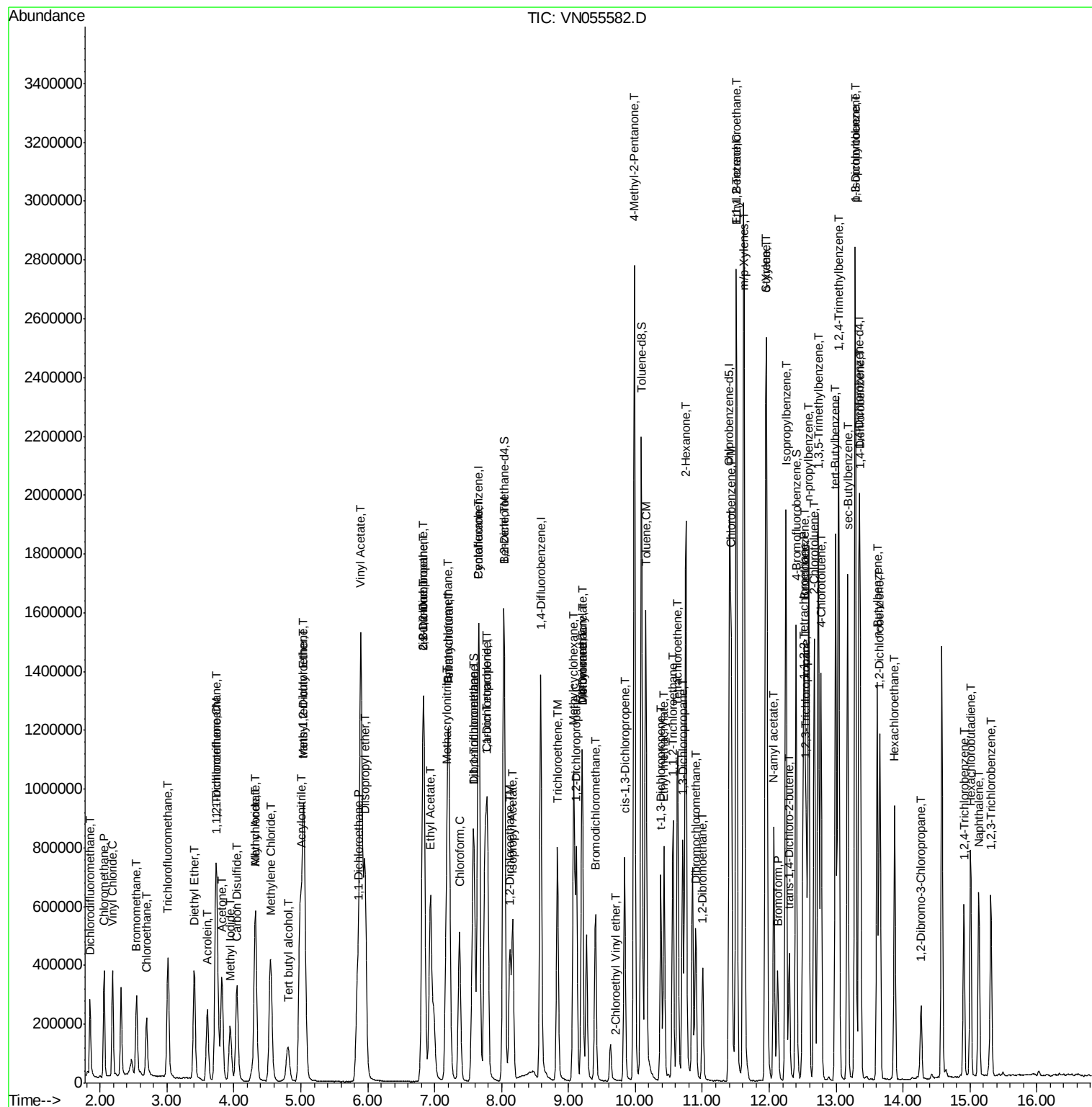
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	194166	29.832	ug/l	97
94) Hexachlorobutadiene	15.01	225	156898	33.035	ug/l	99
95) Naphthalene	15.13	128	559757	30.376	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	216050	30.240	ug/l	99

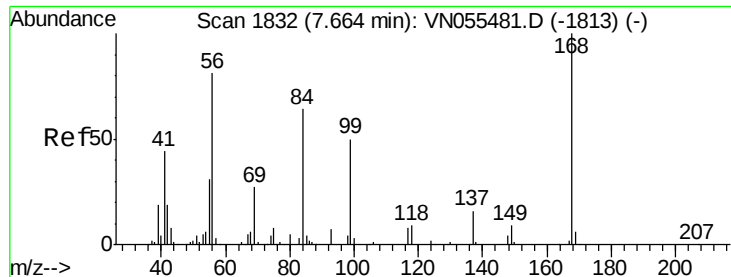
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051319\
 Data File : VN055582.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

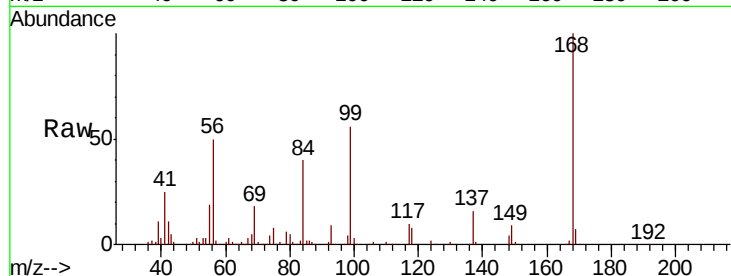
KR-02 4-14

Tot Ion:168 Resp: 775411

Ion Ratio Lower Upper

168 100

99 55.1 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

300000

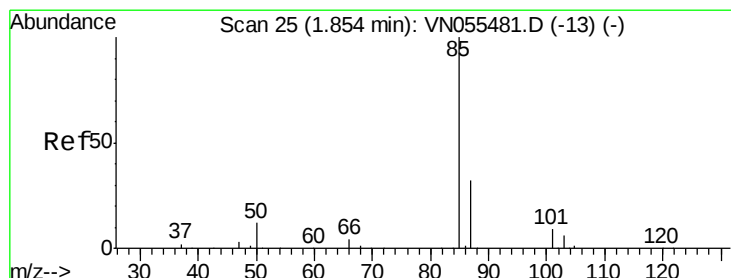
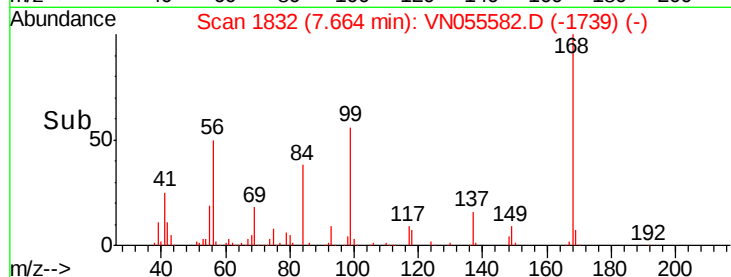
200000

100000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 26.630 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055582.D

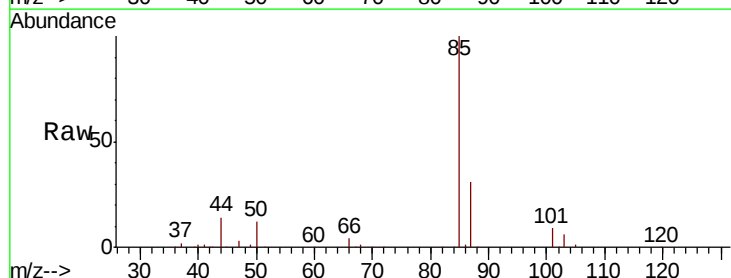
Acq: 13 May 2019 18:16

Tgt Ion: 85 Resp: 210235

Ion Ratio Lower Upper

85 100

87 31.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

150000

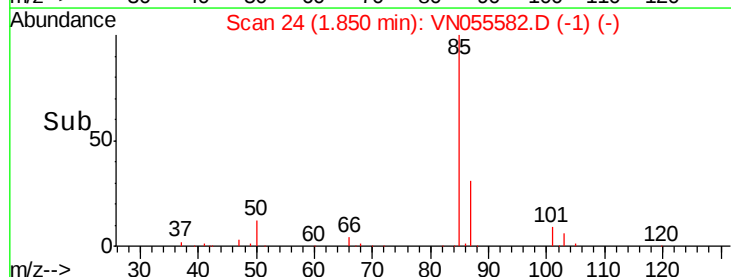
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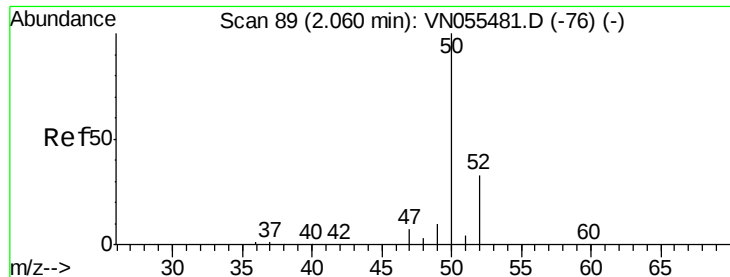
50000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 26.131 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

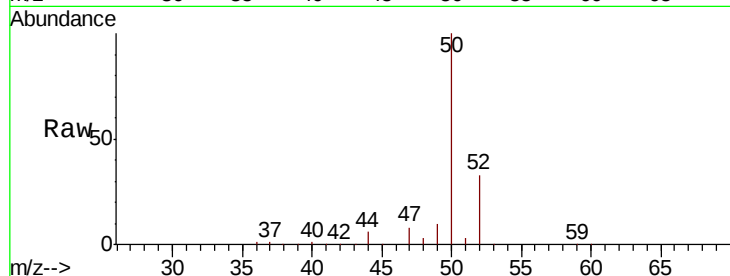
KR-02 4-14

Tot Ion: 50 Resp: 335149

Ion Ratio Lower Upper

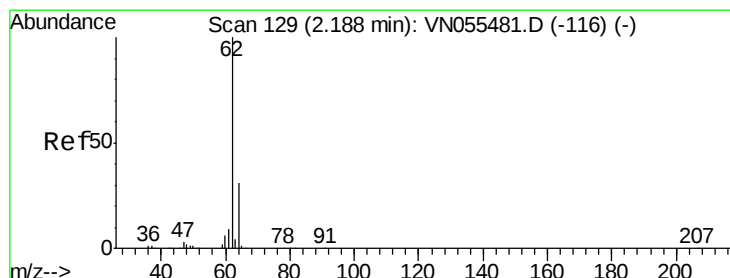
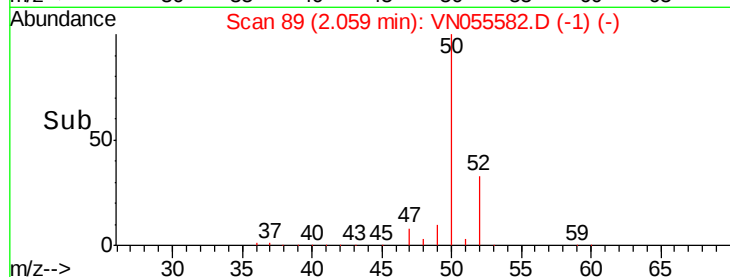
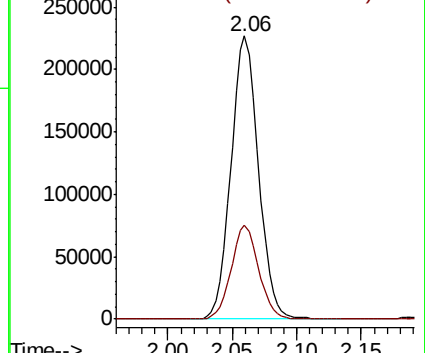
50 100

52 33.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 27.861 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN055582.D

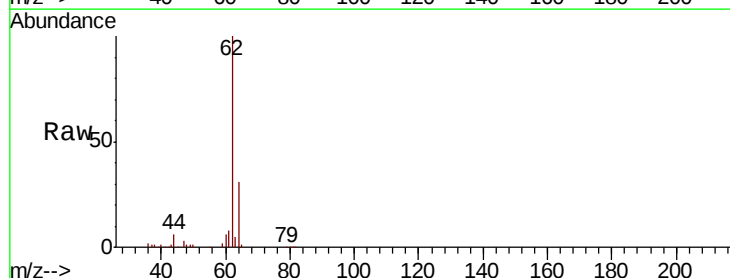
Acq: 13 May 2019 18:16

Tgt Ion: 62 Resp: 337316

Ion Ratio Lower Upper

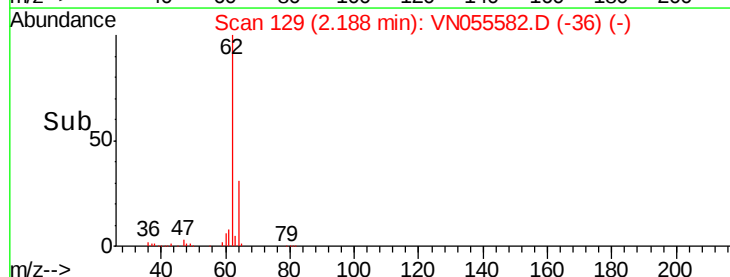
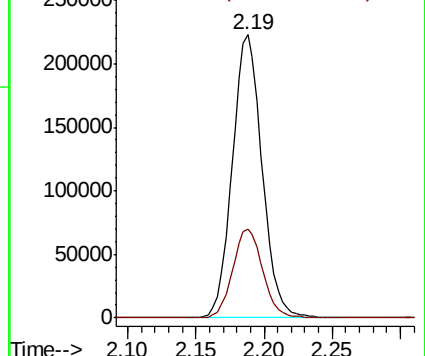
62 100

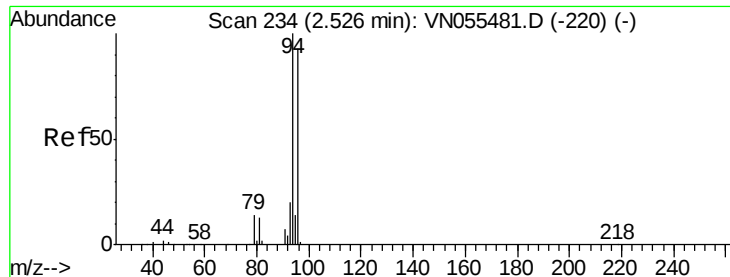
64 31.3 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#5

Bromomethane

Concen: 29.988 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.02 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

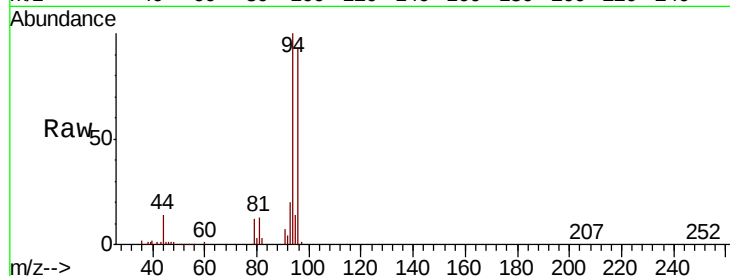
KR-02 4-14

Tot Ion: 94 Resp: 198921

Ion Ratio Lower Upper

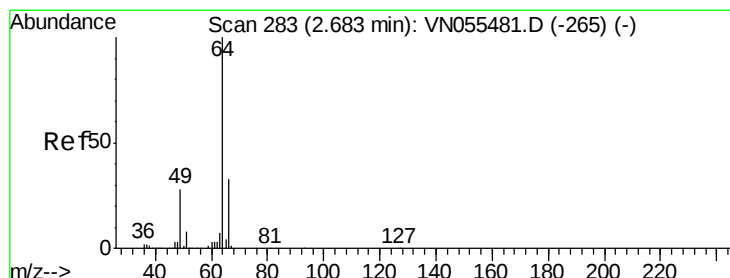
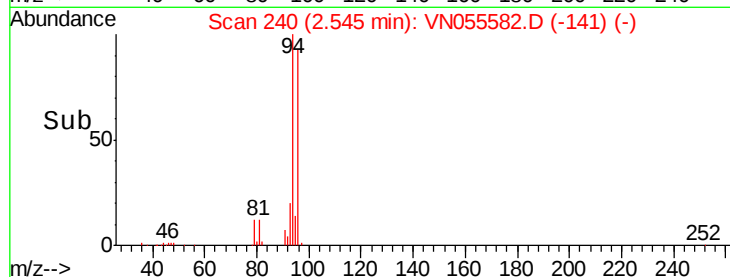
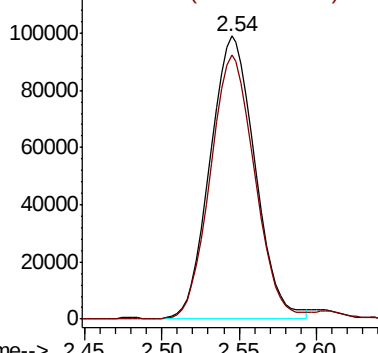
94 100

96 93.6 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 29.819 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.01 min

Lab File: VN055582.D

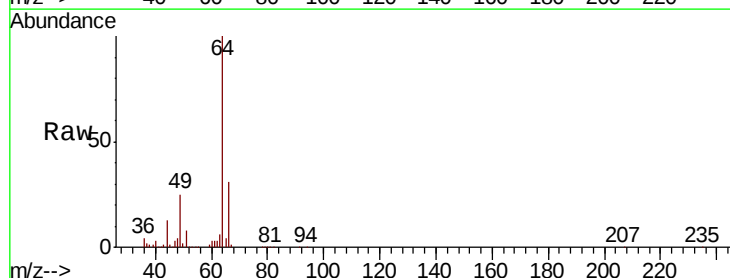
Acq: 13 May 2019 18:16

Tgt Ion: 64 Resp: 210285

Ion Ratio Lower Upper

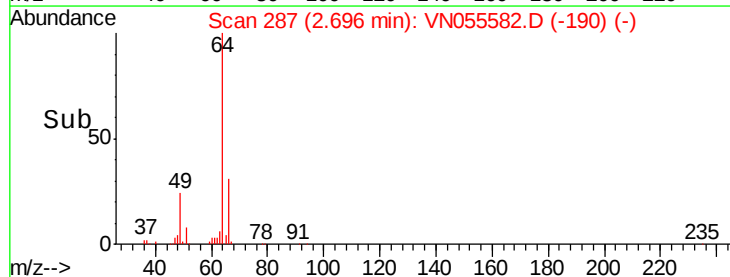
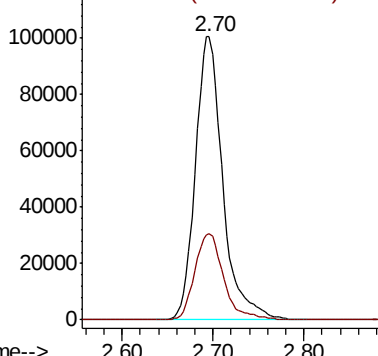
64 100

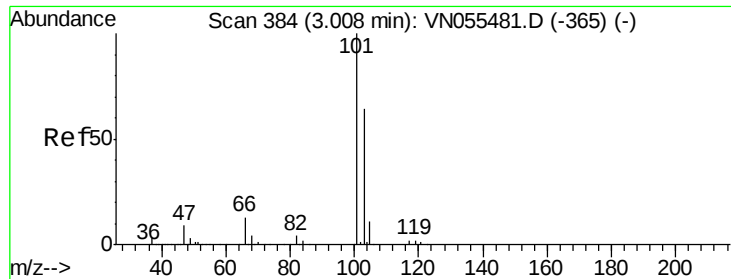
66 30.7 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



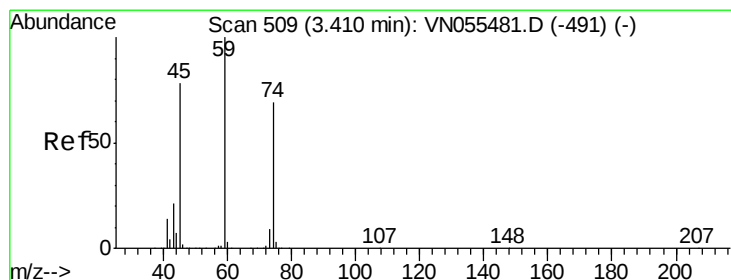
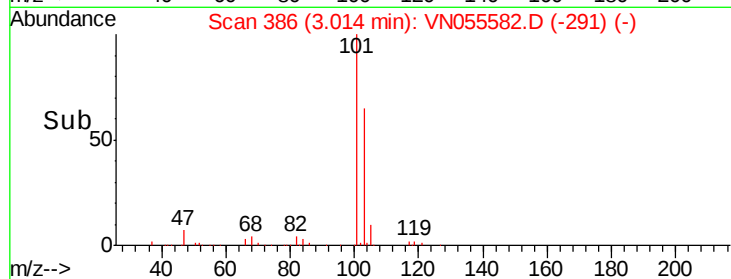
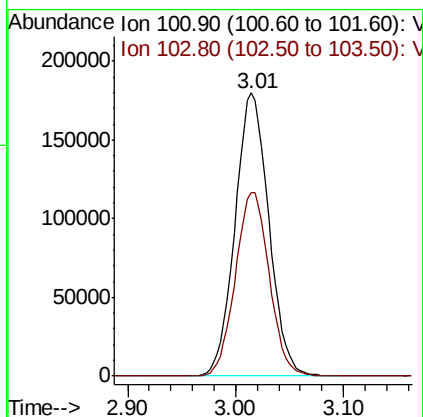
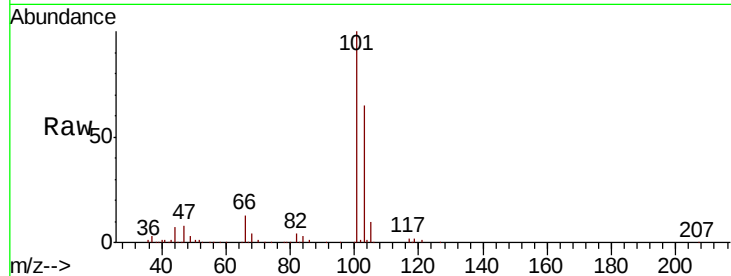


#7

Trichlorofluoromethane
 Concen: 29.564 ug/l
 RT: 3.01 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: VN055582.D
 Acq: 13 May 2019 18:16

Instrument :
 MSVOA_N
 ClientSampleId :
 KR-02_4-14

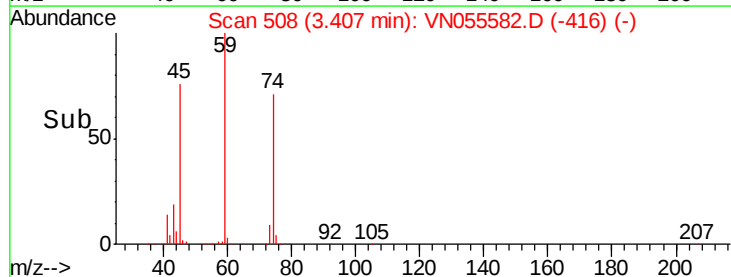
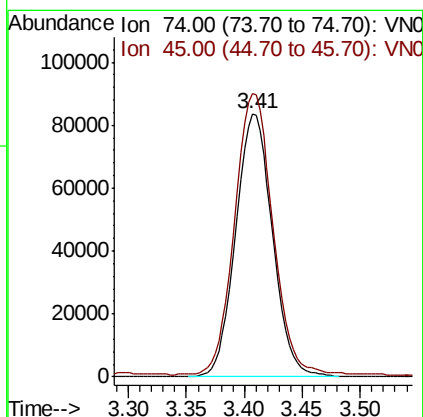
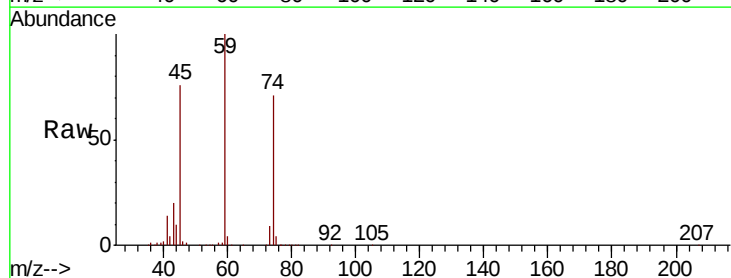
Tot Ion:101 Resp: 392667
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.2 76.8

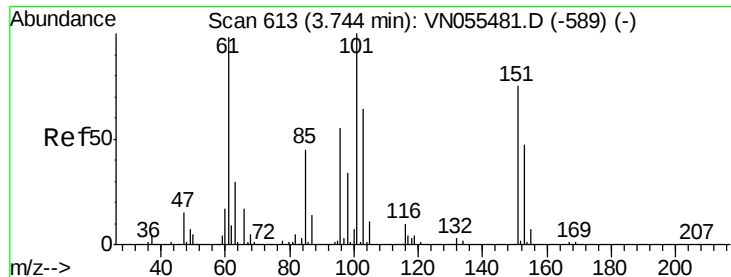


#8

Diethyl Ether
 Concen: 30.931 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN055582.D
 Acq: 13 May 2019 18:16

Tgt Ion: 74 Resp: 184499
 Ion Ratio Lower Upper
 74 100
 45 109.6 58.1 174.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 30.139 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.01 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

KR-02 4-14

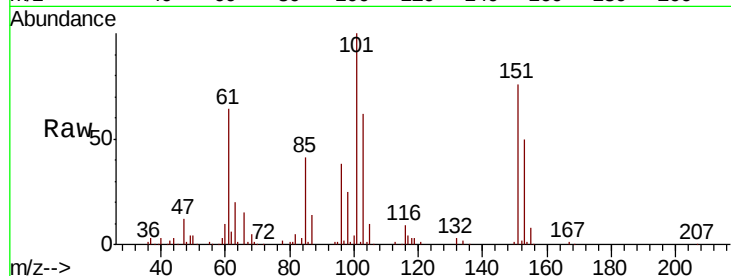
Tot Ion:101 Resp: 254687

Ion Ratio Lower Upper

101 100

85 42.5 35.5 53.3

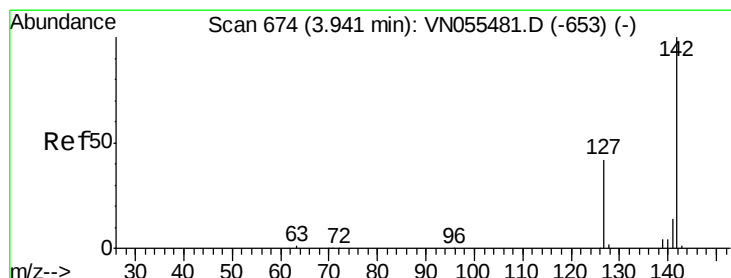
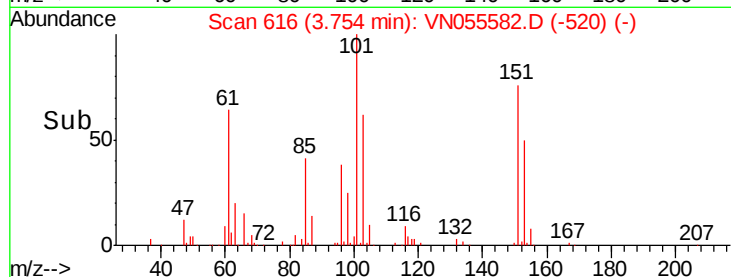
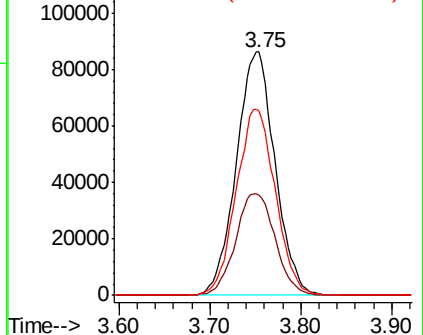
151 77.5 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 27.882 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.01 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

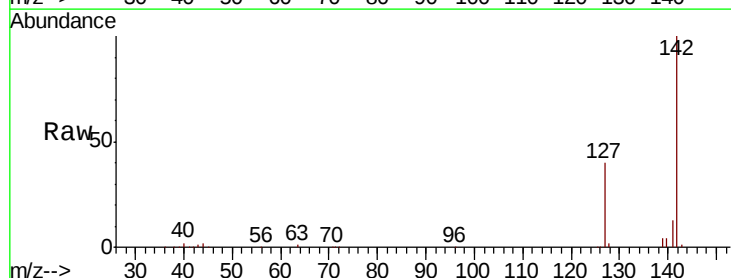
Tgt Ion:142 Resp: 318446

Ion Ratio Lower Upper

142 100

127 40.2 33.0 49.4

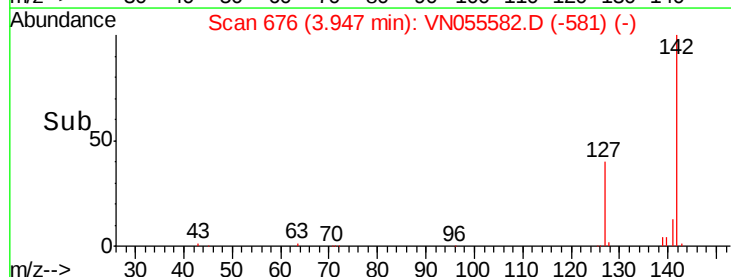
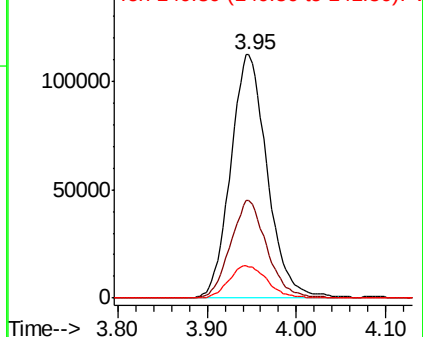
141 13.9 11.4 17.0

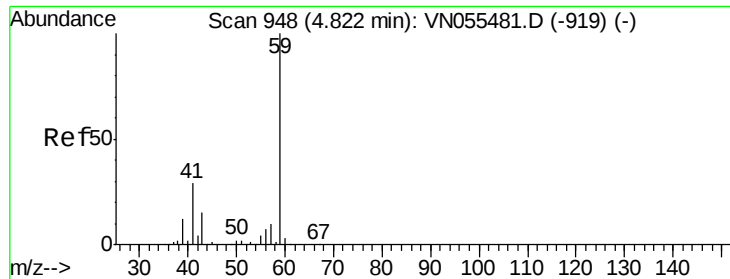


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

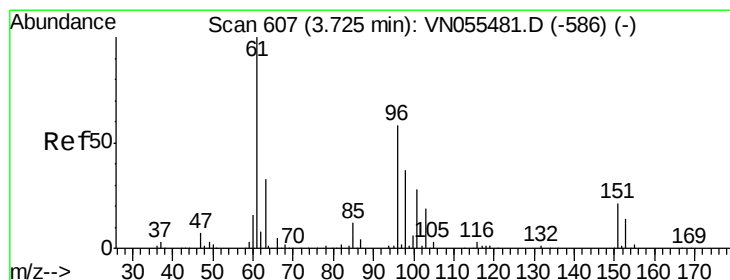
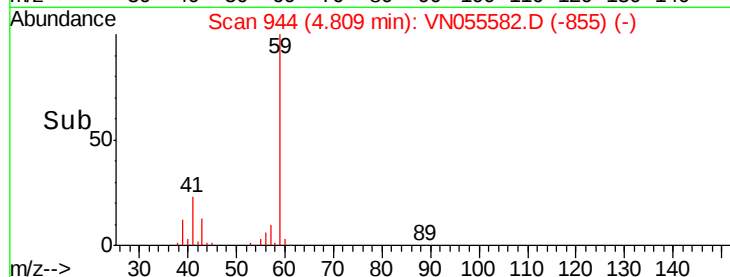
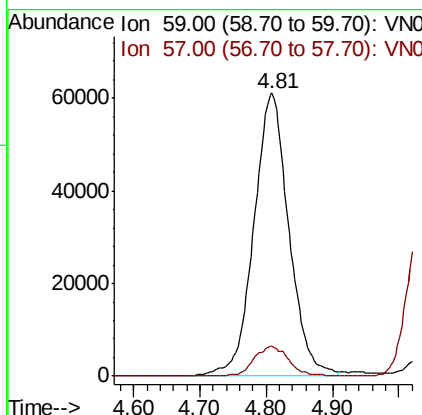
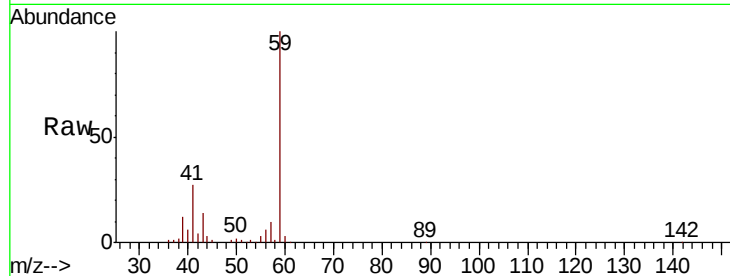




#11
Tert butyl alcohol
Concen: 130.727 ug/l
RT: 4.81 min Scan# 944
Delta R.T. -0.01 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

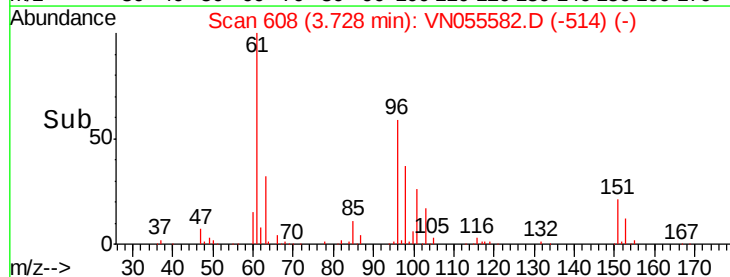
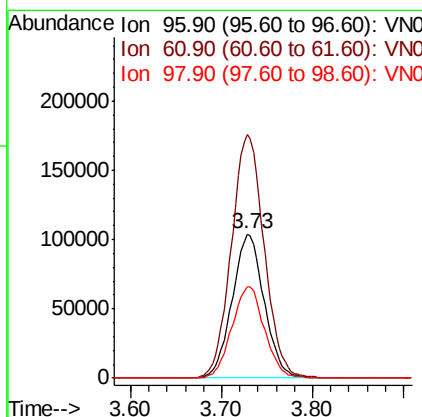
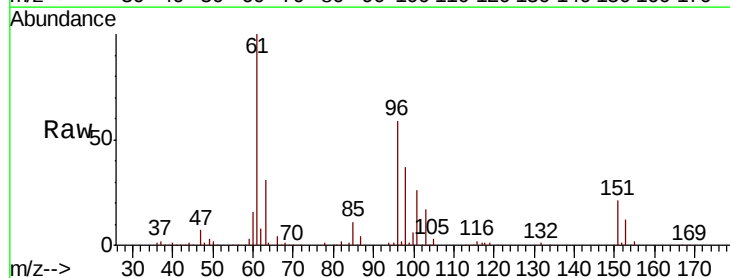
Instrument :
MSVOA_N
ClientSampled :
KR-02 4-14

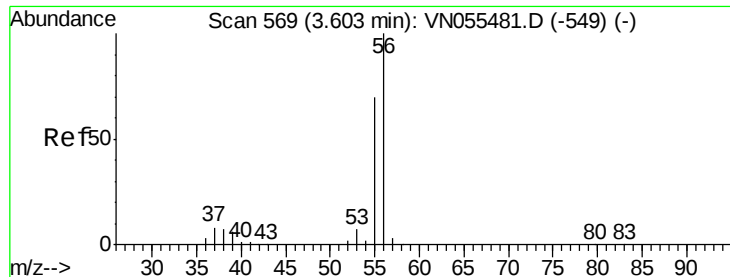
Tot Ion: 59 Resp: 225352
Ion Ratio Lower Upper
59 100
57 10.4 8.0 12.0



#12
1,1-Dichloroethene
Concen: 30.076 ug/l
RT: 3.73 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion: 96 Resp: 254886
Ion Ratio Lower Upper
96 100
61 169.2 138.7 208.1
98 63.1 50.6 76.0





#13

Acrolein

Concen: 245.250 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

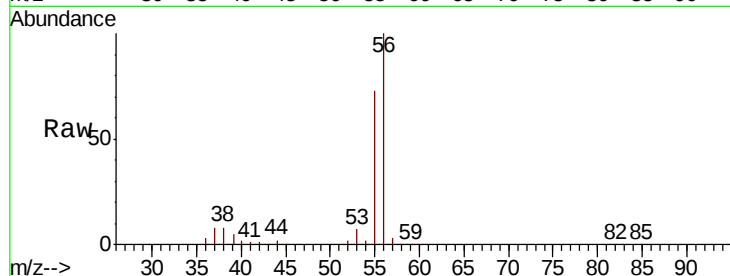
KR-02 4-14

Tot Ion: 56 Resp: 281762

Ion Ratio Lower Upper

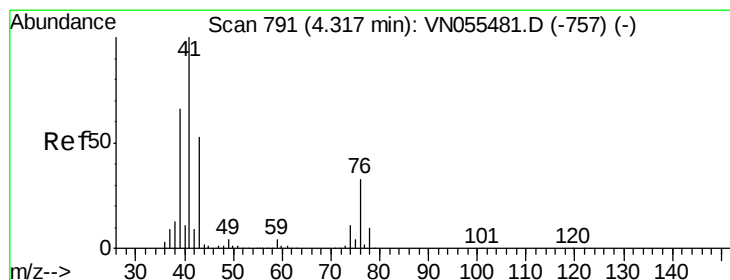
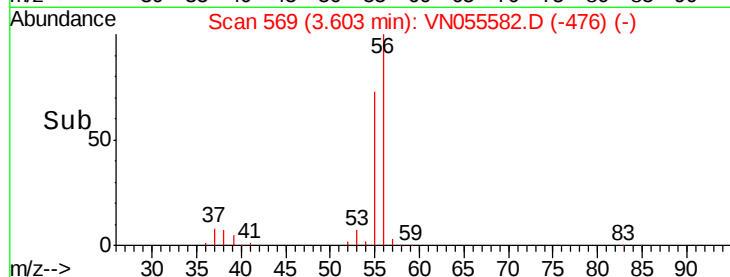
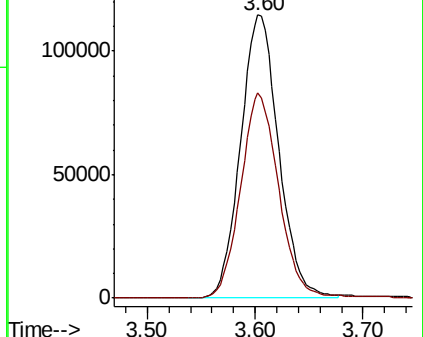
56 100

55 71.7 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 28.546 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

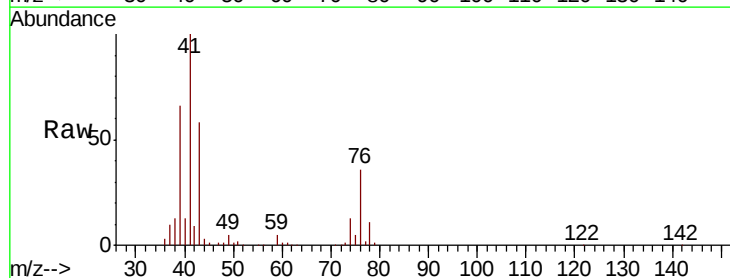
Tgt Ion: 41 Resp: 495564

Ion Ratio Lower Upper

41 100

39 60.9 49.8 74.8

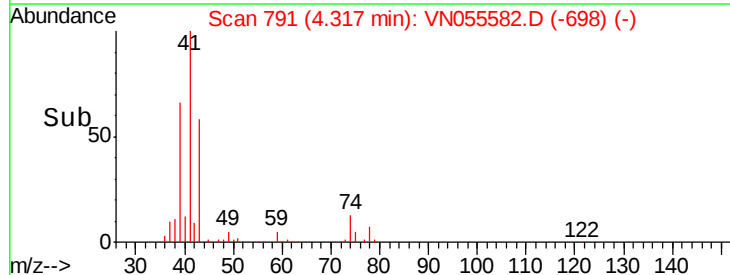
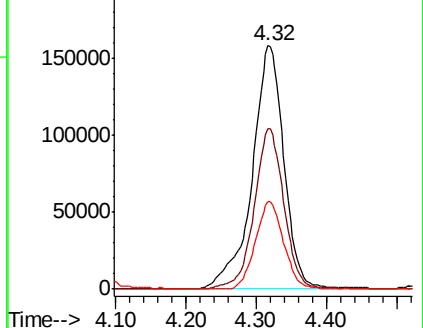
76 32.0 23.5 35.3

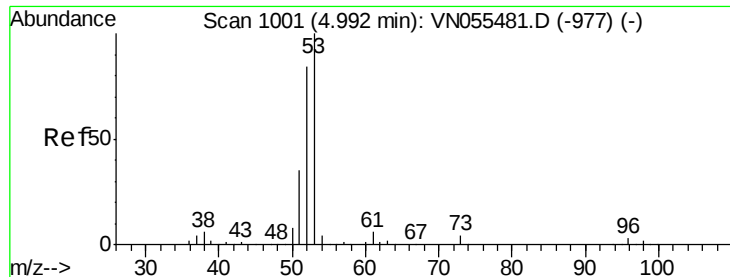


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

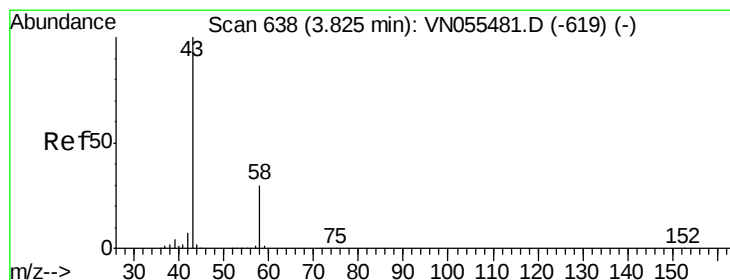
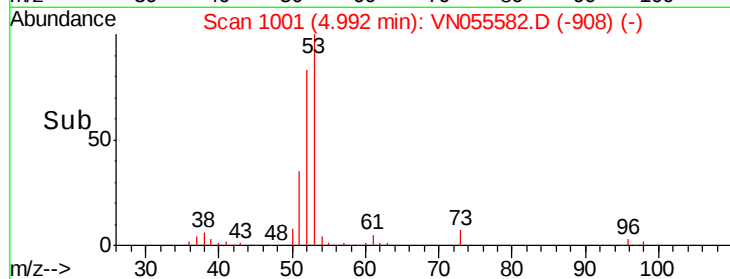
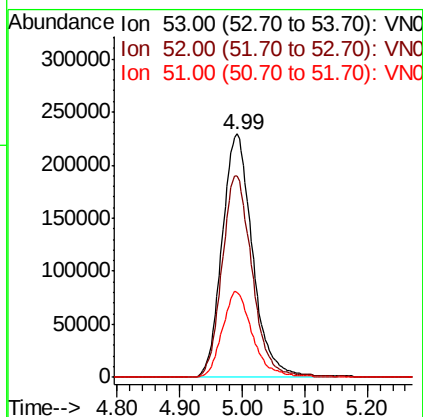
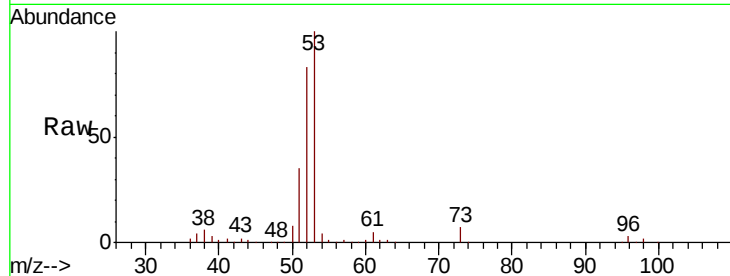




#15
 Acrylonitrile
 Concen: 144.866 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN055582.D
 Acq: 13 May 2019 18:16

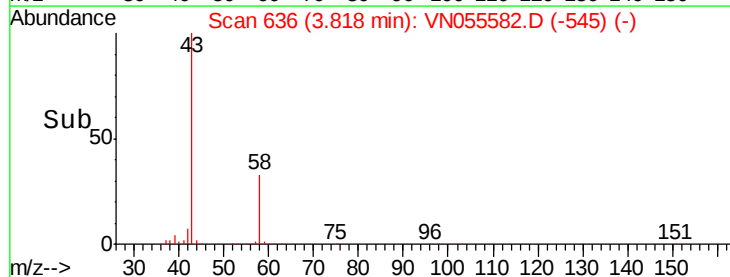
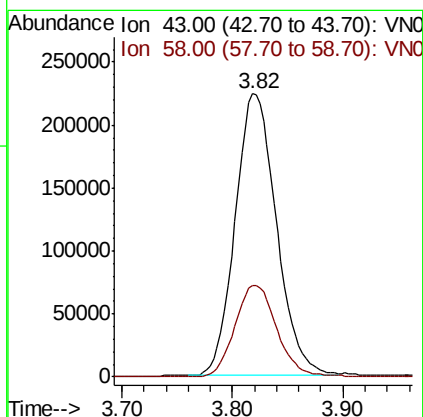
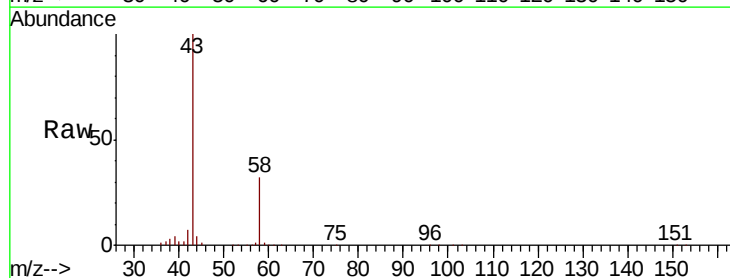
Instrument :
 MSVOA_N
 ClientSampled :
 KR-02_4-14

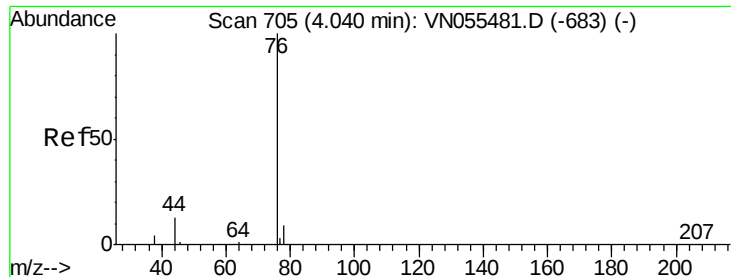
Tot Ion: 53 Resp: 773268
 Ion Ratio Lower Upper
 53 100
 52 81.9 66.1 99.1
 51 34.8 28.3 42.5



#16
 Acetone
 Concen: 107.473 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: VN055582.D
 Acq: 13 May 2019 18:16

Tgt Ion: 43 Resp: 580993
 Ion Ratio Lower Upper
 43 100
 58 32.4 24.2 36.2

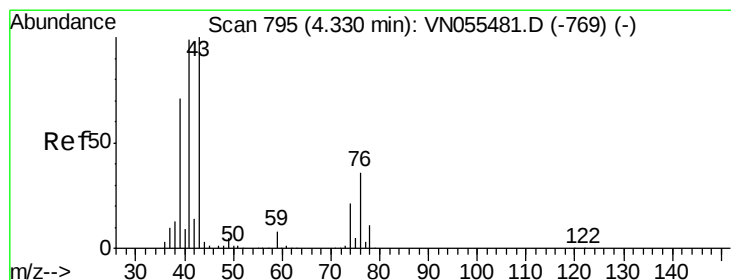
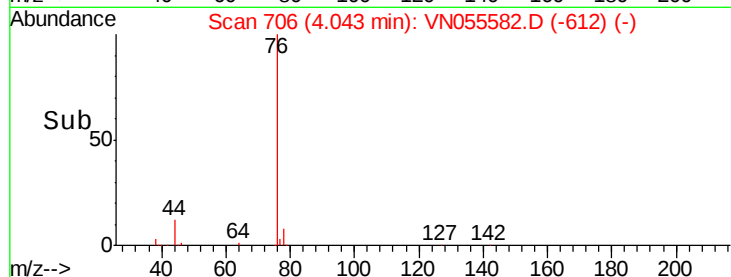
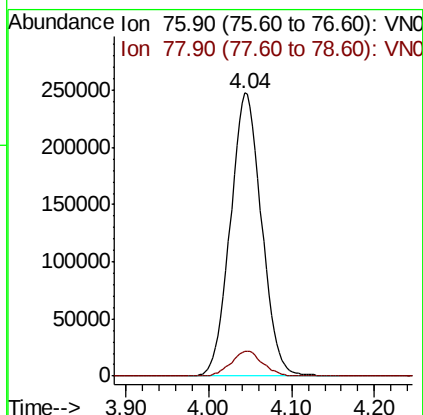
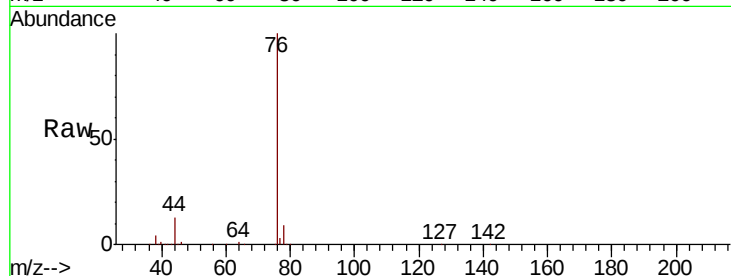




#17
Carbon Disulfide
Concen: 28.094 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

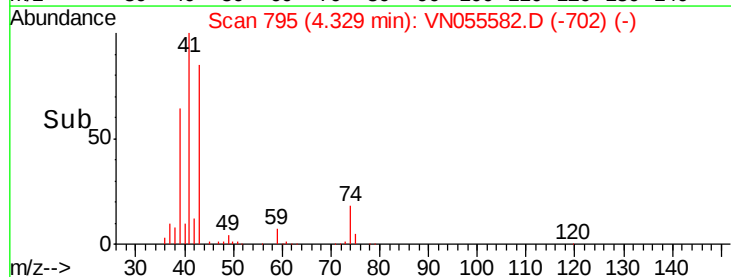
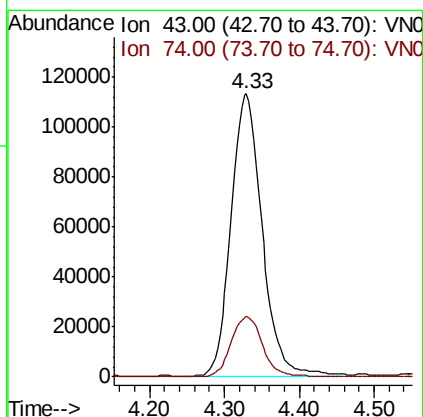
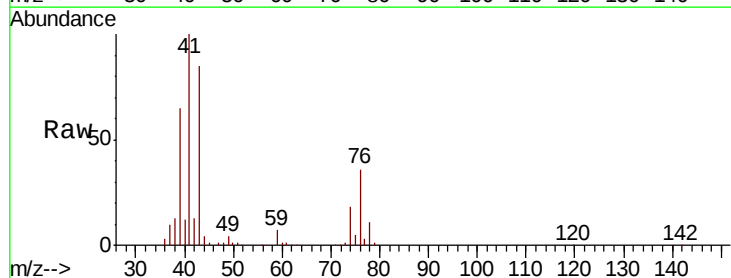
Instrument :
MSVOA_N
ClientSampled :
KR-02 4-14

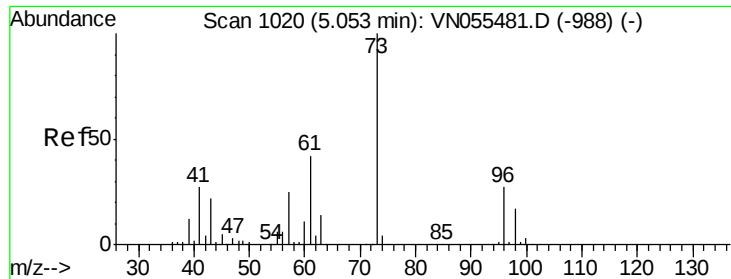
Tot Ion: 76 Resp: 649818
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 28.312 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion: 43 Resp: 326628
Ion Ratio Lower Upper
43 100
74 21.5 16.3 24.5

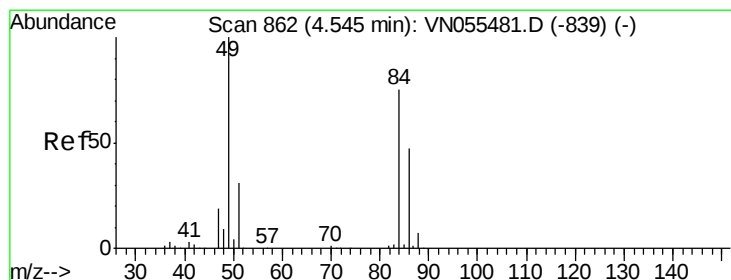
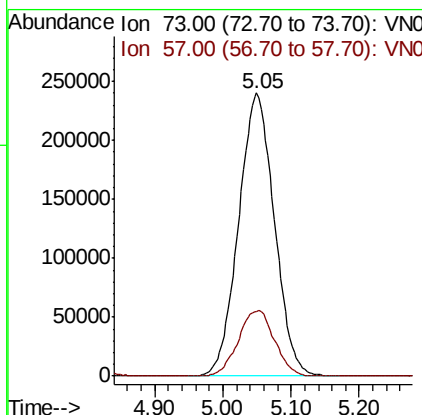
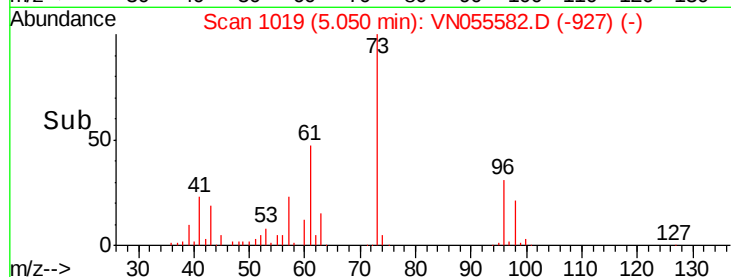
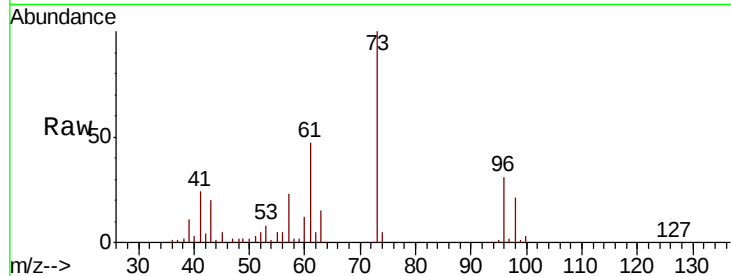




#19
Methyl tert-butyl Ether
Concen: 31.036 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

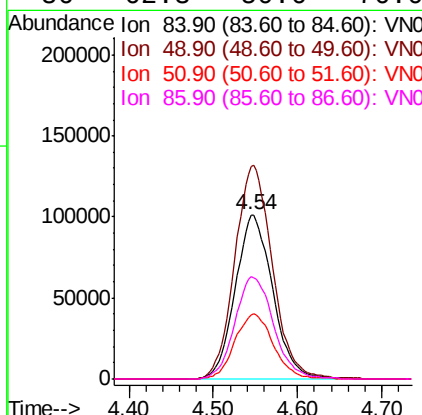
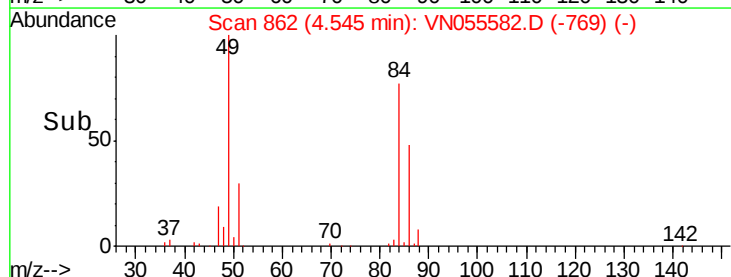
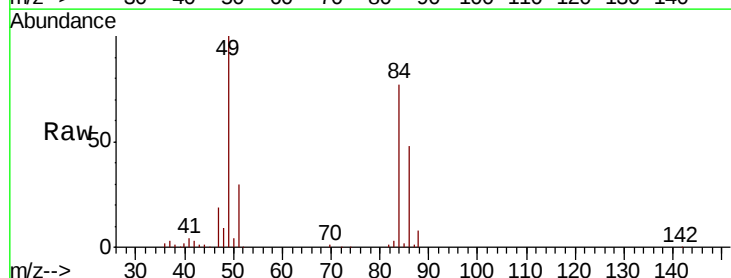
Instrument :
MSVOA_N
ClientSampled :
KR-02 4-14

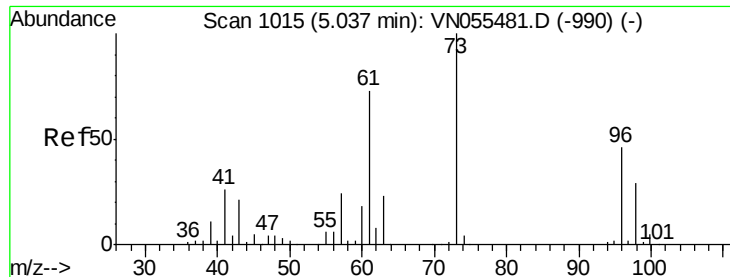
Tot Ion: 73 Resp: 873990
Ion Ratio Lower Upper
73 100
57 22.8 20.0 30.0



#20
Methylene Chloride
Concen: 28.375 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion: 84 Resp: 313667
Ion Ratio Lower Upper
84 100
49 129.3 107.0 160.6
51 39.3 33.0 49.4
86 62.3 50.6 76.0

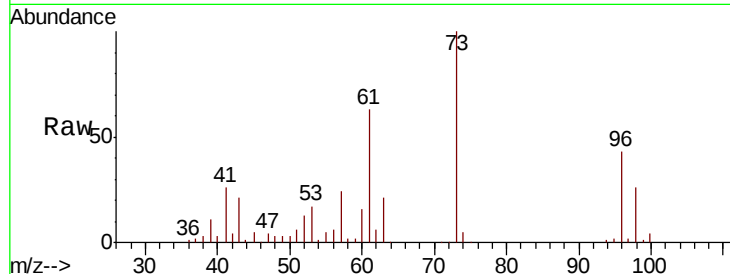




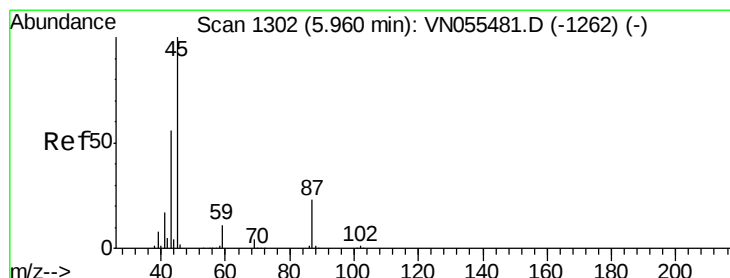
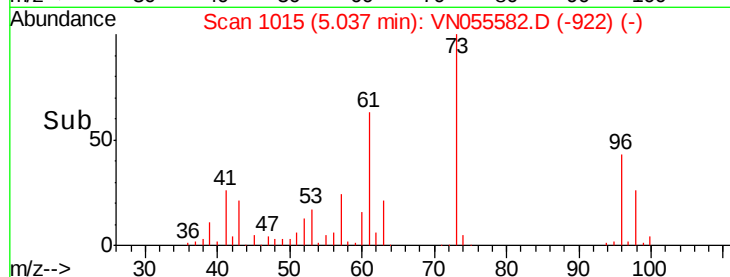
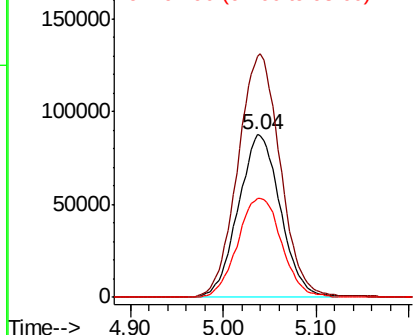
#21
trans-1,2-Dichloroethene
Concen: 30.121 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Instrument :
MSVOA_N
ClientSampled :
KR-02_4-14

Tot Ion: 96 Resp: 276763
Ion Ratio Lower Upper
96 100
61 148.2 127.4 191.0
98 60.9 51.6 77.4

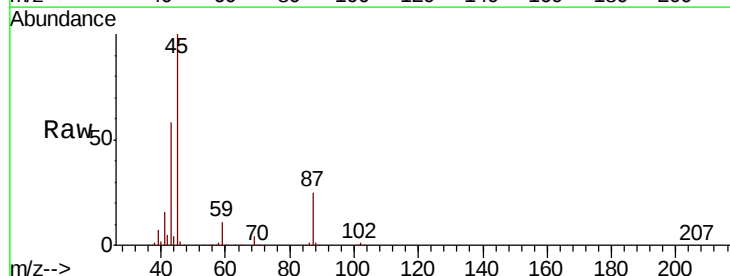


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

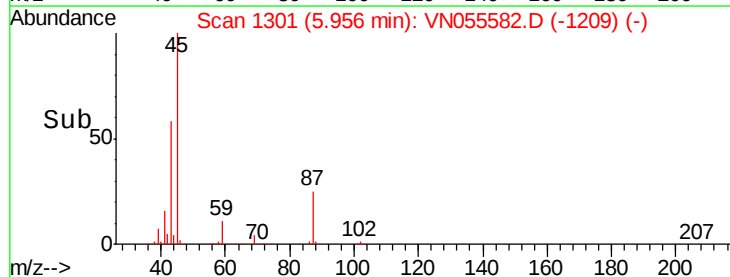
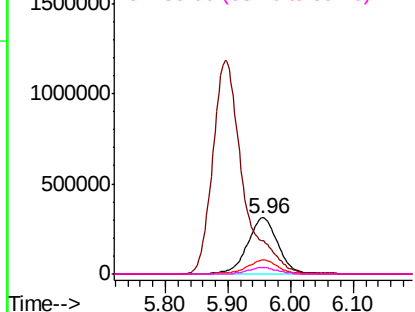


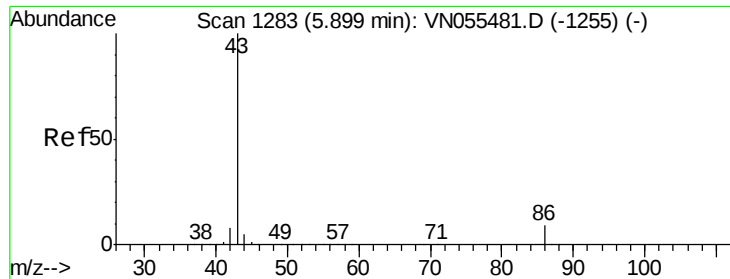
#22
Diisopropyl ether
Concen: 29.953 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion: 45 Resp: 1056680
Ion Ratio Lower Upper
45 100
43 57.1 44.6 66.8
87 24.7 18.6 28.0
59 11.1 8.6 12.8



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





#23

Vinyl Acetate

Concen: 145.726 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

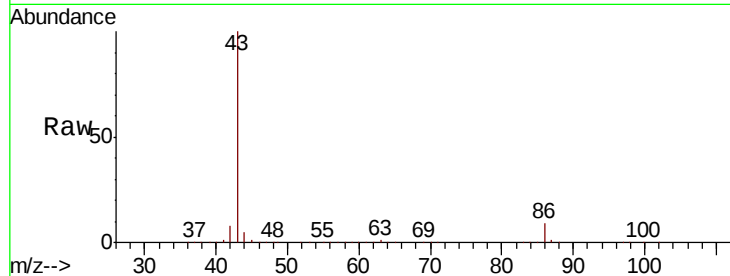
KR-02 4-14

Tot Ion: 43 Resp: 3975789

Ion Ratio Lower Upper

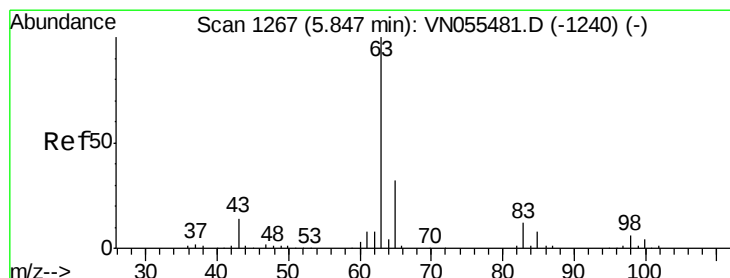
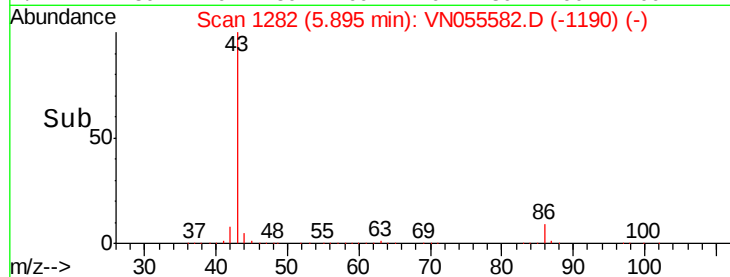
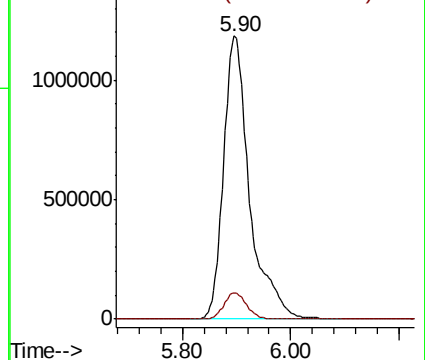
43 100

86 9.2 7.1 10.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 29.578 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

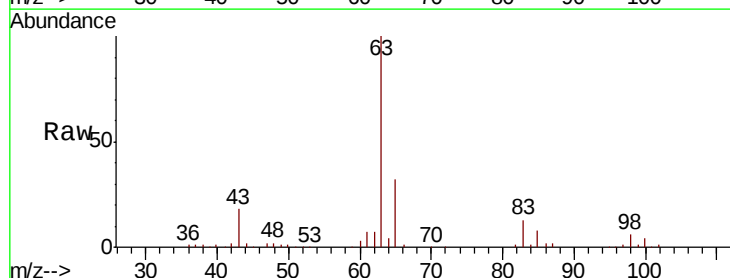
Tgt Ion: 63 Resp: 563268

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.0

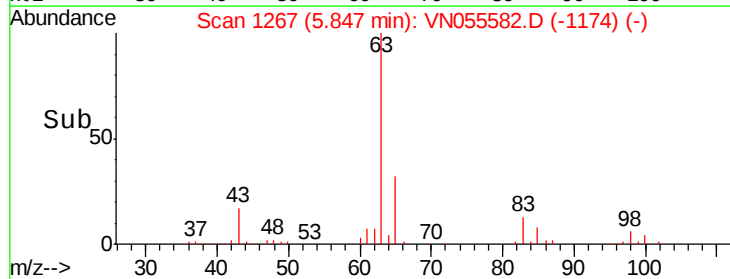
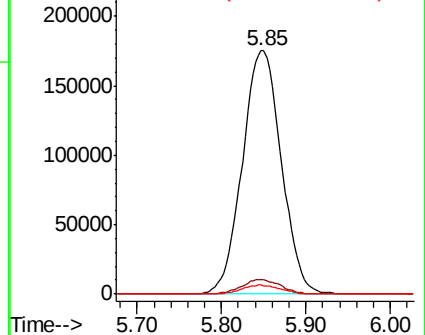
100 3.7 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 131.481 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. -0.01 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

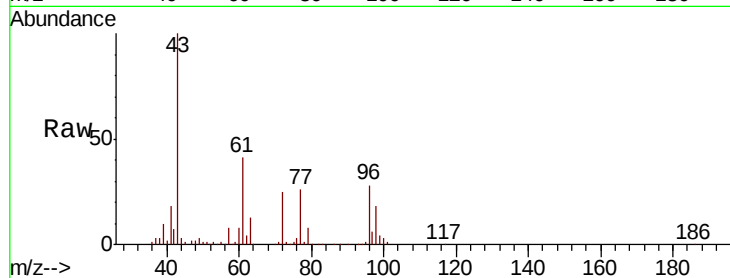
KR-02 4-14

Tot Ion: 43 Resp: 981853

Ion Ratio Lower Upper

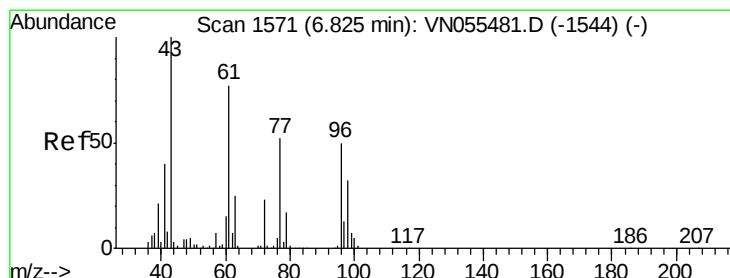
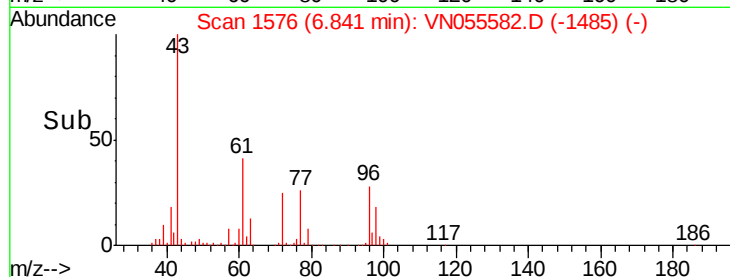
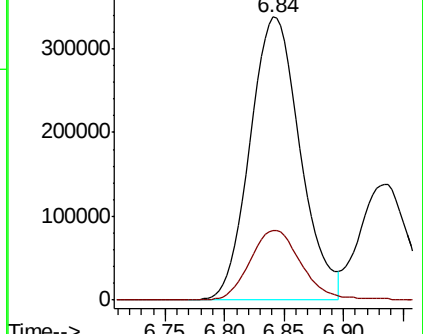
43 100

72 24.7 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 31.020 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055582.D

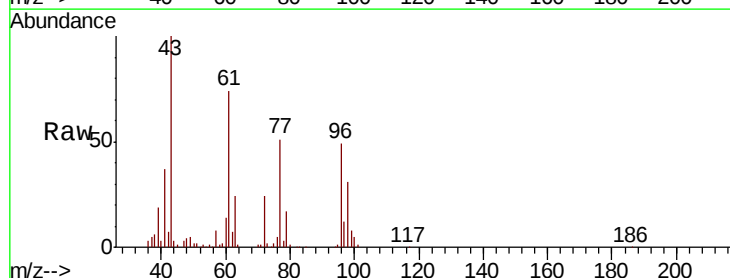
Acq: 13 May 2019 18:16

Tgt Ion: 77 Resp: 368258

Ion Ratio Lower Upper

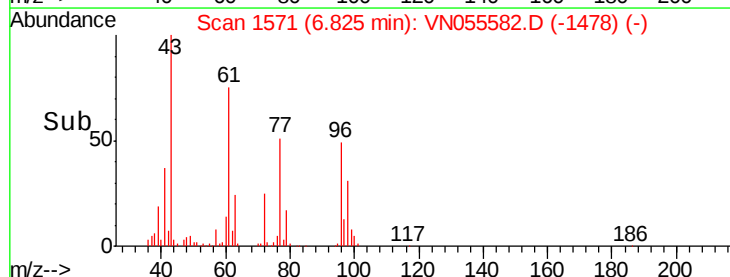
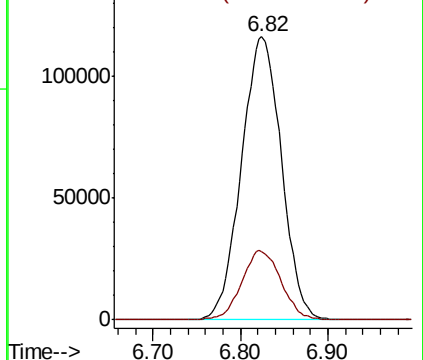
77 100

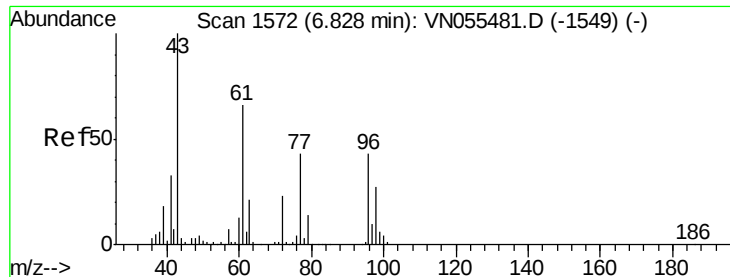
97 24.1 11.5 34.5



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: 31.342 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampleId :

KR-02_4-14

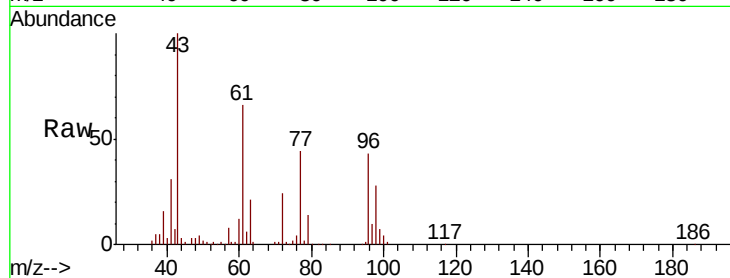
Tot Ion: 96 Resp: 332821

Ion Ratio Lower Upper

96 100

61 151.2 0.0 310.8

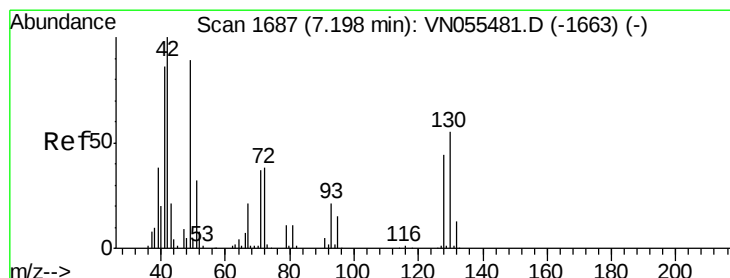
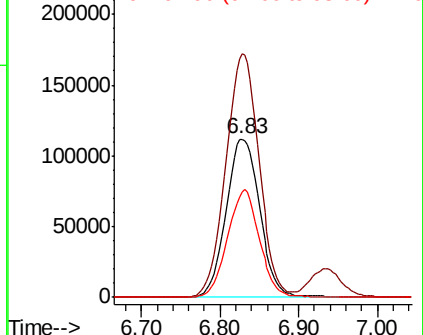
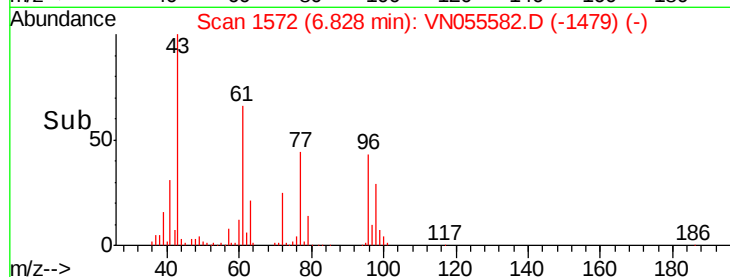
98 64.3 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 45.785 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

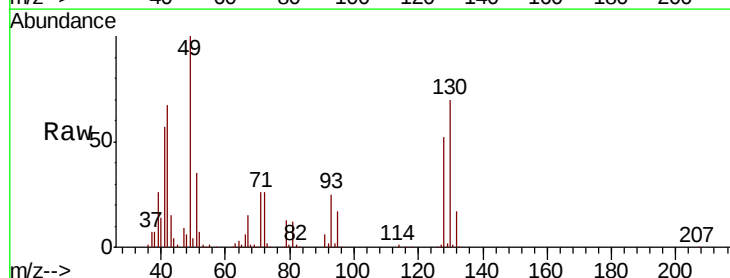
Tgt Ion: 49 Resp: 452806

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.2

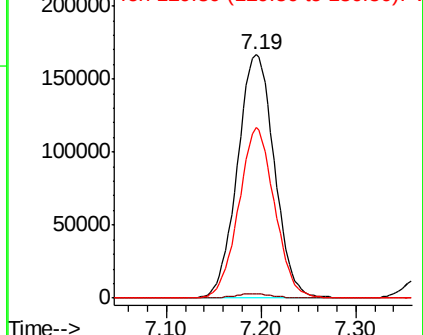
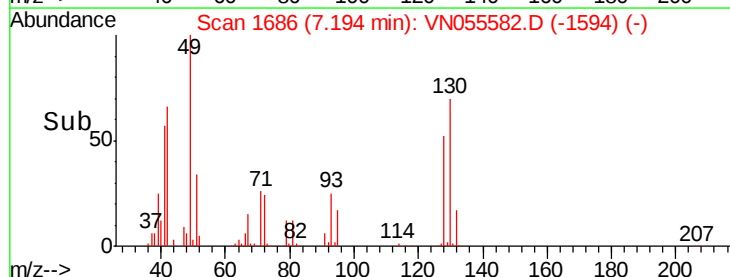
130 68.1 49.5 74.3

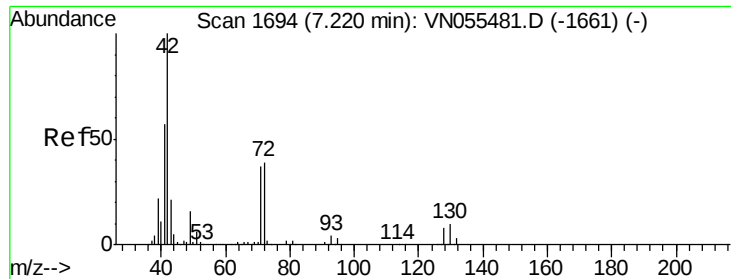


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

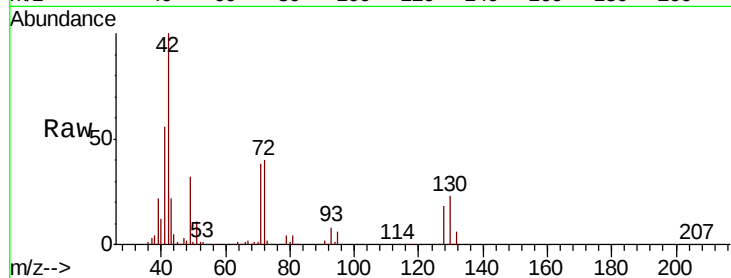




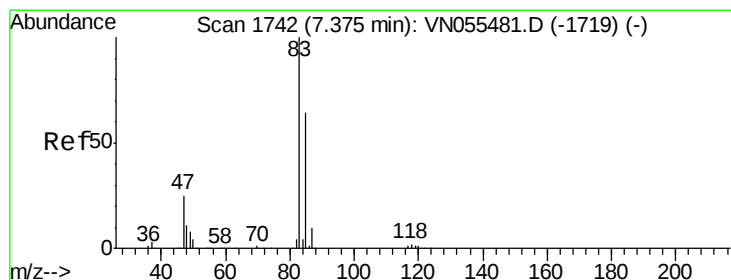
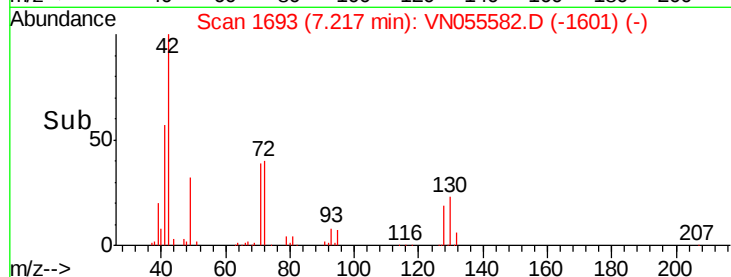
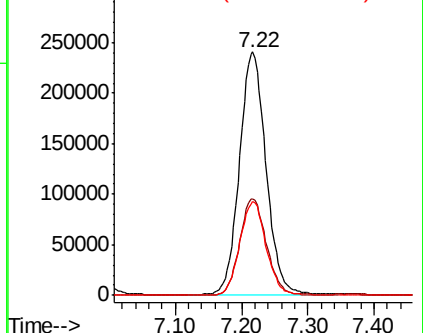
#29
Tetrahydrofuran
Concen: 136.503 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Instrument :
MSVOA_N
ClientSampled :
KR-02_4-14

Tot Ion: 42 Resp: 673877
Ion Ratio Lower Upper
42 100
72 39.6 31.0 46.6
71 38.0 29.4 44.2

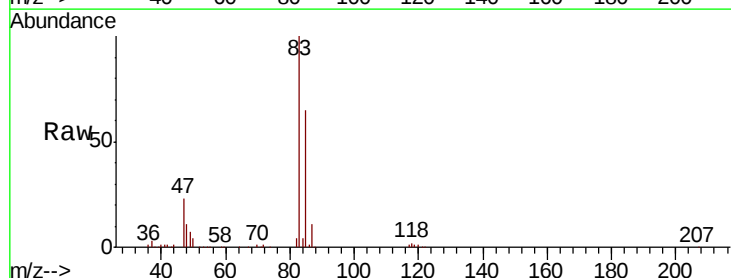


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

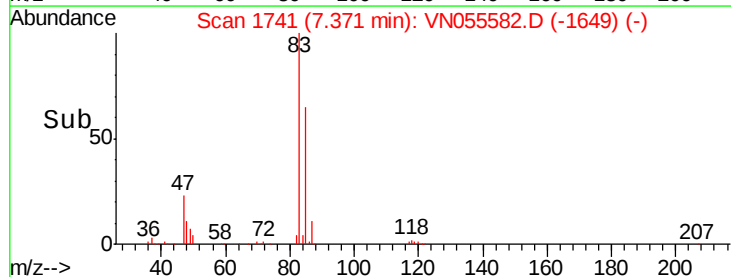
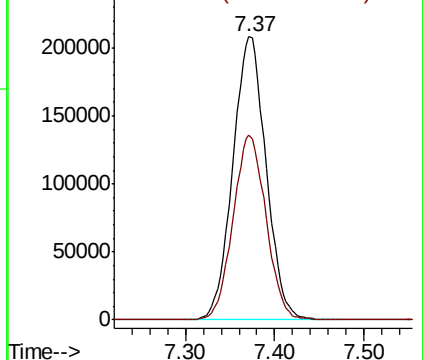


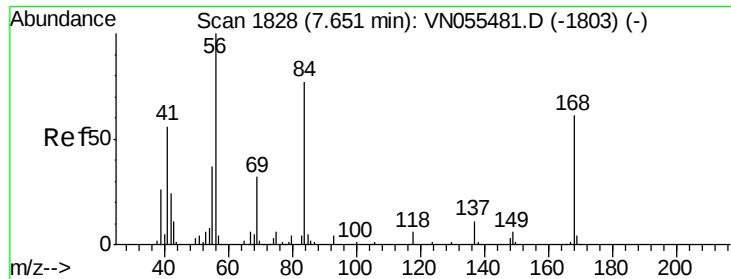
#30
Chloroform
Concen: 30.512 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion: 83 Resp: 537154
Ion Ratio Lower Upper
83 100
85 65.1 51.3 76.9



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

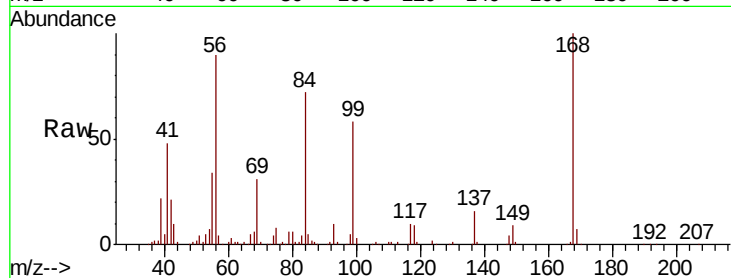




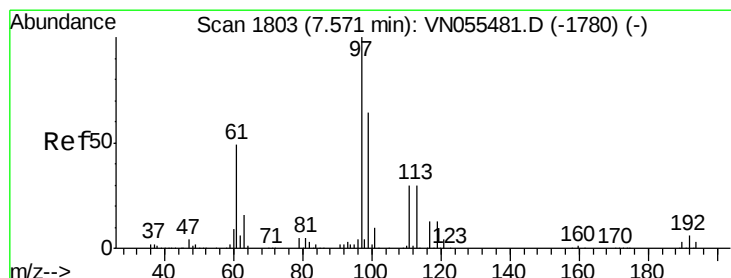
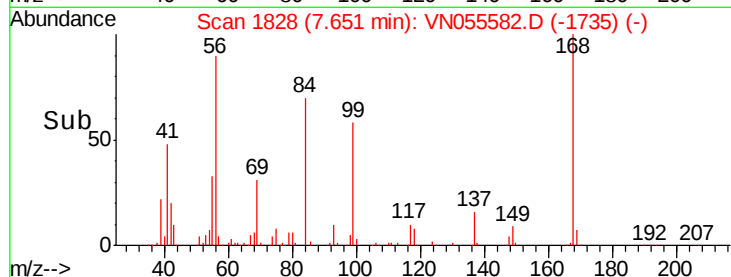
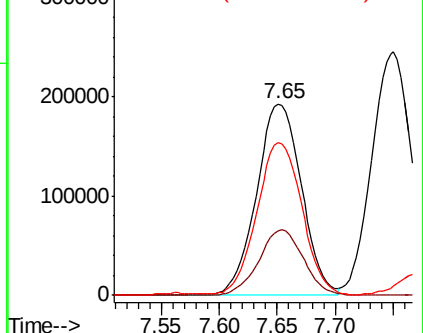
#31
Cyclohexane
Concen: 27.592 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Instrument :
MSVOA_N
ClientSampled :
KR-02_4-14

Tot Ion: 56 Resp: 519898
Ion Ratio Lower Upper
56 100
69 33.8 26.0 39.0
84 78.6 61.9 92.9

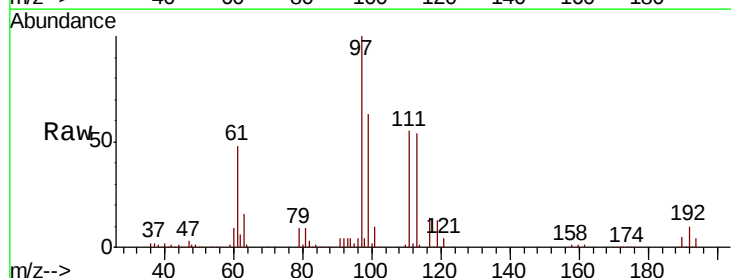


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

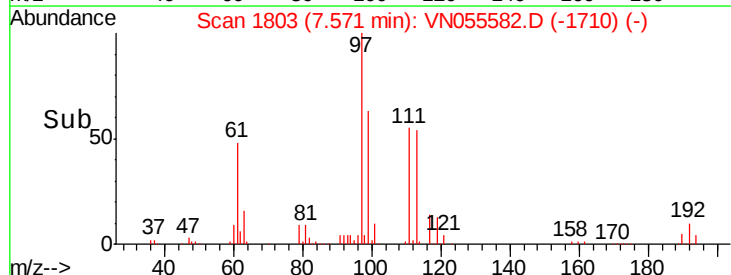
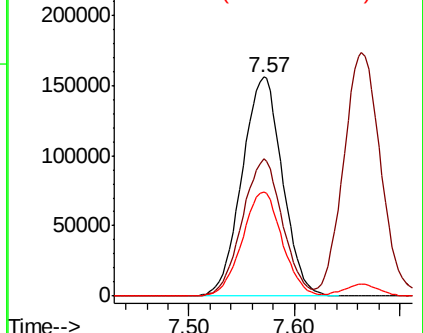


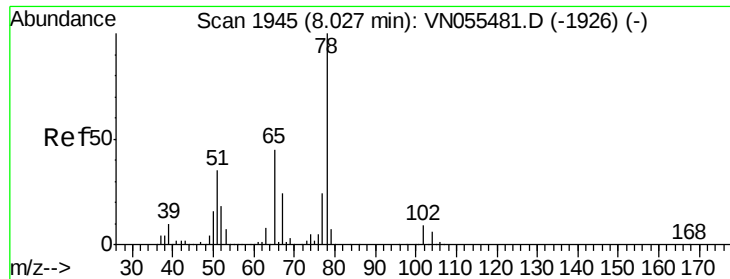
#32
1,1,1-Trichloroethane
Concen: 30.987 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion: 97 Resp: 415426
Ion Ratio Lower Upper
97 100
99 62.5 51.2 76.8
61 47.1 39.2 58.8



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

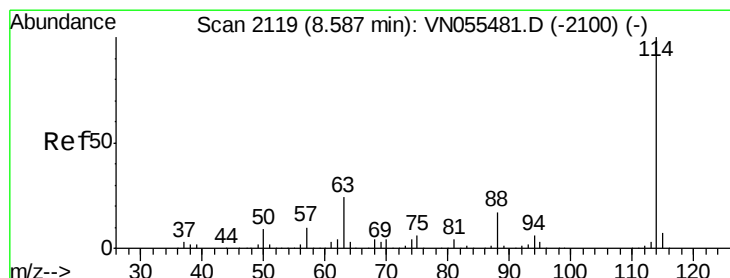
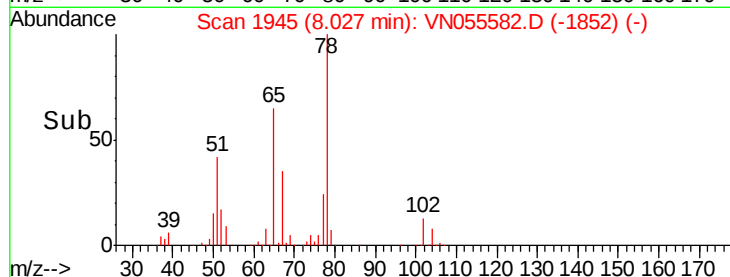
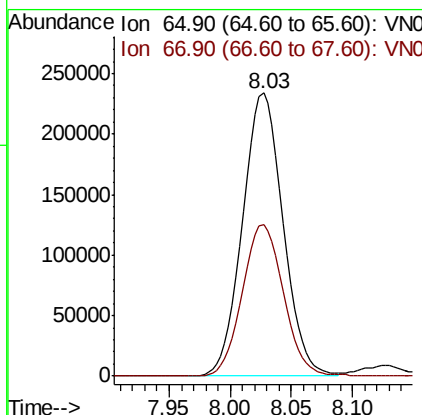
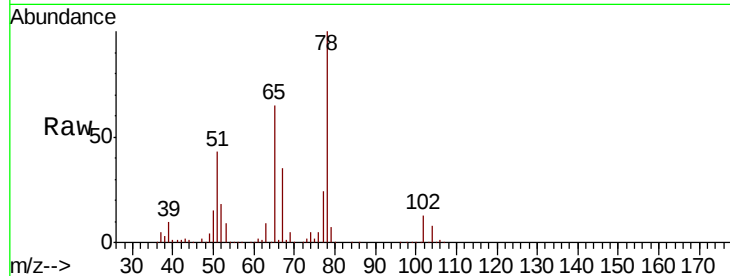




#33
 1,2-Dichloroethane-d4
 Concen: 46.117 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055582.D
 Acq: 13 May 2019 18:16

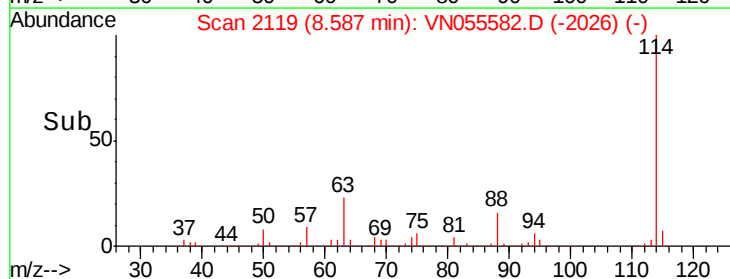
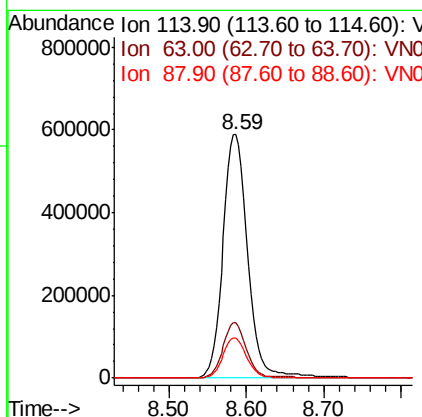
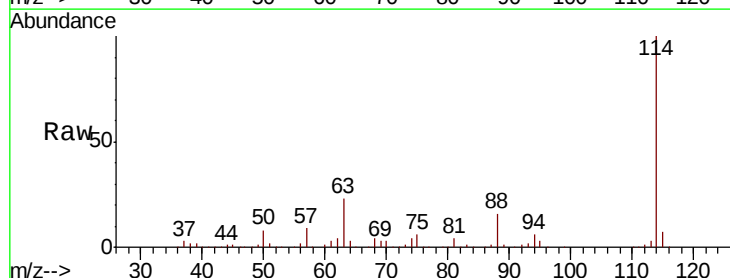
Instrument :
 MSVOA_N
 ClientSampled :
 KR-02 4-14

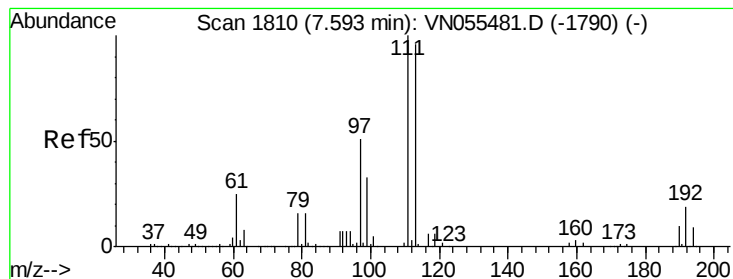
Tot Ion: 65 Resp: 538421
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055582.D
 Acq: 13 May 2019 18:16

Tgt Ion: 114 Resp: 1308926
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 47.4
 88 16.4 0.0 34.0





#35

Dibromofluoromethane

Concen: 51.451 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

KR-02 4-14

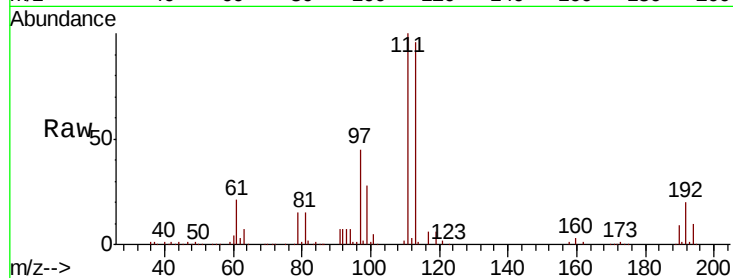
Tot Ion:113 Resp: 434434

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

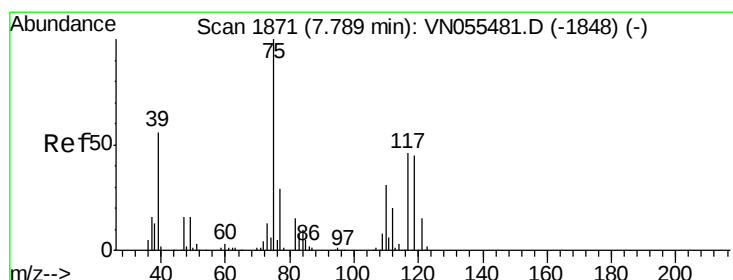
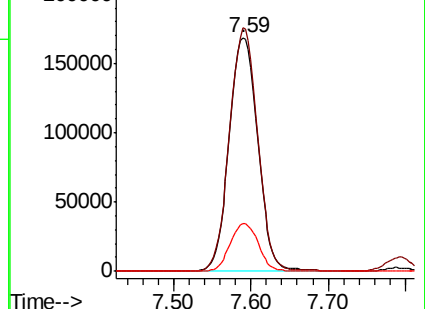
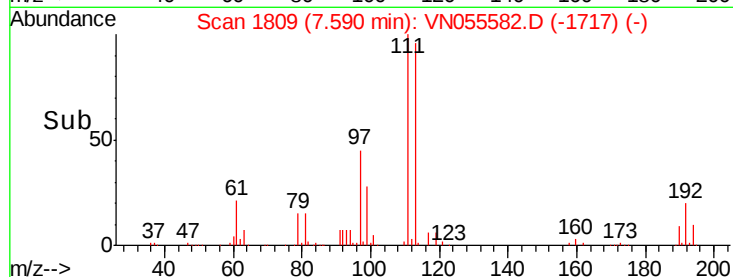
192 20.0 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 31.037 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

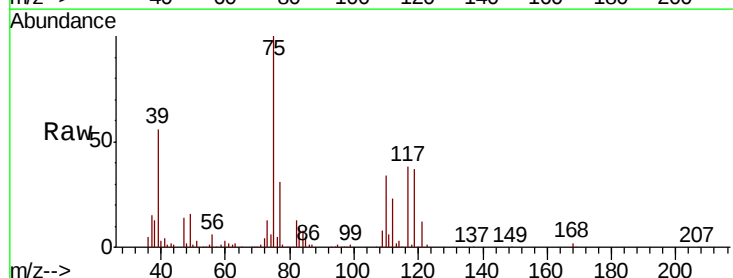
Tgt Ion: 75 Resp: 400230

Ion Ratio Lower Upper

75 100

110 33.9 16.1 48.3

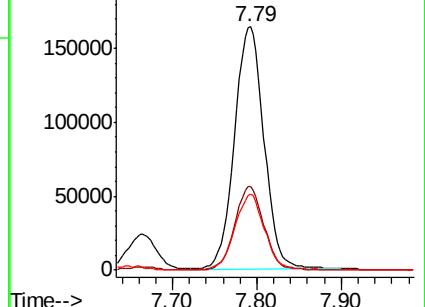
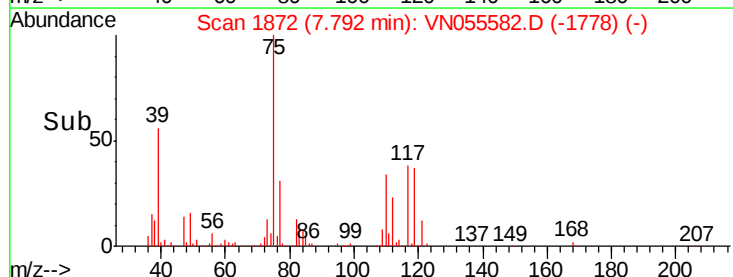
77 31.5 24.6 37.0

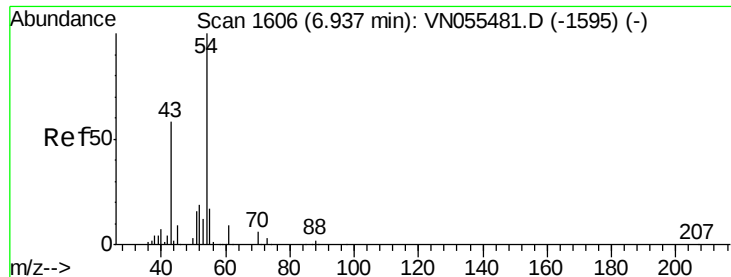


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

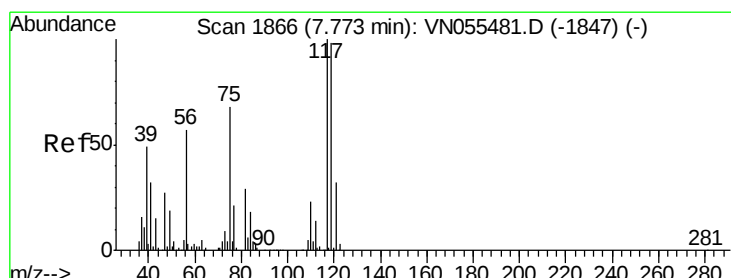
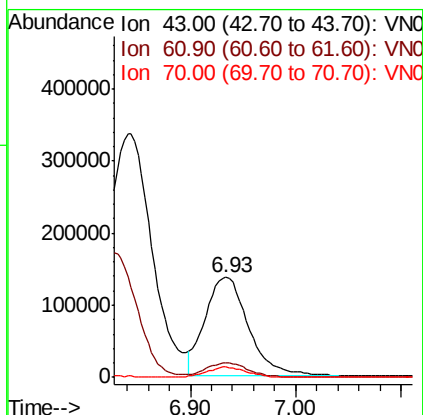
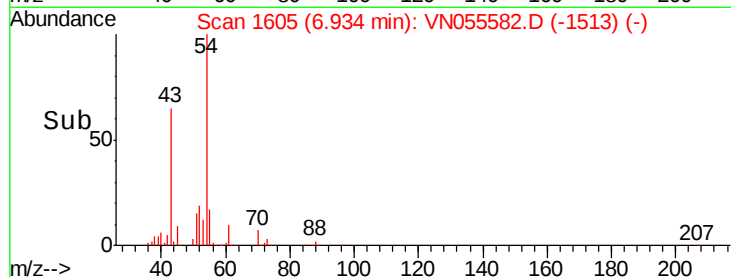
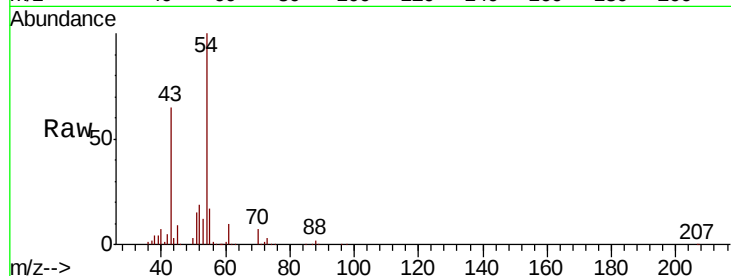




#37
Ethyl Acetate
Concen: 27.802 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

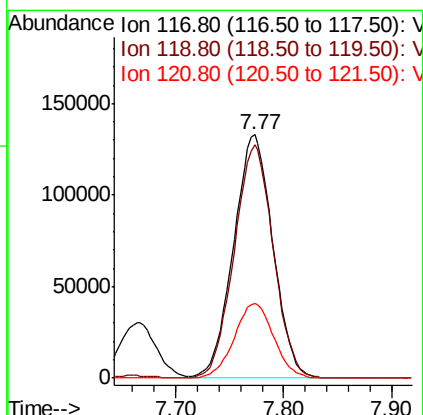
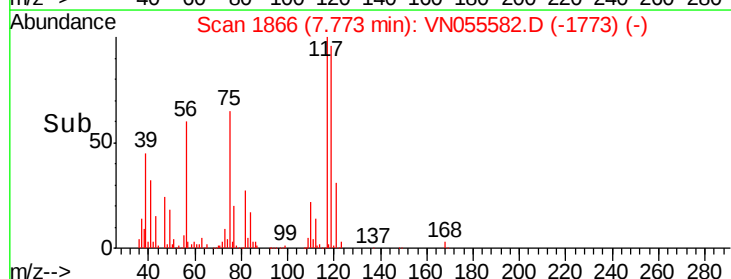
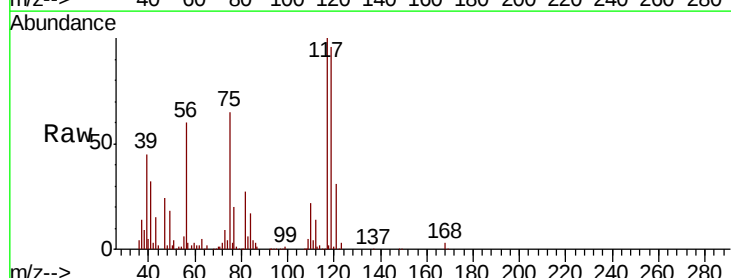
Instrument :
MSVOA_N
ClientSampled :
KR-02_4-14

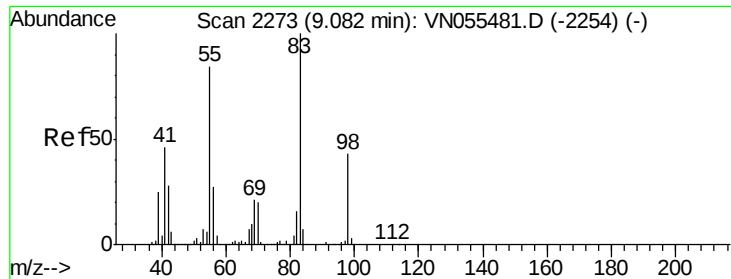
Tot Ion: 43 Resp: 391071
Ion Ratio Lower Upper
43 100
61 14.5 10.9 16.3
70 9.8 7.0 10.6



#38
Carbon Tetrachloride
Concen: 31.012 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion: 117 Resp: 336732
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.6
121 30.6 25.2 37.8

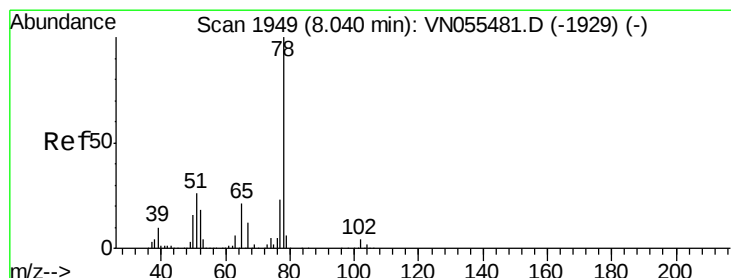
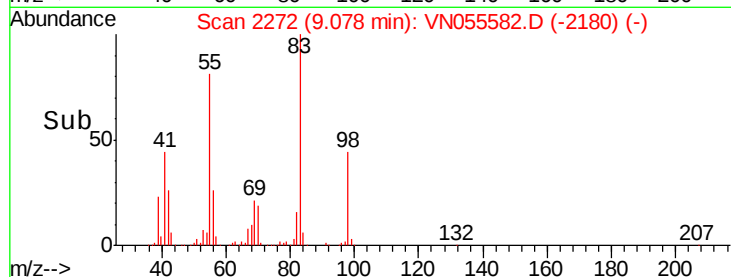
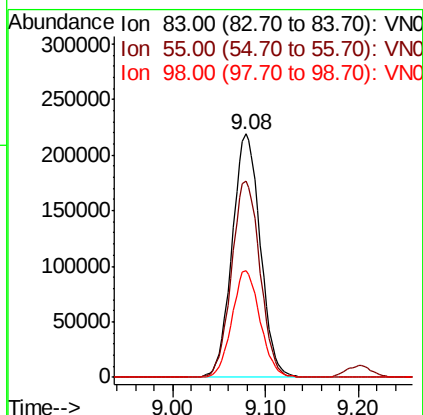
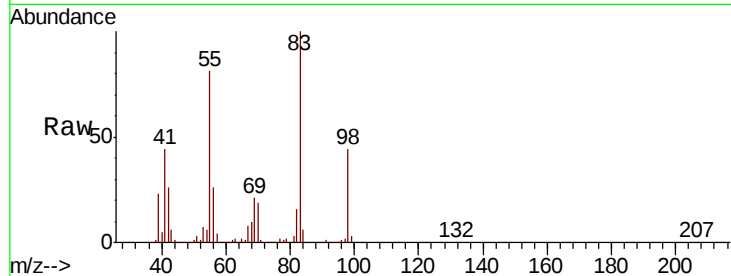




#39
Methvlcvclohexane
Concen: 29.292 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

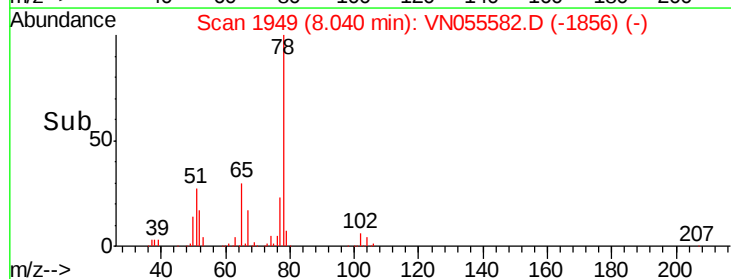
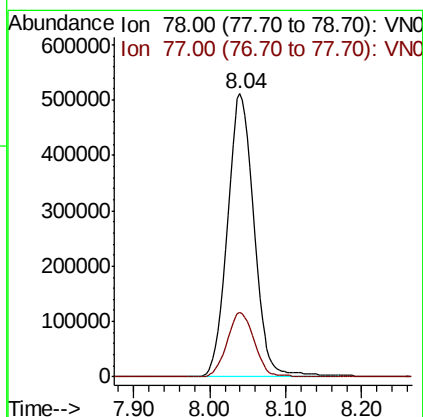
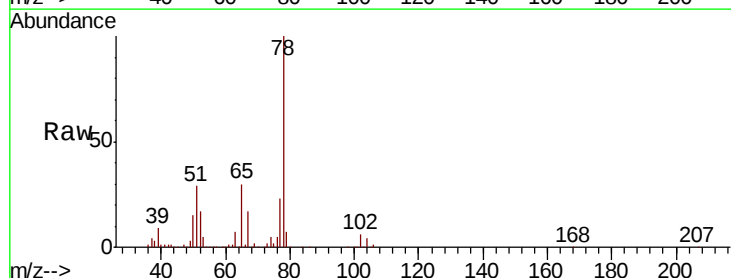
Instrument :
MSVOA_N
ClientSampled :
KR-02_4-14

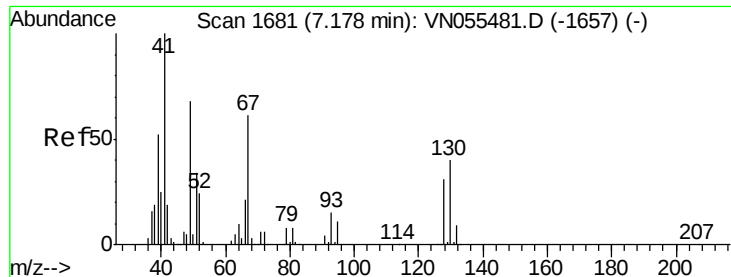
Tot Ion: 83 Resp: 460546
Ion Ratio Lower Upper
83 100
55 80.7 67.0 100.4
98 43.9 34.2 51.4



#40
Benzene
Concen: 31.097 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion: 78 Resp: 1244539
Ion Ratio Lower Upper
78 100
77 22.7 18.6 27.8

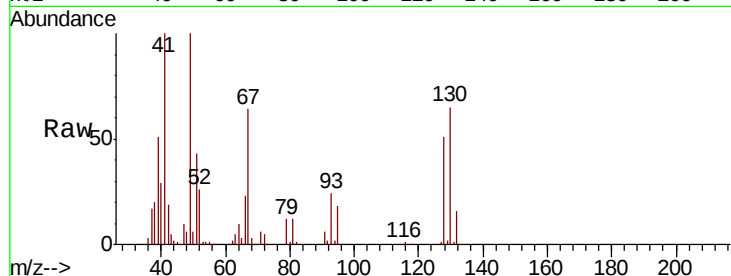




#41
Methacrylonitrile
Concen: 30.327 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Instrument :
MSVOA_N
ClientSampled :
KR-02_4-14

Tot Ion:	41	Resp:	198000
Ion	Ratio	Lower	Upper
41	100		
39	58.9	44.7	67.1
67	82.9	61.4	92.0
52	33.6	25.0	37.4



Abundance

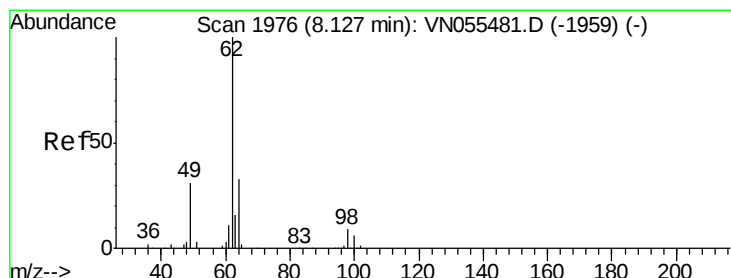
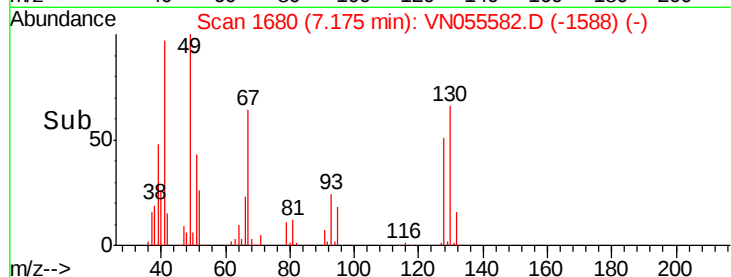
Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

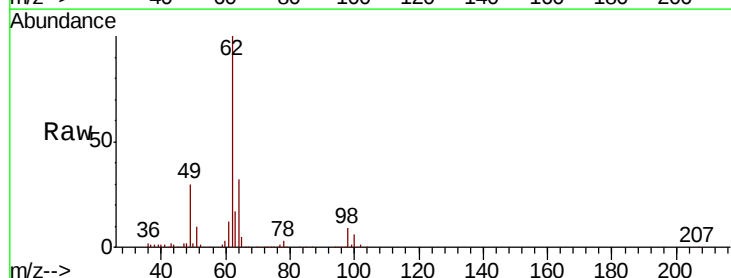
Ion 52.00 (51.70 to 52.70): VNO

Time-->



#42
1,2-Dichloroethane
Concen: 29.600 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion:	62	Resp:	416189
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.4

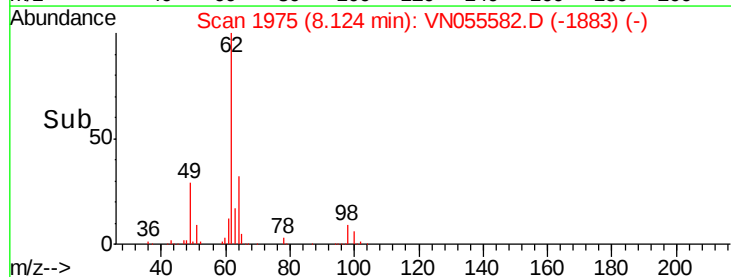


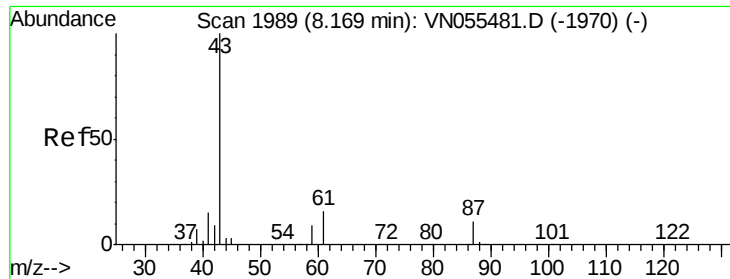
Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

Time-->





#43

Isopropyl Acetate

Concen: 29.818 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

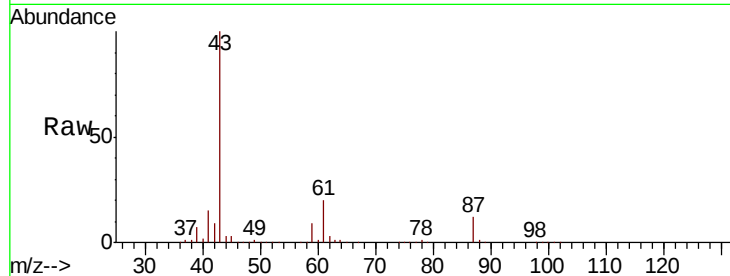
MSVOA_N

ClientSampleId :

KR-02_4-14

Tot Ion: 43 Resp: 637214

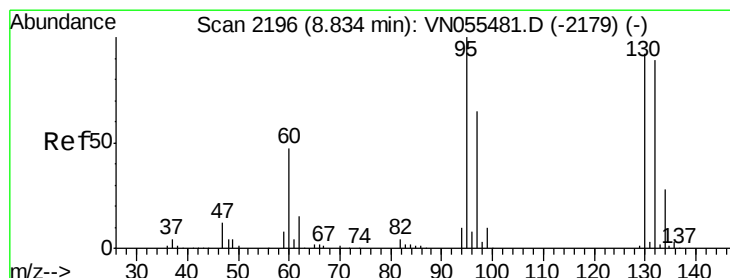
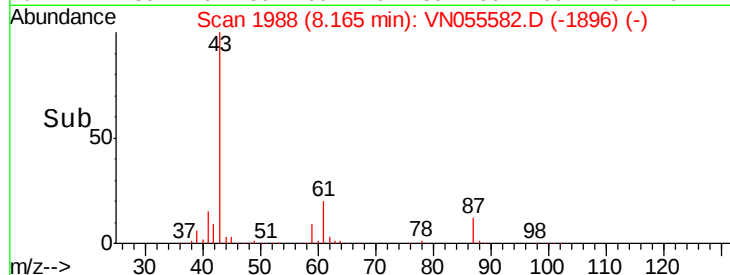
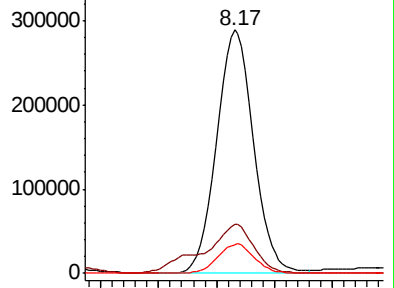
Ion	Ratio	Lower	Upper
43	100		
61	27.2	15.1	22.7#
87	12.0	9.0	13.6



Abundance Ion 43.00 (42.70 to 43.70): VN055481.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055481.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055481.D (-1970) (-)



#44

Trichloroethene

Concen: 31.795 ug/l

RT: 8.83 min Scan# 2196

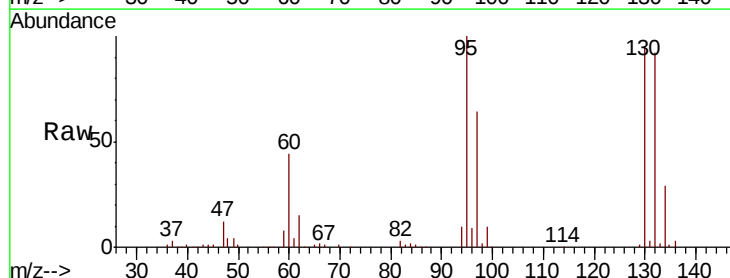
Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

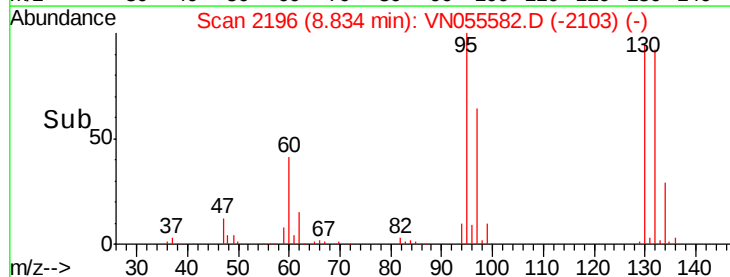
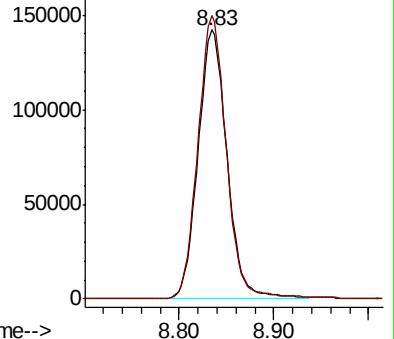
Tgt Ion:130 Resp: 302770

Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	216.8



Abundance Ion 129.80 (129.50 to 130.50): VN055481.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055481.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 30.641 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampleId :

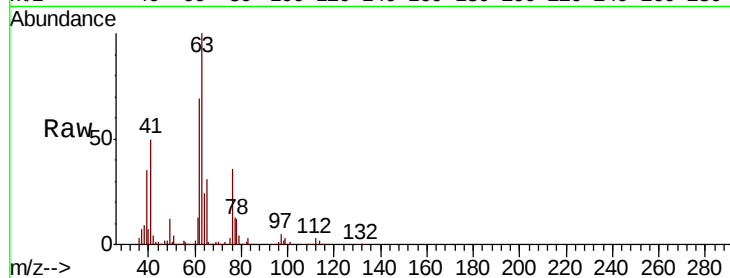
KR-02 4-14

Tot Ion: 63 Resp: 350875

Ion Ratio Lower Upper

63 100

65 31.1 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

150000

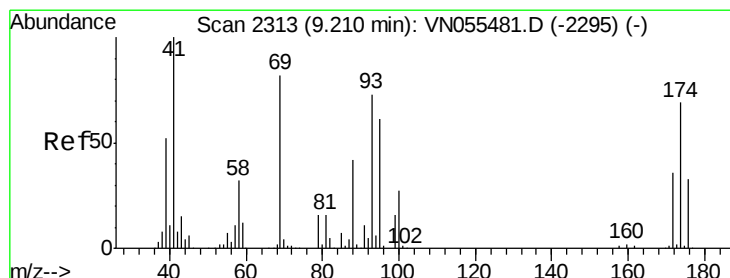
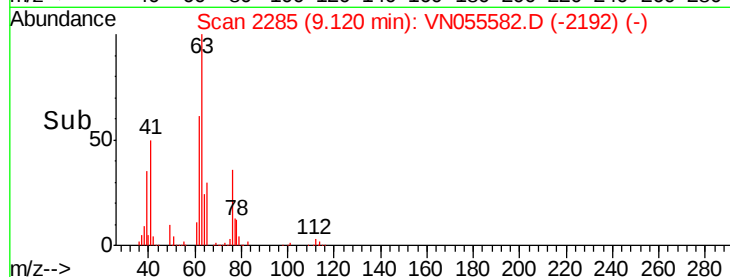
100000

50000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 30.731 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

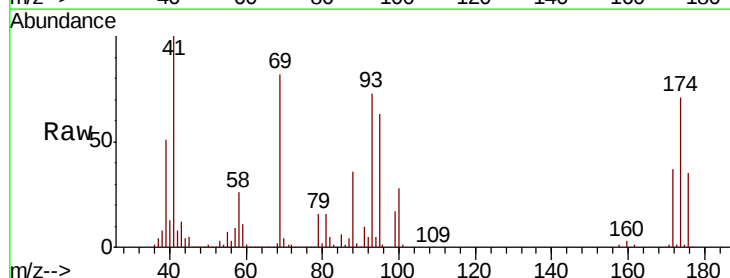
Tgt Ion: 93 Resp: 203975

Ion Ratio Lower Upper

93 100

95 84.0 64.8 97.2

174 98.8 75.0 112.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.21

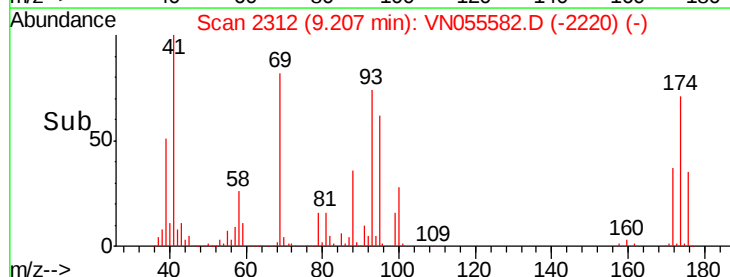
100000

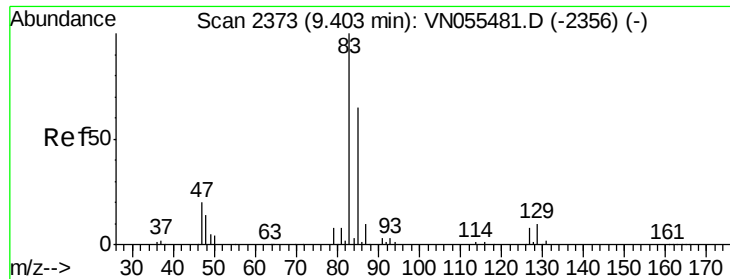
50000

0

Time-->

9.10 9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 31.117 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

KR-02 4-14

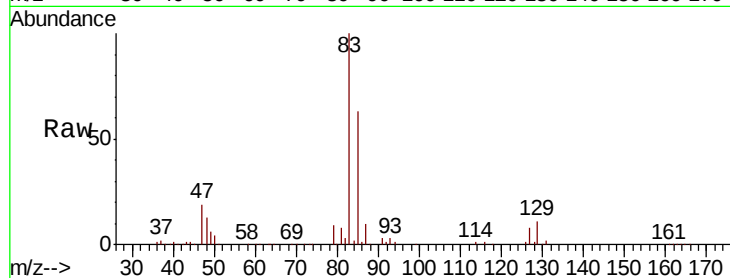
Tot Ion: 83 Resp: 395123

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.2

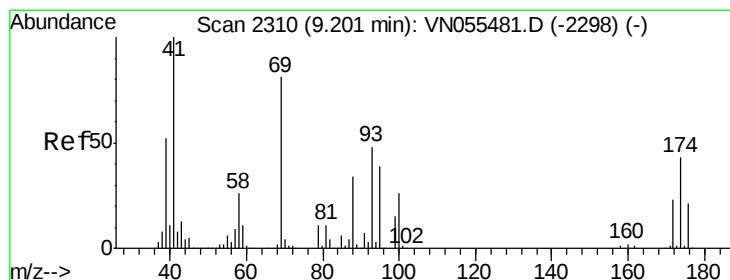
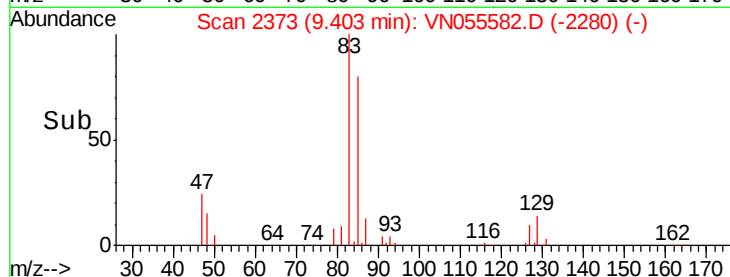
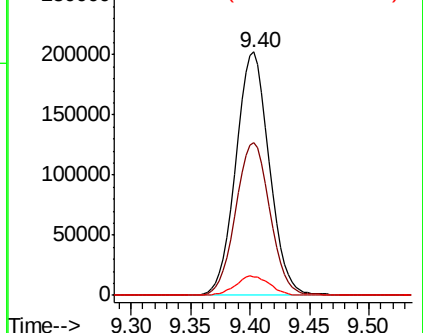
127 7.8 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 28.979 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

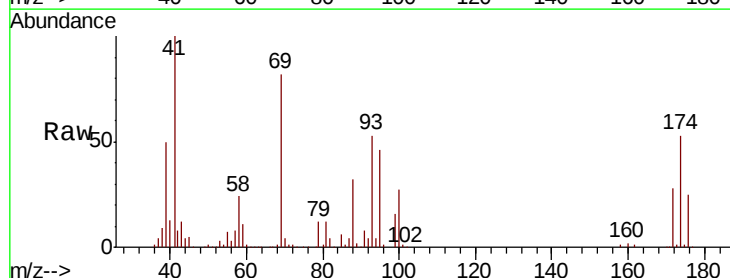
Tgt Ion: 41 Resp: 298383

Ion Ratio Lower Upper

41 100

69 86.1 64.2 96.2

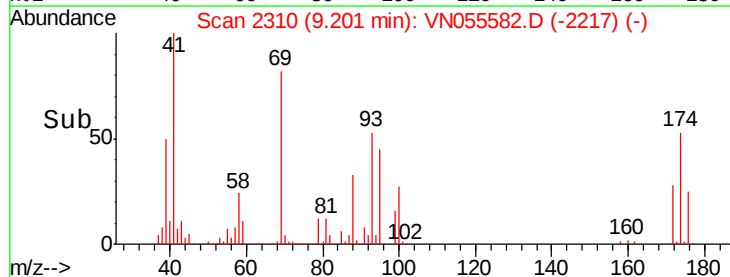
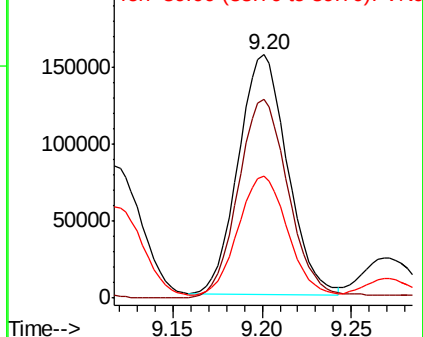
39 51.6 41.6 62.4

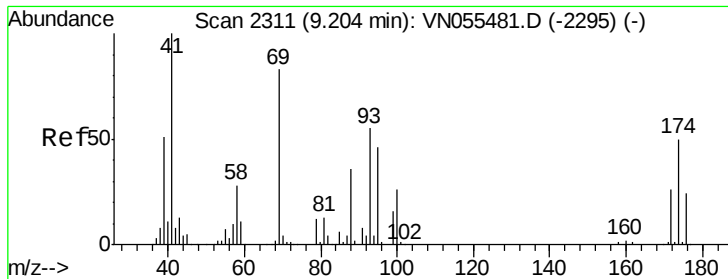


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

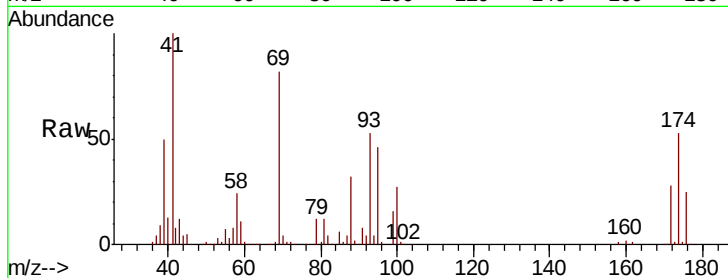




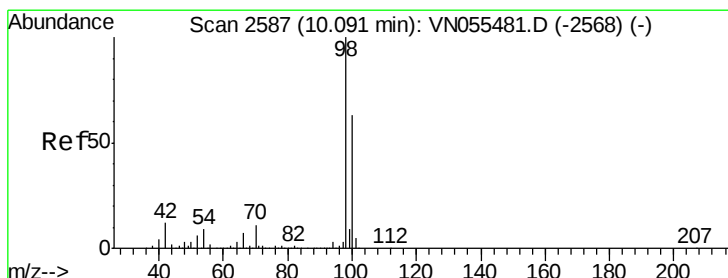
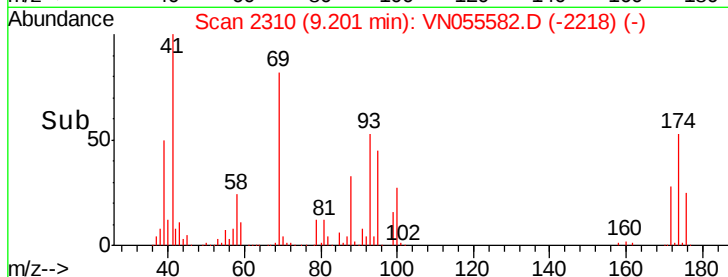
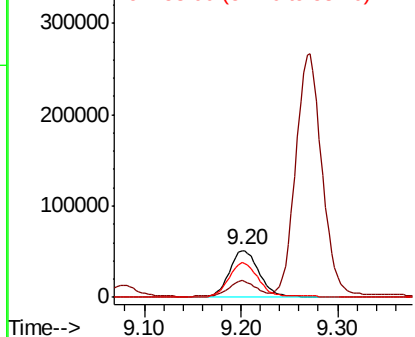
#49
1,4-Dioxane
Concen: 558.479 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Instrument :
MSVOA_N
ClientSampled :
KR-02_4-14

Tot Ion: 88 Resp: 112076
Ion Ratio Lower Upper
88 100
43 29.3 27.8 41.8
58 72.0 61.8 92.6

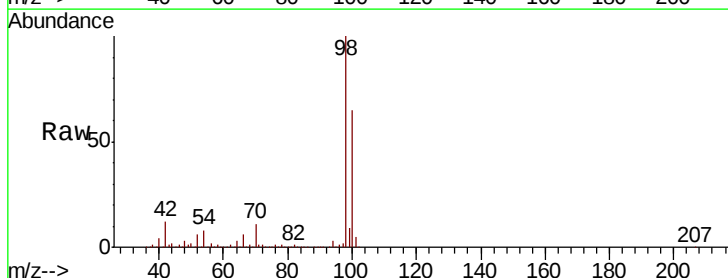


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

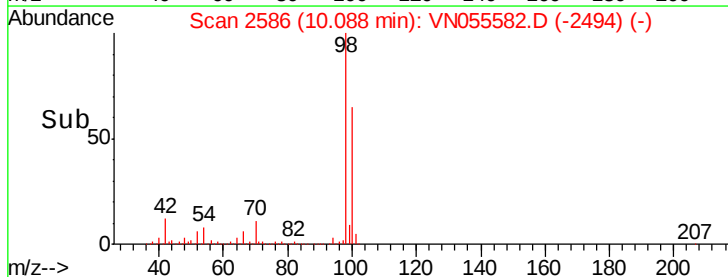
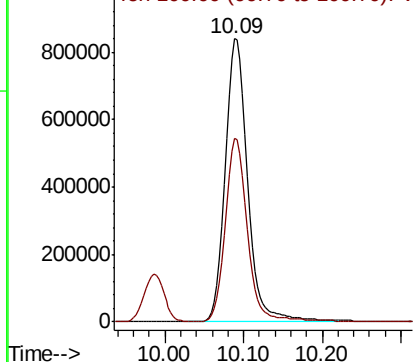


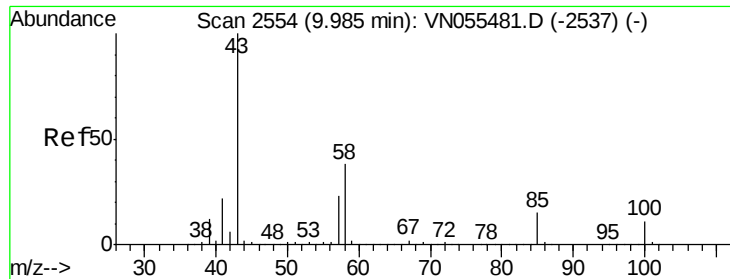
#50
Toluene-d8
Concen: 50.319 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion: 98 Resp: 1655689
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



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





#51

4-Methyl-2-Pentanone

Concen: 142.747 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

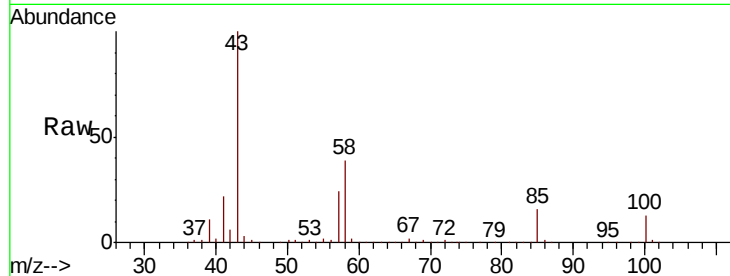
KR-02 4-14

Tot Ion: 43 Resp: 2006316

Ion Ratio Lower Upper

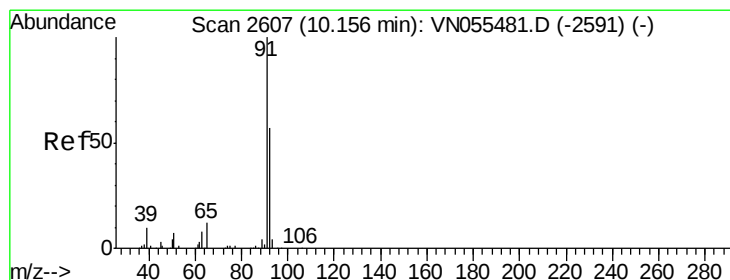
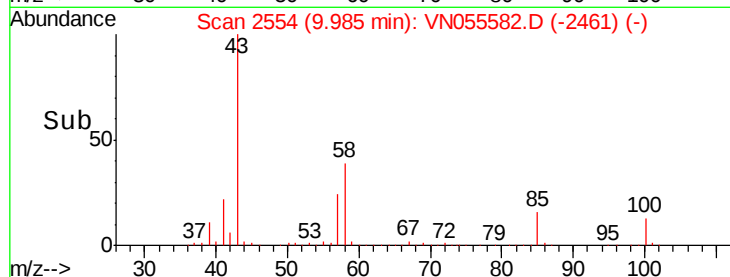
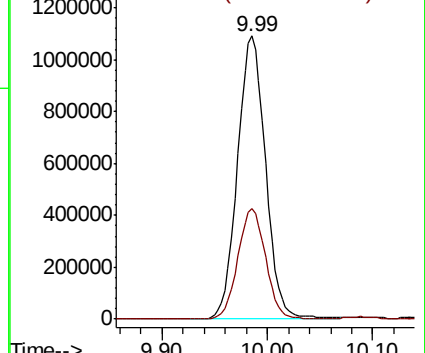
43 100

58 38.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 32.322 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055582.D

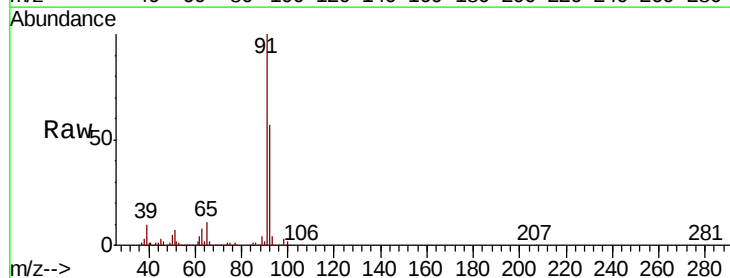
Acq: 13 May 2019 18:16

Tgt Ion: 92 Resp: 739533

Ion Ratio Lower Upper

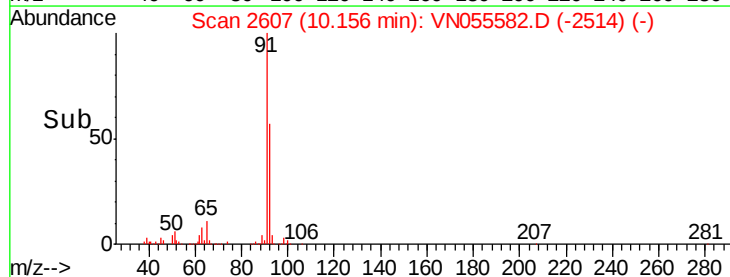
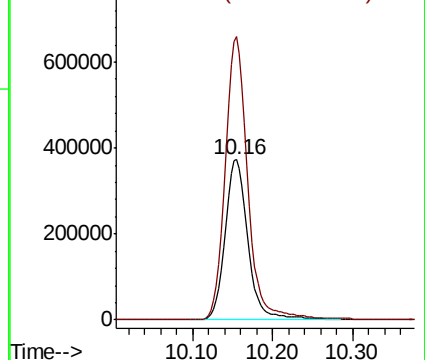
92 100

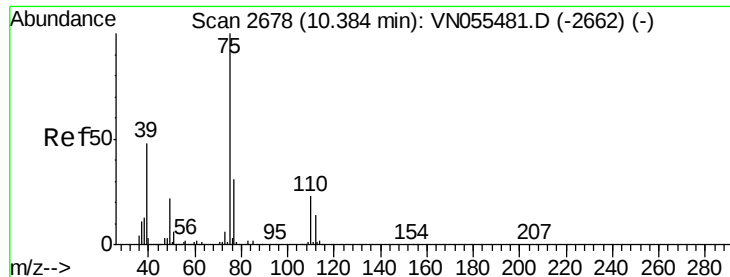
91 174.2 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 32.838 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

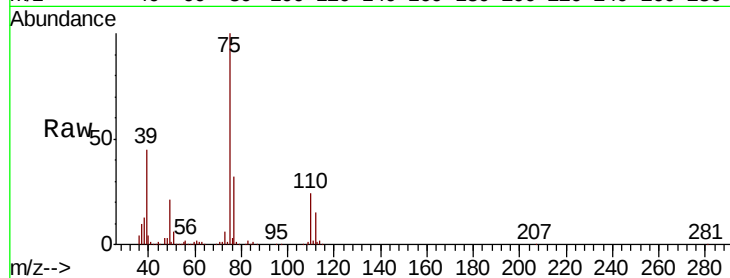
KR-02 4-14

Tot Ion: 75 Resp: 400473

Ion Ratio Lower Upper

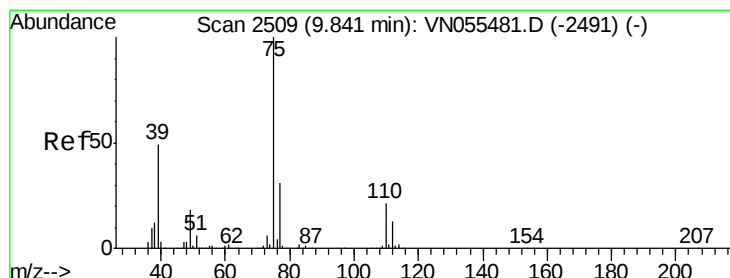
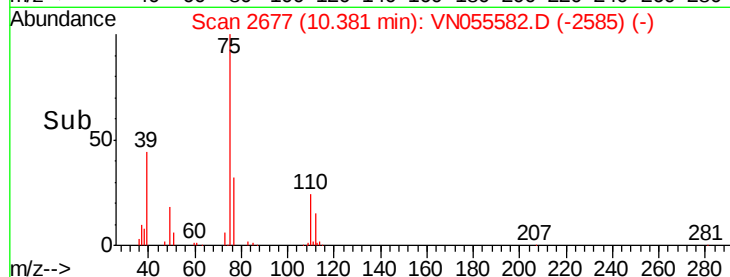
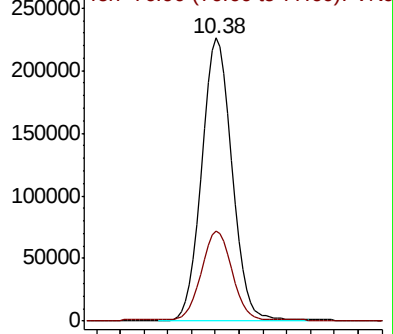
75 100

77 31.5 25.1 37.7



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: 32.572 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

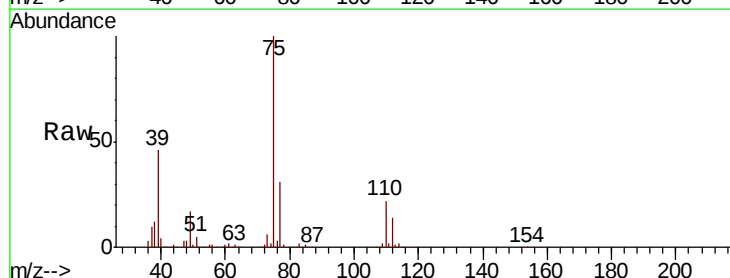
Tgt Ion: 75 Resp: 474668

Ion Ratio Lower Upper

75 100

77 30.8 24.4 36.6

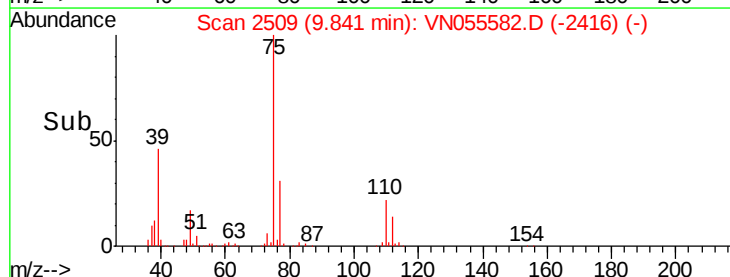
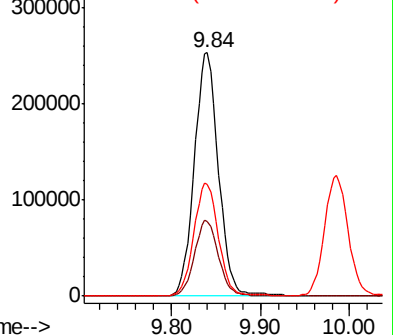
39 46.0 39.5 59.3

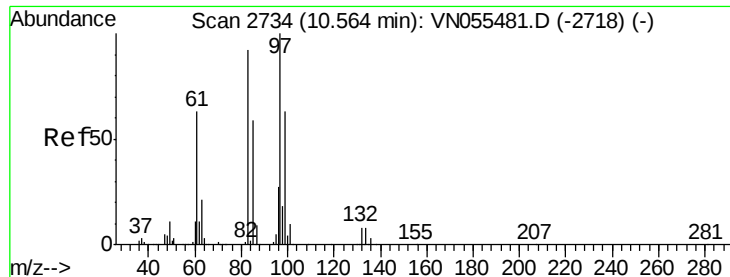


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 31.900 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

KR-02 4-14

Tot Ion: 97 Resp: 295717

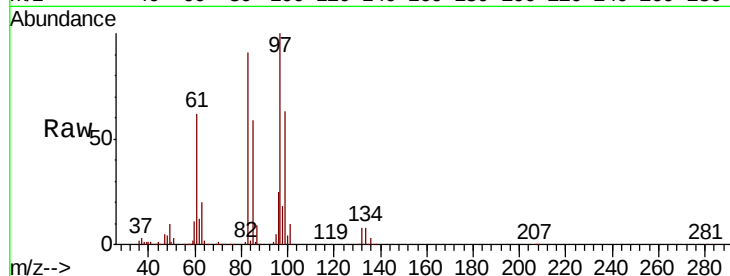
Ion Ratio Lower Upper

97 100

83 91.3 73.2 109.8

85 59.3 47.5 71.3

99 63.0 50.2 75.2

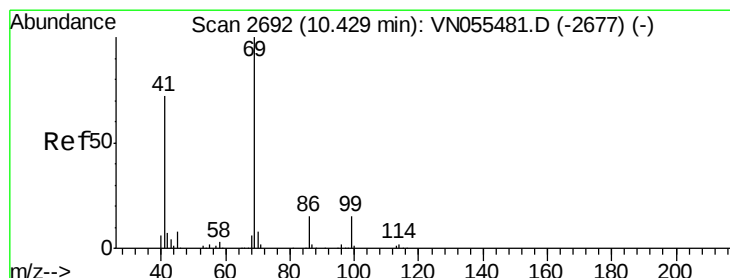
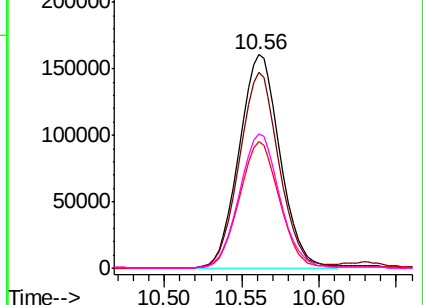
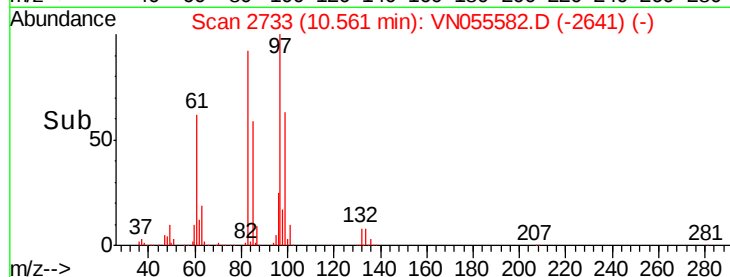


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 31.591 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

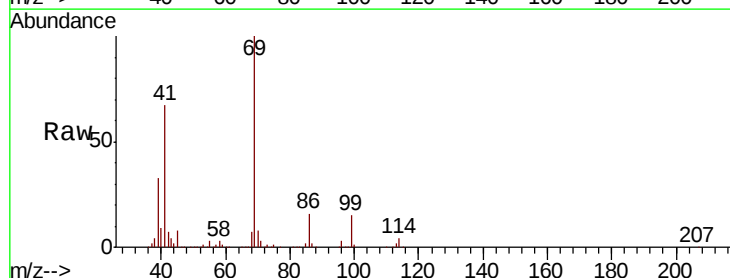
Tgt Ion: 69 Resp: 435602

Ion Ratio Lower Upper

69 100

41 66.6 56.2 84.2

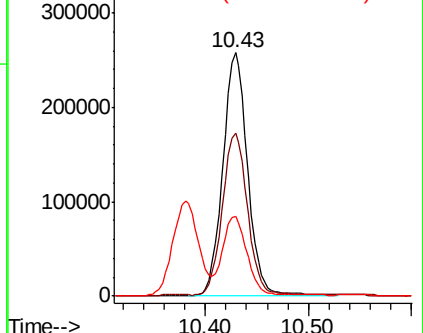
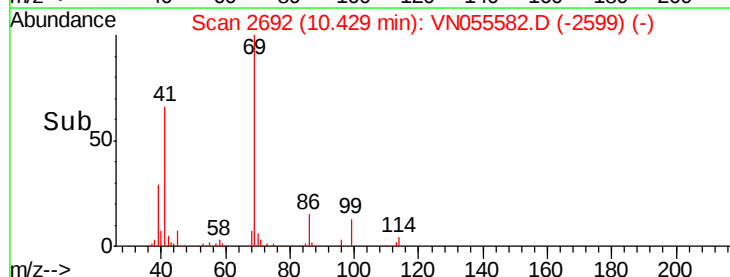
39 30.9 27.8 41.6

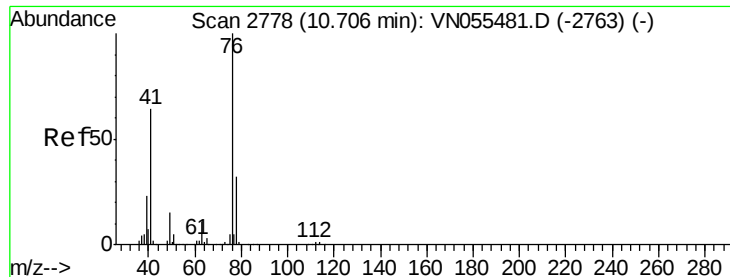


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 31.292 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

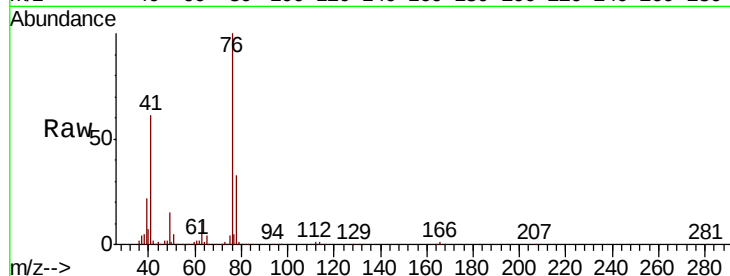
KR-02 4-14

Tot Ion: 76 Resp: 514992

Ion Ratio Lower Upper

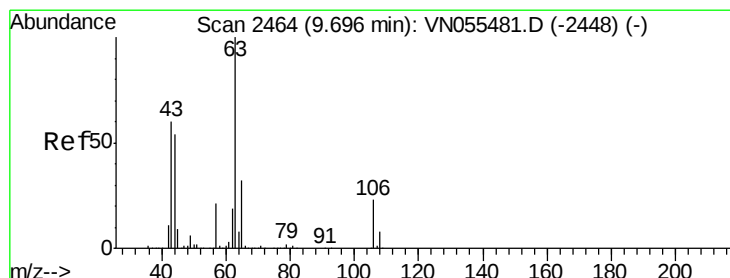
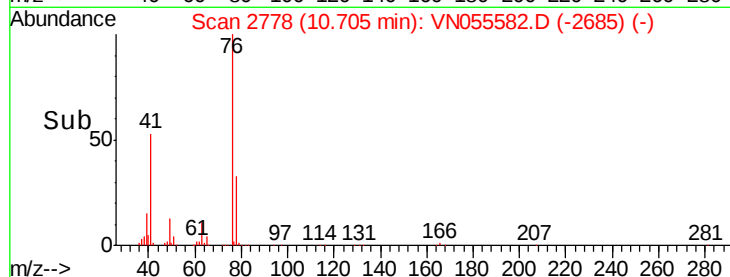
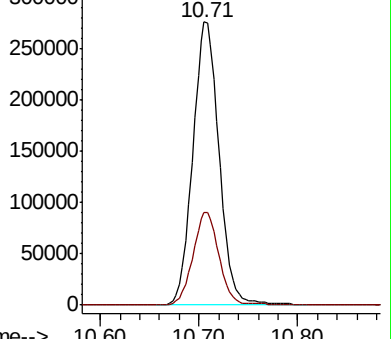
76 100

78 32.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 12.680 ug/l

RT: 9.72 min Scan# 2472

Delta R.T. 0.03 min

Lab File: VN055582.D

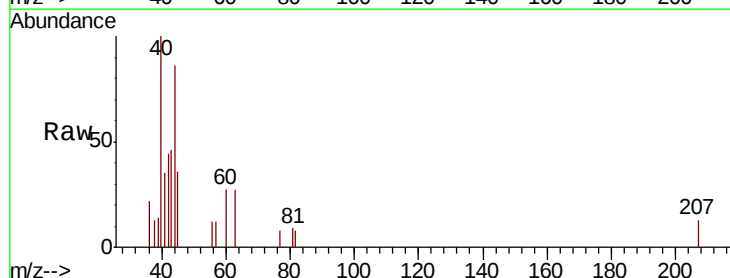
Acq: 13 May 2019 18:16

Tgt Ion: 63 Resp: 820

Ion Ratio Lower Upper

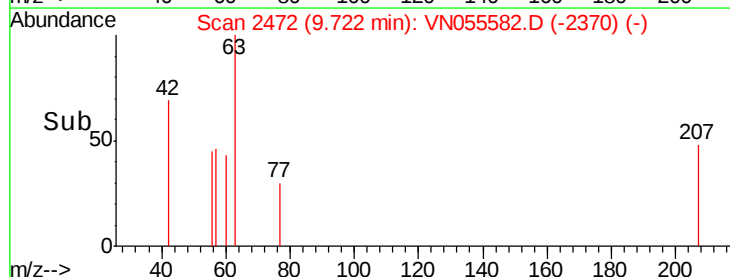
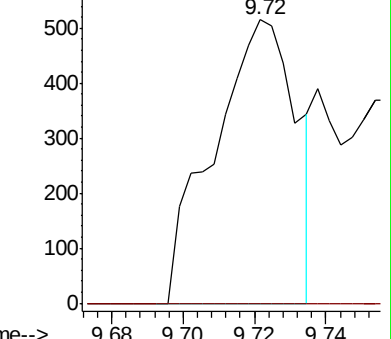
63 100

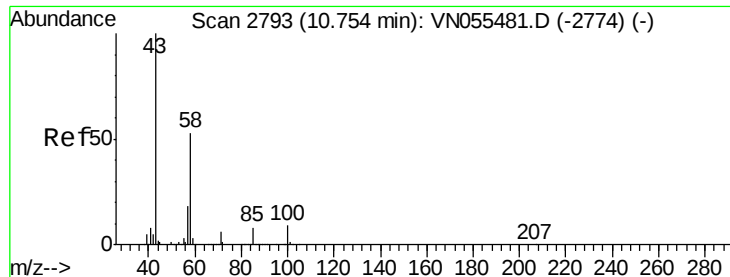
106 0.0 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

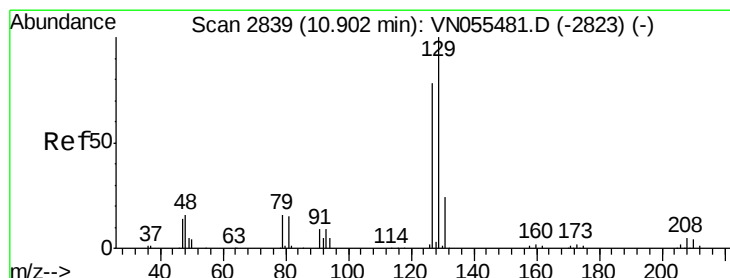
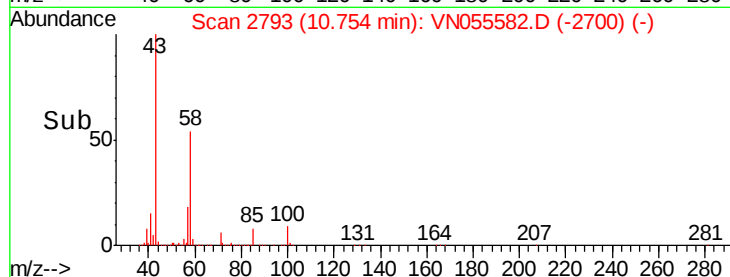
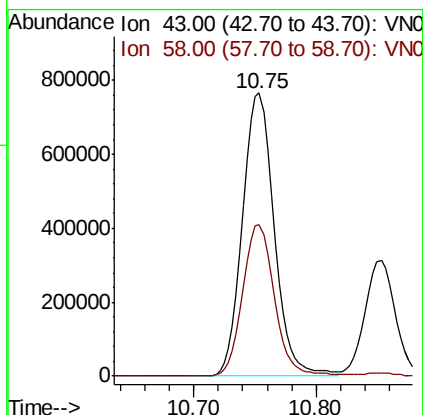
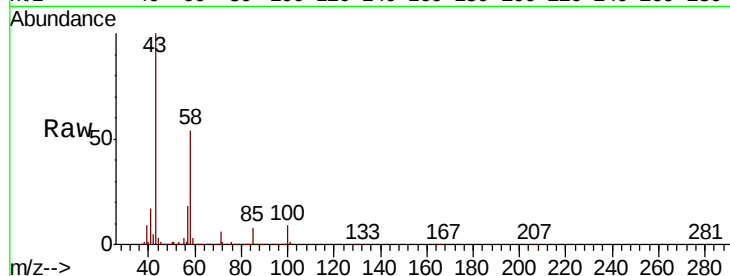




#59
2-Hexanone
Concen: 139.255 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

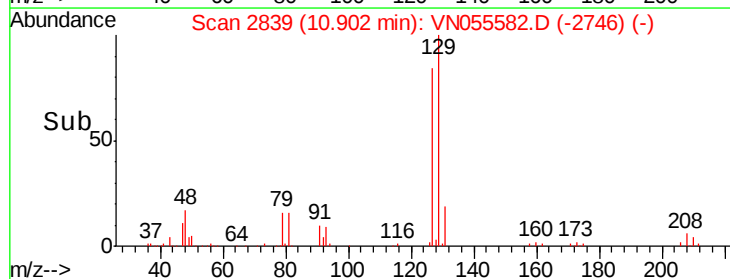
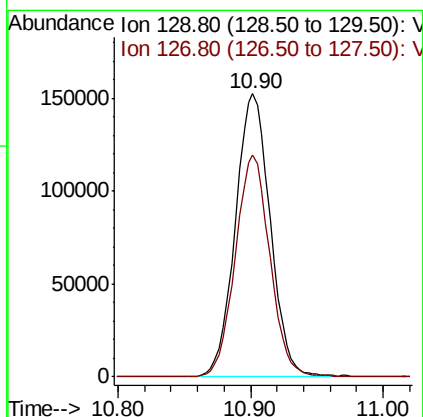
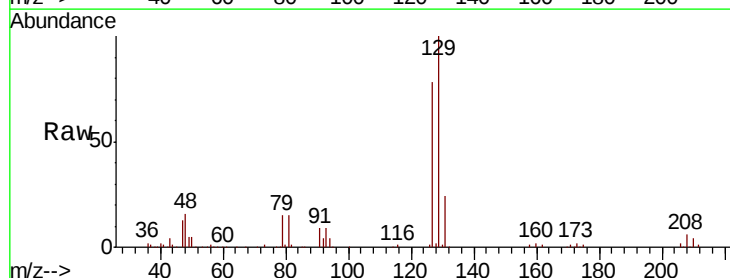
Instrument :
MSVOA_N
ClientSampled :
KR-02 4-14

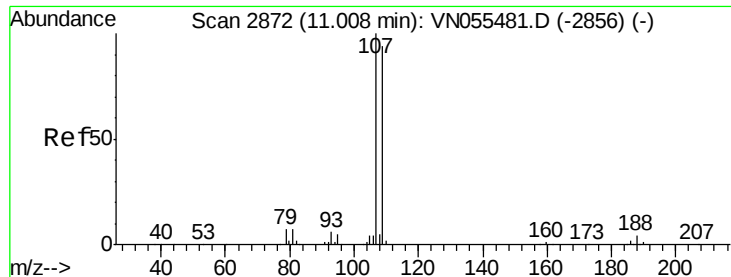
Tot Ion: 43 Resp: 1372608
Ion Ratio Lower Upper
43 100
58 53.9 26.4 79.0



#60
Dibromochloromethane
Concen: 33.018 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion: 129 Resp: 278291
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0

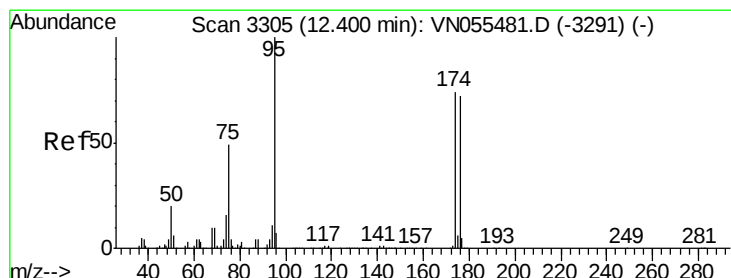
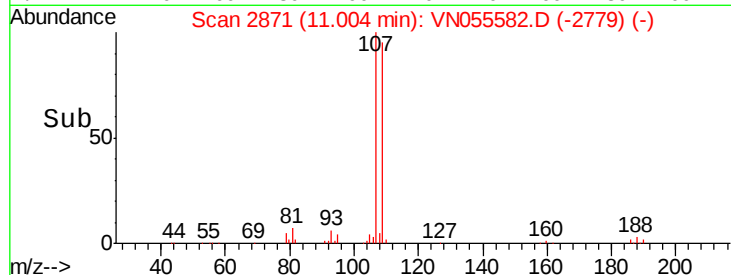
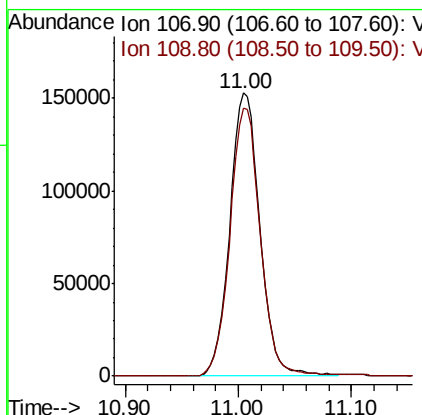
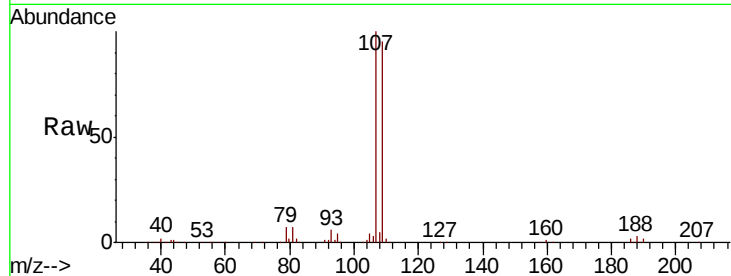




#61
 1,2-Dibromoethane
 Concen: 31.800 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055582.D
 Acq: 13 May 2019 18:16

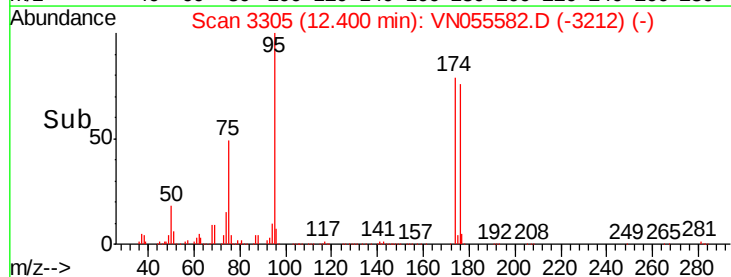
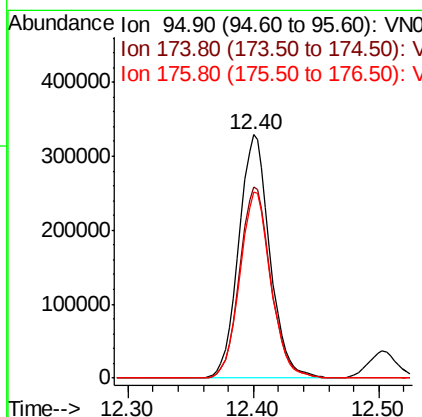
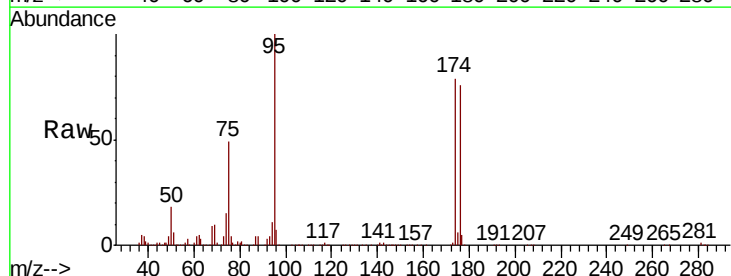
Instrument :
 MSVOA_N
 ClientSampleId :
 KR-02_4-14

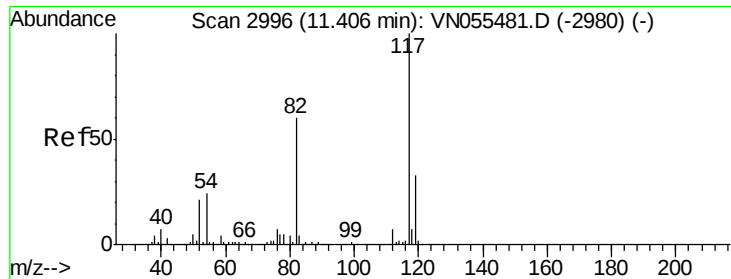
Tot Ion:107 Resp: 283236
 Ion Ratio Lower Upper
 107 100
 109 95.6 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 51.140 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN055582.D
 Acq: 13 May 2019 18:16

Tgt Ion: 95 Resp: 567381
 Ion Ratio Lower Upper
 95 100
 174 78.7 0.0 152.2
 176 76.3 0.0 147.8

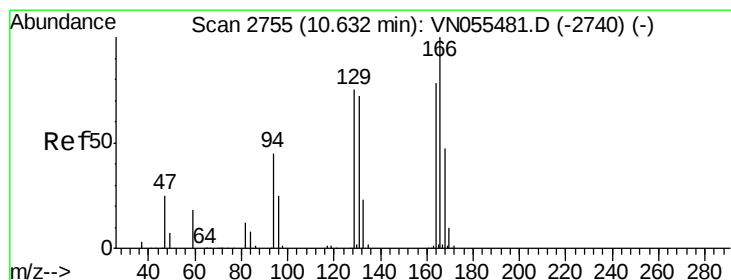
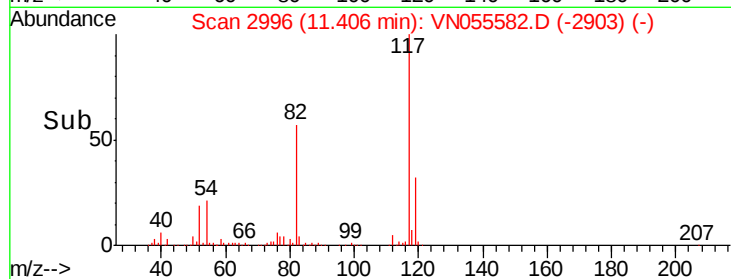
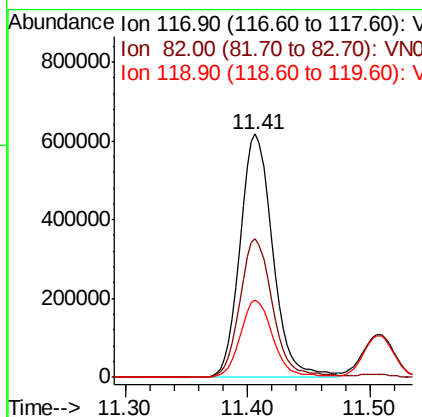
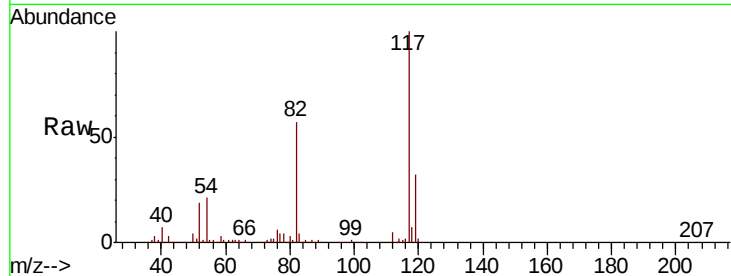




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

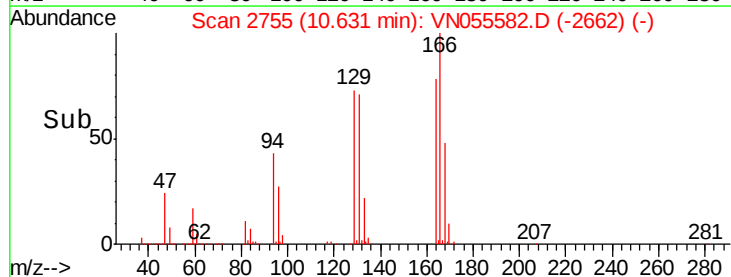
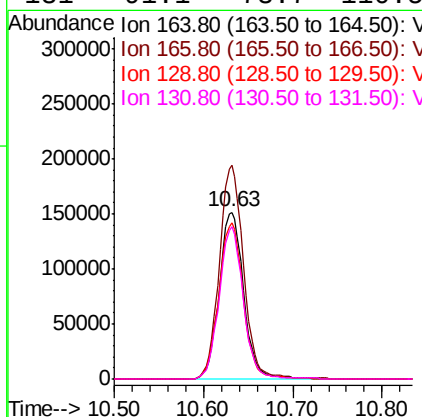
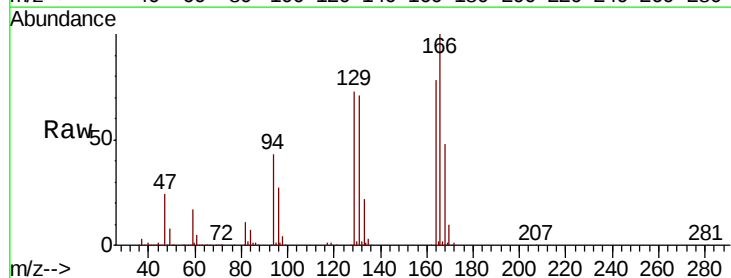
Instrument :
MSVOA_N
ClientSampleId :
KR-02_4-14

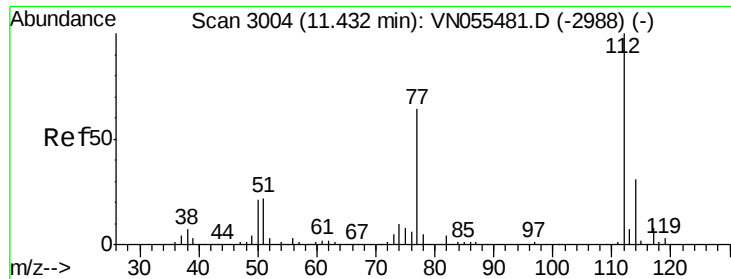
Tot Ion:117 Resp: 1141136
Ion Ratio Lower Upper
117 100
82 56.8 48.0 72.0
119 31.8 26.0 39.0



#64
Tetrachloroethene
Concen: 30.719 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion:164 Resp: 287234
Ion Ratio Lower Upper
164 100
166 128.0 102.6 153.8
129 93.5 77.0 115.6
131 91.1 73.7 110.5

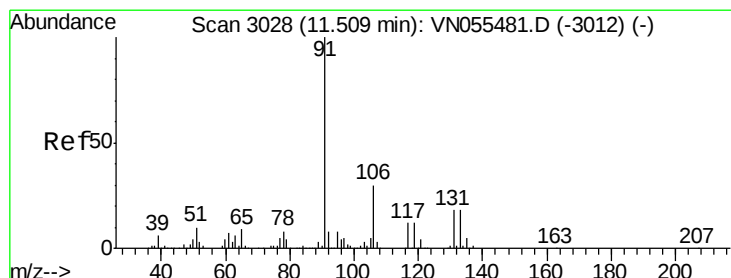
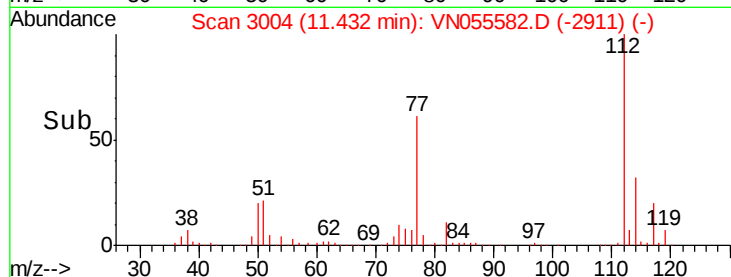
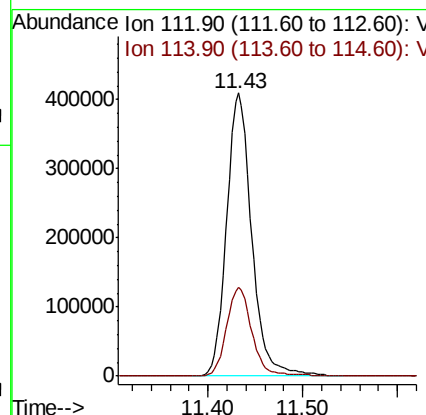
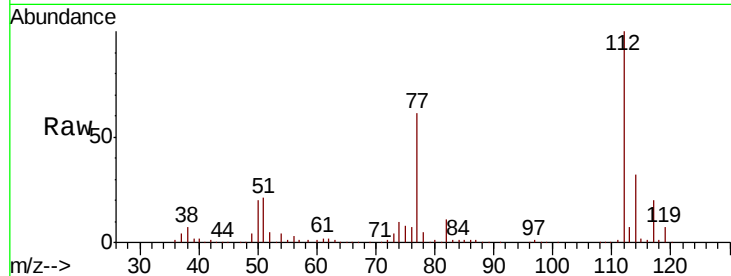




#65
Chlorobenzene
Concen: 32.223 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

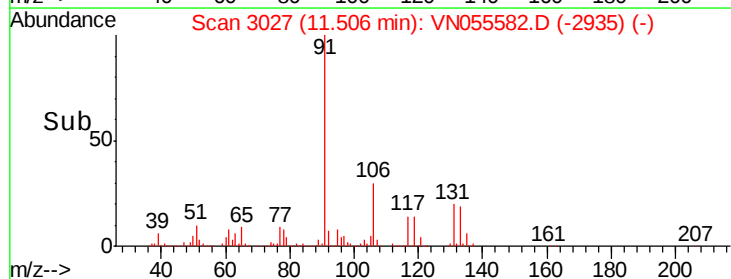
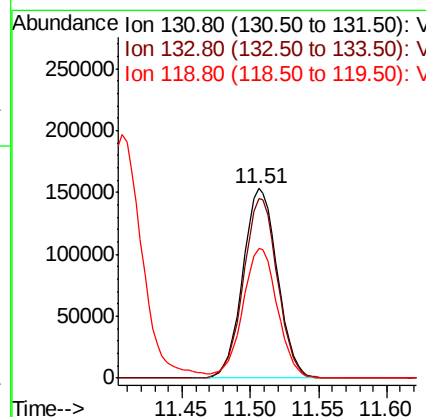
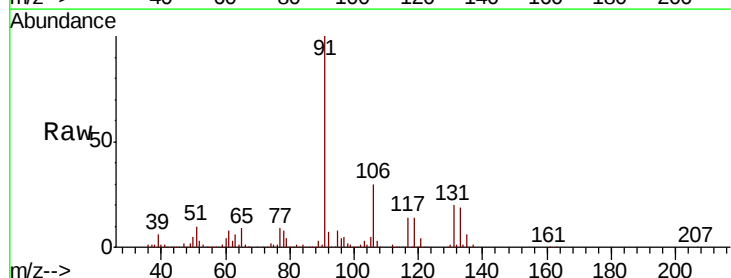
Instrument :
MSVOA_N
ClientSampleId :
KR-02_4-14

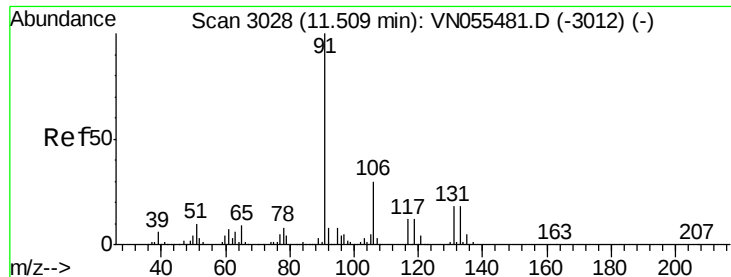
Tot Ion:112 Resp: 756498
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 33.284 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion:131 Resp: 269017
Ion Ratio Lower Upper
131 100
133 93.8 47.4 142.2
119 68.7 34.1 102.2

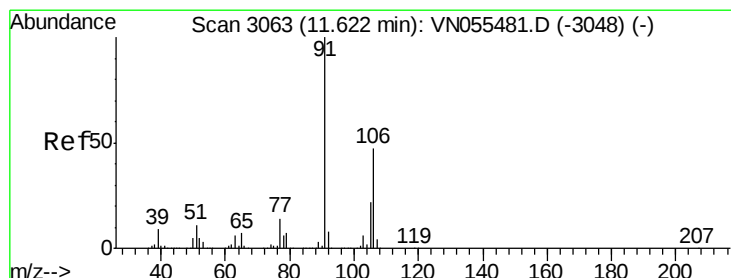
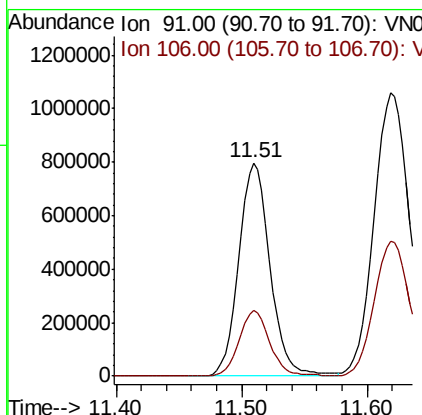
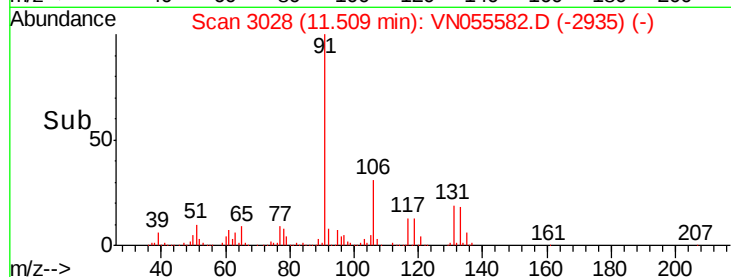
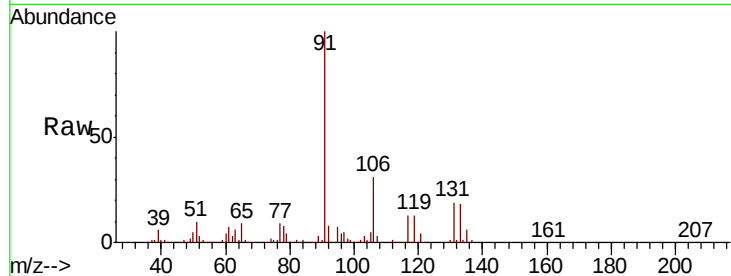




#67
Ethyl Benzene
Concen: 31.396 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

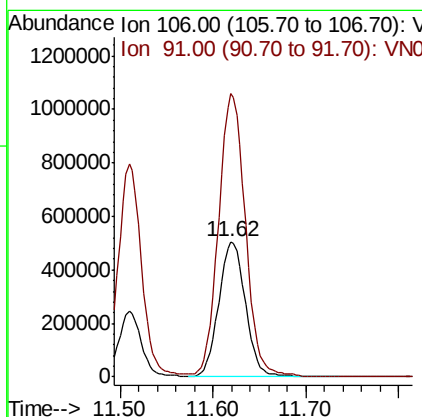
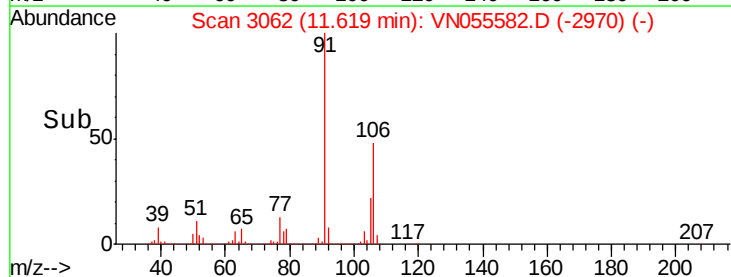
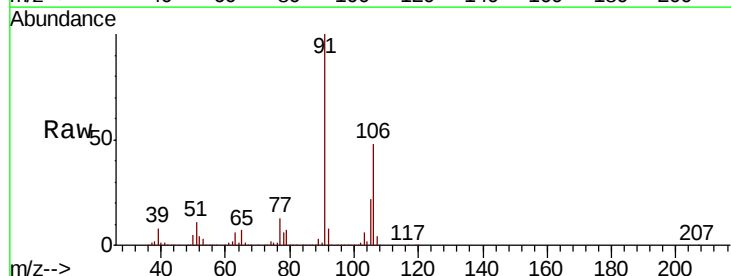
Instrument :
MSVOA_N
ClientSampled :
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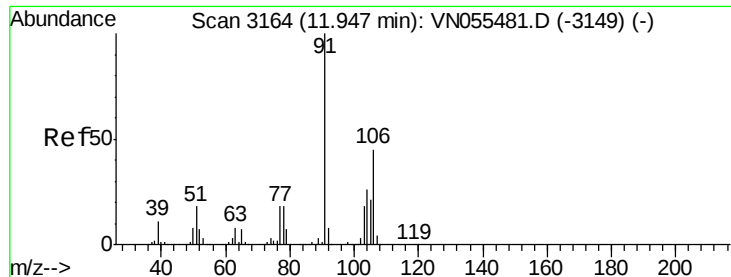
Tot Ion: 91 Resp: 1384364
Ion Ratio Lower Upper
91 100
106 30.6 23.8 35.6



#68
m/p-Xylenes
Concen: 64.038 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion: 106 Resp: 1013335
Ion Ratio Lower Upper
106 100
91 209.8 169.2 253.8

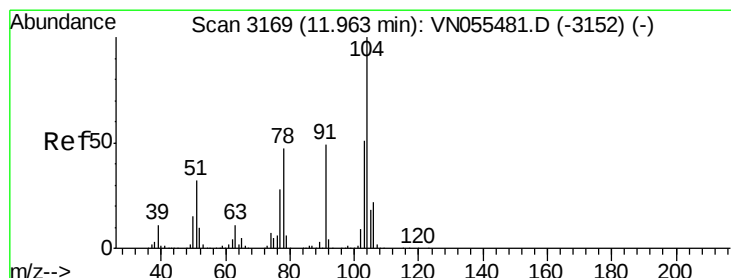
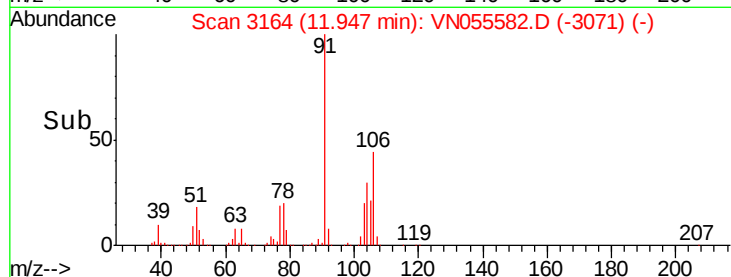
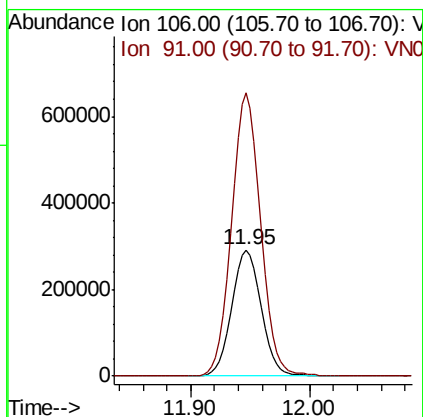
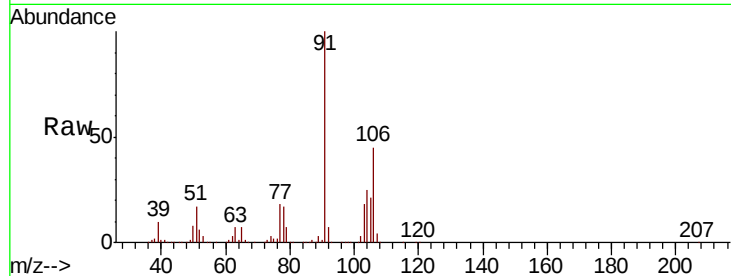




#69
o-Xylene
Concen: 32.243 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

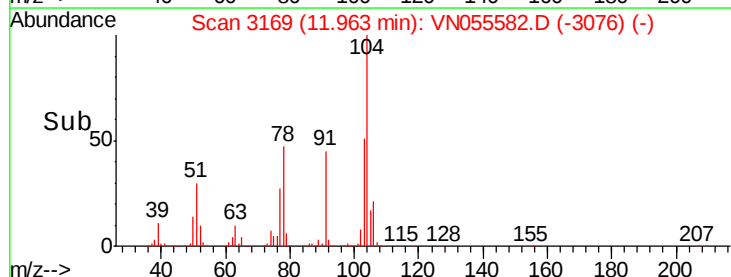
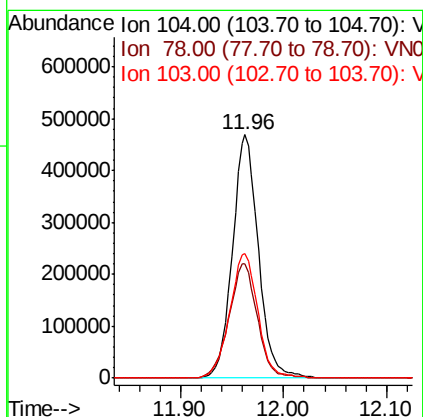
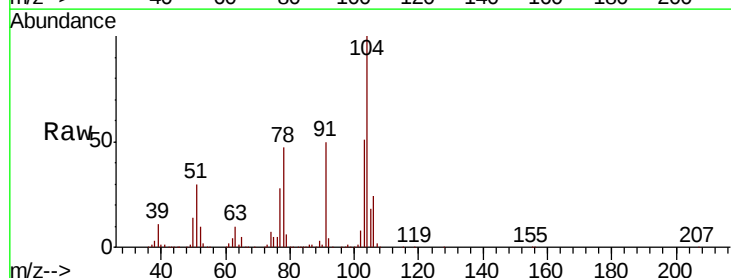
Instrument :
MSVOA_N
ClientSampled :
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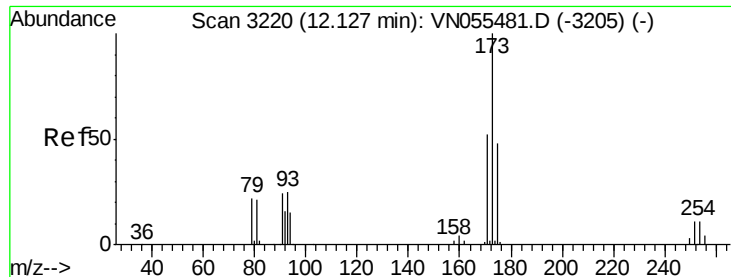
Tot Ion:106 Resp: 501473
Ion Ratio Lower Upper
106 100
91 220.0 111.3 333.8



#70
Styrene
Concen: 32.988 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion:104 Resp: 821986
Ion Ratio Lower Upper
104 100
78 51.5 41.6 62.4
103 55.8 44.4 66.6

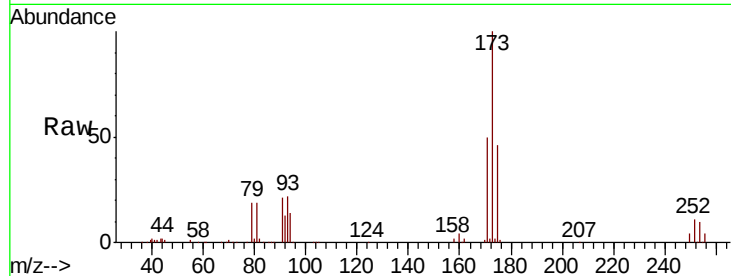




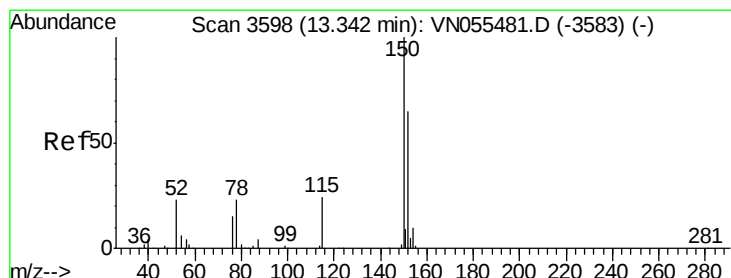
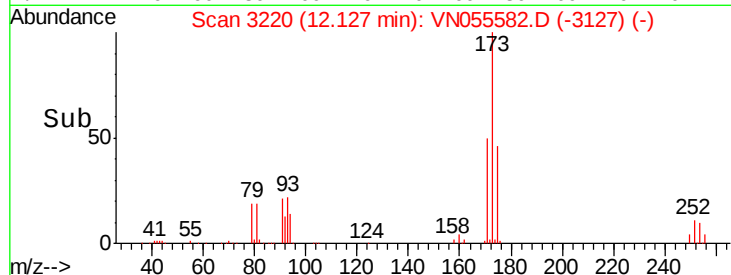
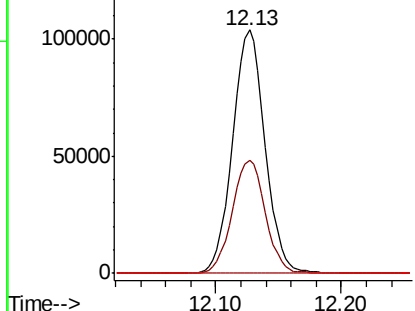
#71
Bromoform
Concen: 34.195 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Instrument :
MSVOA_N
ClientSampled :
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Tot Ion:173 Resp: 186503
Ion Ratio Lower Upper
173 100
175 47.3 24.1 72.4
254 0.1 0.1 0.1

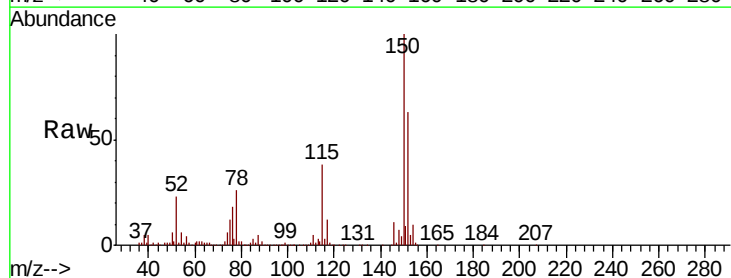


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

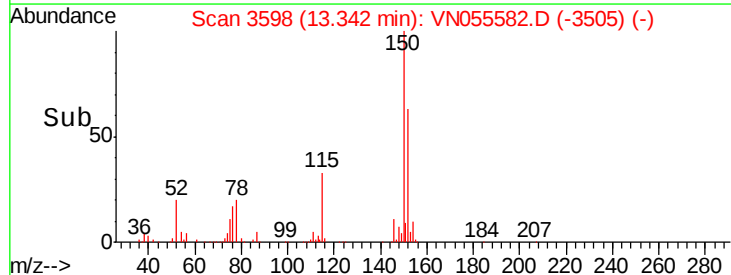
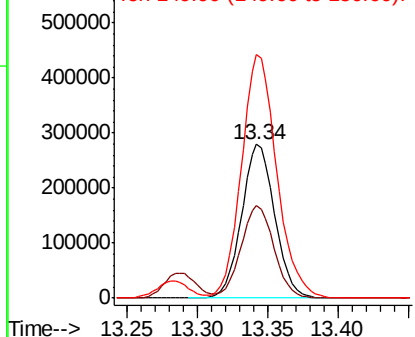


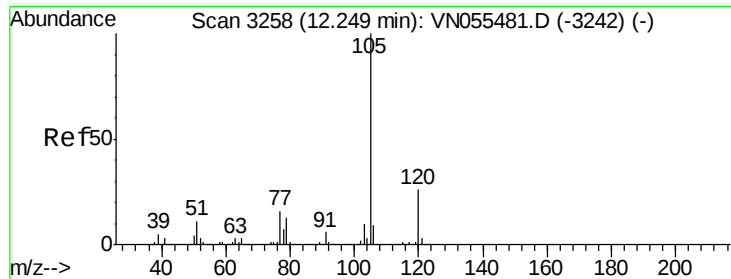
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion:152 Resp: 460543
Ion Ratio Lower Upper
152 100
115 59.5 30.1 90.5
150 168.0 0.0 355.0



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

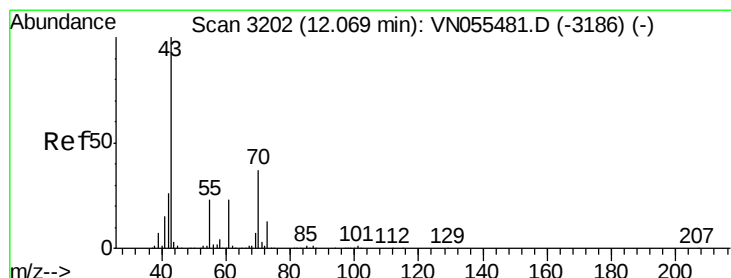
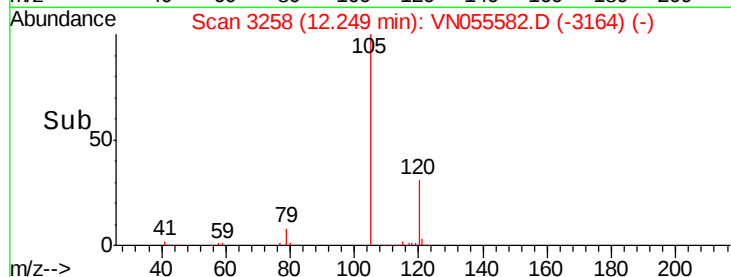
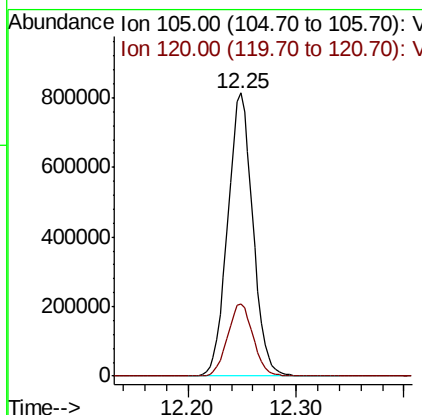
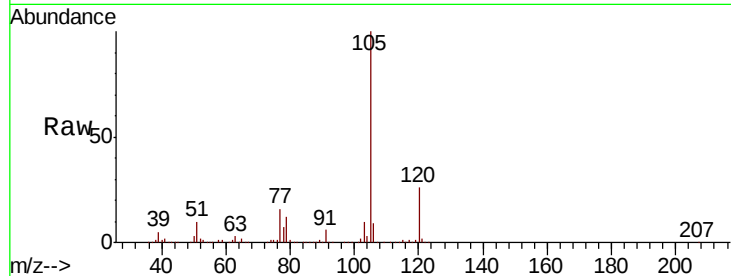




#73
Isopropylbenzene
Concen: 33.965 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

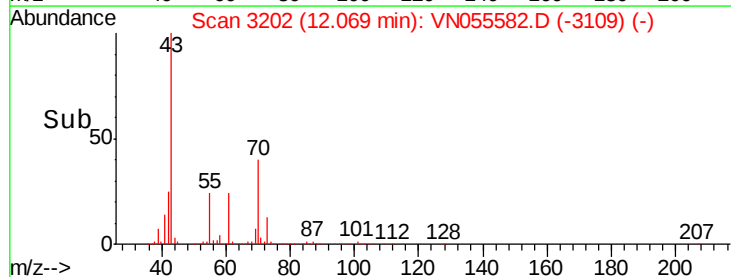
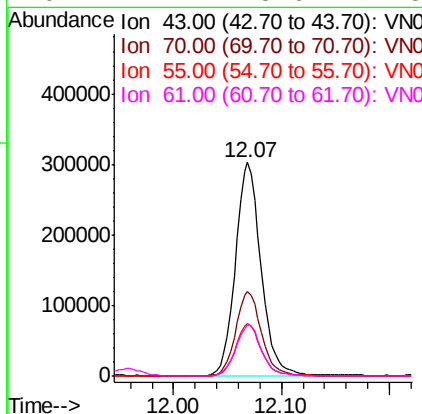
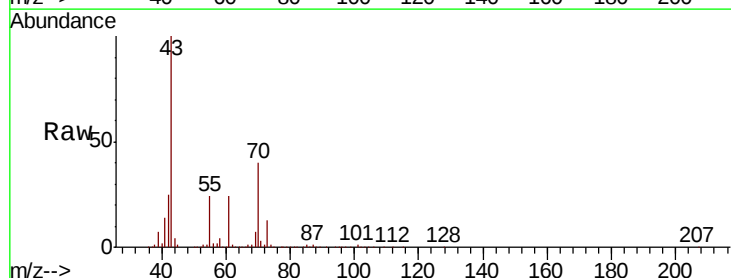
Instrument :
MSVOA_N
ClientSampled :
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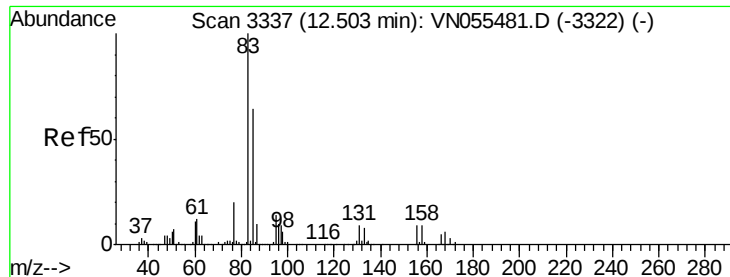
Tot Ion:105 Resp: 1320328
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 28.623 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion: 43 Resp: 500473
Ion Ratio Lower Upper
43 100
70 40.1 30.7 46.1
55 24.7 19.3 28.9
61 24.1 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 32.891 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampleId :

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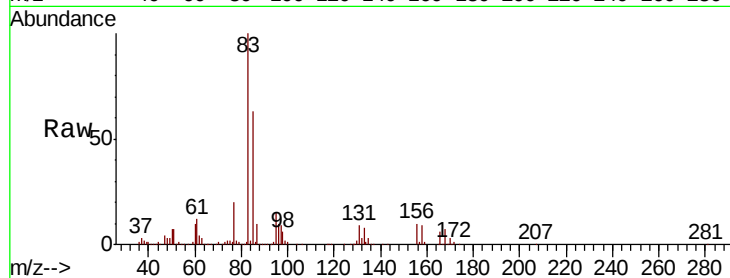
Tot Ion: 83 Resp: 416444

Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.5

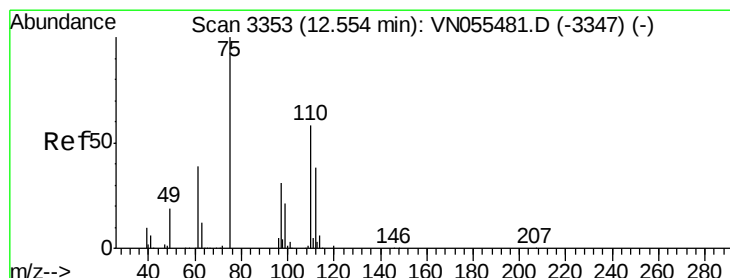
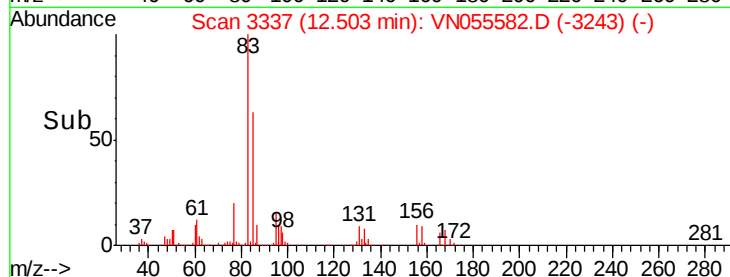
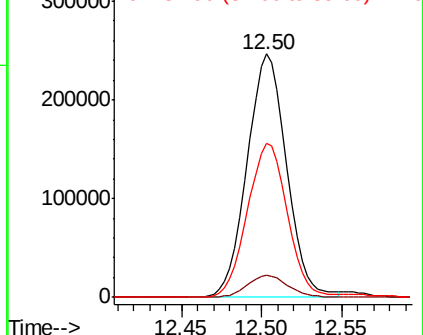
85 64.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 38.703 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055582.D

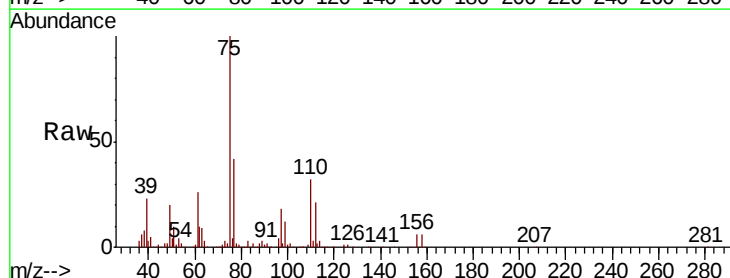
Acq: 13 May 2019 18:16

Tgt Ion: 75 Resp: 485247

Ion Ratio Lower Upper

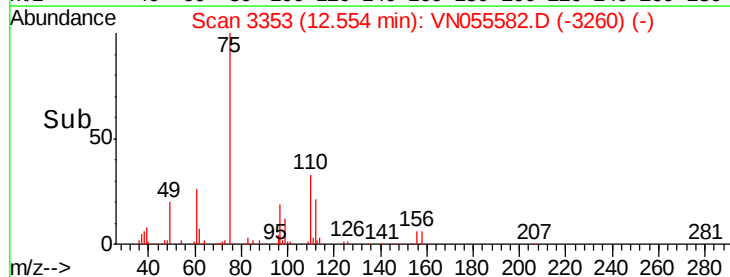
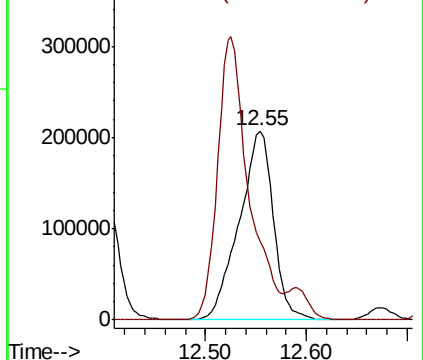
75 100

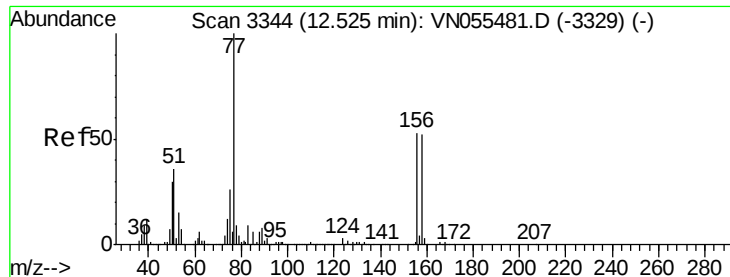
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 30.813 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

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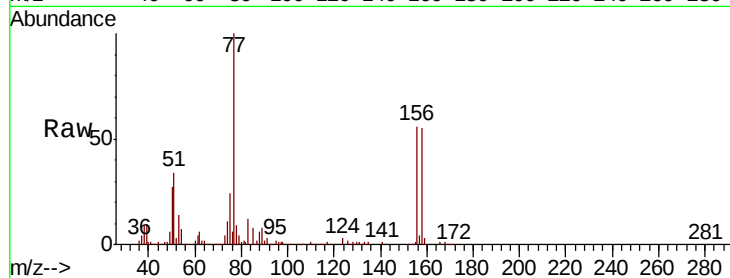
Tot Ion:156 Resp: 312732

Ion Ratio Lower Upper

156 100

77 214.4 115.4 346.2

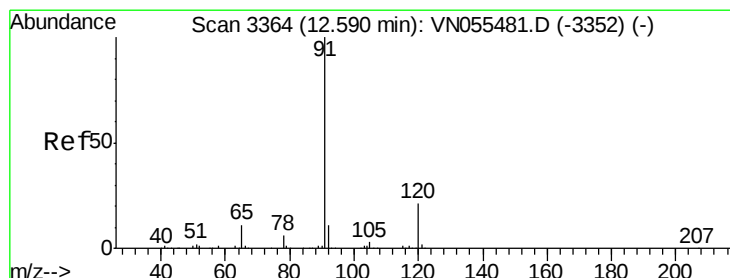
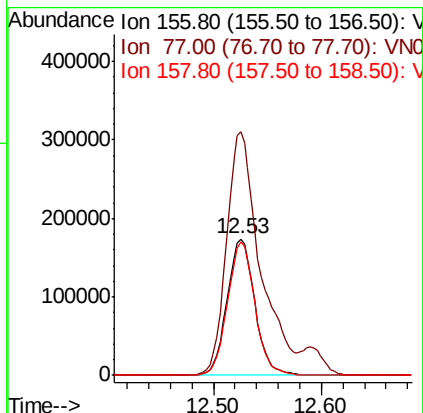
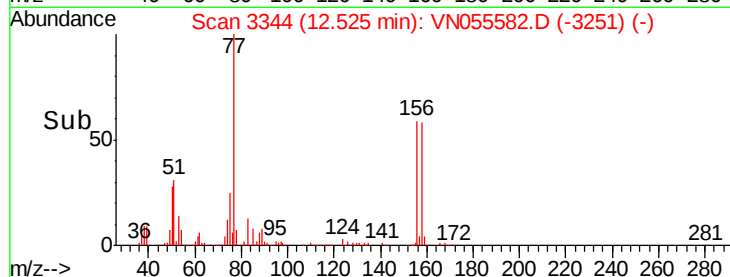
158 95.9 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 29.716 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055582.D

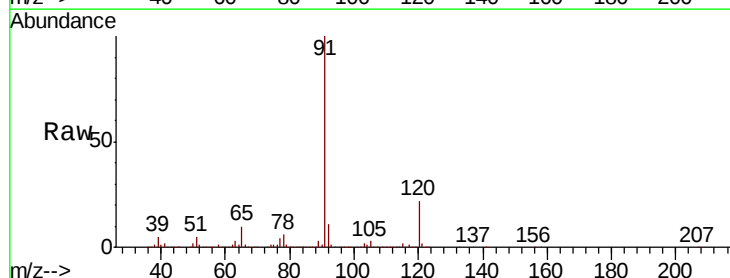
Acq: 13 May 2019 18:16

Tgt Ion: 91 Resp: 1467836

Ion Ratio Lower Upper

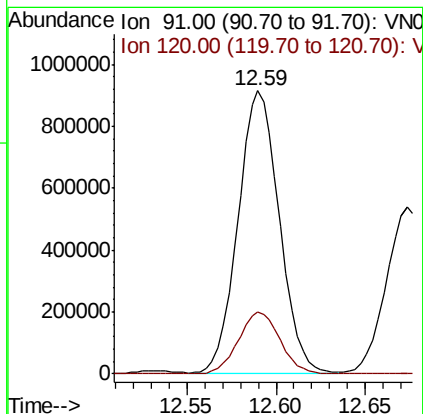
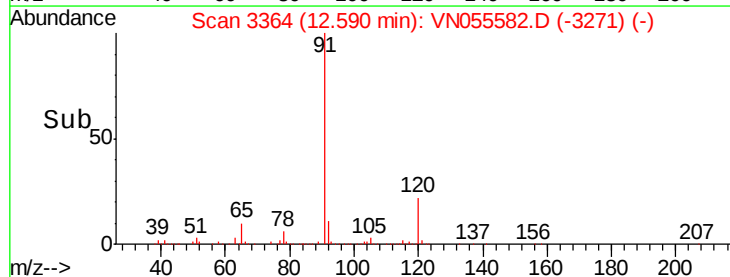
91 100

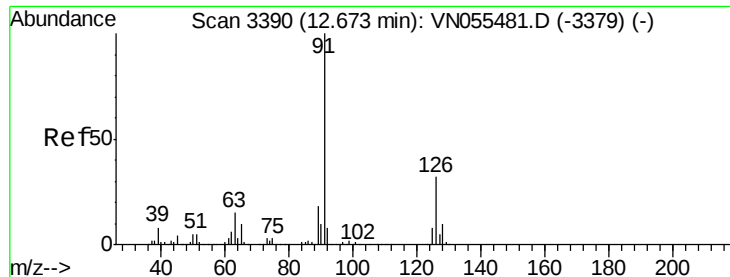
120 22.2 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 29.306 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

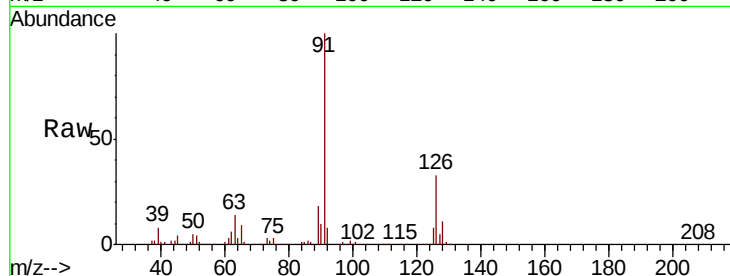
KR-02 4-14

Tot Ion: 91 Resp: 902169

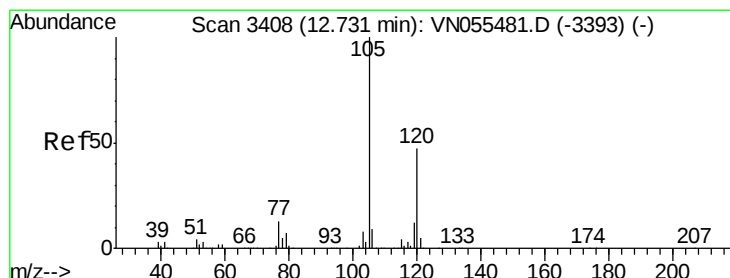
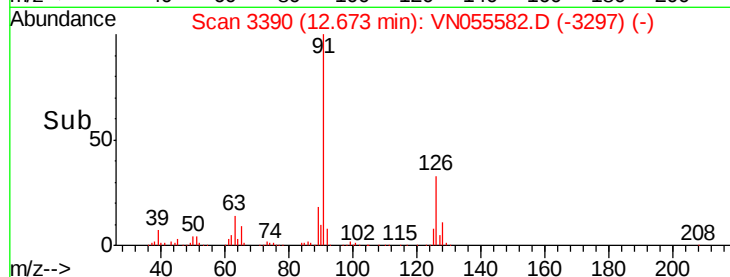
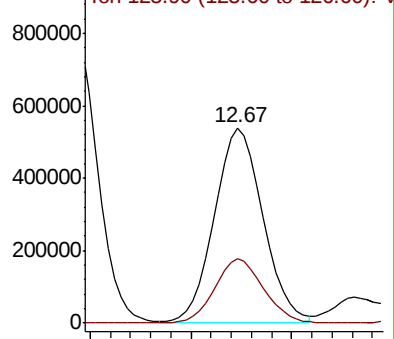
Ion Ratio Lower Upper

91 100

126 33.2 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VN055481.D (-3379) (-)



#80

1,3,5-Trimethylbenzene

Concen: 29.618 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055582.D

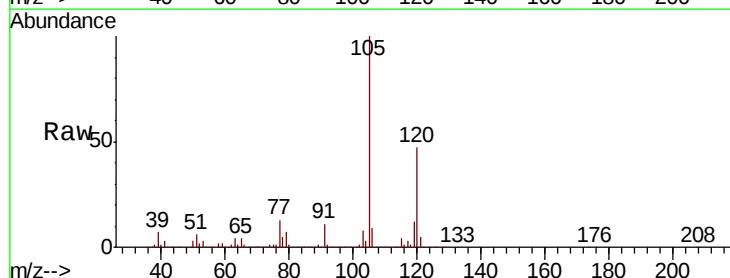
Acq: 13 May 2019 18:16

Tgt Ion:105 Resp: 1090884

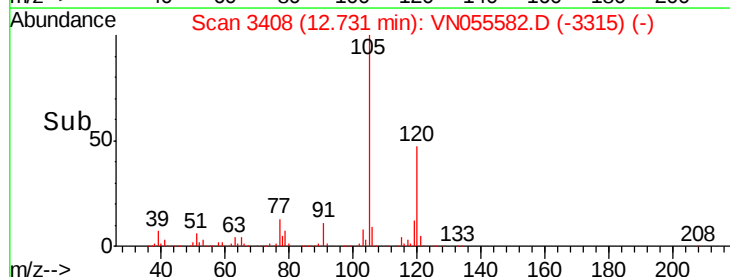
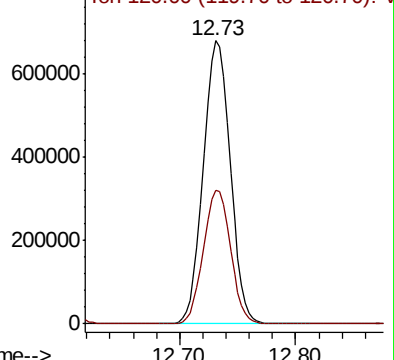
Ion Ratio Lower Upper

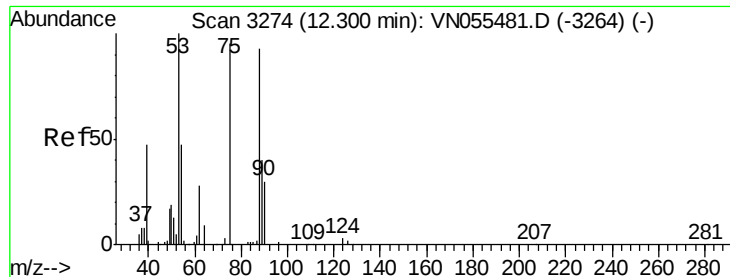
105 100

120 47.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055481.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 29.009 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampleId :

KR-02_4-14

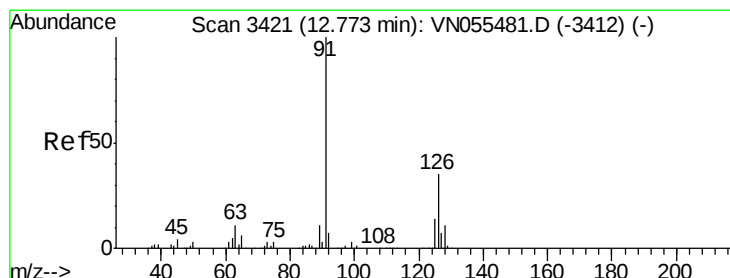
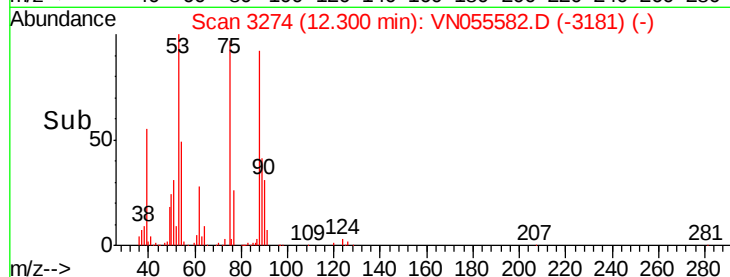
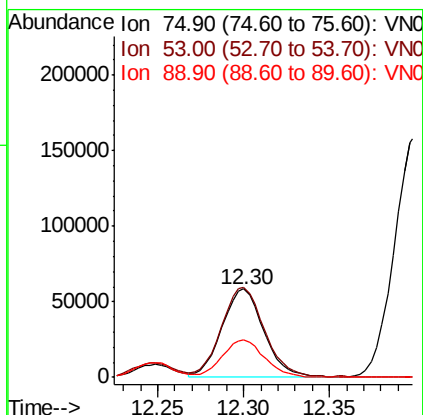
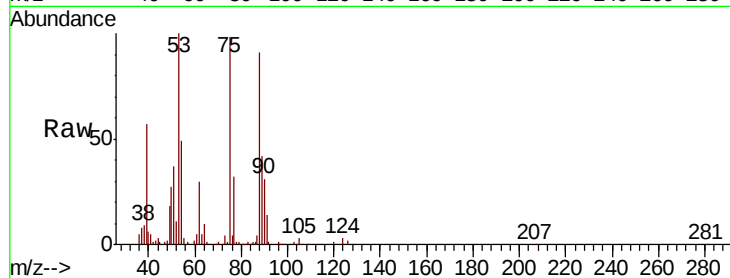
Tot Ion: 75 Resp: 98568

Ion Ratio Lower Upper

75 100

53 104.3 86.5 129.7

89 43.6 35.7 53.5



#82

4-Chlorotoluene

Concen: 29.770 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055582.D

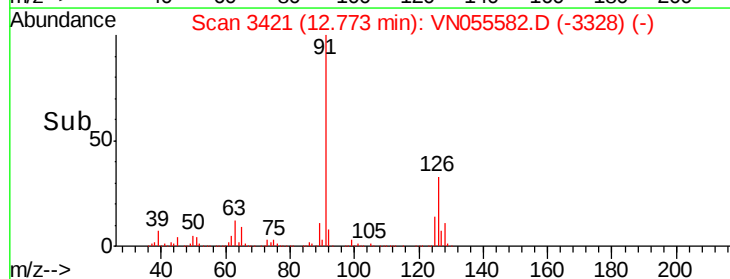
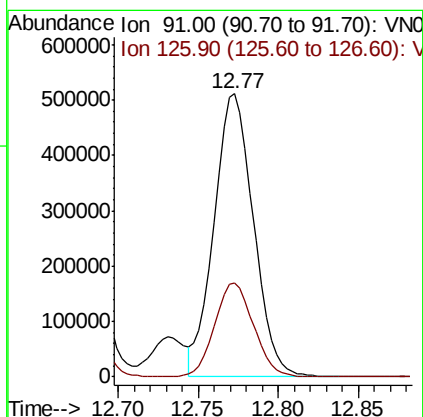
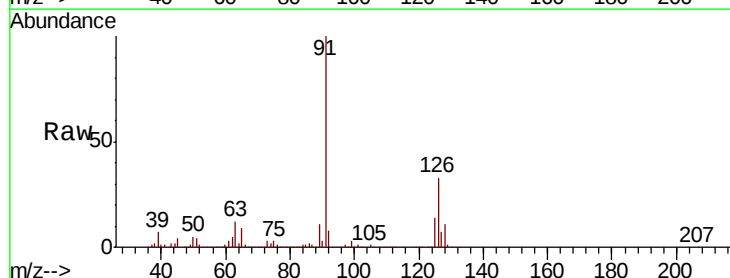
Acq: 13 May 2019 18:16

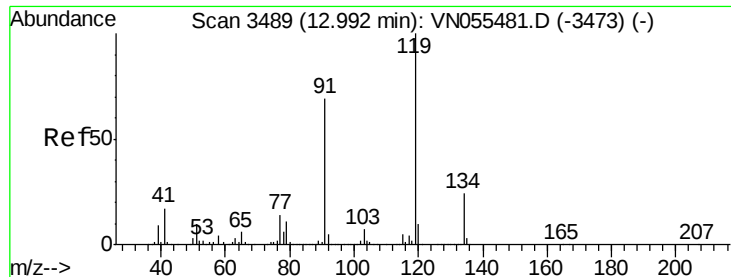
Tgt Ion: 91 Resp: 865962

Ion Ratio Lower Upper

91 100

126 33.0 15.7 47.0

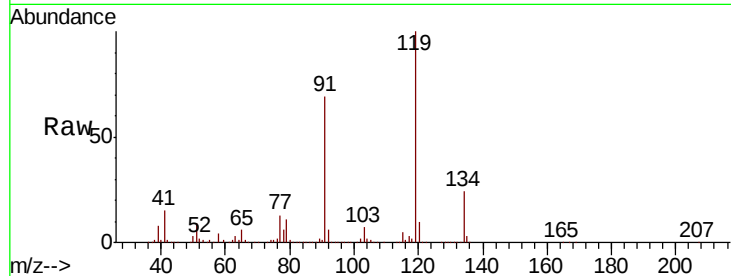




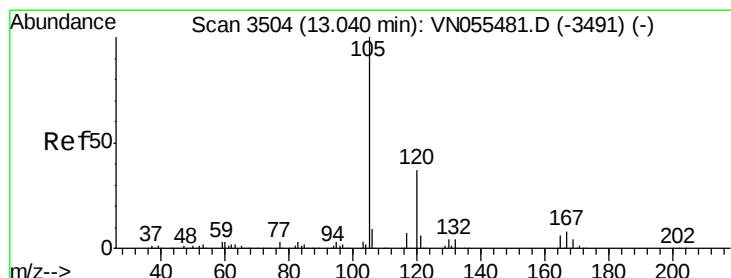
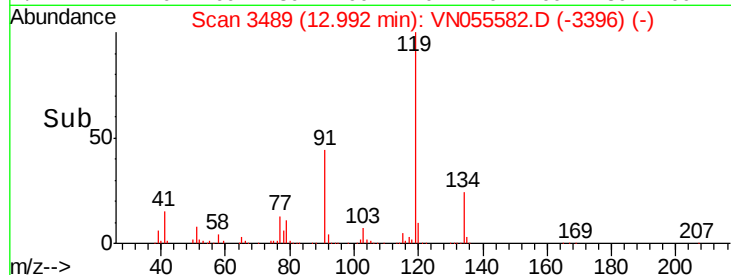
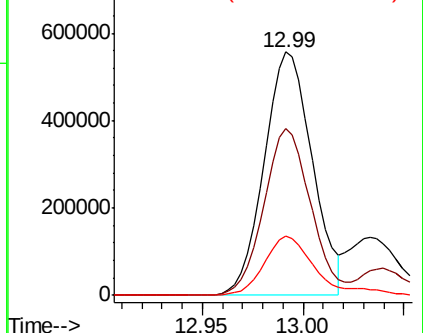
#83
tert-Butylbenzene
Concen: 29.251 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Instrument :
MSVOA_N
ClientSampled :
KR-02 4-14

Tot Ion:119 Resp: 923481
Ion Ratio Lower Upper
119 100
91 66.3 33.8 101.3
134 26.1 12.5 37.5

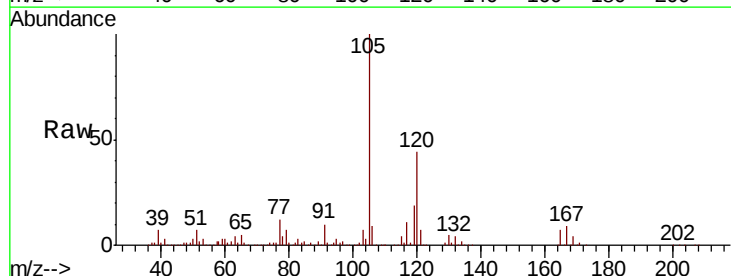


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VN
Ion 134.00 (133.70 to 134.70): V

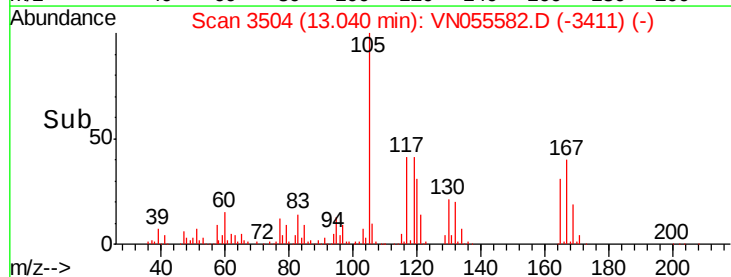
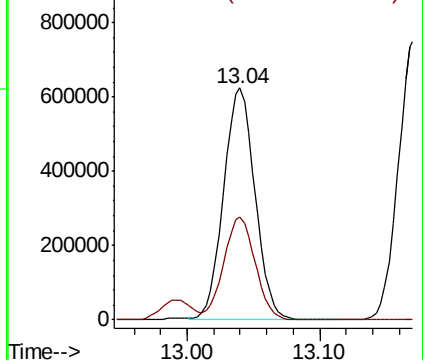


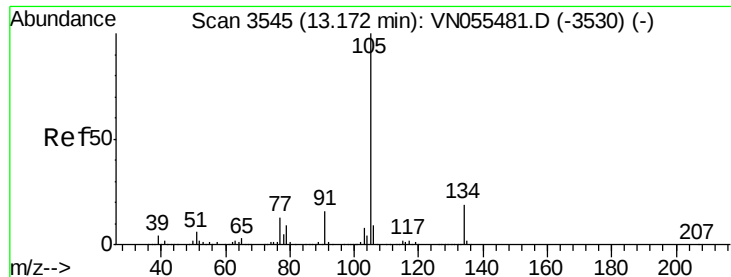
#84
1,2,4-Trimethylbenzene
Concen: 30.401 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion:105 Resp: 1026939
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.5



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





#85

sec-Butylbenzene

Concen: 29.139 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Instrument :

MSVOA_N

ClientSampled :

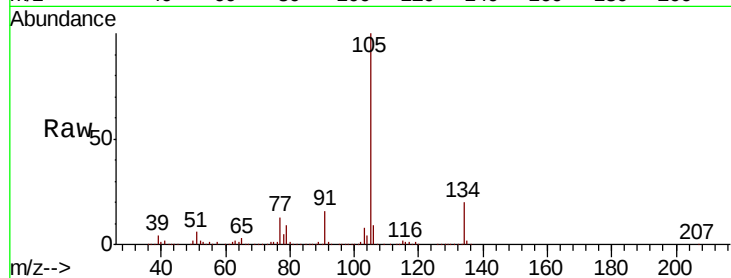
KR-02 4-14

Tot Ion:105 Resp: 1222606

Ion Ratio Lower Upper

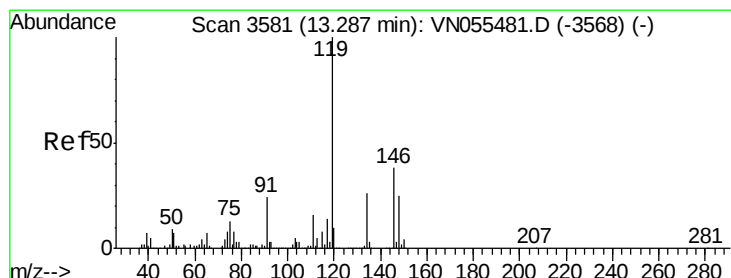
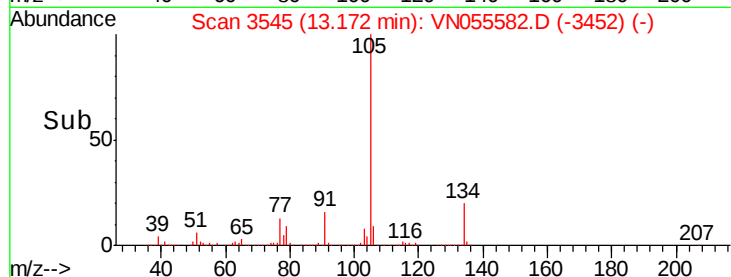
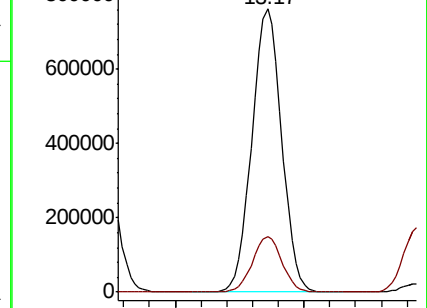
105 100

134 19.6 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 29.935 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

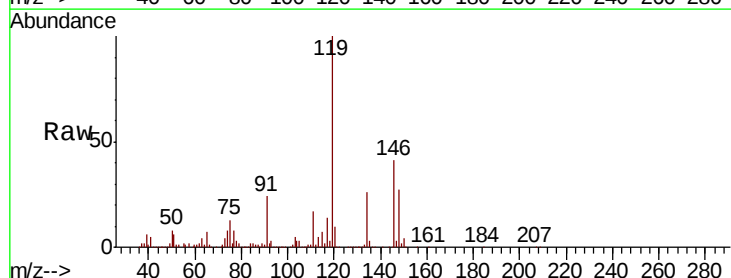
Tgt Ion:119 Resp: 1022197

Ion Ratio Lower Upper

119 100

134 26.5 12.8 38.4

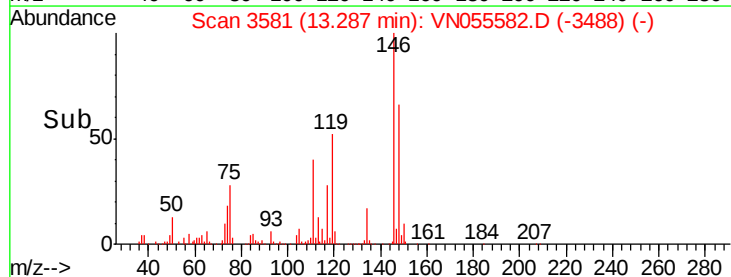
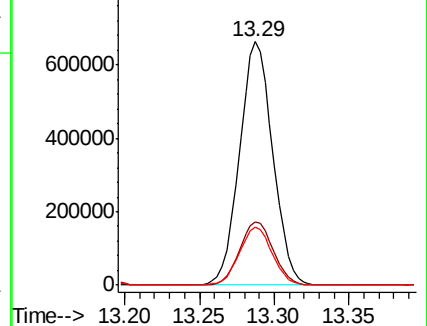
91 23.5 12.0 36.0

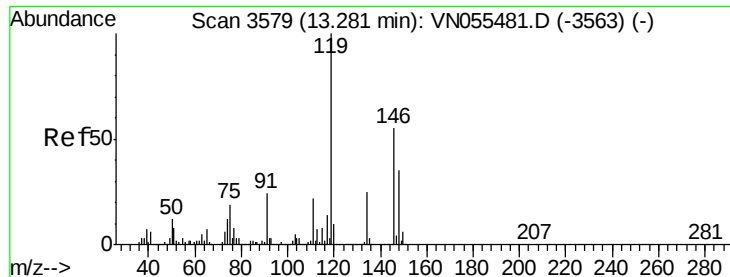


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 32.213 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

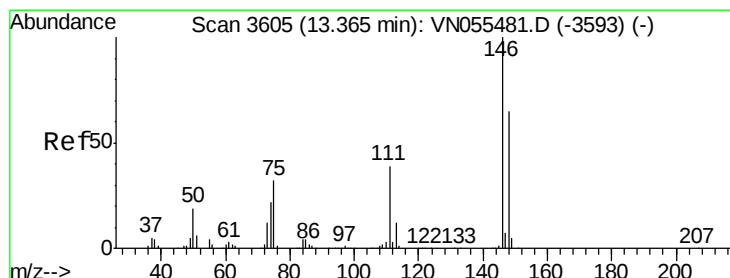
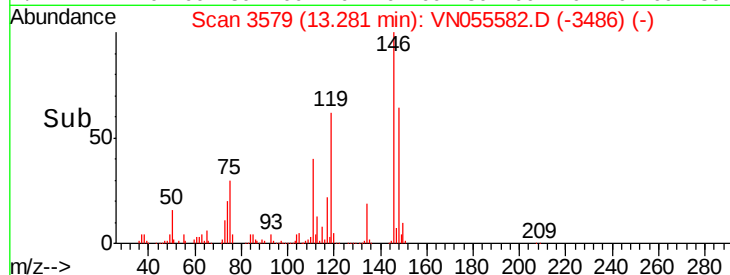
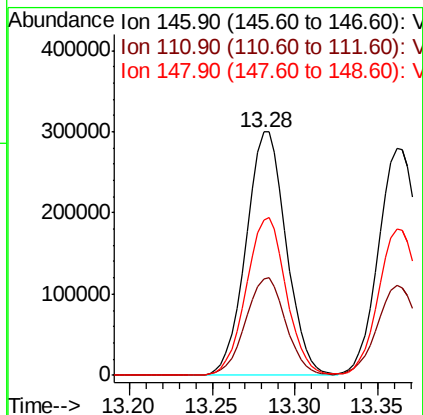
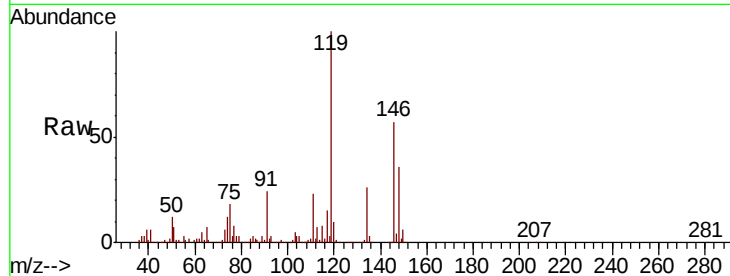
Instrument :

MSVOA_N

ClientSampleId :

KR-02_4-14

Tot Ion:	146	Resp:	505207
Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.4	61.3
148	64.3	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 31.405 ug/l

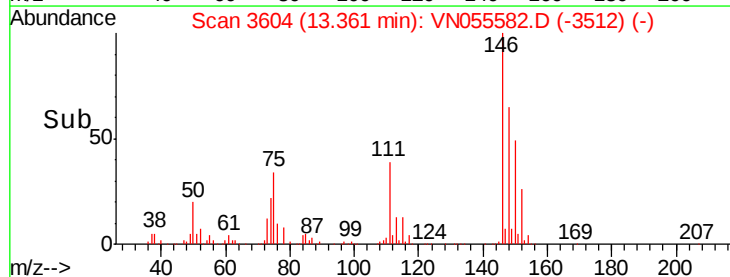
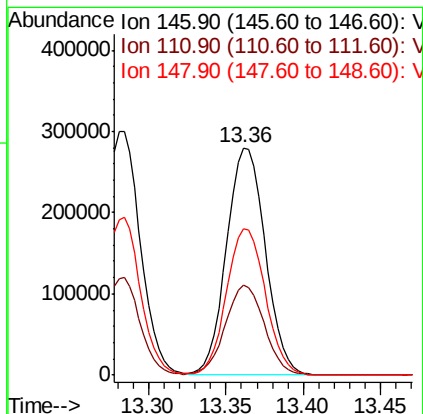
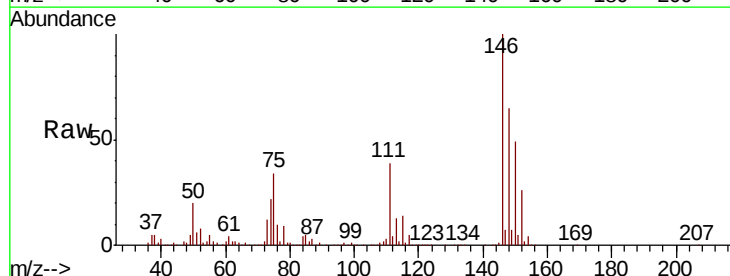
RT: 13.36 min Scan# 3604

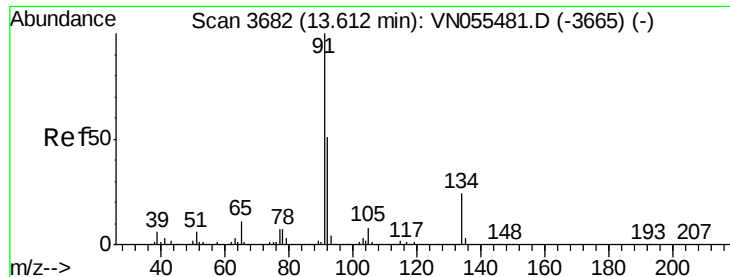
Delta R.T. -0.00 min

Lab File: VN055582.D

Acq: 13 May 2019 18:16

Tgt Ion:	146	Resp:	486076
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.8
148	64.4	32.5	97.4

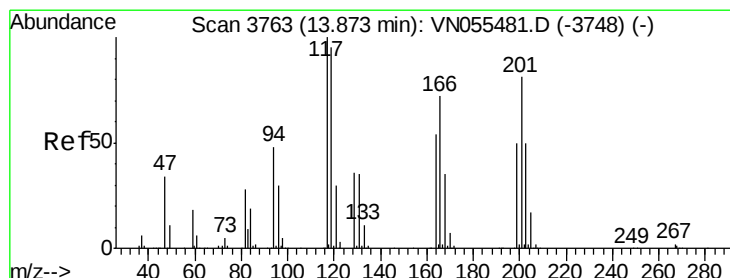
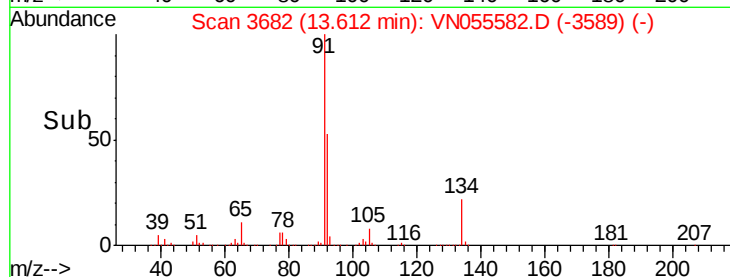
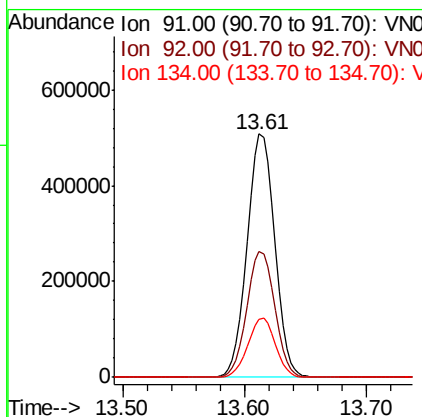
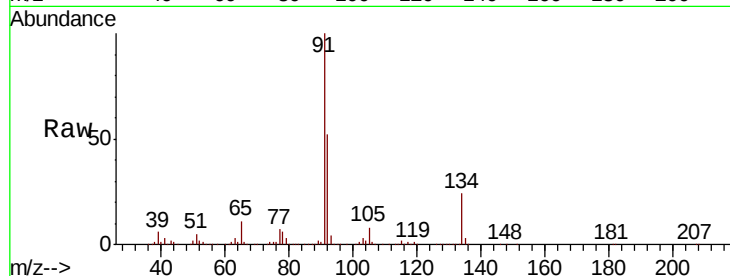




#89
n-Butylbenzene
Concen: 29.746 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

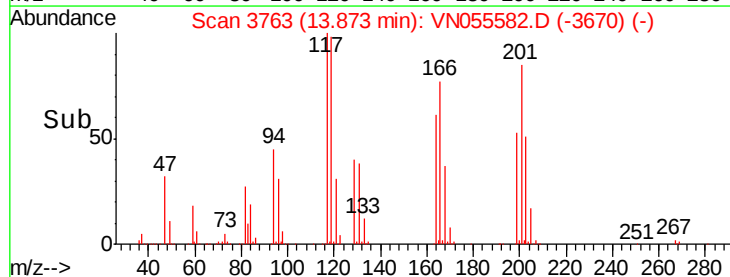
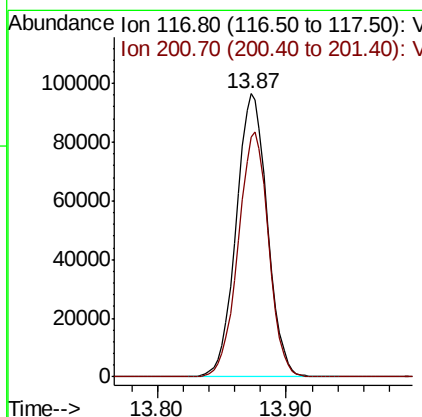
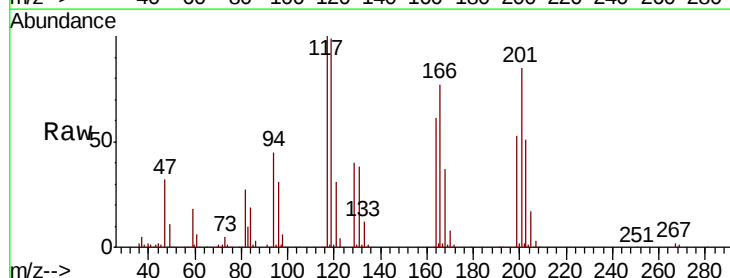
Instrument :
MSVOA_N
ClientSampleId :
KR-02_4-14

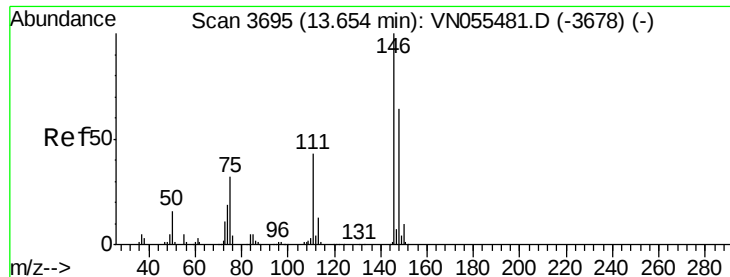
Tot Ion: 91 Resp: 787309
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.7
134 24.0 11.8 35.4



#90
Hexachloroethane
Concen: 29.013 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion: 117 Resp: 161609
Ion Ratio Lower Upper
117 100
201 84.4 40.1 120.2

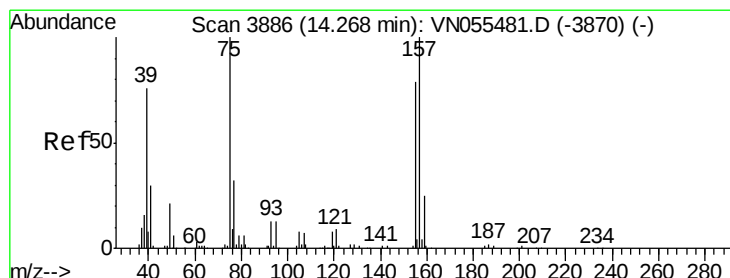
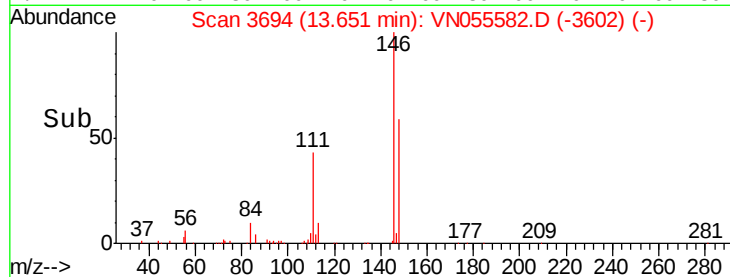
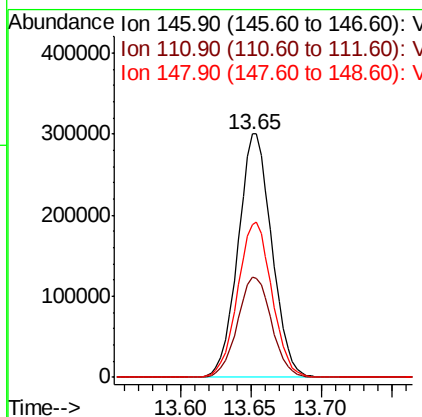
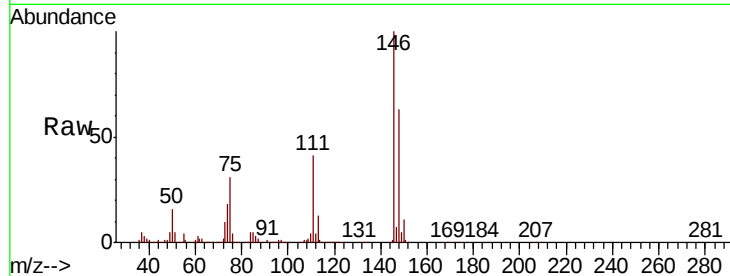




#91
 1,2-Dichlorobenzene
 Concen: 32.114 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN055582.D
 Acq: 13 May 2019 18:16

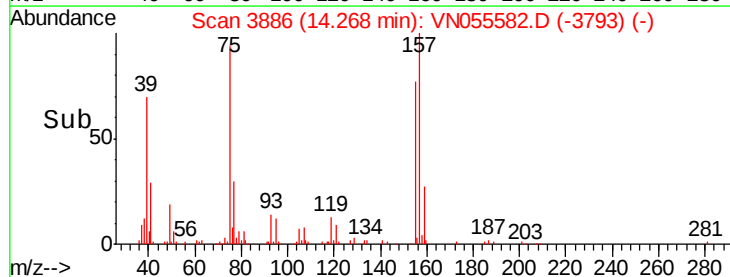
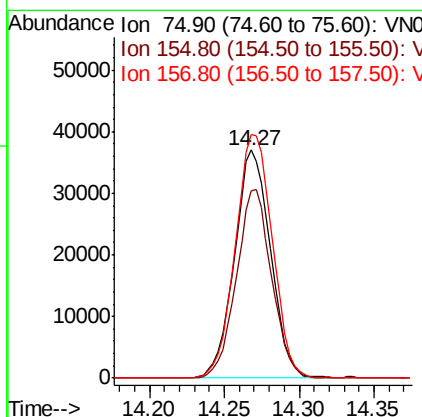
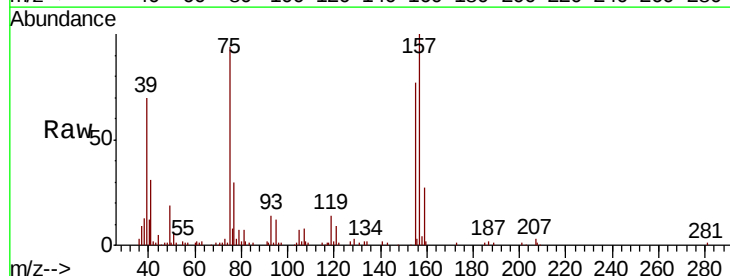
Instrument :
 MSVOA_N
 ClientSampleId :
 KR-02_4-14

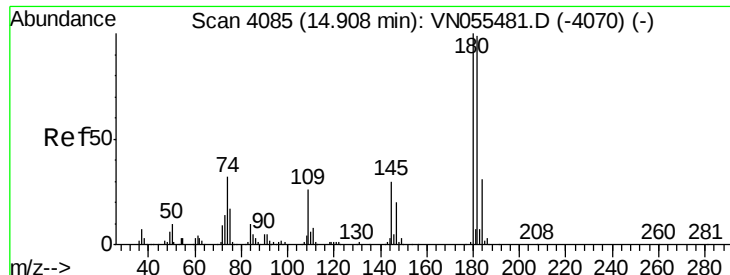
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.3	63.7
148	64.7	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 29.284 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055582.D
 Acq: 13 May 2019 18:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.6	39.3	117.8
157	109.5	50.6	151.8

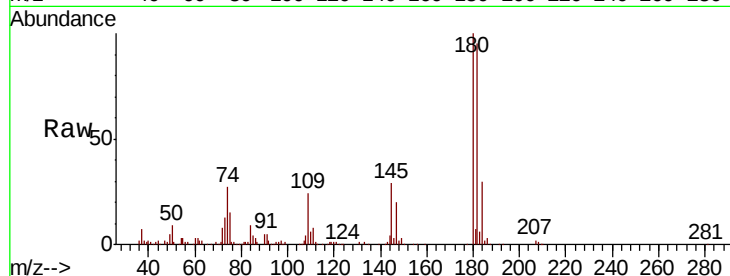




#93
 1,2,4-Trichlorobenzene
 Concen: 29.832 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055582.D
 Acq: 13 May 2019 18:16

Instrument :
 MSVOA_N
 ClientSampled :
 KR-02 4-14

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.7	146.1
145	29.6	15.3	45.9

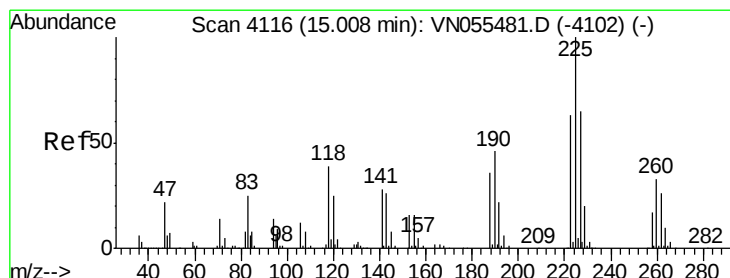
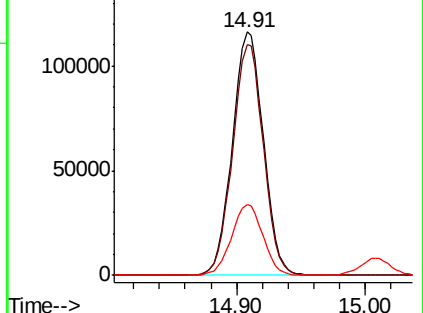
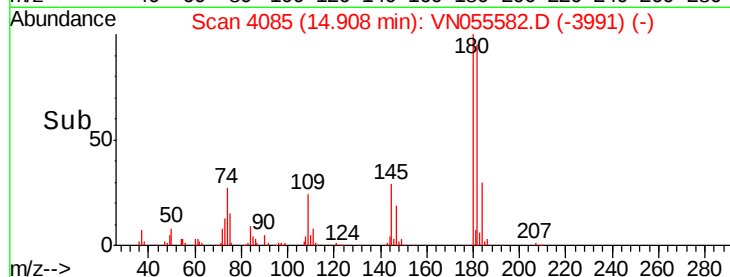


Abundance

Ion 179.80 (179.50 to 180.50): V

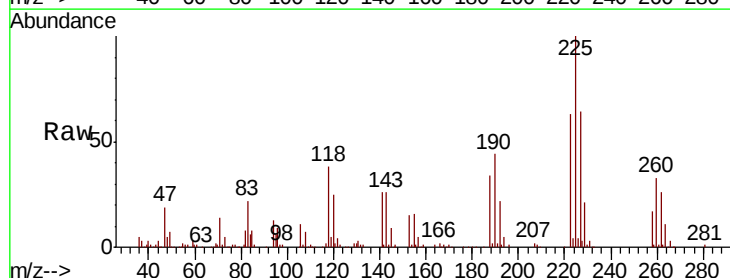
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 33.035 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055582.D
 Acq: 13 May 2019 18:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.4	94.3
227	64.5	32.0	96.0

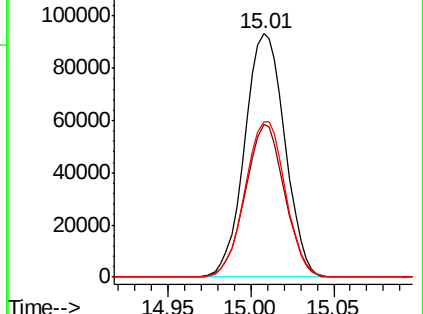
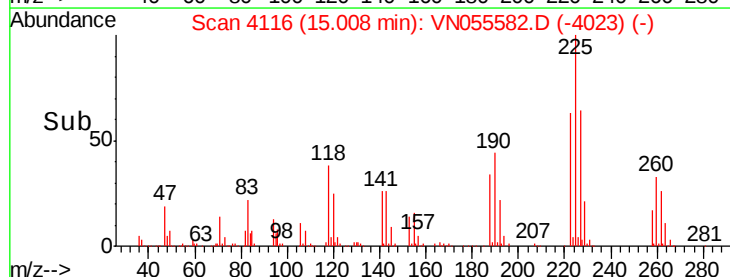


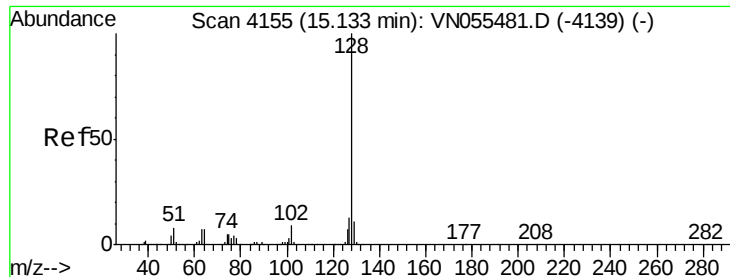
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

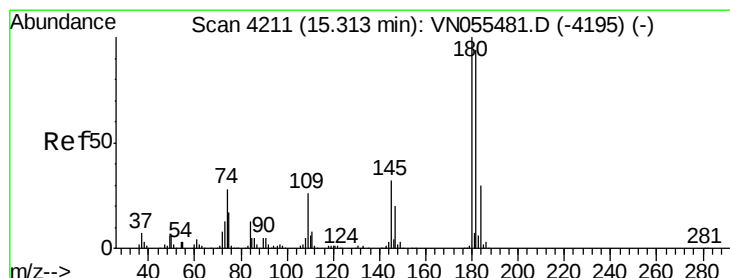
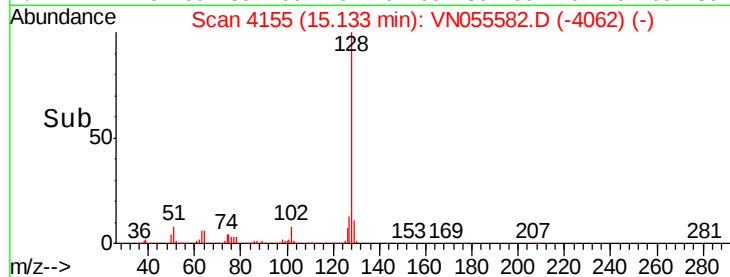
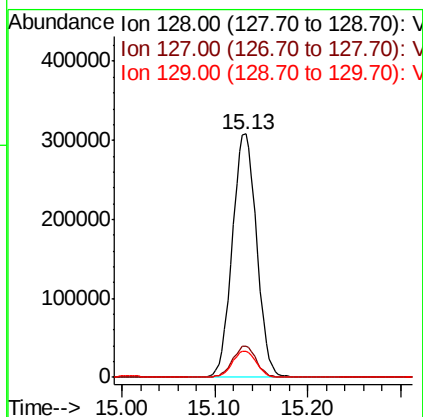
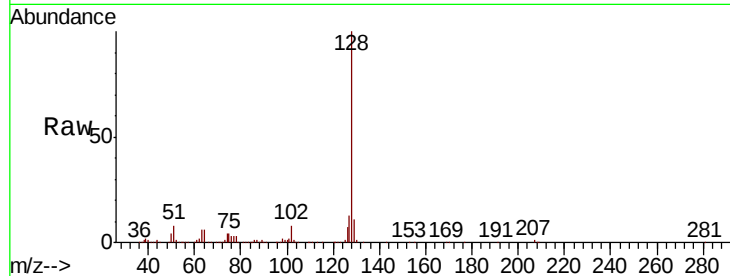




#95
Naphthalene
Concen: 30.376 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Instrument :
MSVOA_N
ClientSampled :
KR-02_4-14

Tot Ion:128 Resp: 559757
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 30.240 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN055582.D
Acq: 13 May 2019 18:16

Tgt Ion:180 Resp: 216050
Ion Ratio Lower Upper
180 100
182 94.7 47.1 141.3
145 32.0 15.8 47.4

