

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061539.D
 Acq On : 28 May 2020 18:09
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: May 29 01:45:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	386176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	653780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	605850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	271941	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	23604	4.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.46%	
35) Dibromofluoromethane	7.55	113	18593	5.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.80%	
50) Toluene-d8	10.06	98	69564	4.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.74%	
62) 4-Bromofluorobenzene	12.38	95	26401	4.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.98%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	17287	5.101	ug/l	98
3) Chloromethane	2.03	50	24157	4.649	ug/l	98
4) Vinyl Chloride	2.16	62	33139	4.520	ug/l	95
5) Bromomethane	2.53	94	19724	4.847	ug/l	98
6) Chloroethane	2.67	64	22625	4.609	ug/l	97
7) Trichlorofluoromethane	2.98	101	46508	5.171	ug/l	96
8) Diethyl Ether	3.37	74	14859	5.662	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	20694	5.525	ug/l	98
10) Methyl Iodide	3.91	142	26577	5.615	ug/l	97
11) Tert butyl alcohol	4.73	59	17230	26.667	ug/l	98
12) 1,1-Dichloroethene	3.69	96	22215	5.625	ug/l	94
13) Acrolein	3.56	56	12282	26.681	ug/l	97
14) Allyl chloride	4.28	41	29822	4.835	ug/l	98
15) Acrylonitrile	4.93	53	45573	23.770	ug/l	98
16) Acetone	3.78	43	44942	26.262	ug/l	97
17) Carbon Disulfide	4.01	76	47723	4.923	ug/l	98
18) Methyl Acetate	4.28	43	21773	4.940	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	75435	5.133	ug/l	98
20) Methylene Chloride	4.50	84	31342	6.710	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	24639	5.472	ug/l	97
22) Diisopropyl ether	5.90	45	63124	4.540	ug/l	95
23) Vinyl Acetate	5.84	43	252630	22.853	ug/l	99
24) 1,1-Dichloroethane	5.80	63	40807	4.986	ug/l	98
25) 2-Butanone	6.78	43	62233	24.510	ug/l	97
26) 2,2-Dichloropropane	6.78	77	39050	5.034	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	28614	5.387	ug/l	97
28) Bromochloromethane	7.15	49	17533	5.180	ug/l	98
29) Tetrahydrofuran	7.17	42	39075	23.238	ug/l	99
30) Chloroform	7.33	83	43858	5.103	ug/l	97
31) Cyclohexane	7.61	56	39770	5.112	ug/l #	83
32) 1,1,1-Trichloroethane	7.53	97	40206	5.113	ug/l	98
36) 1,1-Dichloropropene	7.75	75	30908	5.131	ug/l	99
37) Ethyl Acetate	6.88	43	25828	4.738	ug/l #	93
38) Carbon Tetrachloride	7.73	117	29275	5.253	ug/l	95

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 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

Quant Time: May 29 01:45:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 01:43:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	36803	4.991	ug/l	95
40) Benzene	8.00	78	96813	5.324	ug/l	100
41) Methacrylonitrile	7.12	41	11025	4.919	ug/l #	93
42) 1,2-Dichloroethane	8.09	62	32648	5.036	ug/l	89
43) Isopropyl Acetate	8.13	43	46108	4.887	ug/l #	91
44) Trichloroethene	8.80	130	28229	5.739	ug/l	95
45) 1,2-Dichloropropane	9.08	63	24028	5.318	ug/l	100
46) Dibromomethane	9.18	93	16772	5.220	ug/l	98
47) Bromodichloromethane	9.37	83	35587	5.313	ug/l	99
48) Methyl methacrylate	9.17	41	19741	4.557	ug/l	95
49) 1,4-Dioxane	9.17	88	6156	113.479	ug/l #	94
51) 4-Methyl-2-Pentanone	9.95	43	129053	25.068	ug/l	98
52) Toluene	10.12	92	61338	5.236	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	36269	4.963	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	40786	5.222	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	25602	5.759	ug/l	98
56) Ethyl methacrylate	10.40	69	33400	4.865	ug/l	94
57) 1,3-Dichloropropane	10.68	76	39894	5.244	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	76120	25.279	ug/l	98
59) 2-Hexanone	10.72	43	91127	24.480	ug/l	98
60) Dibromochloromethane	10.87	129	27270	5.502	ug/l	99
61) 1,2-Dibromoethane	10.98	107	25967	5.541	ug/l	99
64) Tetrachloroethene	10.60	164	29171	6.034	ug/l	97
65) Chlorobenzene	11.41	112	68126	5.530	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.49	131	24885	5.599	ug/l	97
67) Ethyl Benzene	11.48	91	119138	5.363	ug/l	97
68) m/p-Xylenes	11.60	106	93762	11.043	ug/l	96
69) o-Xylene	11.92	106	43768	5.326	ug/l	96
70) Styrene	11.94	104	68825	5.067	ug/l	97
71) Bromoform	12.10	173	18746	5.898	ug/l #	99
73) Isopropylbenzene	12.22	105	115448	5.402	ug/l	100
74) N-amyl acetate	12.05	43	36146	4.697	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	32755	5.567	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	43295	7.648	ug/l #	100
77) Bromobenzene	12.50	156	27772	5.830	ug/l	91
78) n-propylbenzene	12.57	91	125750	5.195	ug/l	100
79) 2-Chlorotoluene	12.65	91	74928	5.218	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	94720	5.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	10511	4.886	ug/l	88
82) 4-Chlorotoluene	12.75	91	77961	5.245	ug/l	98
83) tert-Butylbenzene	12.97	119	82967	5.515	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	94194	5.376	ug/l	99
85) sec-Butylbenzene	13.15	105	108669	5.378	ug/l	97
86) p-Isopropyltoluene	13.27	119	98885	5.478	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	50133	5.797	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	49490	5.716	ug/l	92
89) n-Butylbenzene	13.59	91	80777	4.991	ug/l	97
90) Hexachloroethane	13.85	117	11386	4.838	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	48263	5.817	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	6516	5.481	ug/l	88

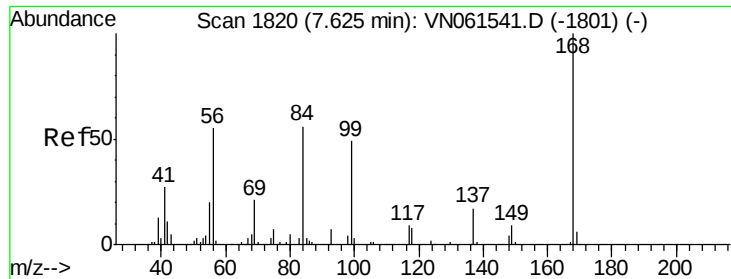
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
Data File : VN061539.D
Acq On : 28 May 2020 18:09
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: May 29 01:45:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 01:43:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	24281	5.347	ug/l	98
94) Hexachlorobutadiene	14.99	225	12000	6.006	ug/l	98
95) Naphthalene	15.10	128	75240	5.229	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	24173	5.330	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

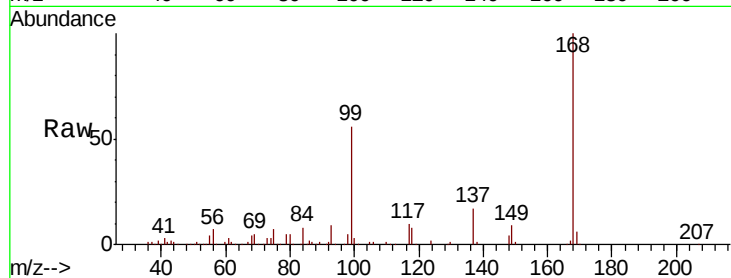
VSTDIC005

Tot Ion:168 Resp: 386176

Ion Ratio Lower Upper

168 100

99 55.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

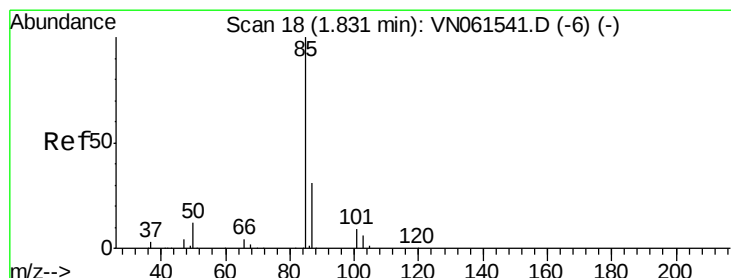
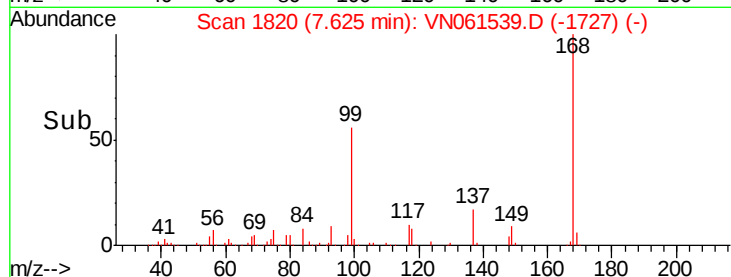
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50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 5.101 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061539.D

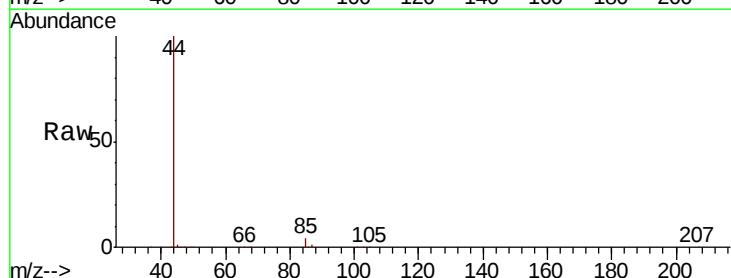
Acq: 28 May 2020 18:09

Tgt Ion: 85 Resp: 17287

Ion Ratio Lower Upper

85 100

87 32.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

15000

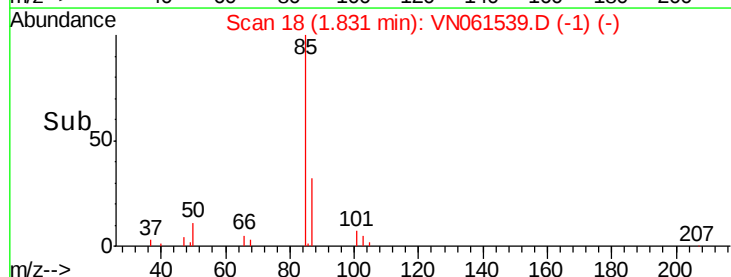
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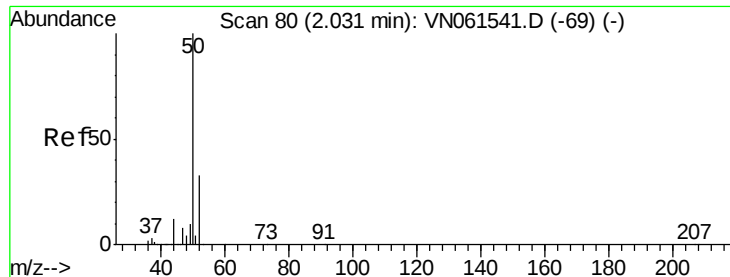
5000

0

1.80 1.85

Time-->





#3

Chloromethane

Concen: 4.649 ug/l

RT: 2.03 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

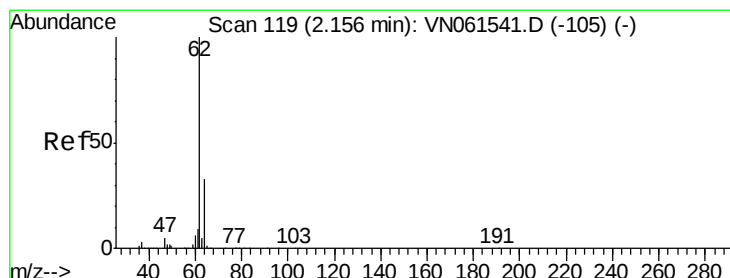
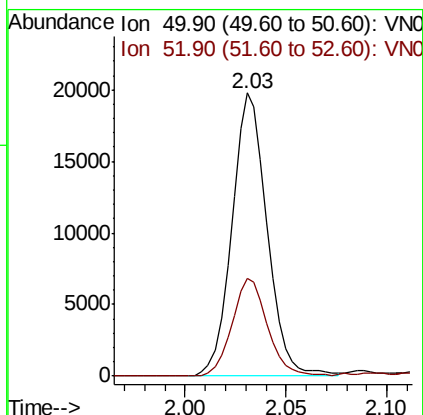
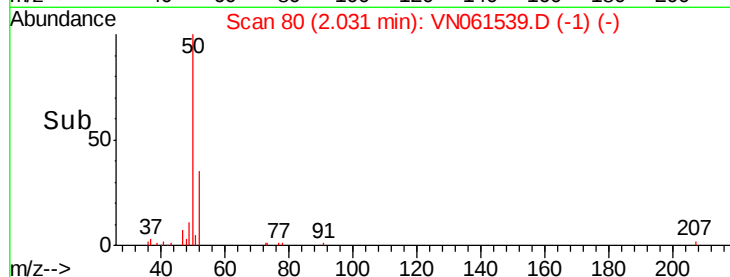
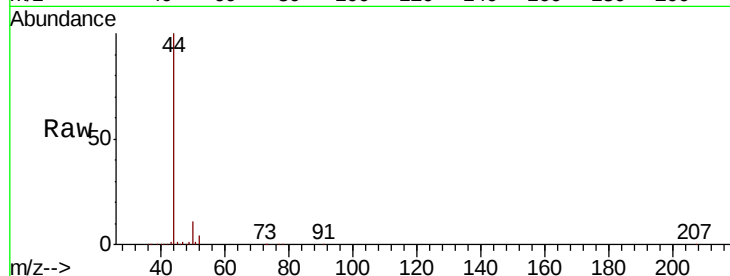
VSTDIC005

Tot Ion: 50 Resp: 24157

Ion Ratio Lower Upper

50 100

52 34.6 26.7 40.1



#4

Vinyl Chloride

Concen: 4.520 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061539.D

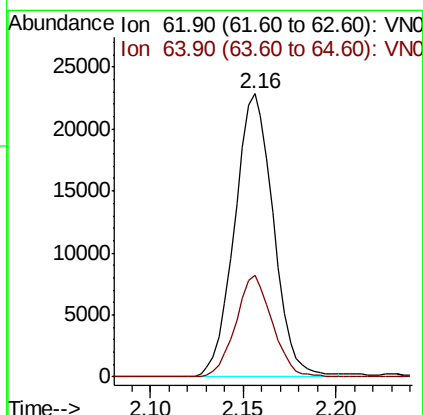
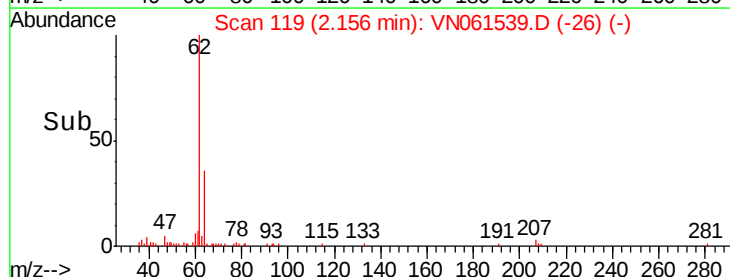
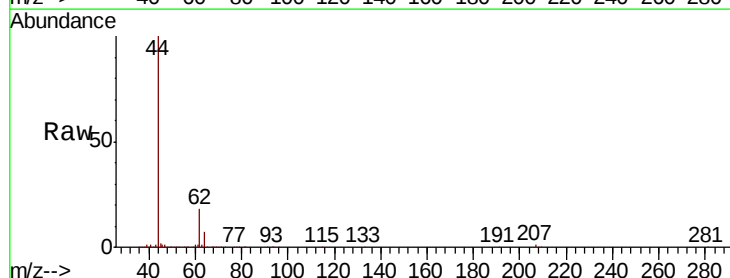
Acq: 28 May 2020 18:09

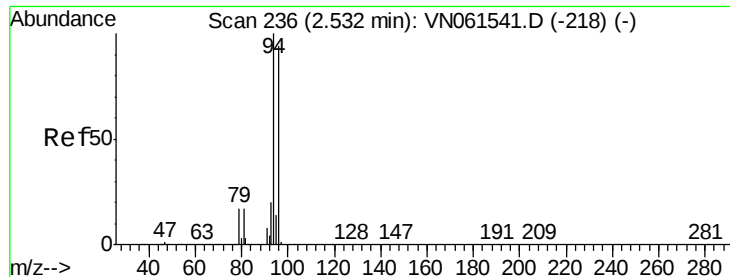
Tgt Ion: 62 Resp: 33139

Ion Ratio Lower Upper

62 100

64 35.7 26.2 39.2





#5

Bromomethane

Concen: 4.847 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

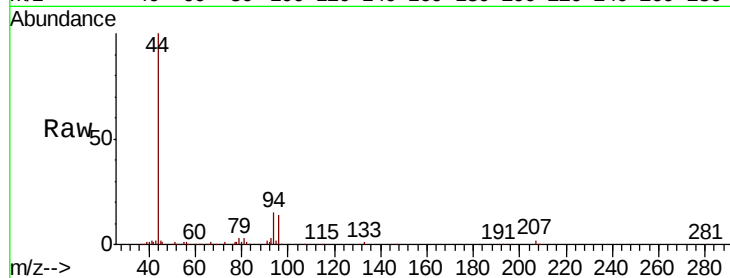
VSTDIC005

Tot Ion: 94 Resp: 19724

Ion Ratio Lower Upper

94 100

96 91.3 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN061539.D (-143) (-)

Ion 95.90 (95.60 to 96.60): VN061539.D (-143) (-)

2.53

12000

10000

8000

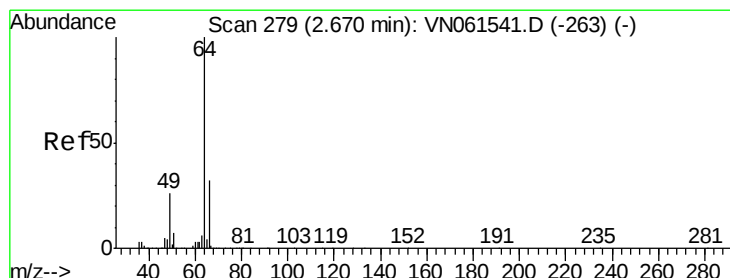
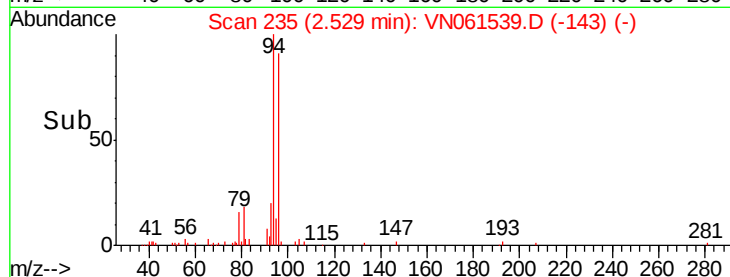
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 4.609 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061539.D

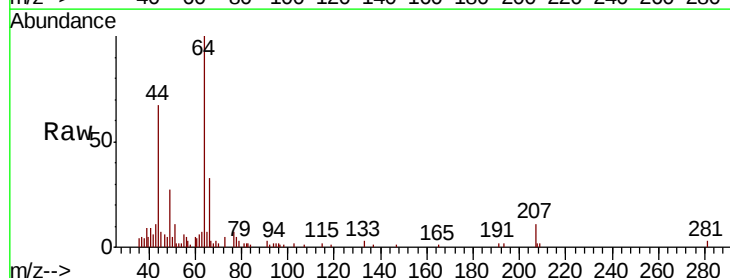
Acq: 28 May 2020 18:09

Tgt Ion: 64 Resp: 22625

Ion Ratio Lower Upper

64 100

66 30.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN061539.D (-186) (-)

Ion 65.90 (65.60 to 66.60): VN061539.D (-186) (-)

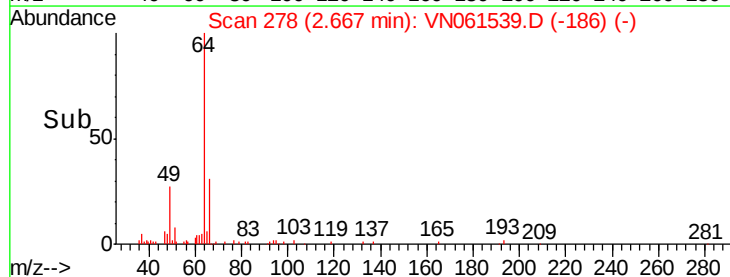
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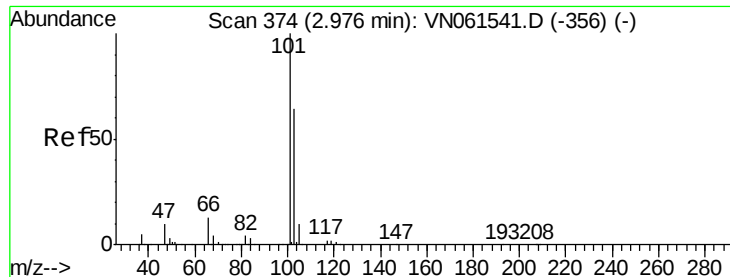
10000

5000

0

Time-->



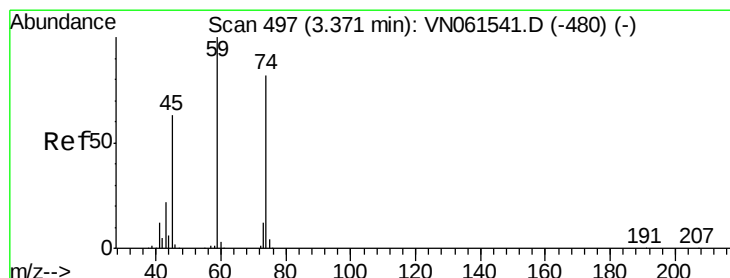
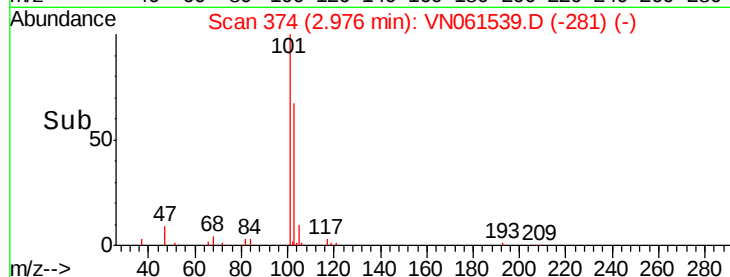
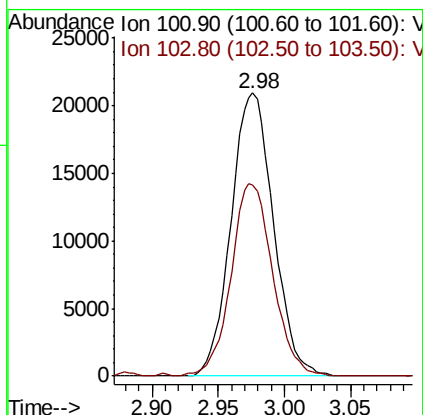
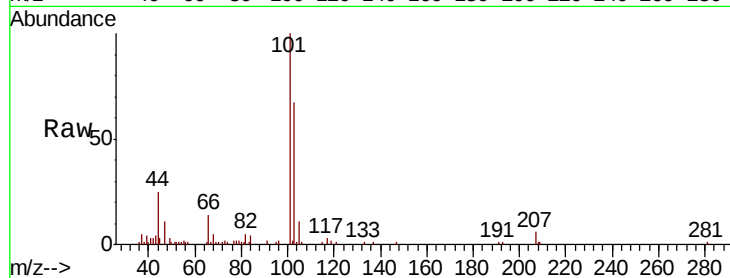


#7

Trichlorofluoromethane
 Concen: 5.171 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

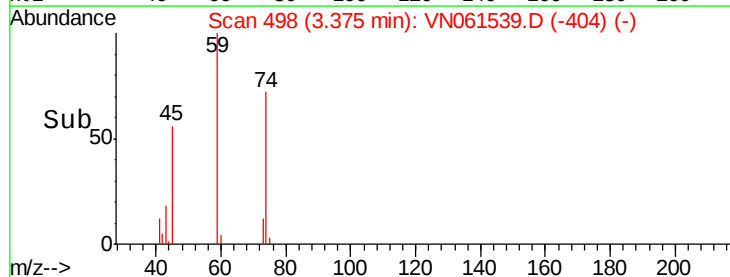
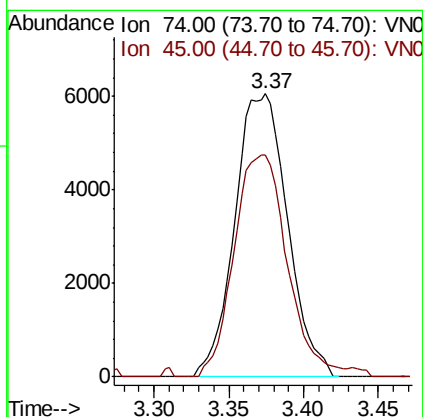
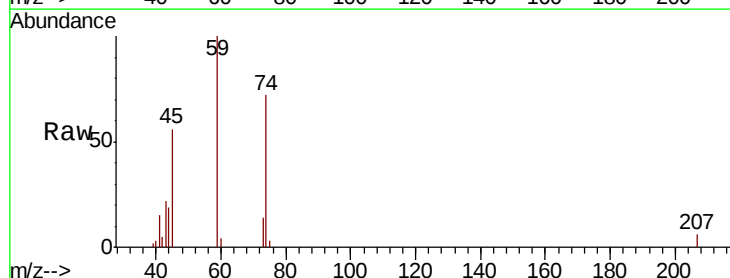
Tot Ion:101 Resp: 46508
 Ion Ratio Lower Upper
 101 100
 103 67.4 51.4 77.2

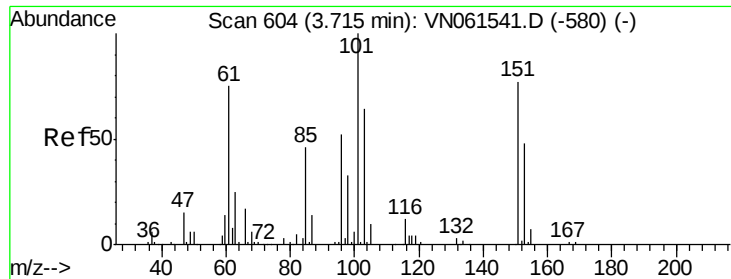


#8

Diethyl Ether
 Concen: 5.662 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 74 Resp: 14859
 Ion Ratio Lower Upper
 74 100
 45 79.3 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.525 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

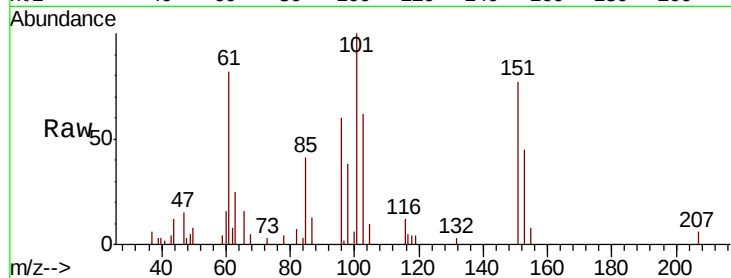
Tot Ion:101 Resp: 20694

Ion Ratio Lower Upper

101 100

85 43.1 35.2 52.8

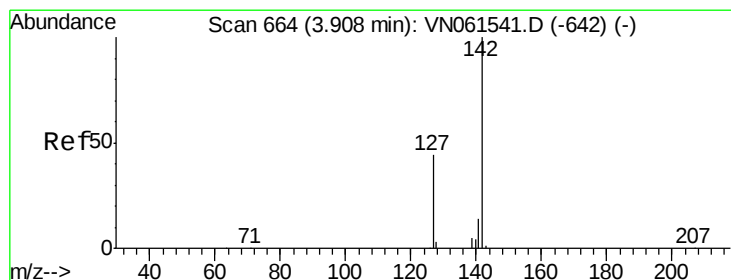
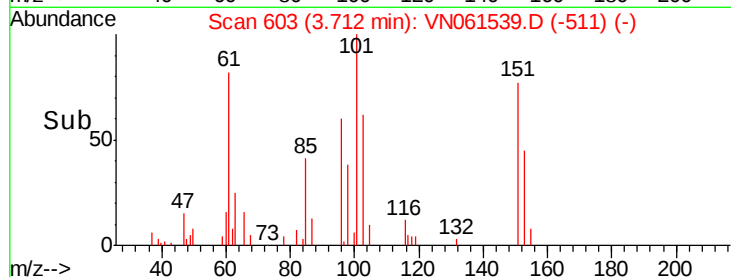
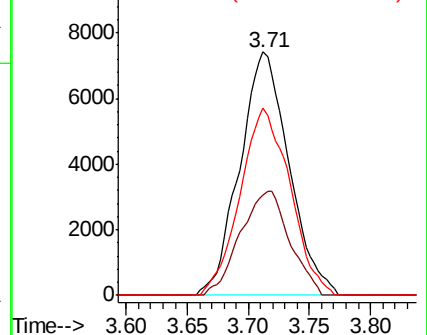
151 78.1 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.615 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

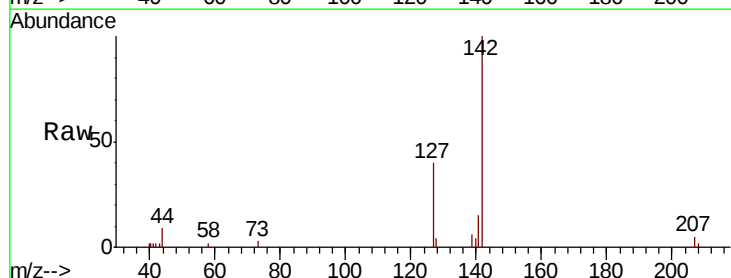
Tgt Ion:142 Resp: 26577

Ion Ratio Lower Upper

142 100

127 42.2 35.5 53.3

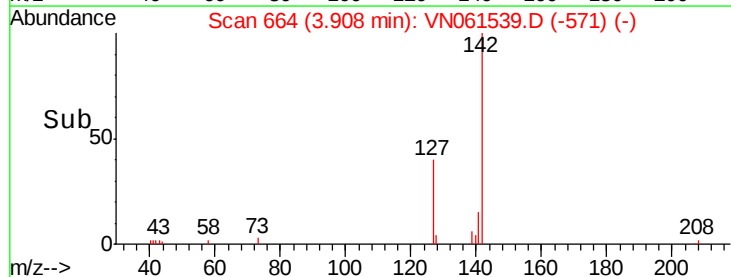
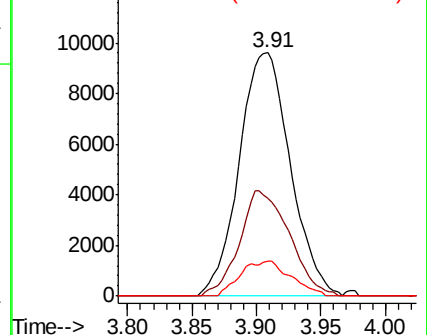
141 14.1 11.5 17.3

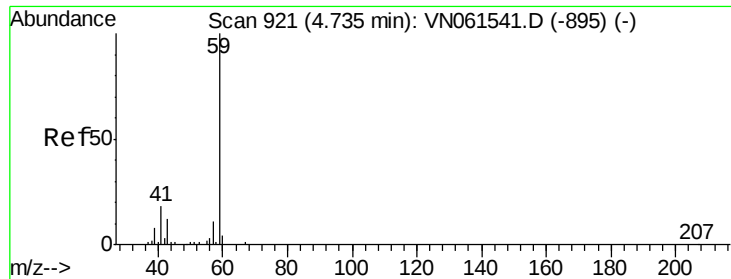


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



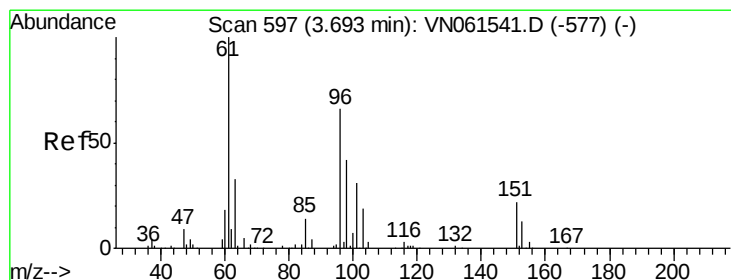
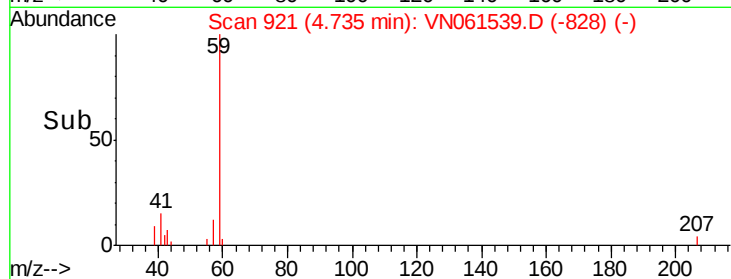
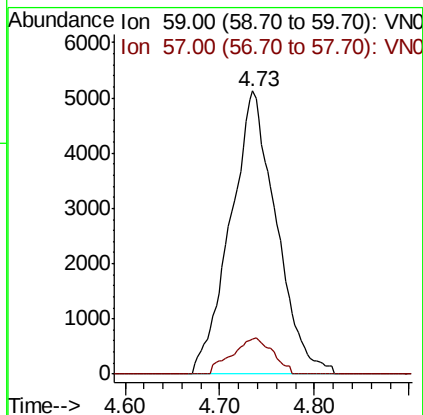
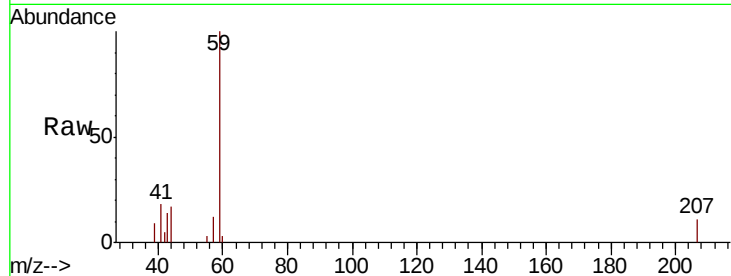


#11

Tert butyl alcohol
 Concen: 26.667 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

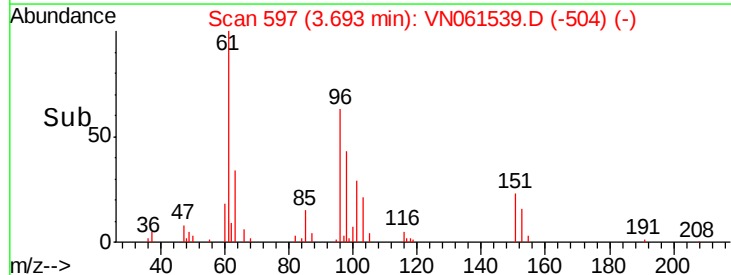
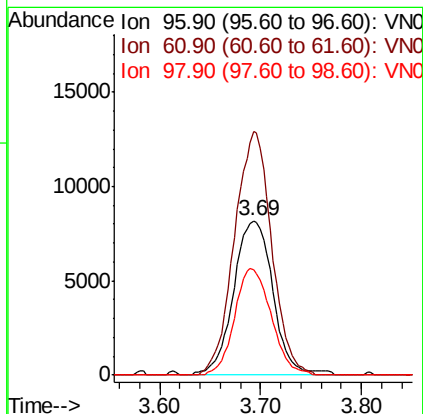
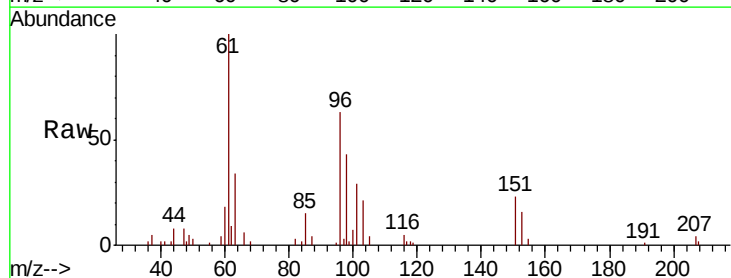
Tot Ion: 59 Resp: 17230
 Ion Ratio Lower Upper
 59 100
 57 11.3 8.4 12.6

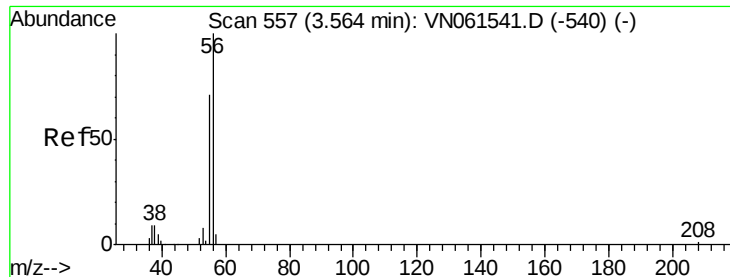


#12

1,1-Dichloroethene
 Concen: 5.625 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 96 Resp: 22215
 Ion Ratio Lower Upper
 96 100
 61 157.9 120.5 180.7
 98 68.3 50.8 76.2





#13

Acrolein

Concen: 26.681 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

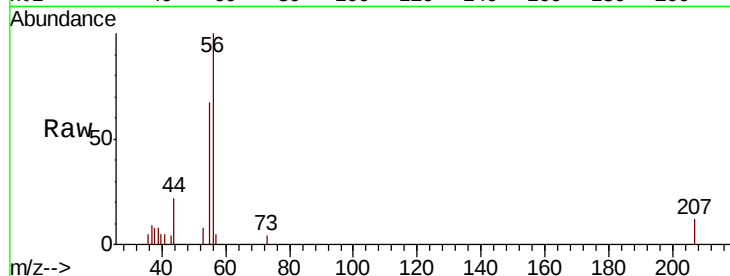
VSTDIC005

Tot Ion: 56 Resp: 12282

Ion Ratio Lower Upper

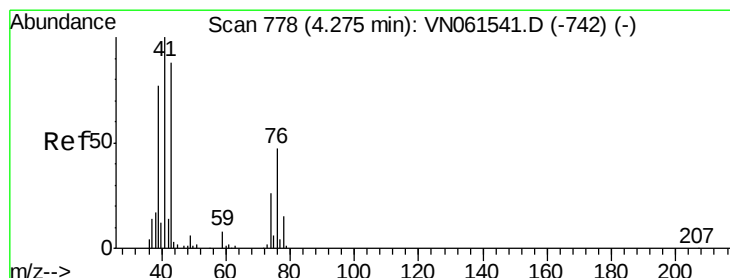
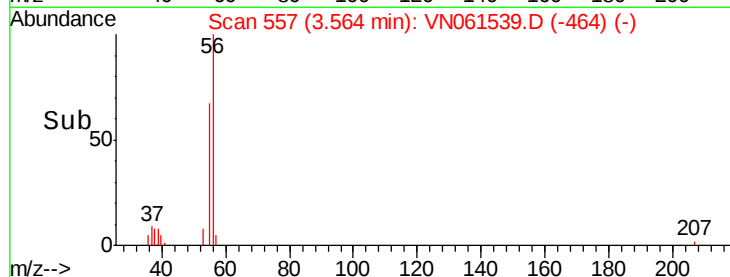
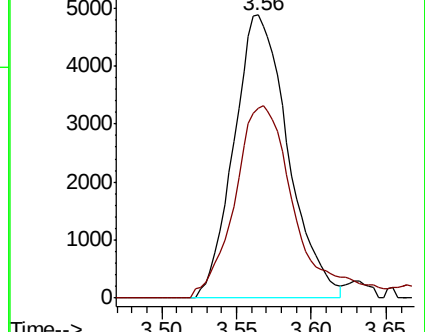
56 100

55 75.3 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061539.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061539.D (-540) (-)



#14

Allyl chloride

Concen: 4.835 ug/l

RT: 4.28 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

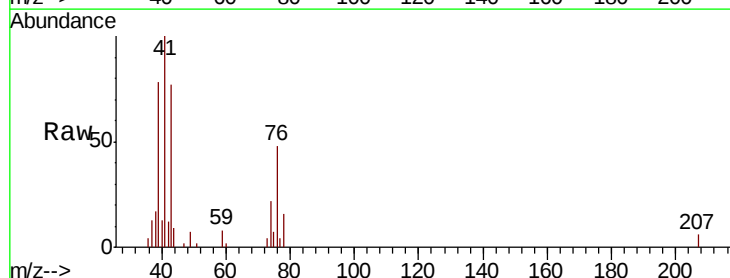
Tgt Ion: 41 Resp: 29822

Ion Ratio Lower Upper

41 100

39 75.2 58.6 88.0

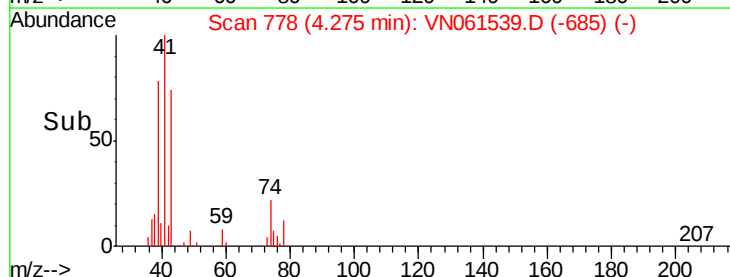
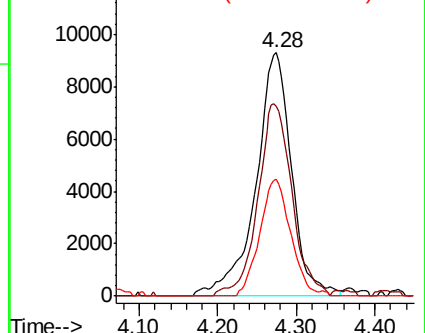
76 41.5 34.2 51.4

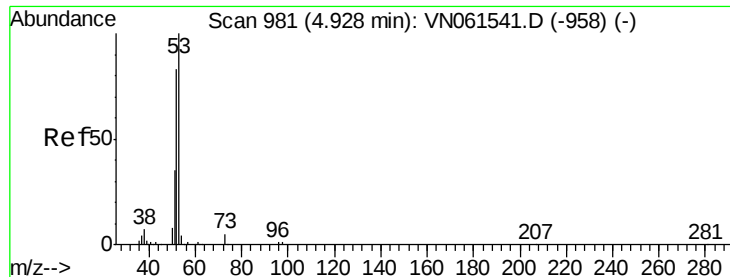


Abundance Ion 41.00 (40.70 to 41.70): VN061539.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061539.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061539.D (-685) (-)





#15

Acrylonitrile

Concen: 23.770 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

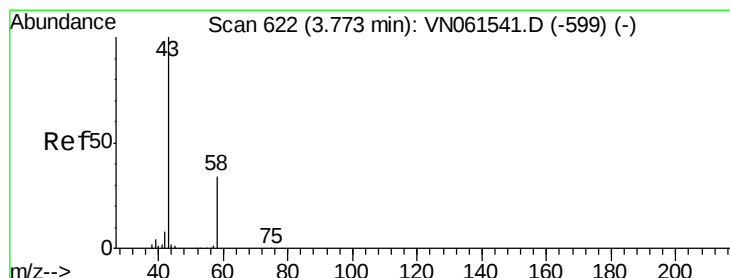
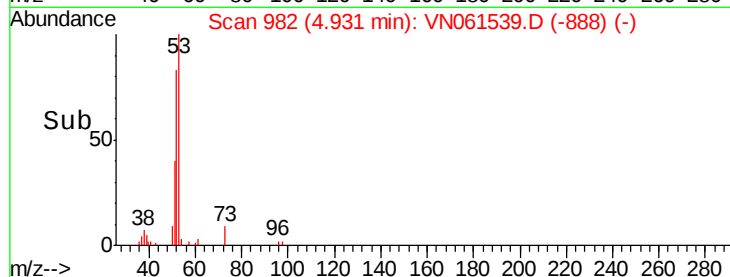
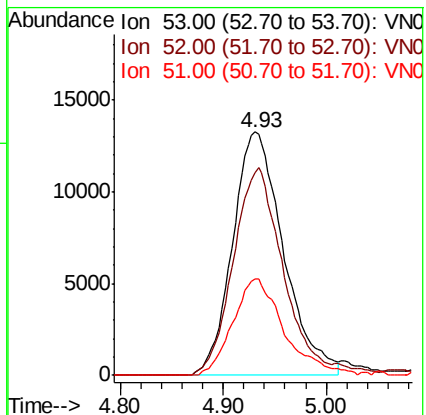
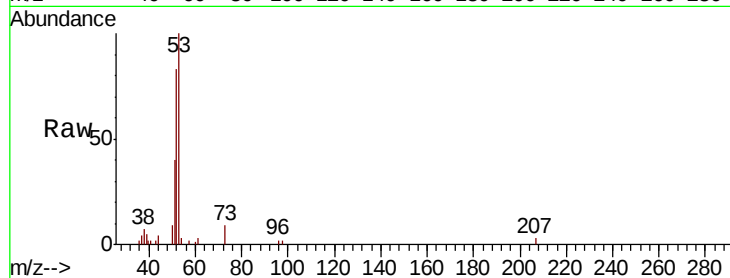
Tot Ion: 53 Resp: 45573

Ion Ratio Lower Upper

53 100

52 82.4 65.4 98.2

51 40.0 29.0 43.6



#16

Acetone

Concen: 26.262 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061539.D

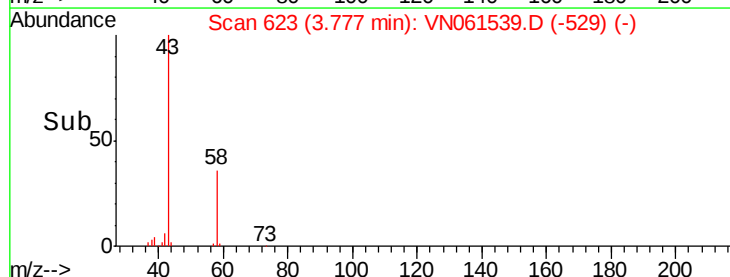
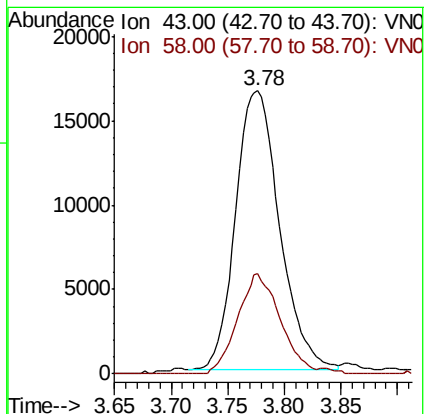
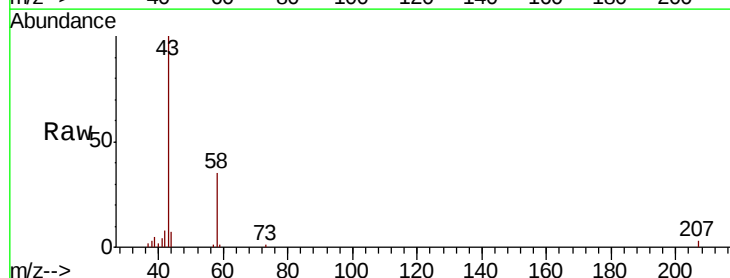
Acq: 28 May 2020 18:09

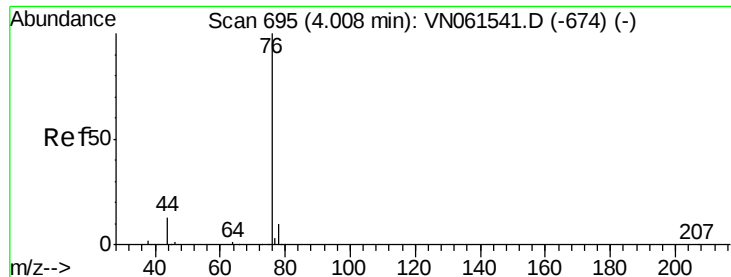
Tgt Ion: 43 Resp: 44942

Ion Ratio Lower Upper

43 100

58 35.7 27.2 40.8





#17

Carbon Disulfide

Concen: 4.923 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

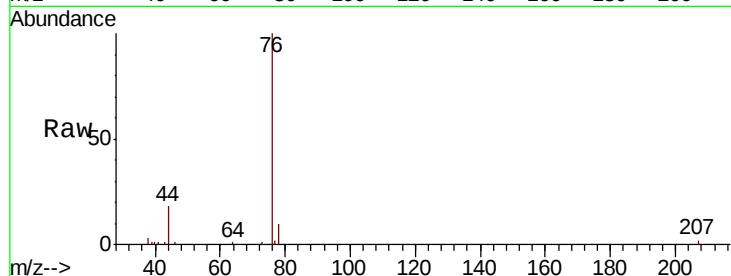
VSTDIC005

Tot Ion: 76 Resp: 47723

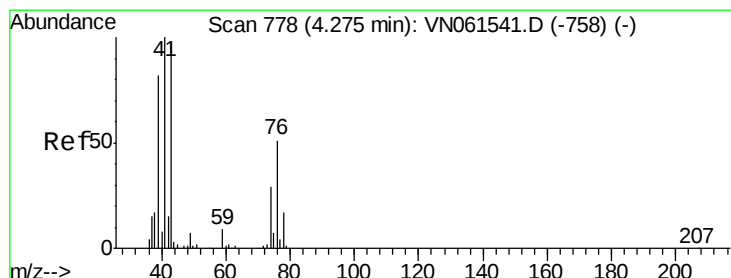
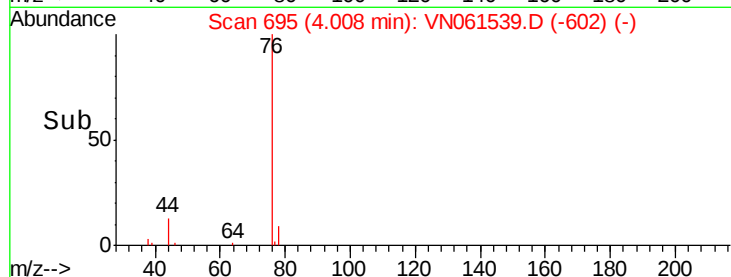
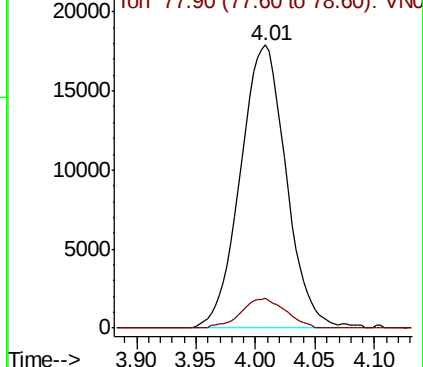
Ion Ratio Lower Upper

76 100

78 10.4 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VN061539.D (-602) (-)



#18

Methyl Acetate

Concen: 4.940 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061539.D

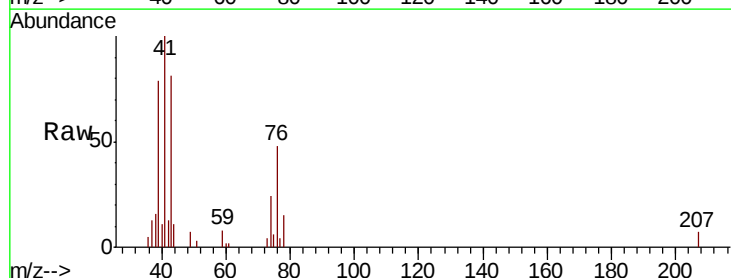
Acq: 28 May 2020 18:09

Tgt Ion: 43 Resp: 21773

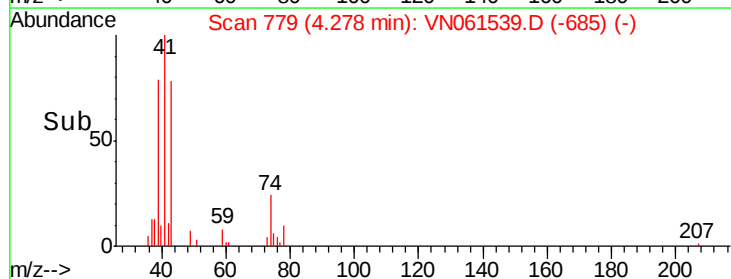
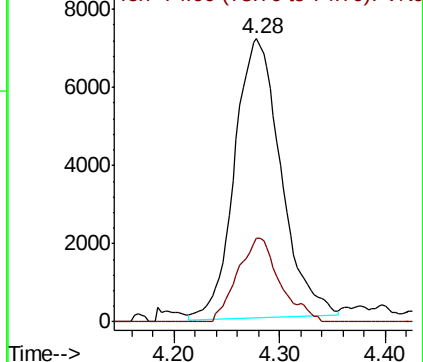
Ion Ratio Lower Upper

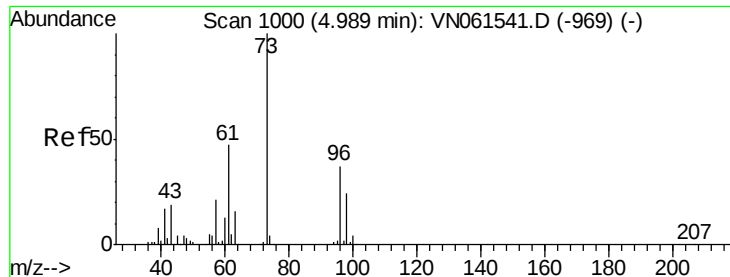
43 100

74 27.5 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN061539.D (-685) (-)

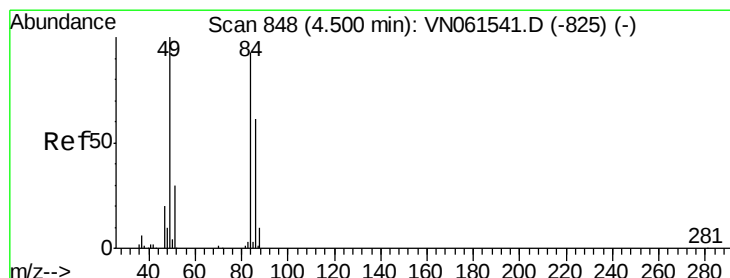
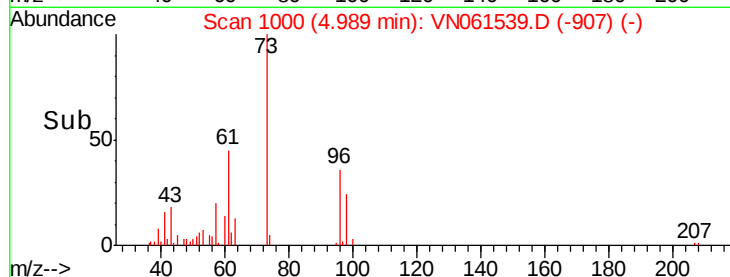
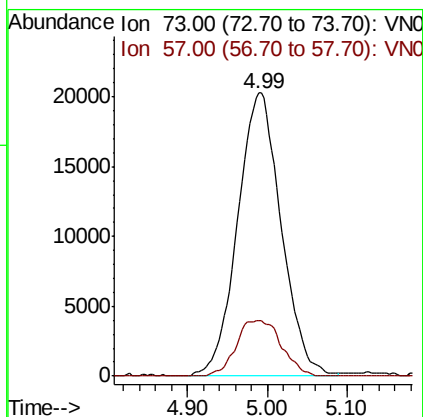
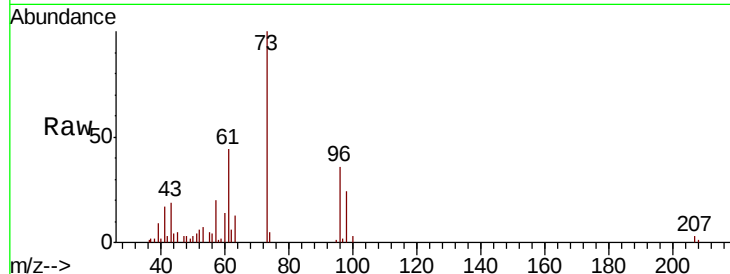




#19
Methvl tert-butvl Ether
Concen: 5.133 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

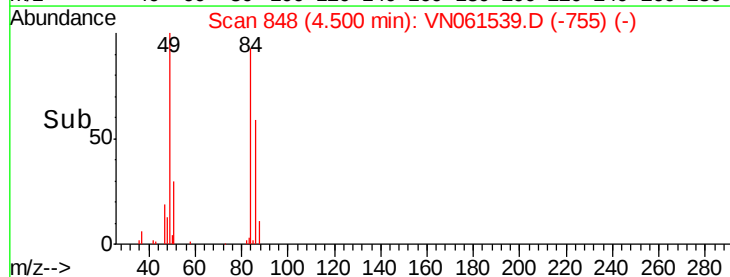
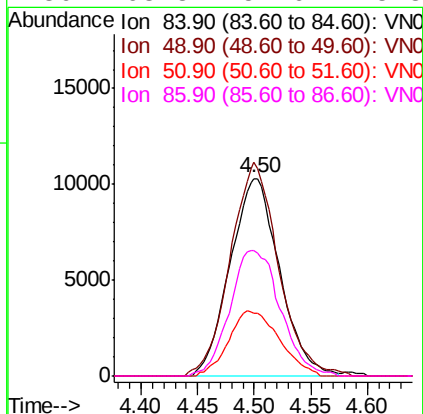
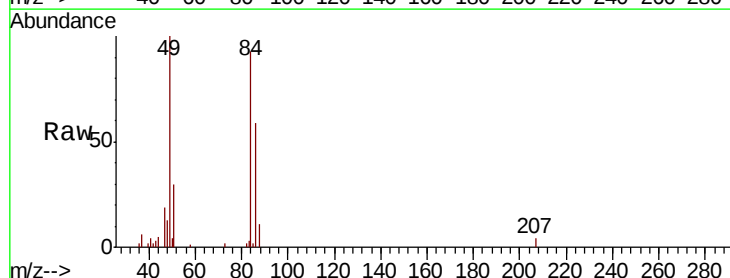
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

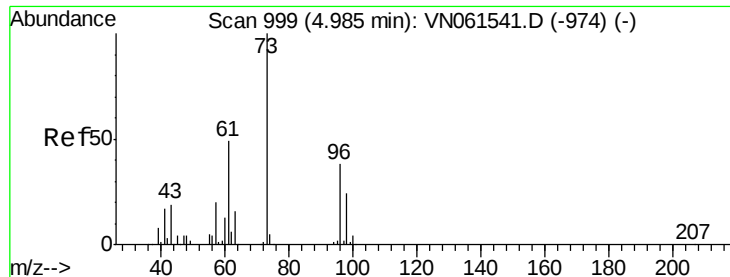
Tot Ion: 73 Resp: 75435
Ion Ratio Lower Upper
73 100
57 19.6 16.4 24.6



#20
Methylene Chloride
Concen: 6.710 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 84 Resp: 31342
Ion Ratio Lower Upper
84 100
49 105.8 85.8 128.8
51 32.1 26.2 39.2
86 63.8 52.6 78.8

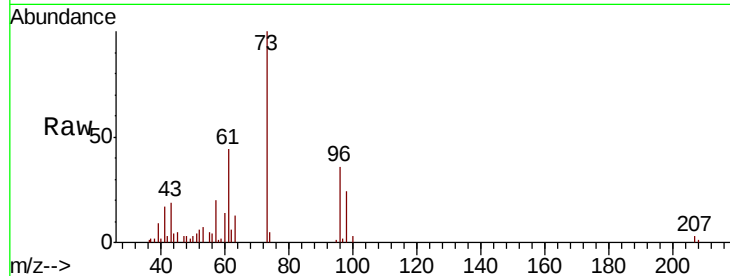




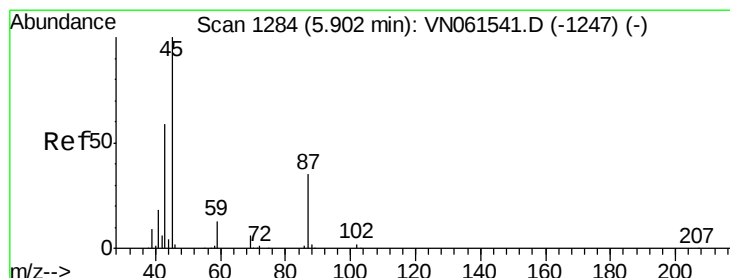
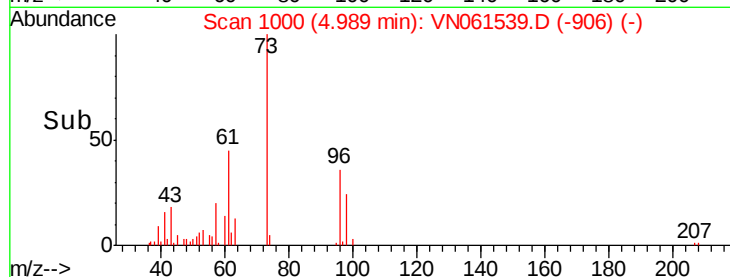
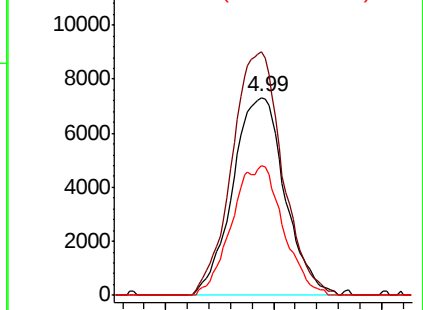
#21
trans-1,2-Dichloroethene
Concen: 5.472 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 96 Resp: 24639
Ion Ratio Lower Upper
96 100
61 123.0 101.4 152.0
98 65.8 50.6 76.0

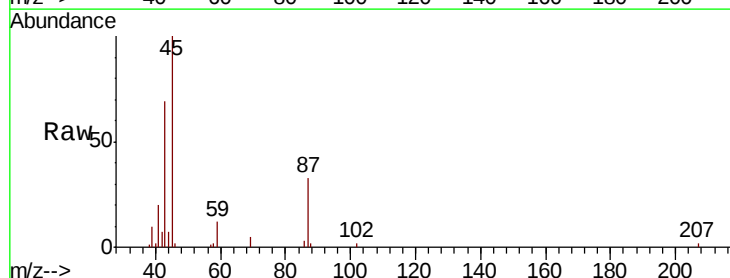


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

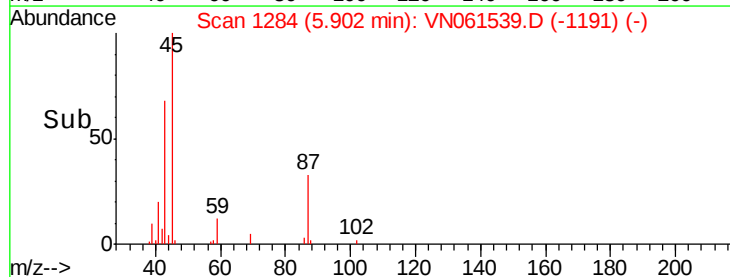
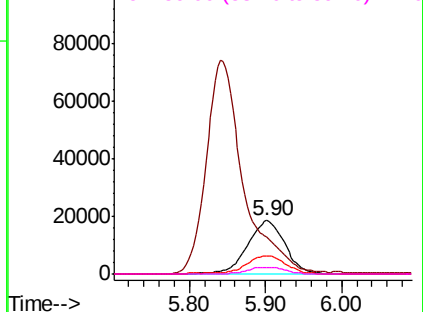


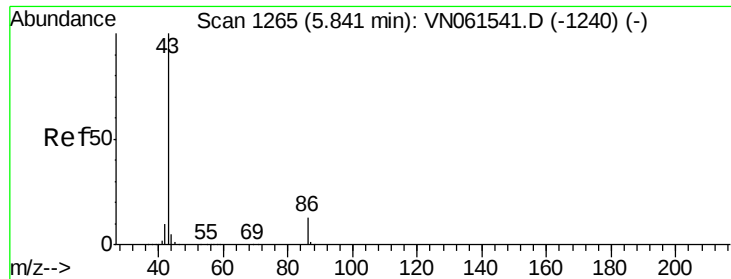
#22
Diisopropyl ether
Concen: 4.540 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 45 Resp: 63124
Ion Ratio Lower Upper
45 100
43 65.1 47.9 71.9
87 33.4 28.4 42.6
59 12.3 10.5 15.7



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

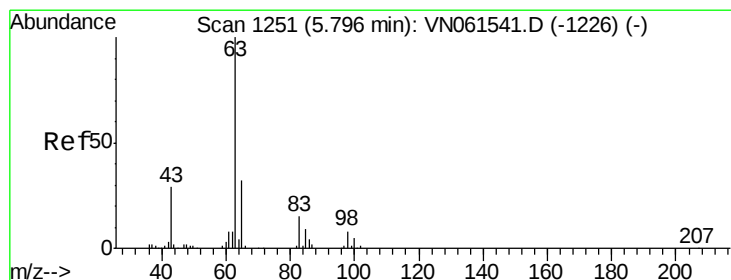
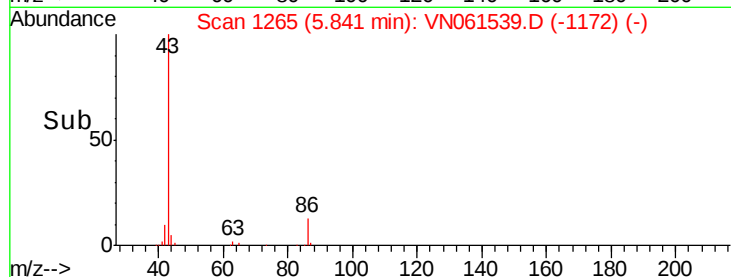
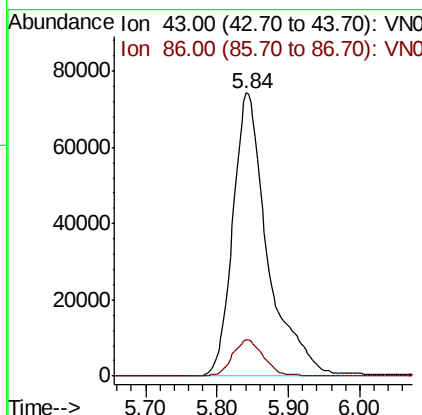
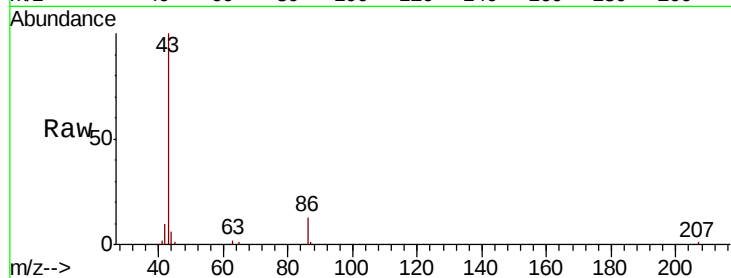




#23
 Vinyl Acetate
 Concen: 22.853 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

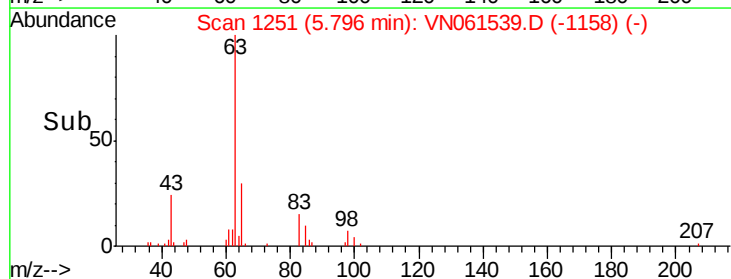
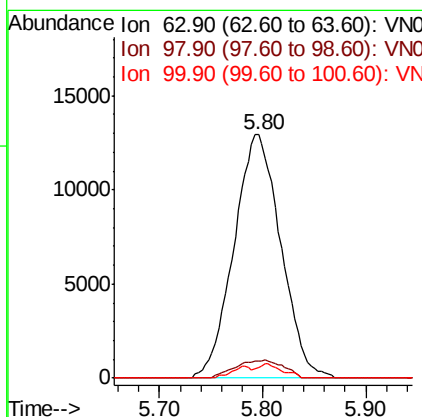
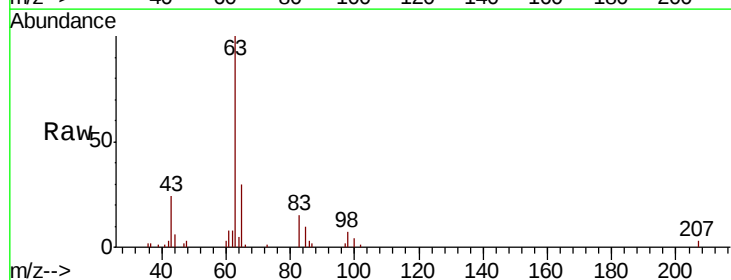
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

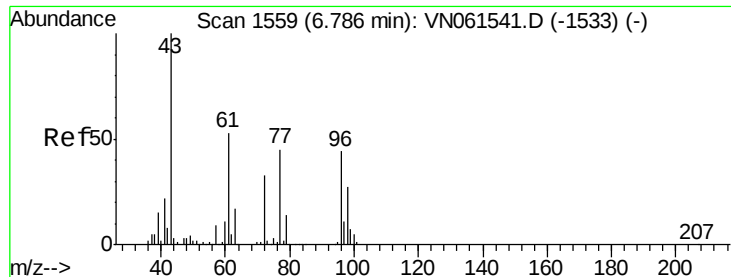
Tot Ion: 43 Resp: 252630
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 4.986 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 63 Resp: 40807
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 4.3 2.5 7.6

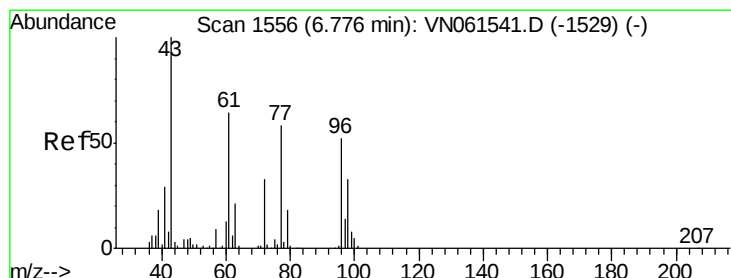
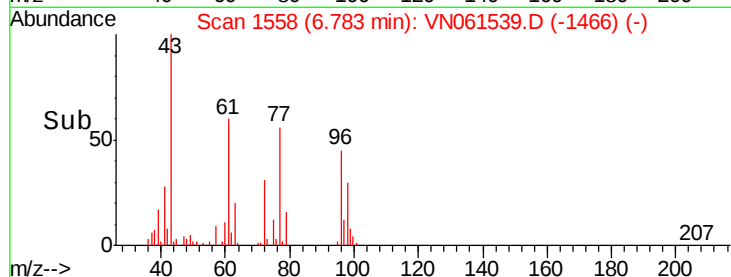
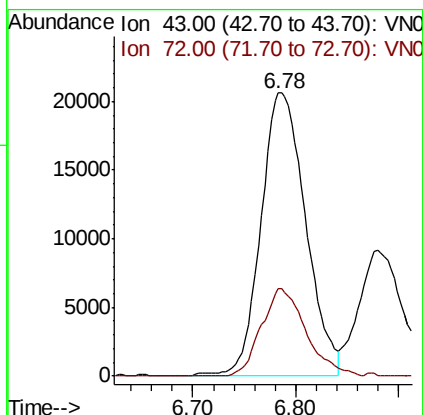
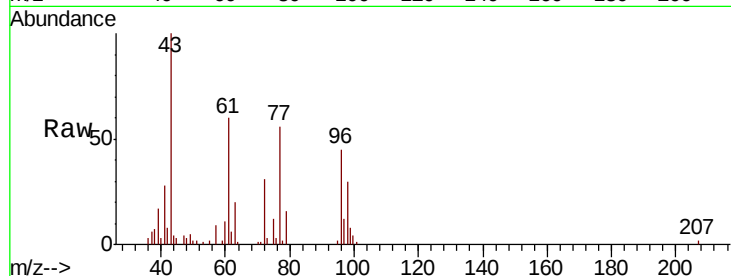




#25
2-Butanone
Concen: 24.510 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

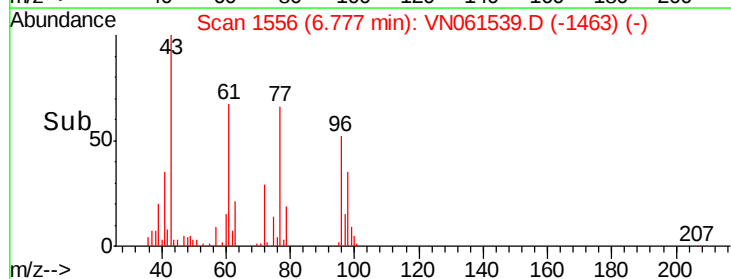
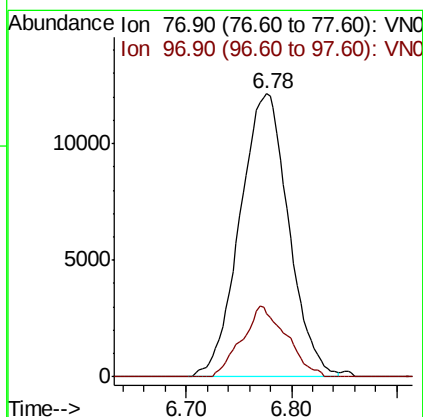
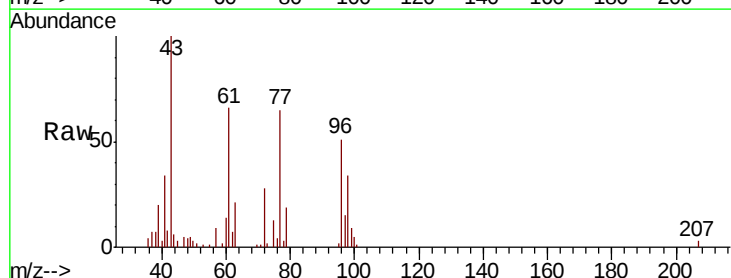
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

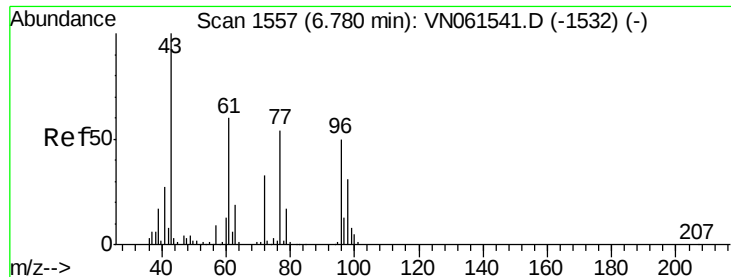
Tot Ion: 43 Resp: 62233
Ion Ratio Lower Upper
43 100
72 31.0 26.0 39.0



#26
2,2-Dichloropropane
Concen: 5.034 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 77 Resp: 39050
Ion Ratio Lower Upper
77 100
97 22.7 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 5.387 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

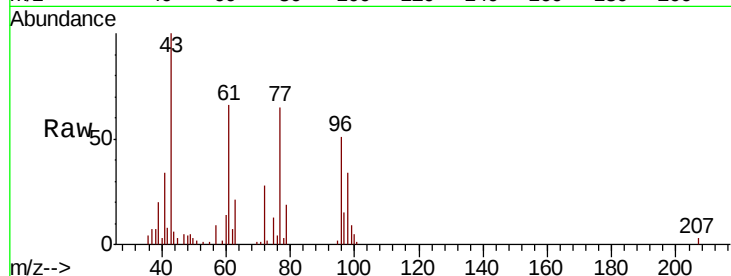
Tot Ion: 96 Resp: 28614

Ion Ratio Lower Upper

96 100

61 131.0 0.0 252.2

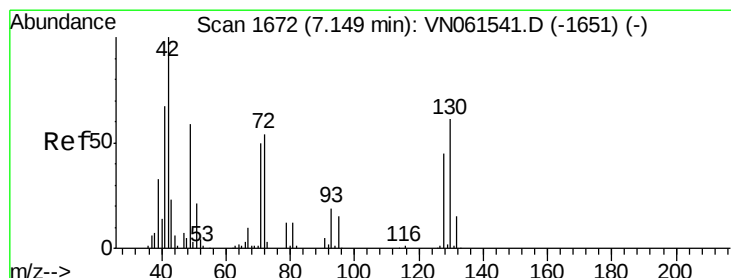
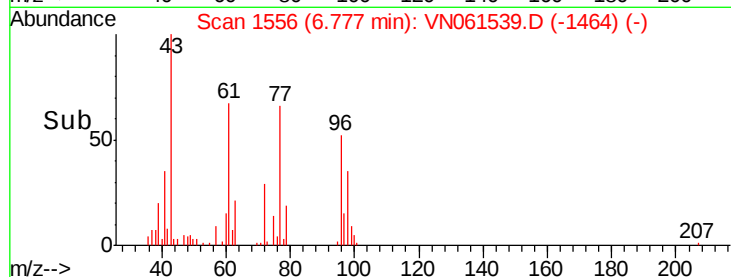
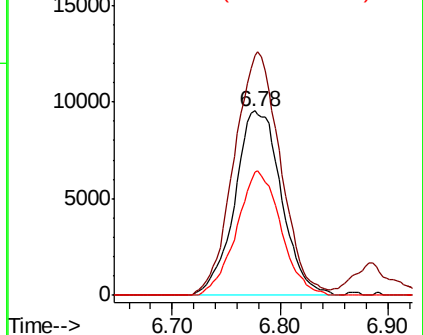
98 64.2 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN061539.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061539.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061539.D (-1464) (-)



#28

Bromochloromethane

Concen: 5.180 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

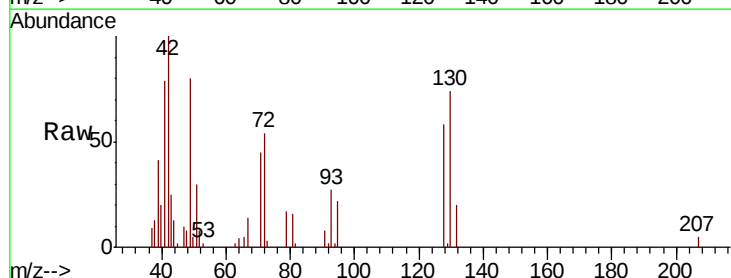
Tgt Ion: 49 Resp: 17533

Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.8

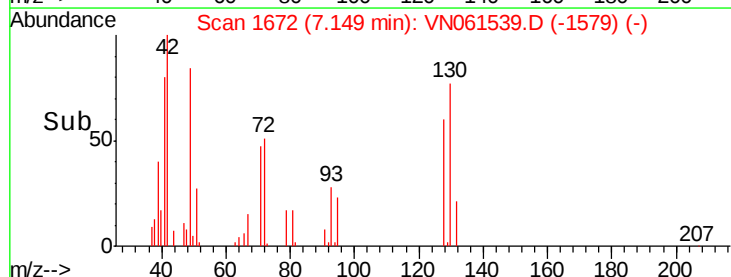
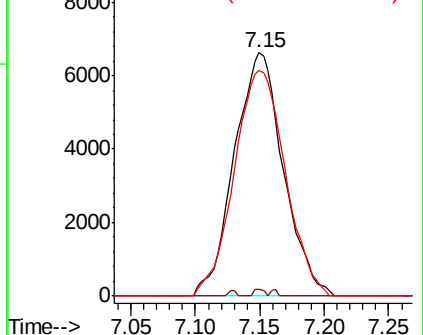
130 96.5 78.8 118.2

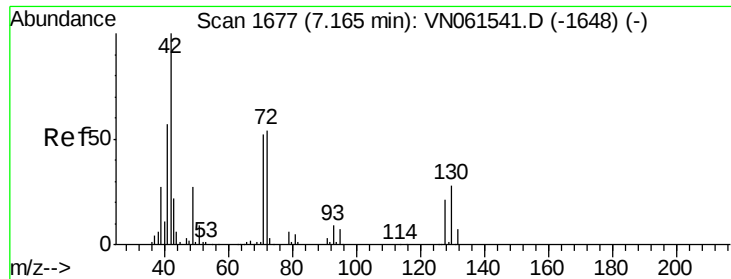


Abundance Ion 48.90 (48.60 to 49.60): VN061539.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN061539.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN061539.D (-1579) (-)

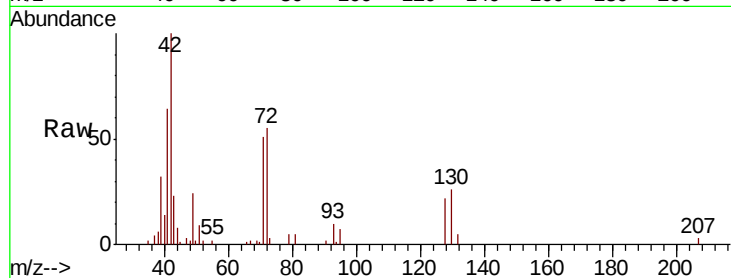




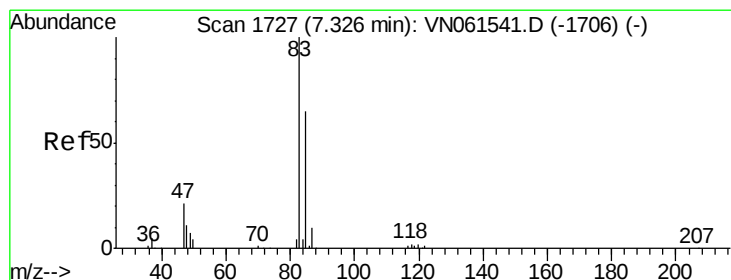
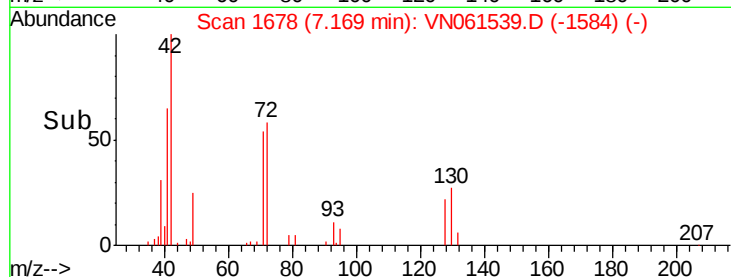
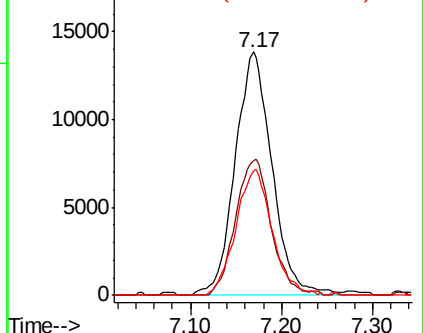
#29
Tetrahydrofuran
Concen: 23.238 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion: 42 Resp: 39075
Ion Ratio Lower Upper
42 100
72 53.8 43.6 65.4
71 50.5 41.2 61.8

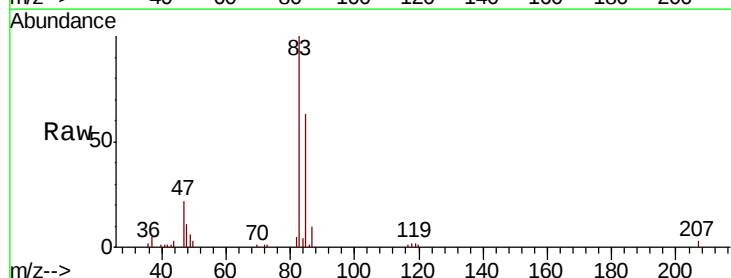


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

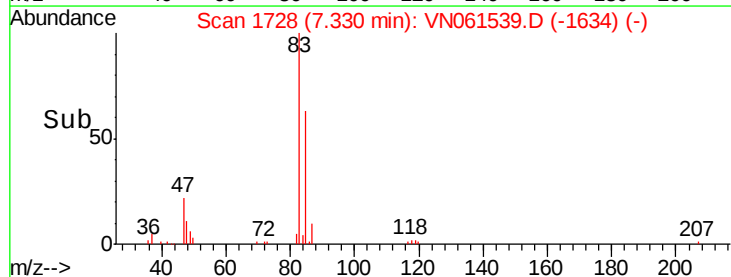
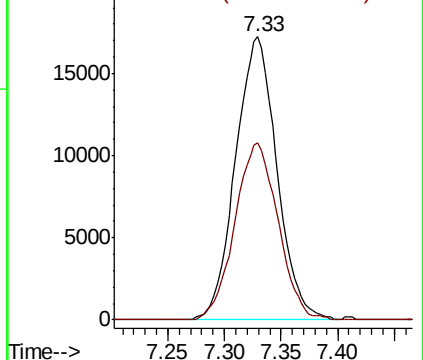


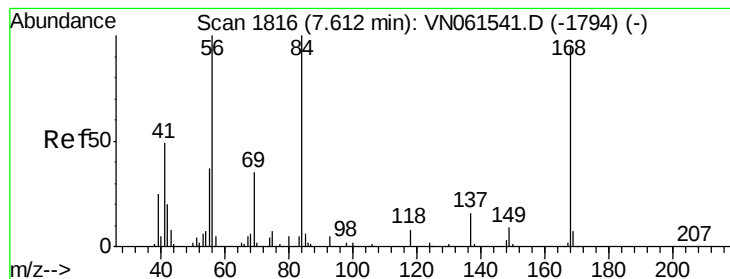
#30
Chloroform
Concen: 5.103 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 83 Resp: 43858
Ion Ratio Lower Upper
83 100
85 62.5 51.7 77.5



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





#31

Cyclohexane

Concen: 5.112 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

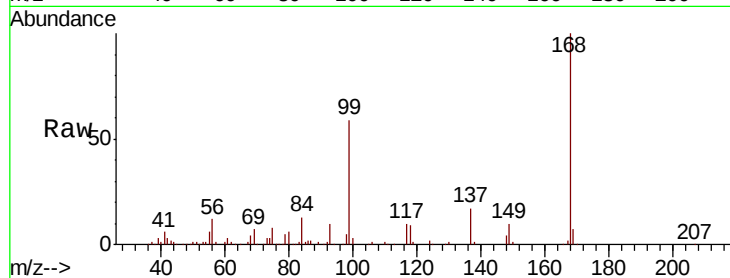
Tot Ion: 56 Resp: 39770

Ion Ratio Lower Upper

56 100

69 58.4 27.8 41.8#

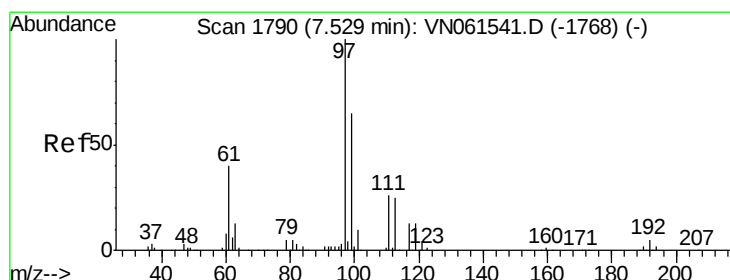
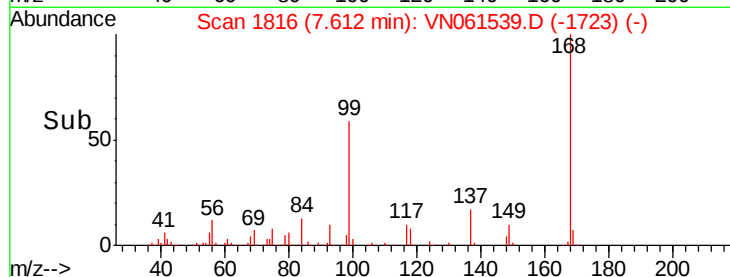
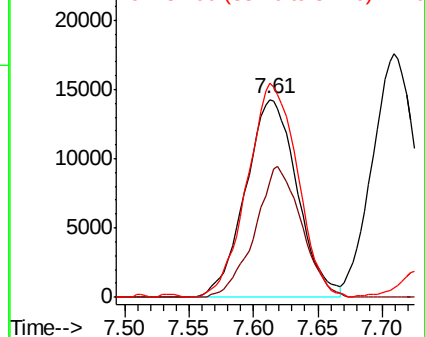
84 108.3 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061539.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061539.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061539.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 5.113 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

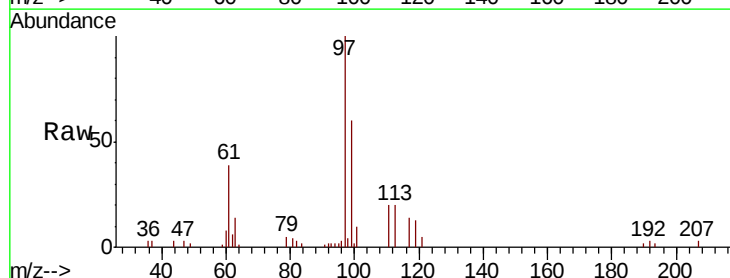
Tgt Ion: 97 Resp: 40206

Ion Ratio Lower Upper

97 100

99 62.5 51.4 77.0

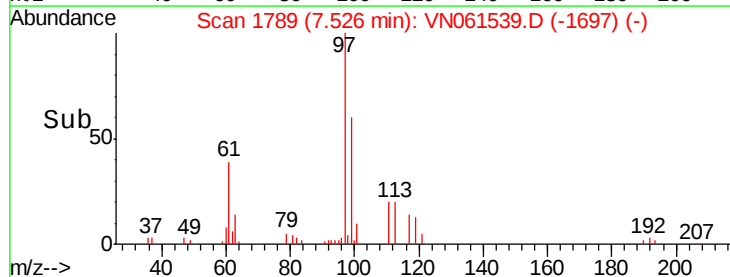
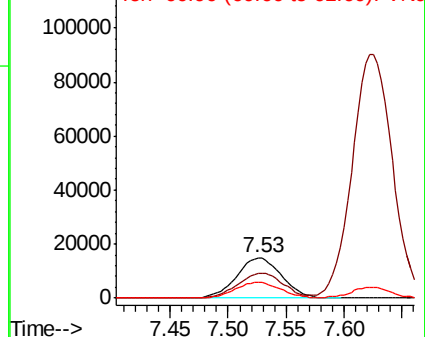
61 39.4 31.4 47.0

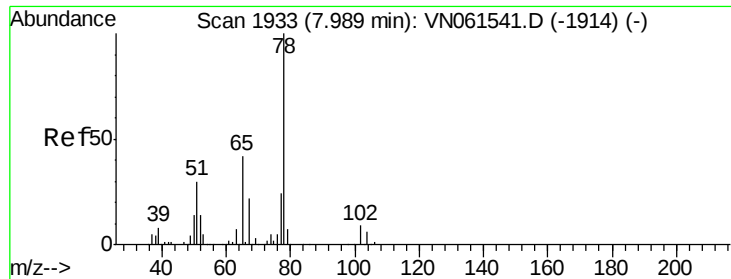


Abundance Ion 96.90 (96.60 to 97.60): VN061539.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061539.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061539.D (-1697) (-)





#33

1,2-Dichloroethane-d4

Concen: 4.229 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

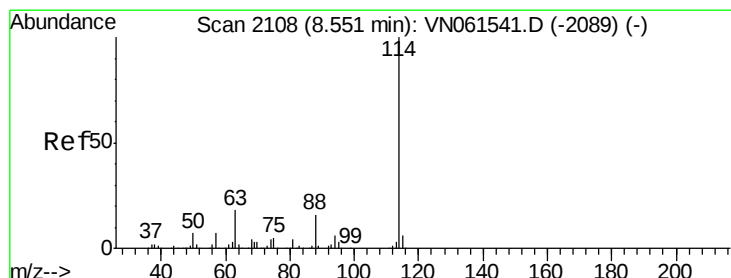
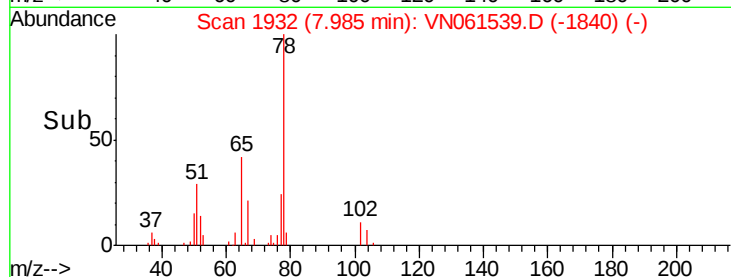
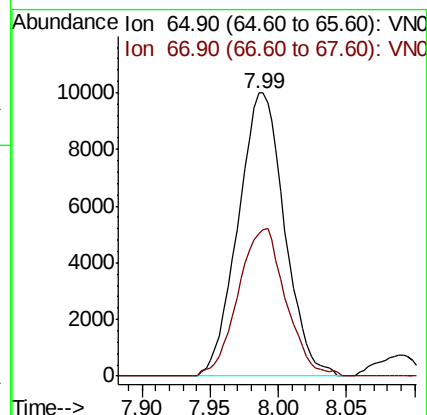
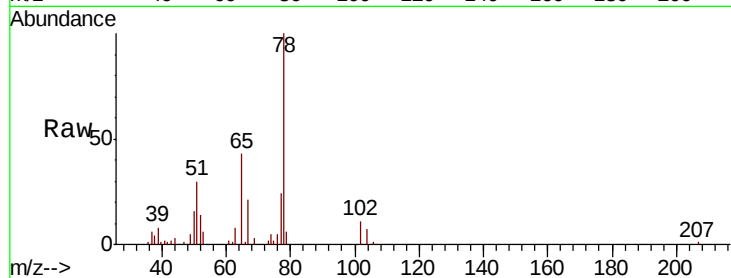
VSTDIC005

Tot Ion: 65 Resp: 23604

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

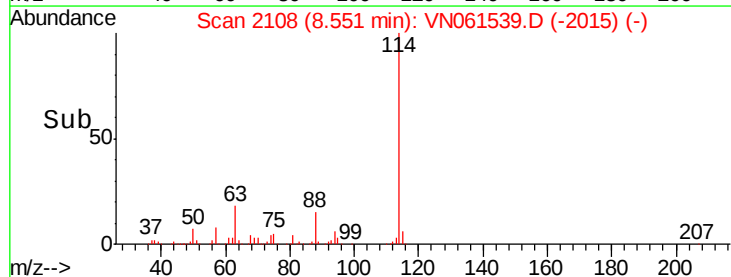
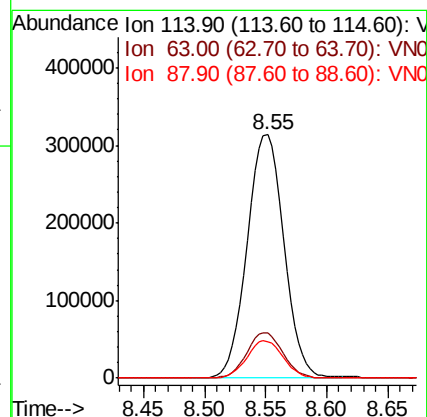
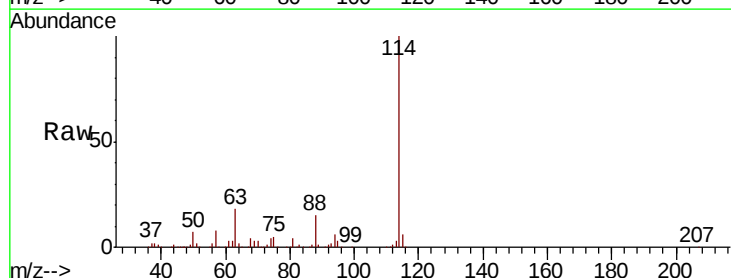
Tgt Ion: 114 Resp: 653780

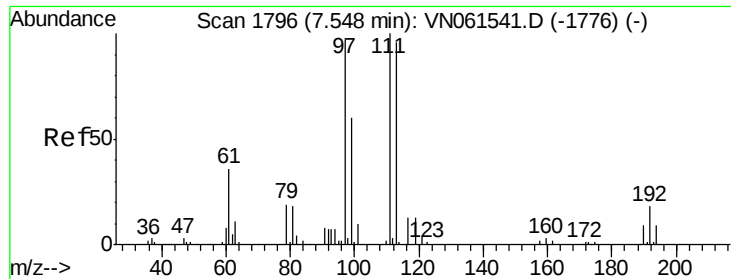
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.8

88 15.1 0.0 31.0

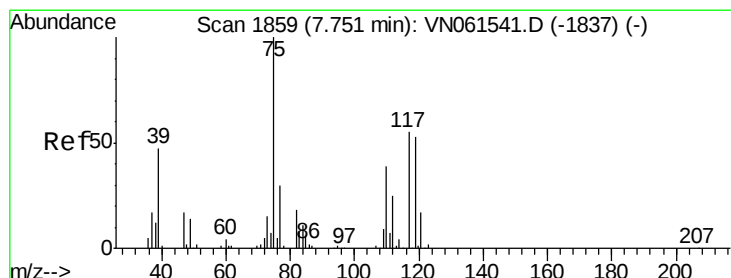
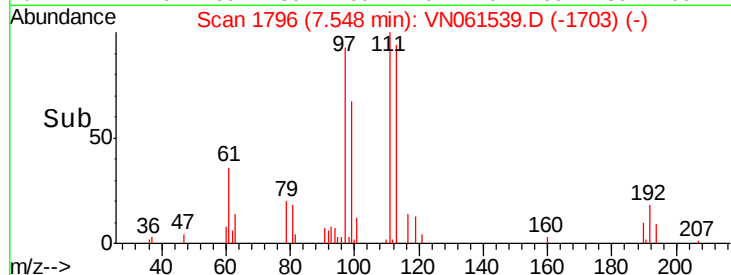
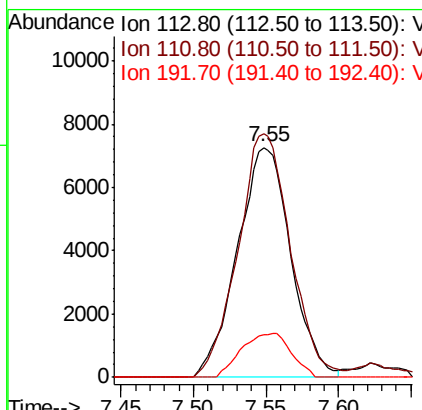
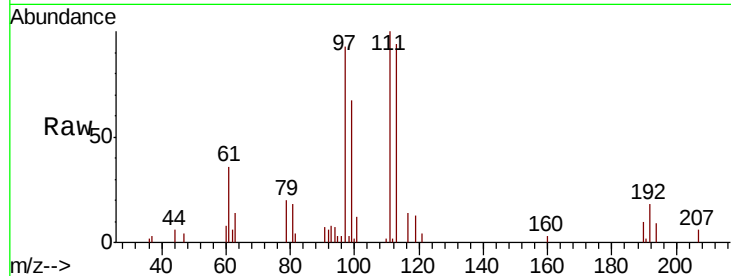




#35
 Dibromofluoromethane
 Concen: 5.400 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

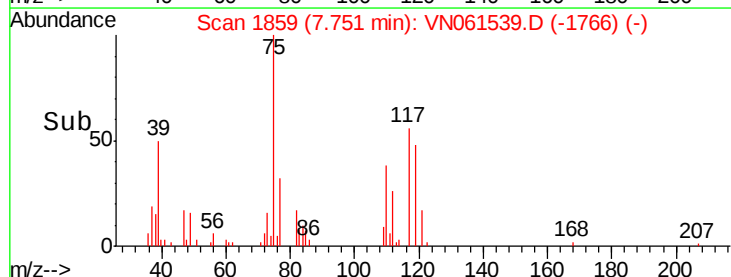
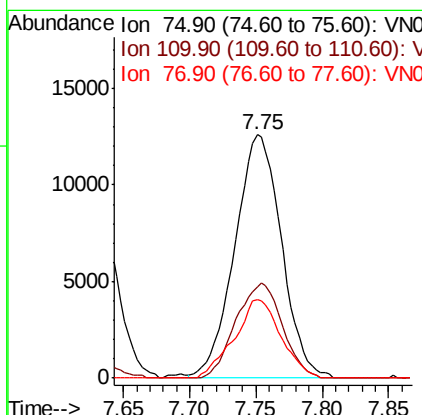
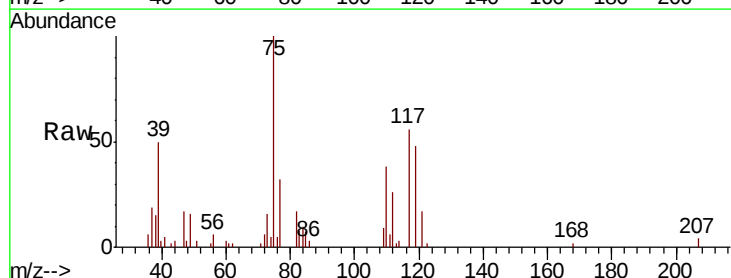
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

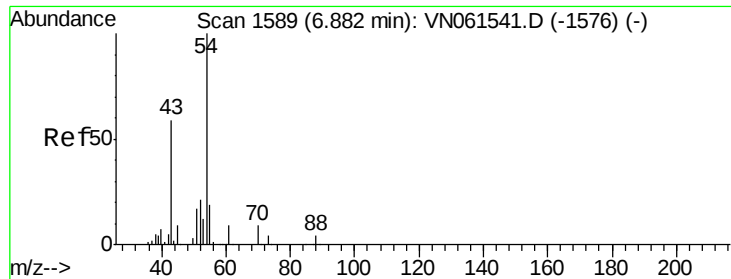
Tot Ion:113 Resp: 18593
 Ion Ratio Lower Upper
 113 100
 111 103.9 83.4 125.0
 192 17.7 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 5.131 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 75 Resp: 30908
 Ion Ratio Lower Upper
 75 100
 110 38.8 19.5 58.5
 77 32.1 24.7 37.1

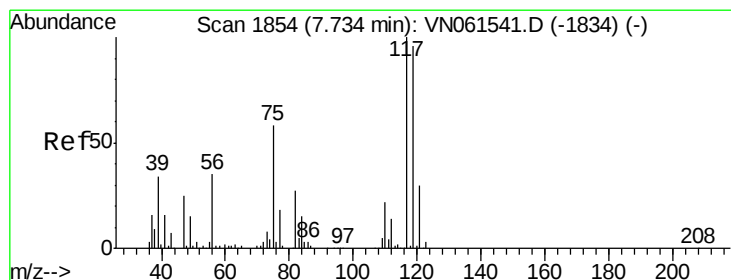
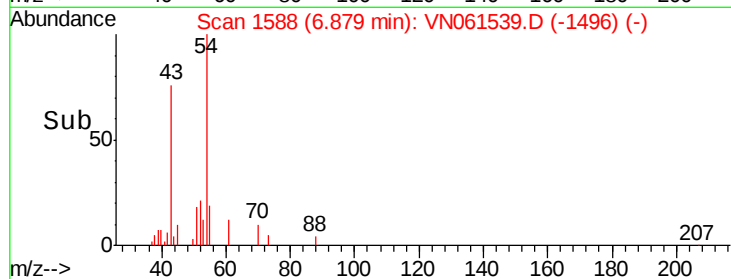
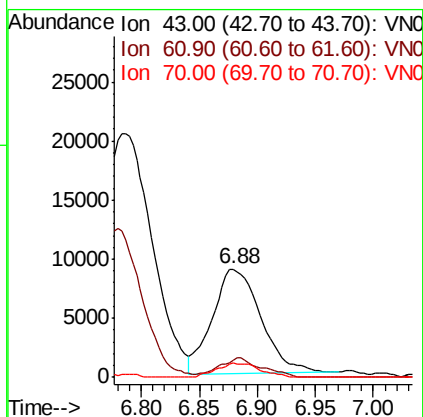
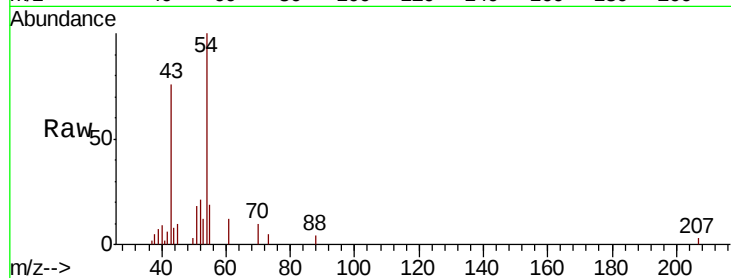




#37
Ethyl Acetate
Concen: 4.738 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

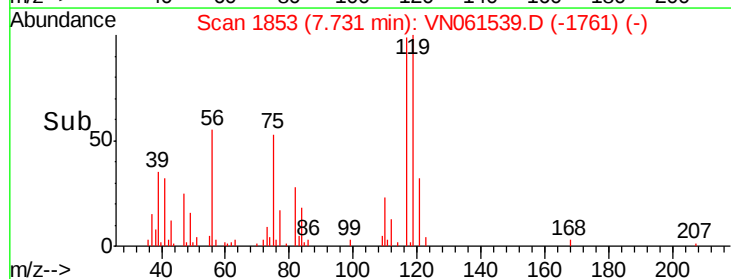
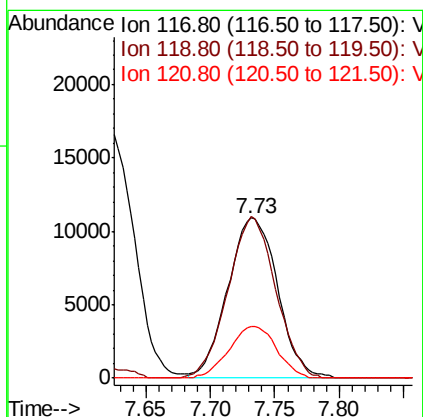
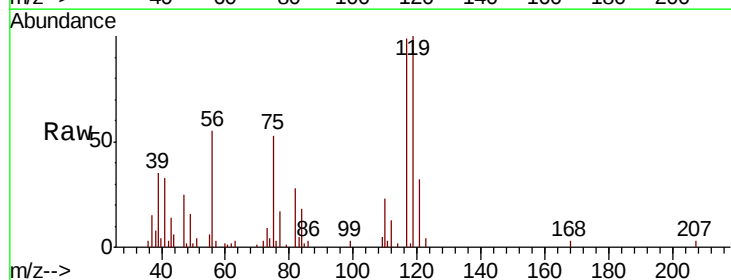
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

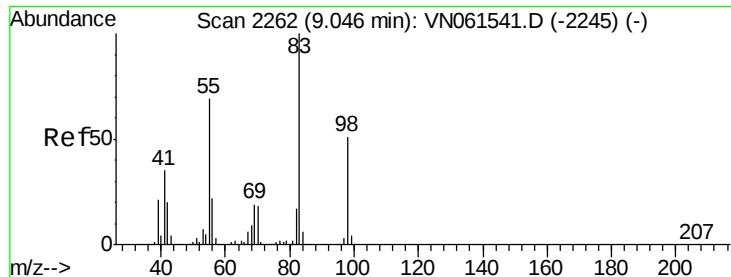
Tot Ion: 43 Resp: 25828
Ion Ratio Lower Upper
43 100
61 16.3 12.2 18.4
70 6.8 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 5.253 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 117 Resp: 29275
Ion Ratio Lower Upper
117 100
119 100.8 76.5 114.7
121 32.5 24.1 36.1

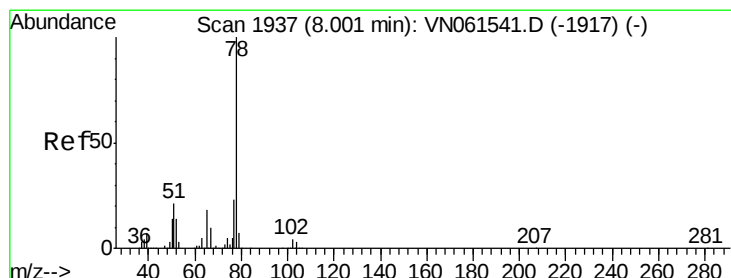
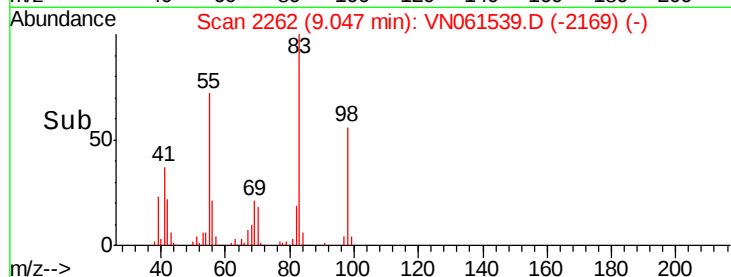
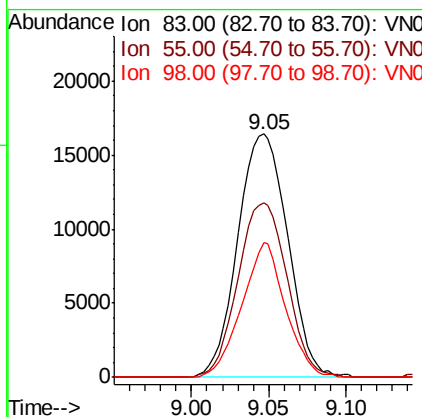
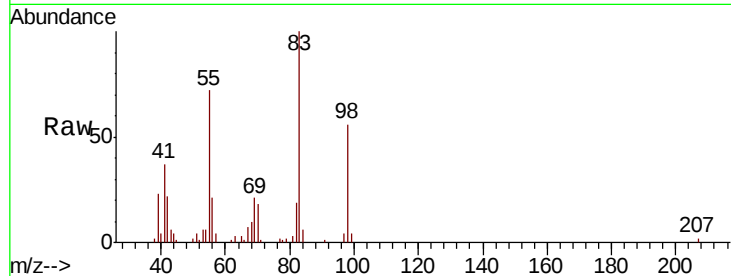




#39
Methvlcvclohexane
Concen: 4.991 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

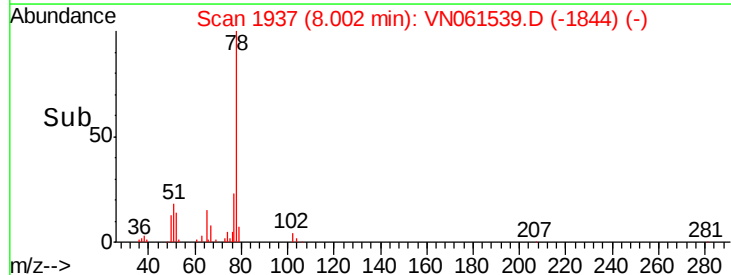
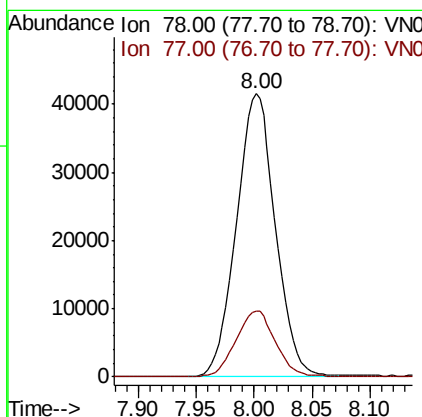
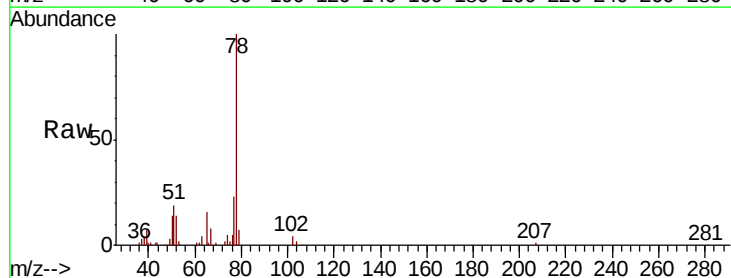
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

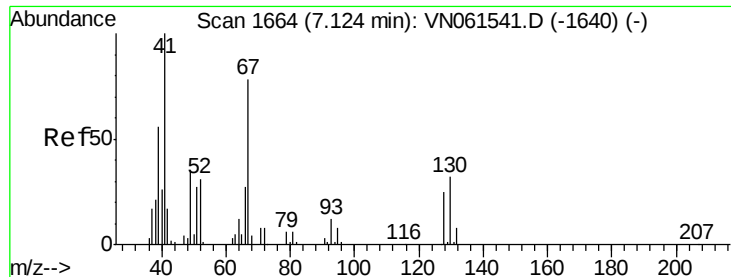
Tot Ion: 83 Resp: 36803
Ion Ratio Lower Upper
83 100
55 71.8 54.9 82.3
98 55.5 41.0 61.4



#40
Benzene
Concen: 5.324 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 78 Resp: 96813
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

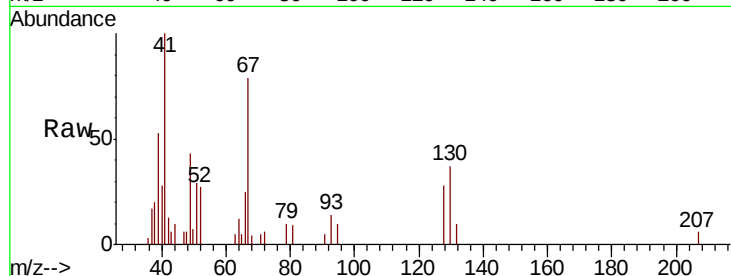




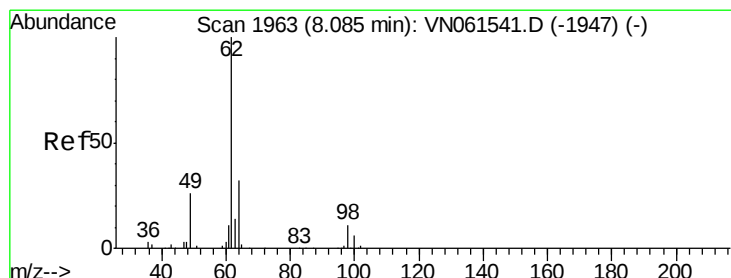
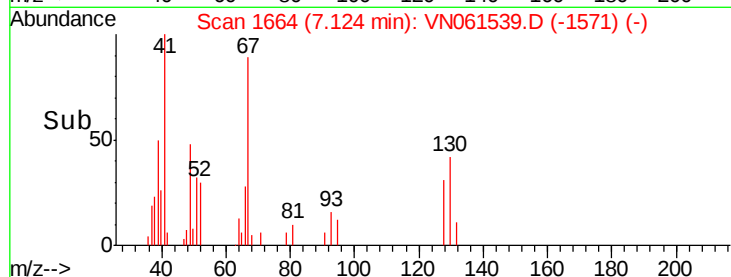
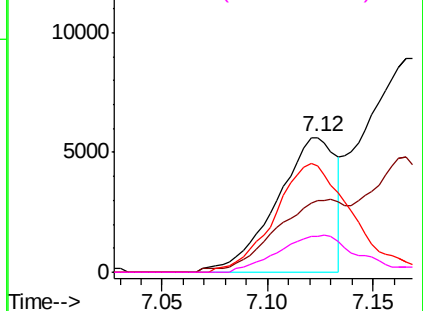
#41
Methacrylonitrile
Concen: 4.919 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	11025
Ion	Ratio	Lower	Upper
41	100		
39	66.6	53.8	80.6
67	104.8	91.1	136.7
52	35.7	36.0	54.0#

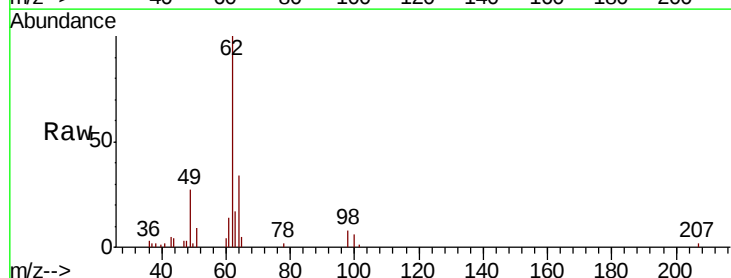


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

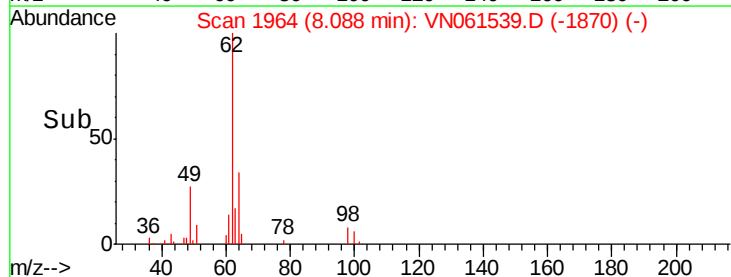
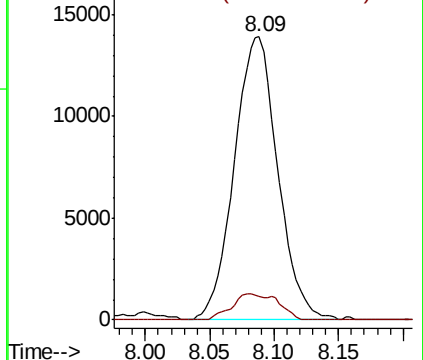


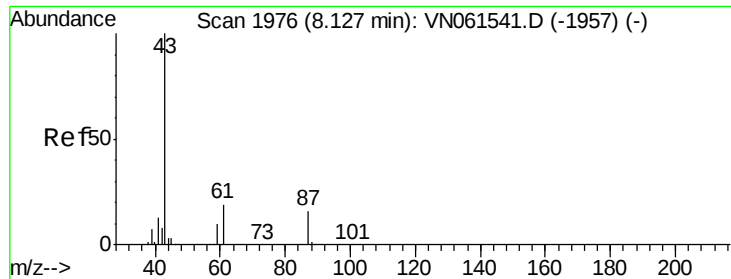
#42
1,2-Dichloroethane
Concen: 5.036 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion:	62	Resp:	32648
Ion	Ratio	Lower	Upper
62	100		
98	6.4	0.0	21.4



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





#43

Isopropyl Acetate

Concen: 4.887 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

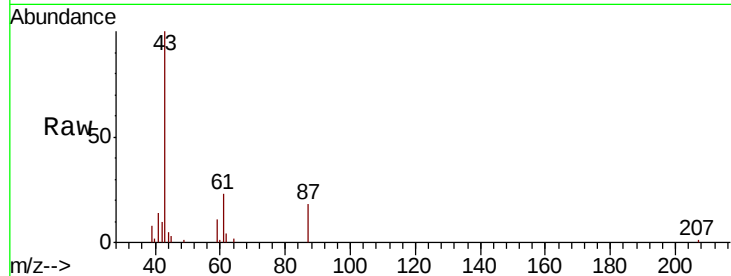
Tot Ion: 43 Resp: 46108

Ion Ratio Lower Upper

43 100

61 21.7 23.6 35.4#

87 16.4 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN061541.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN061541.D (-1957) (-)

8.13

25000

20000

15000

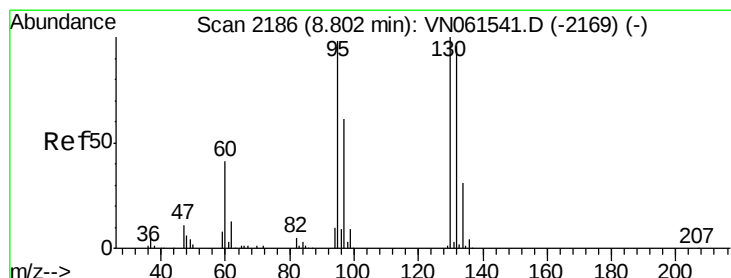
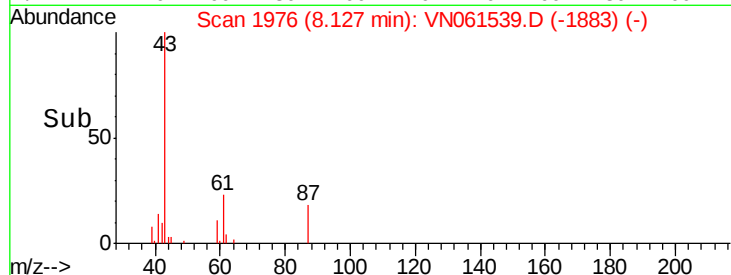
10000

5000

0

8.05 8.10 8.15 8.20

Time-->



#44

Trichloroethene

Concen: 5.739 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061539.D

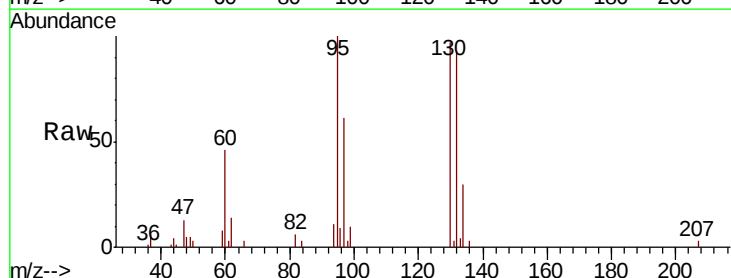
Acq: 28 May 2020 18:09

Tgt Ion: 130 Resp: 28229

Ion Ratio Lower Upper

130 100

95 102.8 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): VN061541.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061541.D (-2169) (-)

8.80

15000

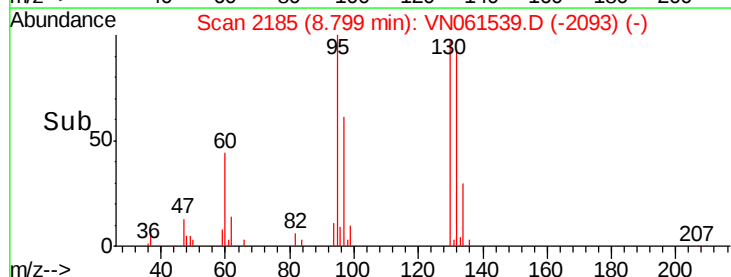
10000

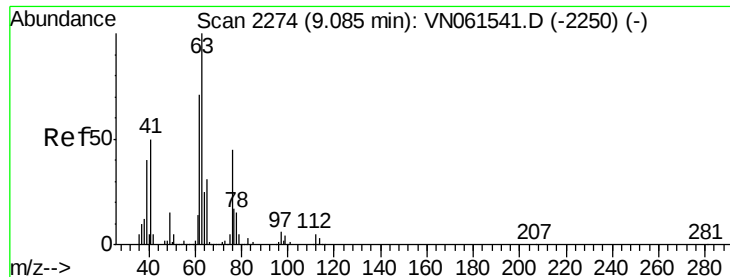
5000

0

8.75 8.80 8.85

Time-->

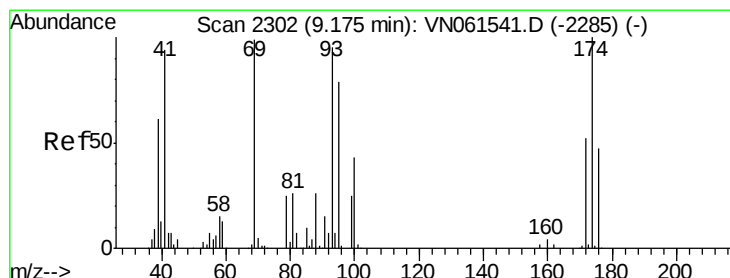
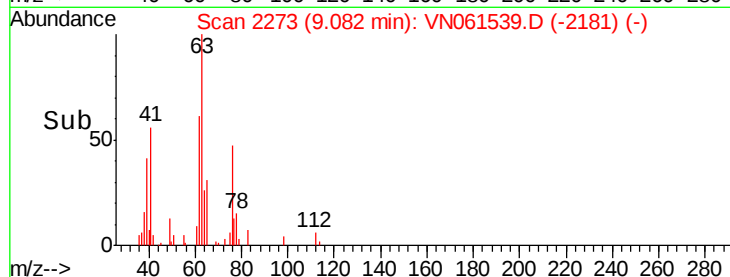
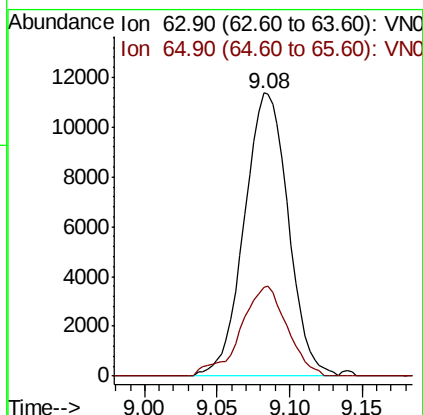
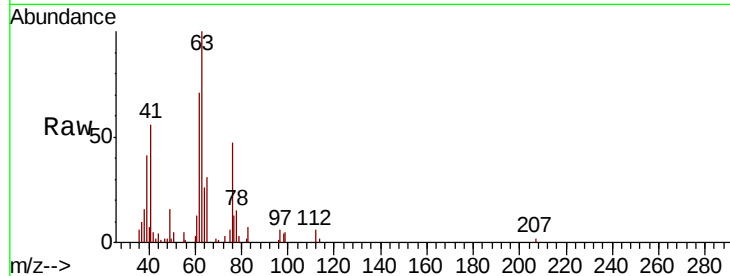




#45
 1,2-Dichloropropane
 Concen: 5.318 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

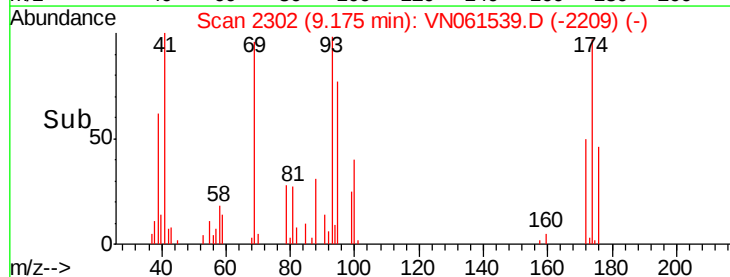
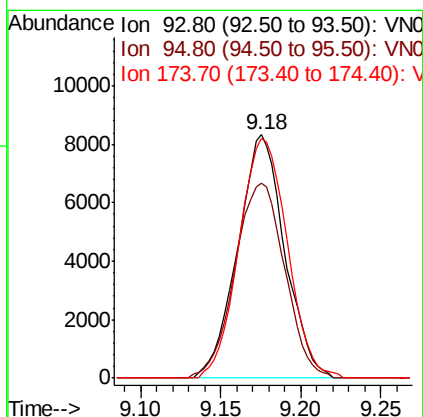
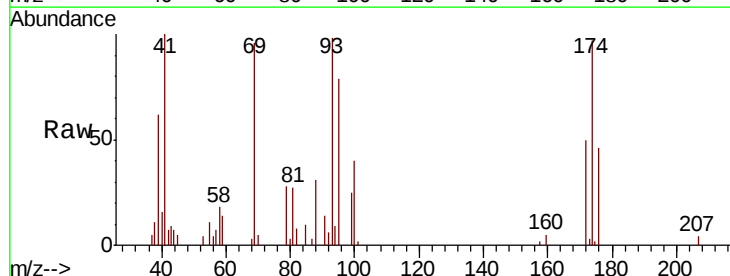
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

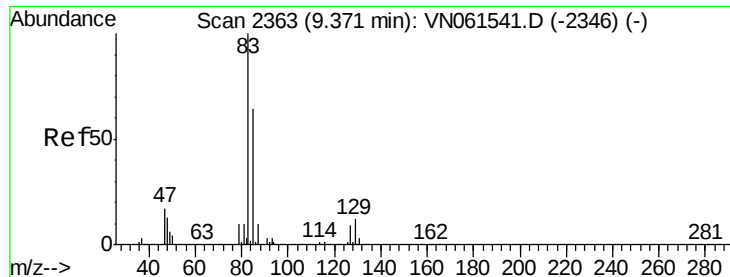
Tot Ion: 63 Resp: 24028
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 5.220 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 93 Resp: 16772
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.0 99.0
 174 101.0 82.5 123.7





#47

Bromodichloromethane

Concen: 5.313 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

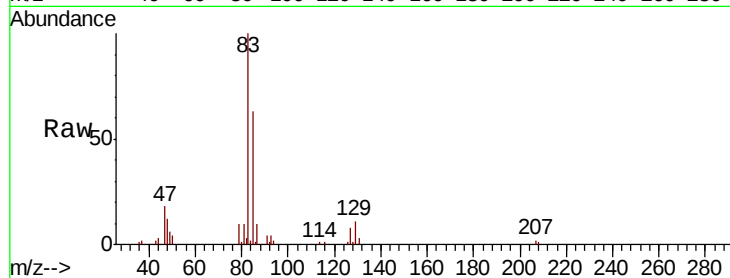
Tot Ion: 83 Resp: 35587

Ion Ratio Lower Upper

83 100

85 63.5 51.1 76.7

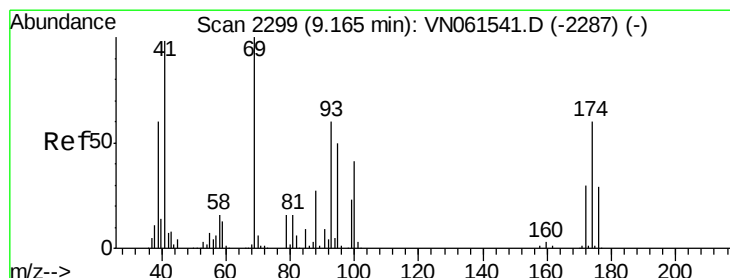
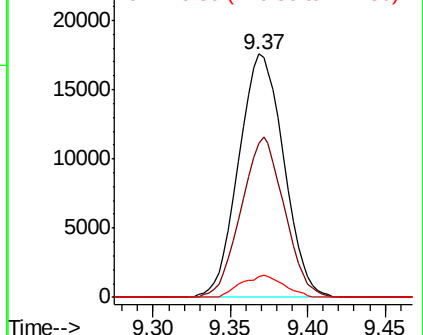
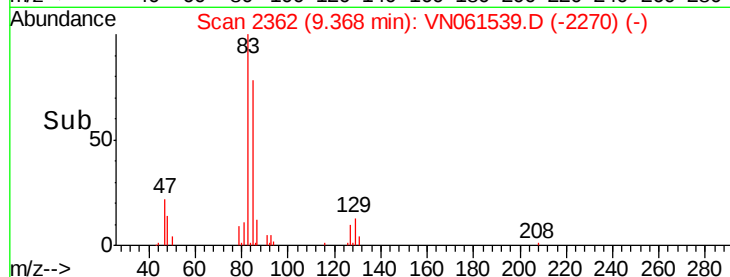
127 8.3 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061539.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061539.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061539.D (-2270) (-)



#48

Methyl methacrylate

Concen: 4.557 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

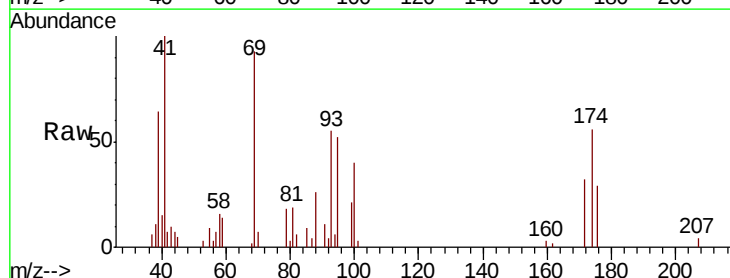
Tgt Ion: 41 Resp: 19741

Ion Ratio Lower Upper

41 100

69 98.1 83.9 125.9

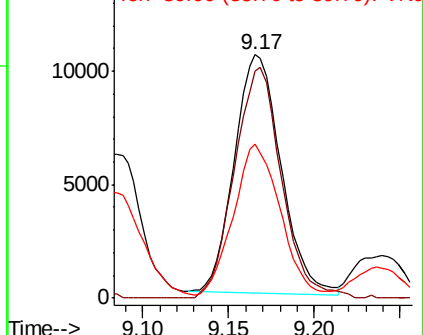
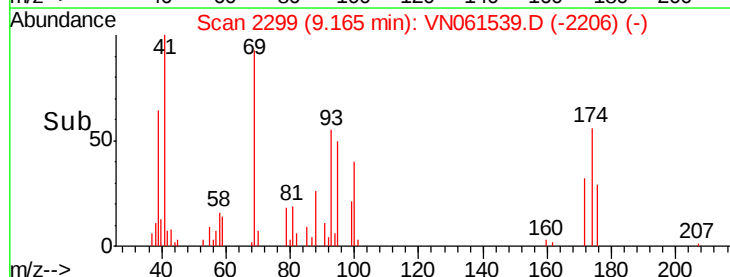
39 66.2 52.1 78.1

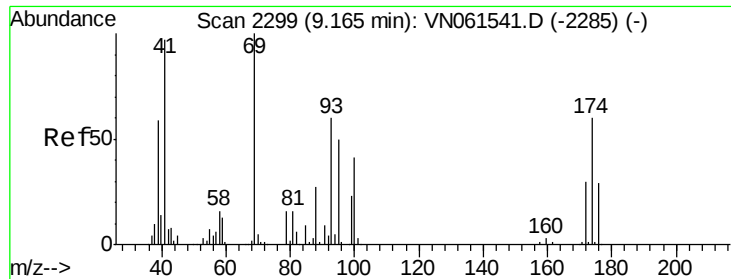


Abundance Ion 41.00 (40.70 to 41.70): VN061539.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061539.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061539.D (-2206) (-)

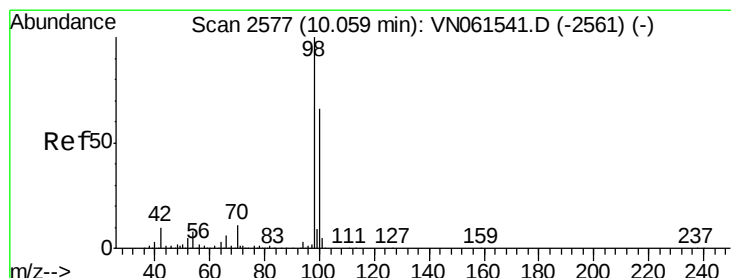
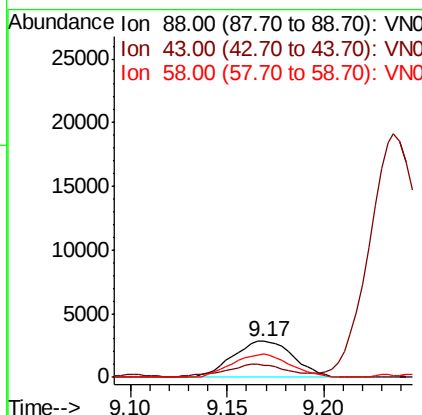
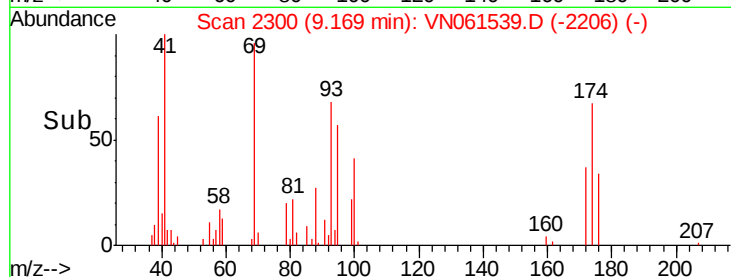
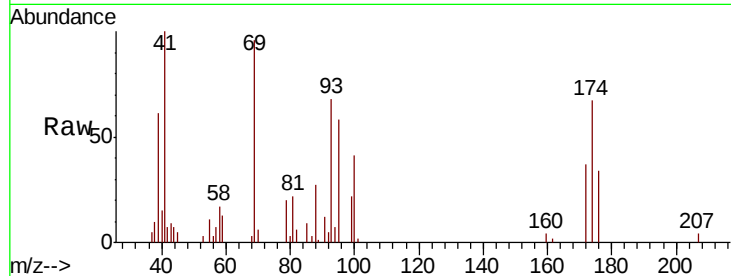




#49
1,4-Dioxane
Concen: 113.479 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

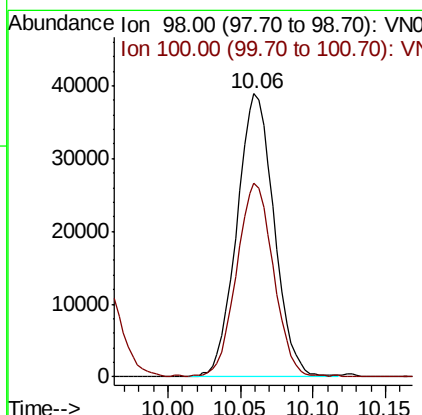
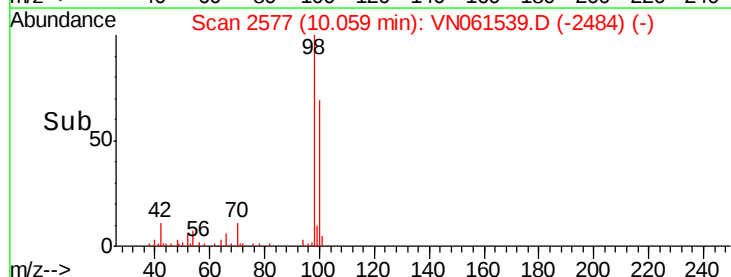
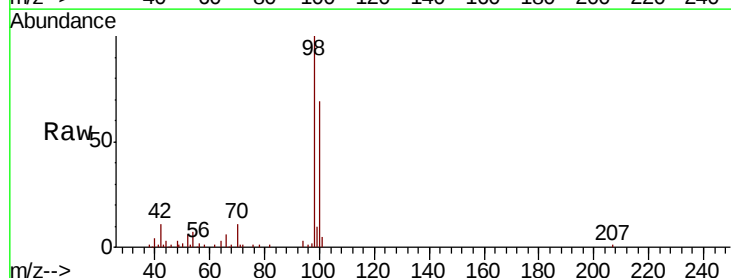
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

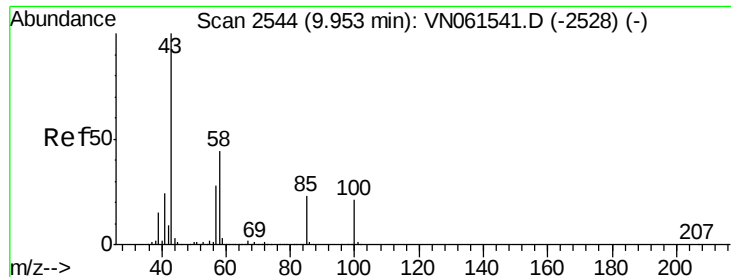
Tot Ion: 88 Resp: 6156
Ion Ratio Lower Upper
88 100
43 37.9 23.1 34.7#
58 61.2 48.3 72.5



#50
Toluene-d8
Concen: 4.368 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 98 Resp: 69564
Ion Ratio Lower Upper
98 100
100 67.8 52.8 79.2

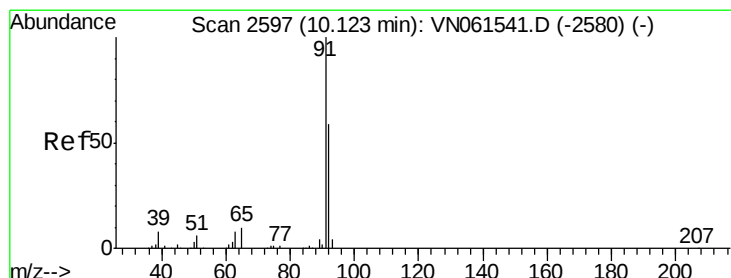
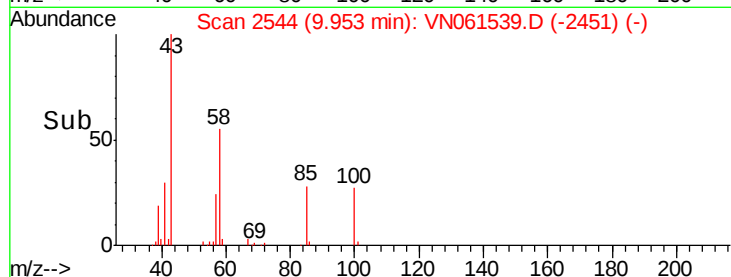
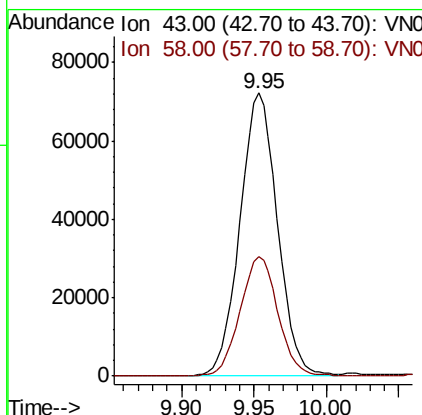
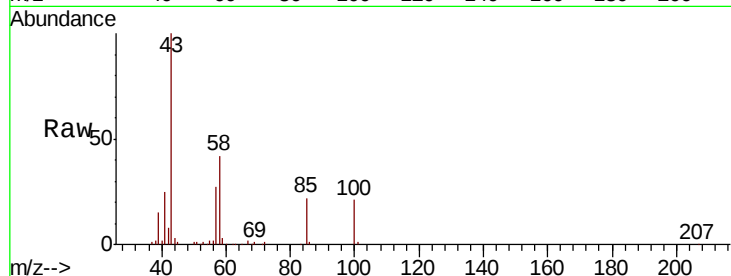




#51
 4-Methyl-2-Pentanone
 Concen: 25.068 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

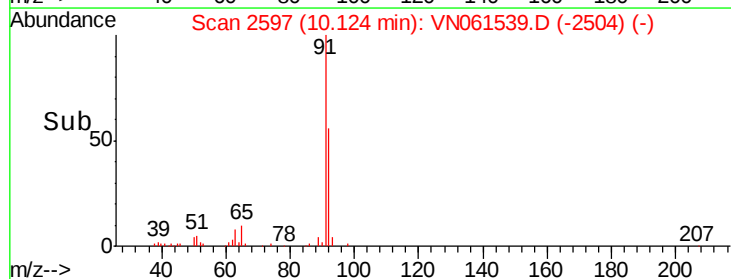
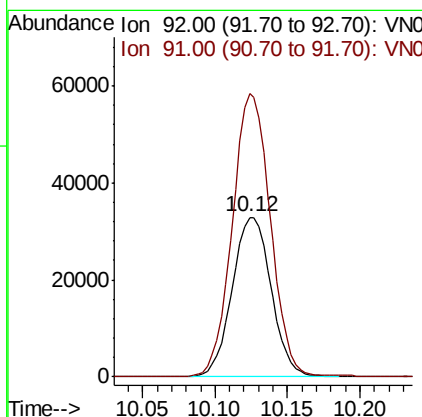
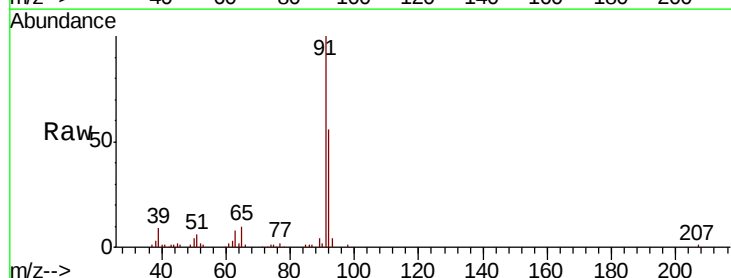
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

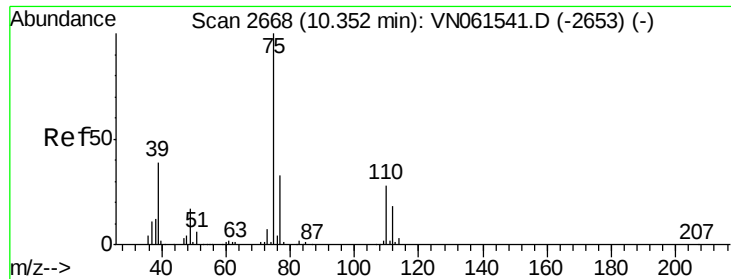
Tot Ion: 43 Resp: 129053
 Ion Ratio Lower Upper
 43 100
 58 42.8 35.0 52.6



#52
 Toluene
 Concen: 5.236 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 92 Resp: 61338
 Ion Ratio Lower Upper
 92 100
 91 173.6 136.4 204.6

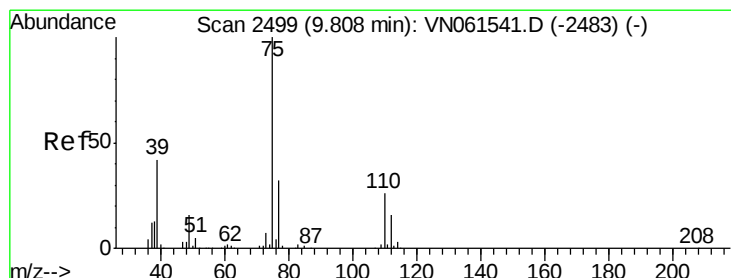
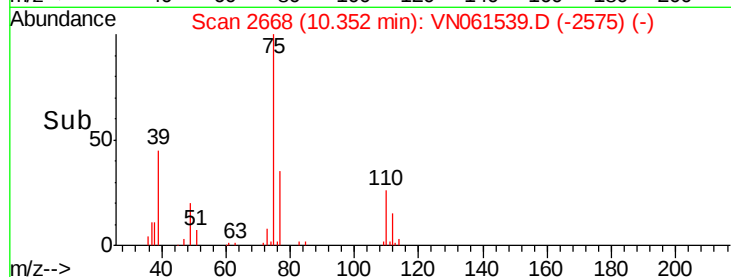
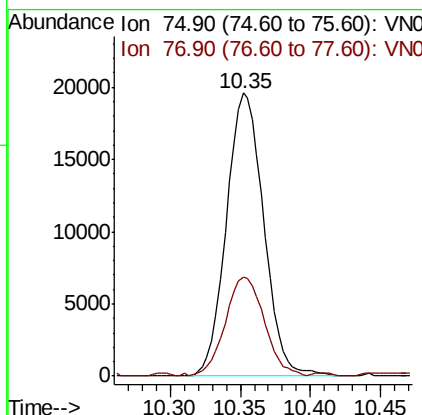
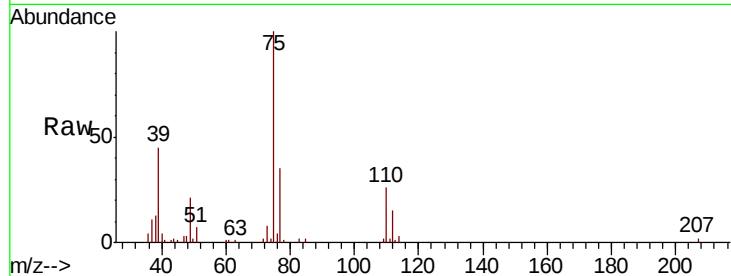




#53
t-1,3-Dichloropropene
Concen: 4.963 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

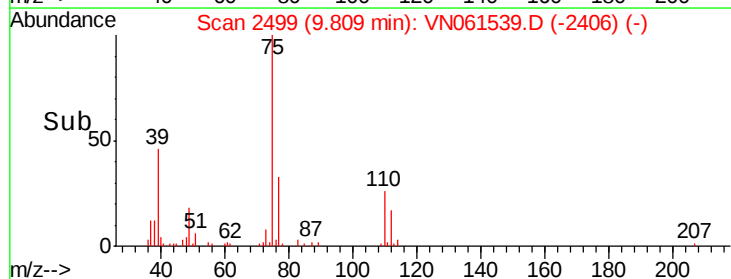
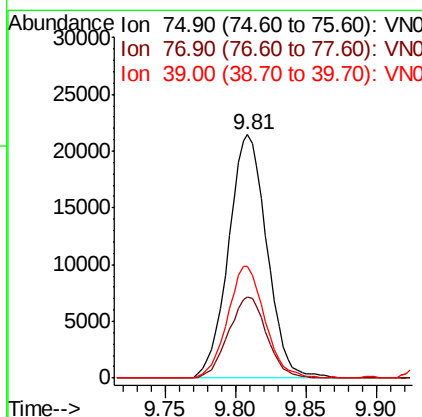
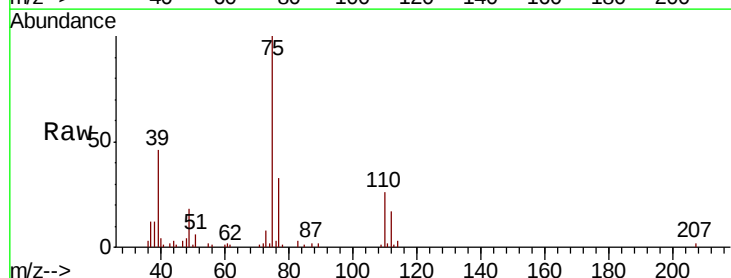
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

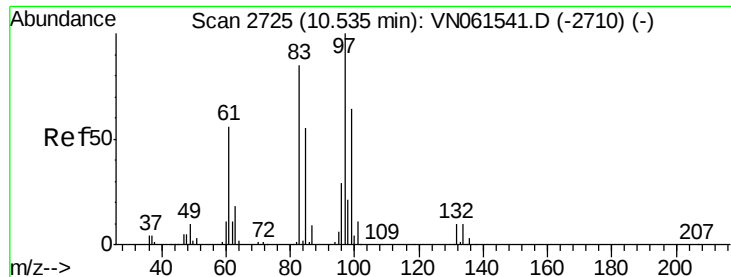
Tot Ion: 75 Resp: 36269
Ion Ratio Lower Upper
75 100
77 35.1 26.2 39.4



#54
cis-1,3-Dichloropropene
Concen: 5.222 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 75 Resp: 40786
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2
39 45.7 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 5.759 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 97 Resp: 25602

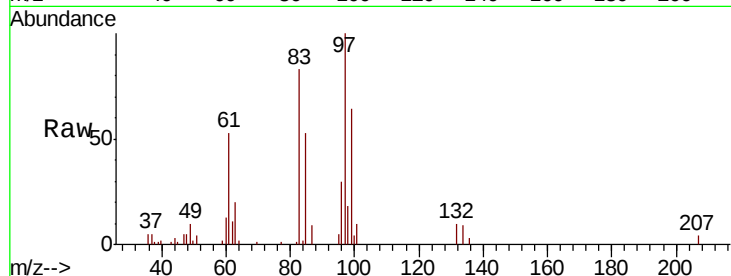
Ion Ratio Lower Upper

97 100

83 82.7 68.1 102.1

85 53.4 44.1 66.1

99 63.6 51.1 76.7

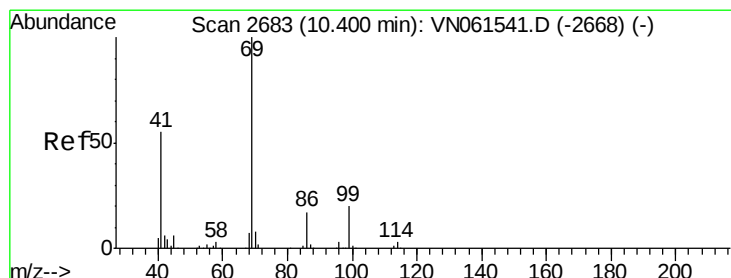
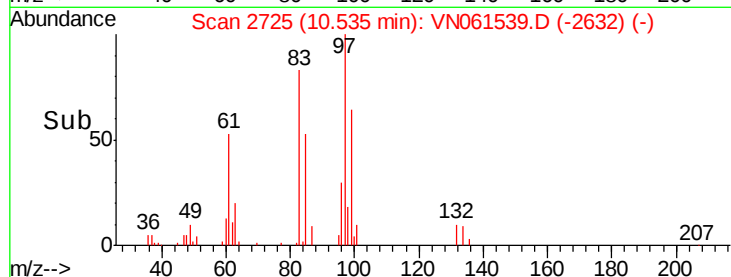
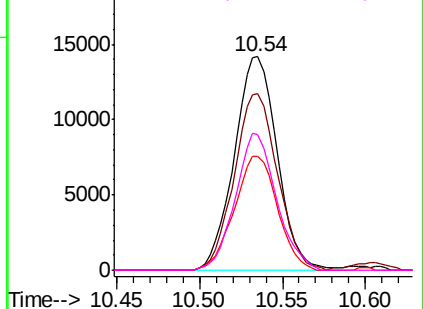


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 4.865 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

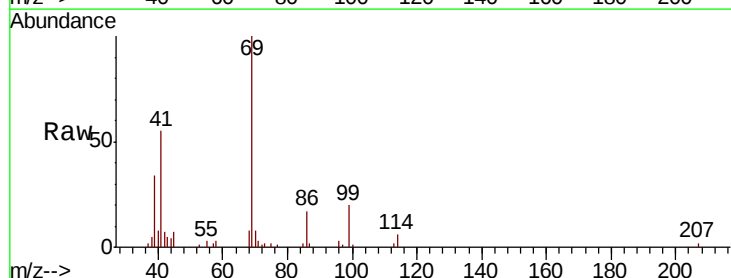
Tgt Ion: 69 Resp: 33400

Ion Ratio Lower Upper

69 100

41 58.2 43.5 65.3

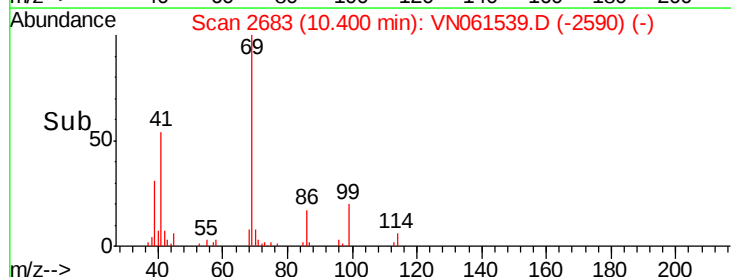
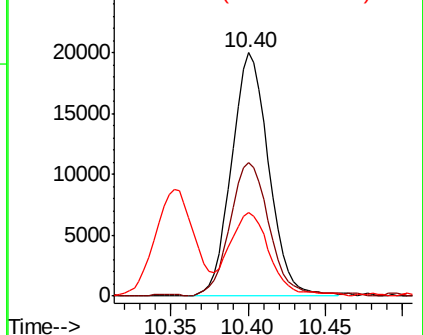
39 37.4 27.0 40.6

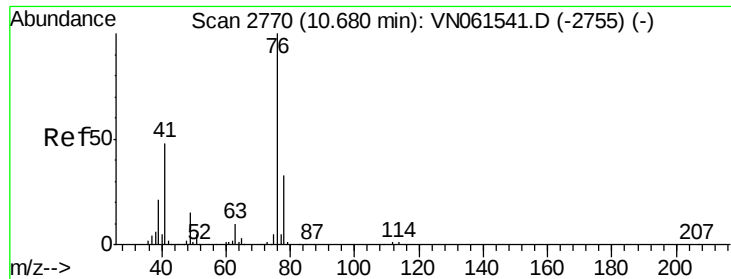


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

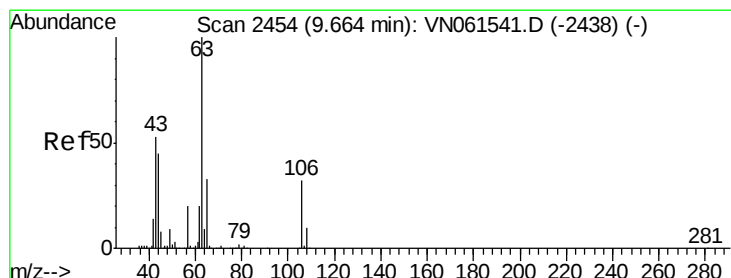
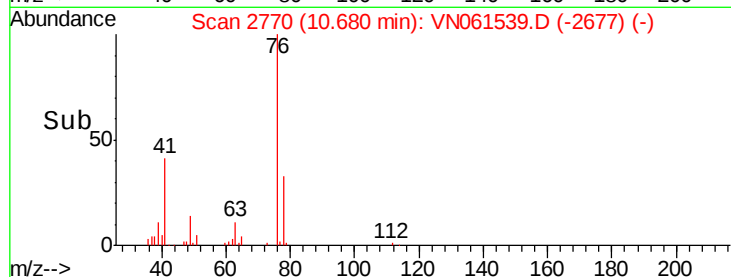
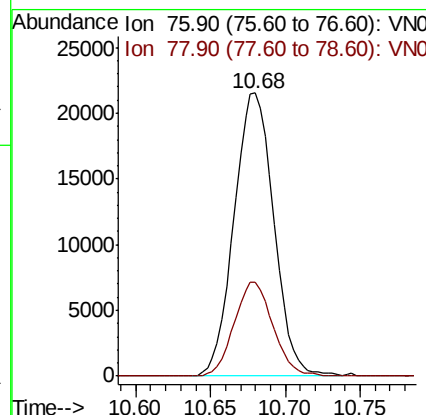
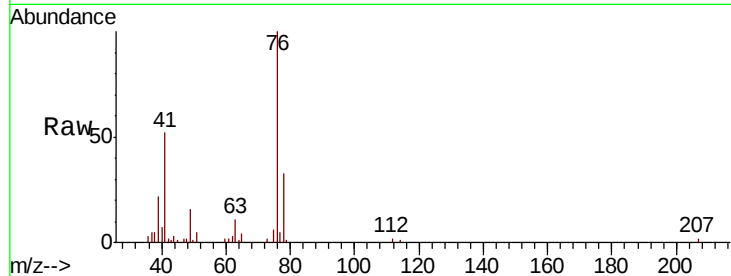




#57
 1,3-Dichloropropane
 Concen: 5.244 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

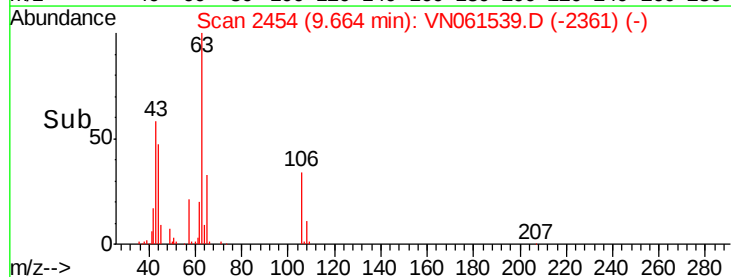
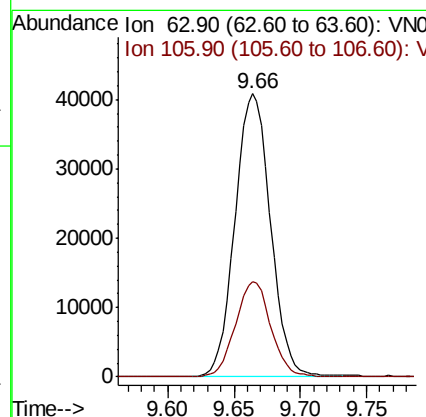
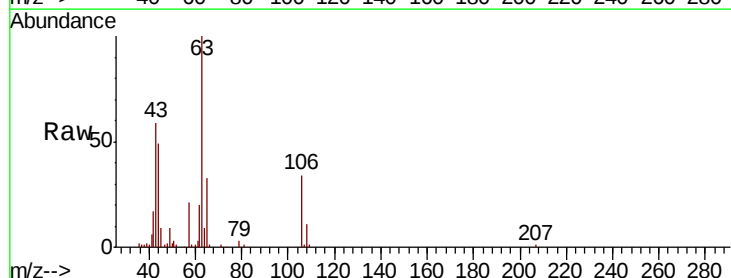
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

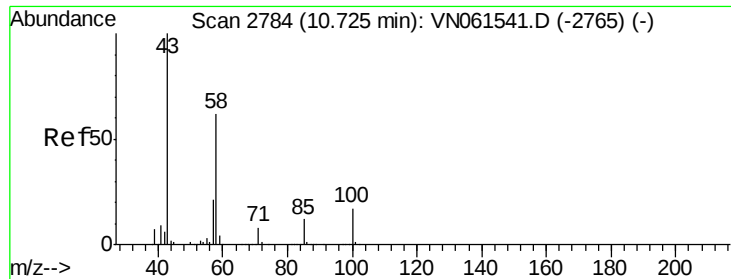
Tot Ion: 76 Resp: 39894
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.279 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 63 Resp: 76120
 Ion Ratio Lower Upper
 63 100
 106 33.3 25.9 38.9

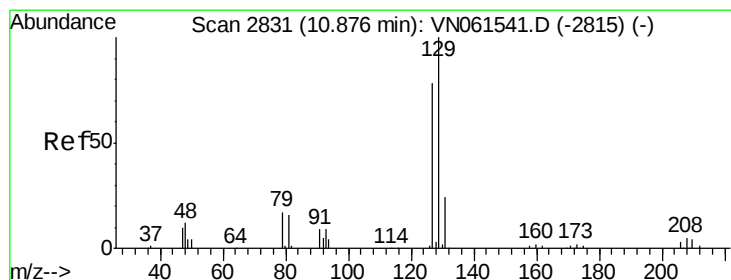
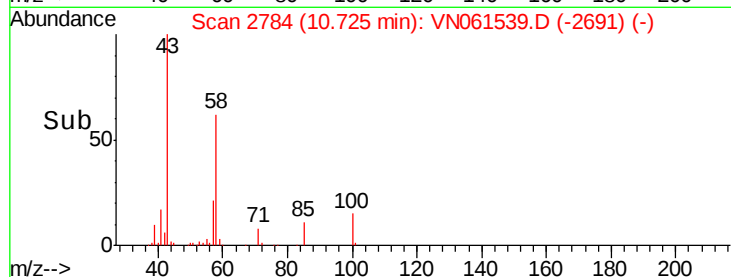
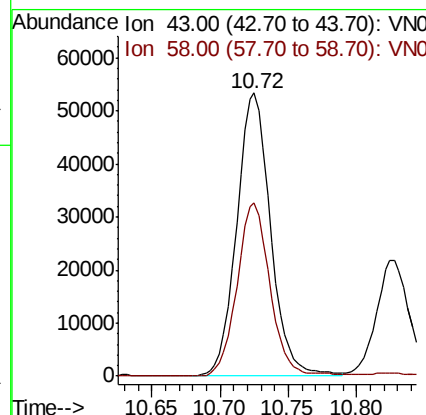
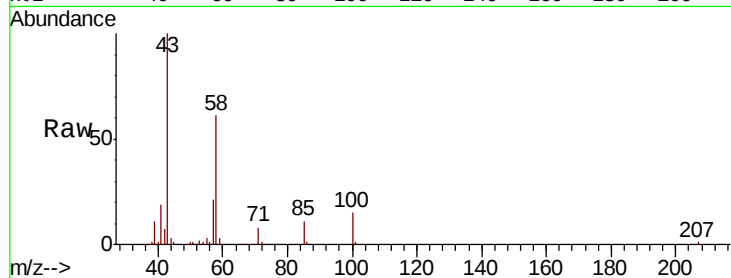




#59
2-Hexanone
Concen: 24.480 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

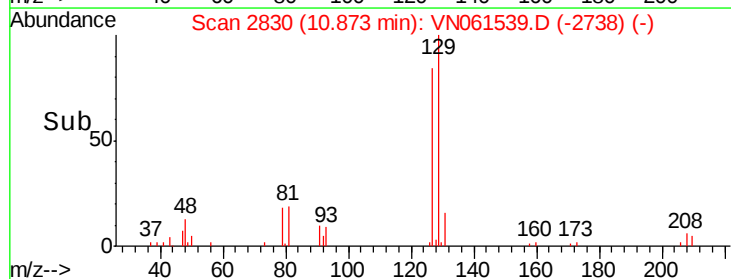
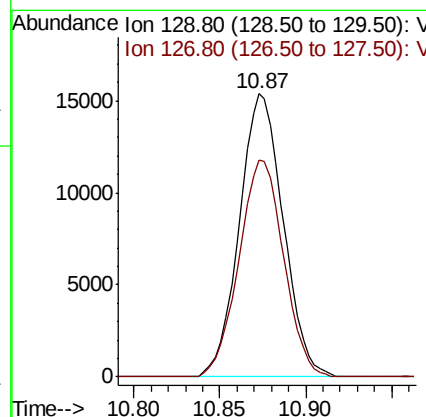
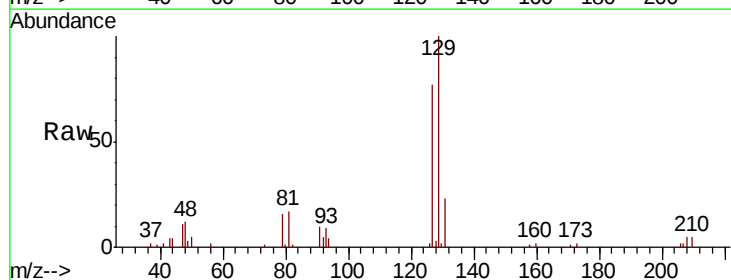
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

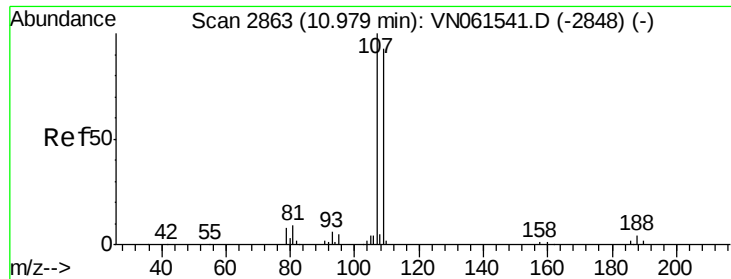
Tot Ion: 43 Resp: 91127
Ion Ratio Lower Upper
43 100
58 59.7 30.7 92.1



#60
Dibromochloromethane
Concen: 5.502 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 129 Resp: 27270
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.3

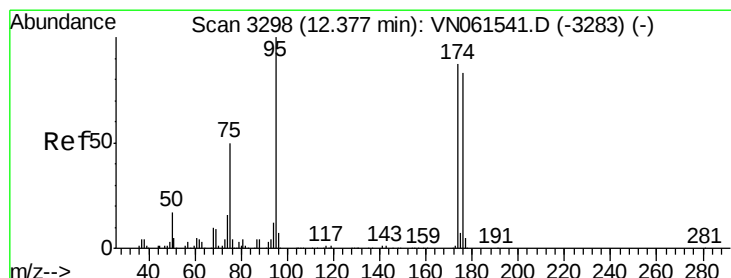
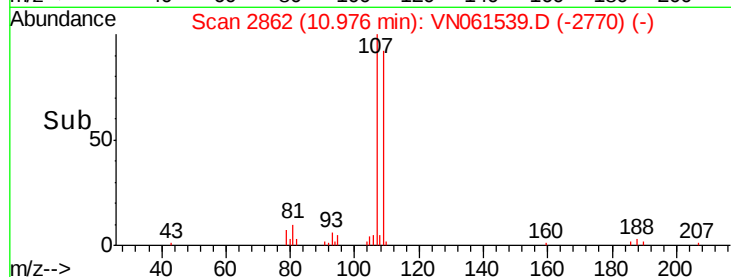
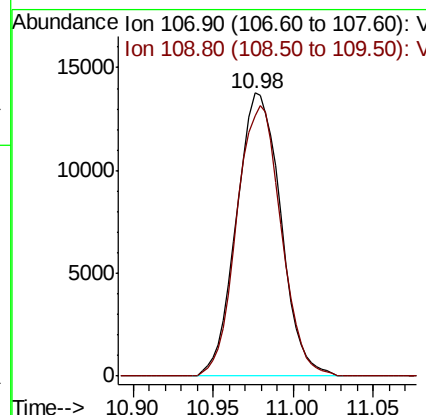
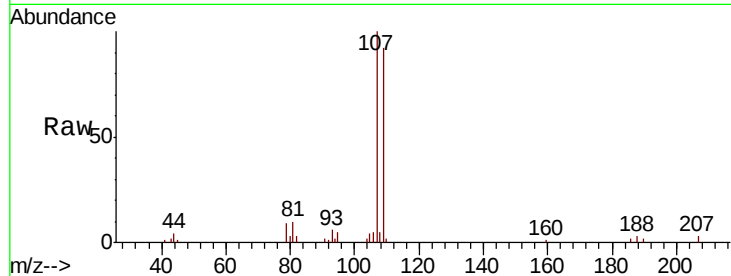




#61
 1,2-Dibromoethane
 Concen: 5.541 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

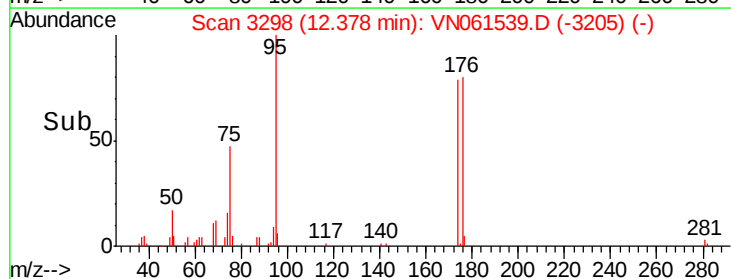
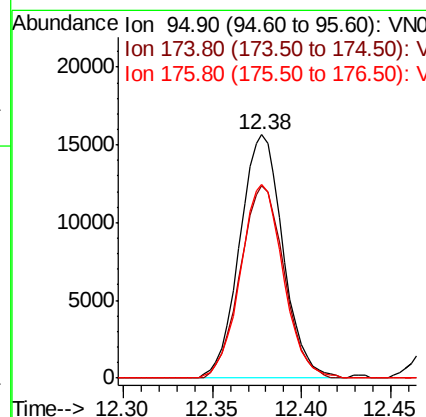
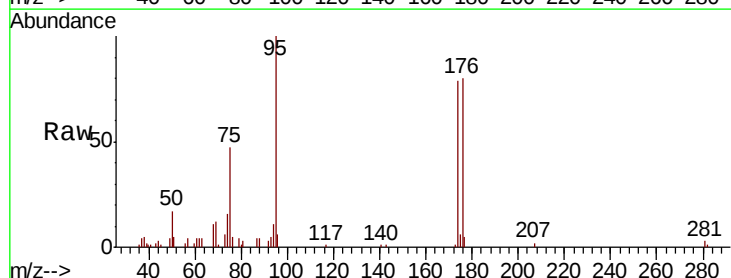
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

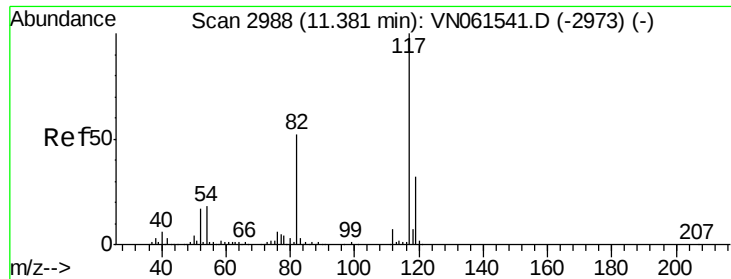
Tot Ion: 107 Resp: 25967
 Ion Ratio Lower Upper
 107 100
 109 95.9 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 4.486 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 95 Resp: 26401
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 172.8
 176 79.1 0.0 164.8

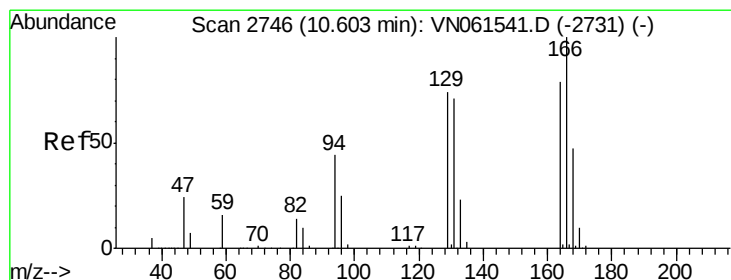
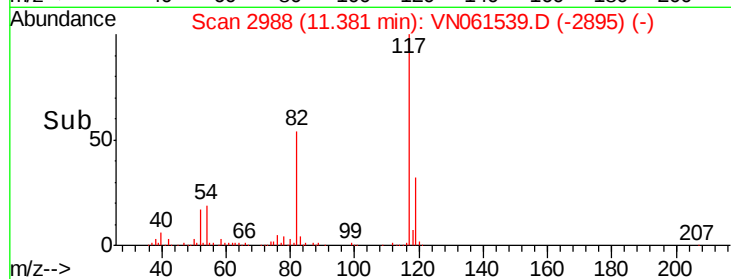
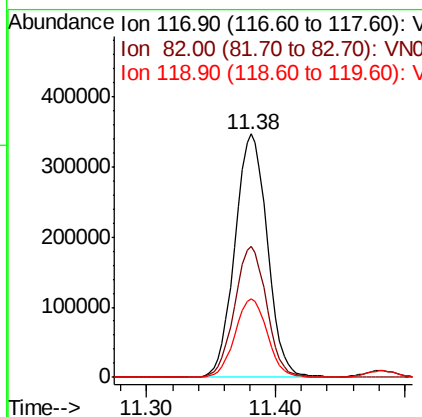
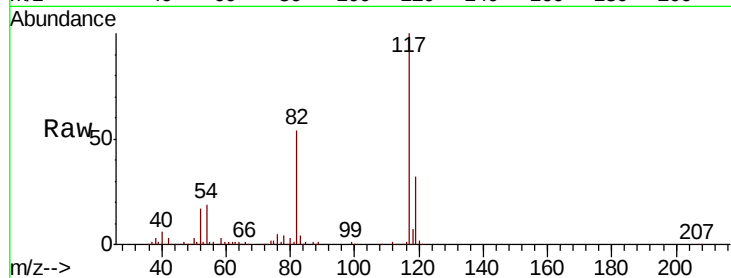




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

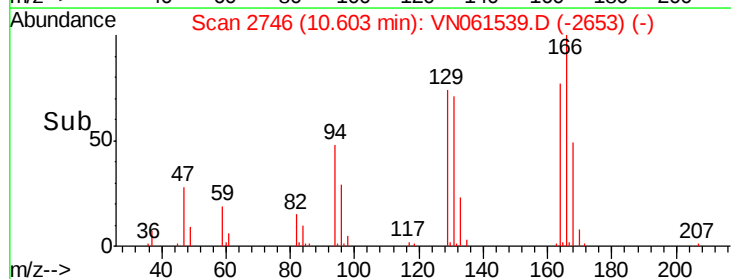
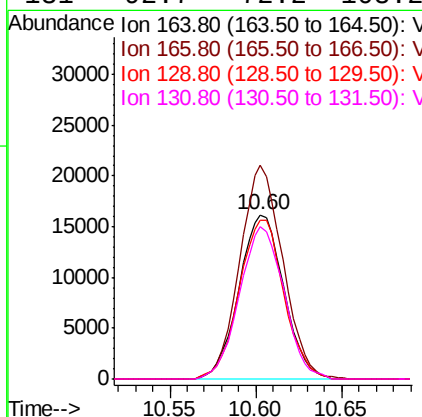
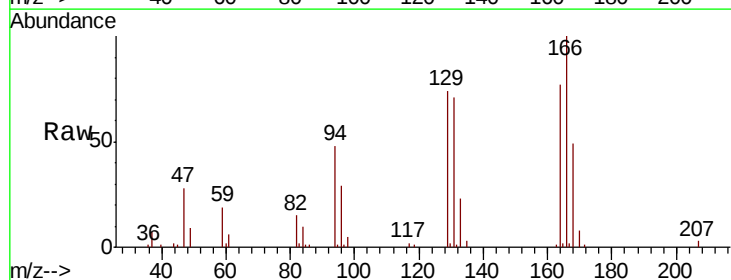
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

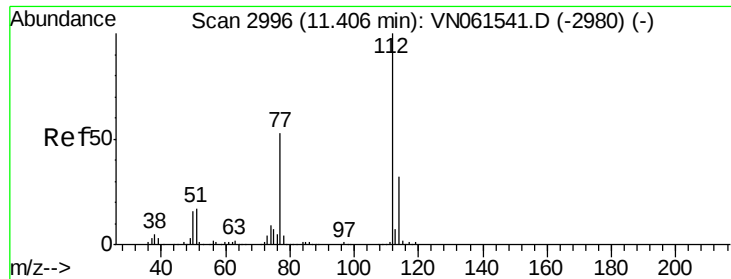
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.5	62.3
119	32.4	25.6	38.4



#64
Tetrachloroethene
Concen: 6.034 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	101.5	152.3
129	96.7	74.9	112.3
131	92.7	72.2	108.2

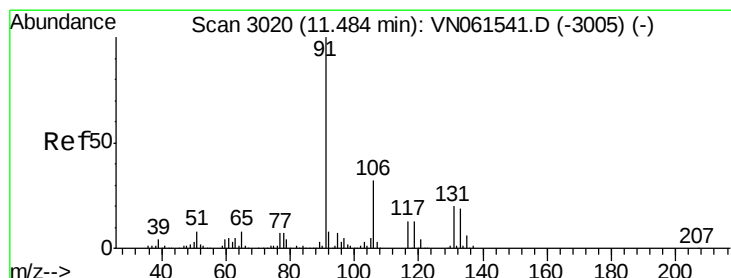
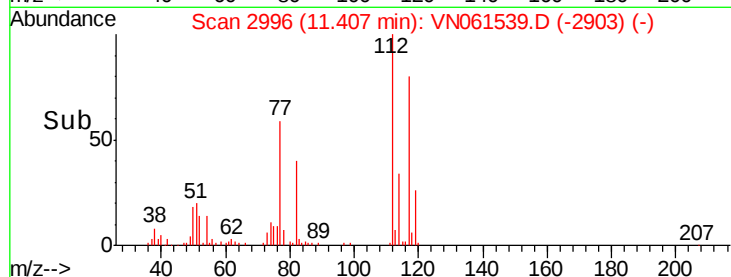
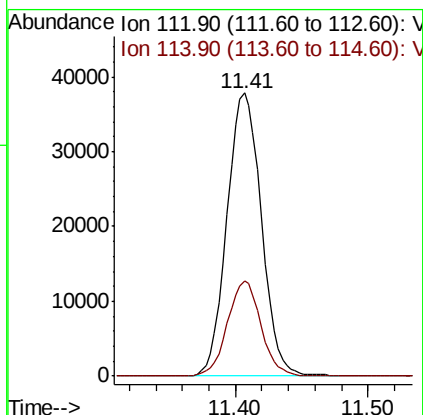
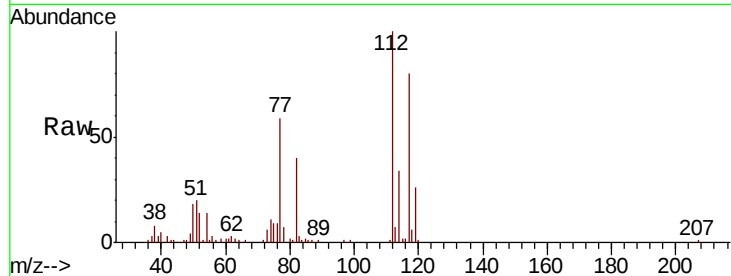




#65
Chlorobenzene
Concen: 5.530 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

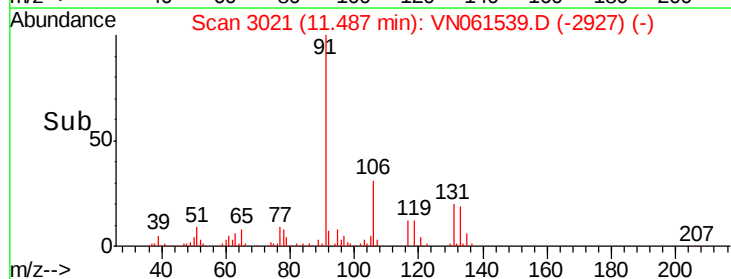
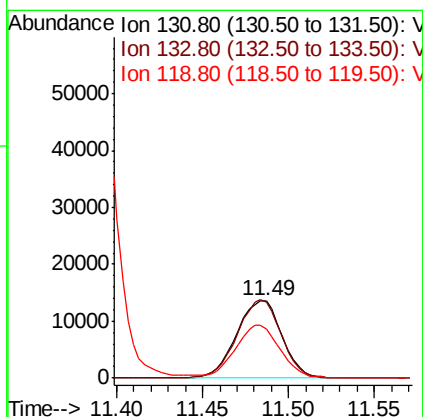
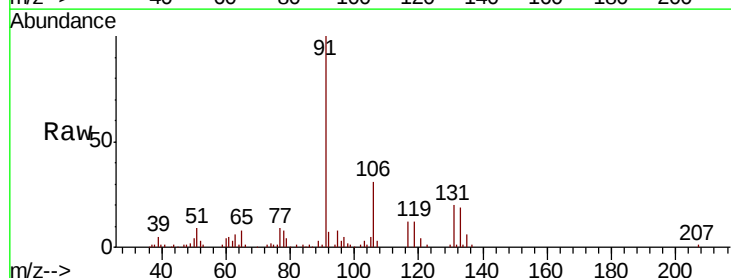
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

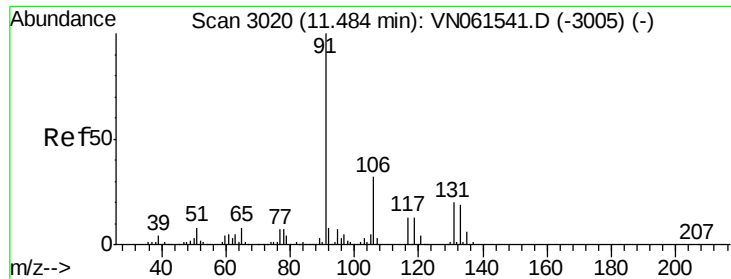
Tot Ion:112 Resp: 68126
Ion Ratio Lower Upper
112 100
114 33.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 5.599 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion:131 Resp: 24885
Ion Ratio Lower Upper
131 100
133 98.1 47.4 142.2
119 67.9 32.6 97.8

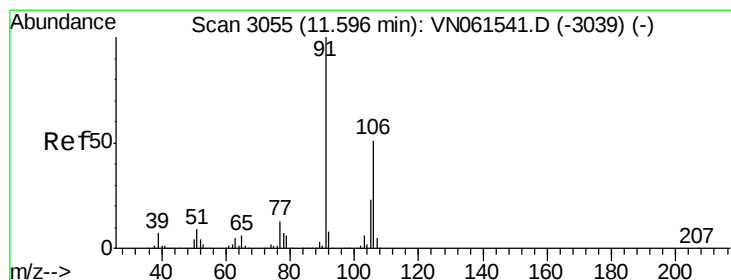
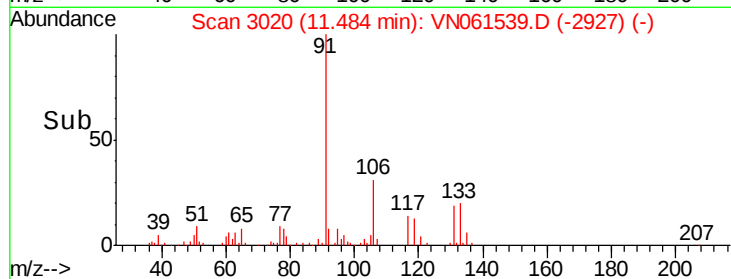
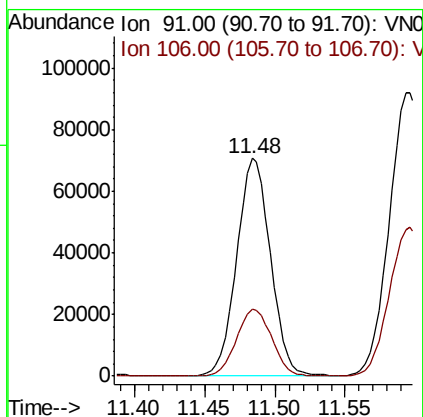
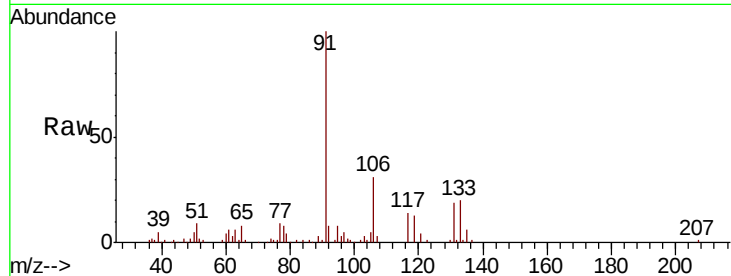




#67
Ethyl Benzene
Concen: 5.363 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

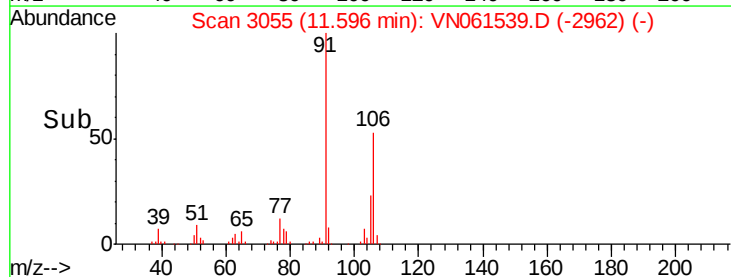
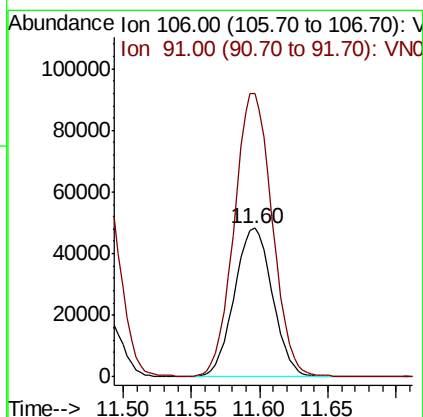
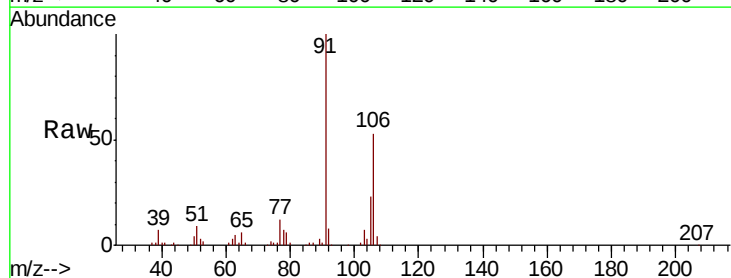
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

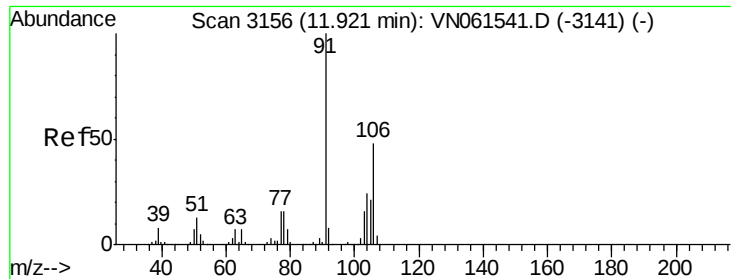
Tot Ion: 91 Resp: 119138
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4



#68
m/p-Xylenes
Concen: 11.043 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 106 Resp: 93762
Ion Ratio Lower Upper
106 100
91 189.2 156.2 234.4

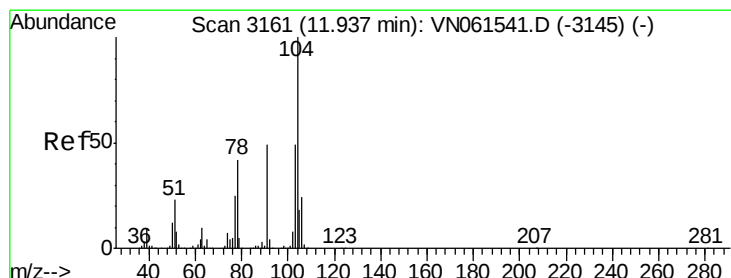
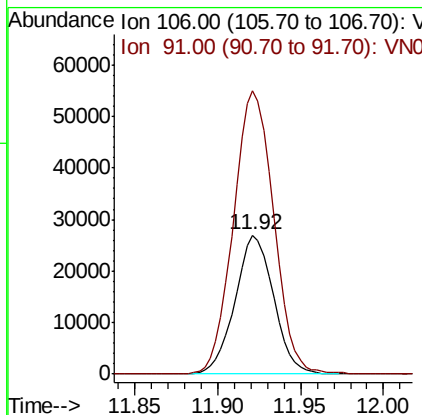
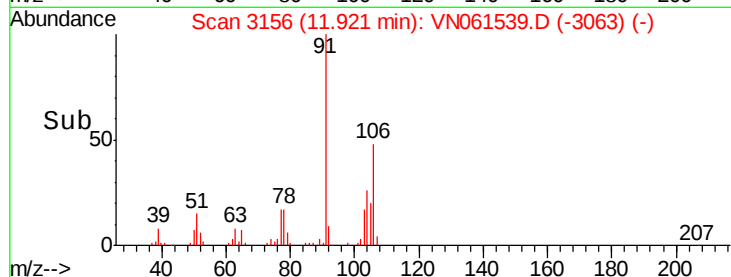
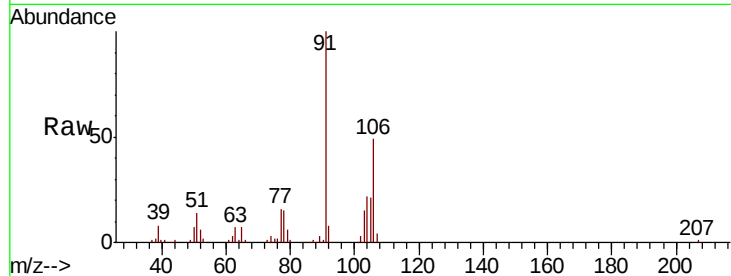




#69
o-Xylene
Concen: 5.326 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

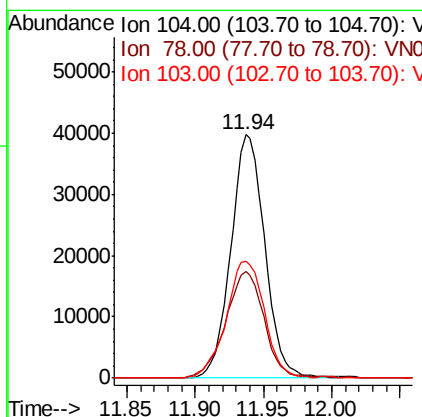
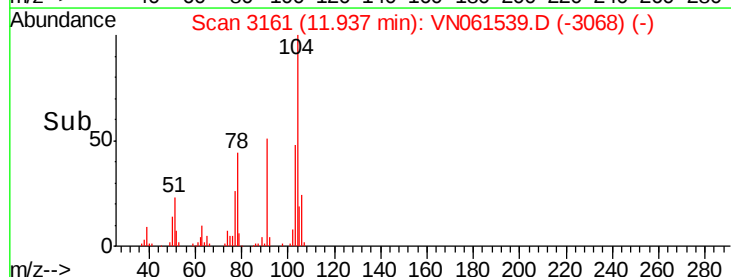
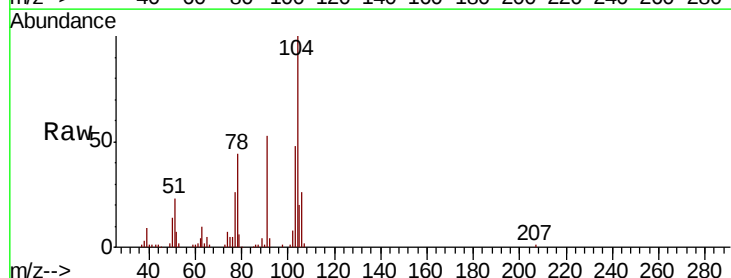
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

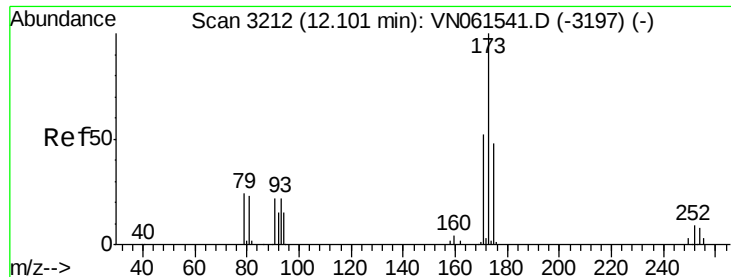
Tot Ion:106 Resp: 43768
Ion Ratio Lower Upper
106 100
91 213.0 103.3 309.8



#70
Styrene
Concen: 5.067 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion:104 Resp: 68825
Ion Ratio Lower Upper
104 100
78 49.4 37.4 56.0
103 54.0 42.3 63.5





#71

Bromoform

Concen: 5.898 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

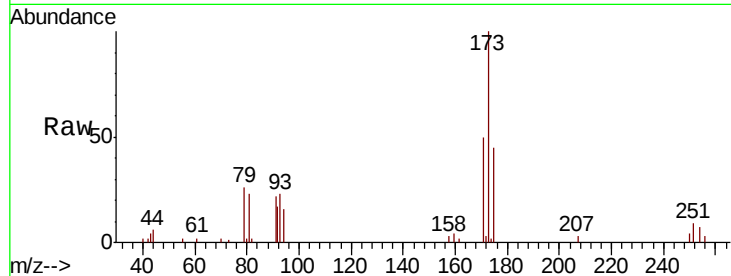
Tot Ion:173 Resp: 18746

Ion Ratio Lower Upper

173 100

175 48.3 24.4 73.2

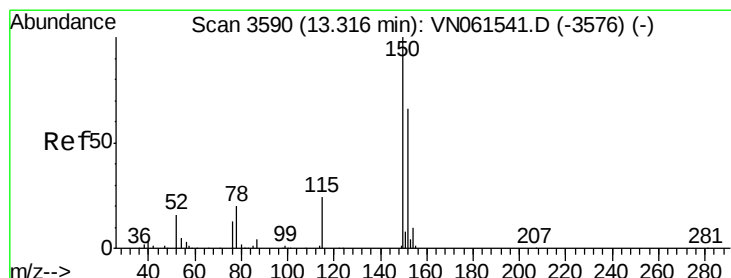
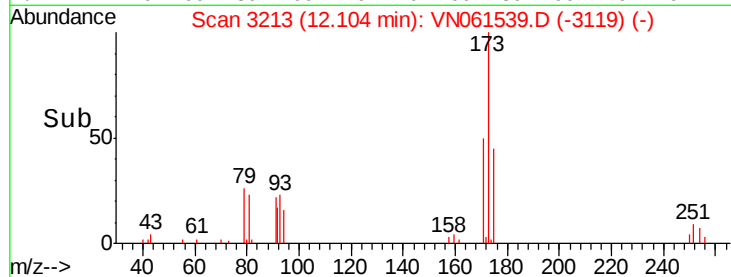
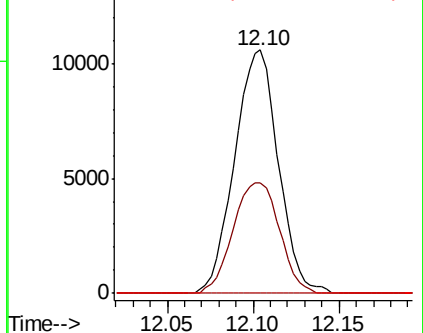
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

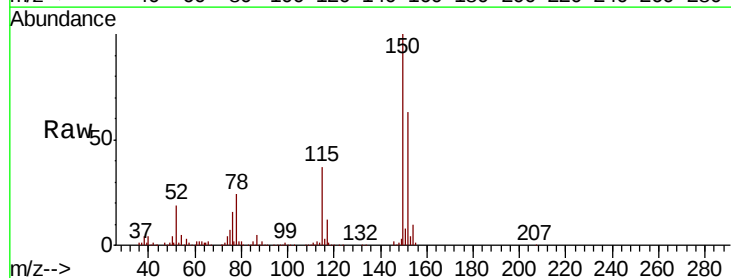
Tgt Ion:152 Resp: 271941

Ion Ratio Lower Upper

152 100

115 58.3 28.0 84.0

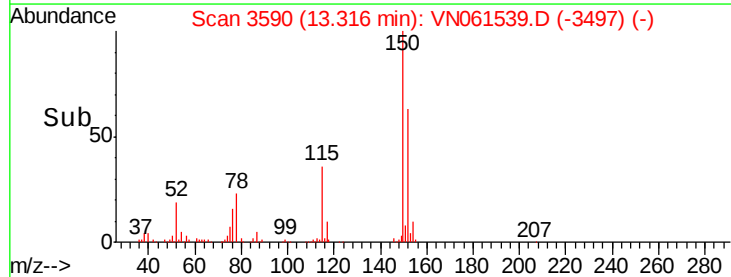
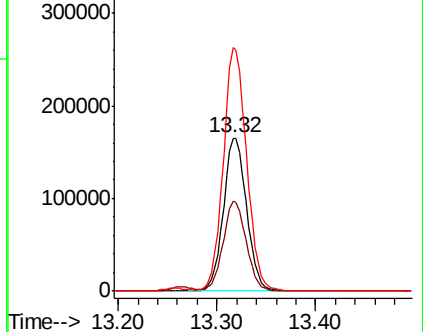
150 159.5 0.0 344.0

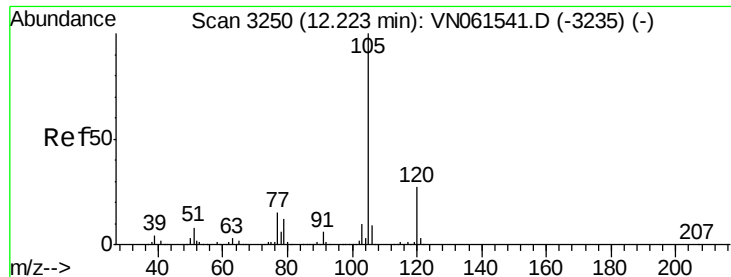


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.402 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

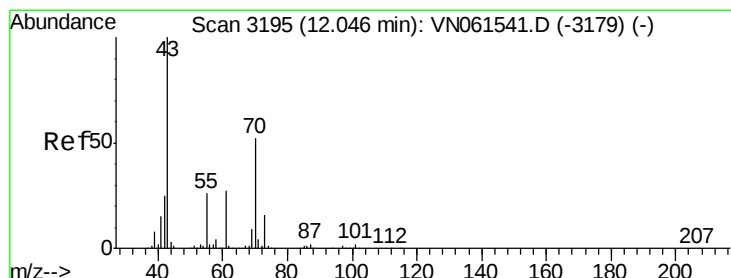
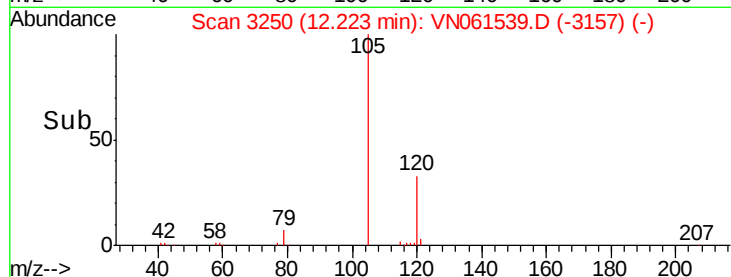
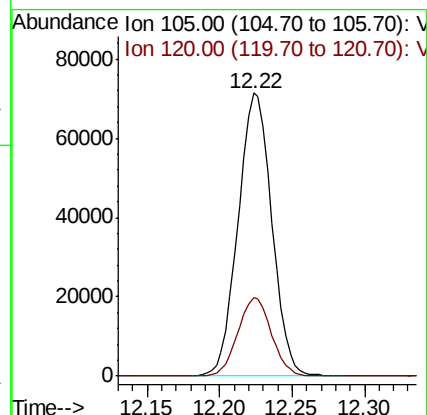
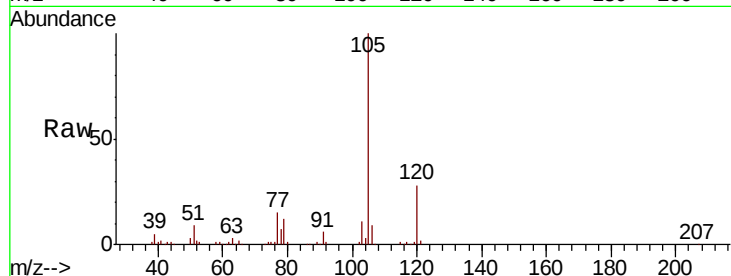
VSTDIC005

Tot Ion:105 Resp: 115448

Ion Ratio Lower Upper

105 100

120 27.6 13.8 41.3



#74

N-ethyl acetate

Concen: 4.697 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Tgt Ion: 43 Resp: 36146

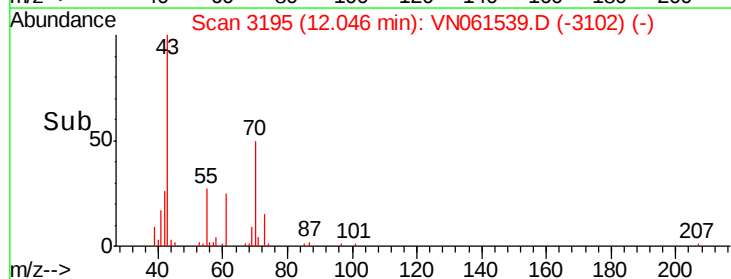
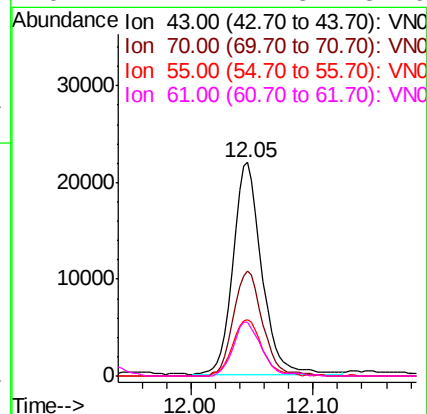
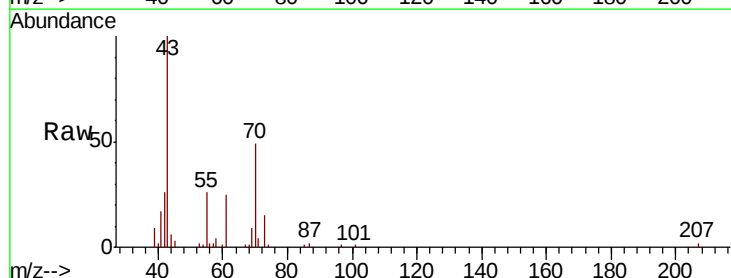
Ion Ratio Lower Upper

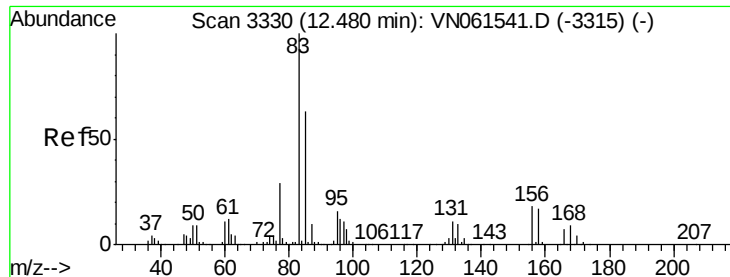
43 100

70 50.7 40.5 60.7

55 26.9 20.6 31.0

61 24.4 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.567 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

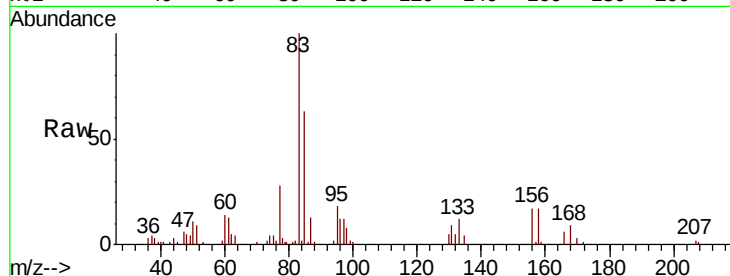
Tot Ion: 83 Resp: 32755

Ion Ratio Lower Upper

83 100

131 10.1 5.5 16.5

85 65.3 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061539.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061539.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061539.D (-3237) (-)

12.48

20000

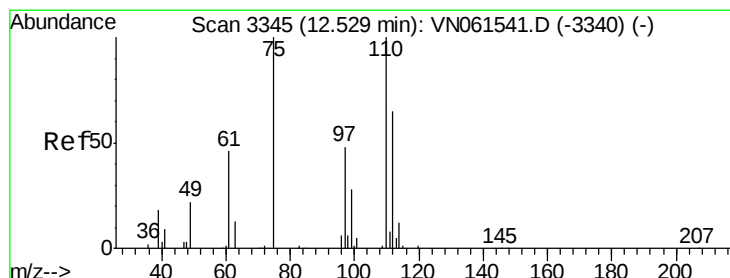
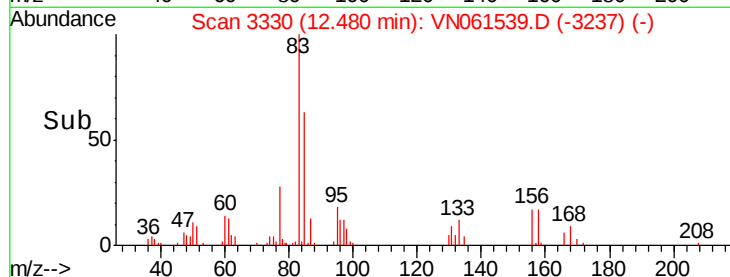
15000

10000

5000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 7.648 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061539.D

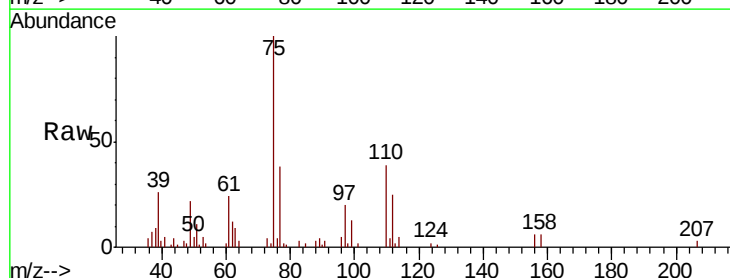
Acq: 28 May 2020 18:09

Tgt Ion: 75 Resp: 43295

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061539.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061539.D (-3252) (-)

12.53

30000

25000

20000

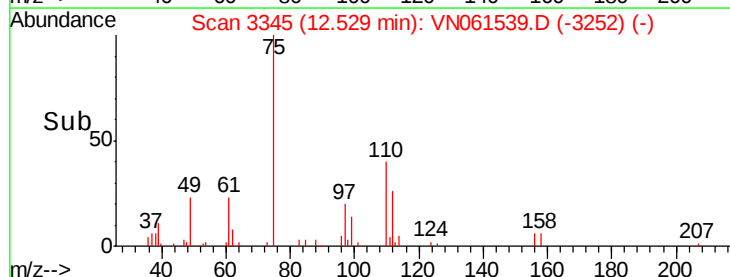
15000

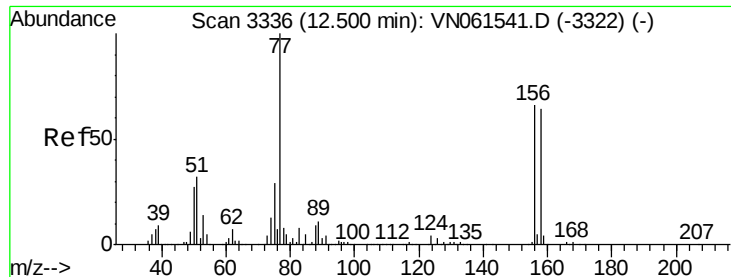
10000

5000

0

Time--> 12.50 12.55 12.60





#77

Bromobenzene

Concen: 5.830 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

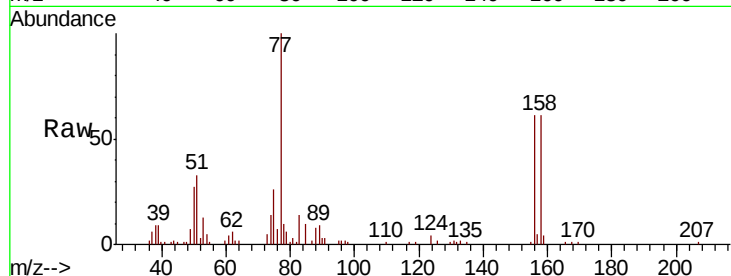
Tot Ion:156 Resp: 27772

Ion Ratio Lower Upper

156 100

77 198.9 90.9 272.7

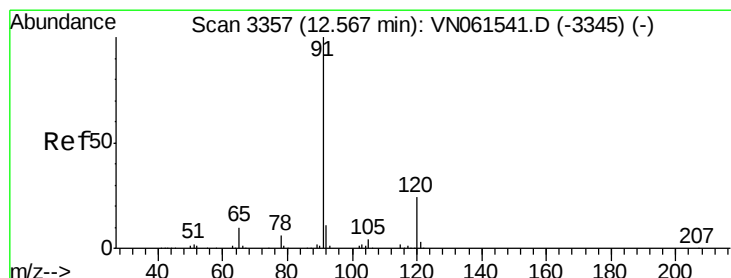
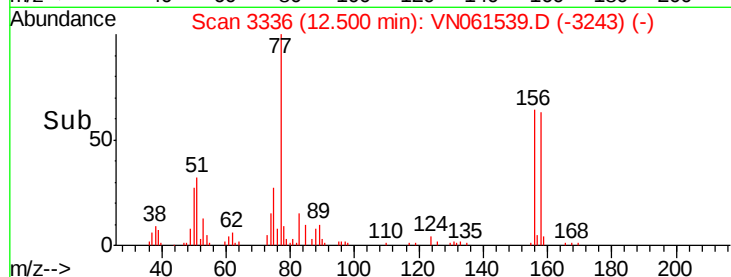
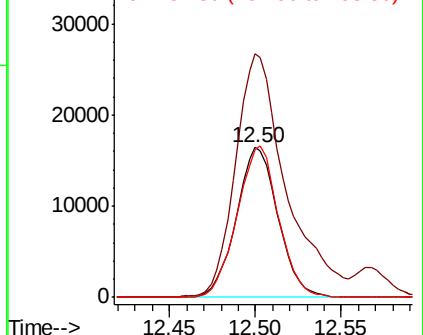
158 100.1 48.4 145.3



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: 5.195 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061539.D

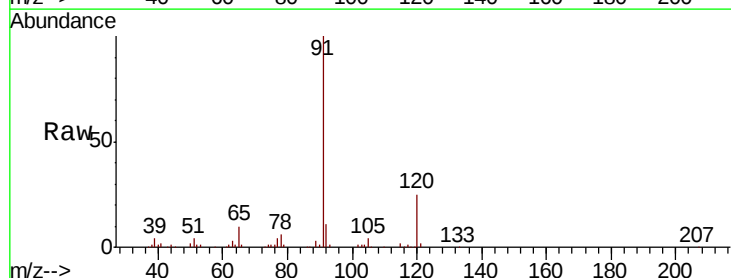
Acq: 28 May 2020 18:09

Tgt Ion: 91 Resp: 125750

Ion Ratio Lower Upper

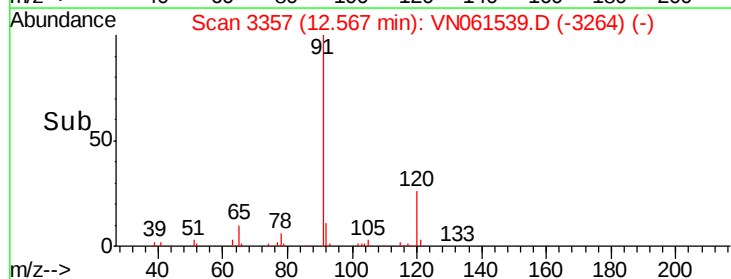
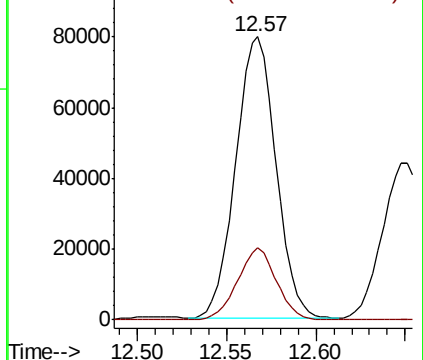
91 100

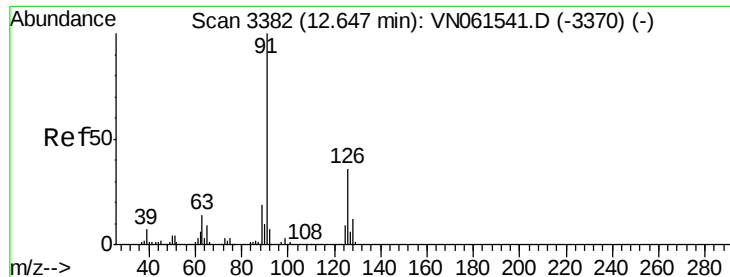
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

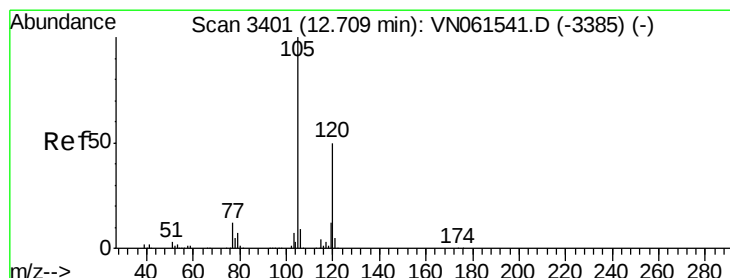
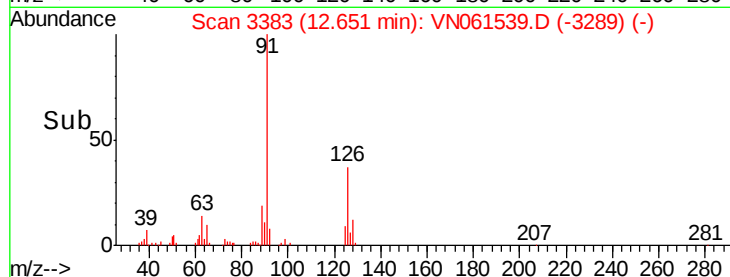
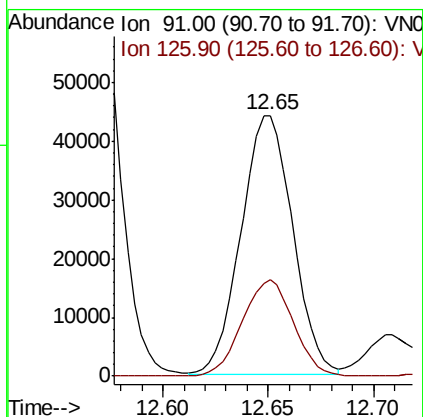
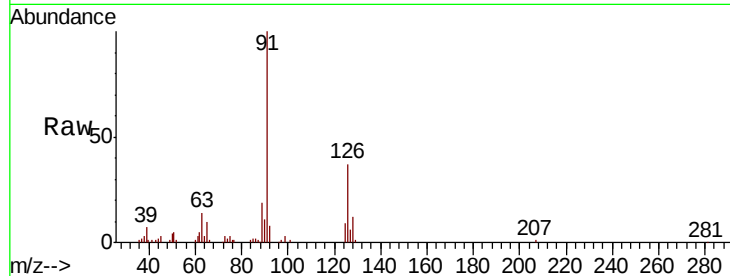




#79
 2-Chlorotoluene
 Concen: 5.218 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

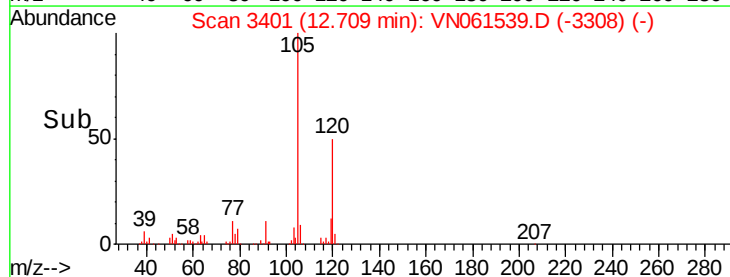
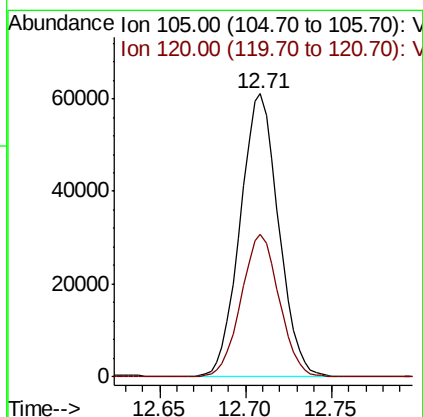
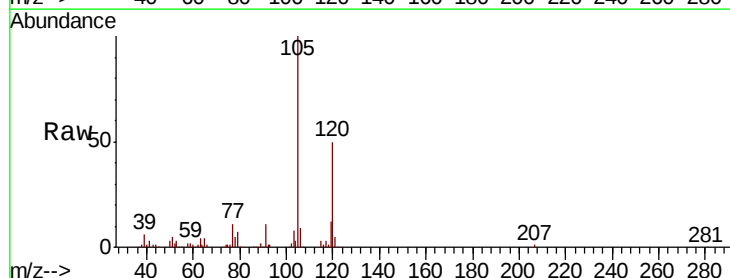
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

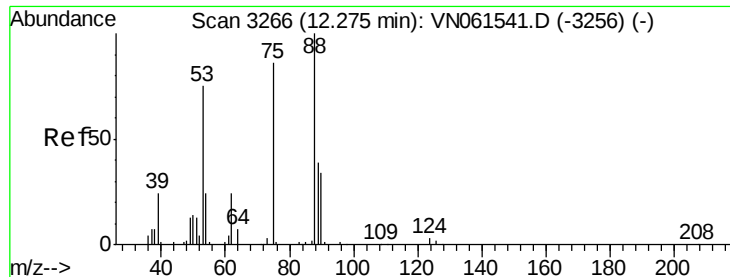
Tot Ion: 91 Resp: 74928
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 5.409 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion: 105 Resp: 94720
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 4.886 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

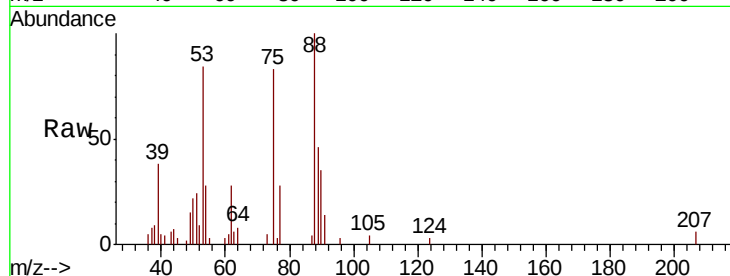
Tot Ion: 75 Resp: 10511

Ion Ratio Lower Upper

75 100

53 98.0 67.8 101.8

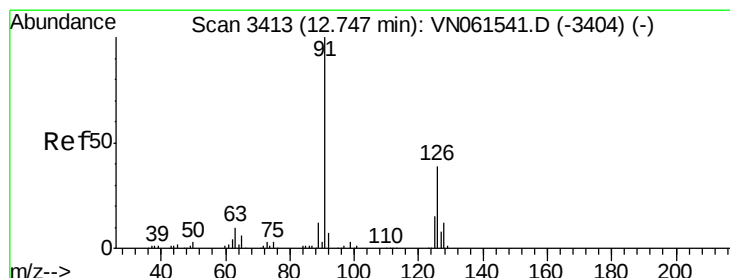
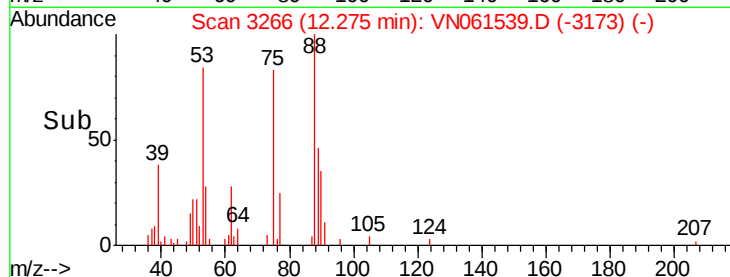
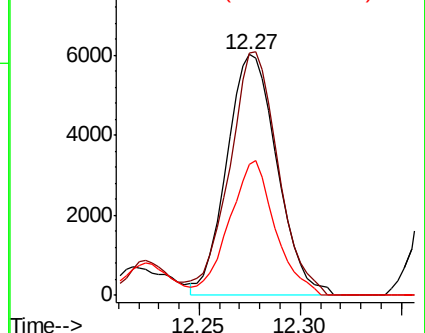
89 51.0 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN061541.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN061541.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 5.245 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061539.D

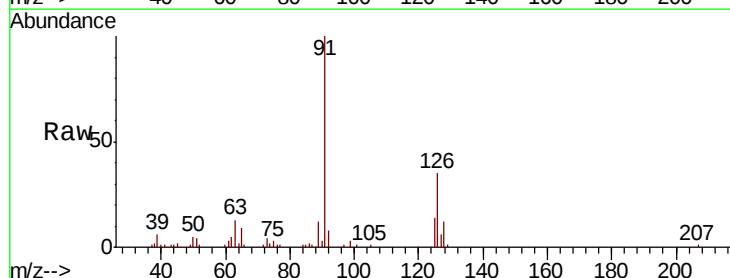
Acq: 28 May 2020 18:09

Tgt Ion: 91 Resp: 77961

Ion Ratio Lower Upper

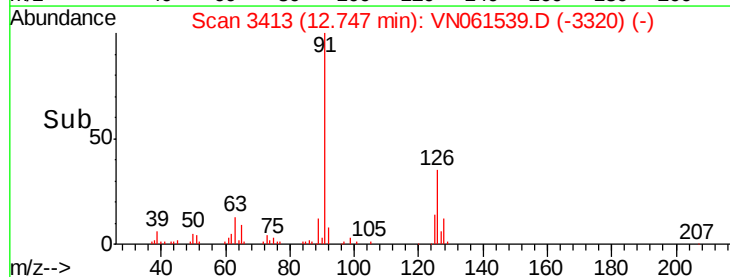
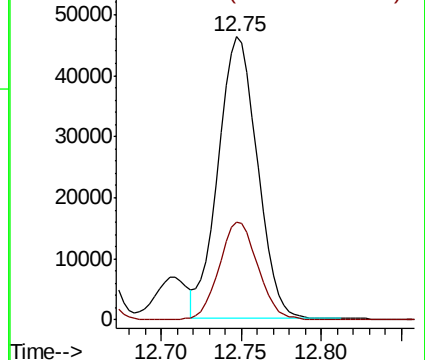
91 100

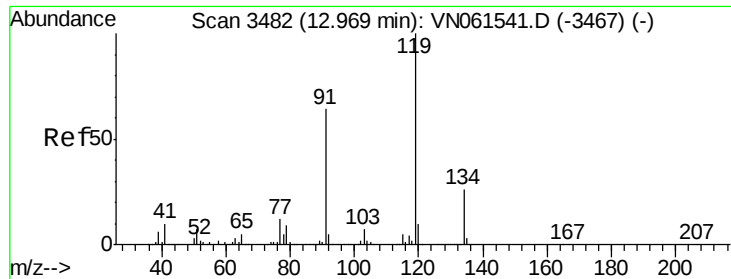
126 34.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN061541.D (-3404) (-)

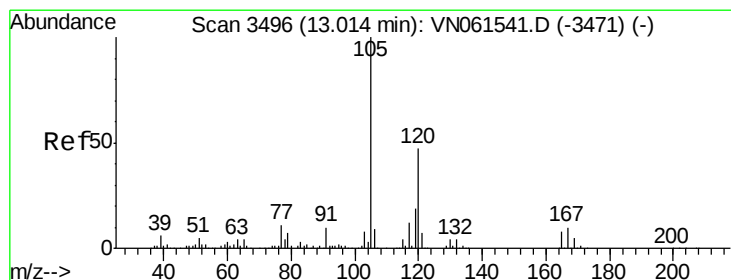
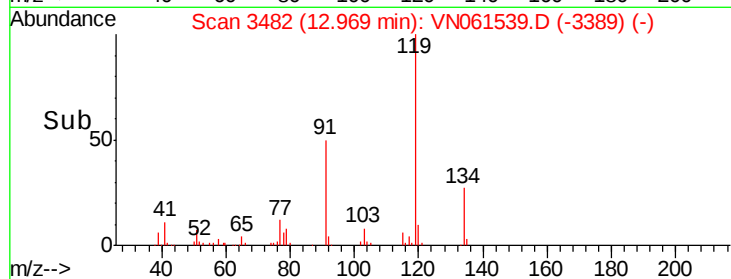
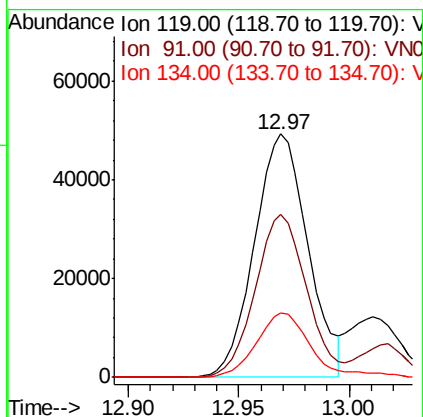
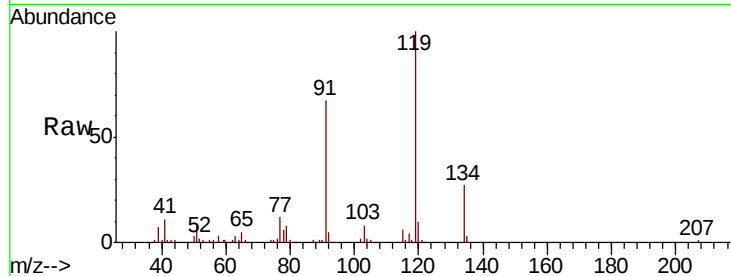




#83
tert-Butylbenzene
Concen: 5.515 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

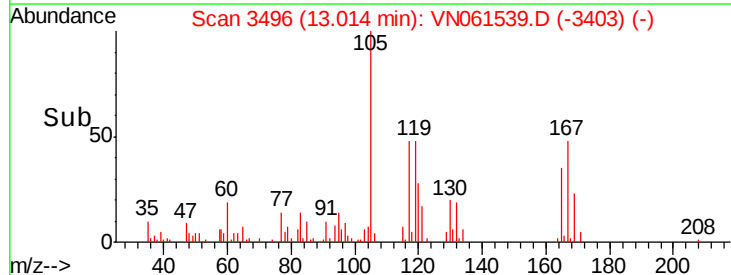
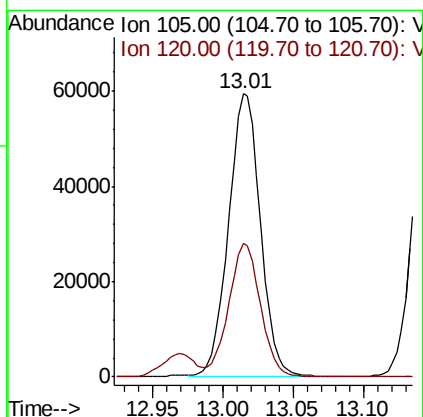
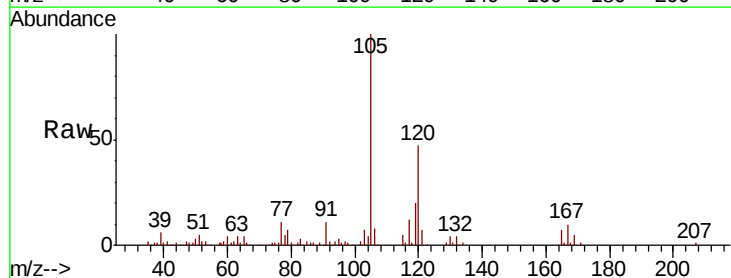
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

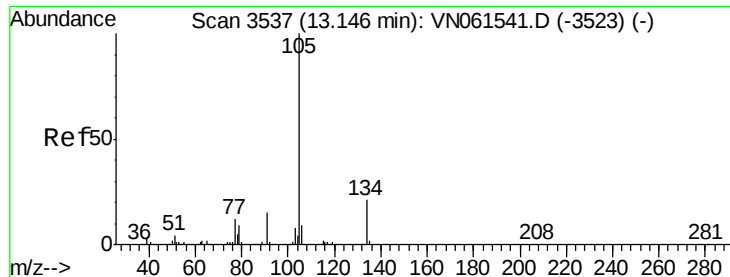
Tot Ion:119 Resp: 82967
Ion Ratio Lower Upper
119 100
91 64.4 31.3 93.8
134 27.0 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 5.376 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion:105 Resp: 94194
Ion Ratio Lower Upper
105 100
120 47.2 23.2 69.5





#85

sec-Butylbenzene

Concen: 5.378 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

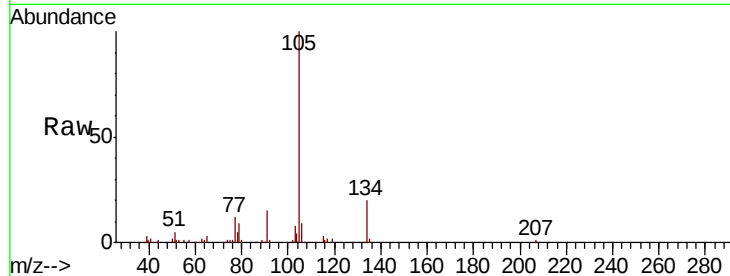
VSTDIC005

Tot Ion:105 Resp: 108669

Ion Ratio Lower Upper

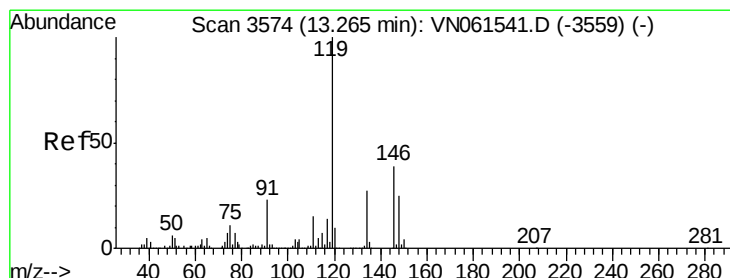
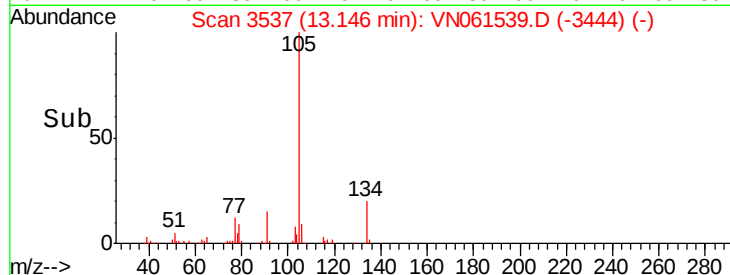
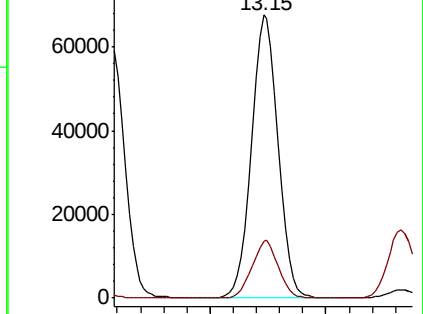
105 100

134 20.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.478 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

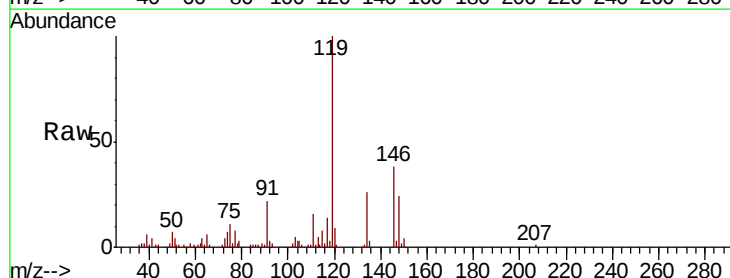
Tgt Ion:119 Resp: 98885

Ion Ratio Lower Upper

119 100

134 26.4 13.5 40.5

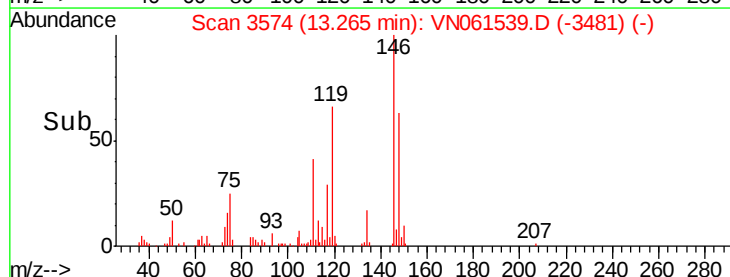
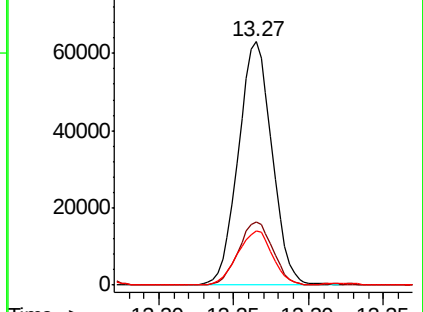
91 23.2 11.4 34.1

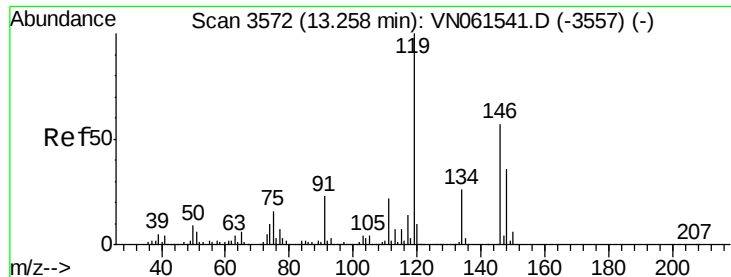


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 5.797 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

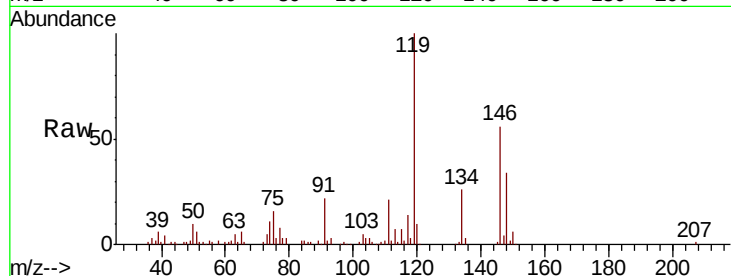
Tot Ion:146 Resp: 50133

Ion Ratio Lower Upper

146 100

111 38.7 19.2 57.6

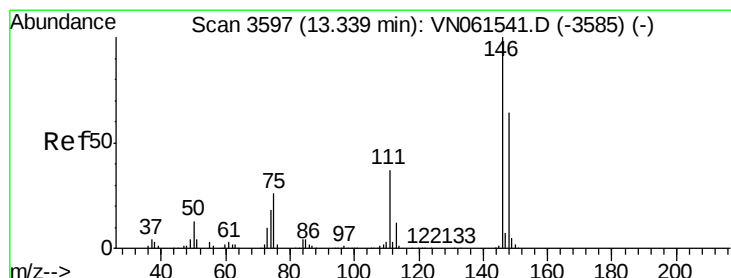
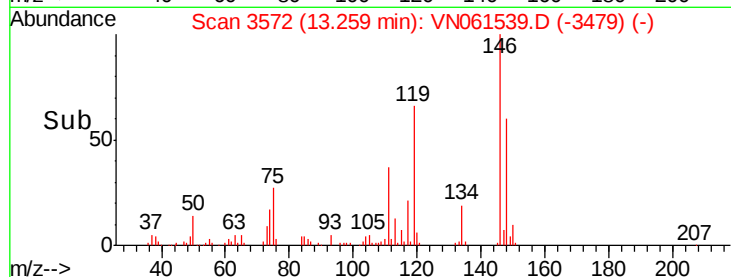
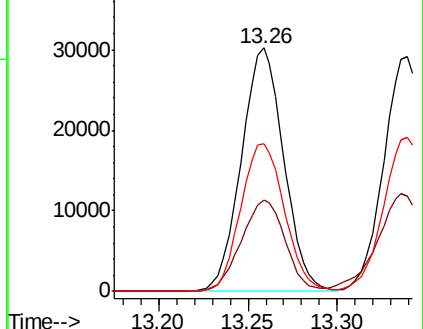
148 62.4 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 5.716 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

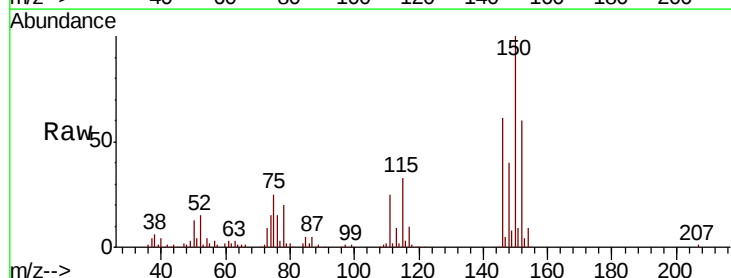
Tgt Ion:146 Resp: 49490

Ion Ratio Lower Upper

146 100

111 46.3 18.9 56.9

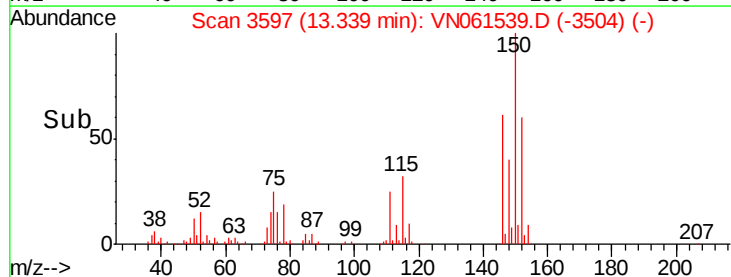
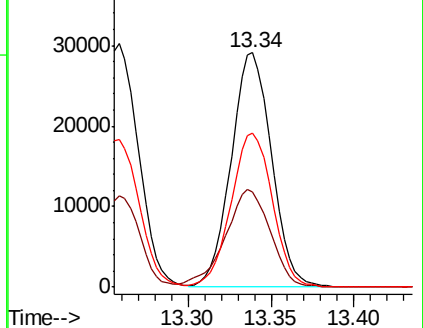
148 67.4 31.8 95.3

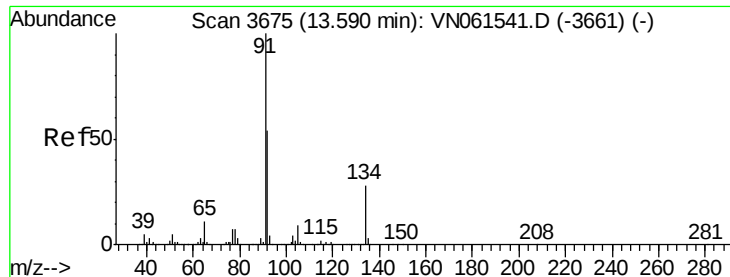


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

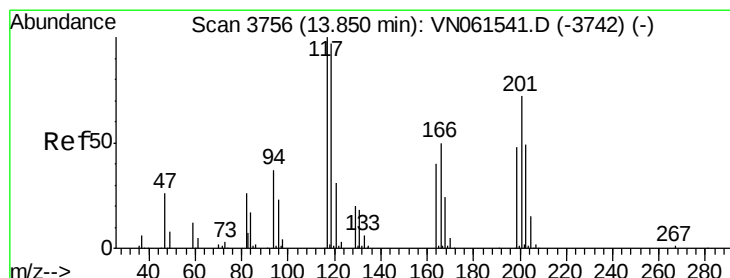
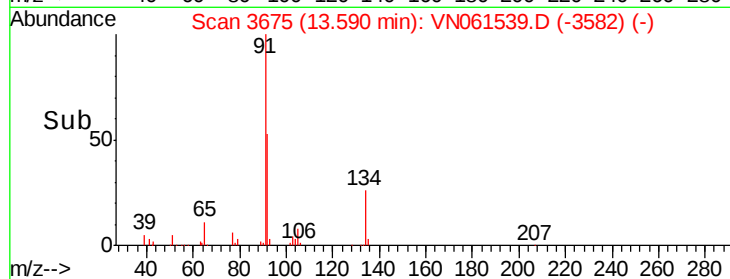
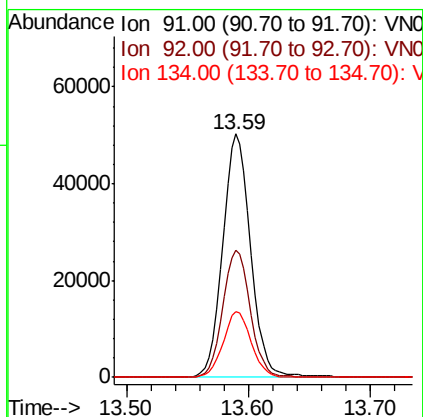
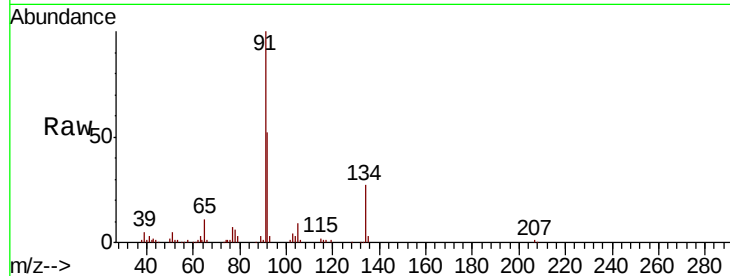




#89
n-Butylbenzene
Concen: 4.991 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

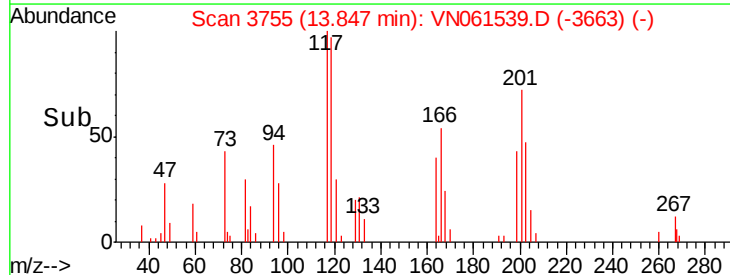
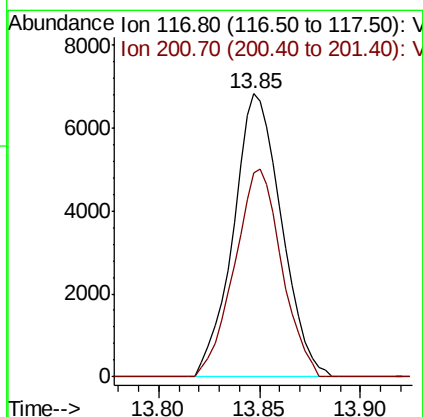
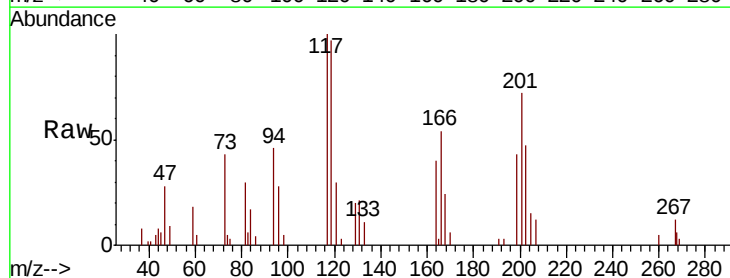
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

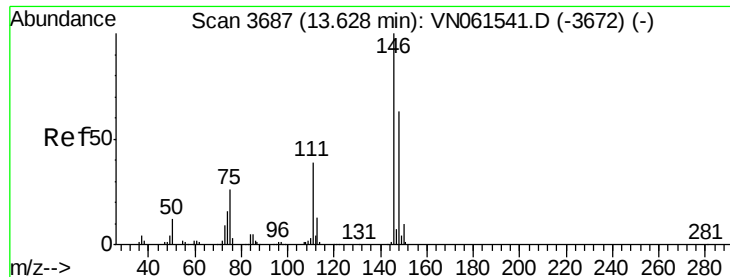
Tot Ion: 91 Resp: 80777
Ion Ratio Lower Upper
91 100
92 51.6 27.2 81.6
134 27.0 14.0 42.0



#90
Hexachloroethane
Concen: 4.838 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061539.D
Acq: 28 May 2020 18:09

Tgt Ion: 117 Resp: 11386
Ion Ratio Lower Upper
117 100
201 72.0 36.7 110.1

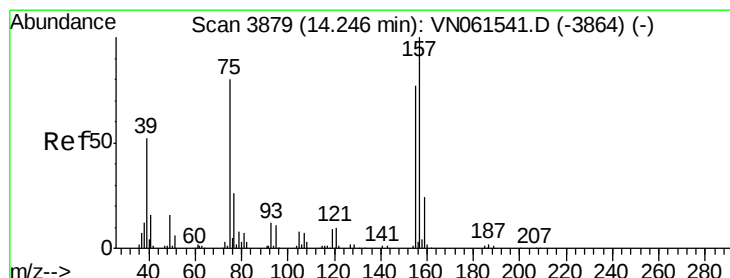
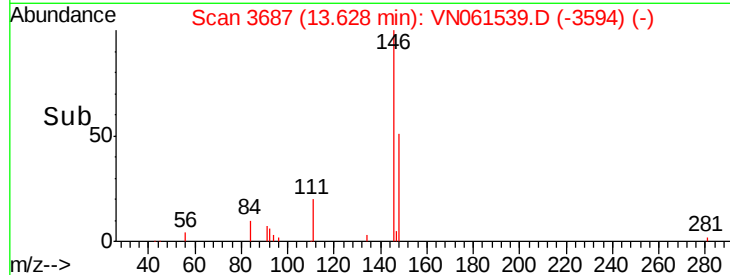
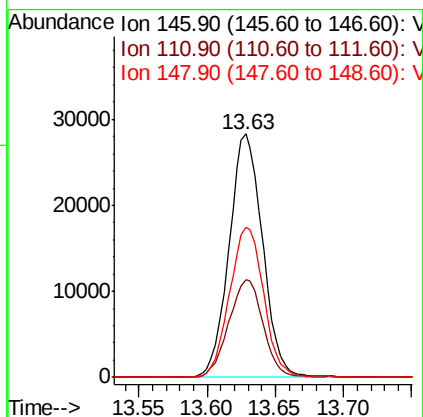
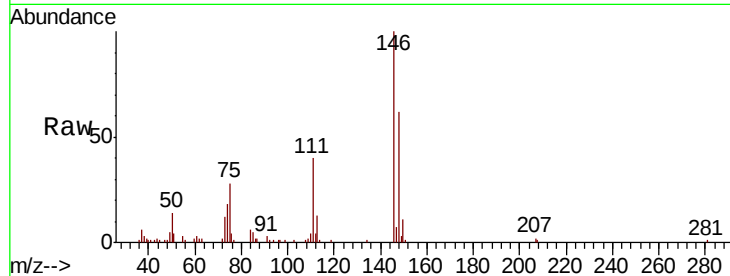




#91
 1,2-Dichlorobenzene
 Concen: 5.817 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

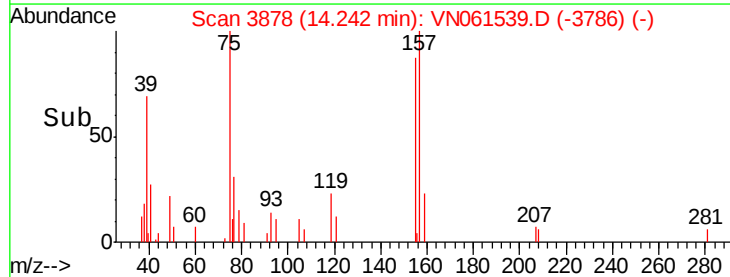
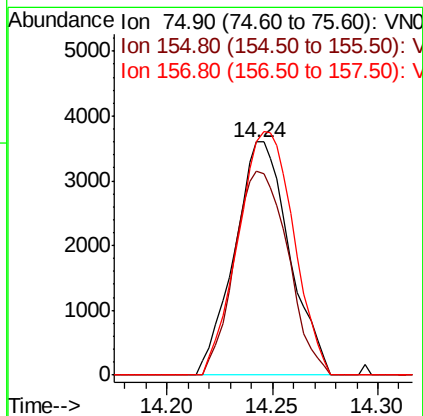
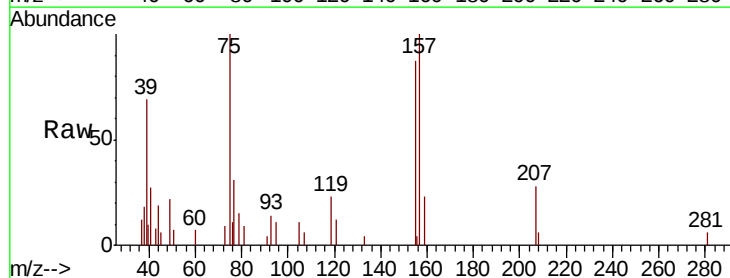
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

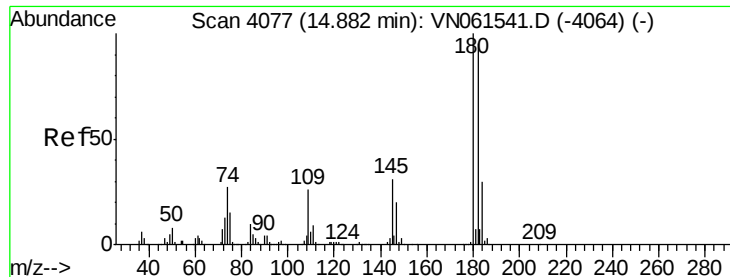
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.1	60.2
148	62.6	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.481 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.2	47.1	141.4
157	105.6	60.3	180.8

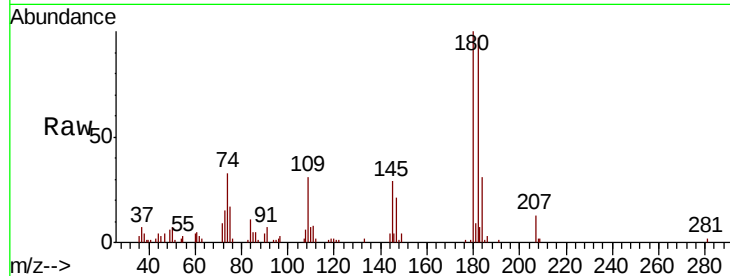




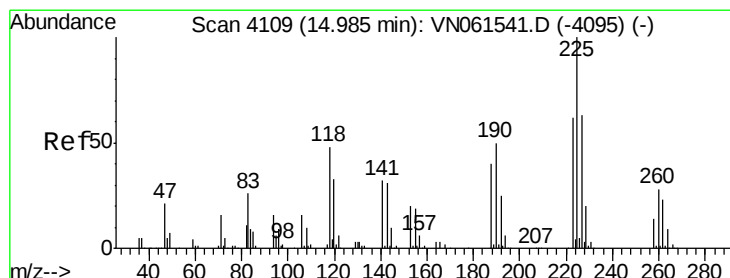
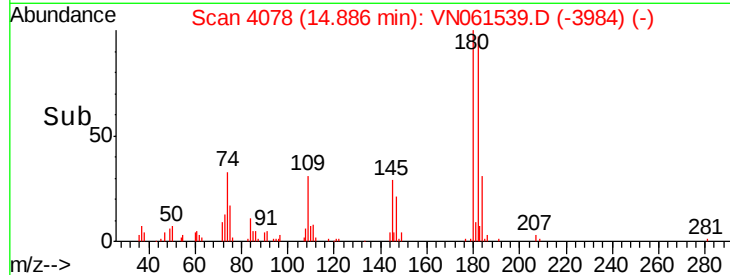
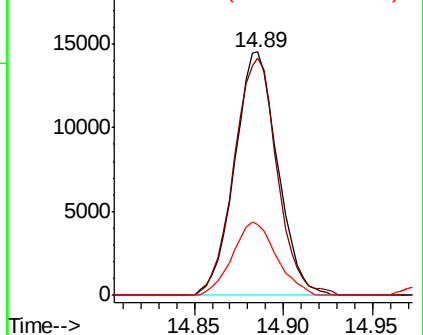
#93
 1,2,4-Trichlorobenzene
 Concen: 5.347 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 24281
 Ion Ratio Lower Upper
 180 100
 182 98.4 47.8 143.3
 145 31.0 15.5 46.5

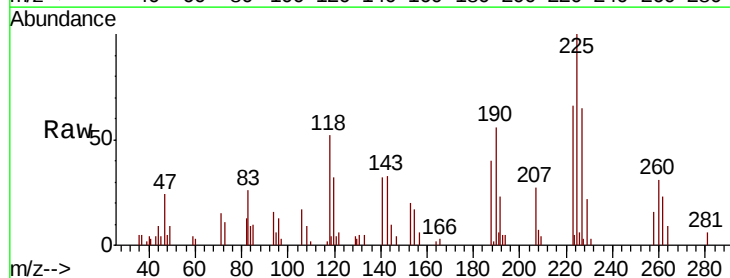


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

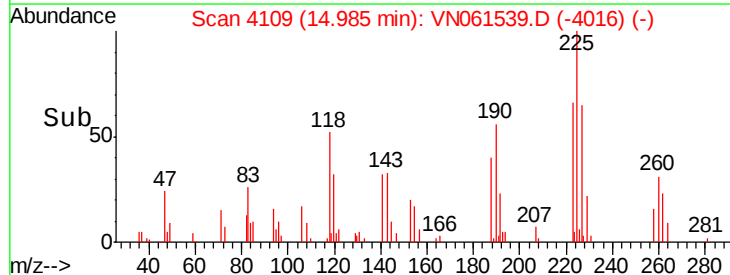
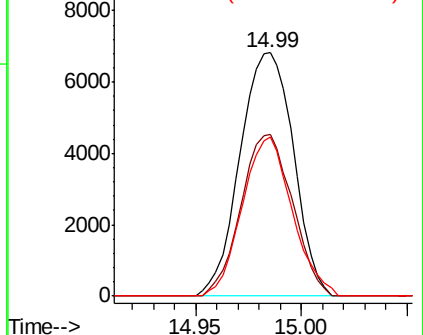


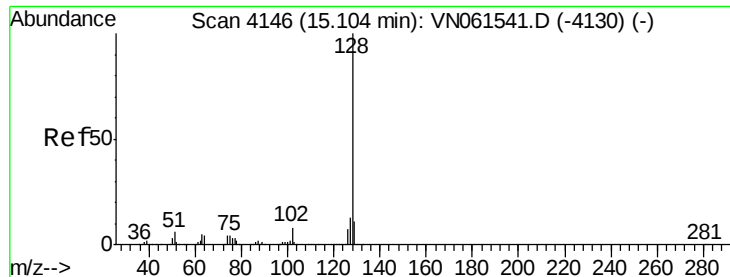
#94
 Hexachlorobutadiene
 Concen: 6.006 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061539.D
 Acq: 28 May 2020 18:09

Tgt Ion:225 Resp: 12000
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.9 95.5
 227 61.0 31.9 95.9



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: 5.229 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

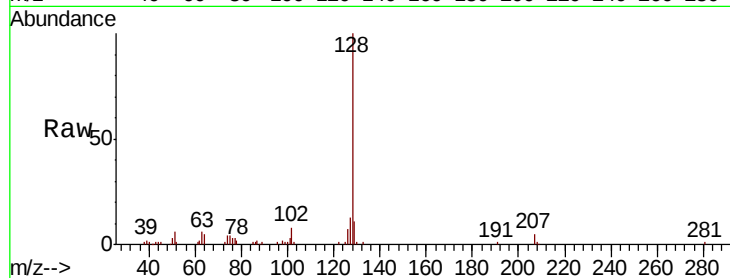
Tot Ion:128 Resp: 75240

Ion Ratio Lower Upper

128 100

127 13.0 10.0 15.0

129 10.7 8.5 12.7

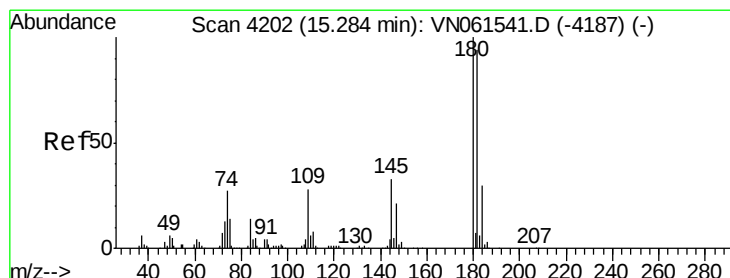
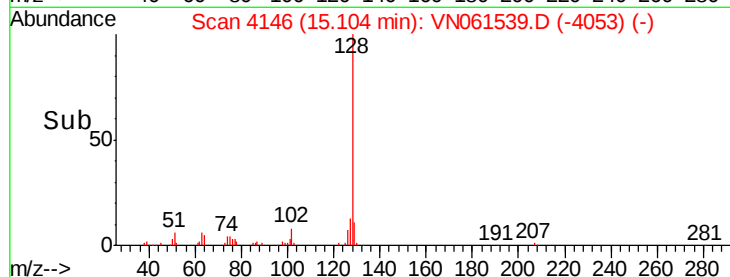
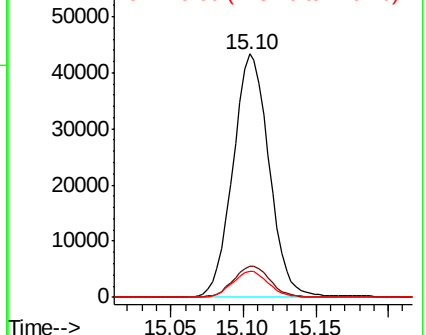


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 5.330 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061539.D

Acq: 28 May 2020 18:09

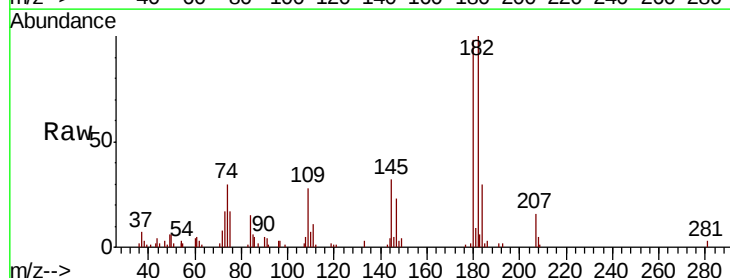
Tgt Ion:180 Resp: 24173

Ion Ratio Lower Upper

180 100

182 98.2 47.1 141.3

145 34.5 16.3 48.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

