

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061541.D
 Acq On : 28 May 2020 18:55
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: May 29 01:46:54 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	388098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	652759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	617635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	314525	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	232646	41.48	ug/l	0.00
Spiked Amount			Recovery	=	82.96%	
35) Dibromofluoromethane	7.55	113	168645	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
50) Toluene-d8	10.06	98	776830	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.38	95	277960	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	219258	64.378	ug/l	100
3) Chloromethane	2.03	50	238284	45.635	ug/l	100
4) Vinyl Chloride	2.16	62	327164	44.398	ug/l	100
5) Bromomethane	2.53	94	189731	46.396	ug/l	100
6) Chloroethane	2.67	64	204655	41.481	ug/l	100
7) Trichlorofluoromethane	2.98	101	414554	45.862	ug/l	100
8) Diethyl Ether	3.37	74	120484	45.687	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	177468	47.145	ug/l	100
10) Methyl Iodide	3.91	142	254776	53.562	ug/l	100
11) Tert butyl alcohol	4.73	59	150353	231.554	ug/l	100
12) 1,1-Dichloroethene	3.69	96	185609	46.761	ug/l	100
13) Acrolein	3.56	56	43759	94.589	ug/l	100
14) Allyl chloride	4.27	41	248118	40.032	ug/l	100
15) Acrylonitrile	4.93	53	427738	221.996	ug/l	100
16) Acetone	3.77	43	320037	186.089	ug/l	100
17) Carbon Disulfide	4.01	76	411081	42.195	ug/l	100
18) Methyl Acetate	4.27	43	201582	45.510	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	645005	43.669	ug/l	100
20) Methylene Chloride	4.50	84	209939	44.725	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	208110	45.986	ug/l	100
22) Diisopropyl ether	5.90	45	560315	40.098	ug/l	100
23) Vinyl Acetate	5.84	43	2287325	205.891	ug/l	100
24) 1,1-Dichloroethane	5.80	63	350463	42.610	ug/l	100
25) 2-Butanone	6.79	43	529707	207.585	ug/l	100
26) 2,2-Dichloropropane	6.78	77	307114	39.394	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	247929	46.443	ug/l	100
28) Bromochloromethane	7.15	49	136915	40.254	ug/l	100
29) Tetrahydrofuran	7.17	42	353959	209.457	ug/l	100
30) Chloroform	7.33	83	389514	45.094	ug/l	100
31) Cyclohexane	7.61	56	315080	40.296	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	354538	44.862	ug/l	100
36) 1,1-Dichloropropene	7.75	75	283269	47.100	ug/l	100
37) Ethyl Acetate	6.88	43	237794	43.688	ug/l	100
38) Carbon Tetrachloride	7.73	117	280607	50.431	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061541.D
 Acq On : 28 May 2020 18:55
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: May 29 01:46:54 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	351401	47.726	ug/l	100
40) Benzene	8.00	78	859236	47.322	ug/l	100
41) Methacrylonitrile	7.12	41	93340	41.710	ug/l	100
42) 1,2-Dichloroethane	8.08	62	286784	44.305	ug/l	100
43) Isopropyl Acetate	8.13	43	408112	43.323	ug/l	100
44) Trichloroethene	8.80	130	272281	55.440	ug/l	100
45) 1,2-Dichloropropane	9.08	63	206730	45.824	ug/l	100
46) Dibromomethane	9.17	93	156761	48.864	ug/l	100
47) Bromodichloromethane	9.37	83	317340	47.448	ug/l	100
48) Methyl methacrylate	9.17	41	178223	41.201	ug/l	100
49) 1,4-Dioxane	9.17	88	53171	981.684	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1178609	229.299	ug/l	100
52) Toluene	10.12	92	573956	49.068	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	343493	47.076	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	363772	46.645	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	224148	50.501	ug/l	100
56) Ethyl methacrylate	10.40	69	328491	47.926	ug/l	100
57) 1,3-Dichloropropane	10.68	76	362713	47.754	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	689276	229.260	ug/l	100
59) 2-Hexanone	10.72	43	849108	228.461	ug/l	100
60) Dibromochloromethane	10.88	129	265824	53.714	ug/l	100
61) 1,2-Dibromoethane	10.98	107	239243	51.127	ug/l	100
64) Tetrachloroethene	10.60	164	284578	57.745	ug/l	100
65) Chlorobenzene	11.41	112	622366	49.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	235733	52.030	ug/l	100
67) Ethyl Benzene	11.48	91	1090080	48.130	ug/l	100
68) m/p-Xylenes	11.60	106	867380	100.204	ug/l	100
69) o-Xylene	11.92	106	415294	49.569	ug/l	100
70) Styrene	11.94	104	704087	50.847	ug/l	100
71) Bromoform	12.10	173	188029	58.030	ug/l #	100
73) Isopropylbenzene	12.22	105	1091328	44.154	ug/l	100
74) N-amyl acetate	12.05	43	356950	40.102	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	300428	44.144	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	397452	60.701	ug/l #	100
77) Bromobenzene	12.50	156	281608	51.110	ug/l	100
78) n-propylbenzene	12.57	91	1222028	43.650	ug/l	100
79) 2-Chlorotoluene	12.65	91	718942	43.289	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	924866	45.663	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	108870	43.756	ug/l	100
82) 4-Chlorotoluene	12.75	91	760484	44.235	ug/l	100
83) tert-Butylbenzene	12.97	119	801335	46.055	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	932886	46.030	ug/l	100
85) sec-Butylbenzene	13.15	105	1044961	44.715	ug/l	100
86) p-Isopropyltoluene	13.26	119	975682	46.735	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	500359	50.025	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	504992	50.427	ug/l	100
89) n-Butylbenzene	13.59	91	814606	43.517	ug/l	100
90) Hexachloroethane	13.85	117	105668	38.817	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	484829	50.525	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	61702	44.875	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
Data File : VN061541.D
Acq On : 28 May 2020 18:55
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: May 29 01:46:54 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	14.88	180	289449	55.116	ug/l	100
94) Hexachlorobutadiene	14.99	225	115431	49.952	ug/l	100
95) Naphthalene	15.10	128	918690	55.200	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	286447	54.607	ug/l	100

(#) = 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: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

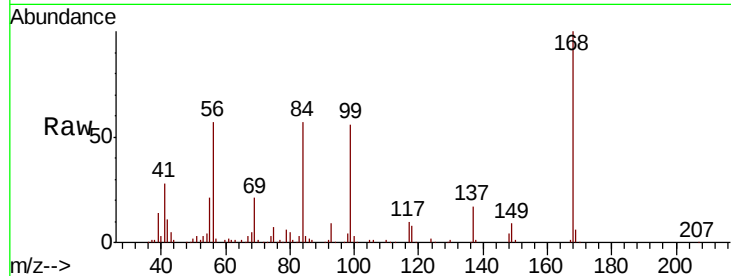
VSTDICCC050

Tot Ion:168 Resp: 388098

Ion Ratio Lower Upper

168 100

99 56.2 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

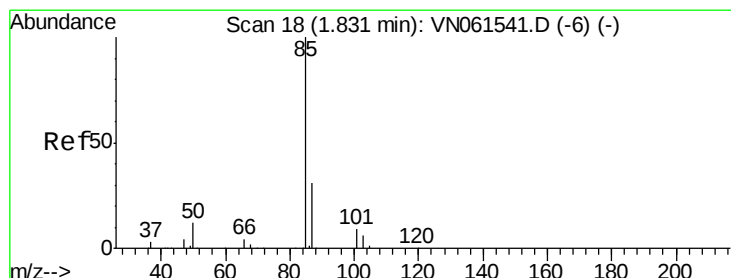
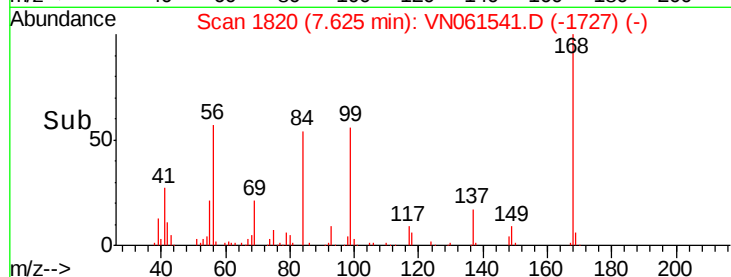
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 64.378 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061541.D

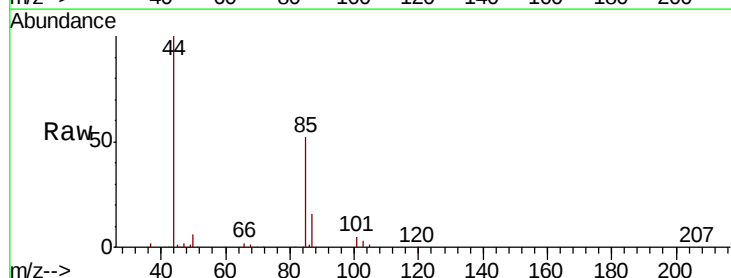
Acq: 28 May 2020 18:55

Tgt Ion: 85 Resp: 219258

Ion Ratio Lower Upper

85 100

87 31.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

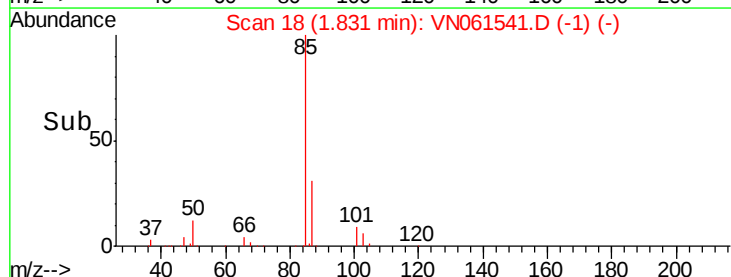
150000

100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 45.635 ug/l

RT: 2.03 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

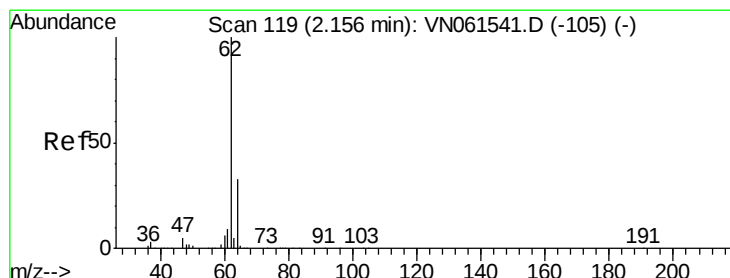
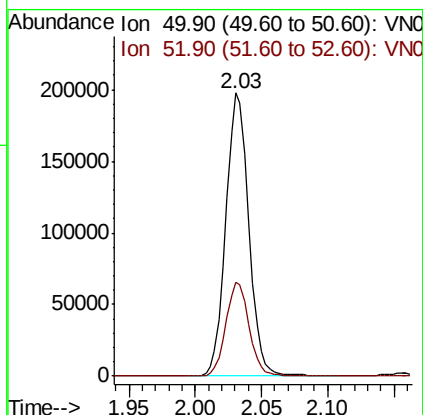
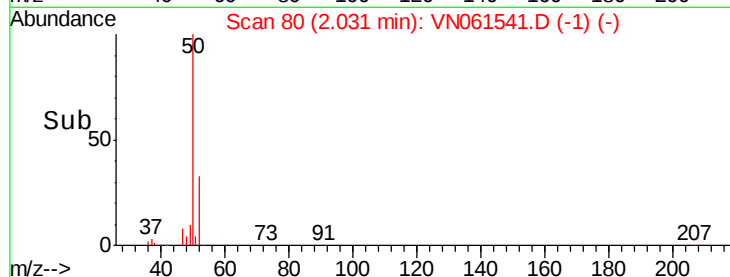
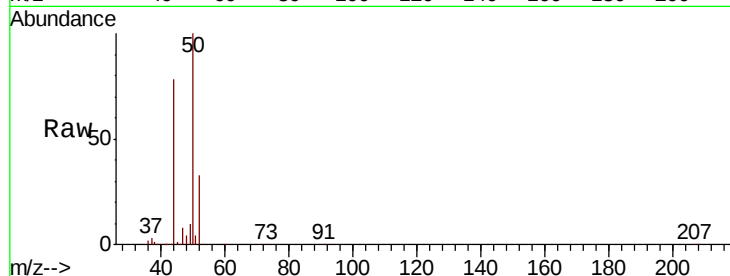
VSTDICCC050

Tot Ion: 50 Resp: 238284

Ion Ratio Lower Upper

50 100

52 33.4 26.7 40.1



#4

Vinyl Chloride

Concen: 44.398 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061541.D

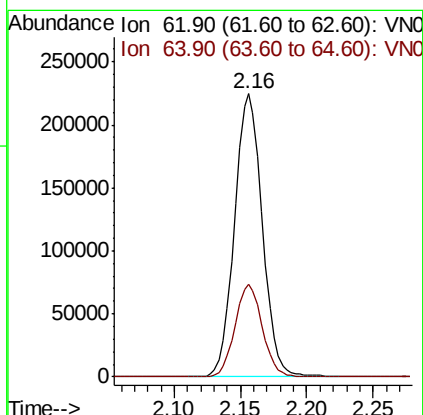
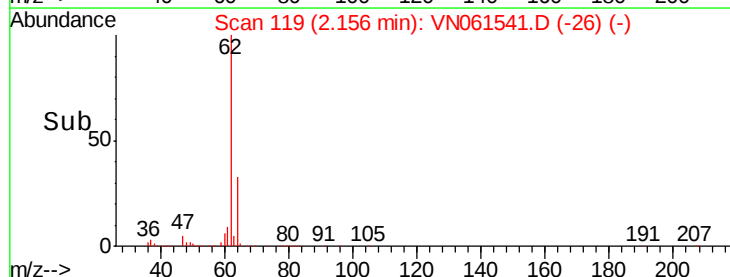
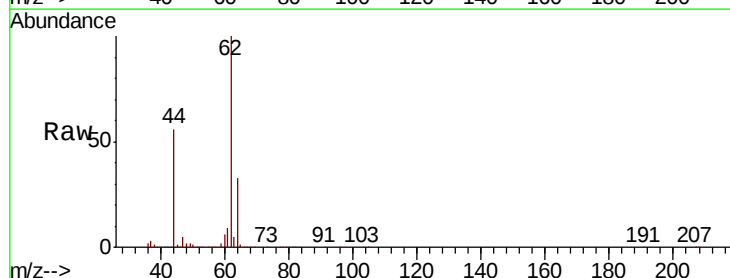
Acq: 28 May 2020 18:55

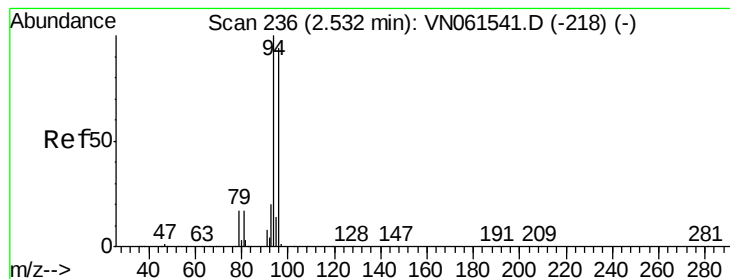
Tgt Ion: 62 Resp: 327164

Ion Ratio Lower Upper

62 100

64 32.7 26.2 39.2





#5

Bromomethane

Concen: 46.396 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

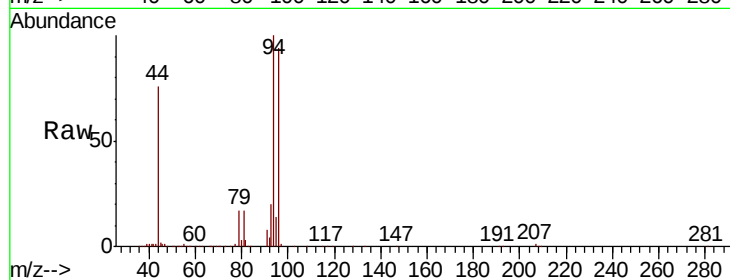
VSTDICCC050

Tot Ion: 94 Resp: 189731

Ion Ratio Lower Upper

94 100

96 93.5 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN061541.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061541.D (-218) (-)

2.53

100000

80000

60000

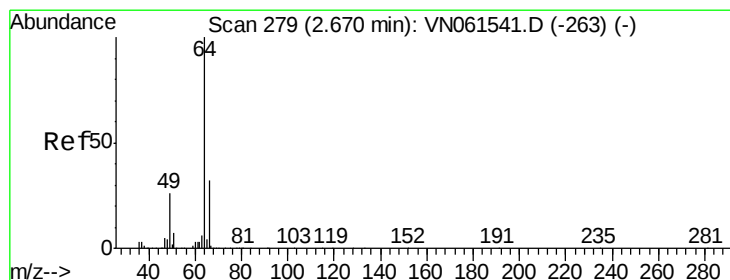
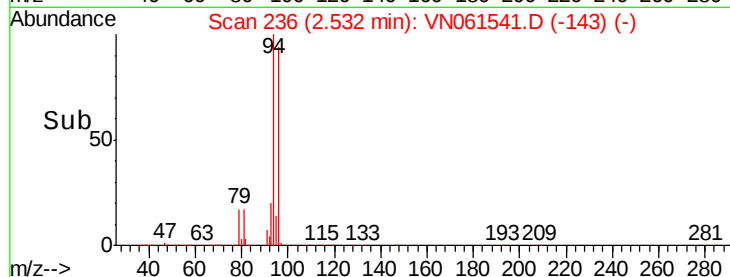
40000

20000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 41.481 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061541.D

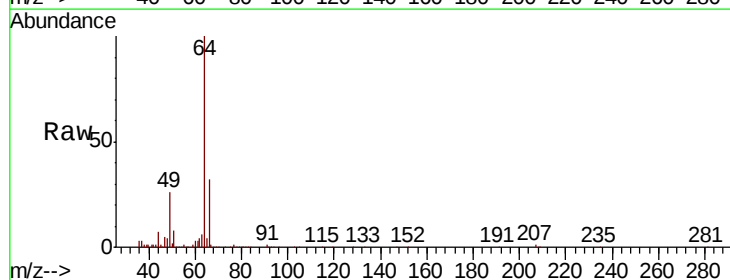
Acq: 28 May 2020 18:55

Tgt Ion: 64 Resp: 204655

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN061541.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061541.D (-263) (-)

2.67

120000

100000

80000

60000

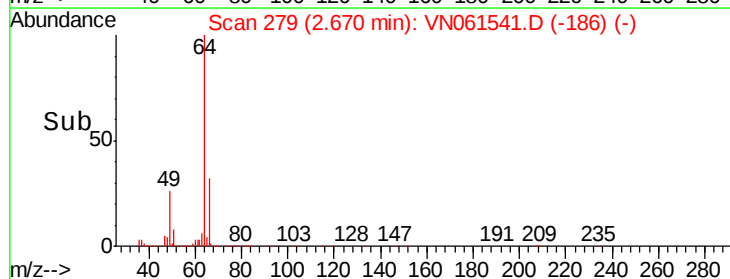
40000

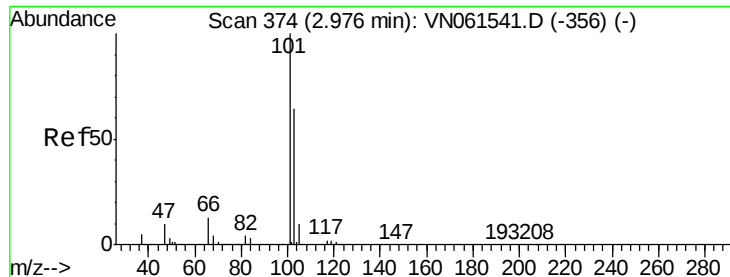
20000

0

Time-->

2.60 2.65 2.70 2.75



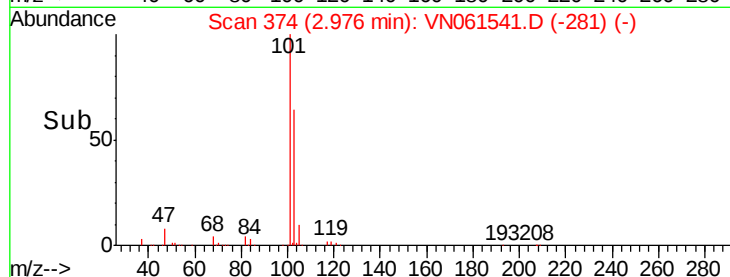
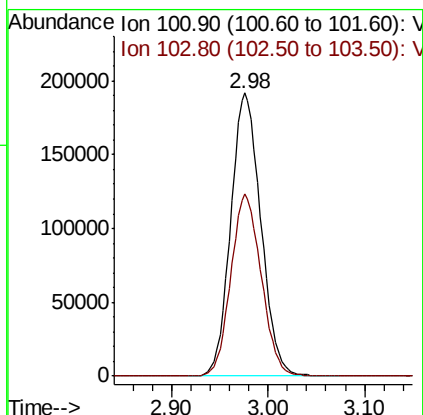
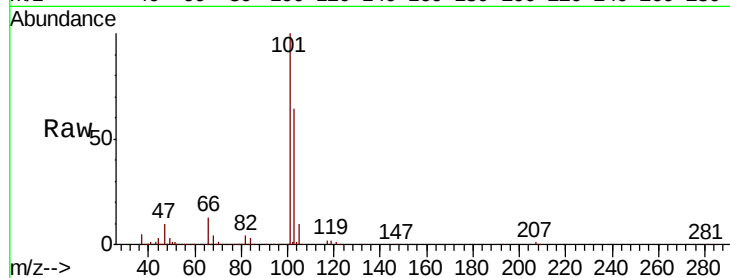


#7

Trichlorofluoromethane
 Concen: 45.862 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

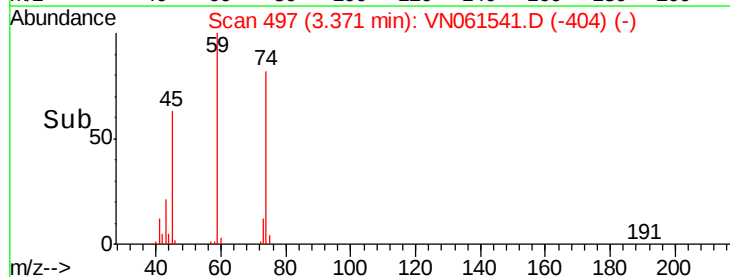
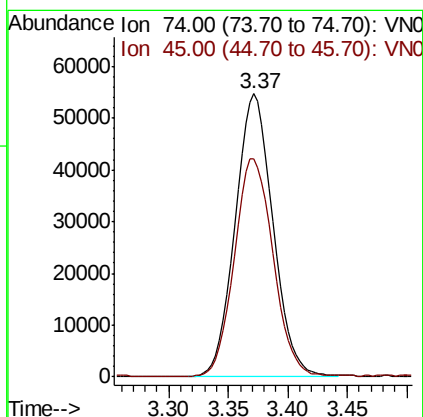
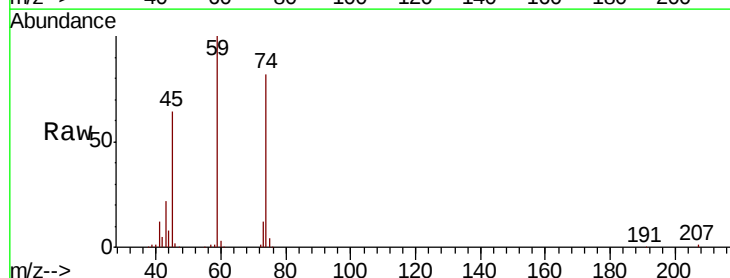
Tot Ion:101 Resp: 414554
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.4 77.2

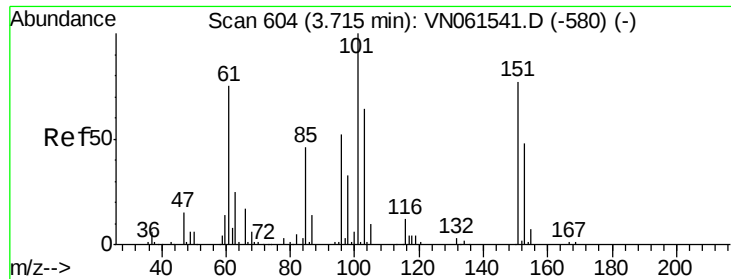


#8

Diethyl Ether
 Concen: 45.687 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

Tgt Ion: 74 Resp: 120484
 Ion Ratio Lower Upper
 74 100
 45 79.8 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.145 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

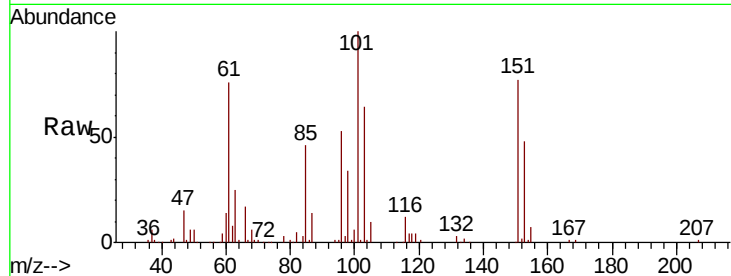
Tot Ion:101 Resp: 177468

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

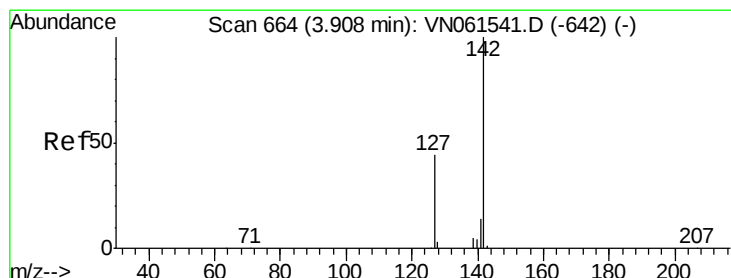
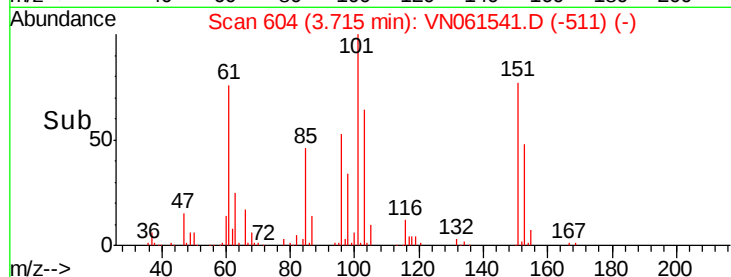
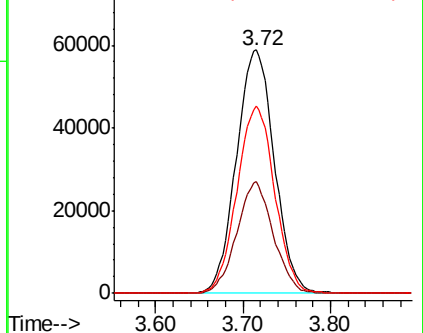
151 76.3 61.0 91.6



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: 53.562 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

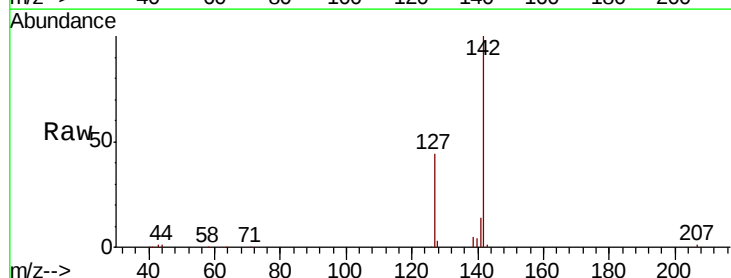
Tgt Ion:142 Resp: 254776

Ion Ratio Lower Upper

142 100

127 44.4 35.5 53.3

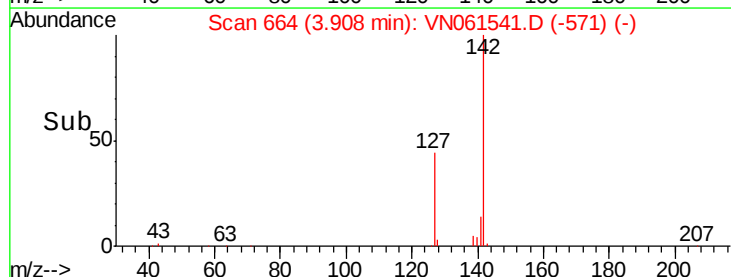
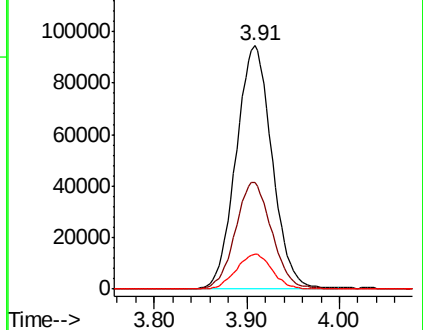
141 14.4 11.5 17.3

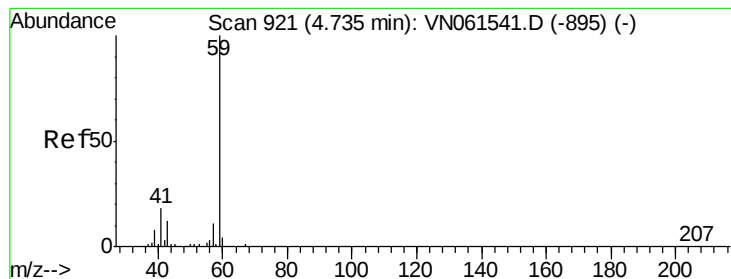


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



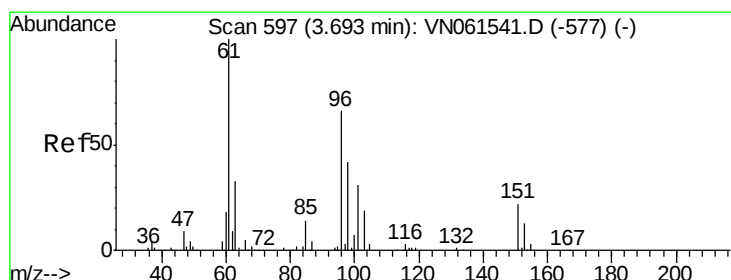
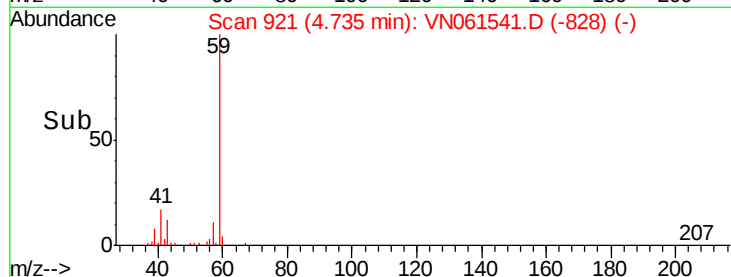
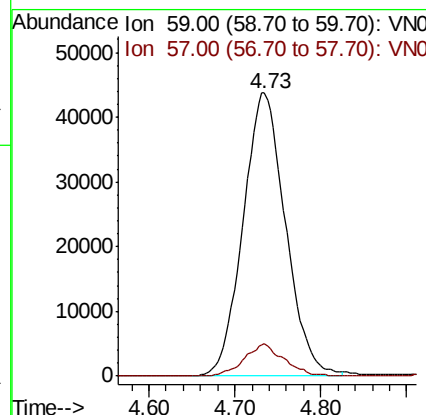
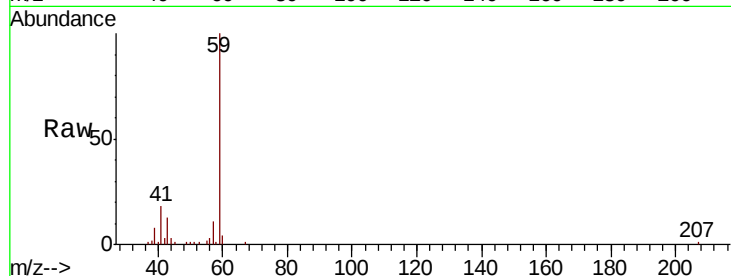


#11

Tert butyl alcohol
Concen: 231.554 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

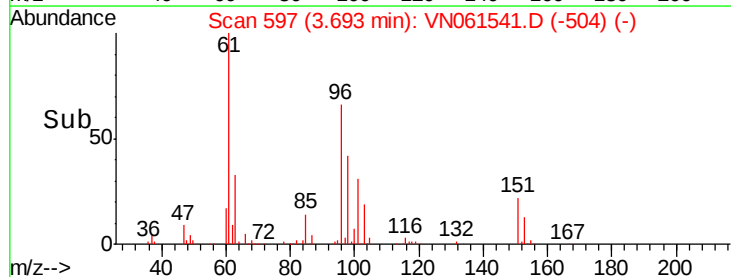
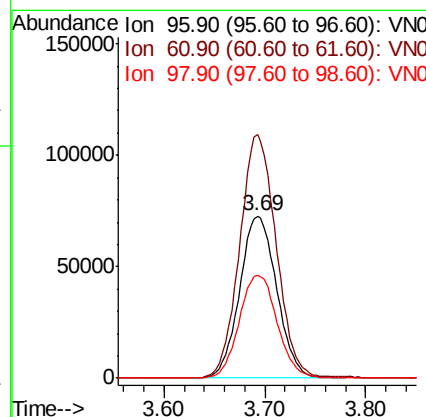
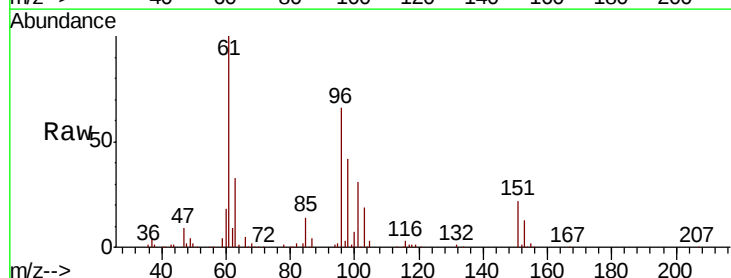
Tot Ion: 59 Resp: 150353
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12

1,1-Dichloroethene
Concen: 46.761 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion: 96 Resp: 185609
Ion Ratio Lower Upper
96 100
61 150.6 120.5 180.7
98 63.5 50.8 76.2





#13

Acrolein

Concen: 94.589 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

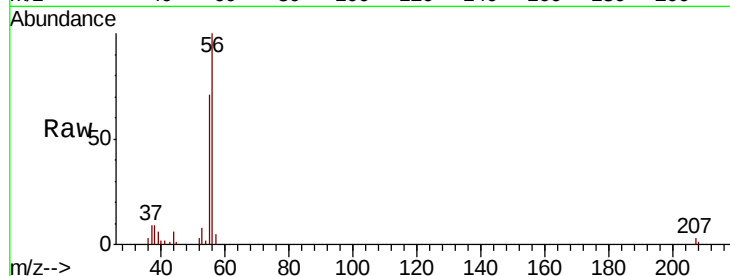
VSTDICCC050

Tot Ion: 56 Resp: 43759

Ion Ratio Lower Upper

56 100

55 72.5 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061541.D (-540) (-)

20000

15000

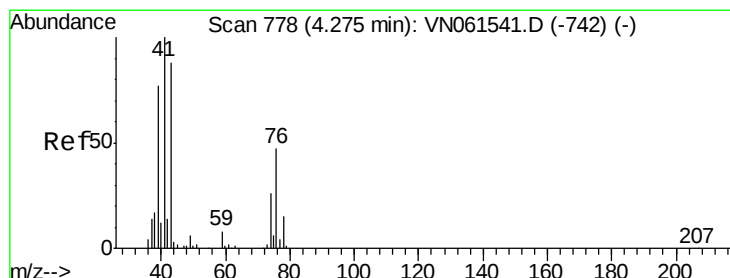
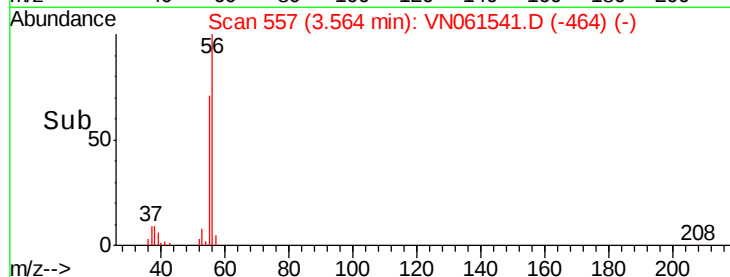
10000

5000

0

3.50 3.55 3.60 3.65

Time-->



#14

Allyl chloride

Concen: 40.032 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

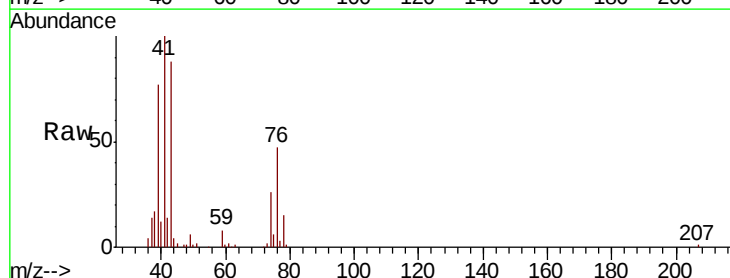
Tgt Ion: 41 Resp: 248118

Ion Ratio Lower Upper

41 100

39 73.3 58.6 88.0

76 42.8 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-742) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-742) (-)

Ion 75.90 (75.60 to 76.60): VN061541.D (-742) (-)

100000

80000

60000

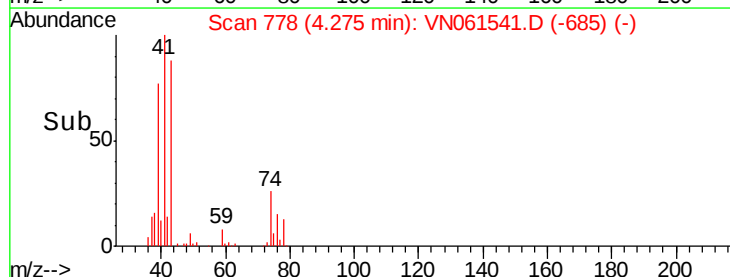
40000

20000

0

4.10 4.20 4.30 4.40

Time-->





#15

Acrylonitrile

Concen: 221.996 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

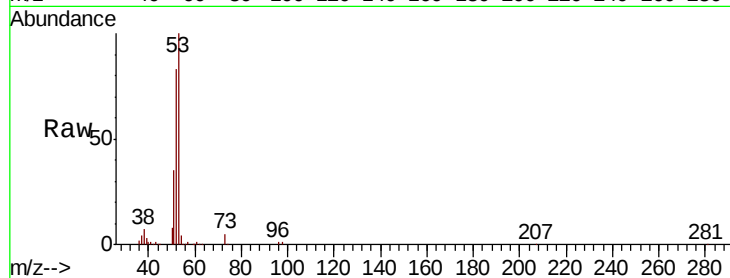
Tot Ion: 53 Resp: 427738

Ion Ratio Lower Upper

53 100

52 81.8 65.4 98.2

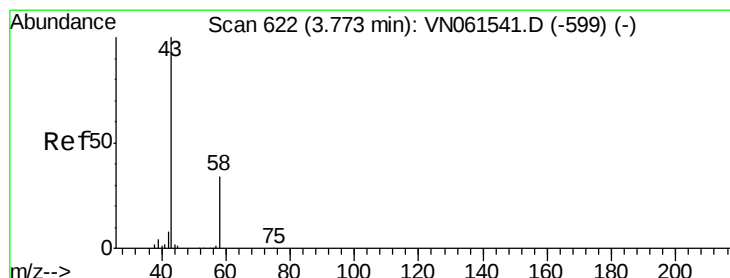
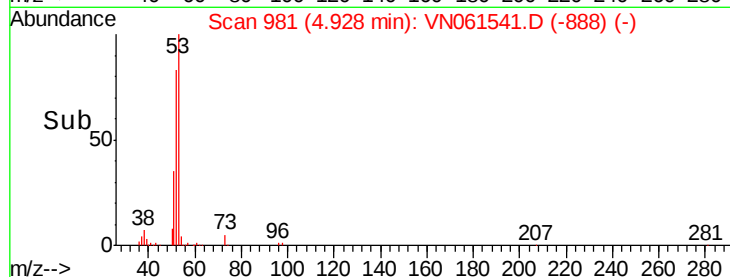
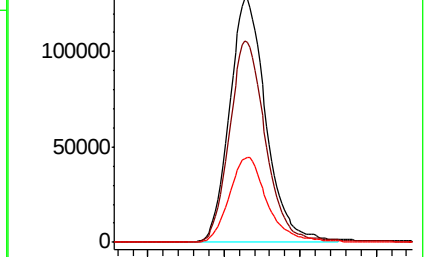
51 36.3 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN061541.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN061541.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN061541.D (-958) (-)



#16

Acetone

Concen: 186.089 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061541.D

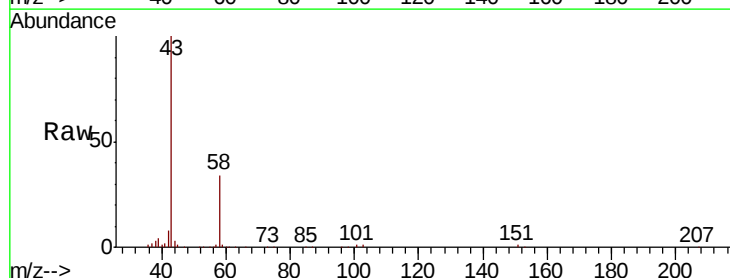
Acq: 28 May 2020 18:55

Tgt Ion: 43 Resp: 320037

Ion Ratio Lower Upper

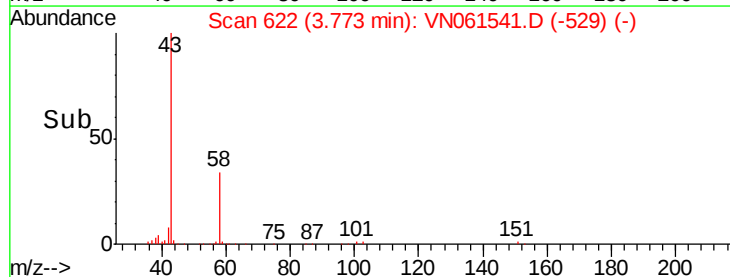
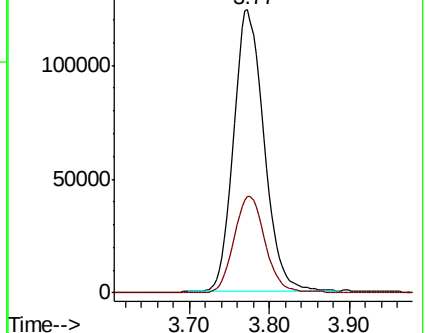
43 100

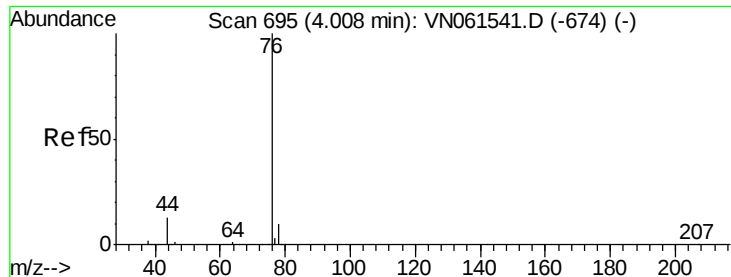
58 34.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-599) (-)

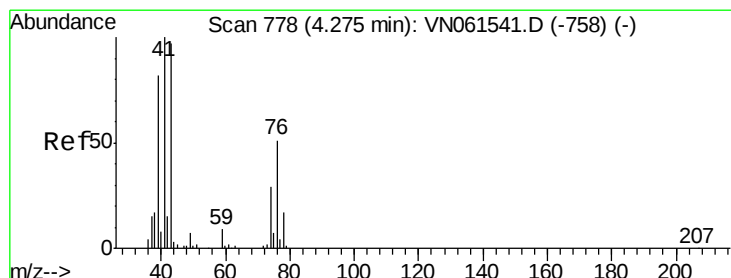
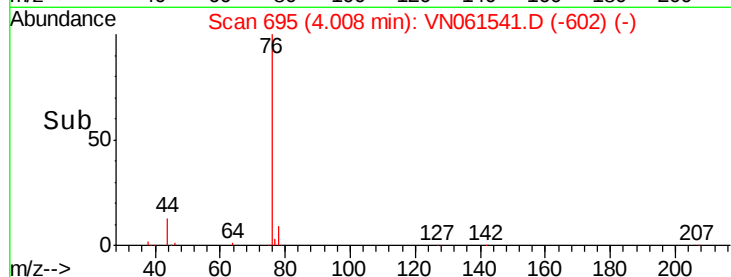
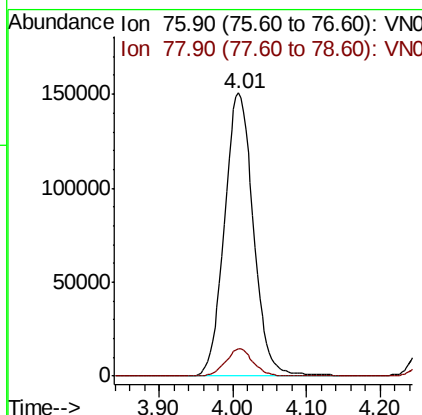
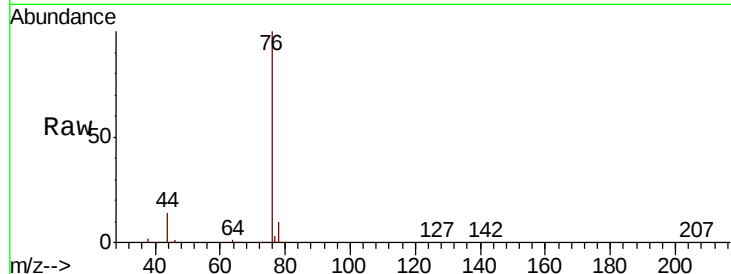




#17
Carbon Disulfide
Concen: 42.195 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

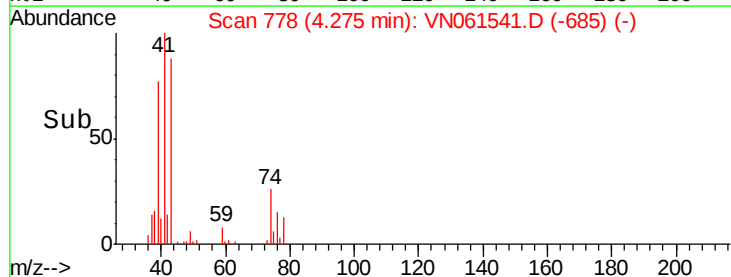
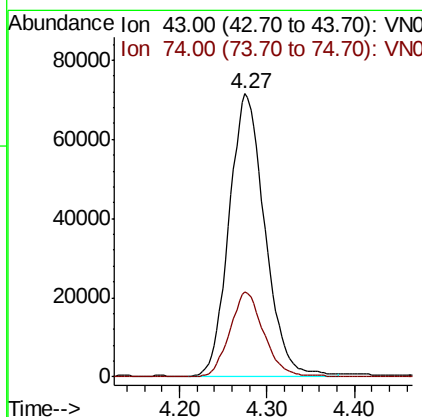
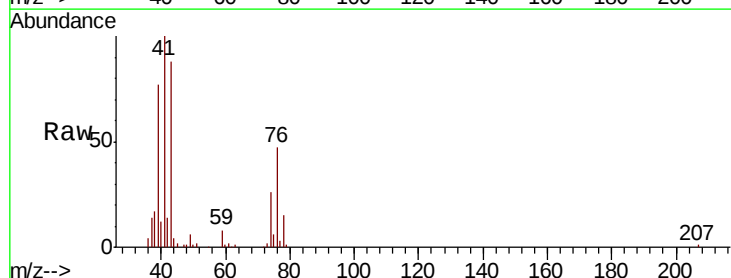
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

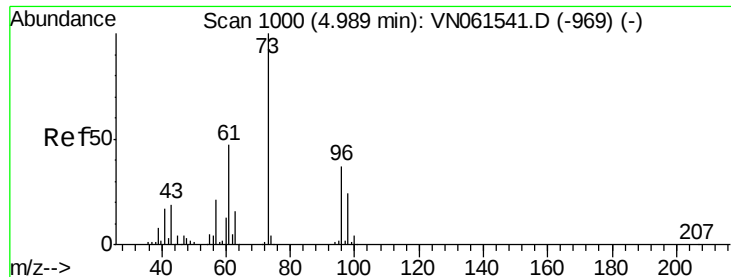
Tot Ion: 76 Resp: 411081
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.6



#18
Methyl Acetate
Concen: 45.510 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion: 43 Resp: 201582
Ion Ratio Lower Upper
43 100
74 29.0 23.2 34.8

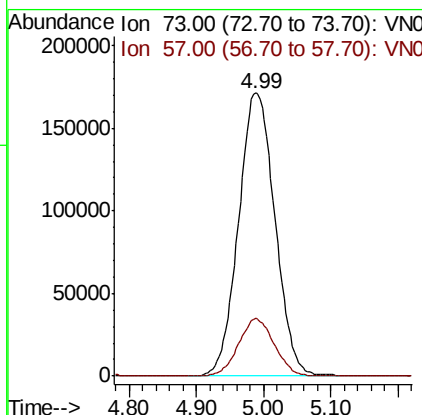
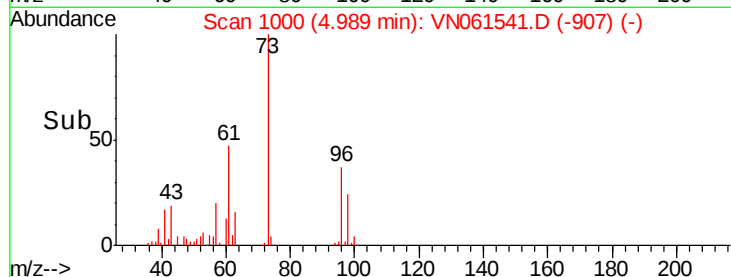
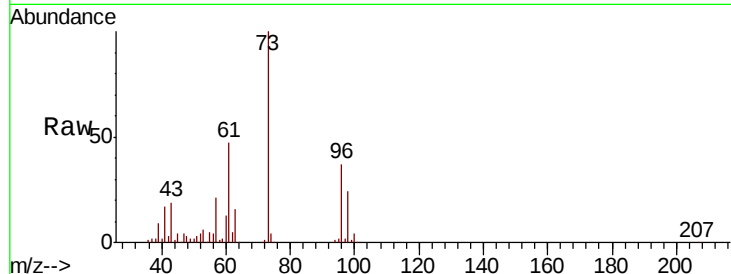




#19
Methyl tert-butyl Ether
Concen: 43.669 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

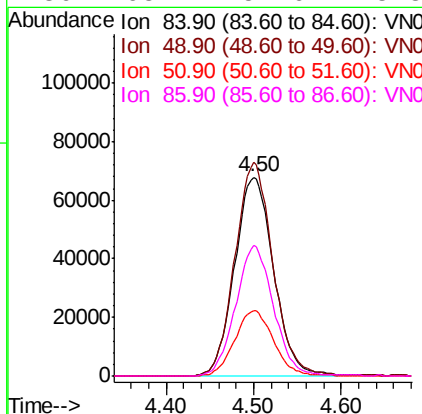
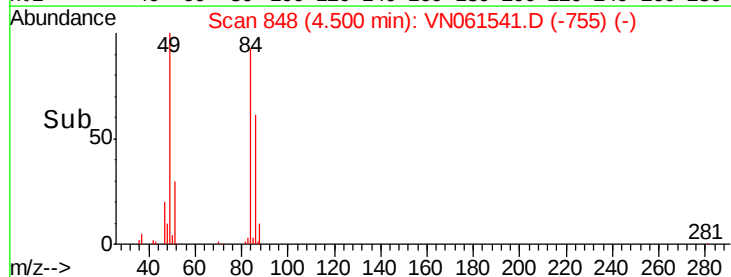
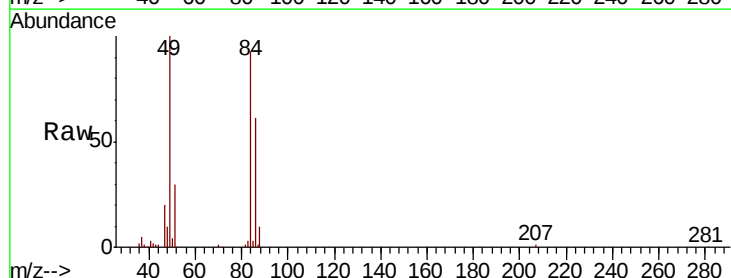
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

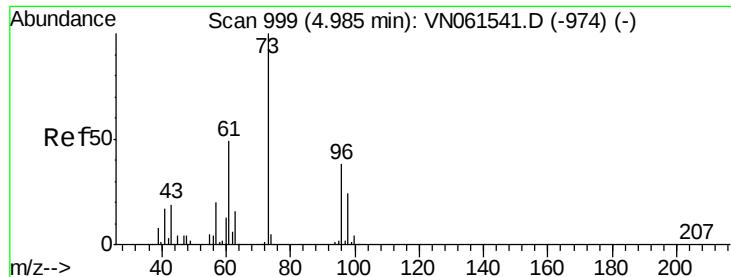
Tot Ion: 73 Resp: 645005
Ion Ratio Lower Upper
73 100
57 20.5 16.4 24.6



#20
Methylene Chloride
Concen: 44.725 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion: 84 Resp: 209939
Ion Ratio Lower Upper
84 100
49 107.3 85.8 128.8
51 32.7 26.2 39.2
86 65.7 52.6 78.8

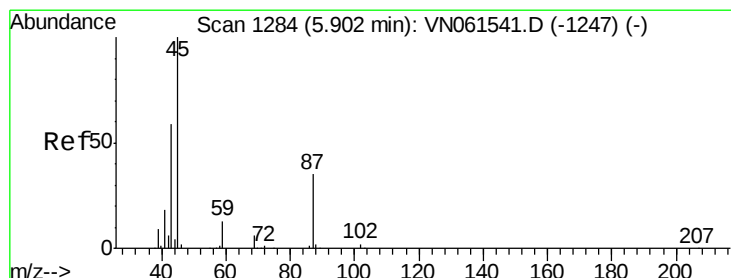
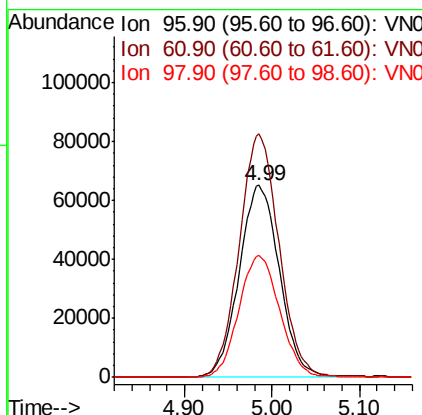
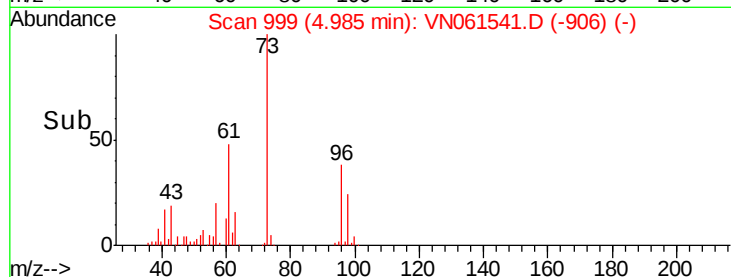
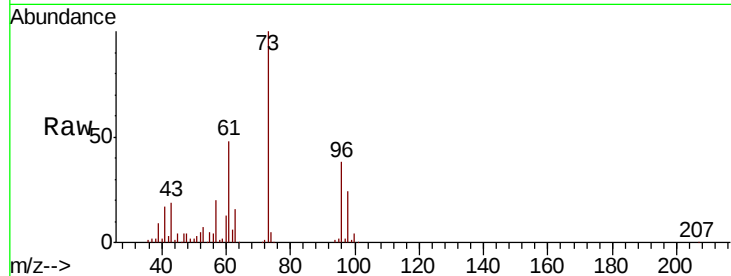




#21
trans-1,2-Dichloroethene
Concen: 45.986 ug/l
RT: 4.99 min Scan# 999
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

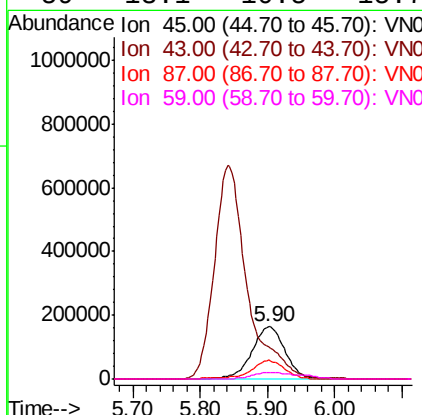
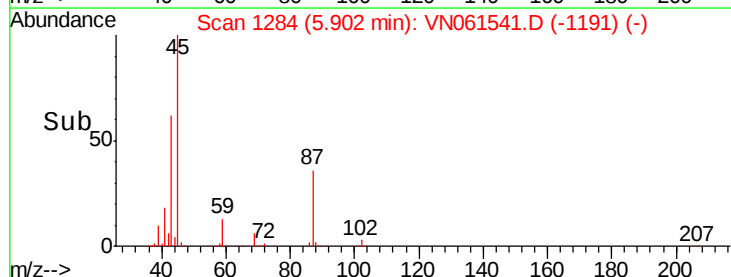
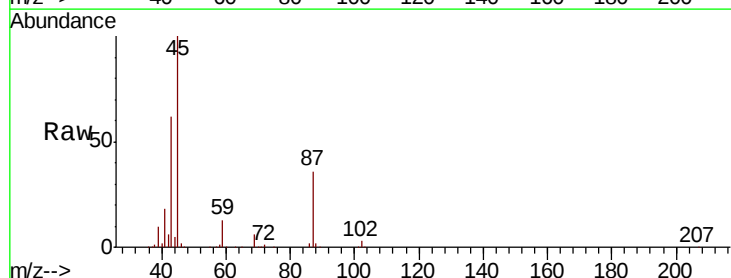
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

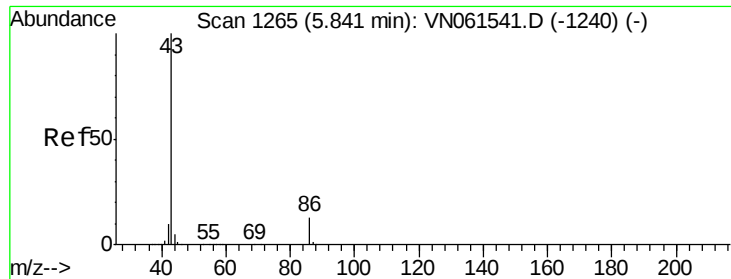
Tot Ion: 96 Resp: 208110
Ion Ratio Lower Upper
96 100
61 126.7 101.4 152.0
98 63.3 50.6 76.0



#22
Diisopropyl ether
Concen: 40.098 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion: 45 Resp: 560315
Ion Ratio Lower Upper
45 100
43 59.9 47.9 71.9
87 35.5 28.4 42.6
59 13.1 10.5 15.7





#23

Vinyl Acetate

Concen: 205.891 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

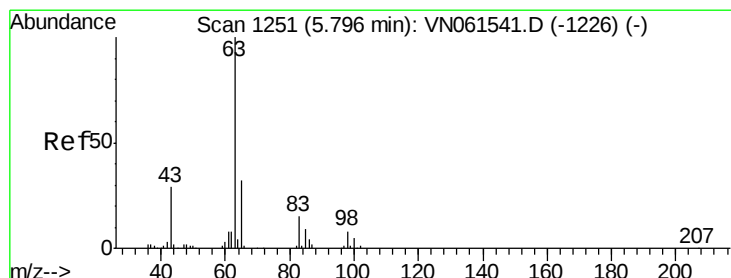
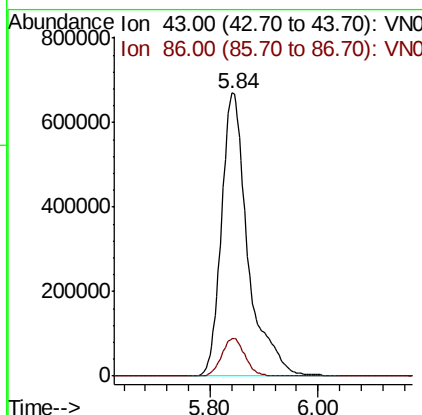
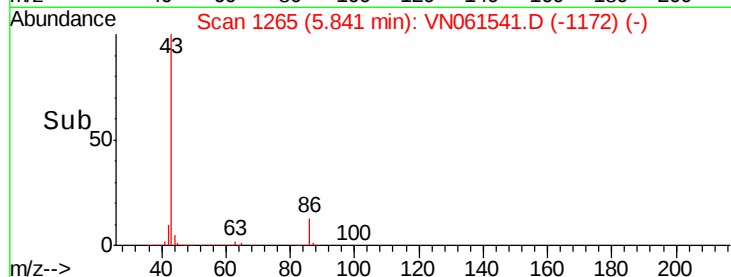
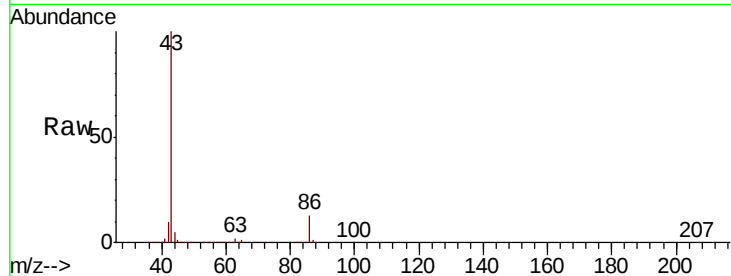
VSTDICCC050

Tot Ion: 43 Resp: 2287325

Ion Ratio Lower Upper

43 100

86 13.3 10.6 16.0



#24

1,1-Dichloroethane

Concen: 42.610 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

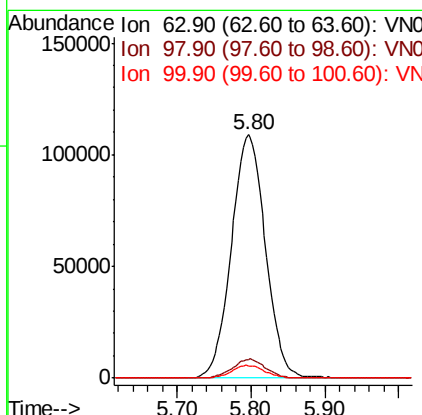
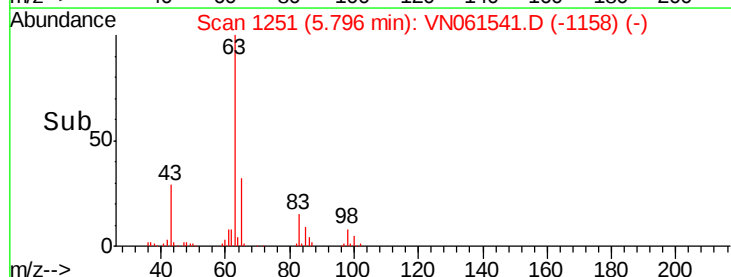
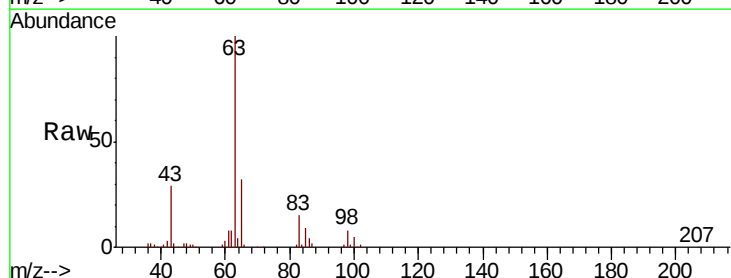
Tgt Ion: 63 Resp: 350463

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 5.1 2.5 7.6

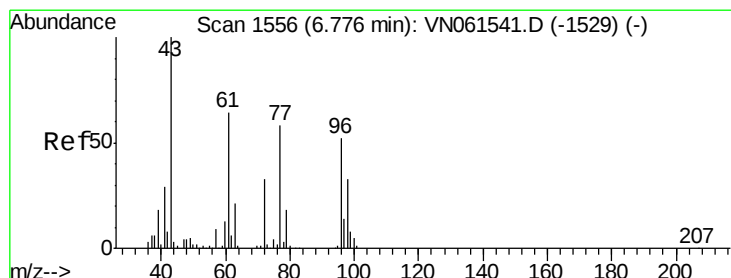
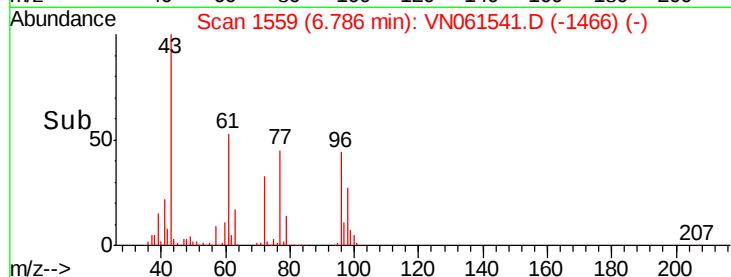
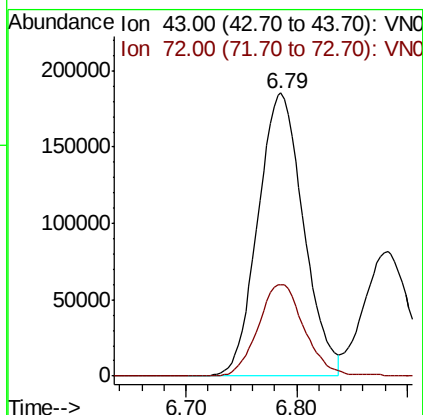
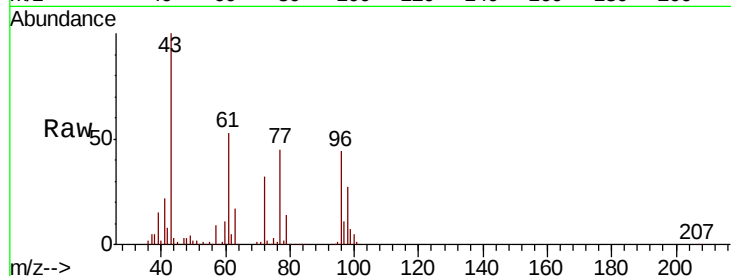




#25
2-Butanone
Concen: 207.585 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

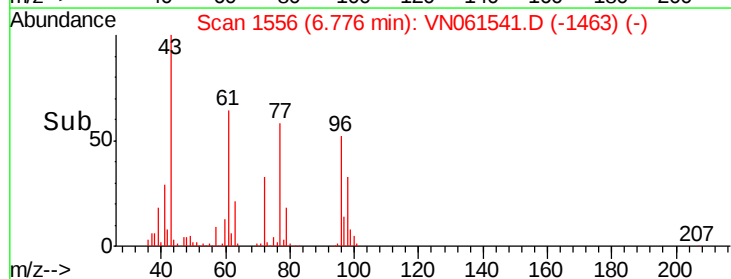
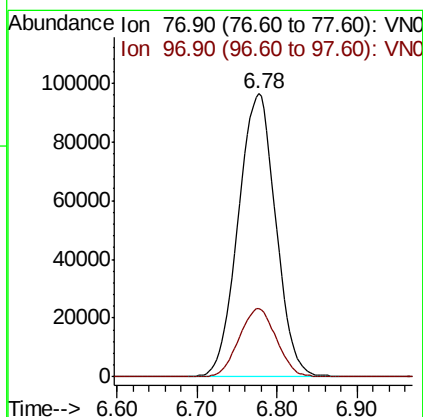
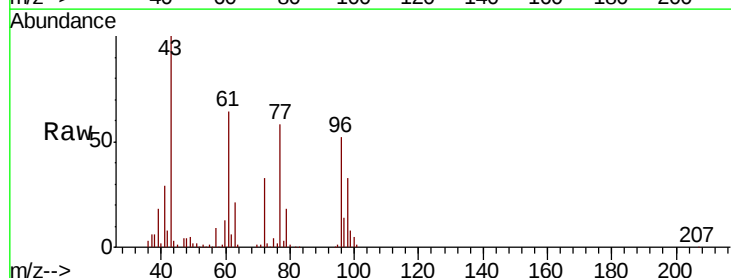
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

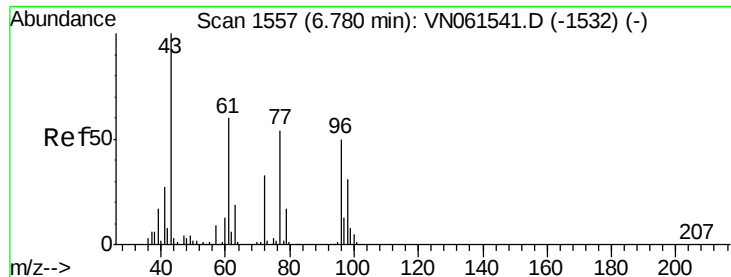
Tot Ion: 43 Resp: 529707
Ion Ratio Lower Upper
43 100
72 32.5 26.0 39.0



#26
2,2-Dichloropropane
Concen: 39.394 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion: 77 Resp: 307114
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 46.443 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

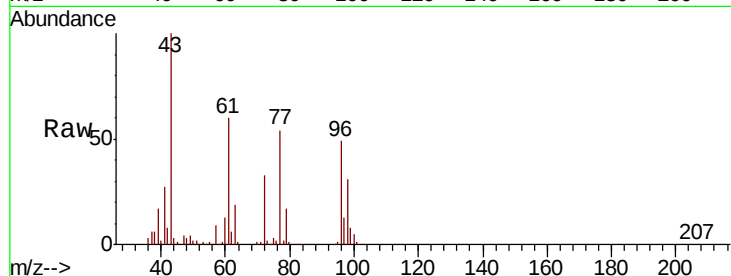
Tot Ion: 96 Resp: 247929

Ion Ratio Lower Upper

96 100

61 126.1 0.0 252.2

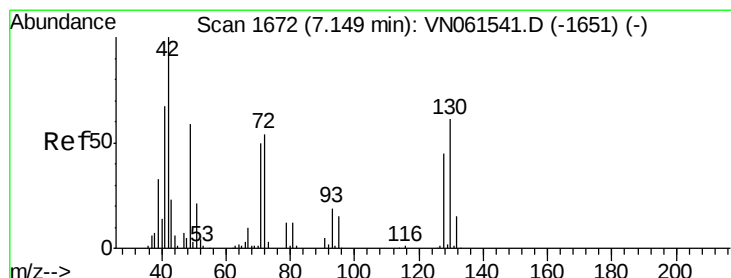
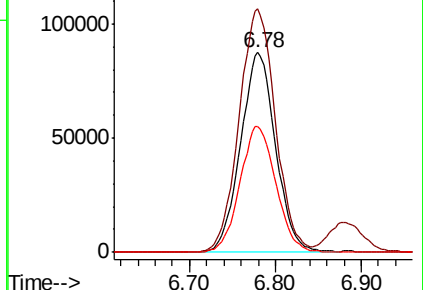
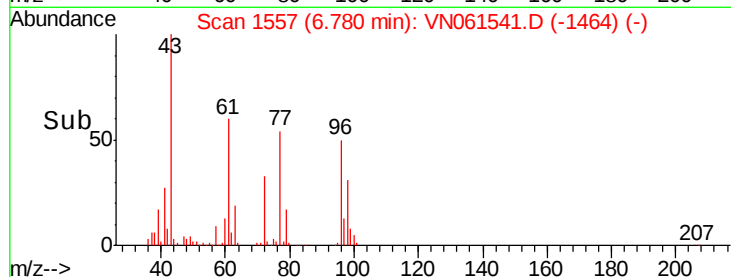
98 64.6 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 40.254 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

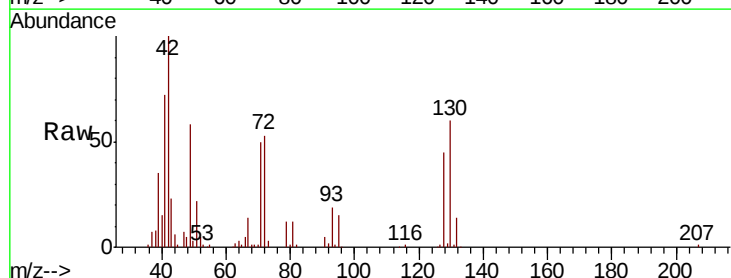
Tgt Ion: 49 Resp: 136915

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

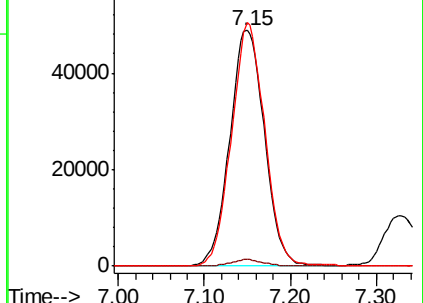
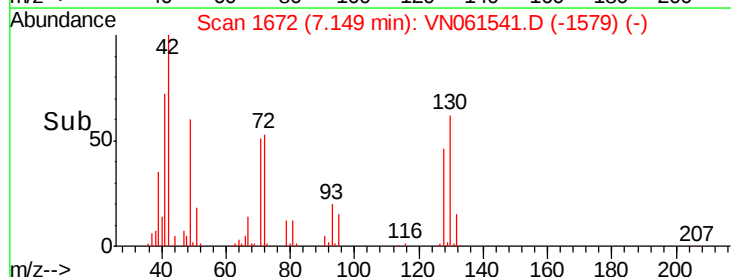
130 98.5 78.8 118.2

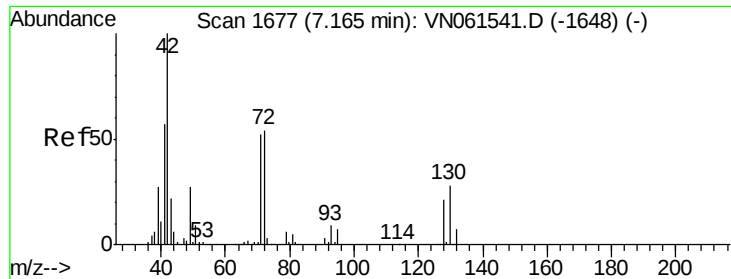


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

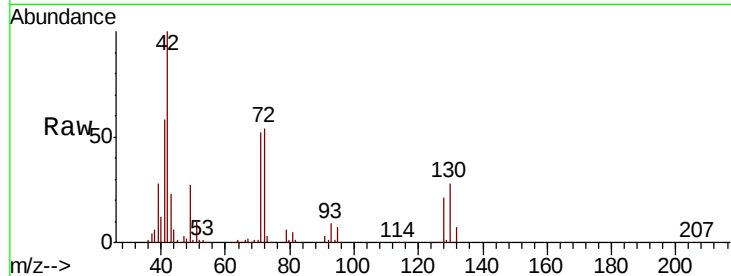




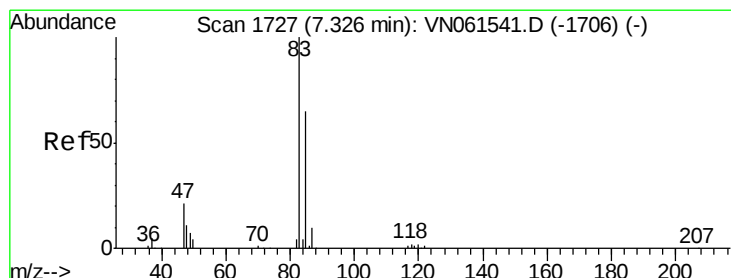
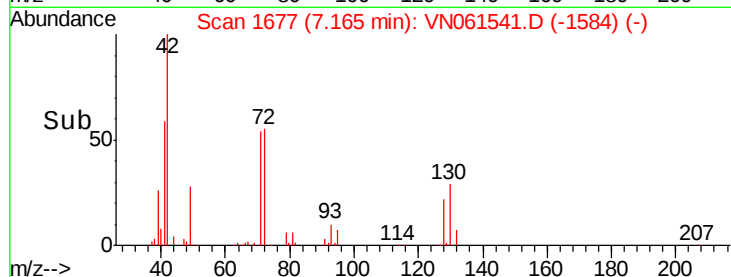
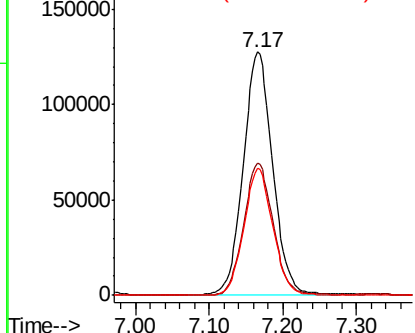
#29
Tetrahydrofuran
Concen: 209.457 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion: 42 Resp: 353959
Ion Ratio Lower Upper
42 100
72 54.5 43.6 65.4
71 51.5 41.2 61.8

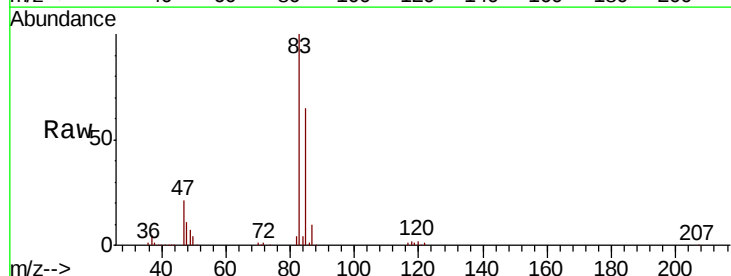


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

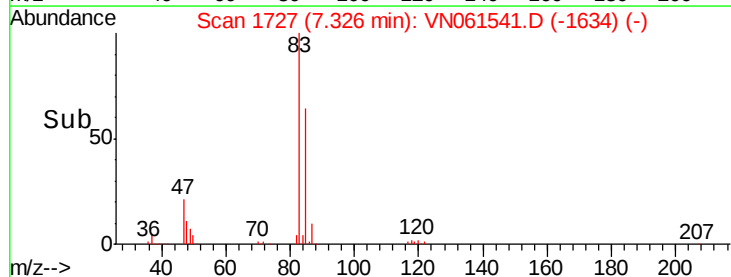
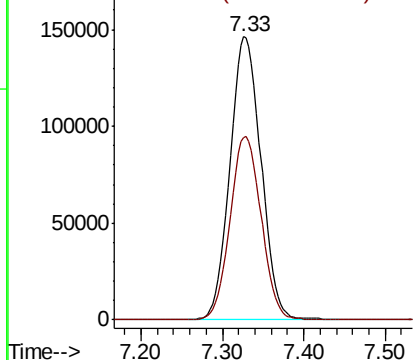


#30
Chloroform
Concen: 45.094 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion: 83 Resp: 389514
Ion Ratio Lower Upper
83 100
85 64.6 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: 40.296 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

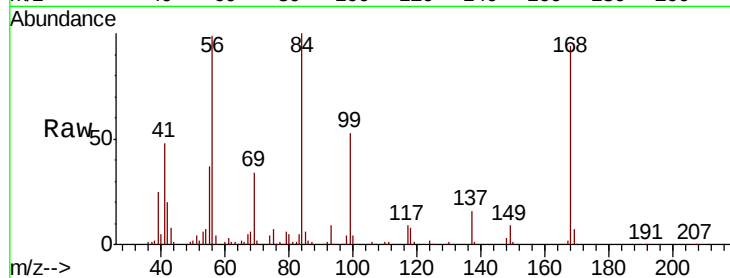
Tot Ion: 56 Resp: 315080

Ion Ratio Lower Upper

56 100

69 34.8 27.8 41.8

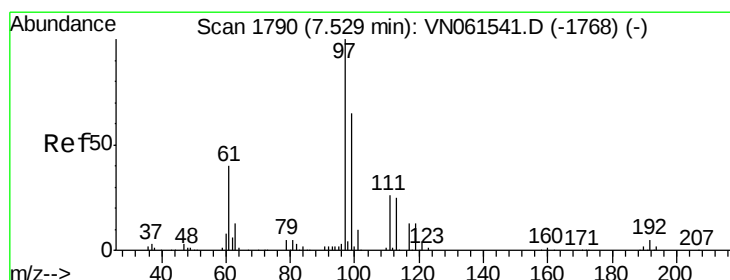
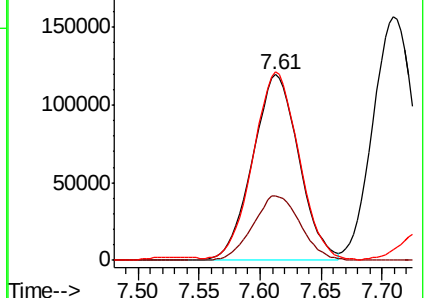
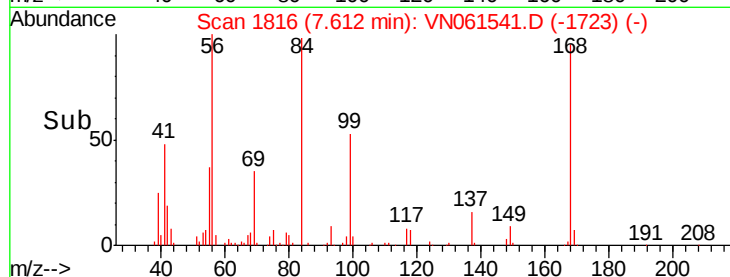
84 99.9 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061541.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061541.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 44.862 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

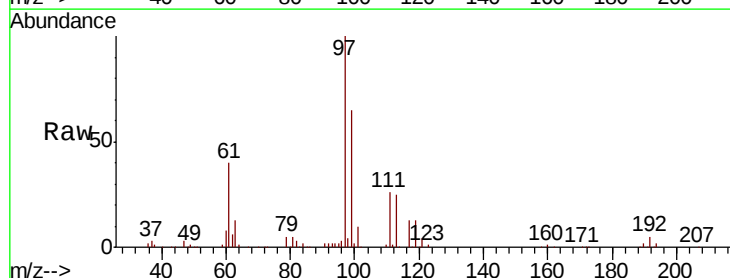
Tgt Ion: 97 Resp: 354538

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

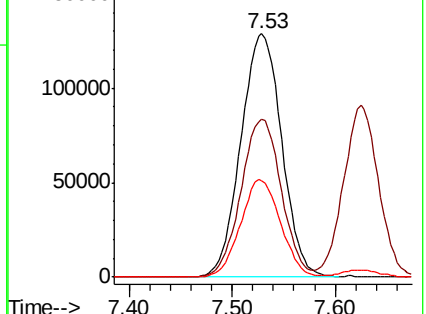
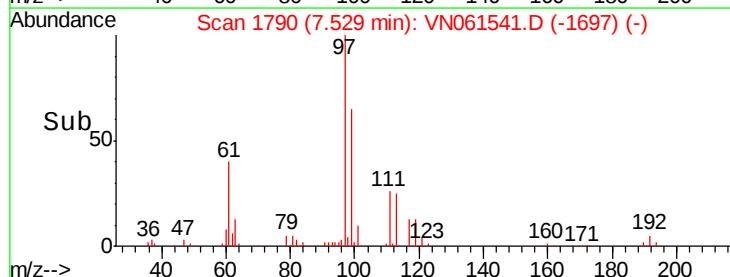
61 39.2 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061541.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN061541.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN061541.D (-1768) (-)

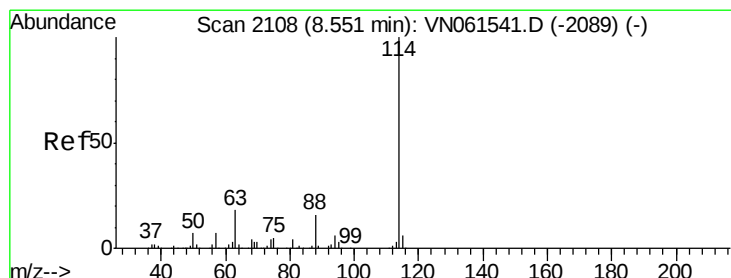
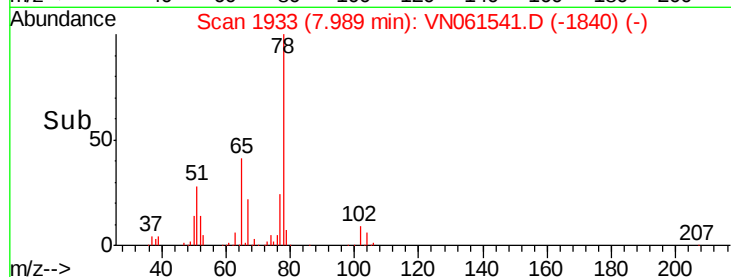
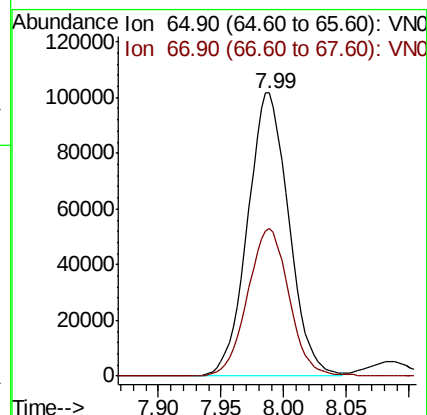
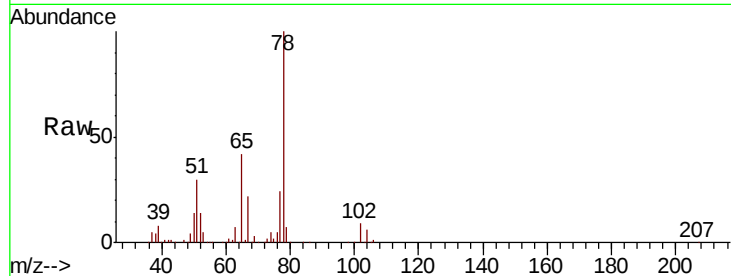




#33
 1,2-Dichloroethane-d4
 Concen: 41.480 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

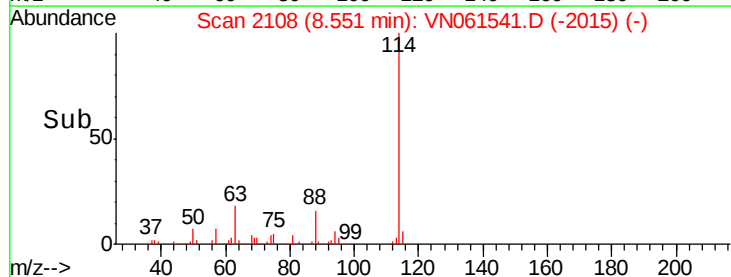
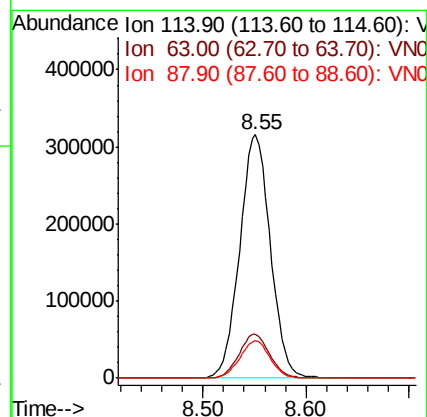
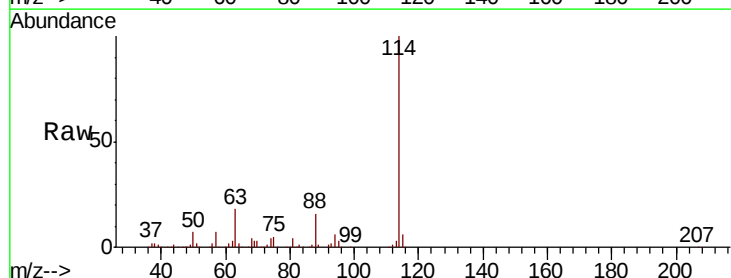
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 65 Resp: 232646
 Ion Ratio Lower Upper
 65 100
 67 52.4 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: VN061541.D
 Acq: 28 May 2020 18:55

Tgt Ion: 114 Resp: 652759
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 35.8
 88 15.5 0.0 31.0

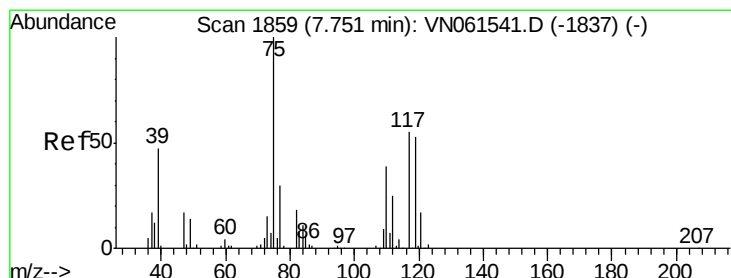
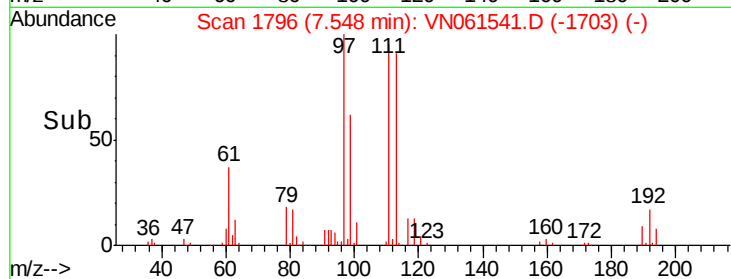
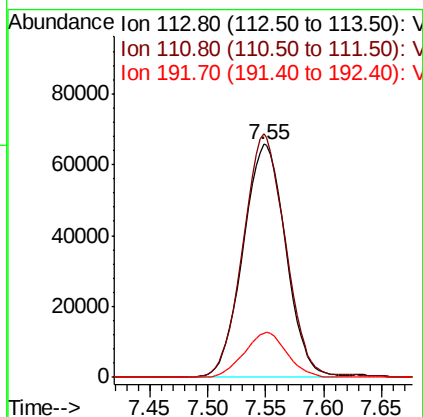
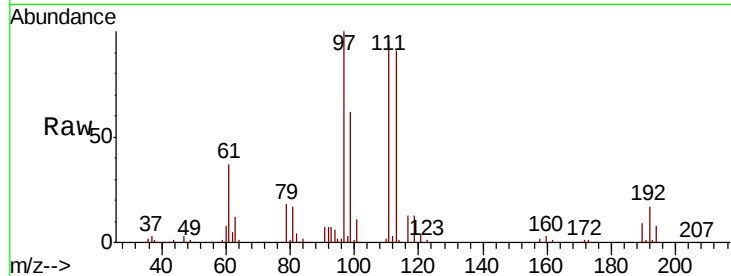




#35
 Dibromofluoromethane
 Concen: 49.059 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

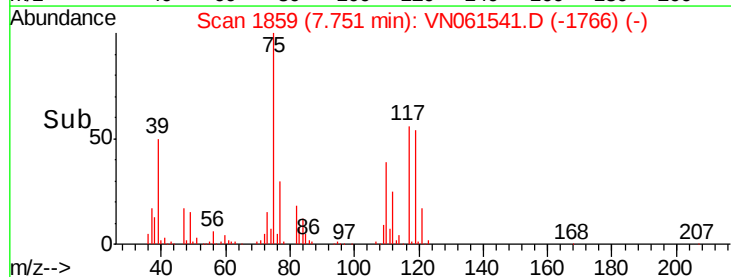
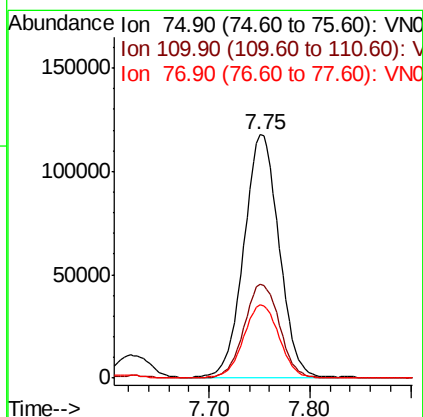
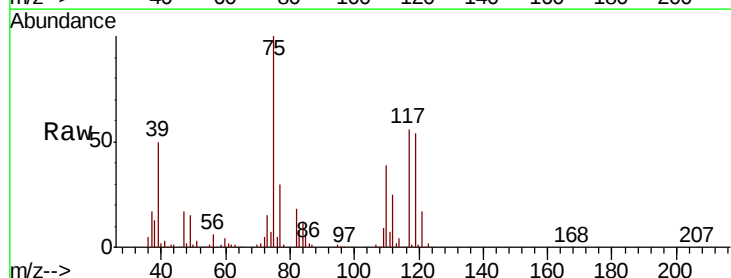
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.4	125.0
192	19.3	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 47.100 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.5	58.5
77	30.9	24.7	37.1

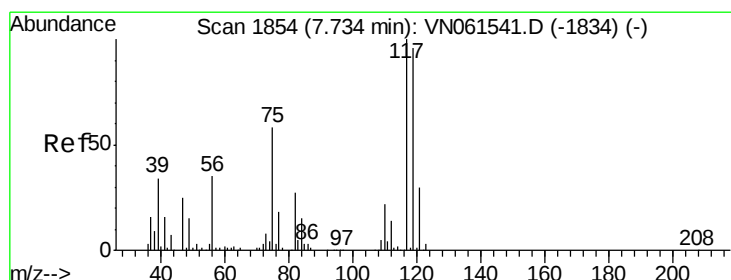
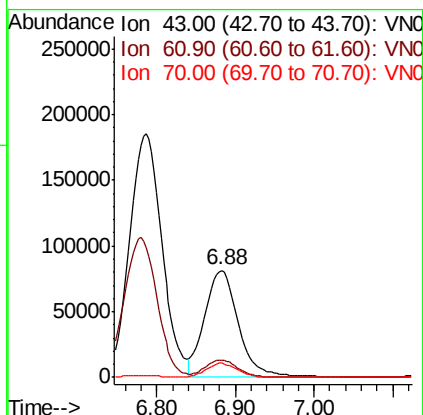
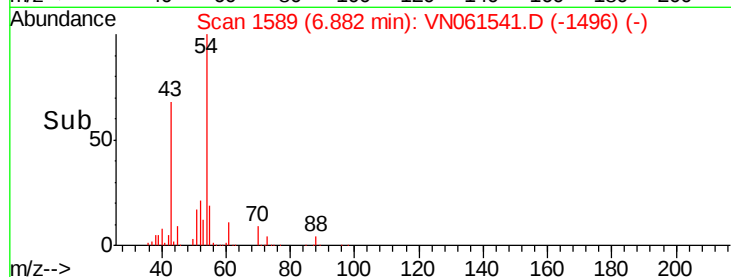
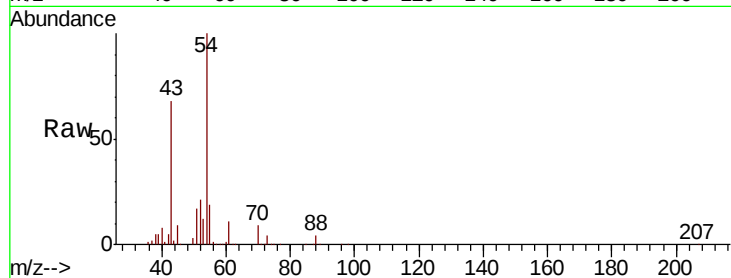




#37
Ethyl Acetate
Concen: 43.688 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

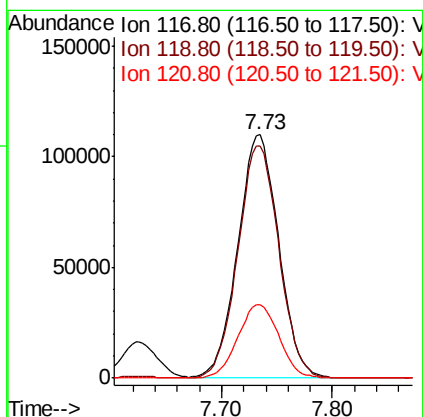
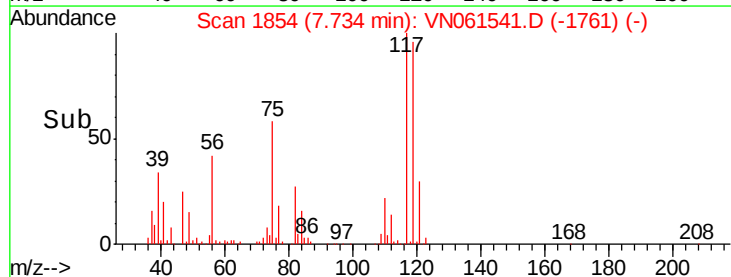
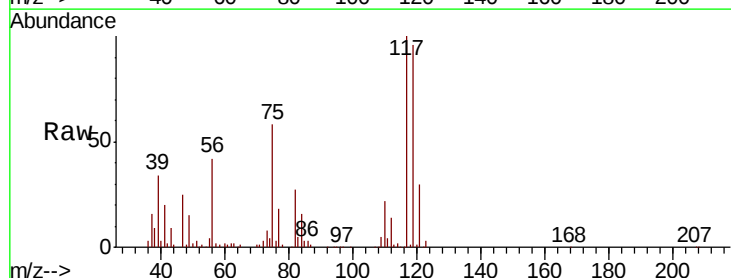
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

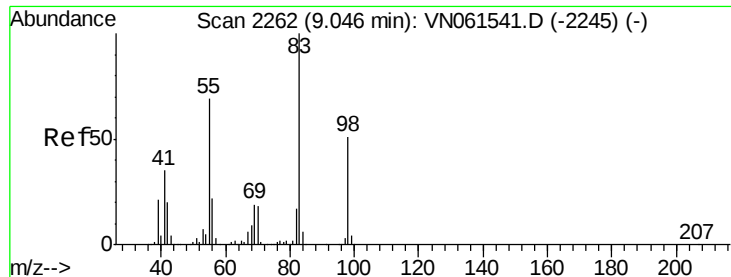
Tot Ion: 43 Resp: 237794
Ion Ratio Lower Upper
43 100
61 15.3 12.2 18.4
70 11.8 9.4 14.2



#38
Carbon Tetrachloride
Concen: 50.431 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion: 117 Resp: 280607
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
121 30.1 24.1 36.1

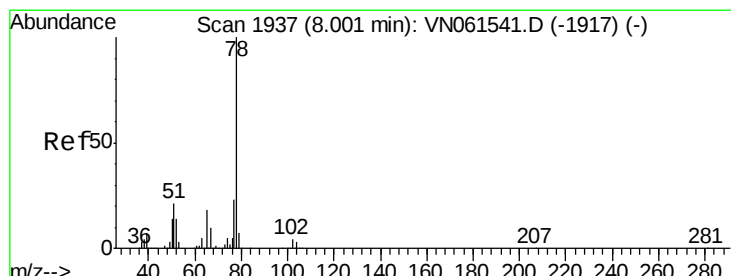
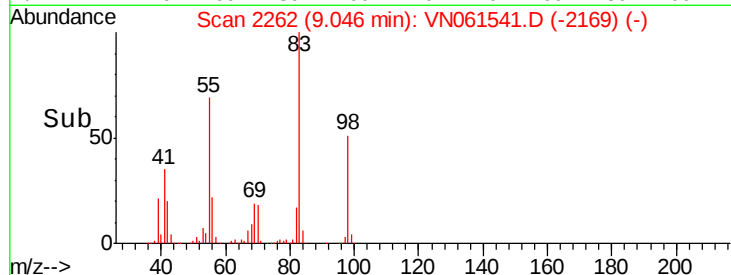
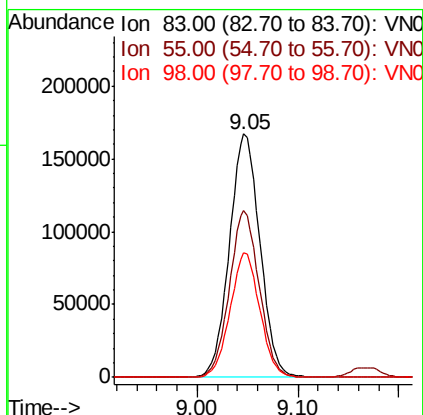
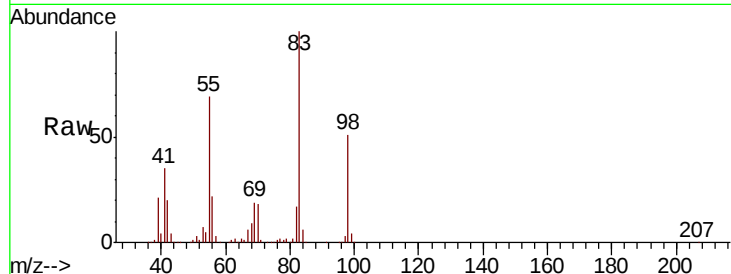




#39
Methvlcvclohexane
Concen: 47.726 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

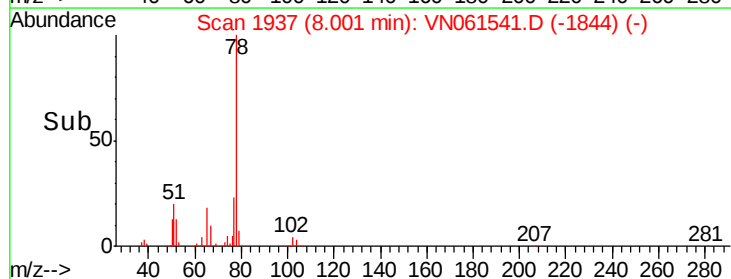
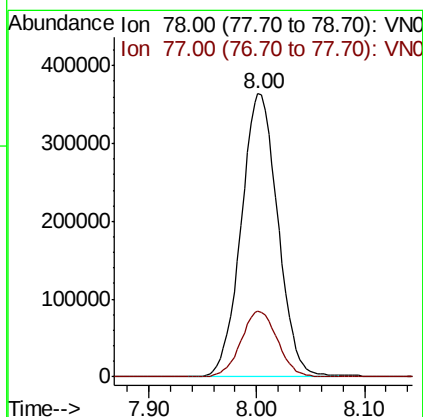
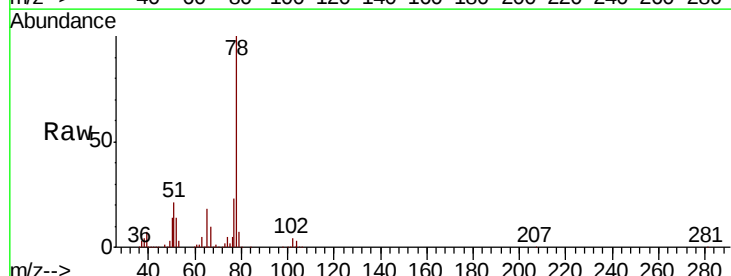
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

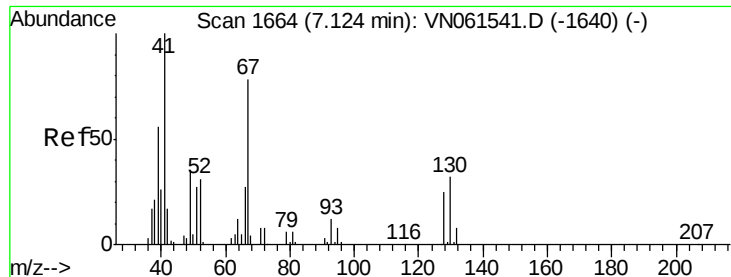
Tot Ion: 83 Resp: 351401
Ion Ratio Lower Upper
83 100
55 68.6 54.9 82.3
98 51.2 41.0 61.4



#40
Benzene
Concen: 47.322 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion: 78 Resp: 859236
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

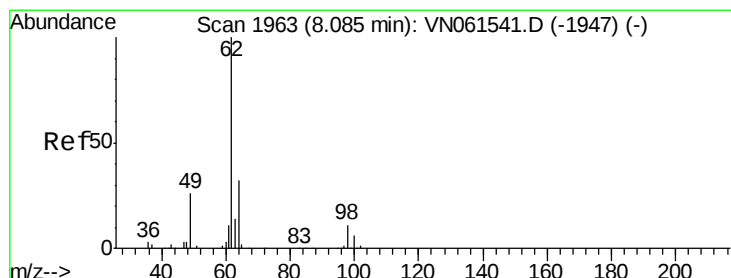
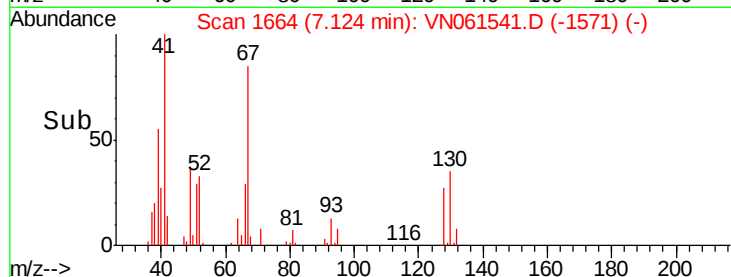
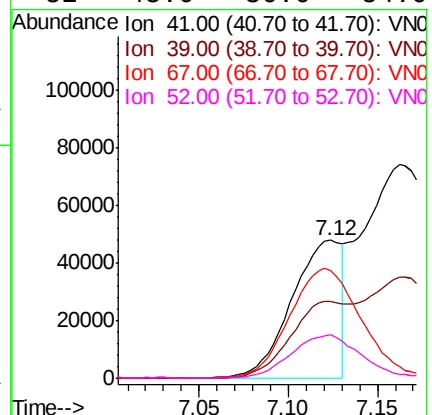
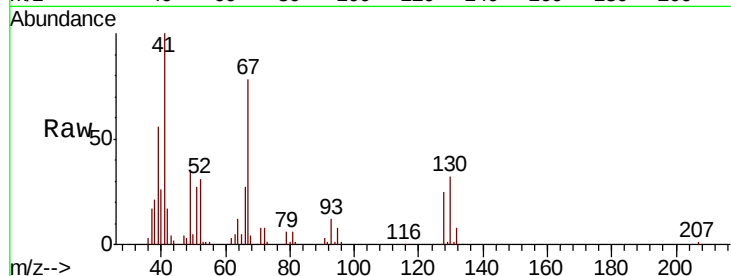




#41
Methacrylonitrile
Concen: 41.710 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

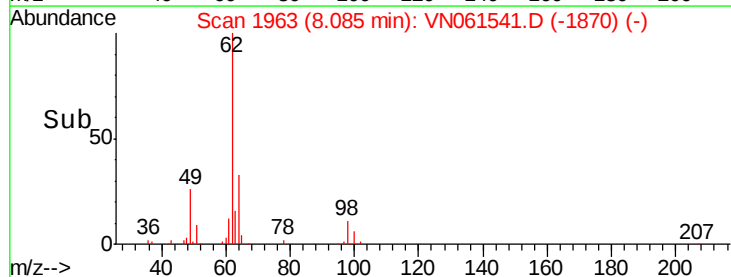
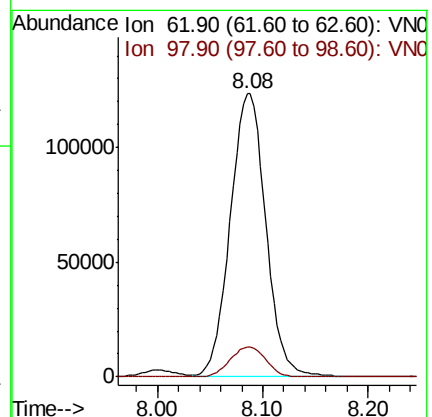
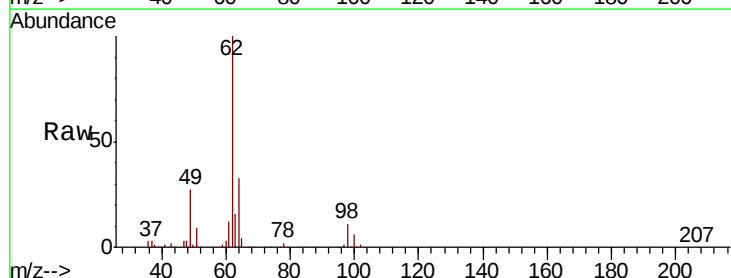
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

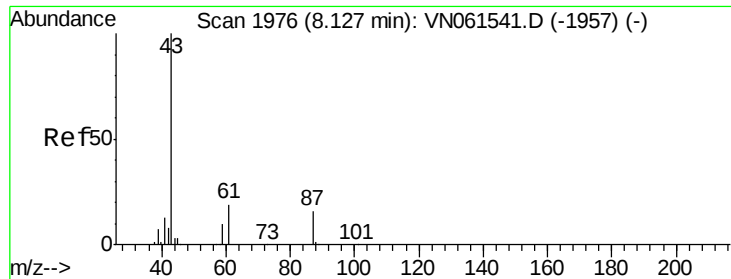
Tot Ion: 41 Resp: 93340
Ion Ratio Lower Upper
41 100
39 67.2 53.8 80.6
67 113.9 91.1 136.7
52 45.0 36.0 54.0



#42
1,2-Dichloroethane
Concen: 44.305 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion: 62 Resp: 286784
Ion Ratio Lower Upper
62 100
98 10.7 0.0 21.4





#43

Isopropyl Acetate

Concen: 43.323 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

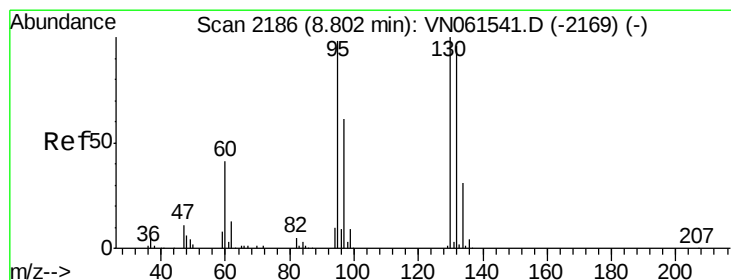
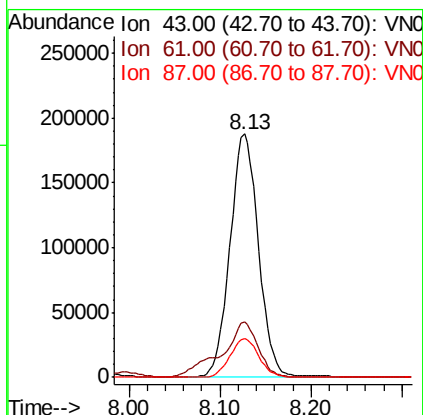
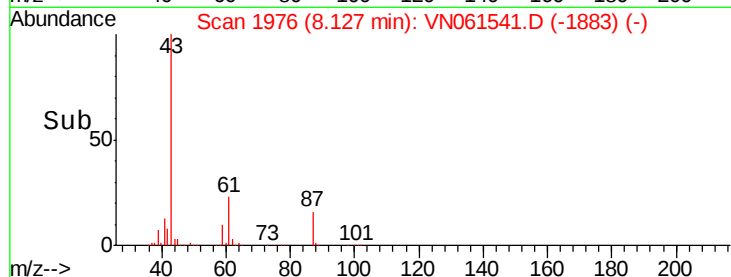
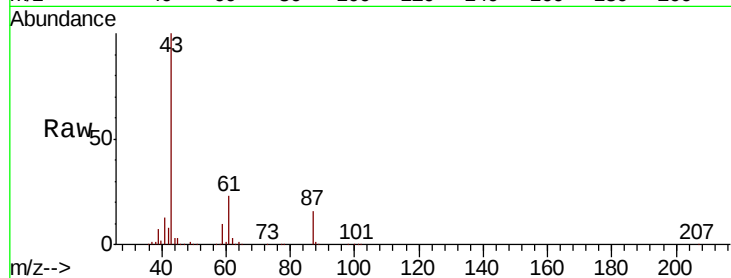
Tot Ion: 43 Resp: 408112

Ion Ratio Lower Upper

43 100

61 29.5 23.6 35.4

87 16.3 13.0 19.6



#44

Trichloroethene

Concen: 55.440 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061541.D

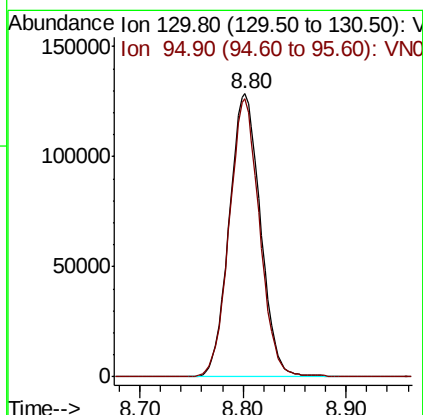
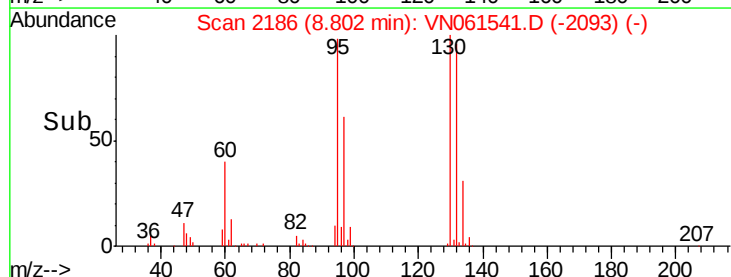
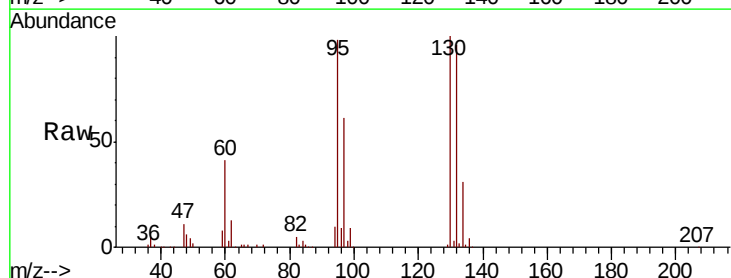
Acq: 28 May 2020 18:55

Tgt Ion: 130 Resp: 272281

Ion Ratio Lower Upper

130 100

95 98.3 0.0 196.6

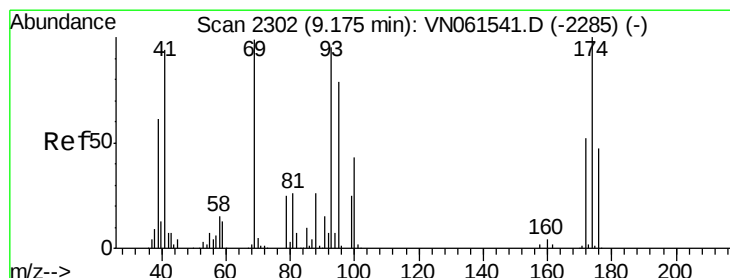
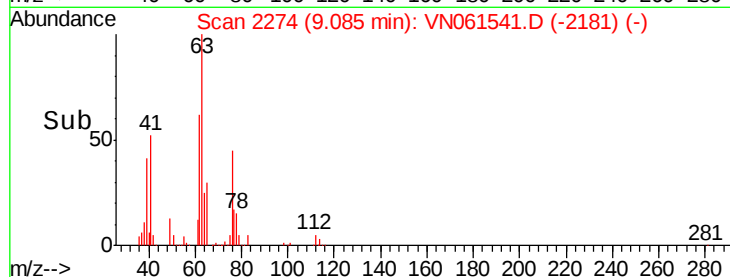
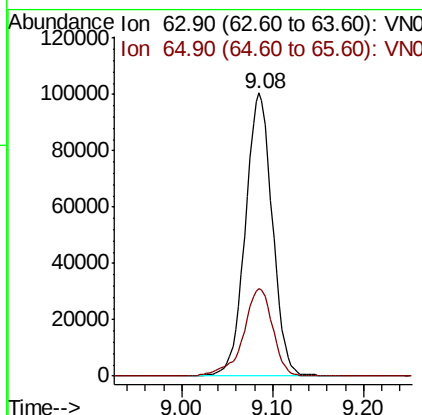
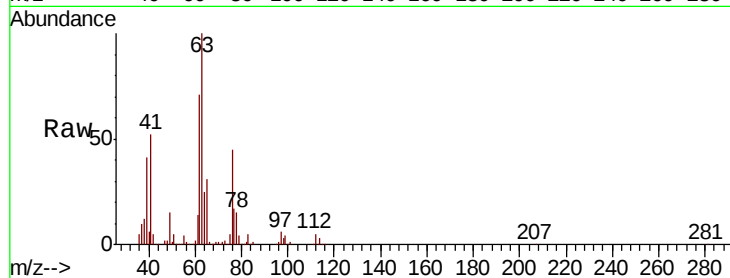




#45
 1,2-Dichloropropane
 Concen: 45.824 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

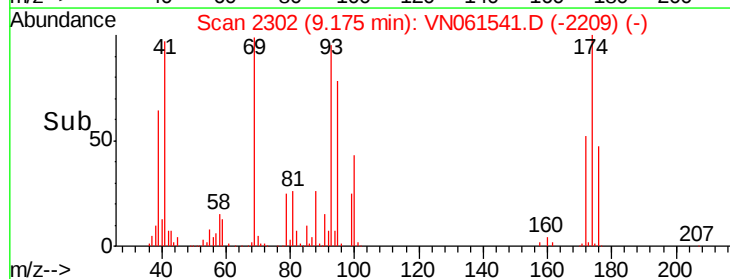
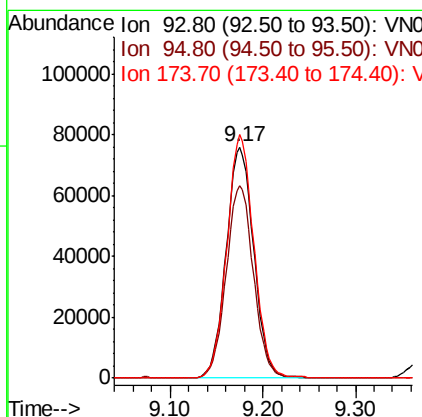
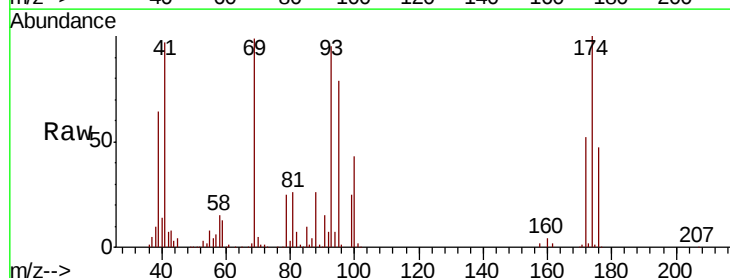
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 206730
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 48.864 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

Tgt Ion: 93 Resp: 156761
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.0 99.0
 174 103.1 82.5 123.7





#47

Bromodichloromethane

Concen: 47.448 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

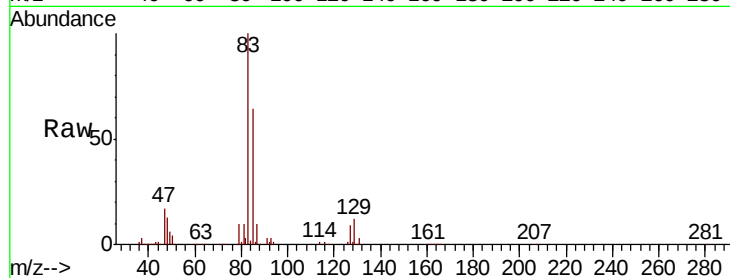
Tot Ion: 83 Resp: 317340

Ion Ratio Lower Upper

83 100

85 63.9 51.1 76.7

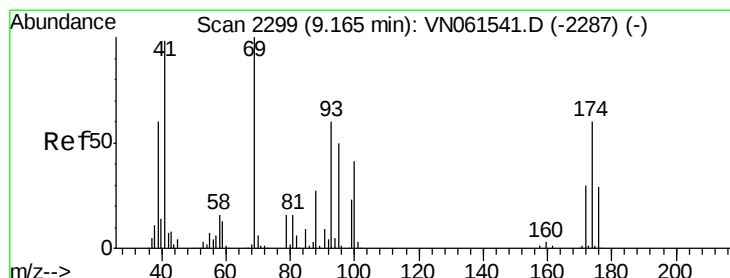
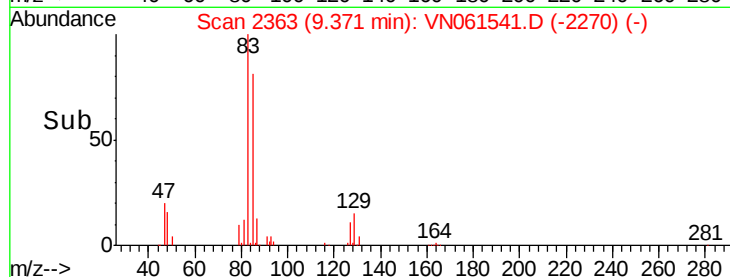
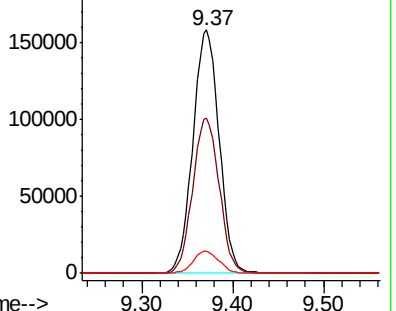
127 9.0 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-2346) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-2346) (-)

Ion 126.80 (126.50 to 127.50): VN061541.D (-2346) (-)



#48

Methyl methacrylate

Concen: 41.201 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

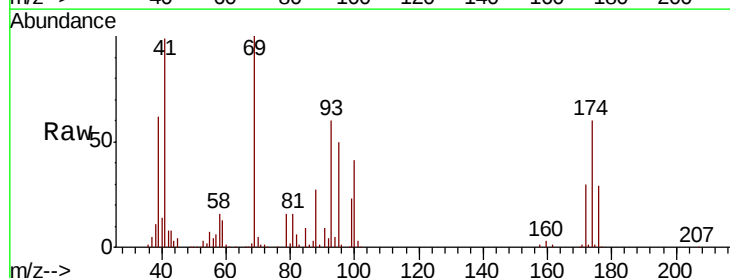
Tgt Ion: 41 Resp: 178223

Ion Ratio Lower Upper

41 100

69 104.9 83.9 125.9

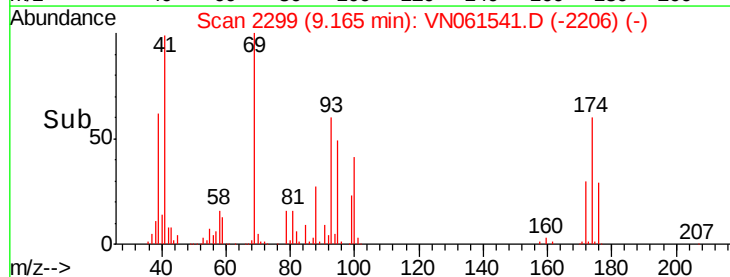
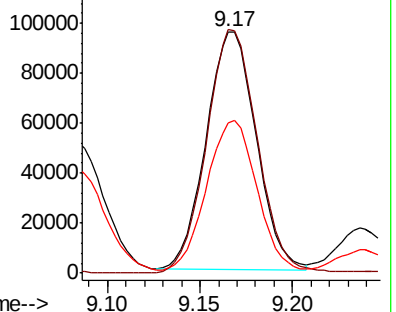
39 65.1 52.1 78.1

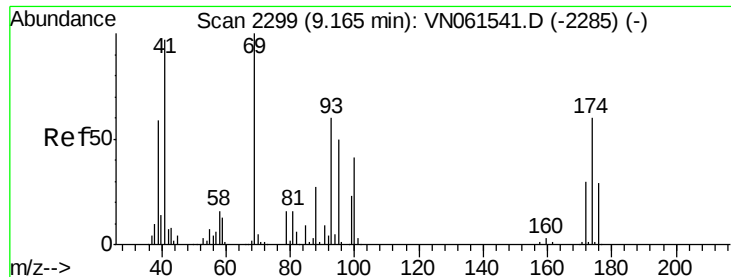


Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN061541.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-2287) (-)





#49

1,4-Dioxane

Concen: 981.684 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

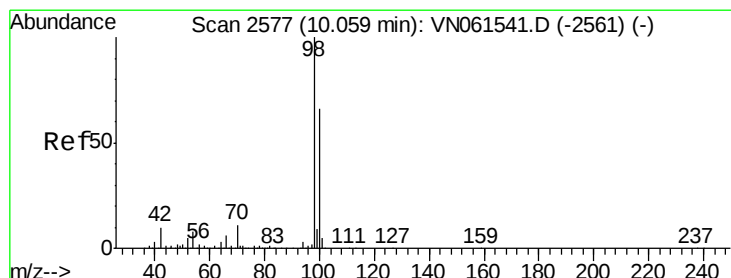
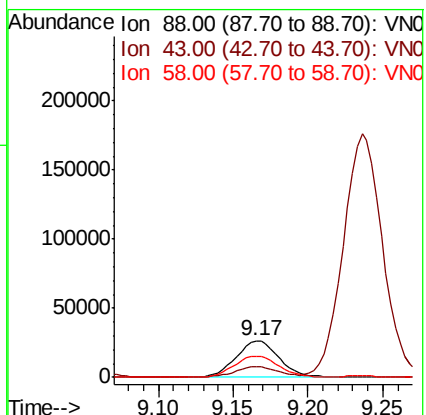
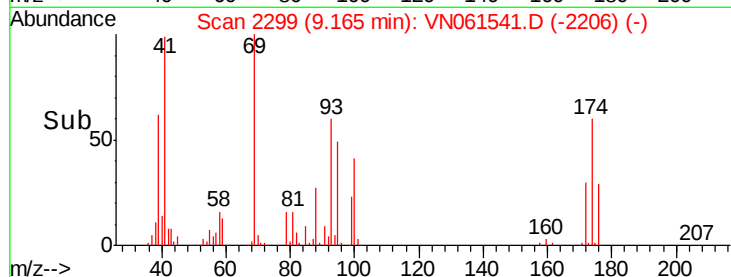
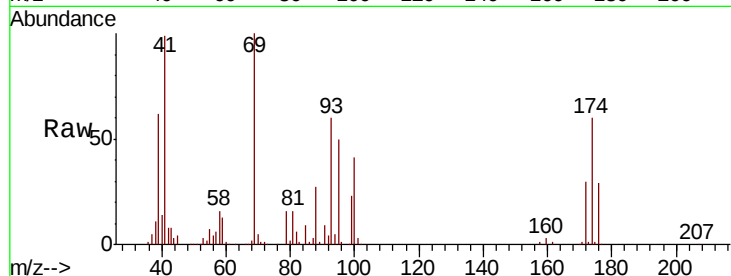
Tot Ion: 88 Resp: 53171

Ion Ratio Lower Upper

88 100

43 28.9 23.1 34.7

58 60.4 48.3 72.5



#50

Toluene-d8

Concen: 48.854 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061541.D

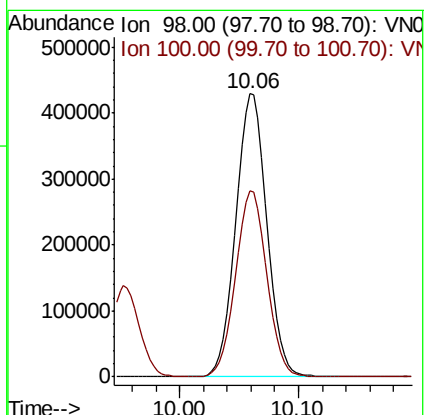
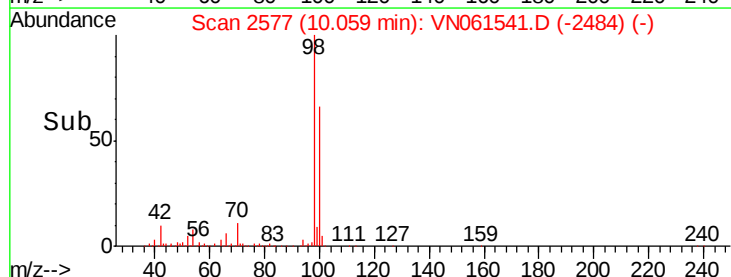
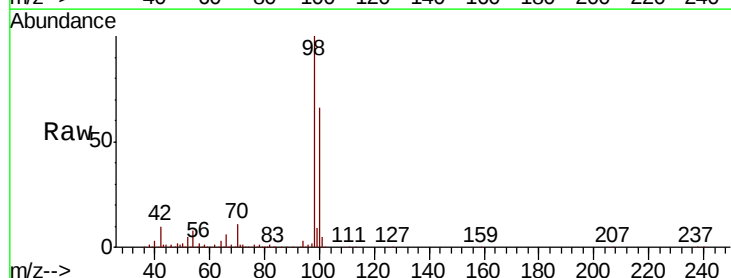
Acq: 28 May 2020 18:55

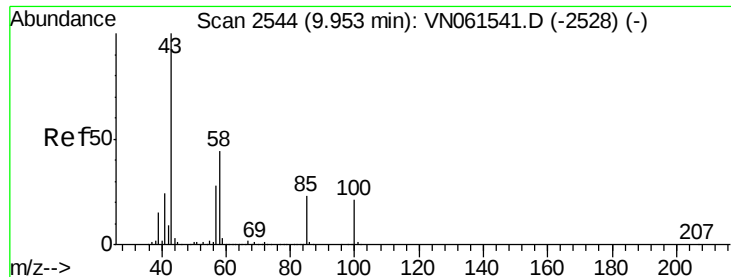
Tgt Ion: 98 Resp: 776830

Ion Ratio Lower Upper

98 100

100 66.0 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 229.299 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

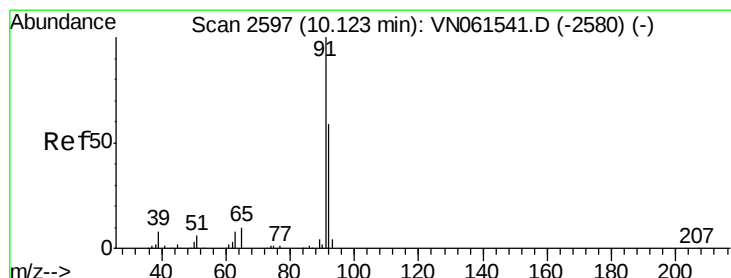
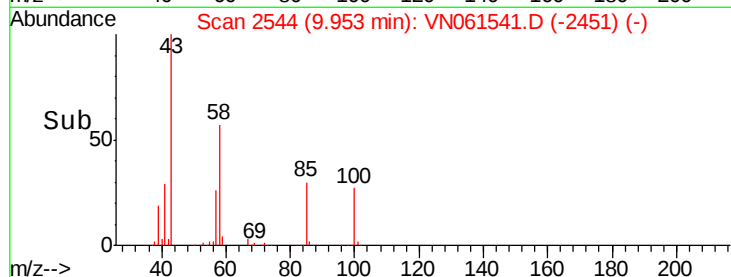
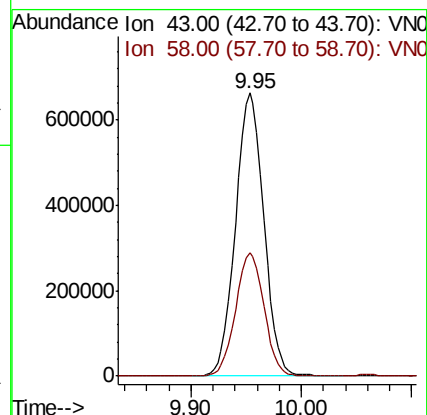
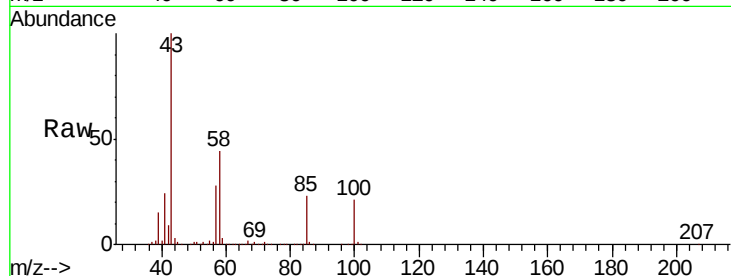
VSTDICCC050

Tot Ion: 43 Resp: 1178609

Ion Ratio Lower Upper

43 100

58 43.8 35.0 52.6



#52

Toluene

Concen: 49.068 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061541.D

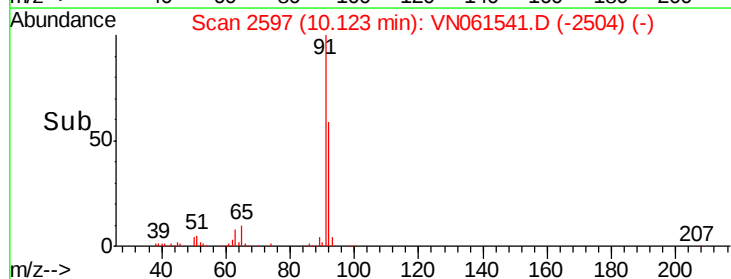
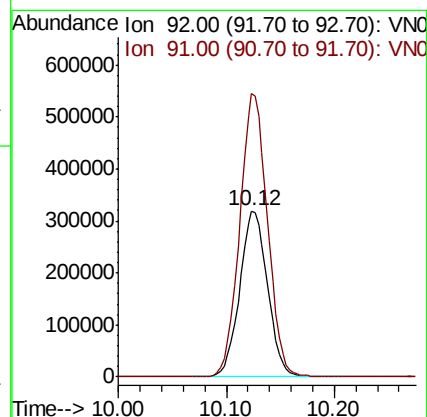
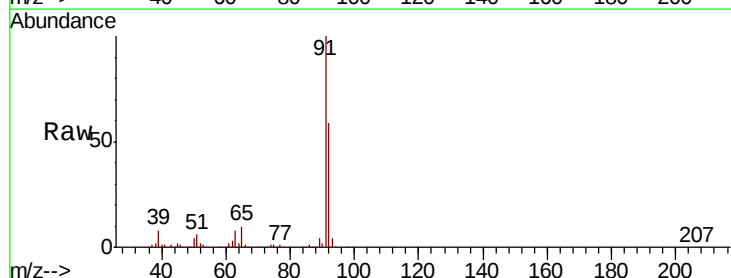
Acq: 28 May 2020 18:55

Tgt Ion: 92 Resp: 573956

Ion Ratio Lower Upper

92 100

91 170.5 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 47.076 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

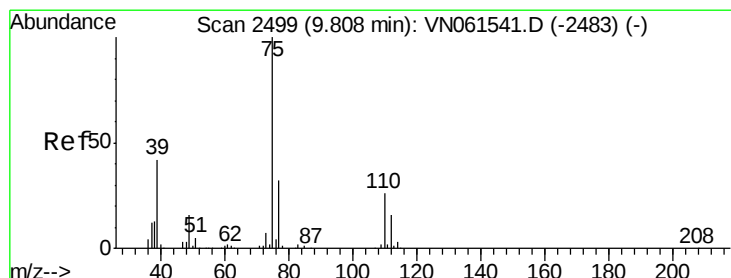
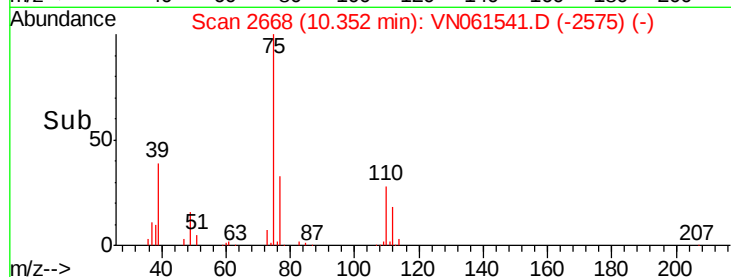
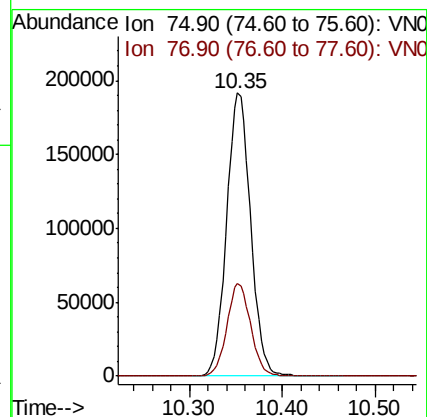
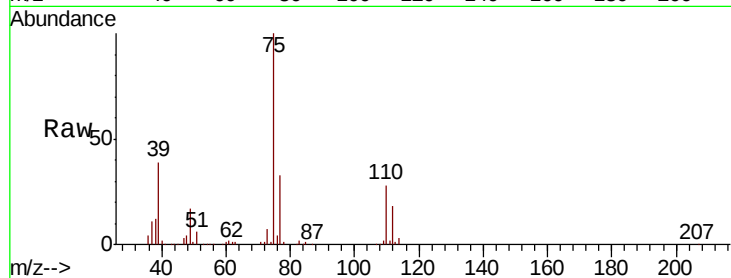
VSTDICCC050

Tot Ion: 75 Resp: 343493

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 46.645 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

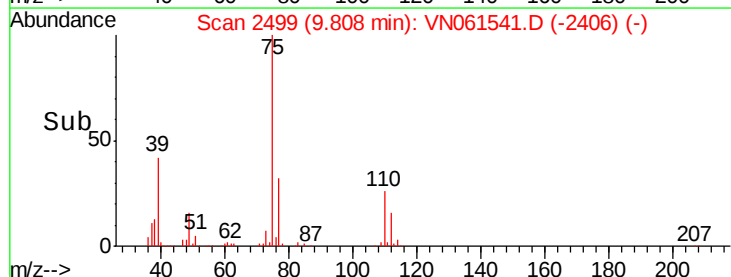
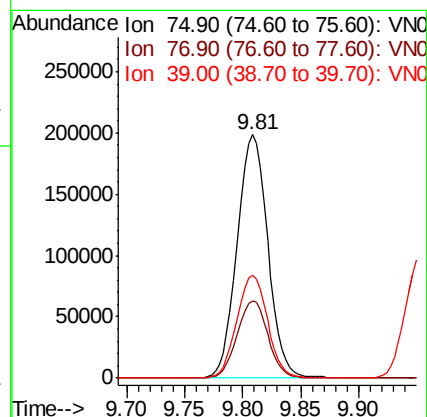
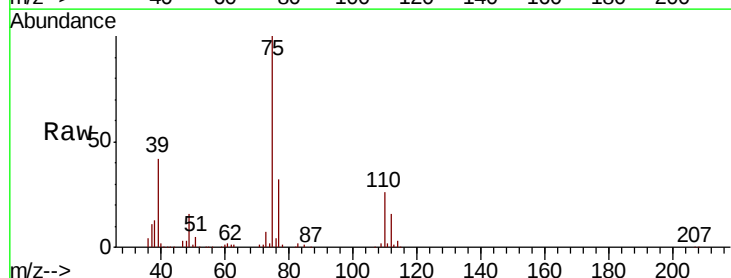
Tgt Ion: 75 Resp: 363772

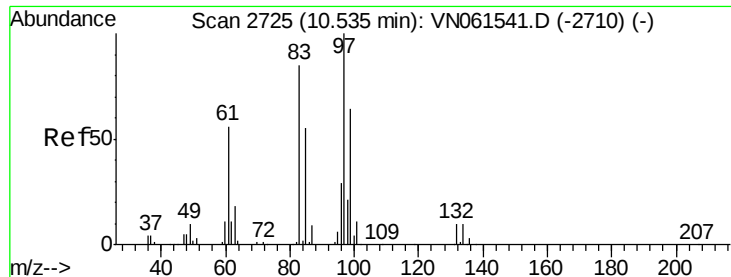
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 42.2 33.8 50.6

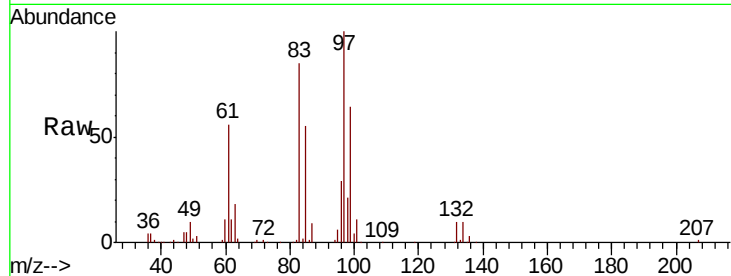




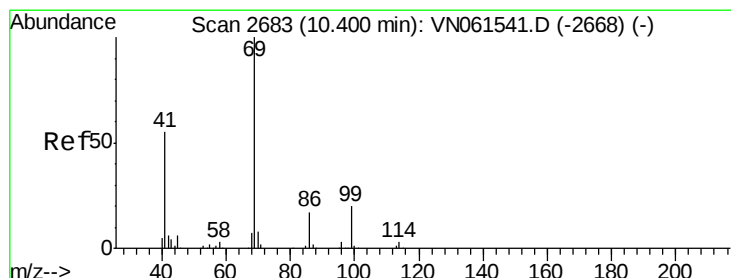
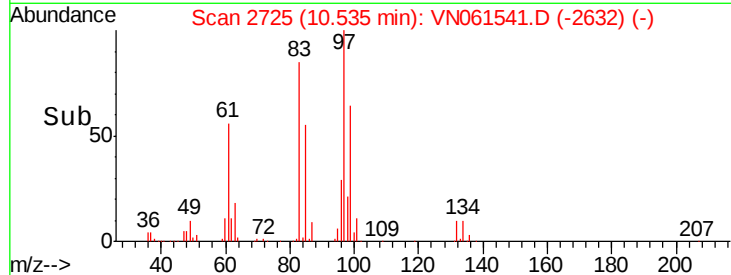
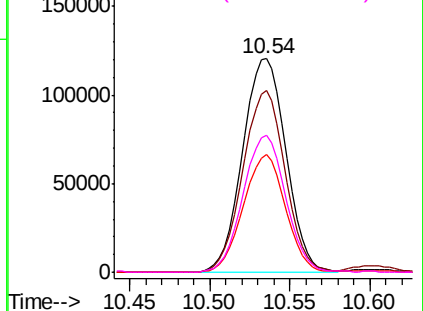
#55
 1,1,2-Trichloroethane
 Concen: 50.501 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	224148
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	55.1	44.1	66.1
99	63.9	51.1	76.7

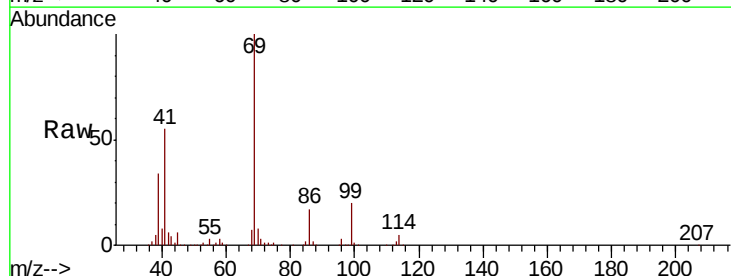


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

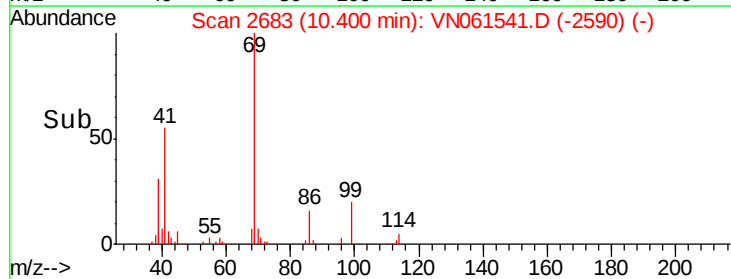
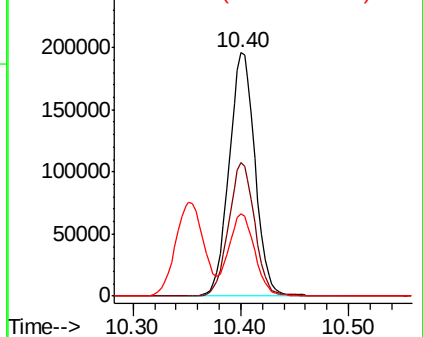


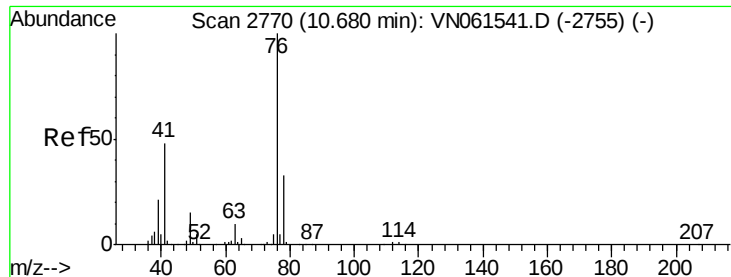
#56
 Ethyl methacrylate
 Concen: 47.926 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

Tgt Ion:	69	Resp:	328491
Ion	Ratio	Lower	Upper
69	100		
41	54.4	43.5	65.3
39	33.8	27.0	40.6



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





#57

1,3-Dichloropropane

Concen: 47.754 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

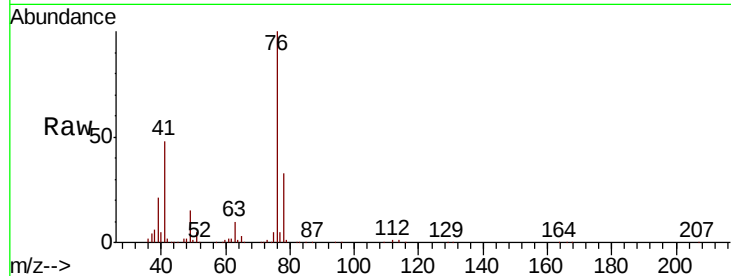
VSTDICCC050

Tot Ion: 76 Resp: 362713

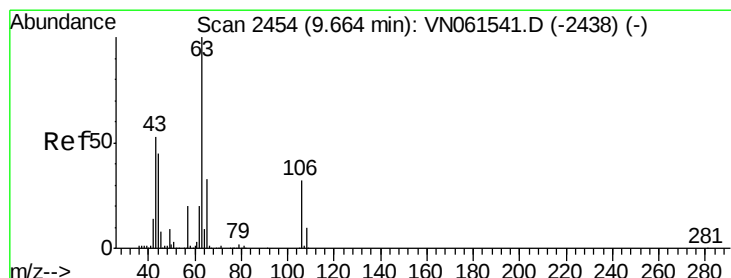
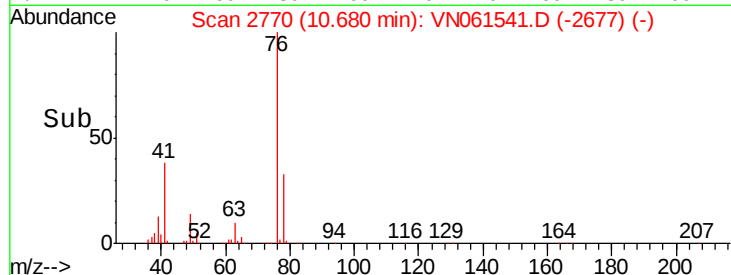
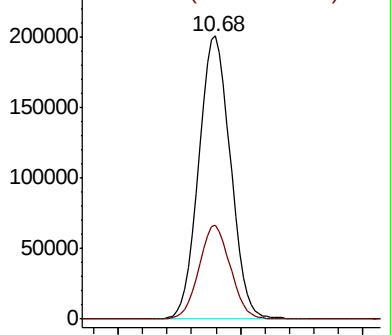
Ion Ratio Lower Upper

76 100

78 32.9 26.3 39.5



Abundance Ion 75.90 (75.60 to 76.60): VN061541.D (-2755) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 229.260 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061541.D

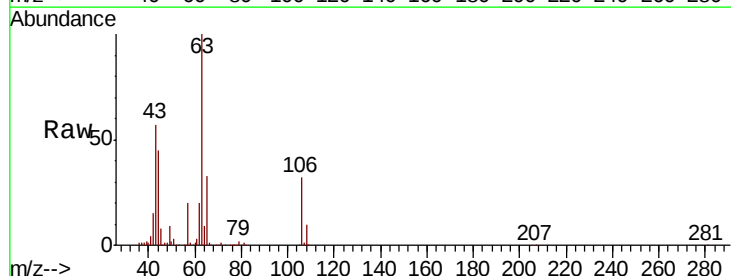
Acq: 28 May 2020 18:55

Tgt Ion: 63 Resp: 689276

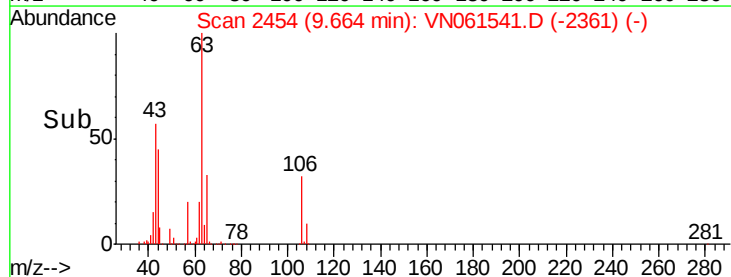
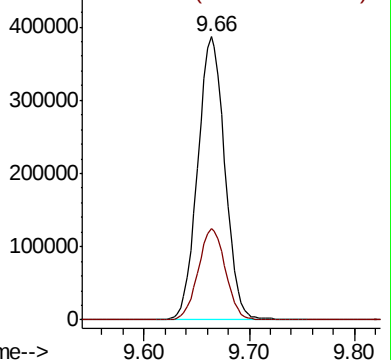
Ion Ratio Lower Upper

63 100

106 32.4 25.9 38.9



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-2438) (-)

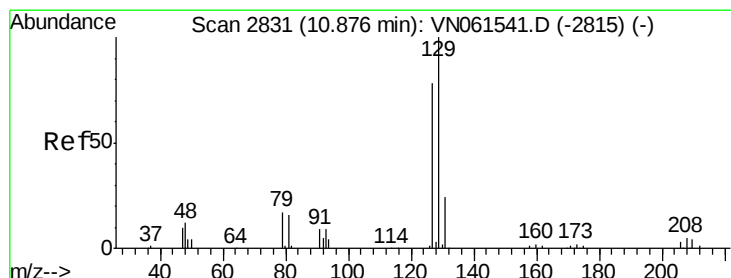
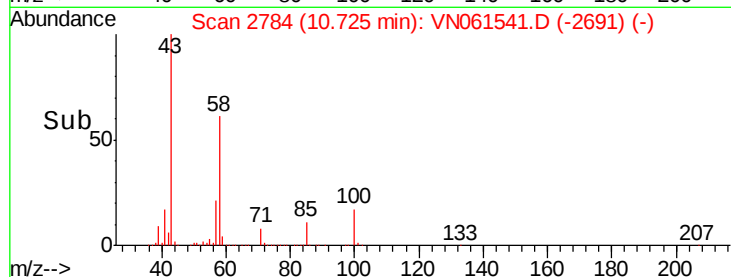
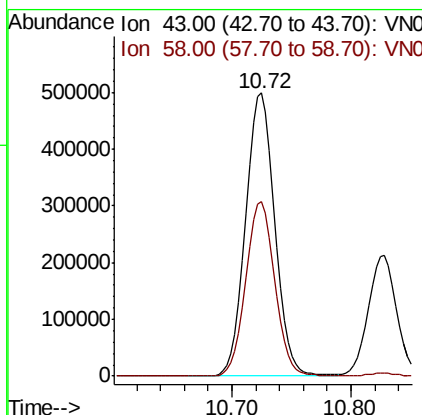
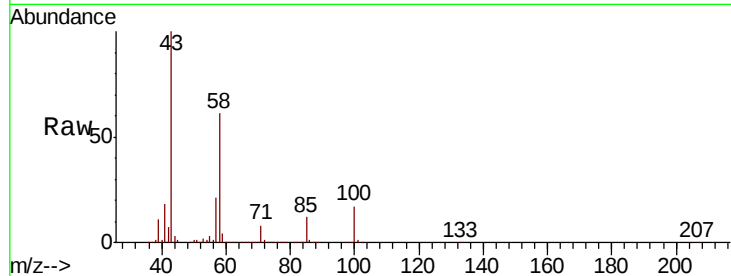




#59
2-Hexanone
Concen: 228.461 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

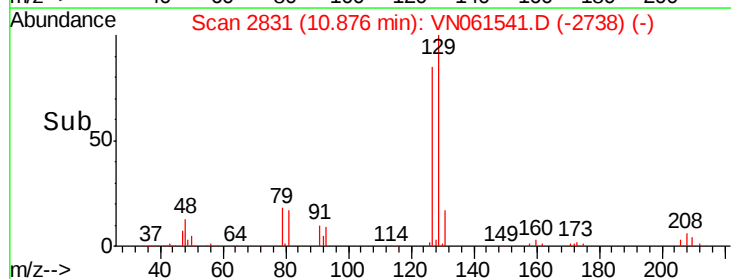
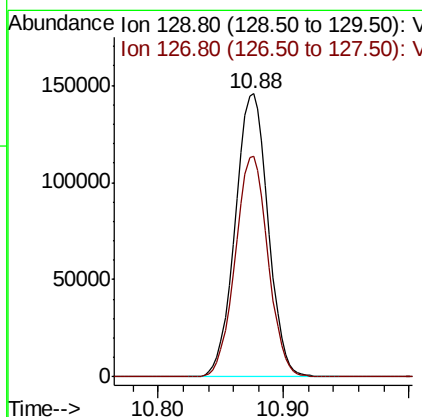
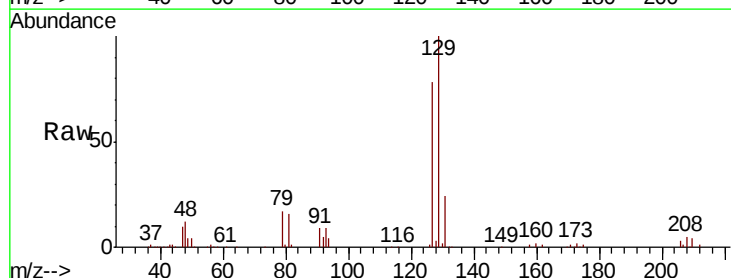
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 43 Resp: 849108
Ion Ratio Lower Upper
43 100
58 61.4 30.7 92.1



#60
Dibromochloromethane
Concen: 53.714 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion:129 Resp: 265824
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 51.127 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

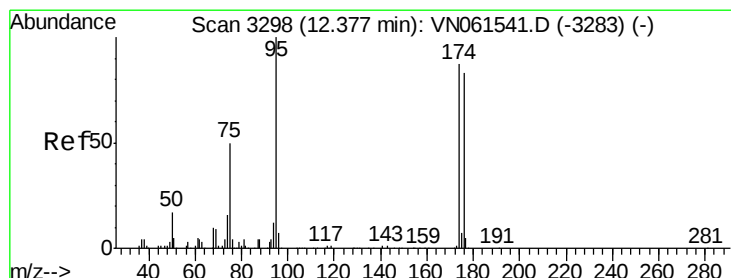
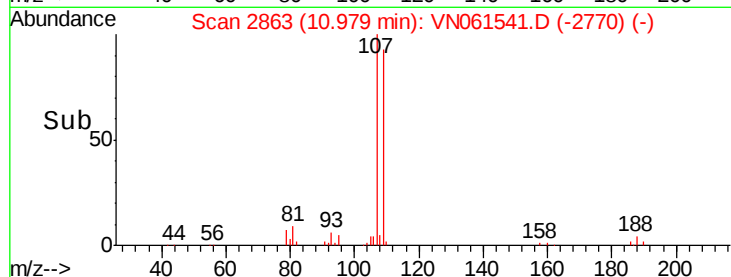
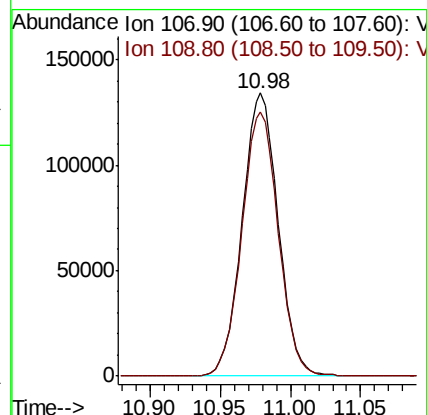
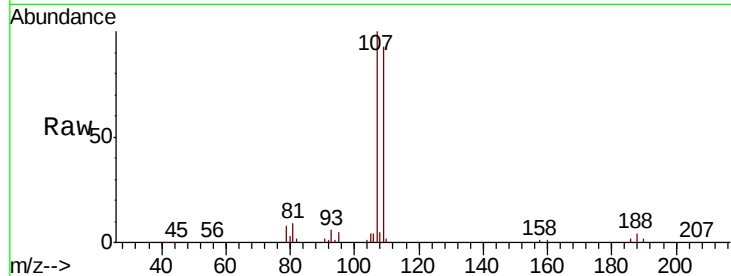
VSTDICCC050

Tot Ion:107 Resp: 239243

Ion Ratio Lower Upper

107 100

109 95.1 76.1 114.1



#62

4-Bromofluorobenzene

Concen: 47.309 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

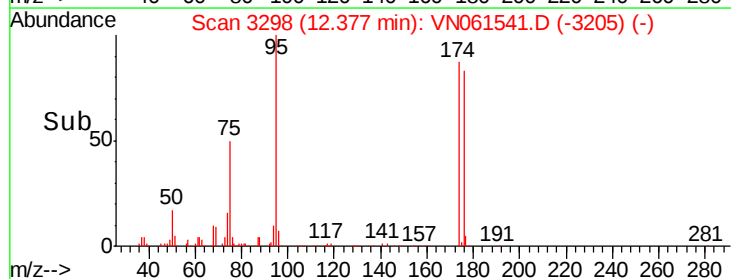
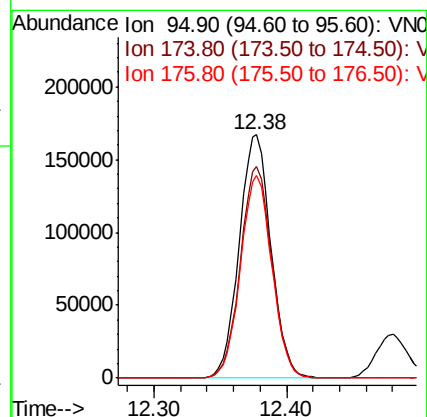
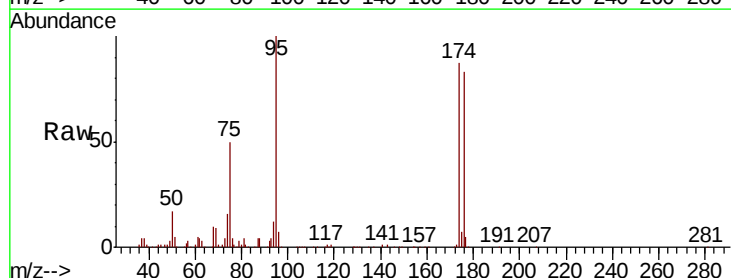
Tgt Ion: 95 Resp: 277960

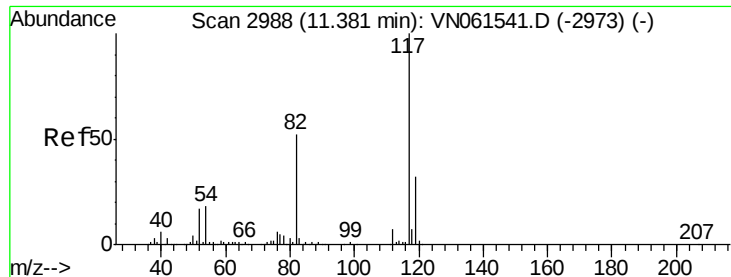
Ion Ratio Lower Upper

95 100

174 86.4 0.0 172.8

176 82.4 0.0 164.8

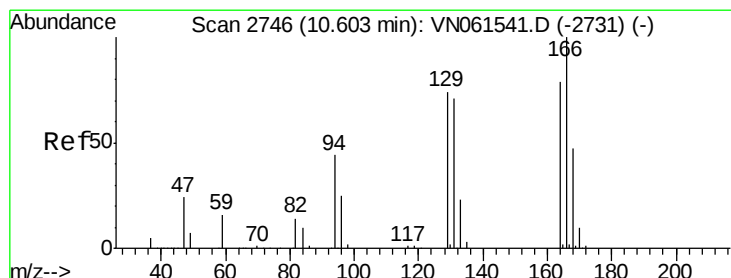
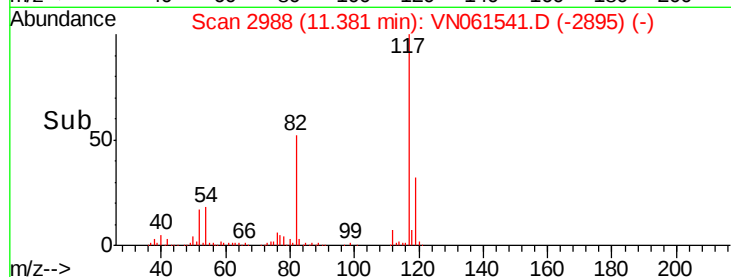
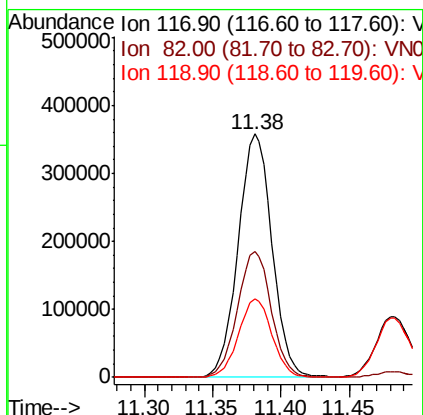
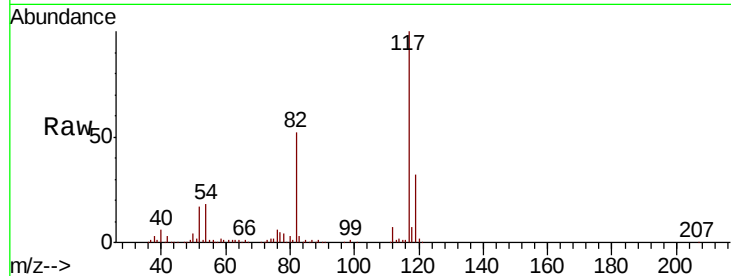




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

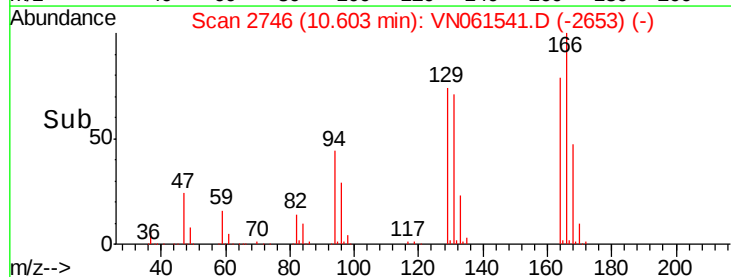
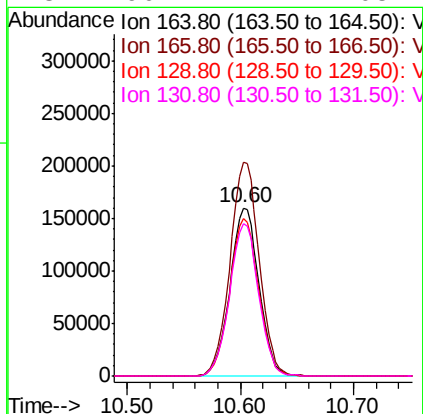
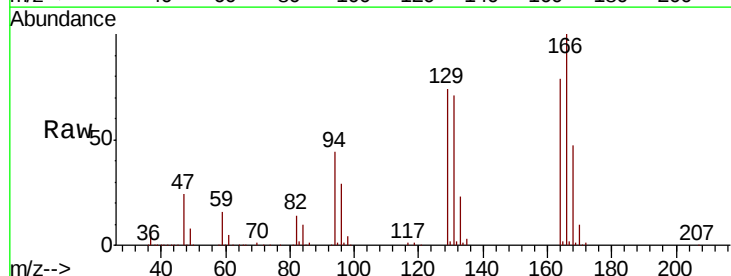
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

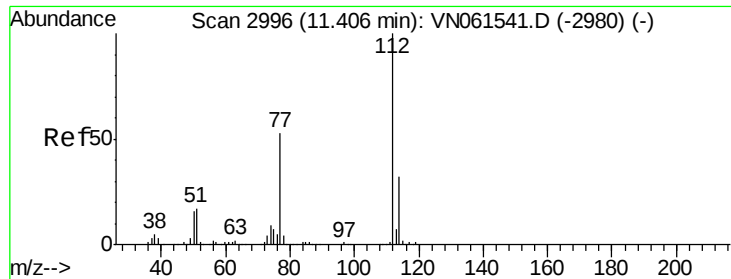
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.5	62.3
119	32.0	25.6	38.4



#64
Tetrachloroethene
Concen: 57.745 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.5	152.3
129	93.6	74.9	112.3
131	90.2	72.2	108.2

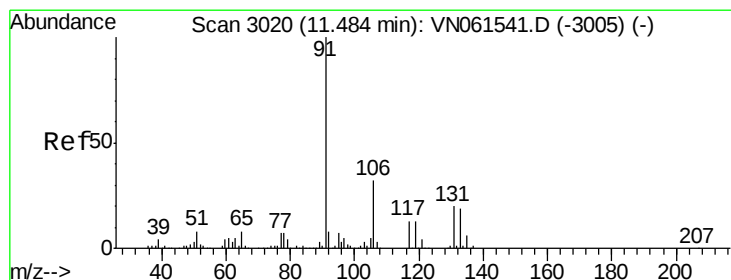
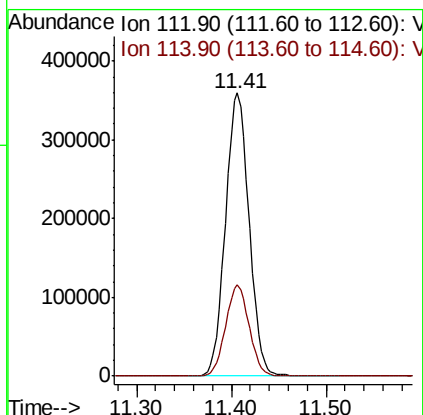
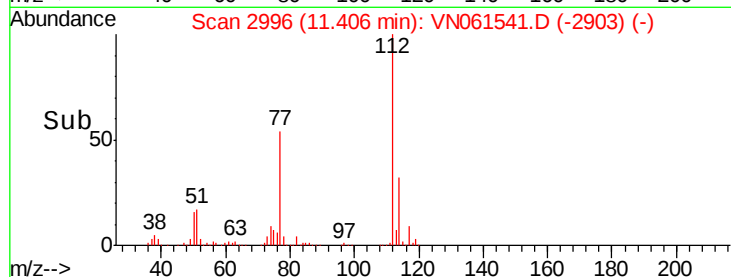
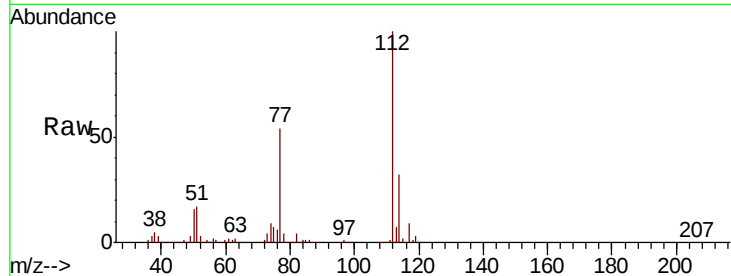




#65
Chlorobenzene
Concen: 49.557 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

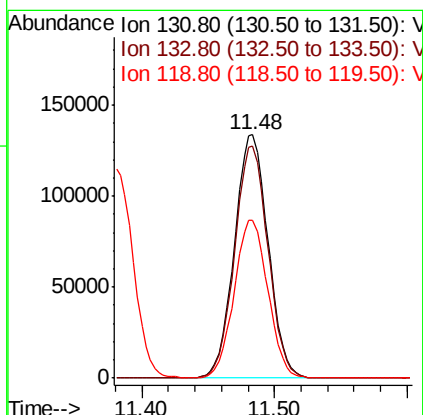
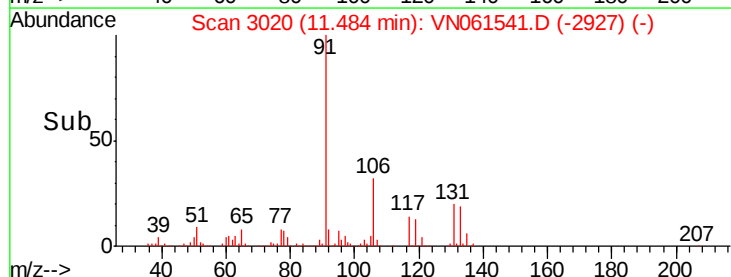
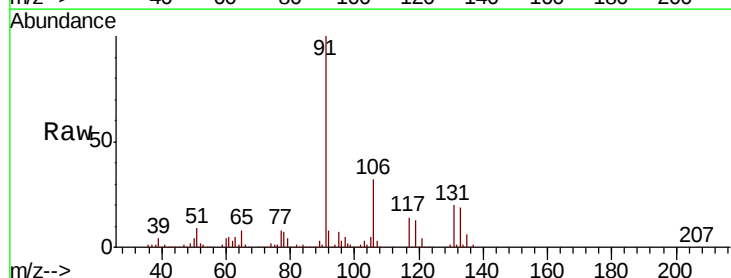
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

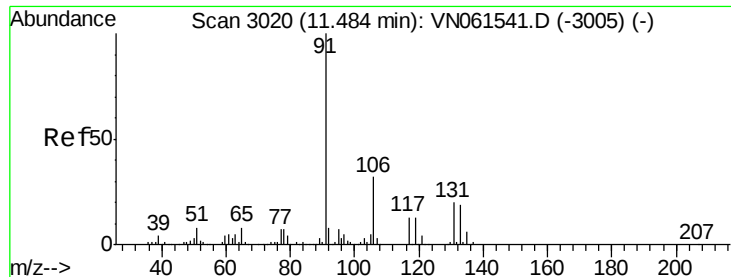
Tot Ion:112 Resp: 622366
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.030 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion:131 Resp: 235733
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 65.2 32.6 97.8

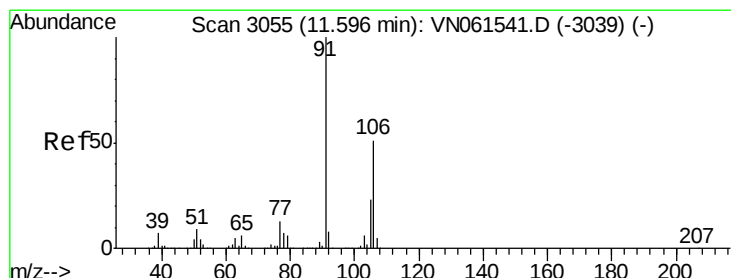
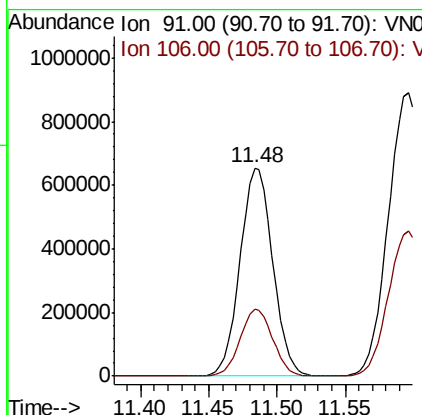
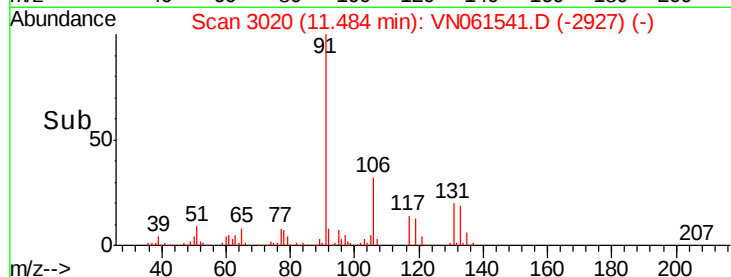
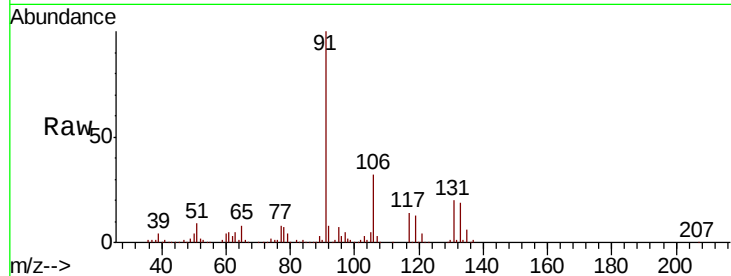




#67
Ethyl Benzene
Concen: 48.130 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

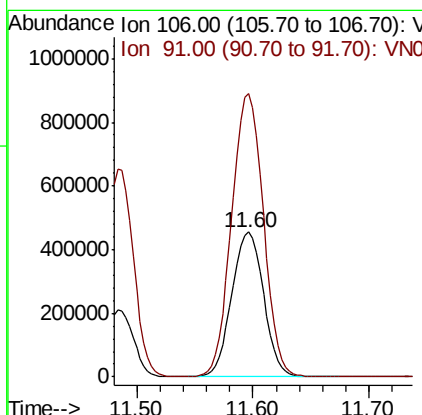
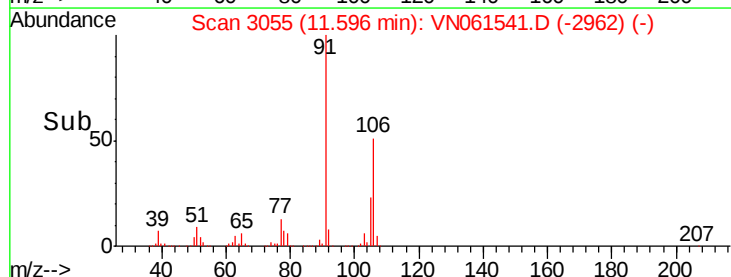
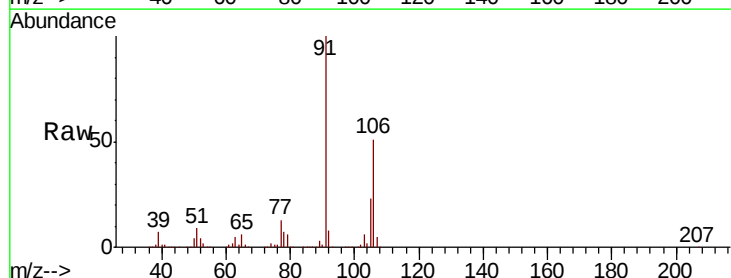
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

Tot Ion: 91 Resp: 1090080
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 100.204 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion: 106 Resp: 867380
Ion Ratio Lower Upper
106 100
91 195.3 156.2 234.4

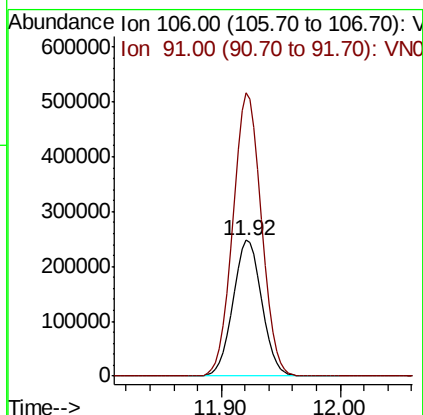
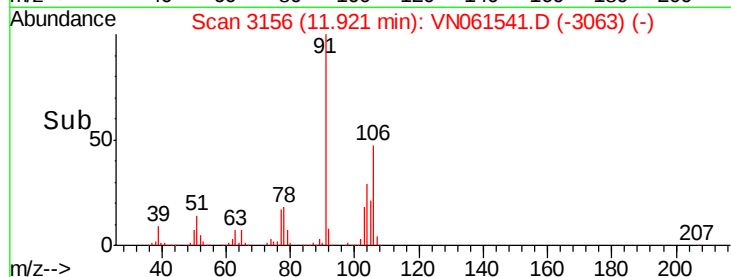
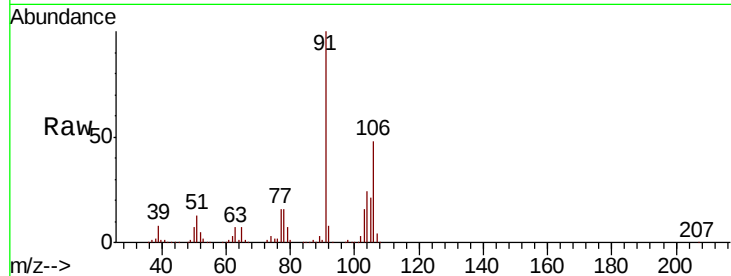




#69
o-Xylene
Concen: 49.569 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

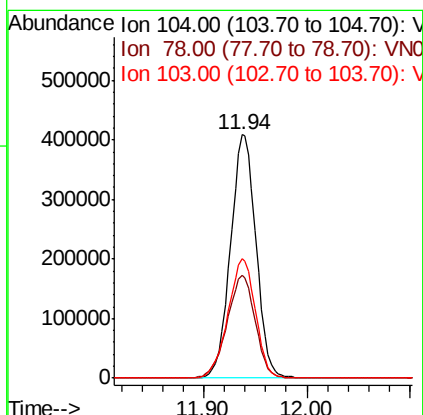
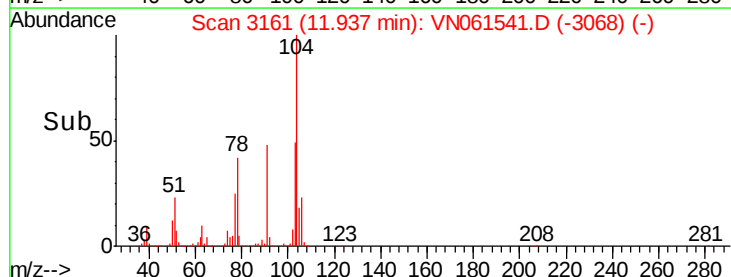
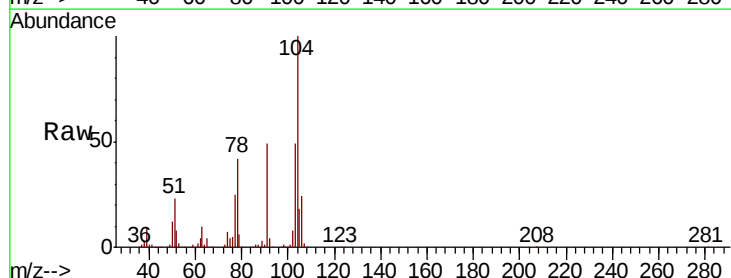
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

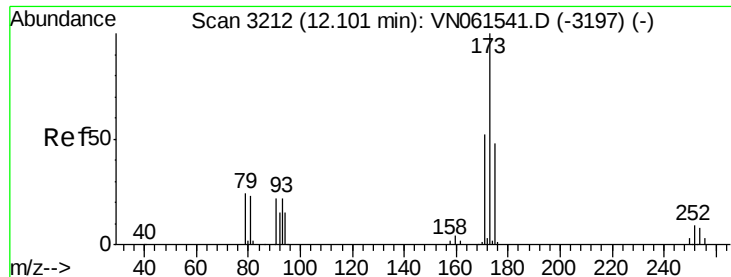
Tot Ion:106 Resp: 415294
Ion Ratio Lower Upper
106 100
91 206.5 103.3 309.8



#70
Styrene
Concen: 50.847 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion:104 Resp: 704087
Ion Ratio Lower Upper
104 100
78 46.7 37.4 56.0
103 52.9 42.3 63.5

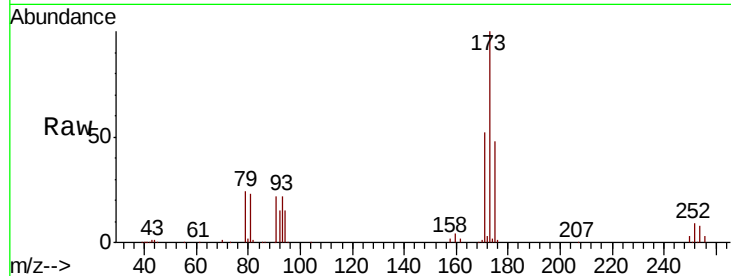




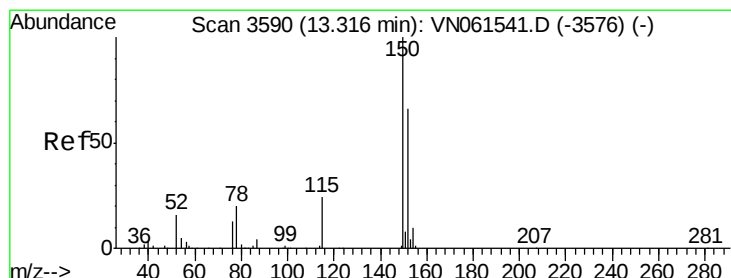
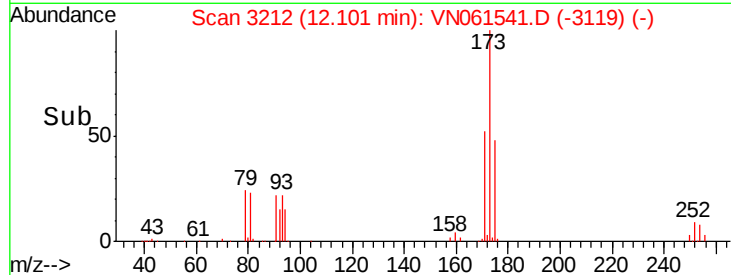
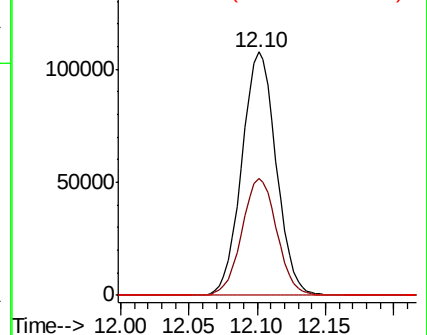
#71
Bromoform
Concen: 58.030 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tot Ion:173 Resp: 188029
Ion Ratio Lower Upper
173 100
175 48.8 24.4 73.2
254 0.0 0.0 0.0

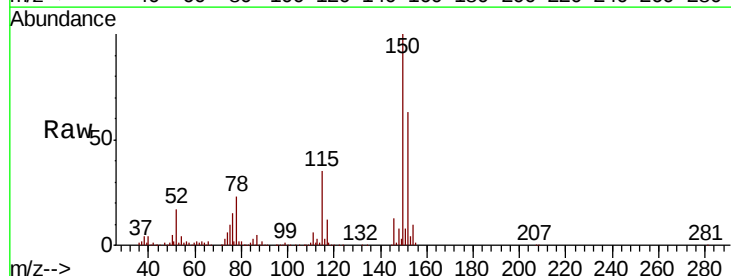


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

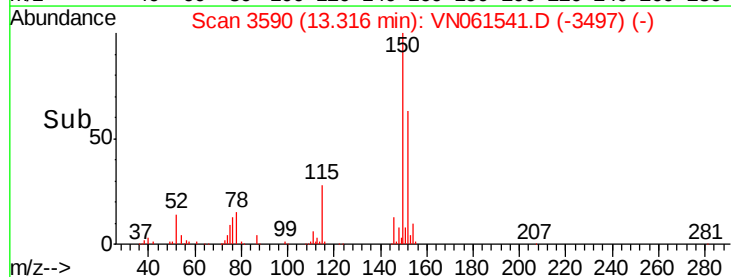
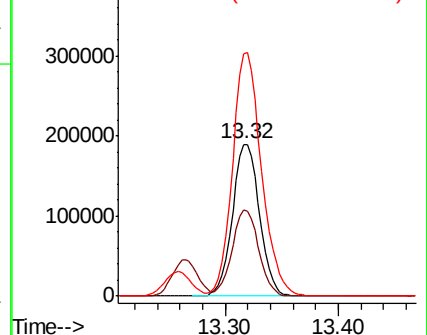


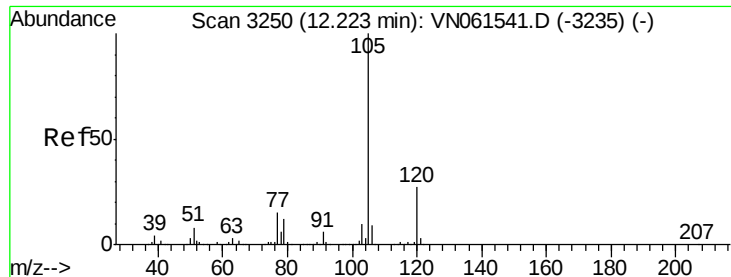
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061541.D
Acq: 28 May 2020 18:55

Tgt Ion:152 Resp: 314525
Ion Ratio Lower Upper
152 100
115 56.0 28.0 84.0
150 172.0 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: 44.154 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

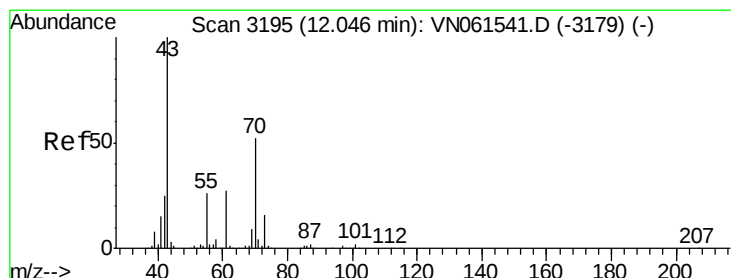
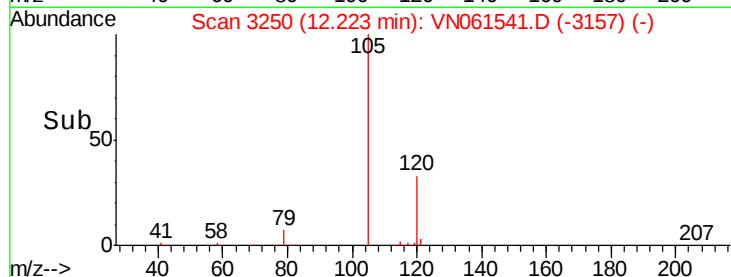
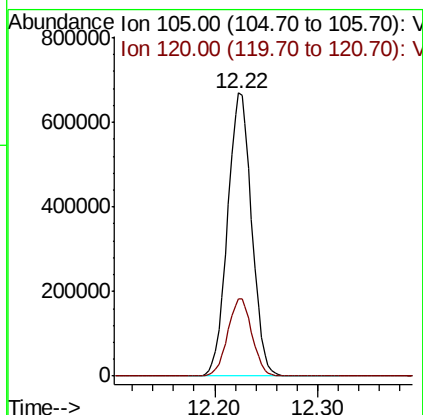
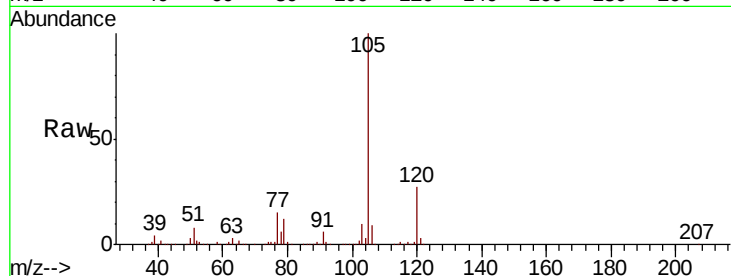
VSTDICCC050

Tot Ion:105 Resp: 1091328

Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3



#74

N-ethyl acetate

Concen: 40.102 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Tgt Ion: 43 Resp: 356950

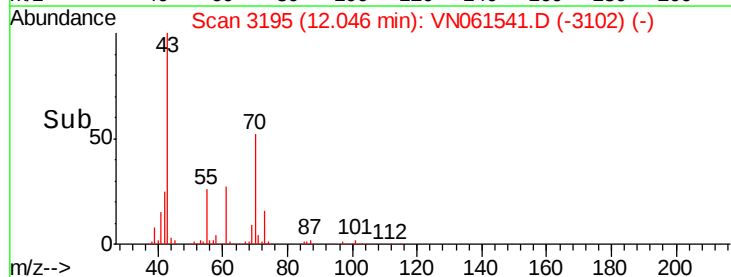
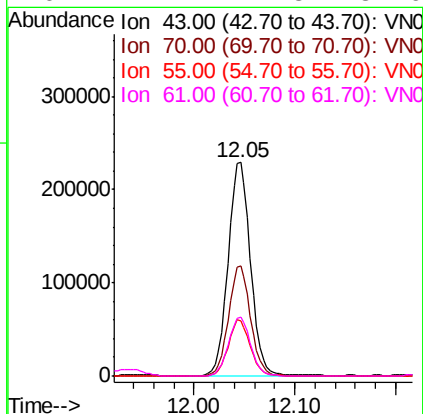
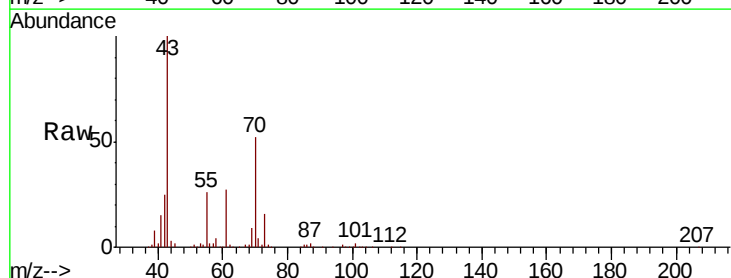
Ion Ratio Lower Upper

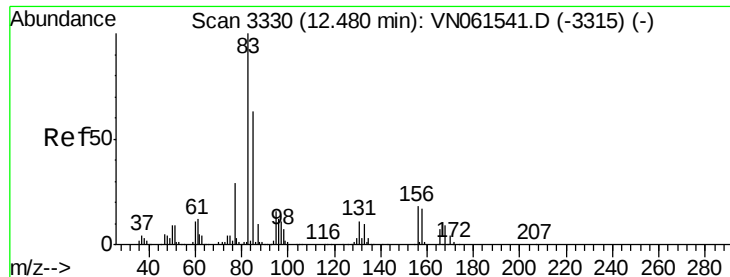
43 100

70 50.6 40.5 60.7

55 25.8 20.6 31.0

61 27.2 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.144 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

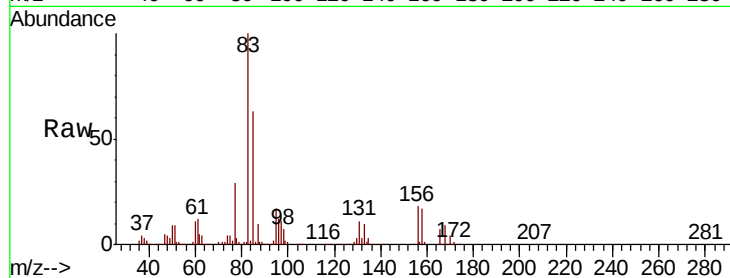
Tot Ion: 83 Resp: 300428

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.5

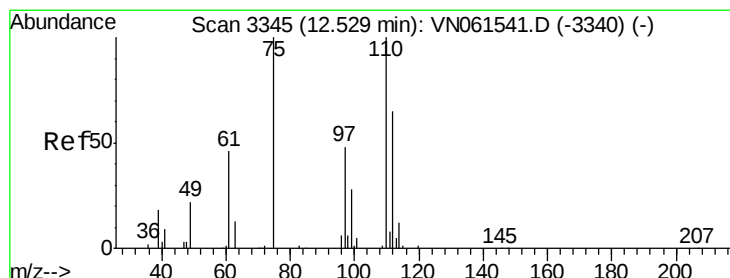
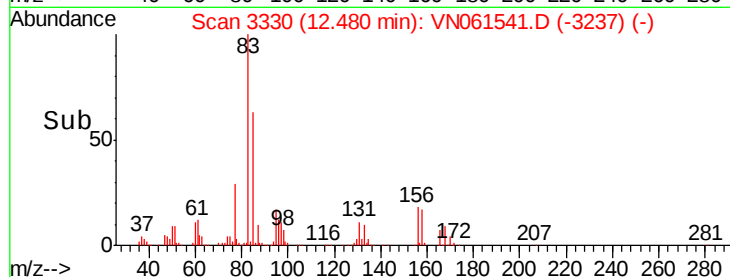
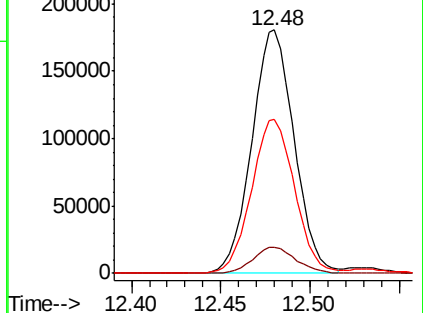
85 64.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN061541.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 60.701 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061541.D

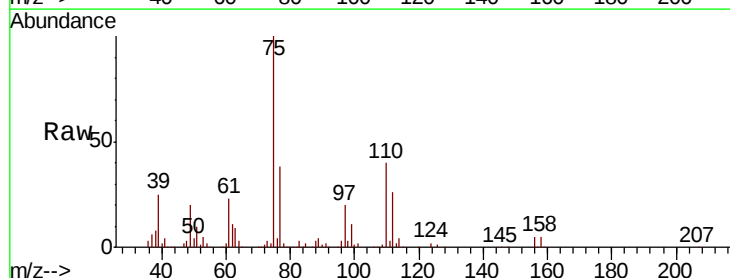
Acq: 28 May 2020 18:55

Tgt Ion: 75 Resp: 397452

Ion Ratio Lower Upper

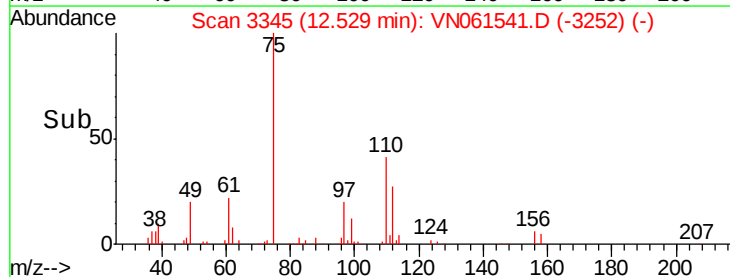
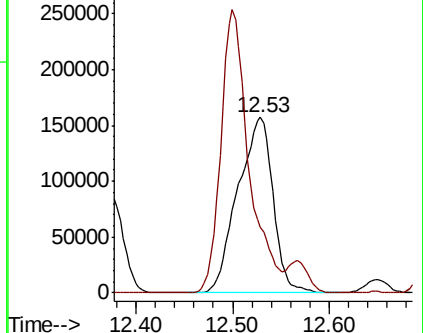
75 100

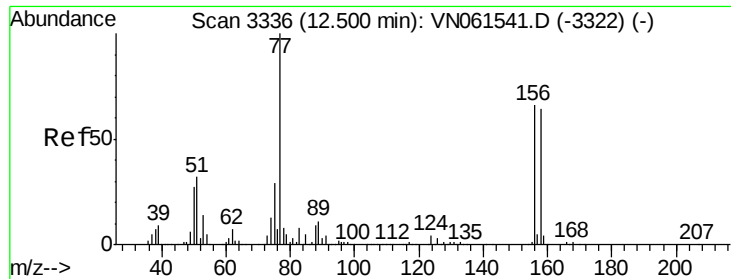
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061541.D (-3340) (-)





#77

Bromobenzene

Concen: 51.110 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

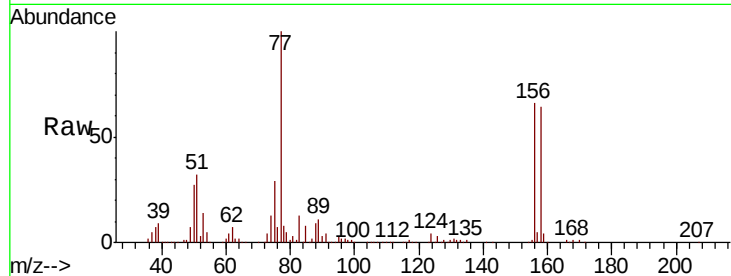
Tot Ion:156 Resp: 281608

Ion Ratio Lower Upper

156 100

77 181.8 90.9 272.7

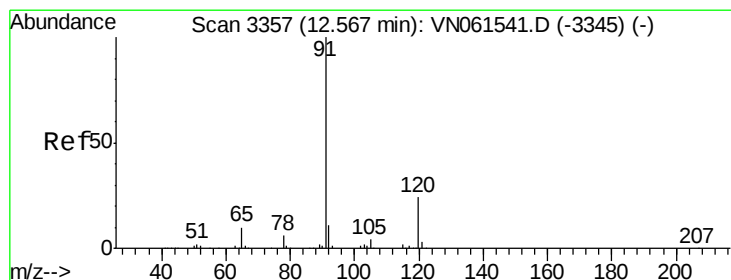
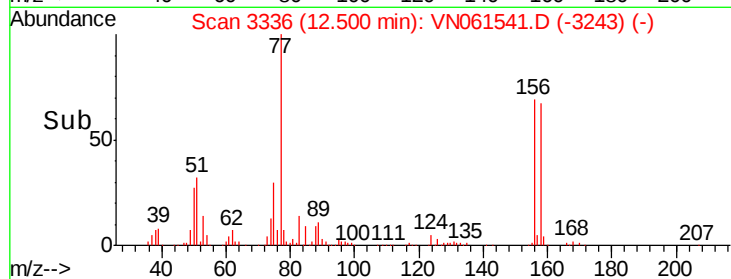
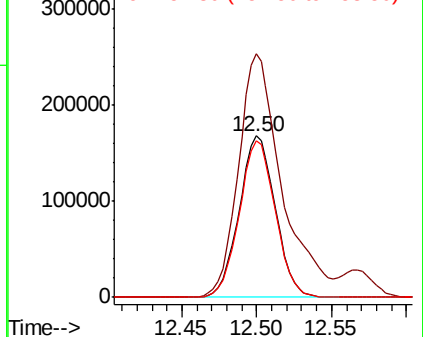
158 96.9 48.4 145.3



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: 43.650 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061541.D

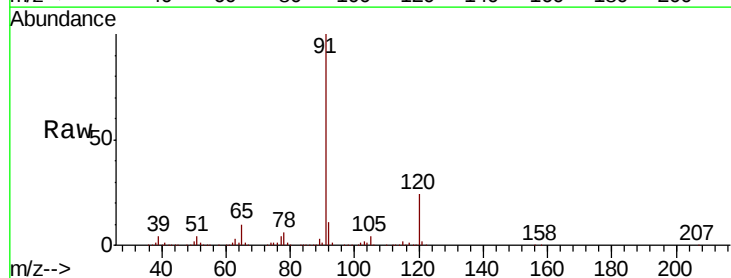
Acq: 28 May 2020 18:55

Tgt Ion: 91 Resp: 1222028

Ion Ratio Lower Upper

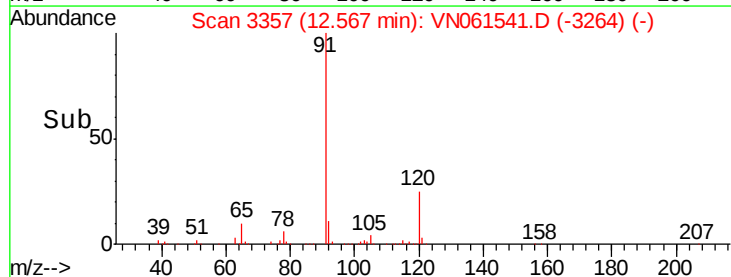
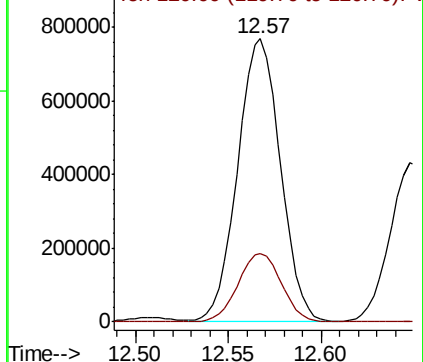
91 100

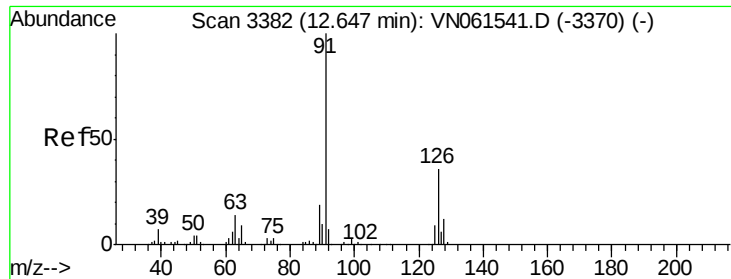
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

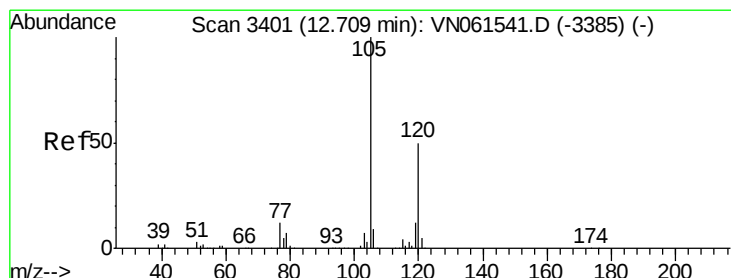
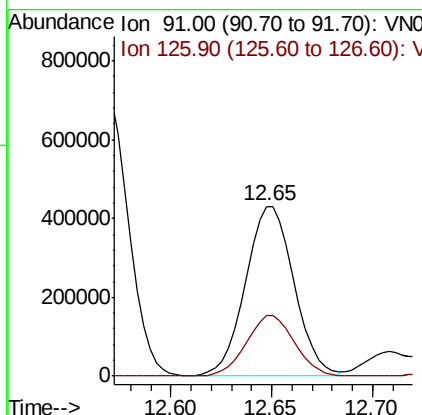
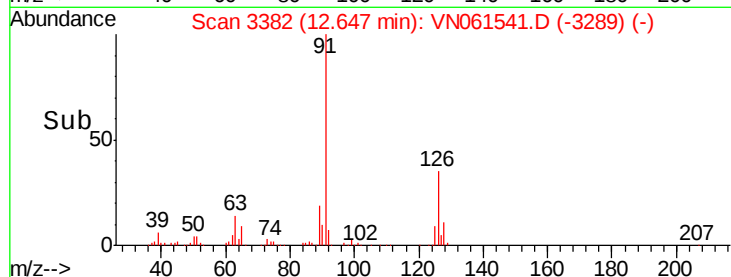
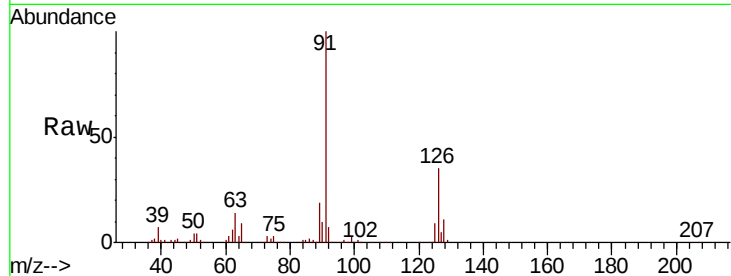




#79
 2-Chlorotoluene
 Concen: 43.289 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

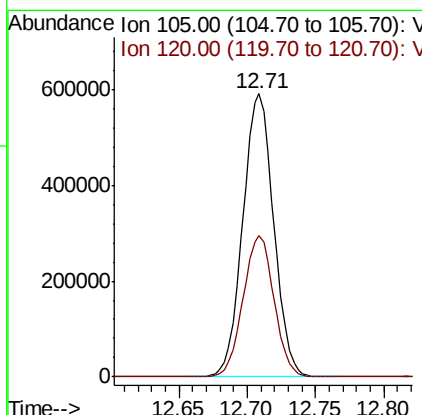
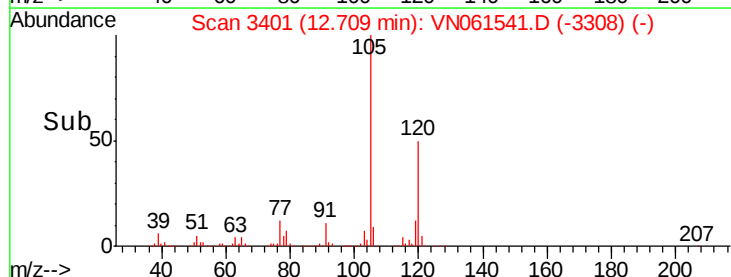
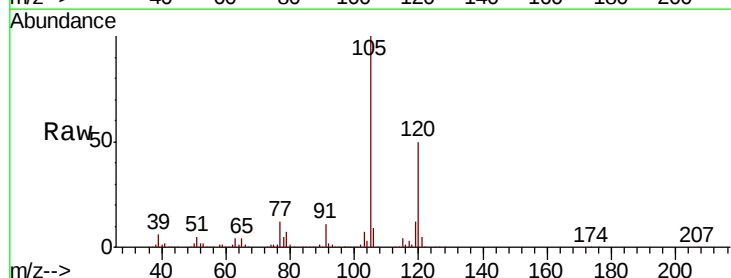
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

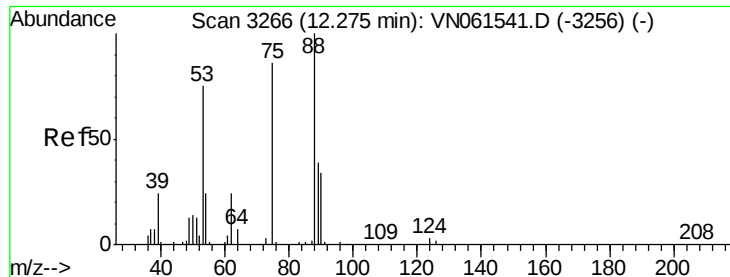
Tot Ion: 91 Resp: 718942
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 45.663 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

Tgt Ion: 105 Resp: 924866
 Ion Ratio Lower Upper
 105 100
 120 50.1 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 43.756 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

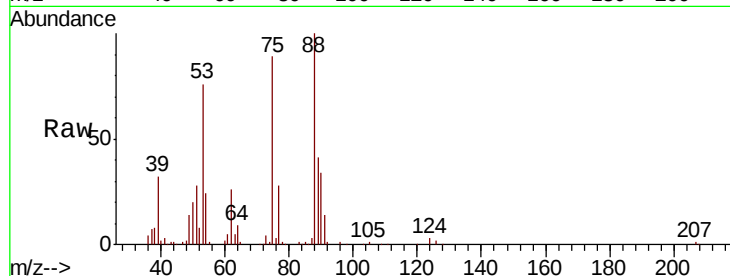
Tot Ion: 75 Resp: 108870

Ion Ratio Lower Upper

75 100

53 84.8 67.8 101.8

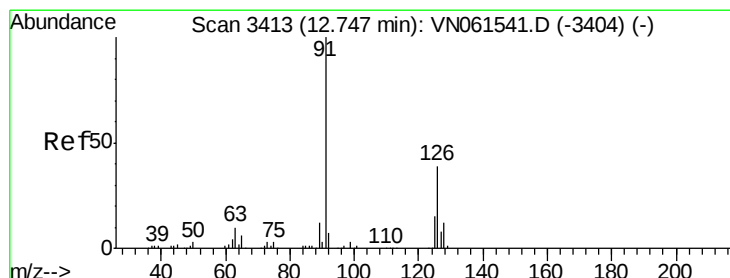
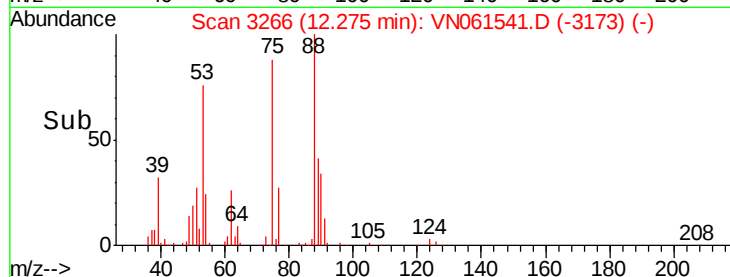
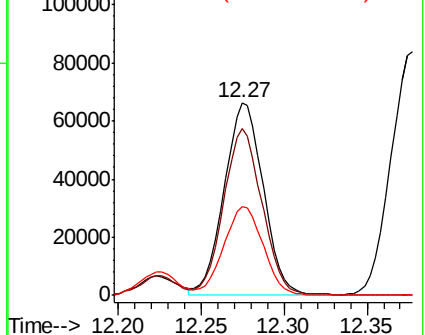
89 46.4 37.1 55.7



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: 44.235 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061541.D

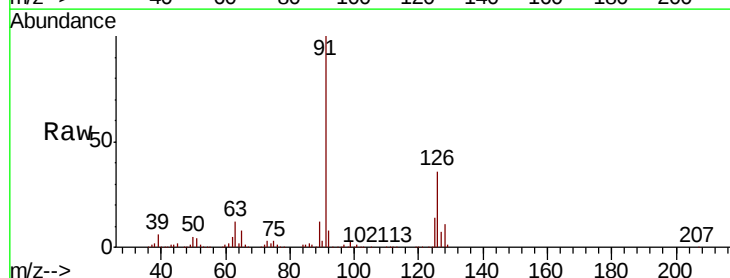
Acq: 28 May 2020 18:55

Tgt Ion: 91 Resp: 760484

Ion Ratio Lower Upper

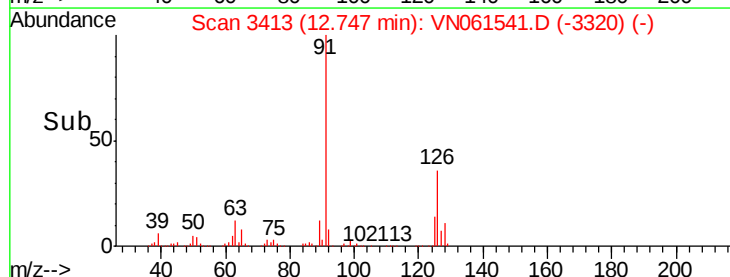
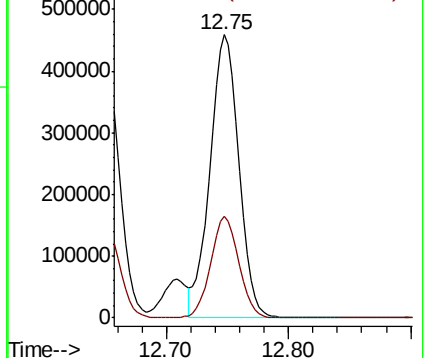
91 100

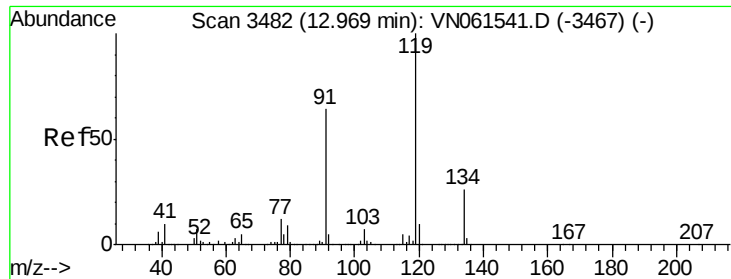
126 35.1 17.5 52.6



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

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

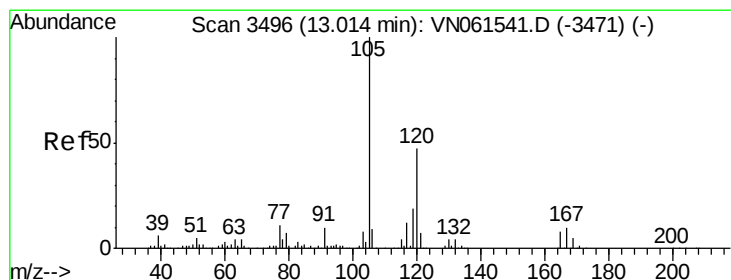
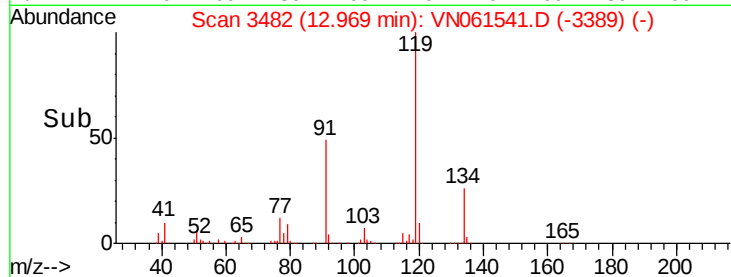
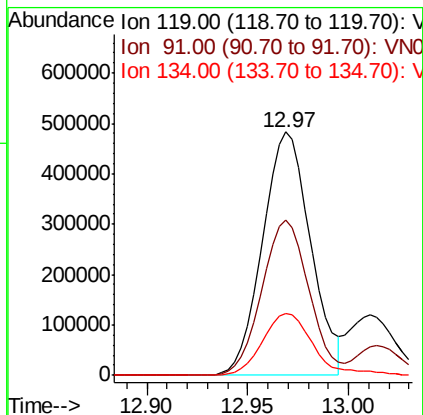
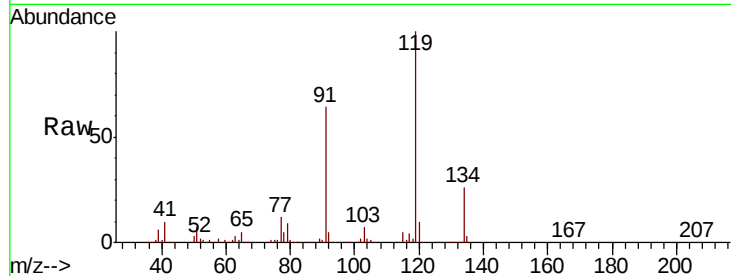




#83
 tert-Butylbenzene
 Concen: 46.055 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

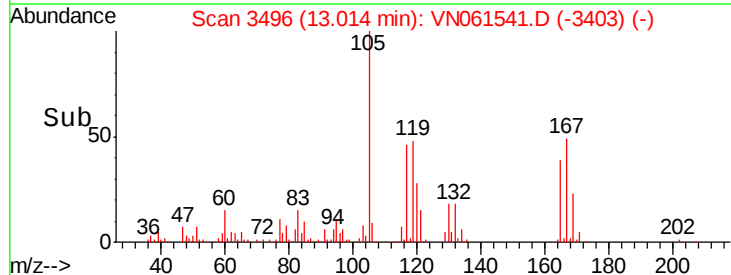
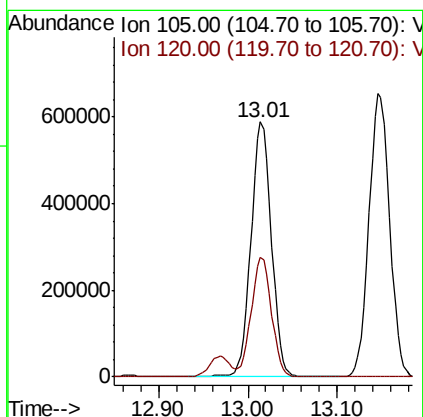
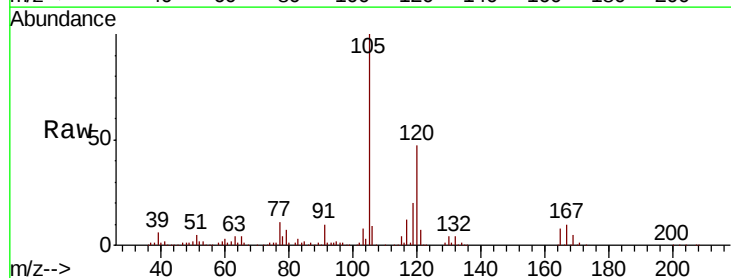
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:119 Resp: 801335
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.3 93.8
 134 26.9 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 46.030 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

Tgt Ion:105 Resp: 932886
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.2 69.5





#85

sec-Butylbenzene

Concen: 44.715 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

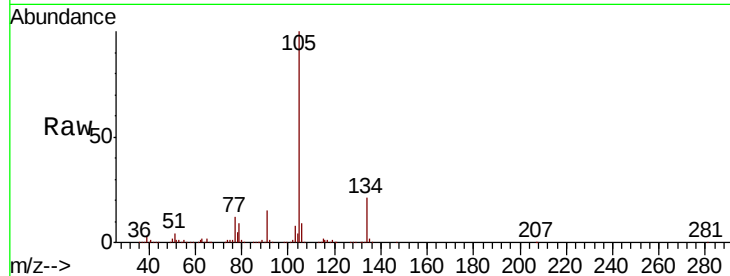
VSTDICCC050

Tot Ion:105 Resp: 1044961

Ion Ratio Lower Upper

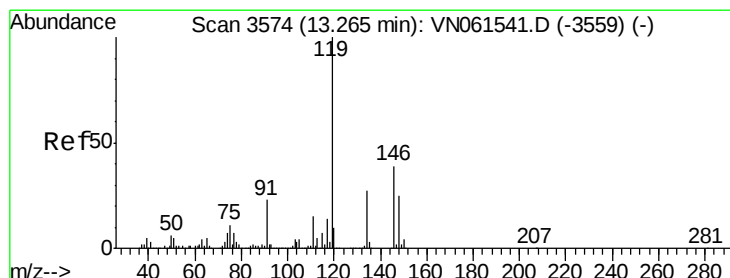
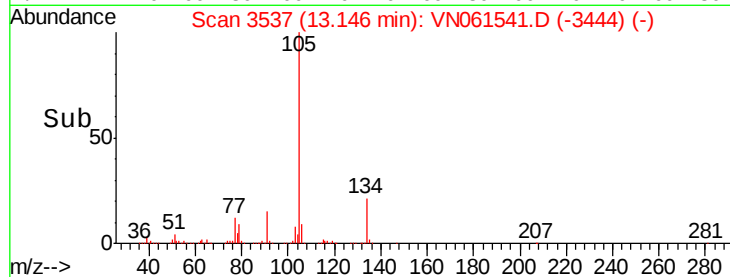
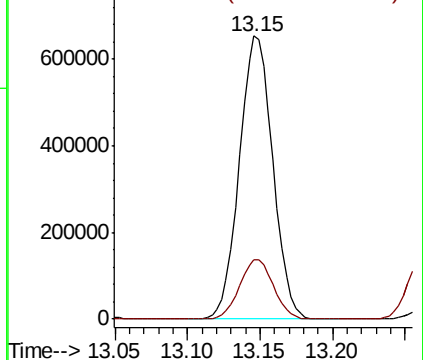
105 100

134 21.3 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: 46.735 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

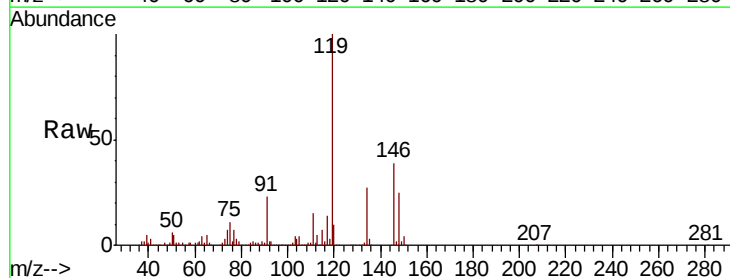
Tgt Ion:119 Resp: 975682

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

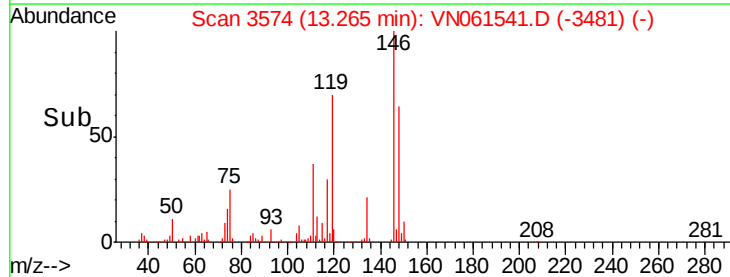
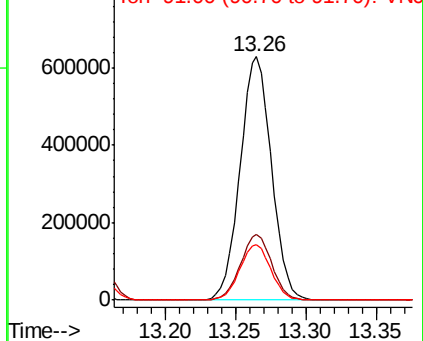
91 22.7 11.4 34.1

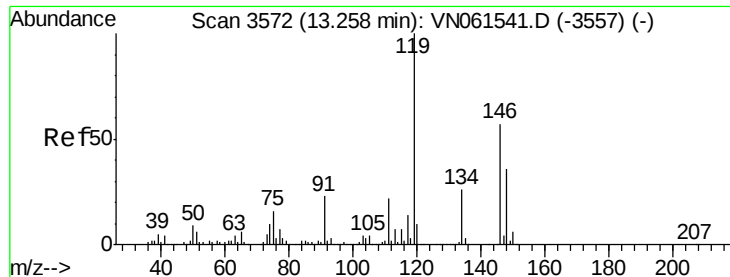


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

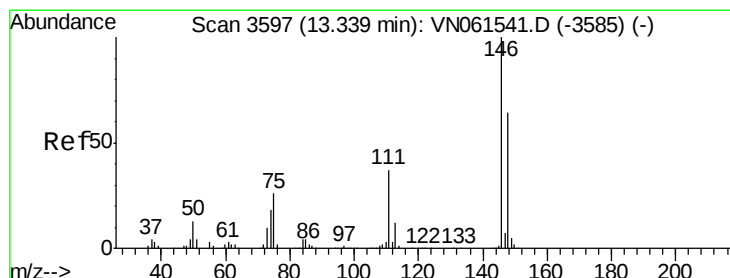
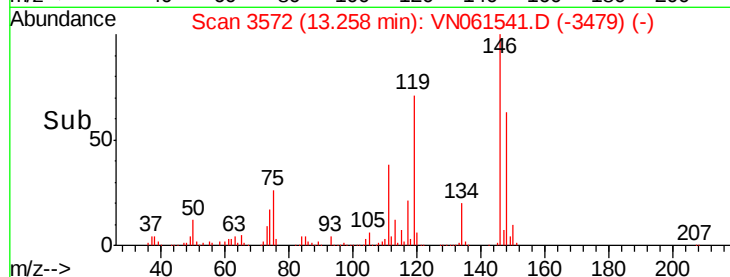
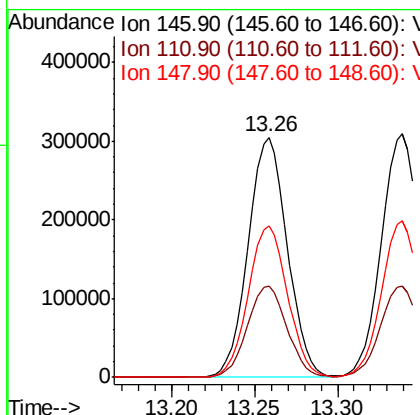
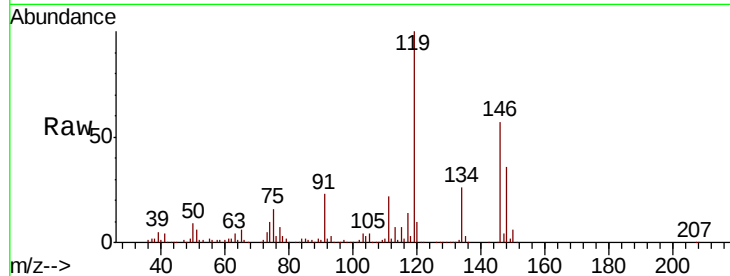




#87
 1,3-Dichlorobenzene
 Concen: 50.025 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

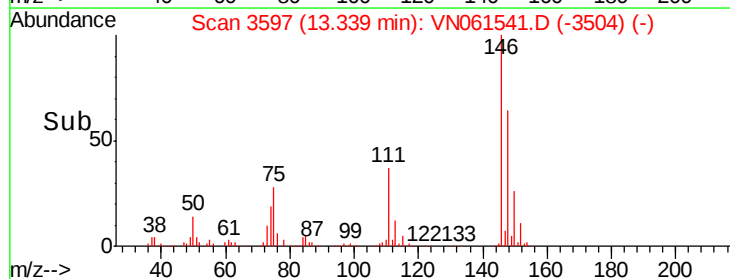
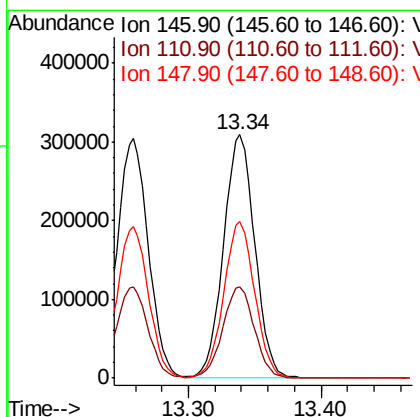
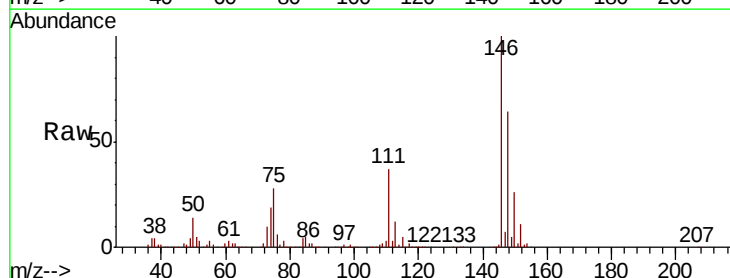
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion:146 Resp: 500359
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.2 57.6
 148 63.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 50.427 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

Tgt Ion:146 Resp: 504992
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 43.517 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

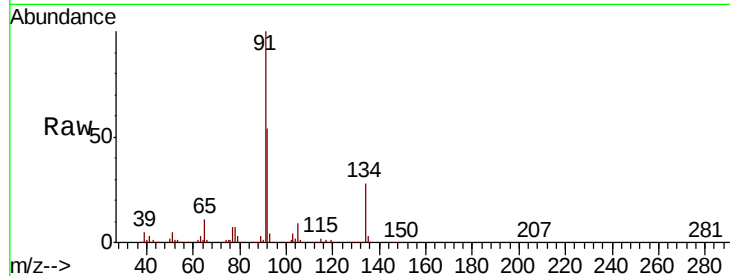
Tot Ion: 91 Resp: 814606

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.6

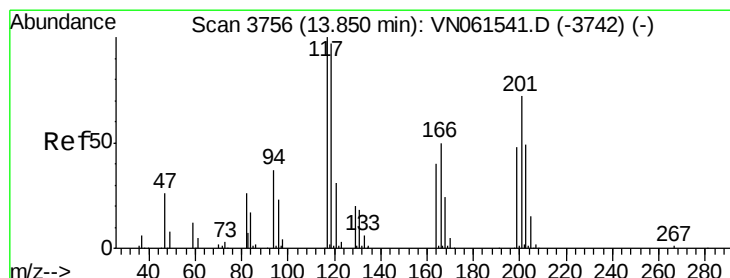
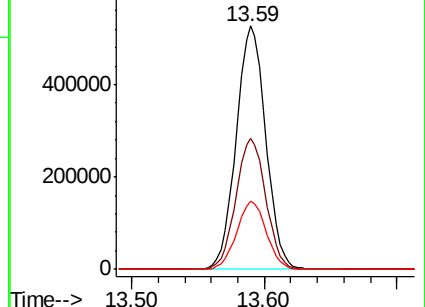
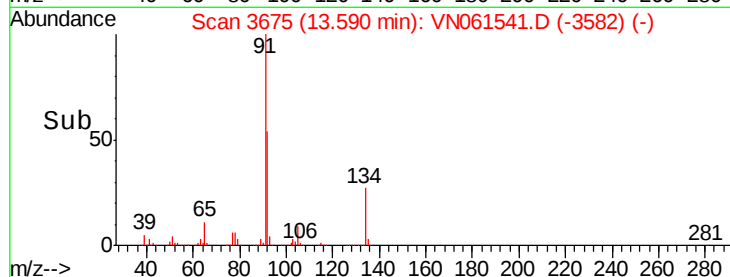
134 28.0 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)



#90

Hexachloroethane

Concen: 38.817 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061541.D

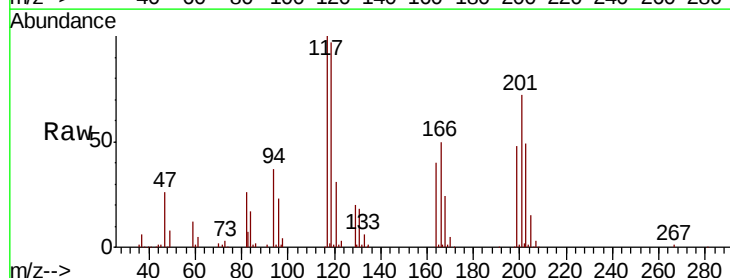
Acq: 28 May 2020 18:55

Tgt Ion: 117 Resp: 105668

Ion Ratio Lower Upper

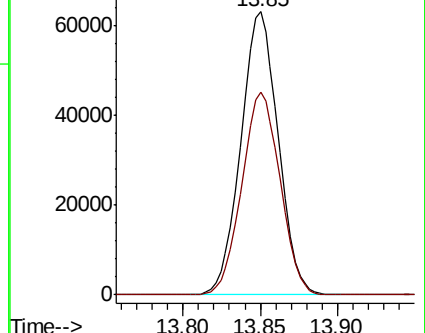
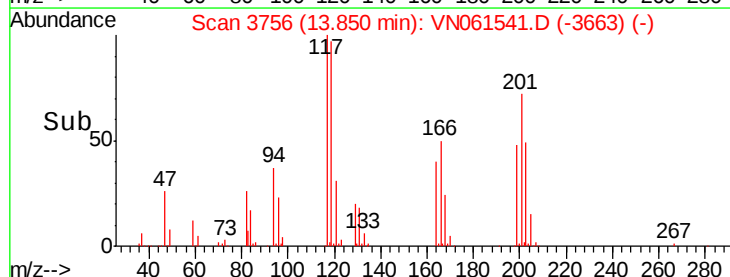
117 100

201 73.4 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

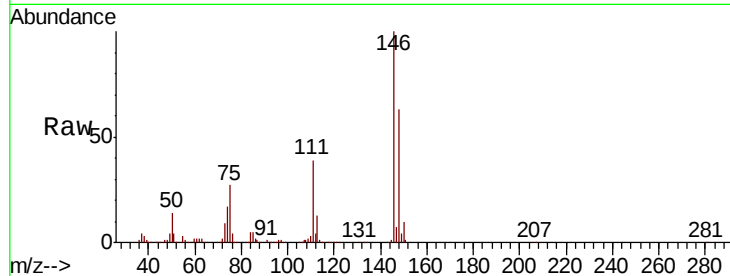




#91
 1,2-Dichlorobenzene
 Concen: 50.525 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	63.7	31.9	95.5

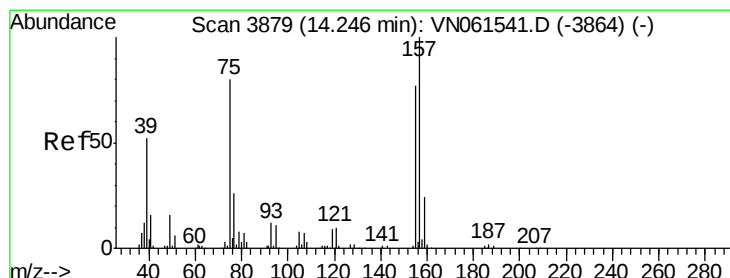
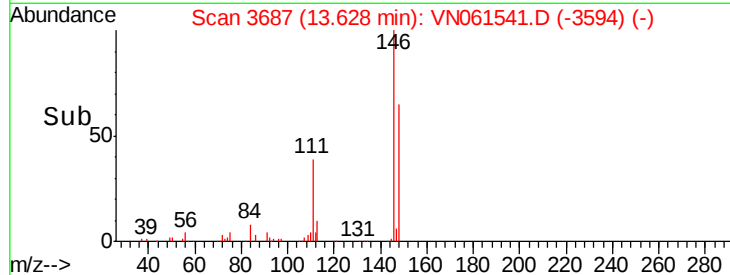
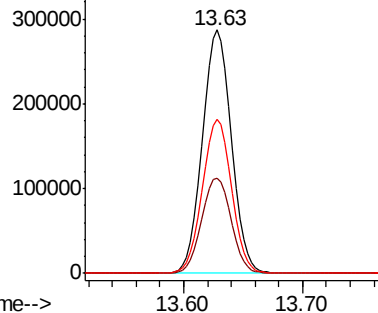


Abundance

Ion 145.90 (145.60 to 146.60): V

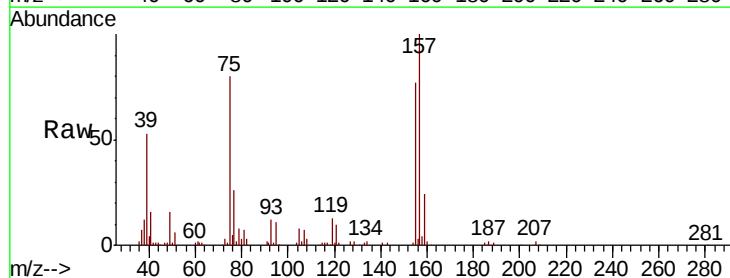
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.875 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	47.1	141.4
157	120.5	60.3	180.8

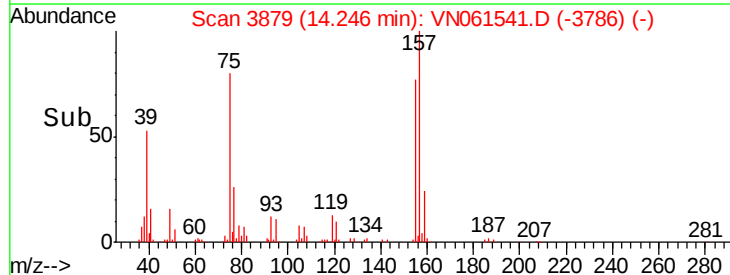
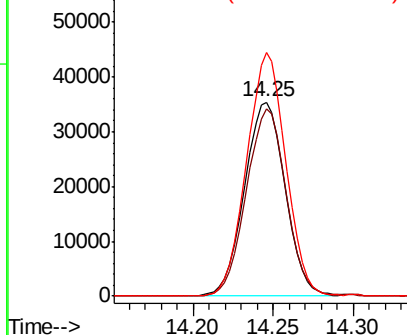


Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

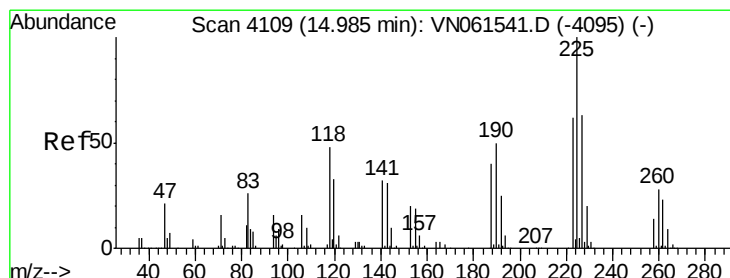
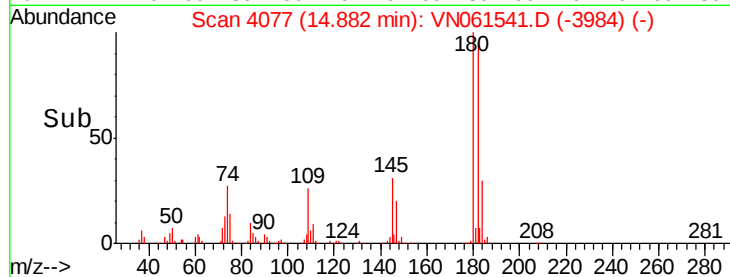
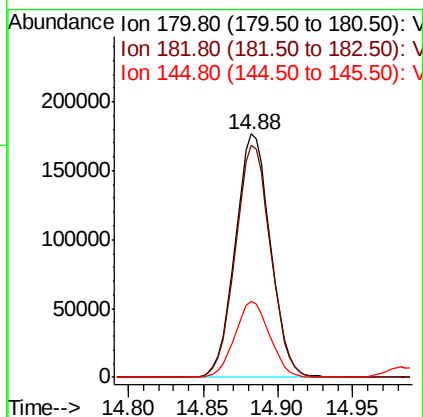
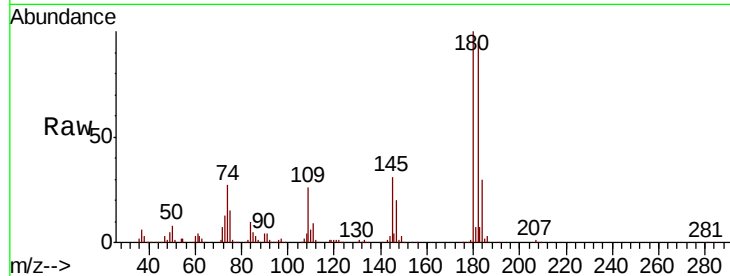




#93
 1,2,4-Trichlorobenzene
 Concen: 55.116 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

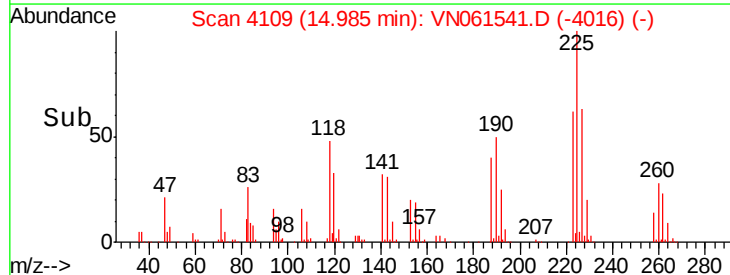
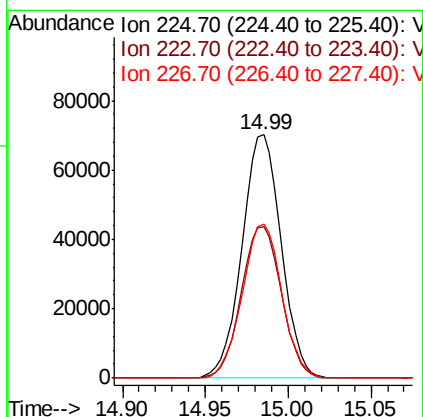
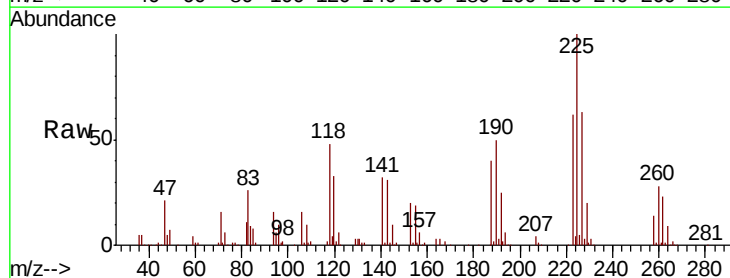
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	31.0	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 49.952 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061541.D
 Acq: 28 May 2020 18:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.9	95.5
227	63.9	31.9	95.9





#95

Naphthalene

Concen: 55.200 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

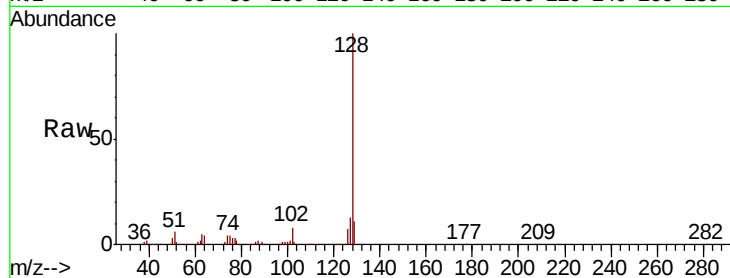
Tot Ion:128 Resp: 918690

Ion Ratio Lower Upper

128 100

127 12.5 10.0 15.0

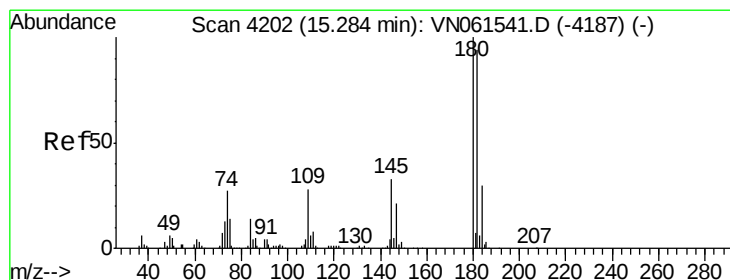
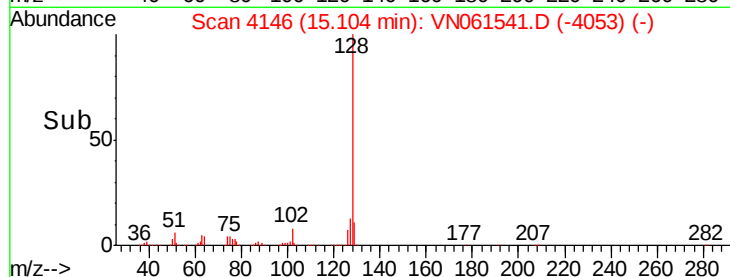
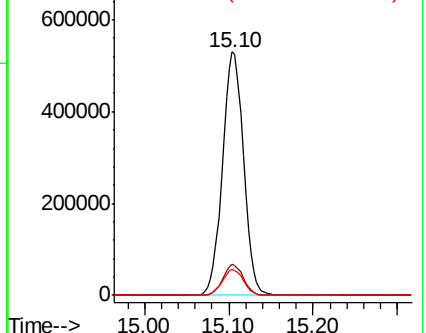
129 10.6 8.5 12.7



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: 54.607 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061541.D

Acq: 28 May 2020 18:55

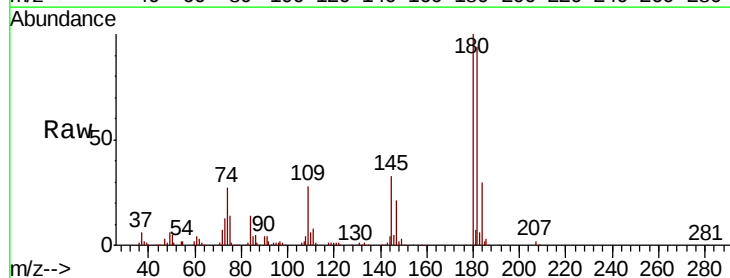
Tgt Ion:180 Resp: 286447

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 32.6 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

