

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061627.D
 Acq On : 3 Jun 2020 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 04 07:42:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	372567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	593621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	564269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	294559	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	193181	43.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.04%	
35) Dibromofluoromethane	7.54	113	143227	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
50) Toluene-d8	10.06	98	669556	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
62) 4-Bromofluorobenzene	12.38	95	245649	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	194616	45.352	ug/l	95
3) Chloromethane	2.03	50	207612	45.688	ug/l	100
4) Vinyl Chloride	2.16	62	290690	46.681	ug/l	100
5) Bromomethane	2.52	94	177657	49.719	ug/l	100
6) Chloroethane	2.67	64	183894	45.880	ug/l	99
7) Trichlorofluoromethane	2.98	101	354632	44.163	ug/l	100
8) Diethyl Ether	3.37	74	109795	44.715	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	172974	48.542	ug/l	100
10) Methyl Iodide	3.91	142	228445	46.182	ug/l	99
11) Tert butyl alcohol	4.73	59	147355	249.574	ug/l	98
12) 1,1-Dichloroethene	3.69	96	171755	45.116	ug/l	97
13) Acrolein	3.56	56	45458	267.983	ug/l	99
14) Allyl chloride	4.27	41	220052	44.213	ug/l	97
15) Acrylonitrile	4.93	53	372180	225.838	ug/l	99
16) Acetone	3.77	43	309388	252.975	ug/l	98
17) Carbon Disulfide	4.00	76	354831	42.364	ug/l	99
18) Methyl Acetate	4.27	43	174924	43.531	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	593673	45.756	ug/l	97
20) Methylene Chloride	4.50	84	197735	48.974	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	197050	45.897	ug/l	95
22) Diisopropyl ether	5.90	45	501192	45.689	ug/l	99
23) Vinyl Acetate	5.84	43	1871855	214.097	ug/l	98
24) 1,1-Dichloroethane	5.79	63	323230	46.468	ug/l	98
25) 2-Butanone	6.78	43	468319	222.614	ug/l	99
26) 2,2-Dichloropropane	6.77	77	305639	48.007	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	233328	47.995	ug/l	99
28) Bromochloromethane	7.15	49	122464	46.808	ug/l	92
29) Tetrahydrofuran	7.16	42	298630	215.271	ug/l	97
30) Chloroform	7.33	83	367818	47.796	ug/l	98
31) Cyclohexane	7.61	56	277864	44.416	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	332302	47.389	ug/l	99
36) 1,1-Dichloropropene	7.75	75	264379	50.309	ug/l	99
37) Ethyl Acetate	6.88	43	199062	47.031	ug/l	98
38) Carbon Tetrachloride	7.73	117	275465	54.344	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061627.D
 Acq On : 3 Jun 2020 10:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 04 07:42:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	316952	48.933	ug/l	96
40) Benzene	8.00	78	812752	50.125	ug/l	99
41) Methacrylonitrile	7.12	41	86720	44.719	ug/l	96
42) 1,2-Dichloroethane	8.08	62	263480	48.538	ug/l	99
43) Isopropyl Acetate	8.12	43	348472	45.762	ug/l	98
44) Trichloroethene	8.80	130	261538	52.485	ug/l	95
45) 1,2-Dichloropropane	9.08	63	192242	49.931	ug/l	97
46) Dibromomethane	9.17	93	146400	49.579	ug/l	98
47) Bromodichloromethane	9.37	83	297978	50.934	ug/l	99
48) Methyl methacrylate	9.17	41	151229	44.141	ug/l	97
49) 1,4-Dioxane	9.16	88	64859	1222.002	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1006447	234.536	ug/l	99
52) Toluene	10.12	92	552408	52.198	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	317795	50.425	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	342321	50.516	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	211983	50.277	ug/l	98
56) Ethyl methacrylate	10.40	69	297673	50.541	ug/l	98
57) 1,3-Dichloropropane	10.68	76	340454	50.487	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	640732	254.566	ug/l	98
59) 2-Hexanone	10.72	43	728836	236.493	ug/l	99
60) Dibromochloromethane	10.87	129	254687	53.134	ug/l	99
61) 1,2-Dibromoethane	10.98	107	228996	52.076	ug/l	100
64) Tetrachloroethene	10.60	164	291223	54.828	ug/l	99
65) Chlorobenzene	11.41	112	611449	52.131	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	229949	52.652	ug/l	99
67) Ethyl Benzene	11.48	91	1055770	52.079	ug/l	99
68) m/p-Xylenes	11.59	106	839443	104.433	ug/l	99
69) o-Xylene	11.92	106	404737	53.013	ug/l	98
70) Styrene	11.94	104	680003	53.784	ug/l	99
71) Bromoform	12.10	173	180082	53.512	ug/l #	99
73) Isopropylbenzene	12.22	105	1063286	49.458	ug/l	100
74) N-amyl acetate	12.04	43	304169	44.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	265226	44.023	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	360723	67.347	ug/l #	100
77) Bromobenzene	12.50	156	280069	51.035	ug/l	96
78) n-propylbenzene	12.56	91	1184212	49.340	ug/l	99
79) 2-Chlorotoluene	12.65	91	696000	48.633	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	898509	50.003	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	97393	46.499	ug/l	100
82) 4-Chlorotoluene	12.75	91	731720	48.601	ug/l	99
83) tert-Butylbenzene	12.97	119	768320	48.393	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	891535	49.943	ug/l	98
85) sec-Butylbenzene	13.15	105	991736	48.476	ug/l	99
86) p-Isopropyltoluene	13.26	119	935177	49.637	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	496996	51.143	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	504356	50.946	ug/l	99
89) n-Butylbenzene	13.59	91	767861	48.659	ug/l	100
90) Hexachloroethane	13.85	117	111484	53.506	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	475942	51.249	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	50611	41.191	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
Data File : VN061627.D
Acq On : 3 Jun 2020 10:21
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jun 04 07:42:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

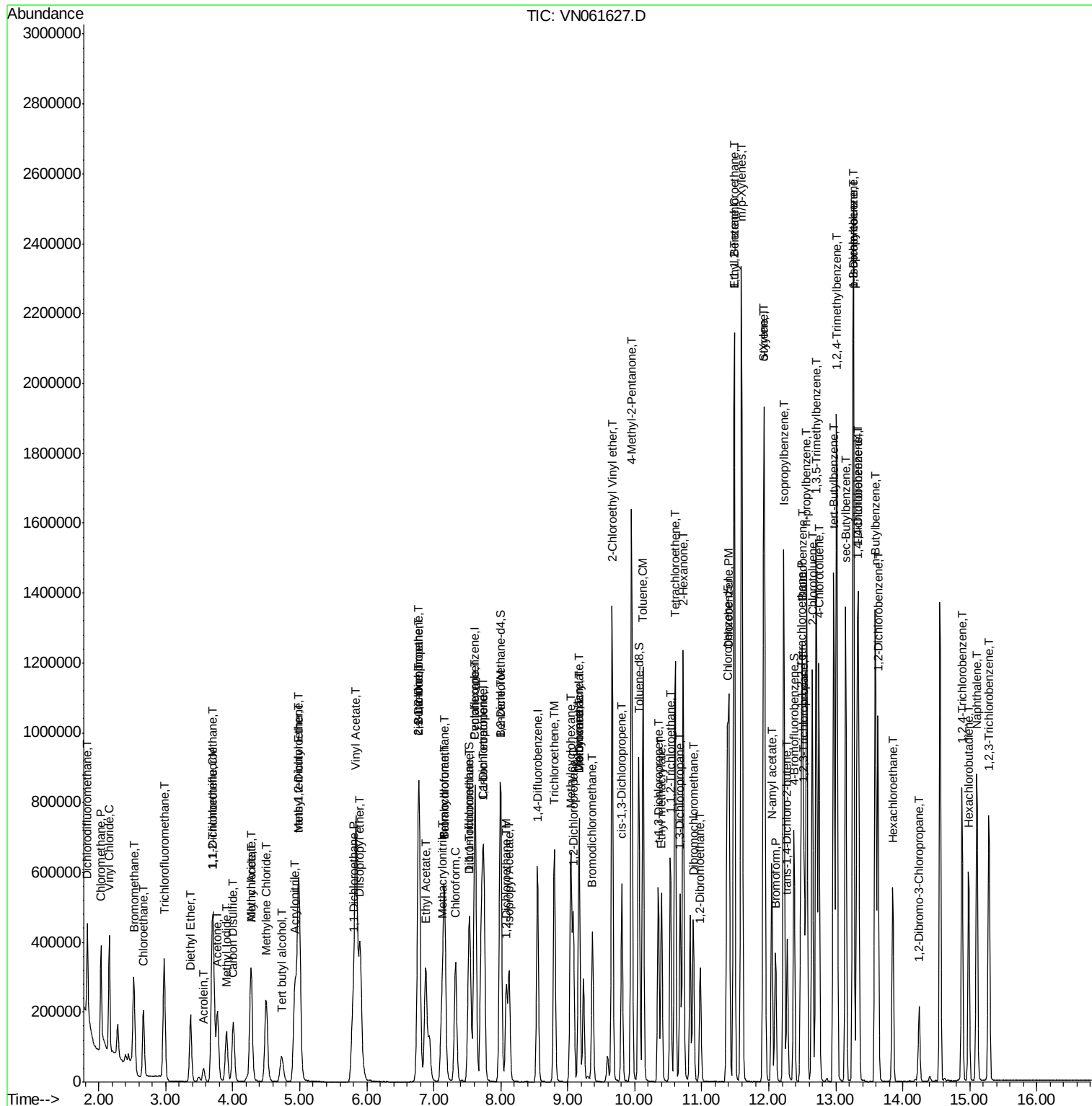
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	284452	52.373	ug/l	99
94) Hexachlorobutadiene	14.99	225	111658	48.203	ug/l	99
95) Naphthalene	15.10	128	799404	48.356	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	269872	50.537	ug/l	100

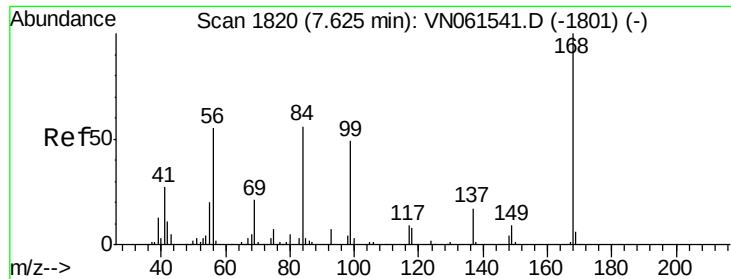
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN060320\
Data File : VN061627.D
Acq On : 3 Jun 2020 10:21
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jun 04 07:42:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

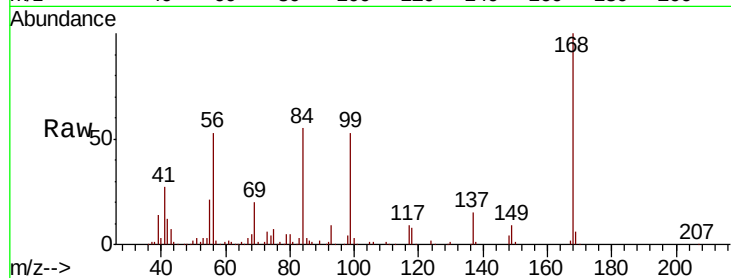
VSTDCCC050

Tot Ion:168 Resp: 372567

Ion Ratio Lower Upper

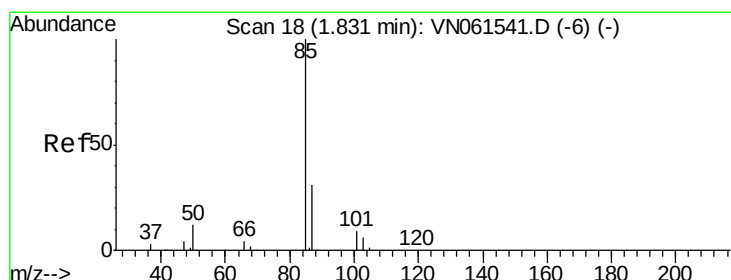
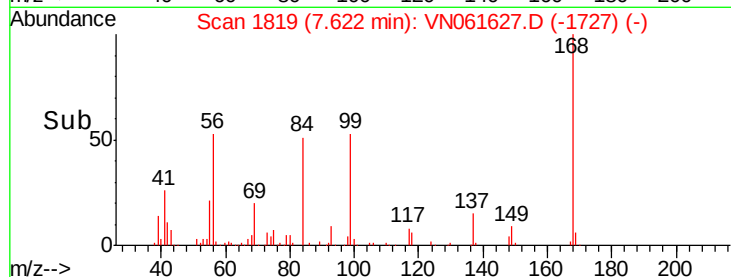
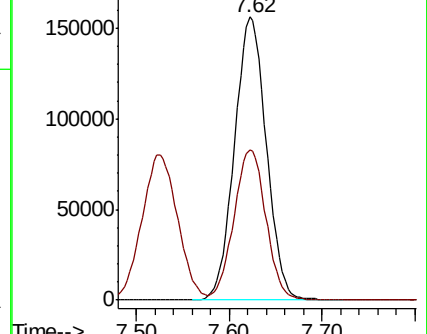
168 100

99 52.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.352 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061627.D

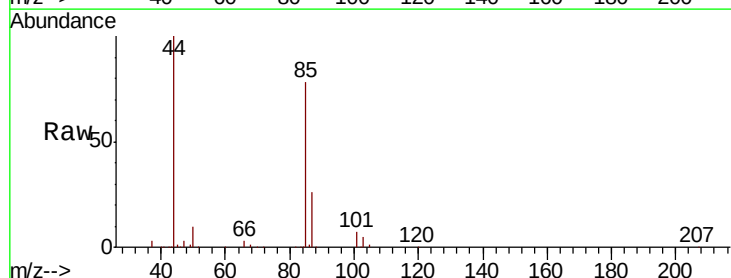
Acq: 3 Jun 2020 10:21

Tgt Ion: 85 Resp: 194616

Ion Ratio Lower Upper

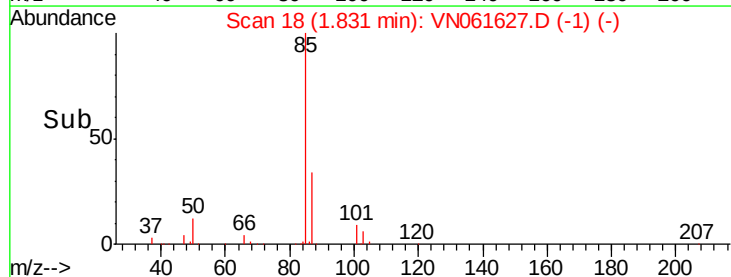
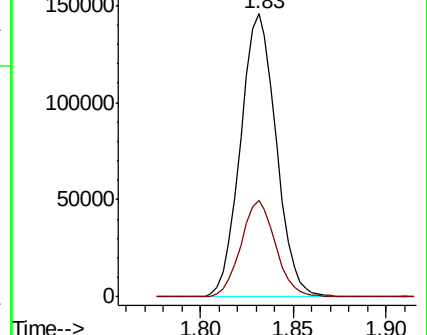
85 100

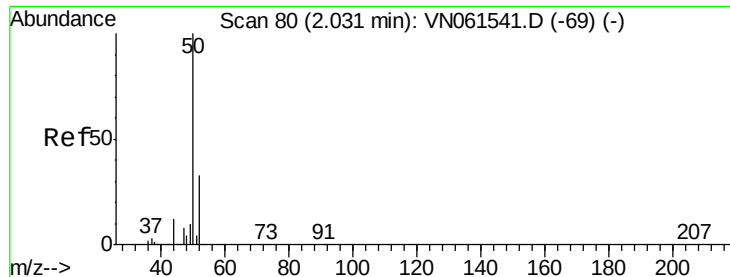
87 33.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 45.688 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

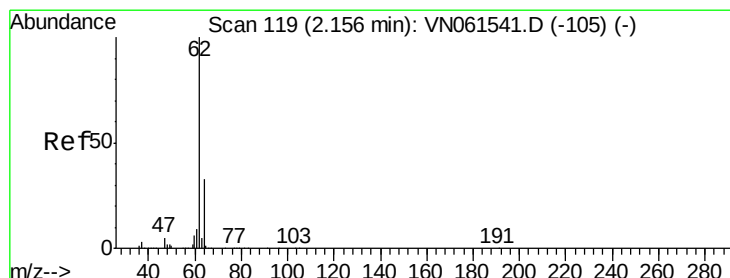
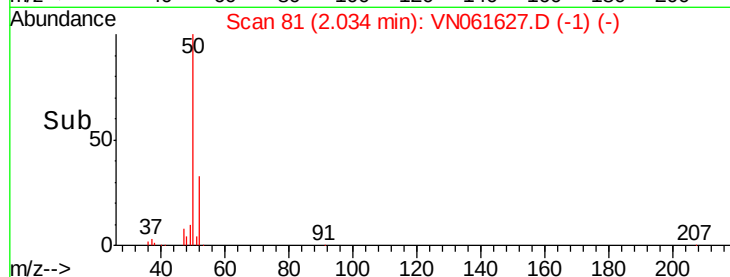
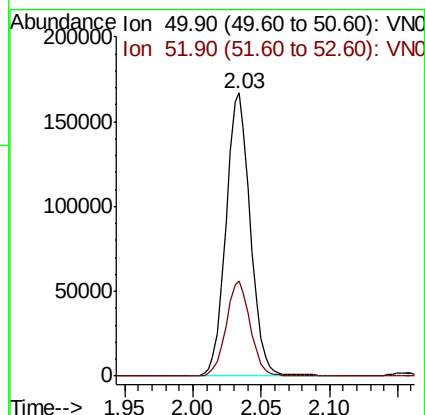
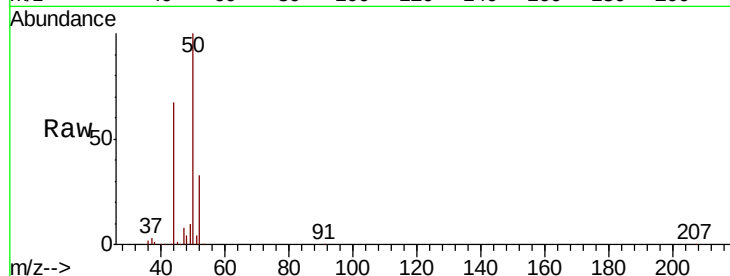
VSTDCCC050

Tot Ion: 50 Resp: 207612

Ion Ratio Lower Upper

50 100

52 33.5 26.7 40.1



#4

Vinyl Chloride

Concen: 46.681 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061627.D

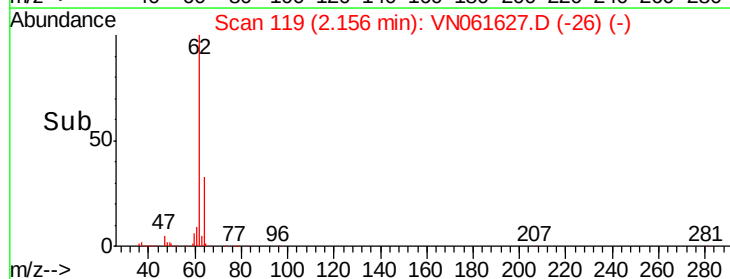
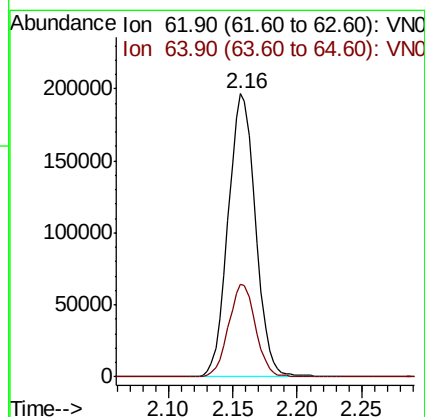
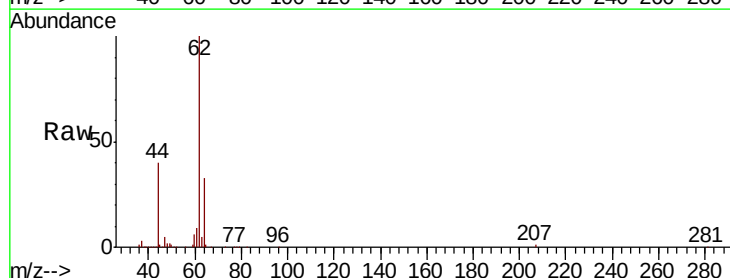
Acq: 3 Jun 2020 10:21

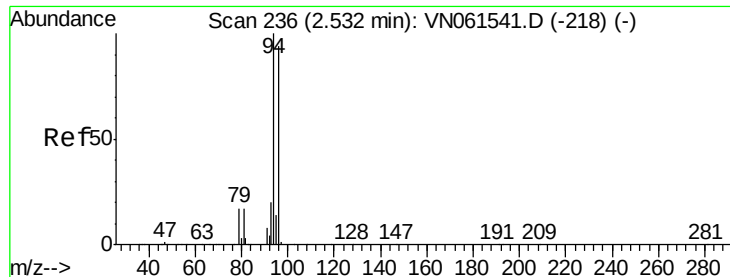
Tgt Ion: 62 Resp: 290690

Ion Ratio Lower Upper

62 100

64 32.8 26.2 39.2





#5

Bromomethane

Concen: 49.719 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.01 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

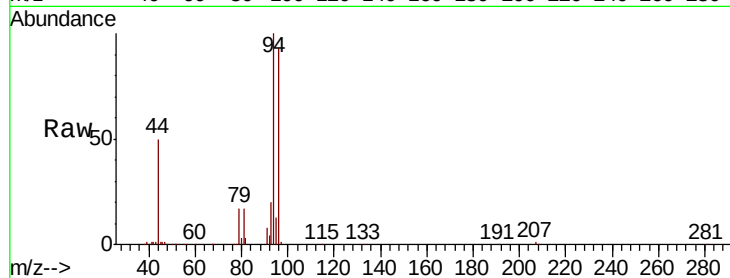
VSTDCCC050

Tot Ion: 94 Resp: 177657

Ion Ratio Lower Upper

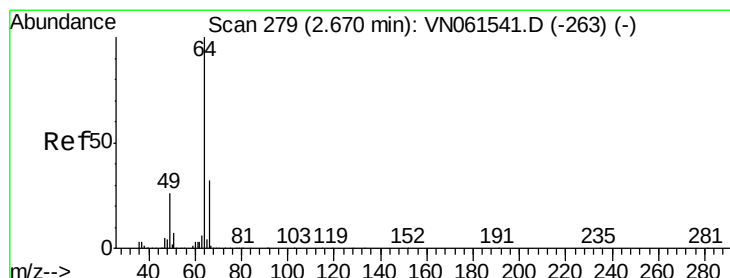
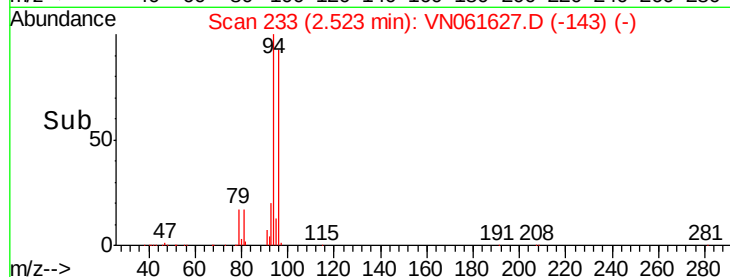
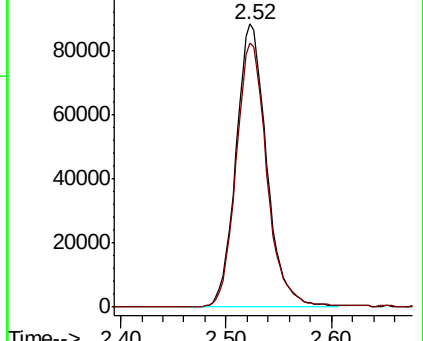
94 100

96 93.3 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN061627.D (-143) (-)

Ion 95.90 (95.60 to 96.60): VN061627.D (-143) (-)



#6

Chloroethane

Concen: 45.880 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061627.D

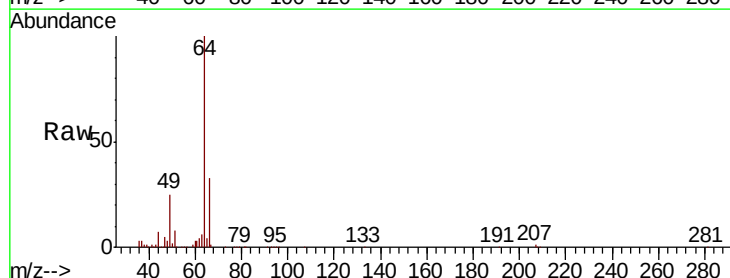
Acq: 3 Jun 2020 10:21

Tgt Ion: 64 Resp: 183894

Ion Ratio Lower Upper

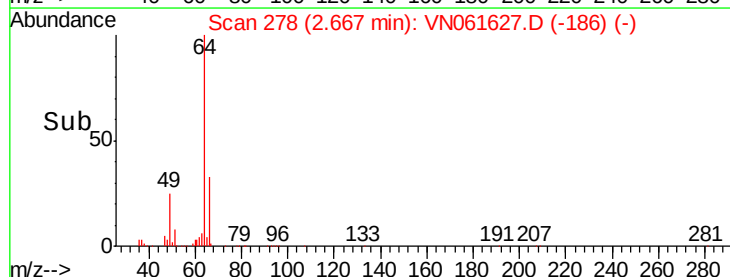
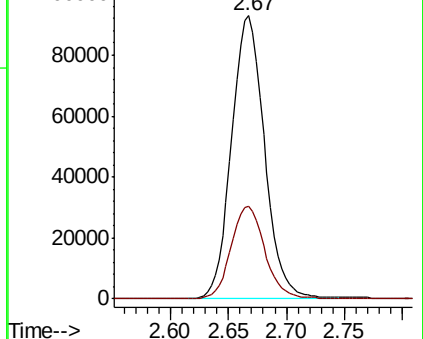
64 100

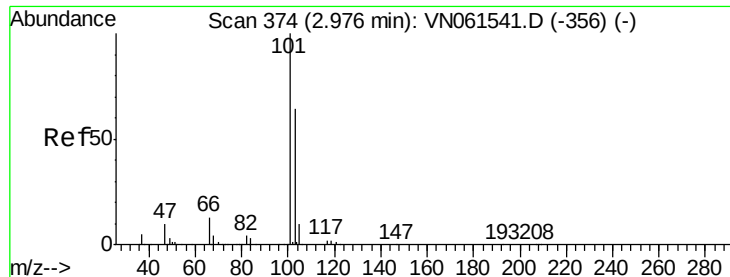
66 32.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN061627.D (-186) (-)

Ion 65.90 (65.60 to 66.60): VN061627.D (-186) (-)



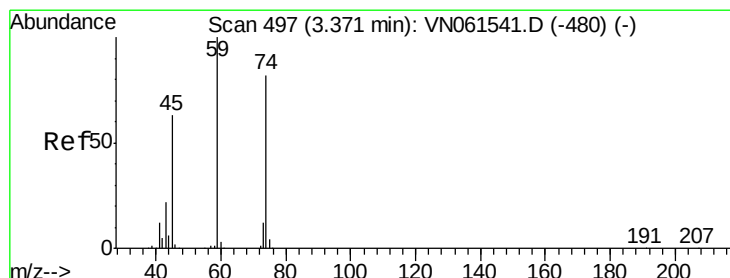
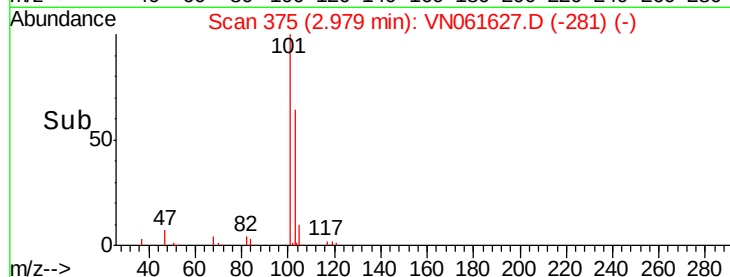
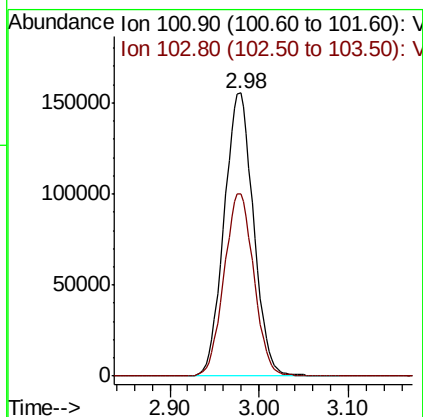
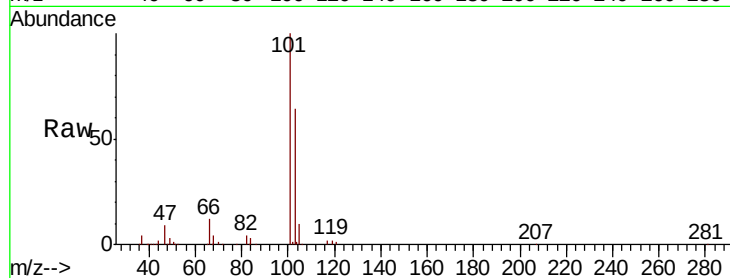


#7

Trichlorofluoromethane
 Concen: 44.163 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

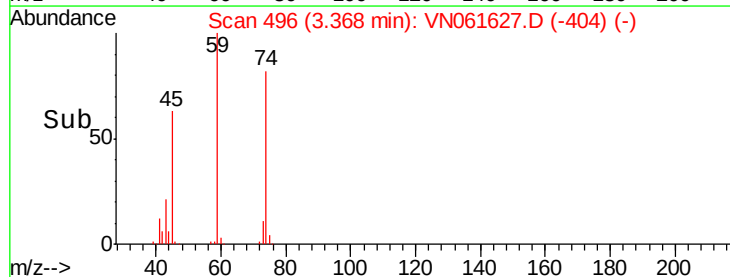
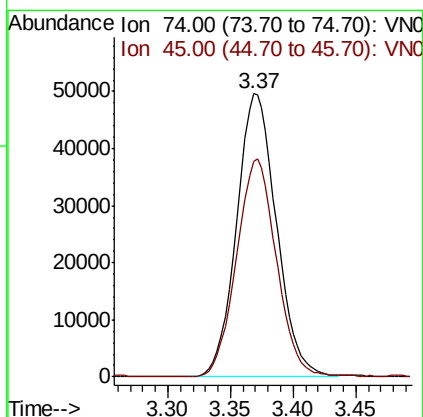
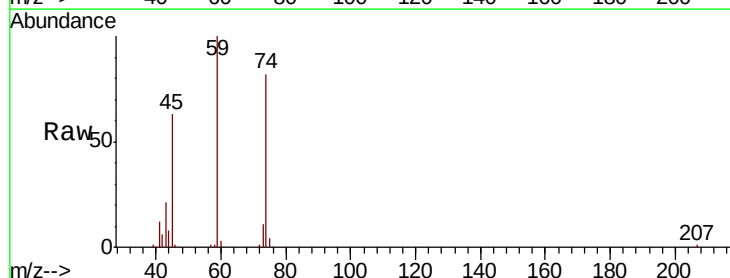
Tot Ion:101 Resp: 354632
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.2

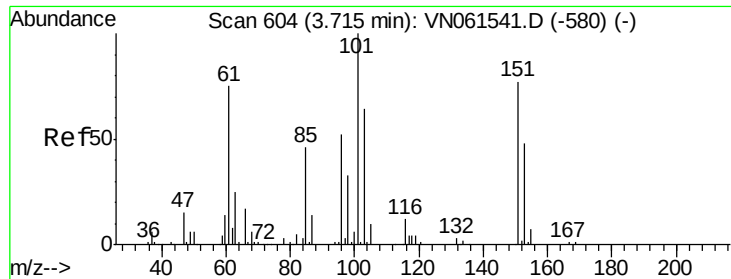


#8

Diethyl Ether
 Concen: 44.715 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion: 74 Resp: 109795
 Ion Ratio Lower Upper
 74 100
 45 77.2 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.542 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

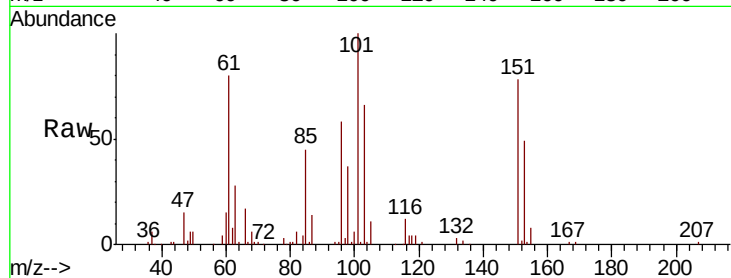
Tot Ion:101 Resp: 172974

Ion Ratio Lower Upper

101 100

85 44.4 35.2 52.8

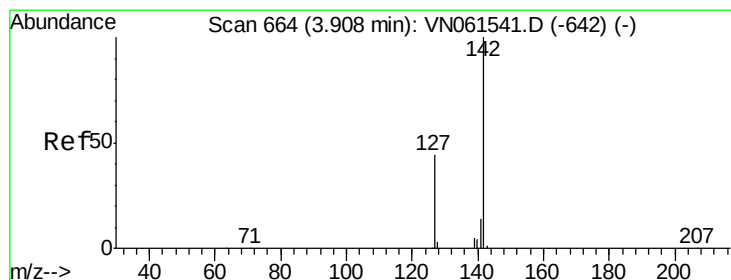
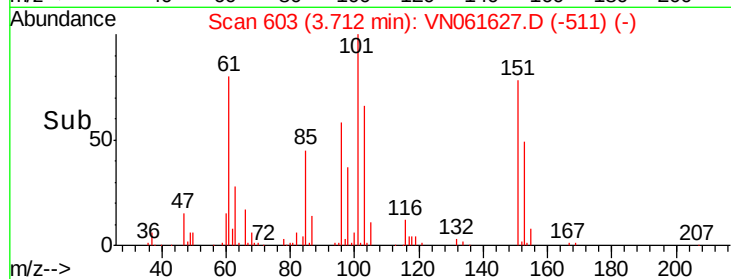
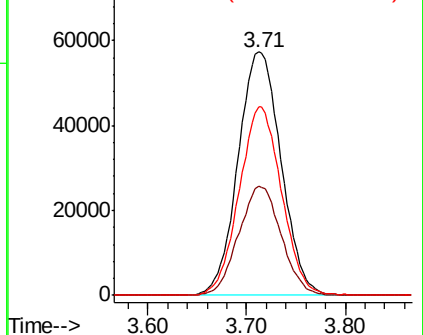
151 76.3 61.0 91.6



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: 46.182 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

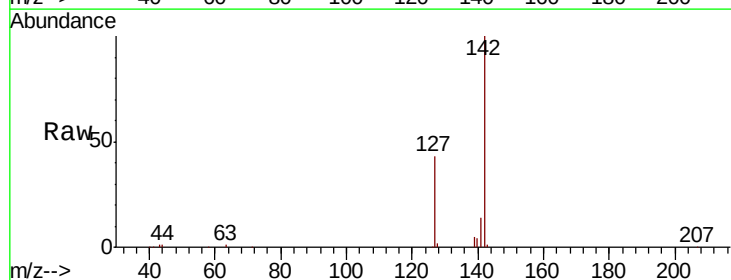
Tgt Ion:142 Resp: 228445

Ion Ratio Lower Upper

142 100

127 43.9 35.5 53.3

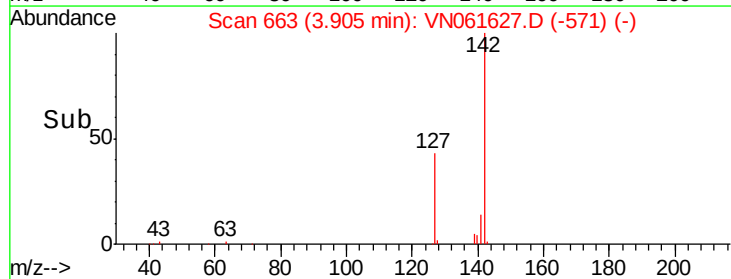
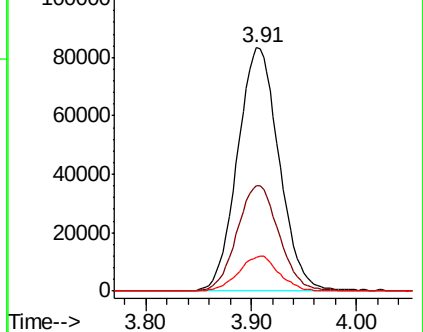
141 13.9 11.5 17.3

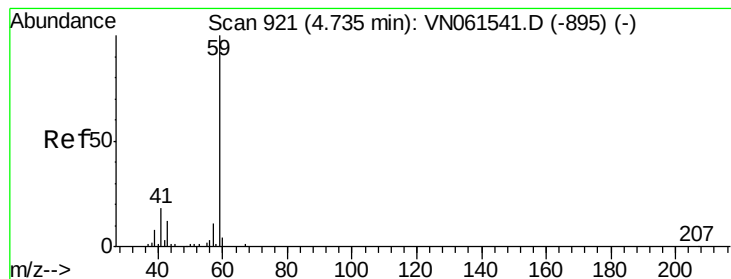


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



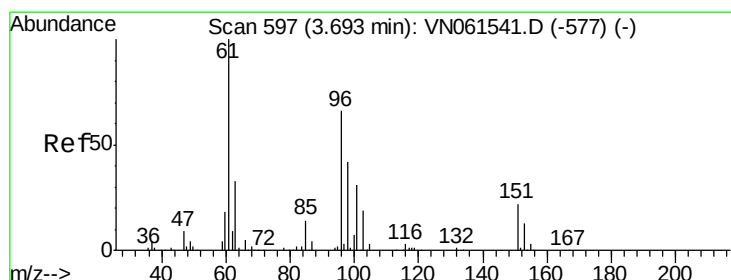
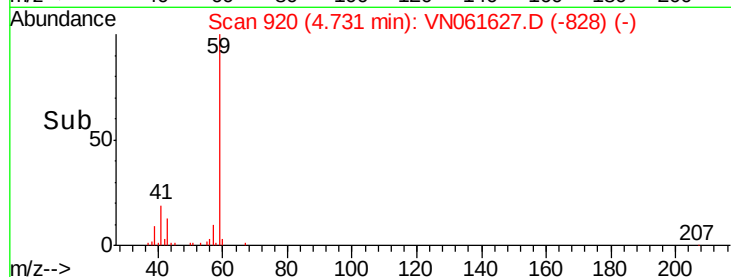
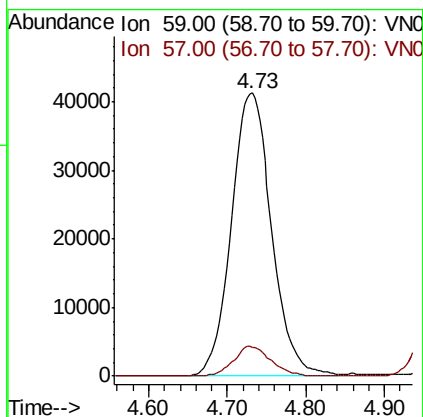
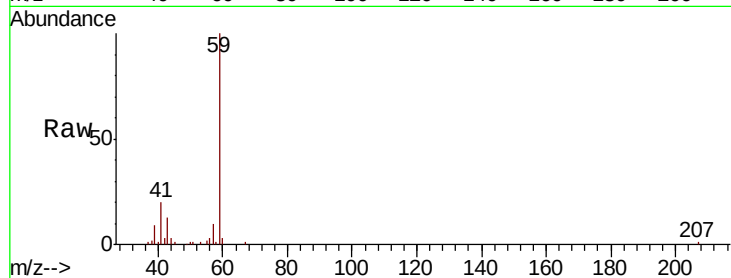


#11

Tert butyl alcohol
 Concen: 249.574 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

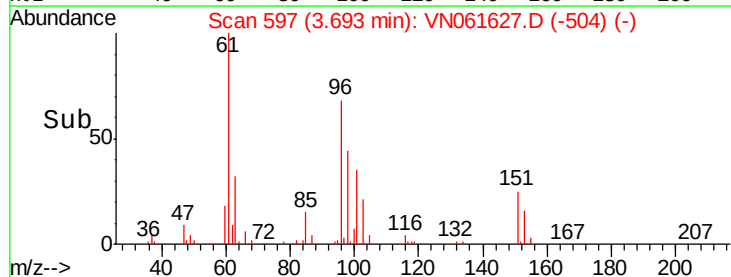
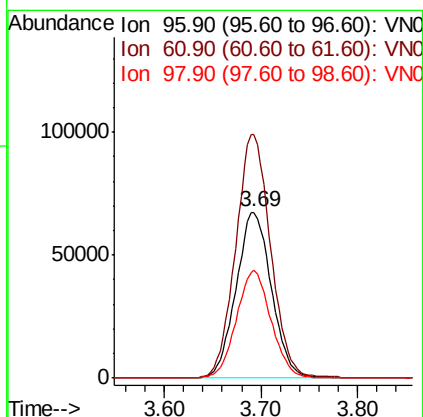
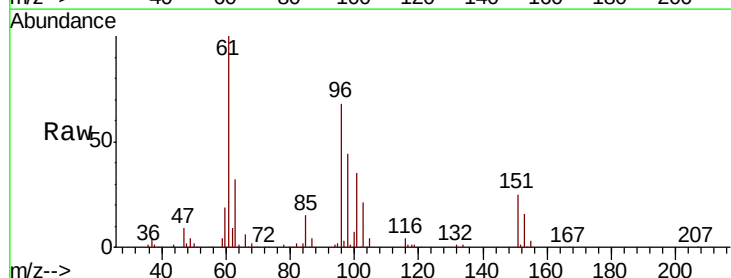
Tot Ion: 59 Resp: 147355
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.4 12.6

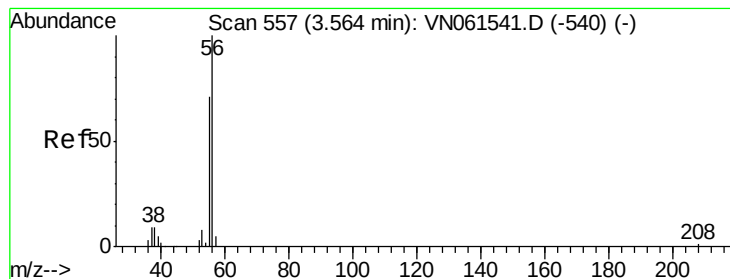


#12

1,1-Dichloroethene
 Concen: 45.116 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion: 96 Resp: 171755
 Ion Ratio Lower Upper
 96 100
 61 146.6 120.5 180.7
 98 65.0 50.8 76.2





#13

Acrolein

Concen: 267.983 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

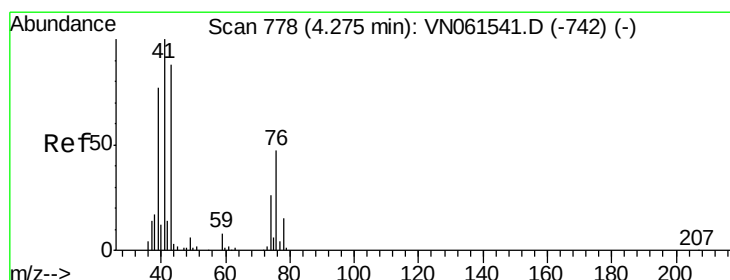
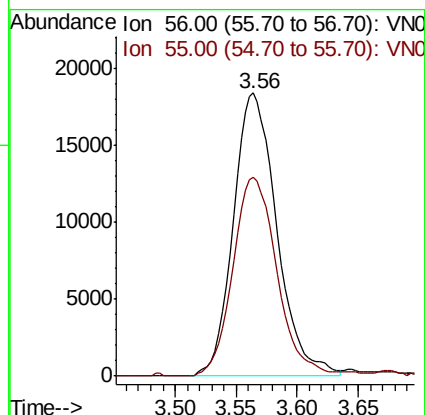
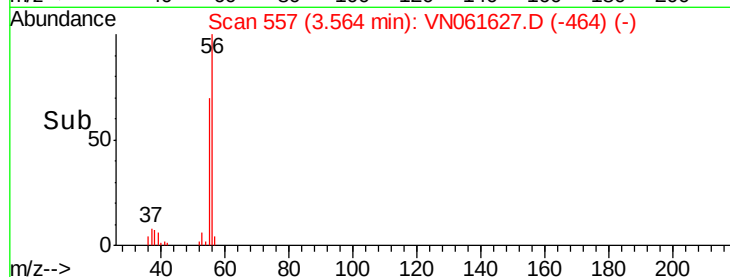
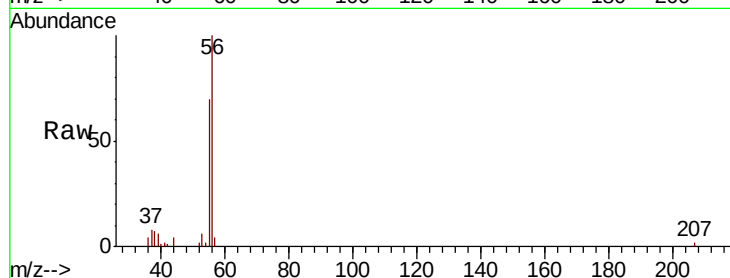
VSTDCCC050

Tot Ion: 56 Resp: 45458

Ion Ratio Lower Upper

56 100

55 71.5 58.0 87.0



#14

Allyl chloride

Concen: 44.213 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

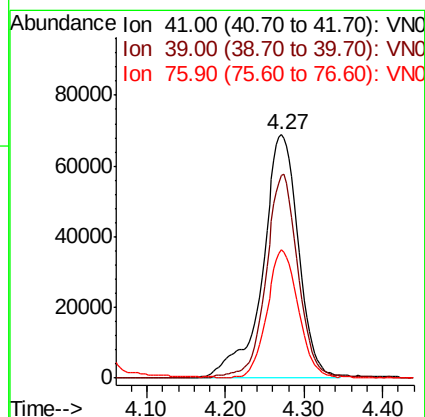
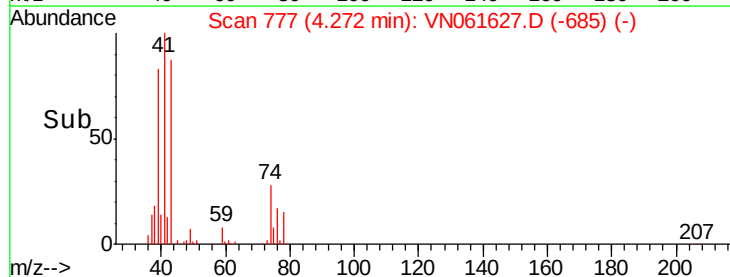
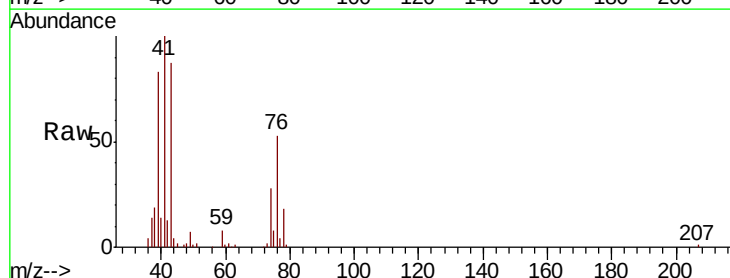
Tgt Ion: 41 Resp: 220052

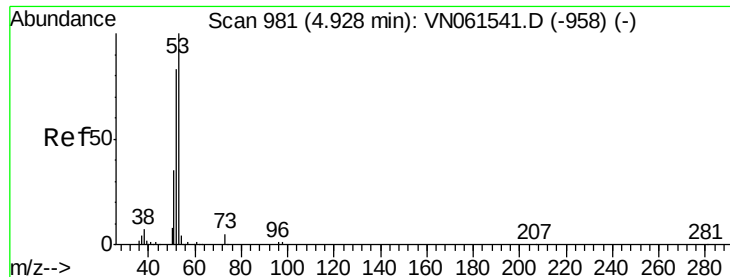
Ion Ratio Lower Upper

41 100

39 74.9 58.6 88.0

76 45.1 34.2 51.4





#15

Acrylonitrile

Concen: 225.838 ug/l

RT: 4.93 min Scan# 981

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

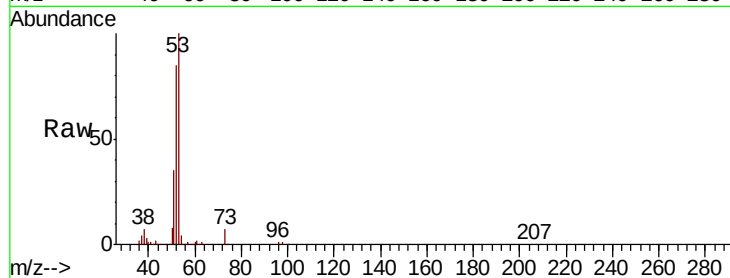
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 372180

Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.4	98.2
51	35.6	29.0	43.6

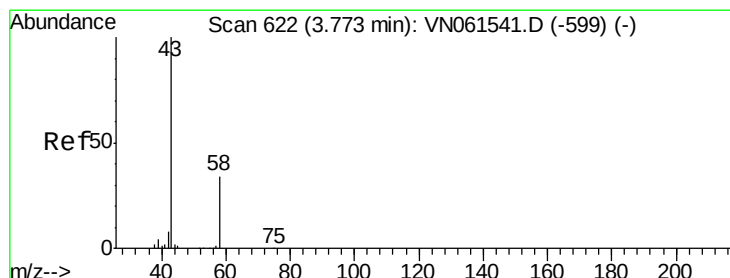
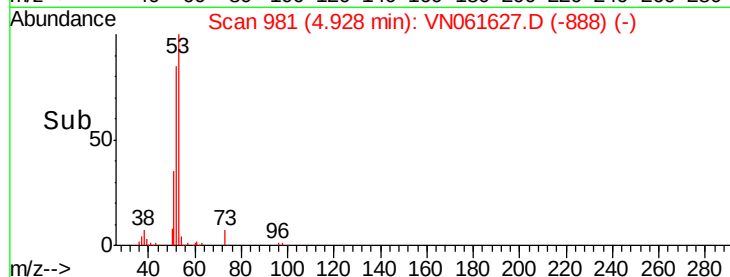
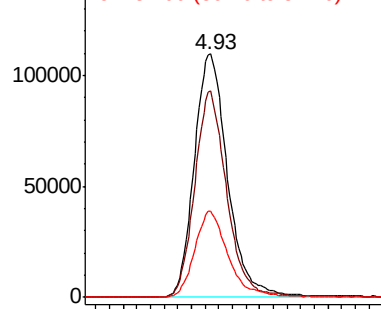


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 252.975 ug/l

RT: 3.77 min Scan# 622

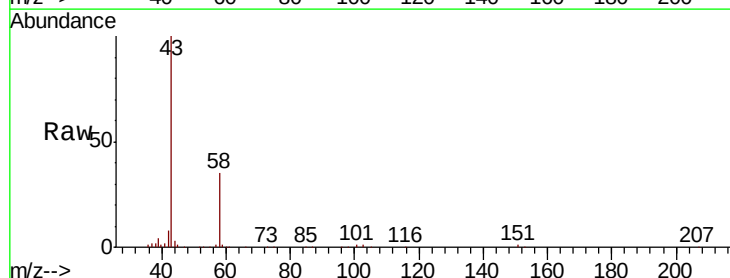
Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Tgt Ion: 43 Resp: 309388

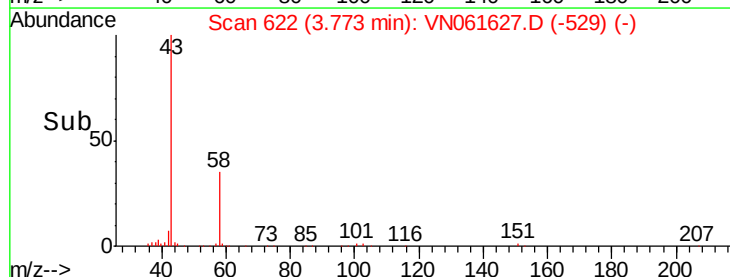
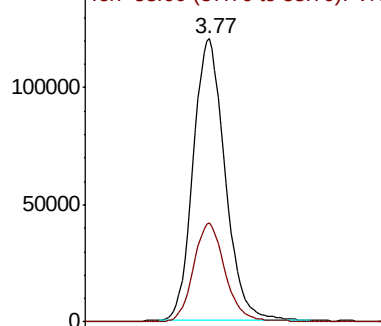
Ion	Ratio	Lower	Upper
43	100		
58	35.0	27.2	40.8

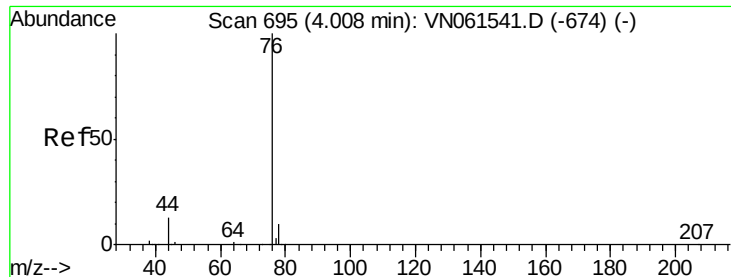


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 42.364 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampled :

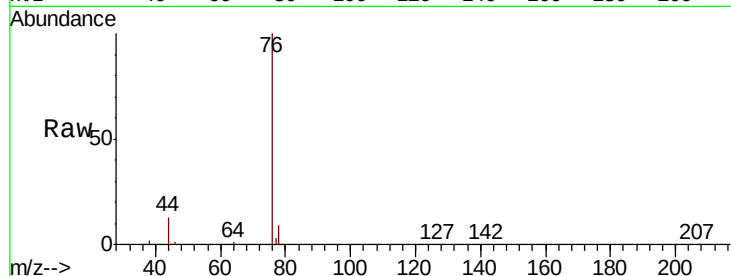
VSTDCCC050

Tot Ion: 76 Resp: 354831

Ion Ratio Lower Upper

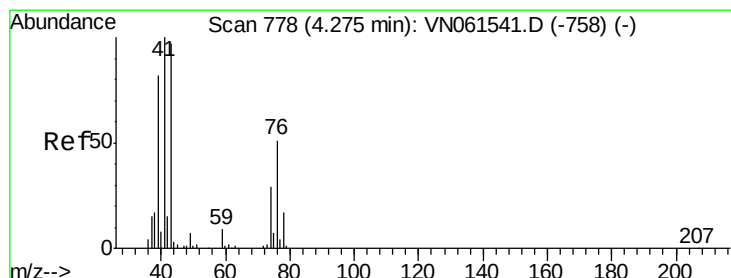
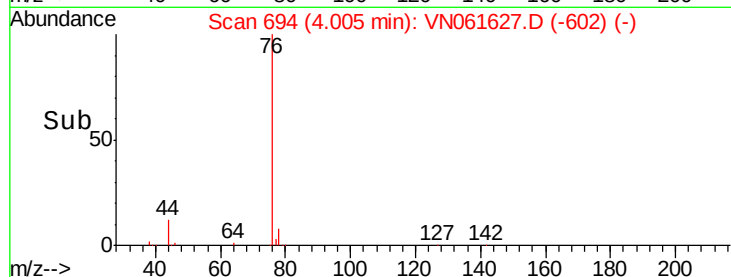
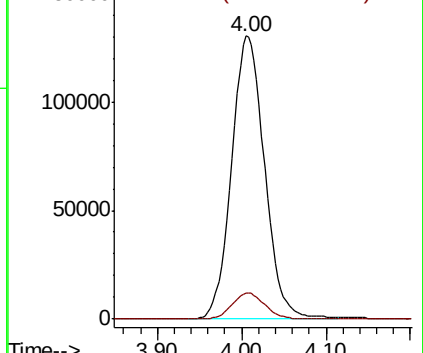
76 100

78 9.4 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VN061541.D (-674) (-)

Ion 77.90 (77.60 to 78.60): VN061541.D (-674) (-)



#18

Methyl Acetate

Concen: 43.531 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061627.D

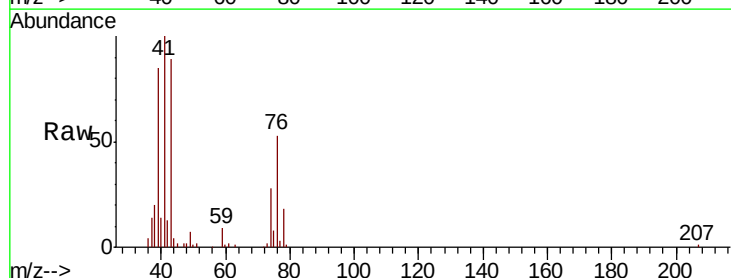
Acq: 3 Jun 2020 10:21

Tgt Ion: 43 Resp: 174924

Ion Ratio Lower Upper

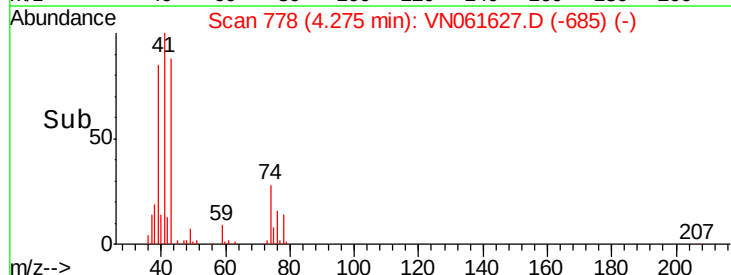
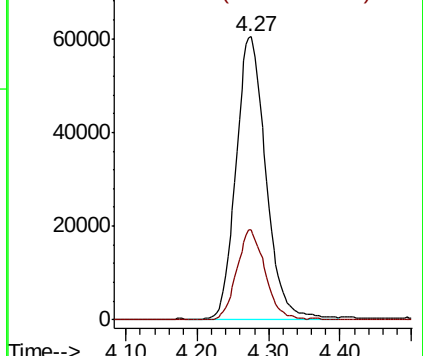
43 100

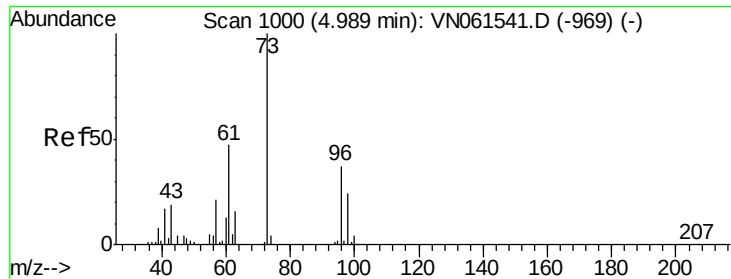
74 30.4 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN061541.D (-758) (-)

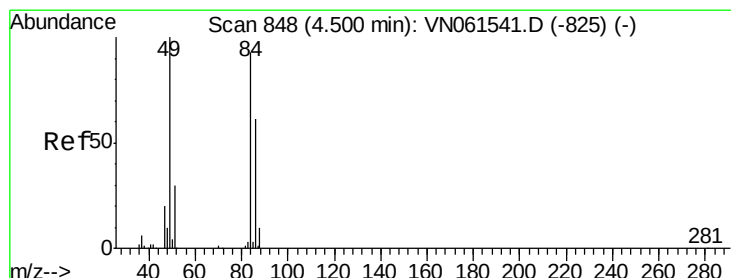
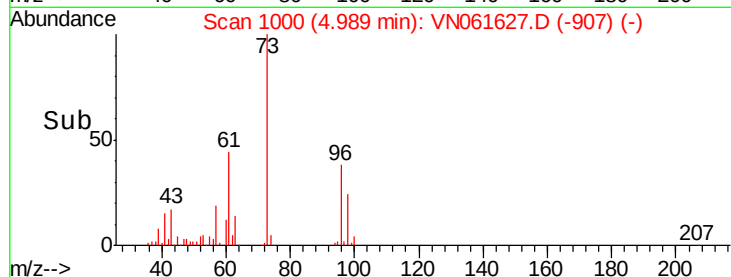
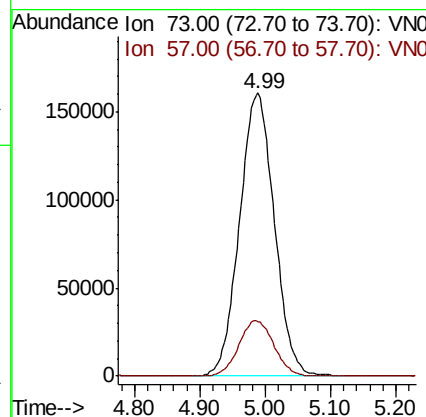
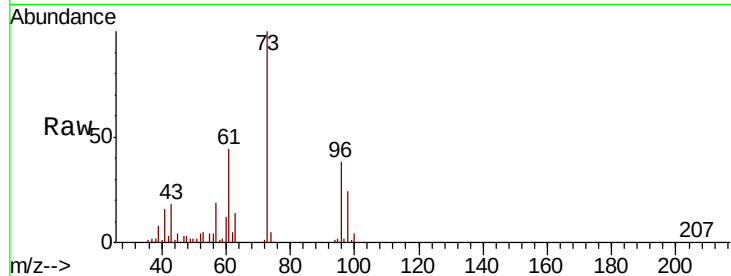




#19
Methyl tert-butyl Ether
Concen: 45.756 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

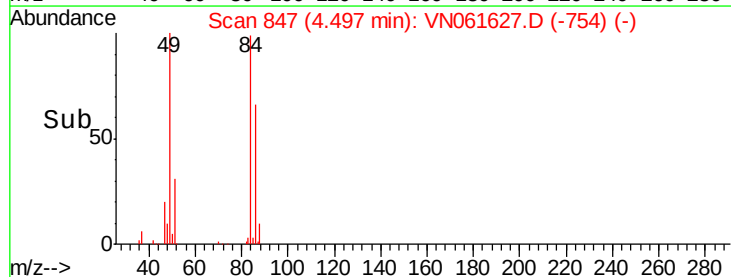
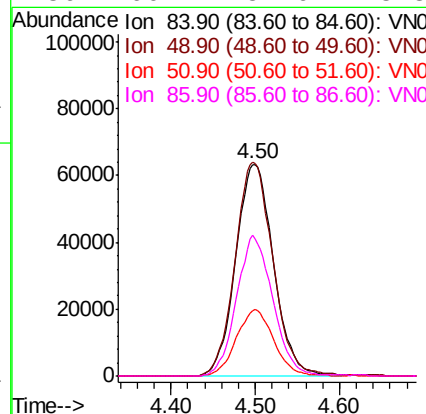
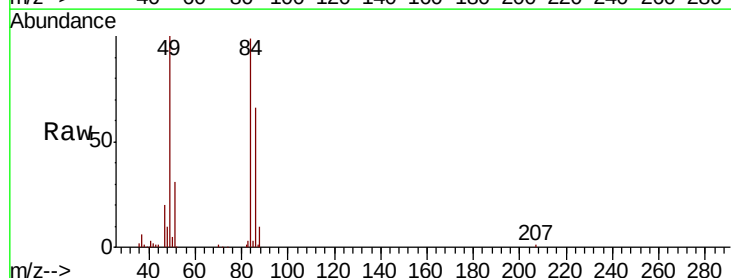
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

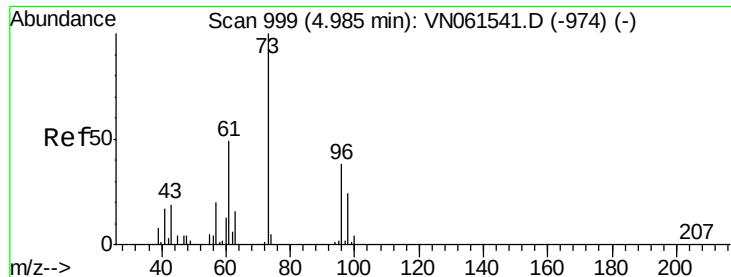
Tot Ion: 73 Resp: 593673
Ion Ratio Lower Upper
73 100
57 19.2 16.4 24.6



#20
Methylene Chloride
Concen: 48.974 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion: 84 Resp: 197735
Ion Ratio Lower Upper
84 100
49 100.9 85.8 128.8
51 31.0 26.2 39.2
86 66.2 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 45.897 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

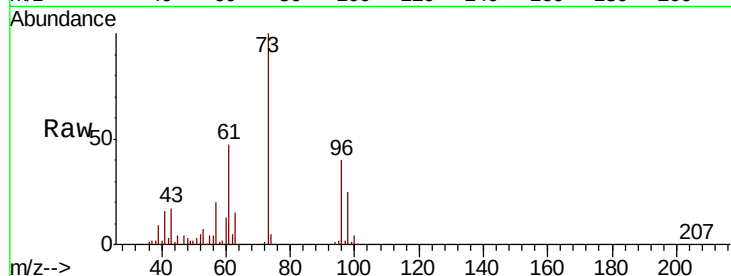
Tot Ion: 96 Resp: 197050

Ion Ratio Lower Upper

96 100

61 118.4 101.4 152.0

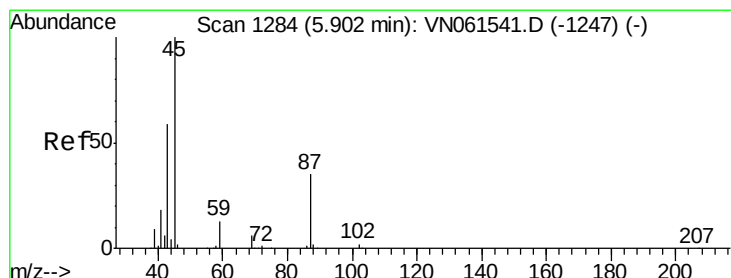
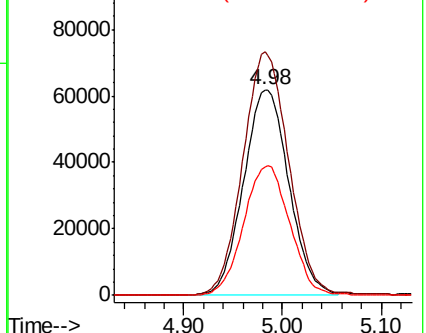
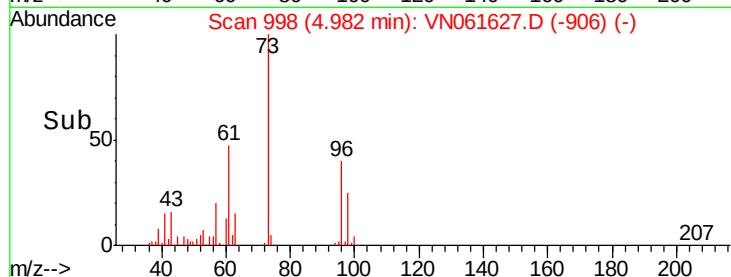
98 62.5 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061627.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061627.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061627.D (-906) (-)



#22

Diisopropyl ether

Concen: 45.689 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Tgt Ion: 45 Resp: 501192

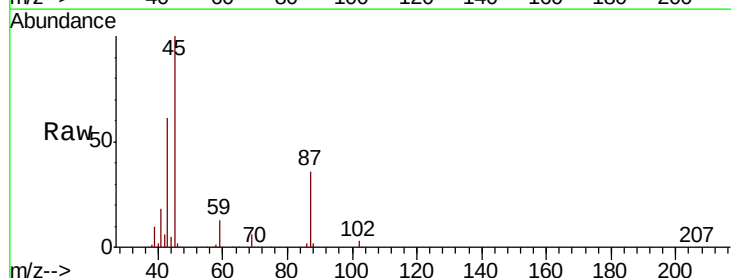
Ion Ratio Lower Upper

45 100

43 59.7 47.9 71.9

87 36.3 28.4 42.6

59 13.1 10.5 15.7

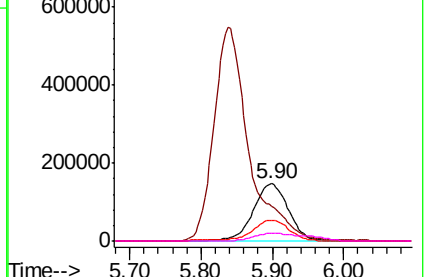
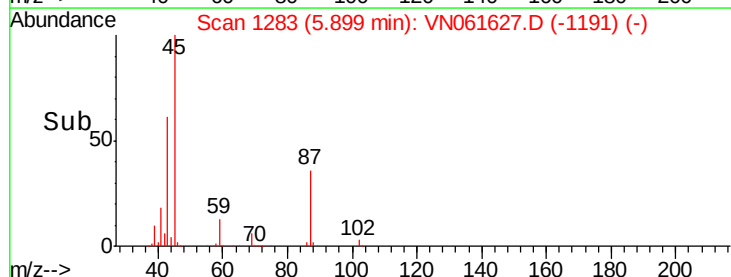


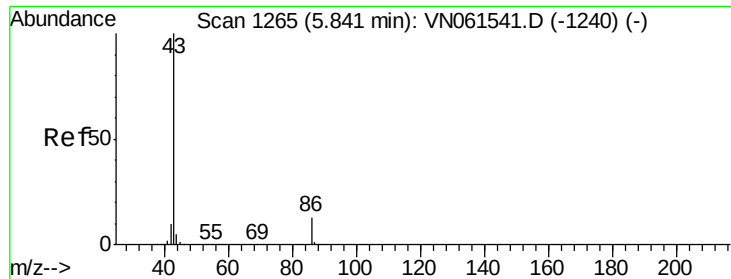
Abundance Ion 45.00 (44.70 to 45.70): VN061627.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061627.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061627.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061627.D (-1191) (-)





#23

Vinyl Acetate

Concen: 214.097 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

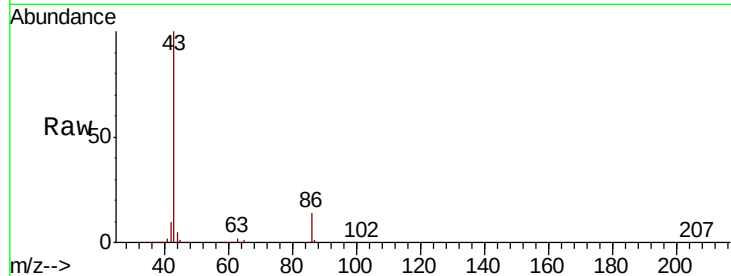
VSTDCCC050

Tot Ion: 43 Resp: 1871855

Ion Ratio Lower Upper

43 100

86 14.3 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1240) (-)

Ion 86.00 (85.70 to 86.70): VN061541.D (-1240) (-)

5.84

600000

500000

400000

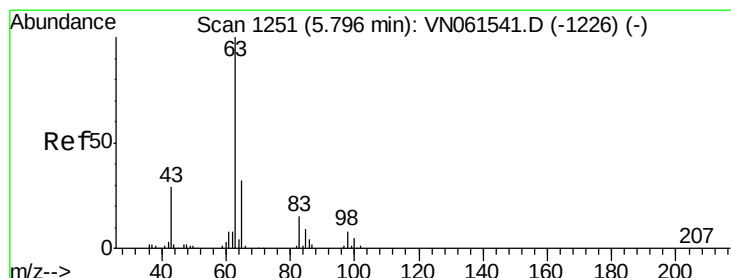
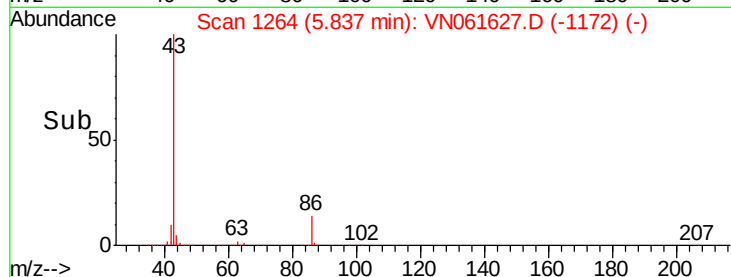
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.468 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

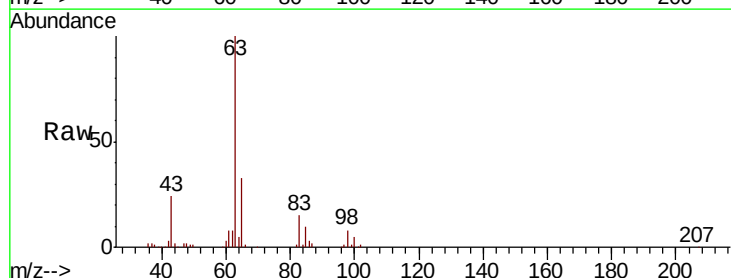
Tgt Ion: 63 Resp: 323230

Ion Ratio Lower Upper

63 100

98 8.3 3.8 11.4

100 5.3 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN061541.D (-1226) (-)

Ion 97.90 (97.60 to 98.60): VN061541.D (-1226) (-)

Ion 99.90 (99.60 to 100.60): VN061541.D (-1226) (-)

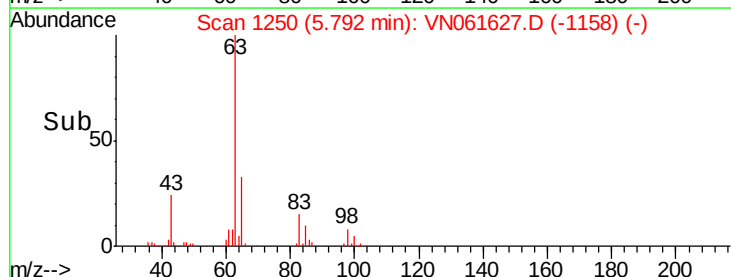
5.79

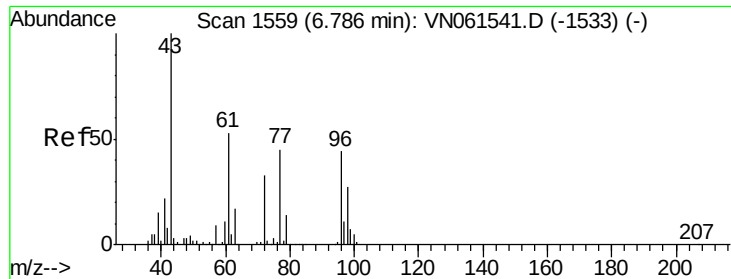
100000

50000

0

Time-->

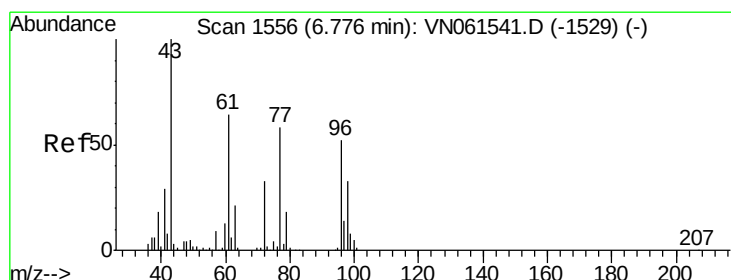
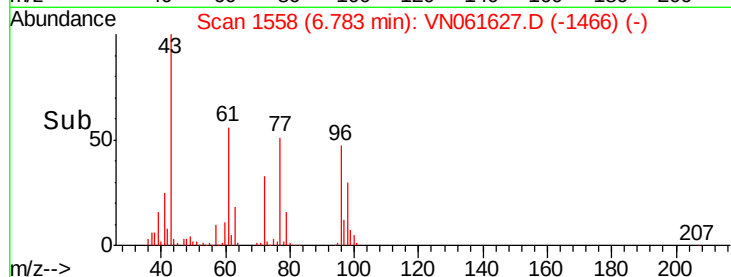
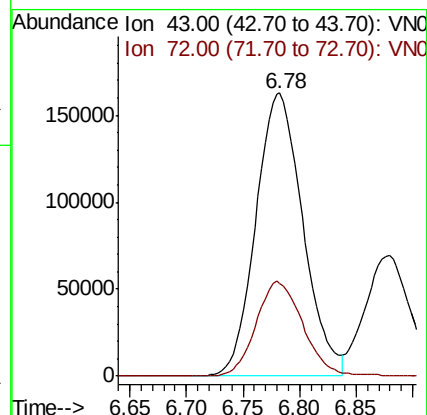
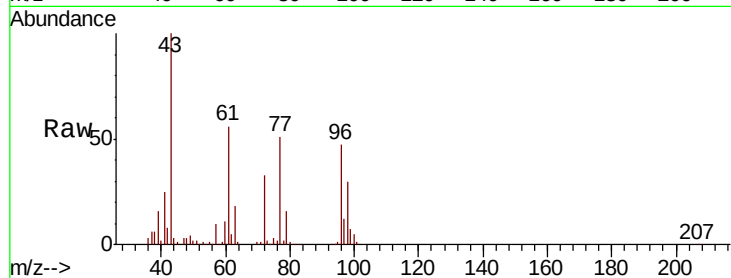




#25
2-Butanone
Concen: 222.614 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

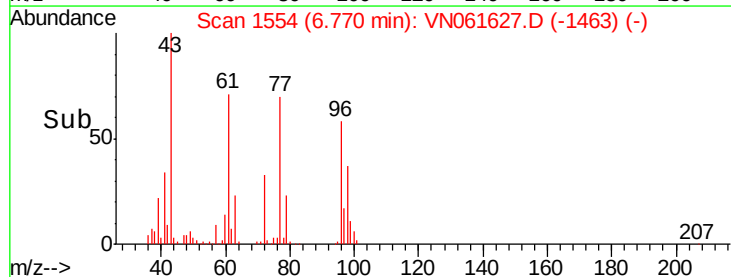
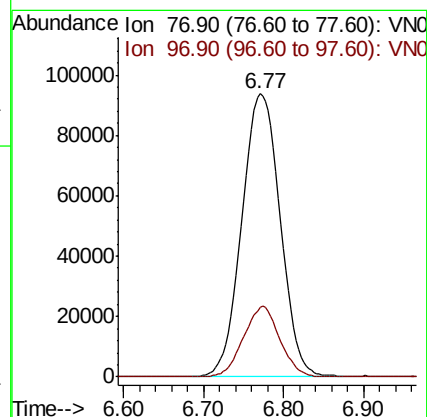
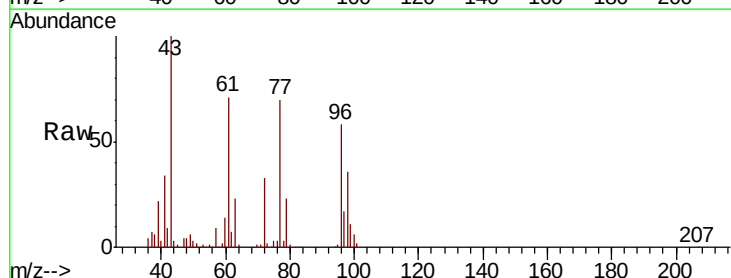
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

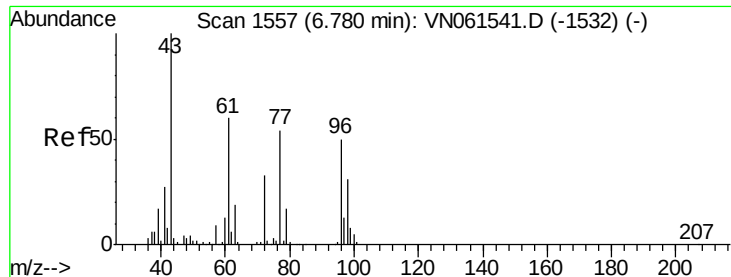
Tot Ion: 43 Resp: 468319
Ion Ratio Lower Upper
43 100
72 32.9 26.0 39.0



#26
2,2-Dichloropropane
Concen: 48.007 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion: 77 Resp: 305639
Ion Ratio Lower Upper
77 100
97 23.6 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 47.995 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

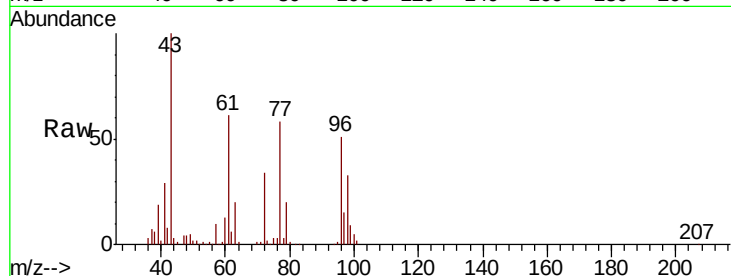
Tot Ion: 96 Resp: 233328

Ion Ratio Lower Upper

96 100

61 125.1 0.0 252.2

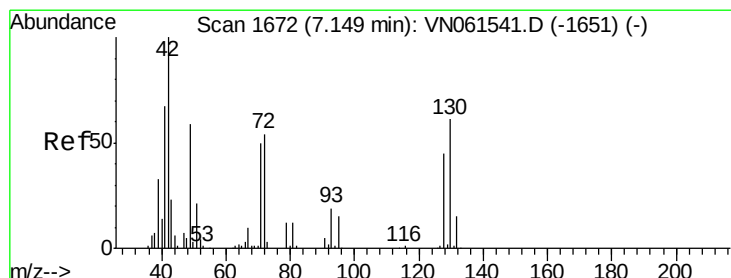
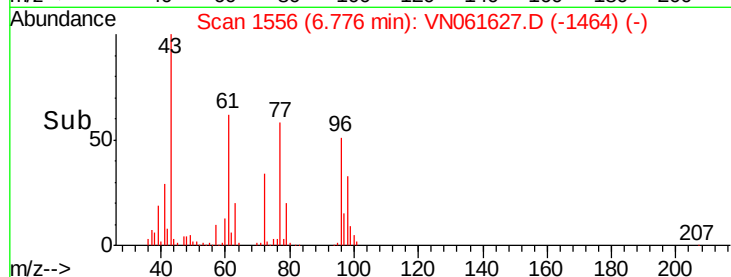
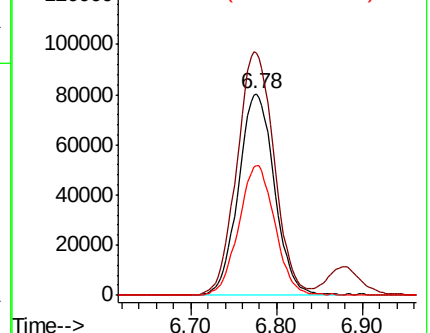
98 64.6 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN061627.D (-1579) (-)

Ion 60.90 (60.60 to 61.60): VN061627.D (-1579) (-)

Ion 97.90 (97.60 to 98.60): VN061627.D (-1579) (-)



#28

Bromochloromethane

Concen: 46.808 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

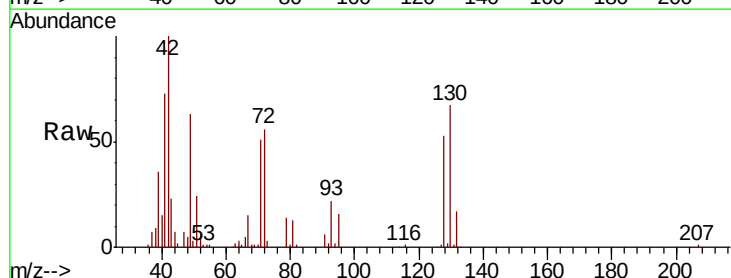
Tgt Ion: 49 Resp: 122464

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

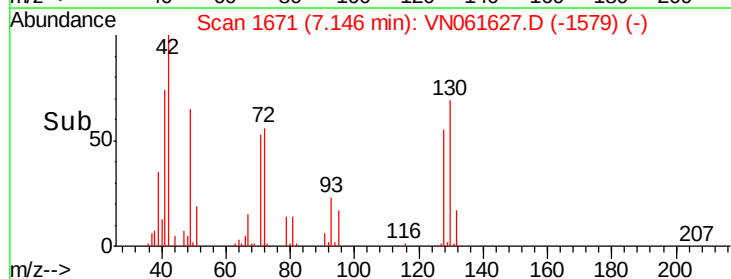
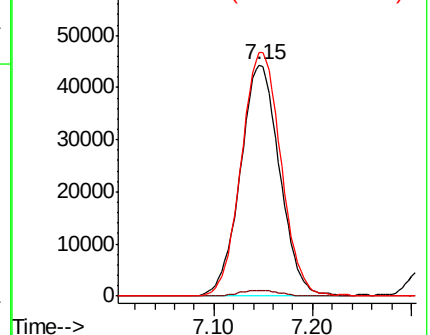
130 106.3 78.8 118.2

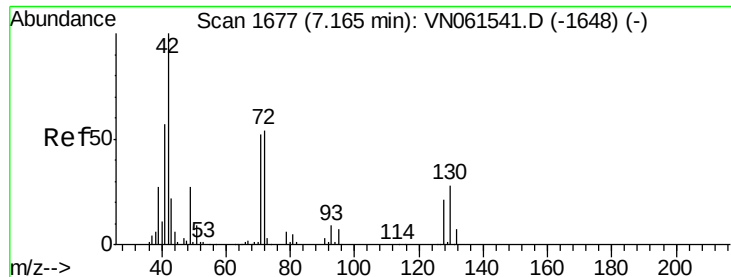


Abundance Ion 48.90 (48.60 to 49.60): VN061627.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN061627.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN061627.D (-1579) (-)

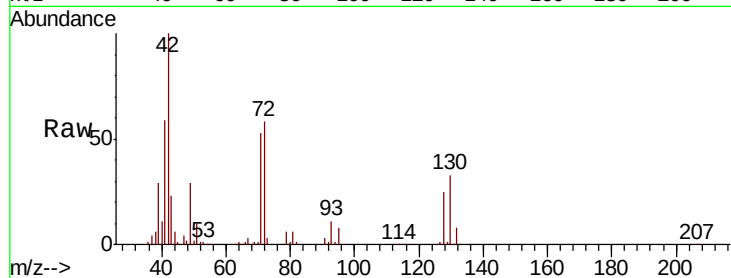




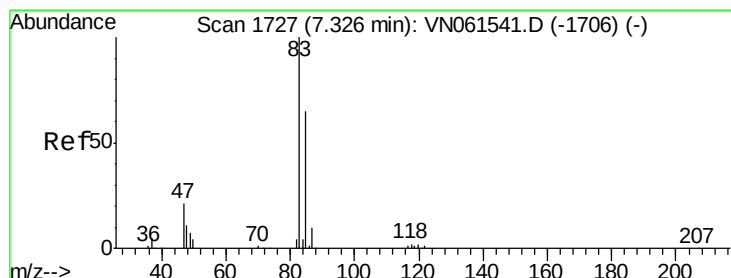
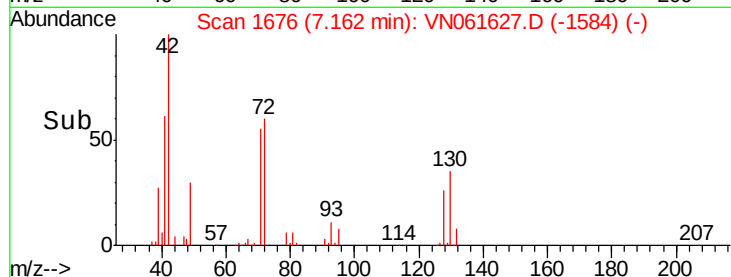
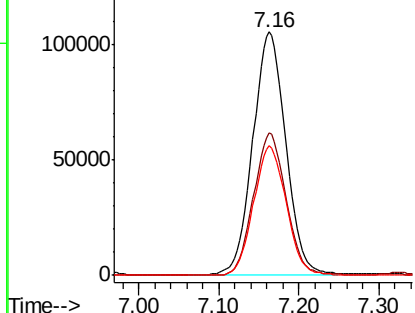
#29
Tetrahydrofuran
Concen: 215.271 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 298630
Ion Ratio Lower Upper
42 100
72 57.4 43.6 65.4
71 52.4 41.2 61.8

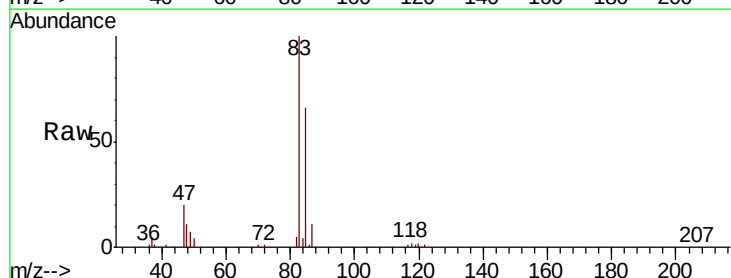


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

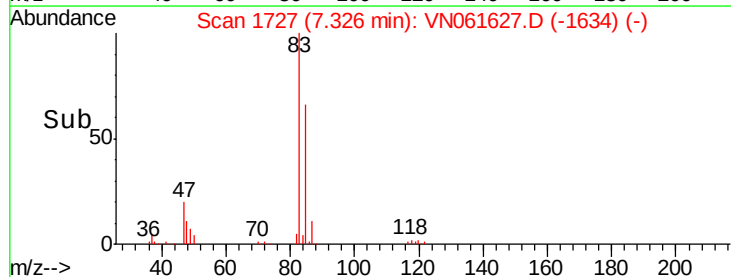
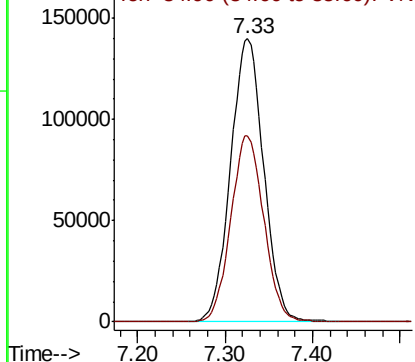


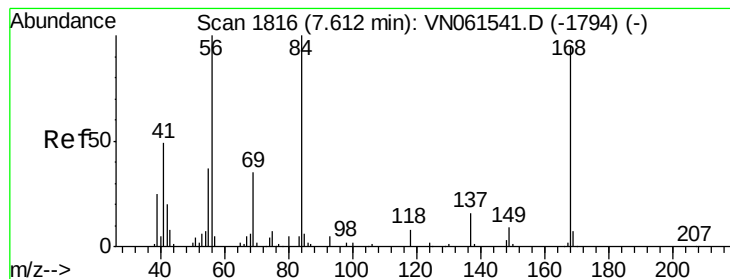
#30
Chloroform
Concen: 47.796 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion: 83 Resp: 367818
Ion Ratio Lower Upper
83 100
85 65.8 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: 44.416 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

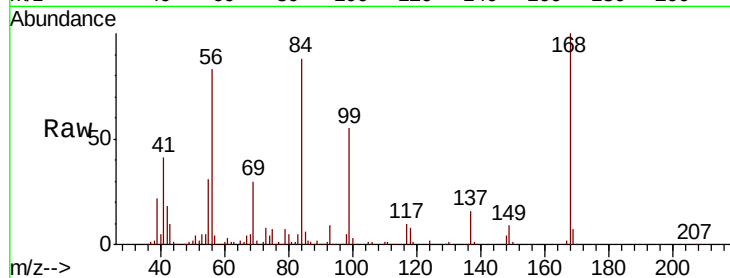
Tot Ion: 56 Resp: 277864

Ion Ratio Lower Upper

56 100

69 36.5 27.8 41.8

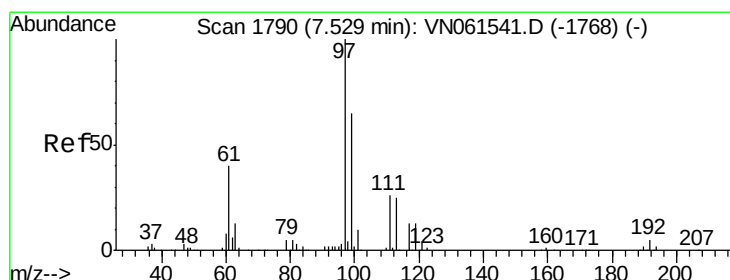
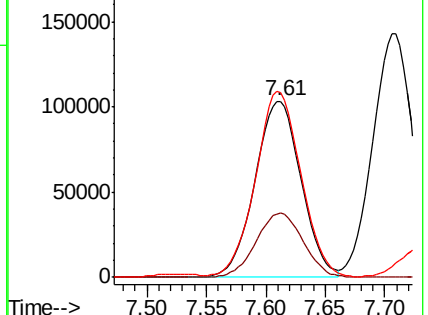
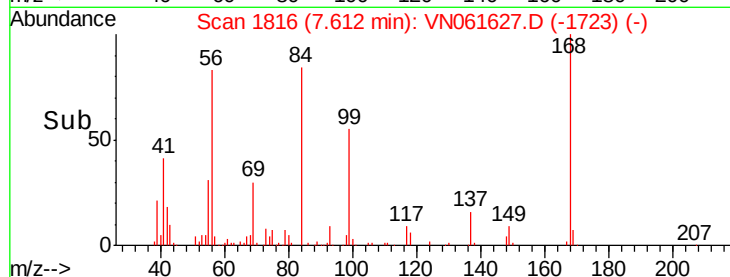
84 103.4 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061627.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN061627.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN061627.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 47.389 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

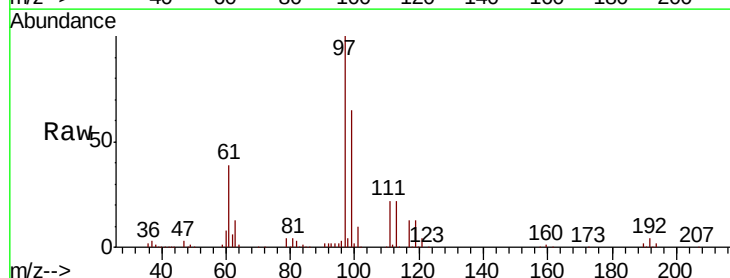
Tgt Ion: 97 Resp: 332302

Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.0

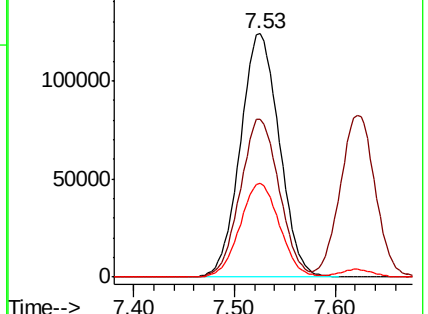
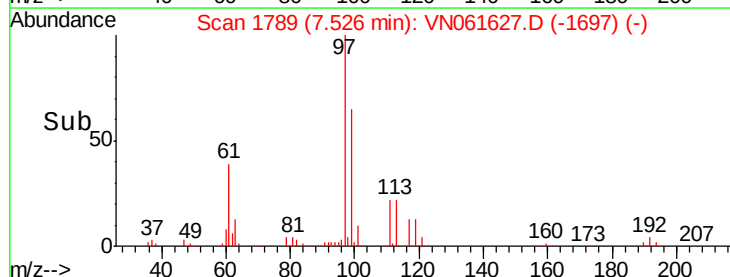
61 39.1 31.4 47.0

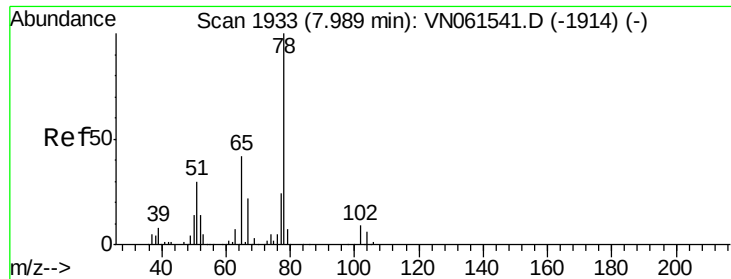


Abundance Ion 96.90 (96.60 to 97.60): VN061627.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061627.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061627.D (-1697) (-)

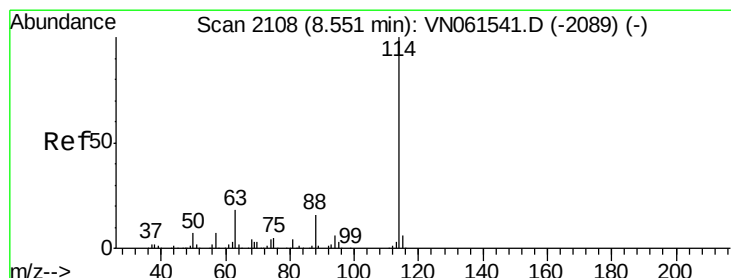
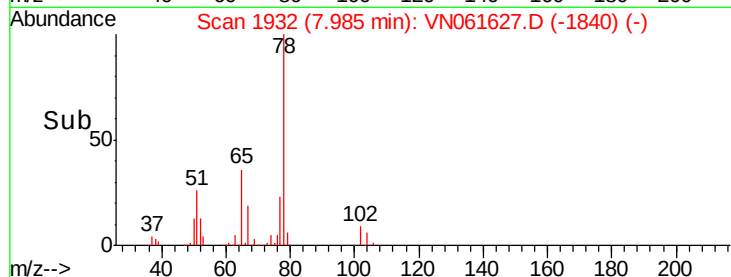
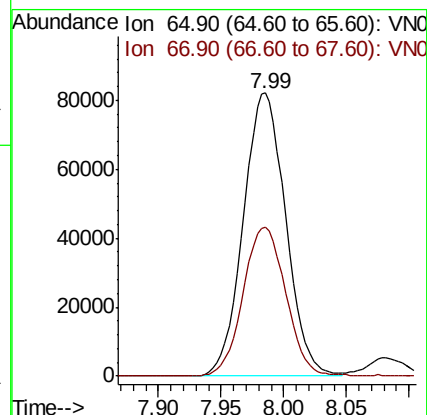
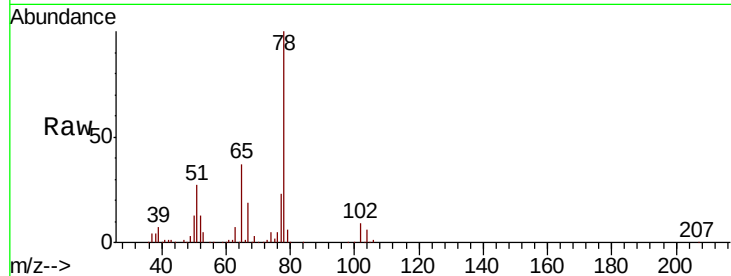




#33
 1,2-Dichloroethane-d4
 Concen: 43.520 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

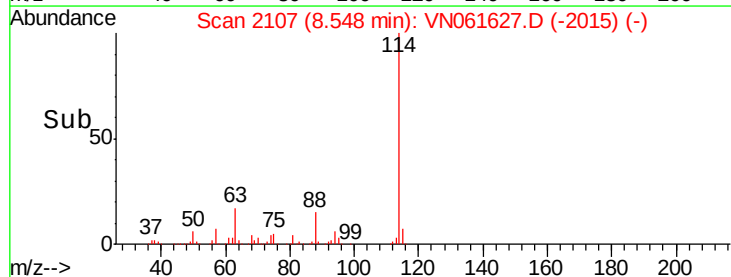
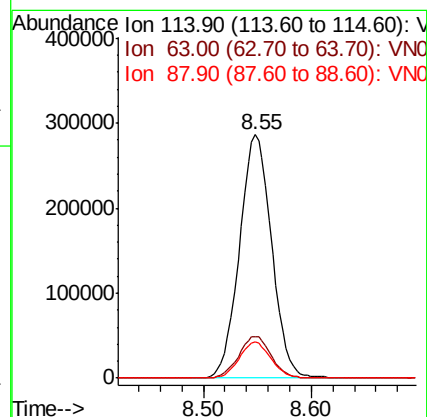
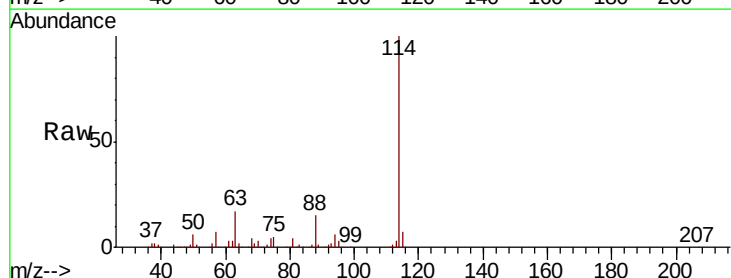
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

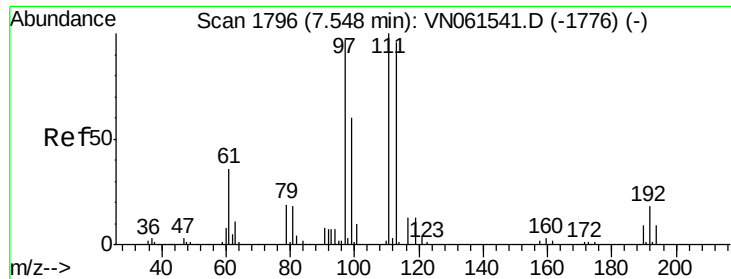
Tot Ion: 65 Resp: 193181
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion: 114 Resp: 593621
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.8
 88 14.7 0.0 31.0

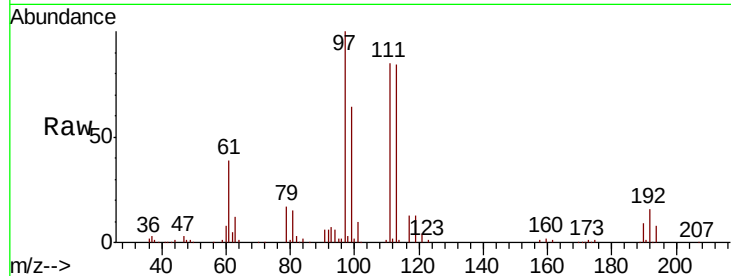




#35
 Dibromofluoromethane
 Concen: 47.563 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.4	125.0
192	20.1	15.4	23.2

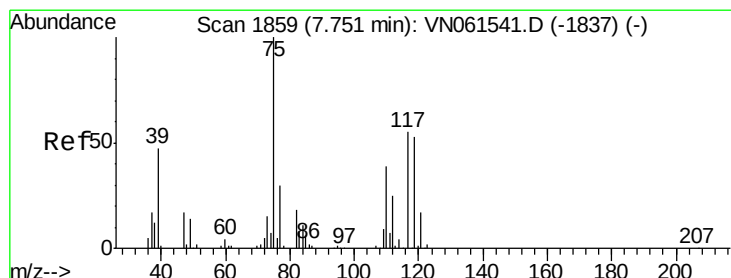
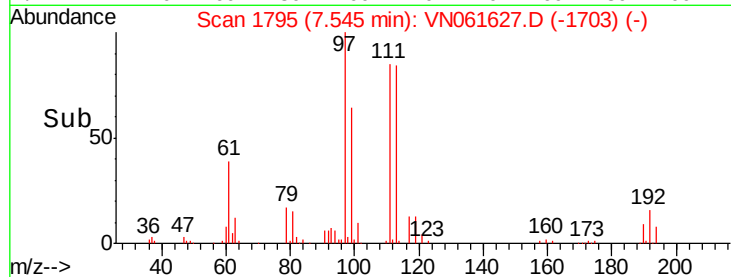
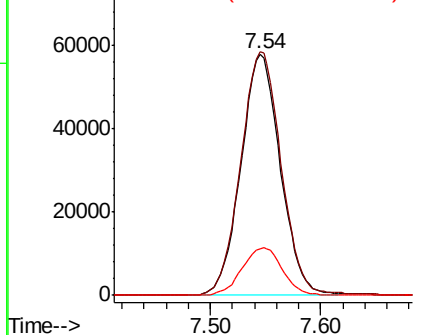


Abundance

Ion 112.80 (112.50 to 113.50): V

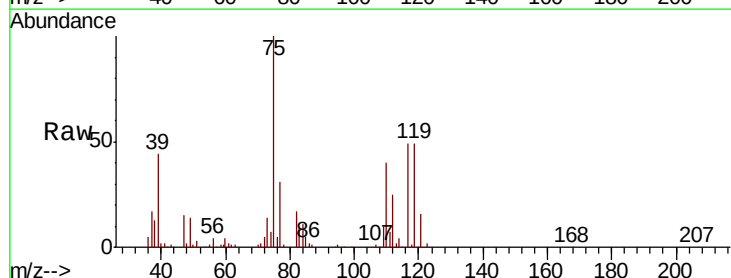
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 50.309 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.5	19.5	58.5
77	31.7	24.7	37.1

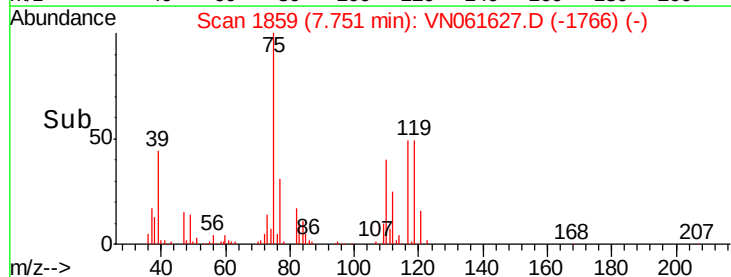
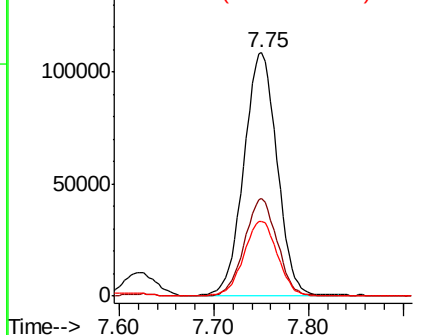


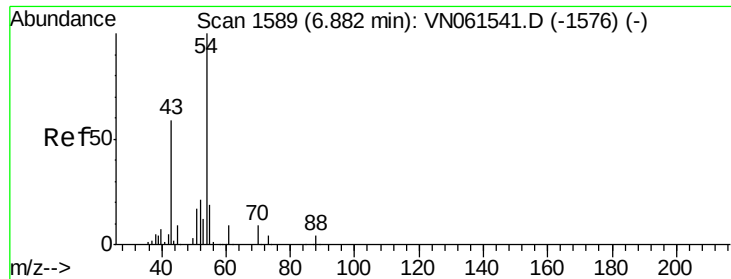
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

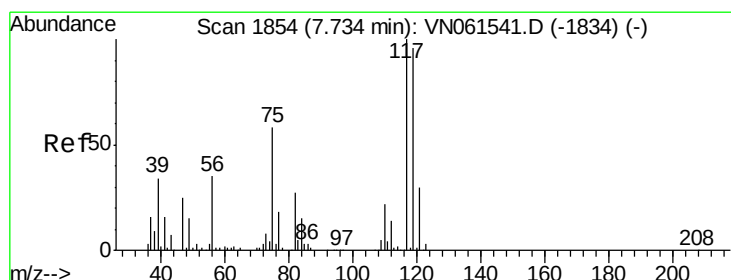
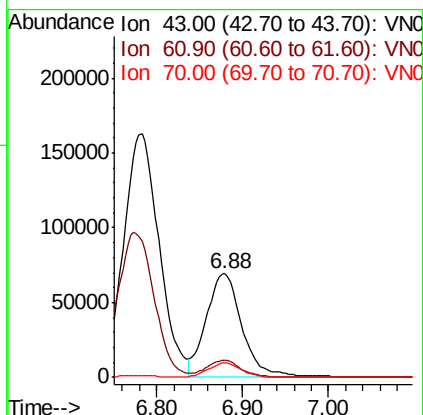
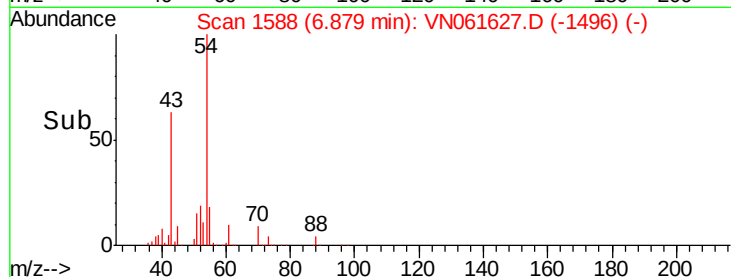
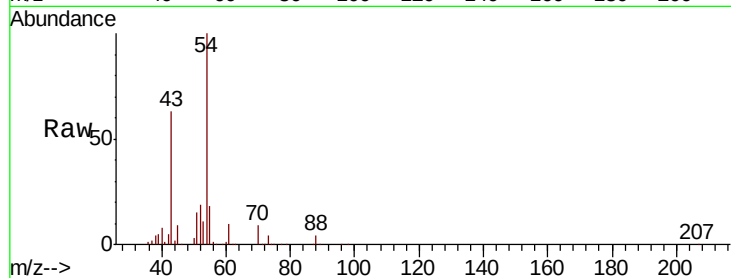




#37
Ethyl Acetate
Concen: 47.031 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

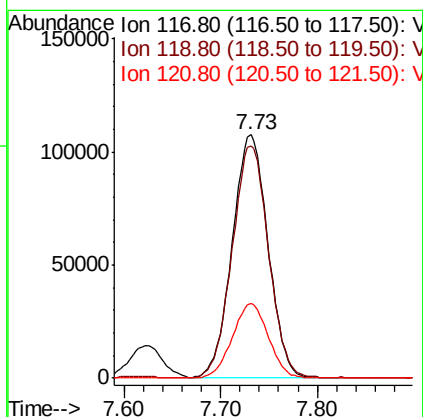
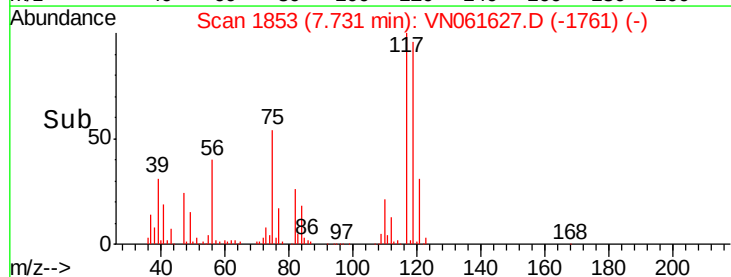
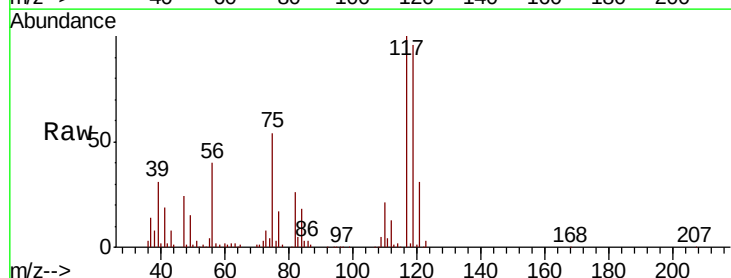
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

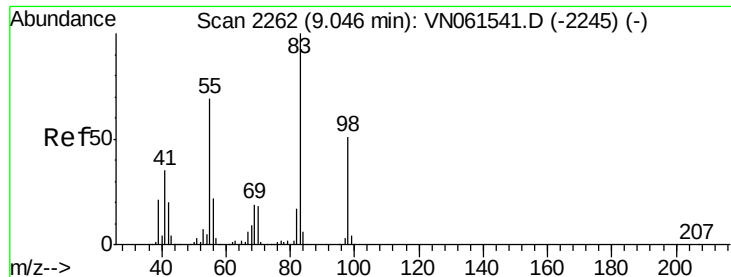
Tot Ion: 43 Resp: 199062
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.4
70 13.2 9.4 14.2



#38
Carbon Tetrachloride
Concen: 54.344 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion: 117 Resp: 275465
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
121 30.6 24.1 36.1

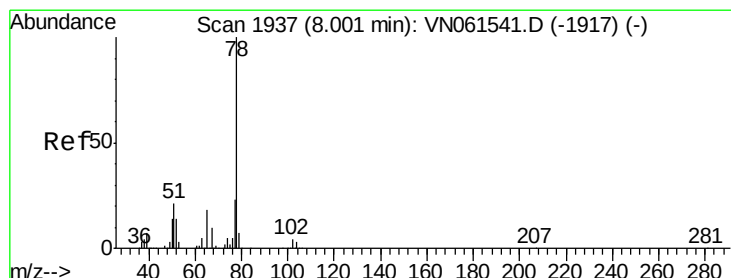
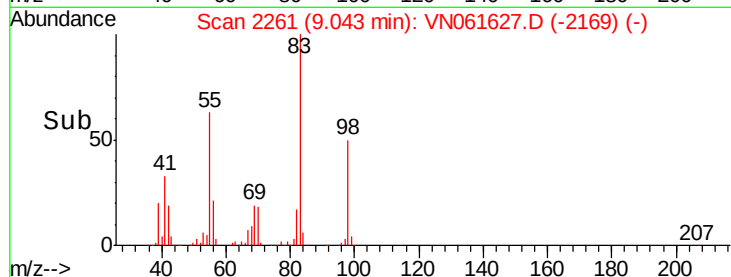
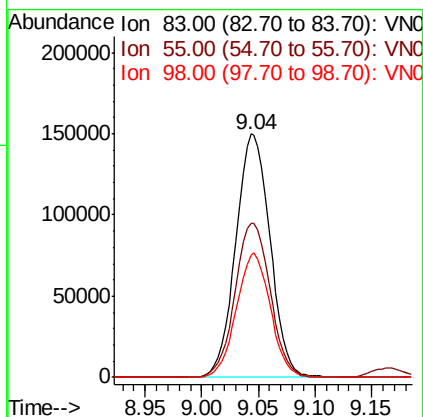
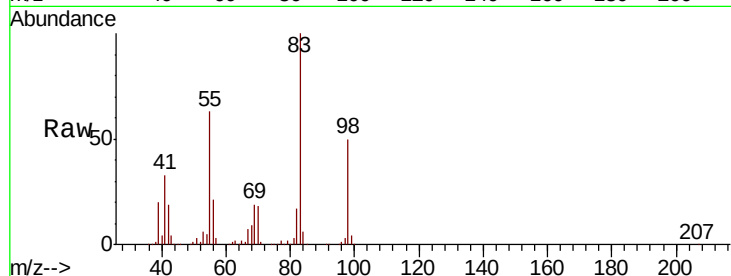




#39
Methylvlcyclohexane
Concen: 48.933 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

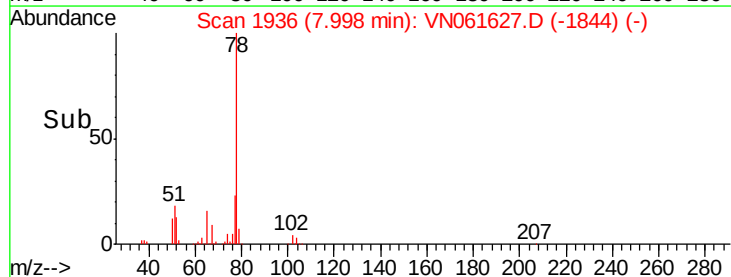
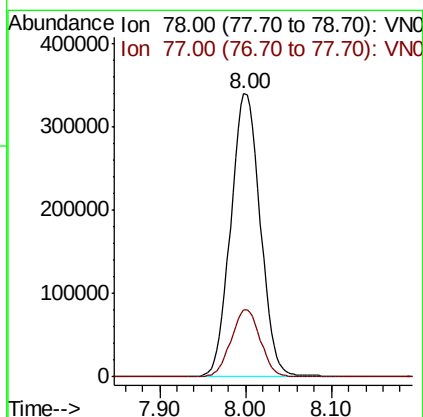
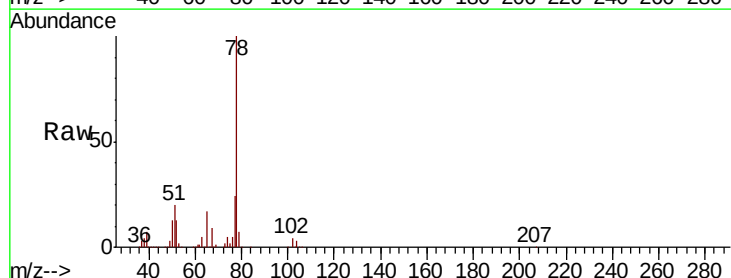
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

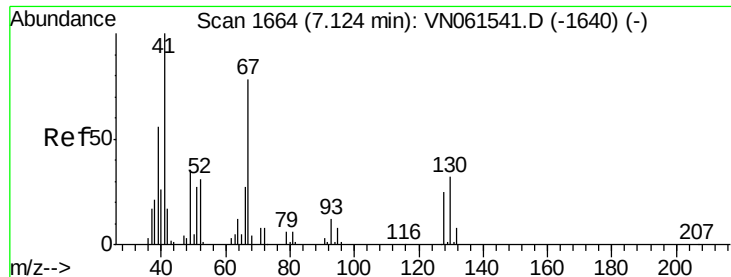
Tot Ion: 83 Resp: 316952
Ion Ratio Lower Upper
83 100
55 63.5 54.9 82.3
98 50.0 41.0 61.4



#40
Benzene
Concen: 50.125 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion: 78 Resp: 812752
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

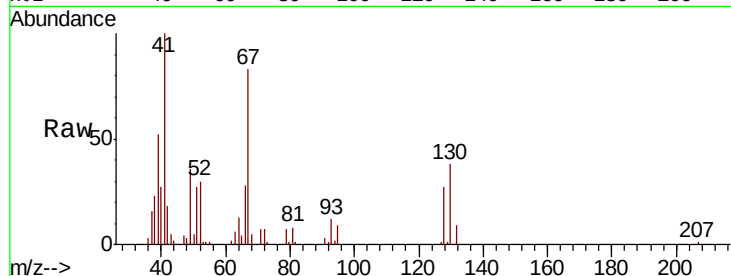




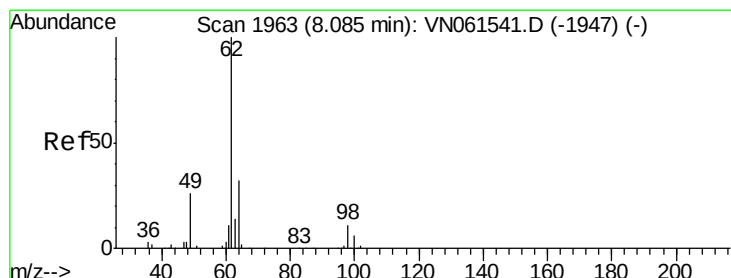
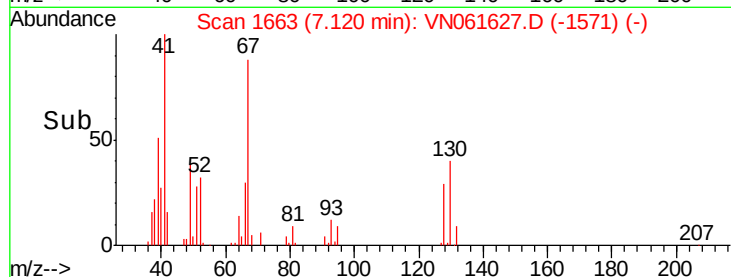
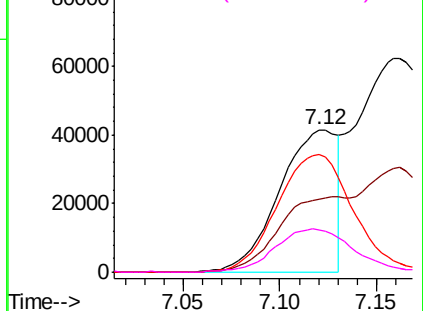
#41
Methacrylonitrile
Concen: 44.719 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	86720
Ion	Ratio	Lower	Upper
41	100		
39	63.6	53.8	80.6
67	109.1	91.1	136.7
52	42.0	36.0	54.0

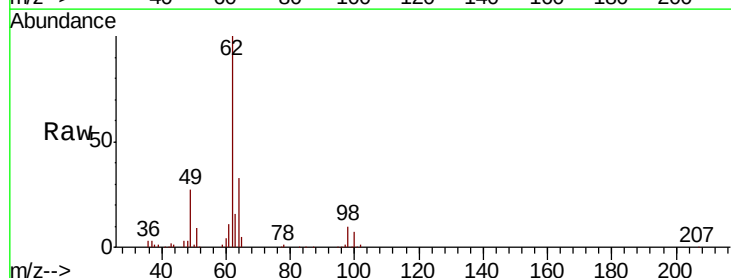


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

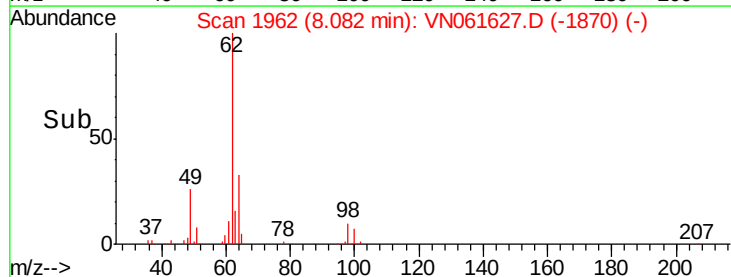
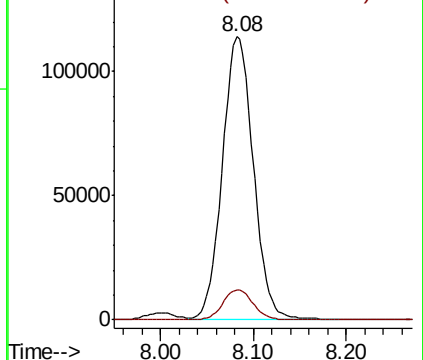


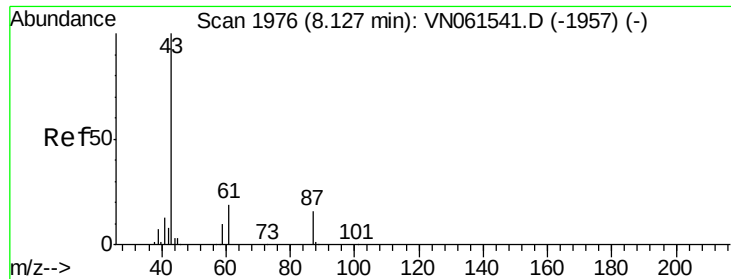
#42
1,2-Dichloroethane
Concen: 48.538 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion:	62	Resp:	263480
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 45.762 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

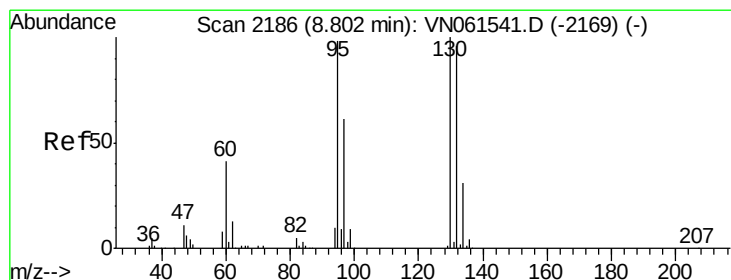
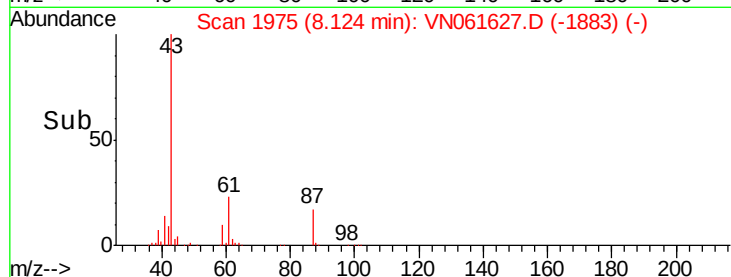
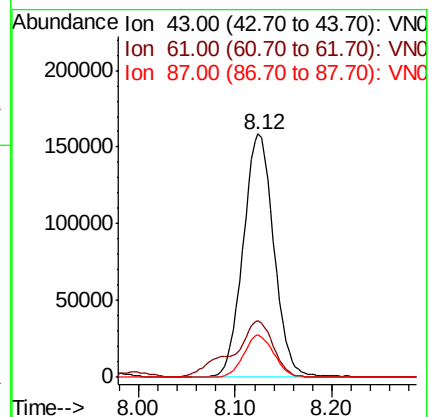
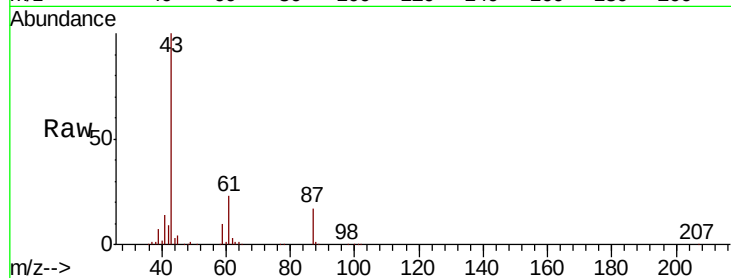
Tot Ion: 43 Resp: 348472

Ion Ratio Lower Upper

43 100

61 30.5 23.6 35.4

87 17.2 13.0 19.6



#44

Trichloroethene

Concen: 52.485 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061627.D

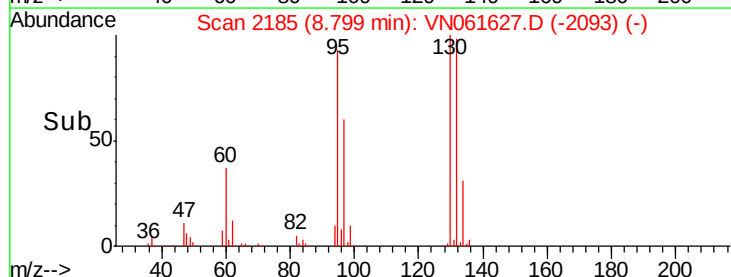
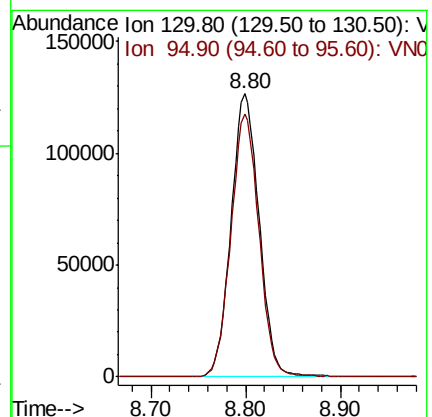
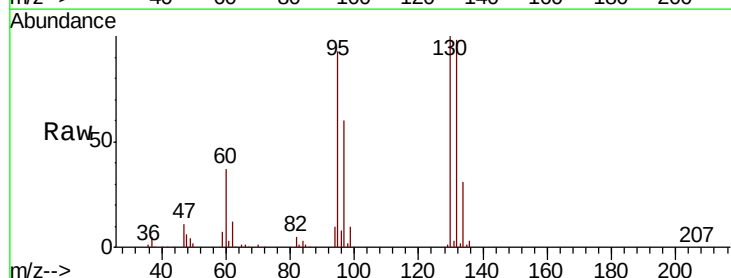
Acq: 3 Jun 2020 10:21

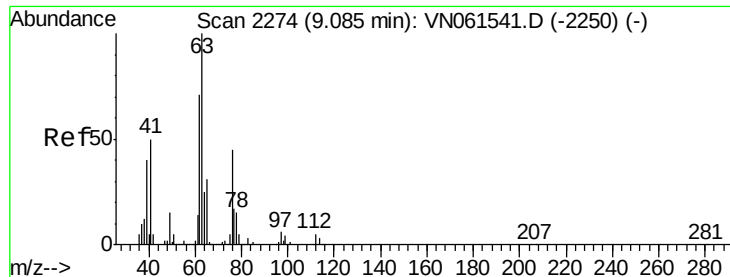
Tgt Ion:130 Resp: 261538

Ion Ratio Lower Upper

130 100

95 93.0 0.0 196.6





#45

1,2-Dichloropropane

Concen: 49.931 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

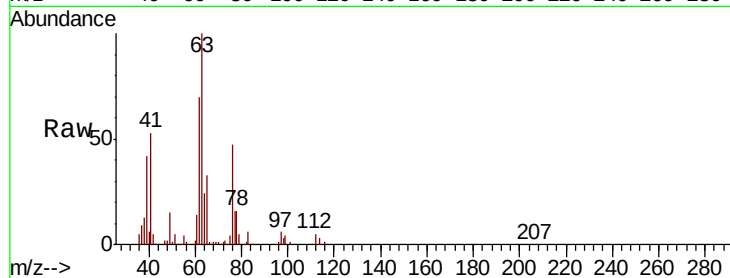
VSTDCCC050

Tot Ion: 63 Resp: 192242

Ion Ratio Lower Upper

63 100

65 32.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.08

80000

60000

40000

20000

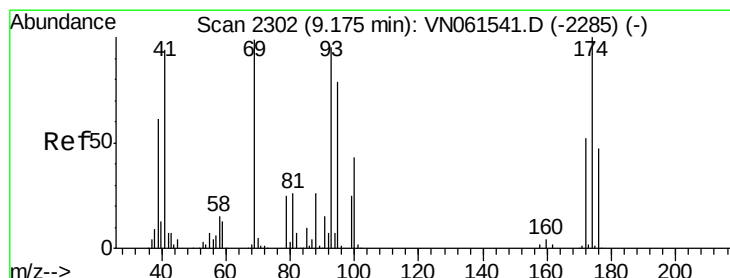
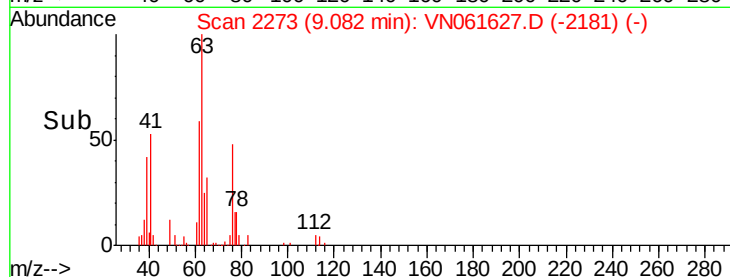
0

Time-->

9.00

9.10

9.20



#46

Dibromomethane

Concen: 49.579 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

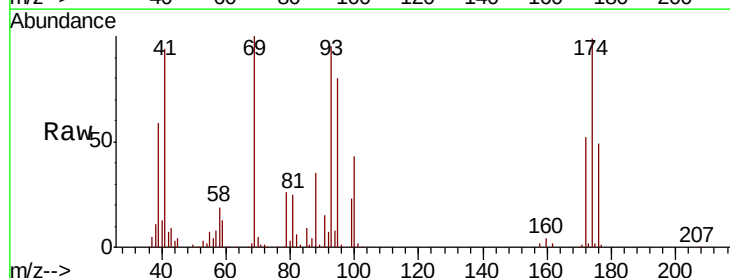
Tgt Ion: 93 Resp: 146400

Ion Ratio Lower Upper

93 100

95 83.6 66.0 99.0

174 105.5 82.5 123.7



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

100000

80000

60000

40000

20000

0

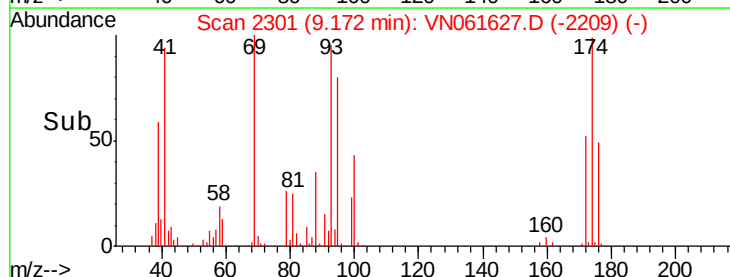
Time-->

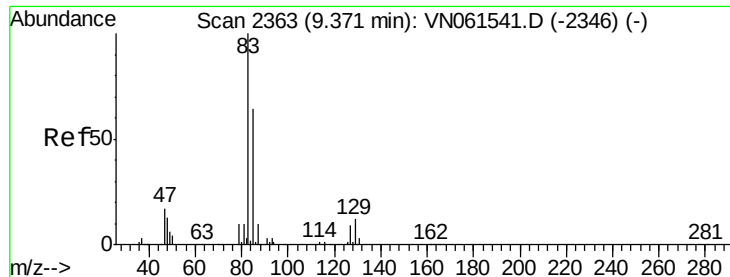
9.10

9.15

9.20

9.25





#47

Bromodichloromethane

Concen: 50.934 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

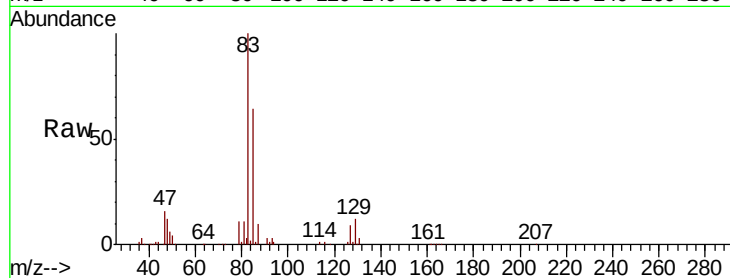
Tot Ion: 83 Resp: 297978

Ion Ratio Lower Upper

83 100

85 64.4 51.1 76.7

127 8.9 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061627.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061627.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061627.D (-2270) (-)

9.37

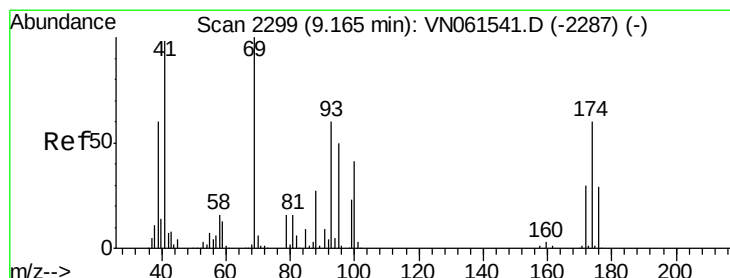
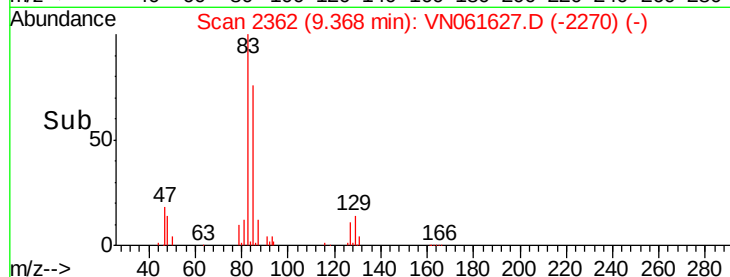
150000

100000

50000

0

Time-->



#48

Methyl methacrylate

Concen: 44.141 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

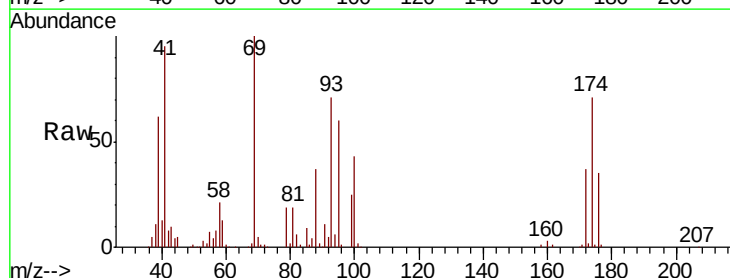
Tgt Ion: 41 Resp: 151229

Ion Ratio Lower Upper

41 100

69 109.9 83.9 125.9

39 65.4 52.1 78.1



Abundance Ion 41.00 (40.70 to 41.70): VN061627.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061627.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061627.D (-2206) (-)

9.17

120000

100000

80000

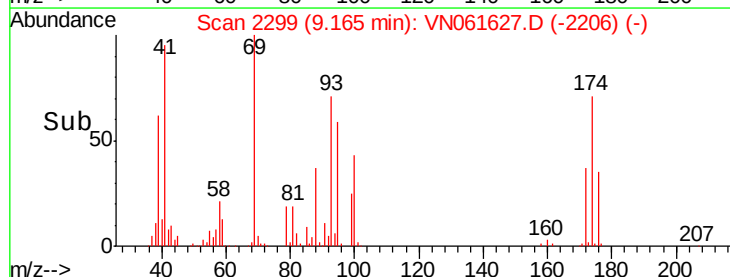
60000

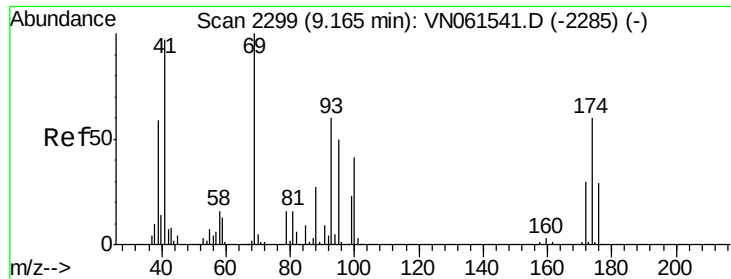
40000

20000

0

Time-->

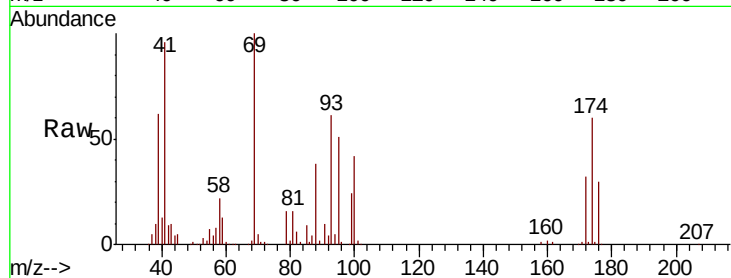




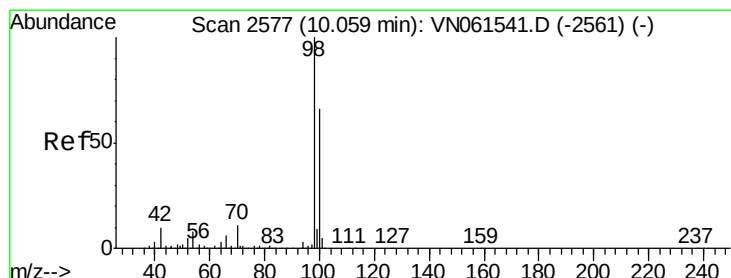
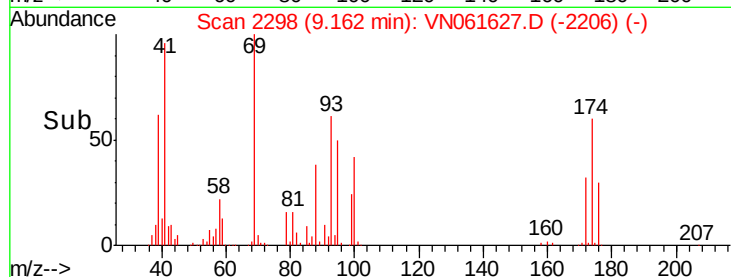
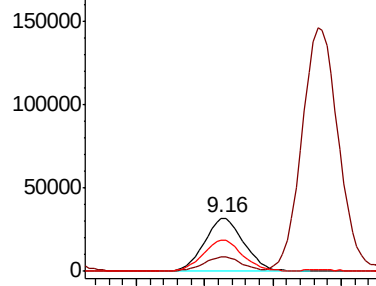
#49
1,4-Dioxane
Concen: 1222.002 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 64859
Ion Ratio Lower Upper
88 100
43 26.1 23.1 34.7
58 58.4 48.3 72.5

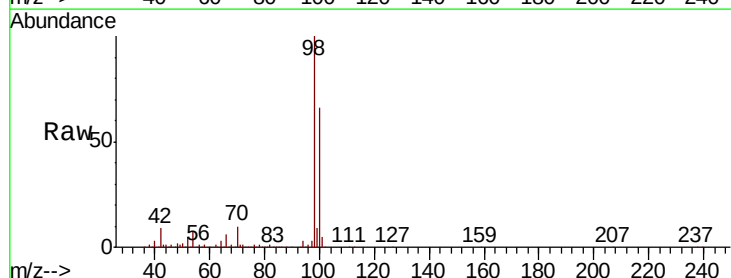


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

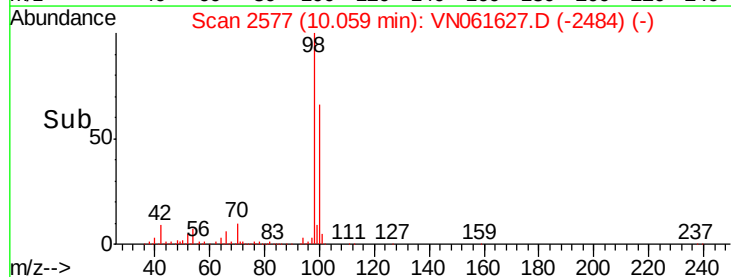
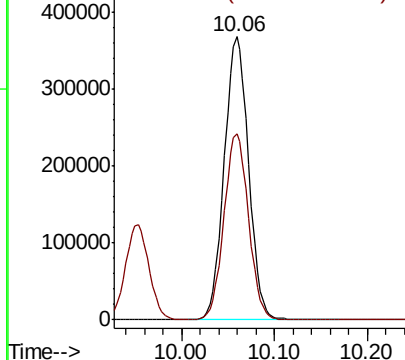


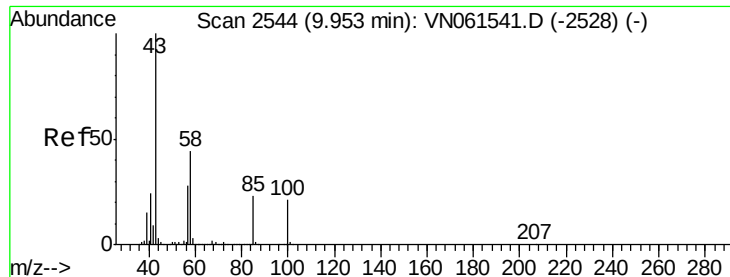
#50
Toluene-d8
Concen: 47.980 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion: 98 Resp: 669556
Ion Ratio Lower Upper
98 100
100 66.3 52.8 79.2



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





#51

4-Methyl-2-Pentanone

Concen: 234.536 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

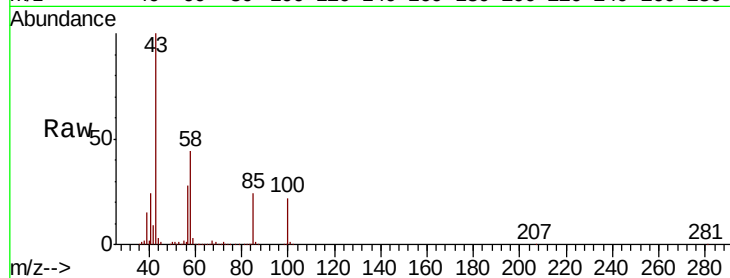
VSTDCCC050

Tot Ion: 43 Resp: 1006447

Ion Ratio Lower Upper

43 100

58 44.5 35.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-2528) (-)

9.95

600000

500000

400000

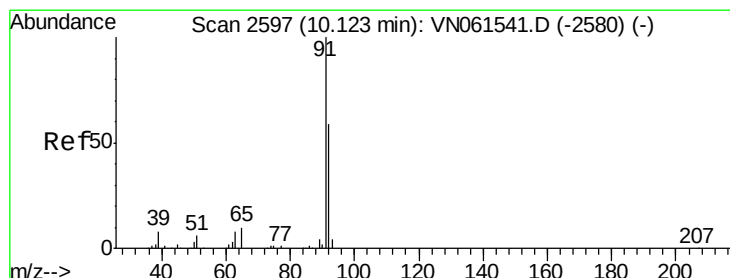
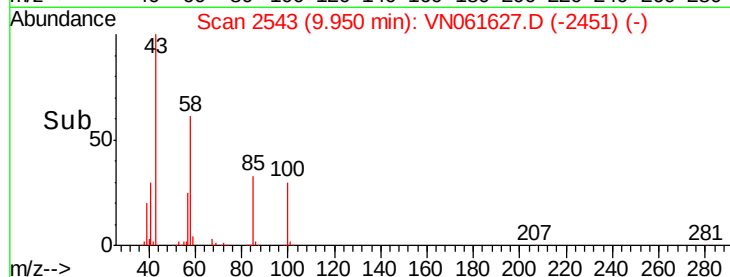
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.198 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061627.D

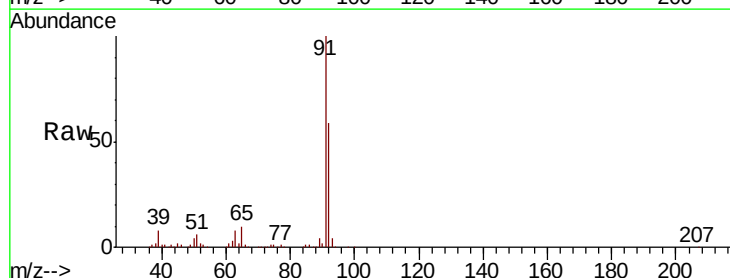
Acq: 3 Jun 2020 10:21

Tgt Ion: 92 Resp: 552408

Ion Ratio Lower Upper

92 100

91 169.8 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN061541.D (-2580) (-)

Ion 91.00 (90.70 to 91.70): VN061541.D (-2580) (-)

10.12

600000

500000

400000

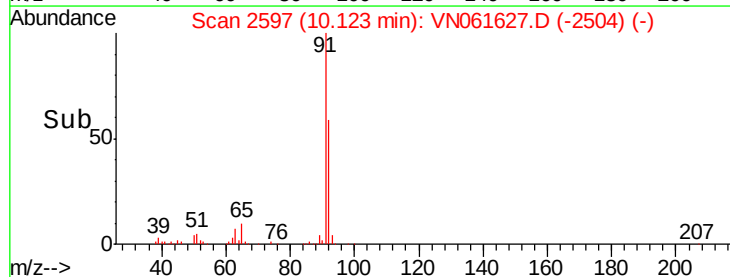
300000

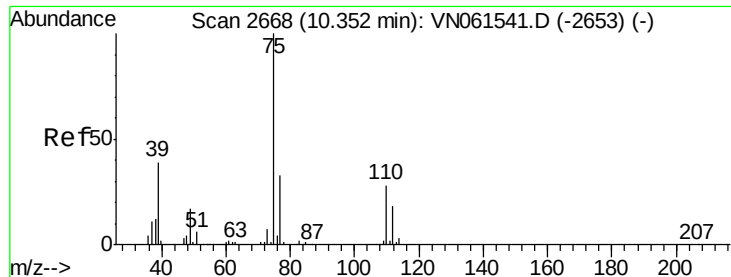
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.425 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

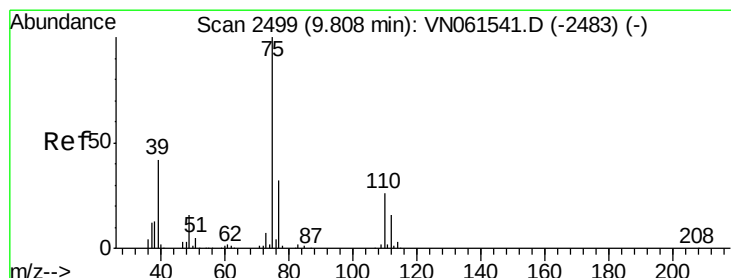
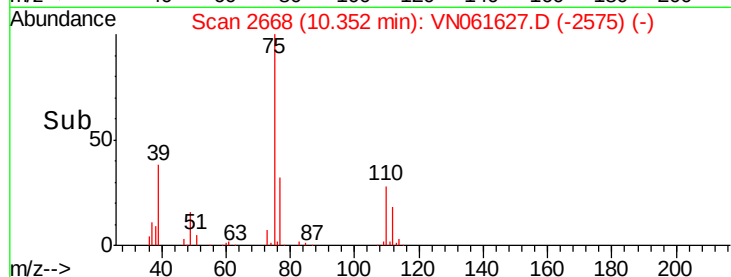
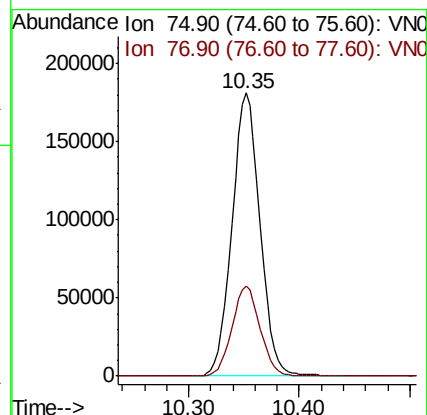
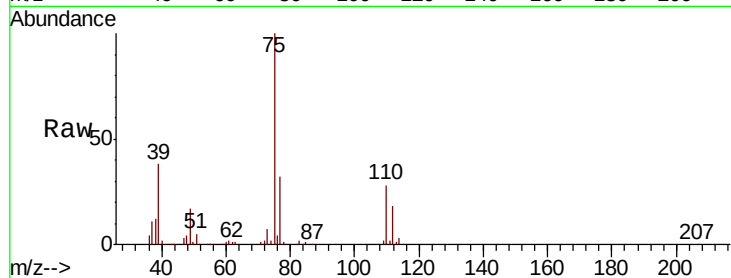
VSTDCCC050

Tot Ion: 75 Resp: 317795

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 50.516 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

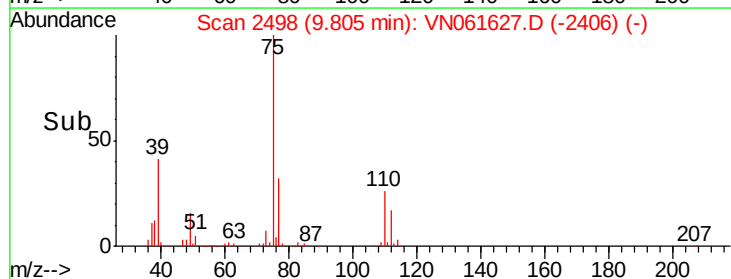
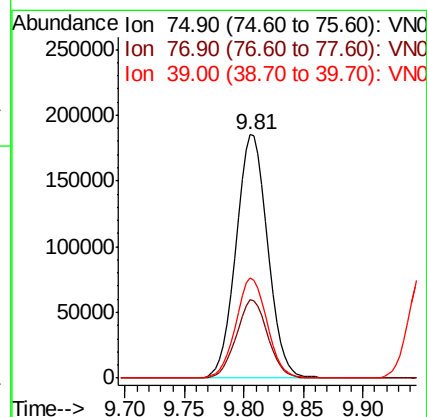
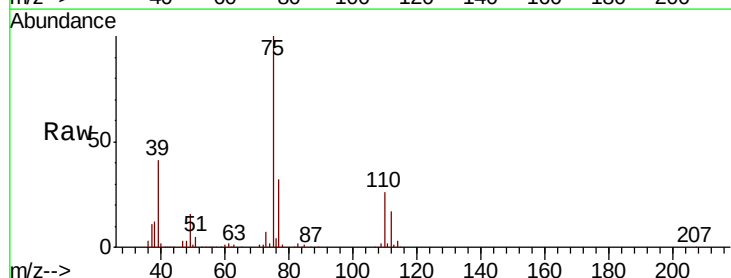
Tgt Ion: 75 Resp: 342321

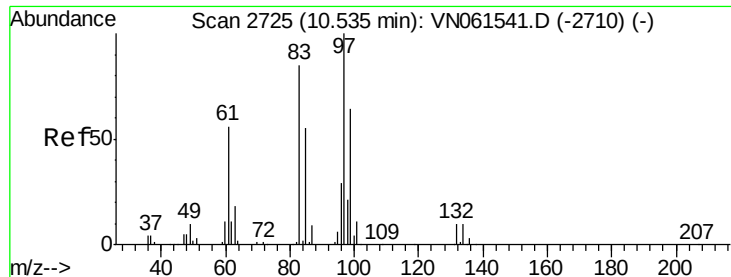
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2

39 41.0 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 50.277 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 211983

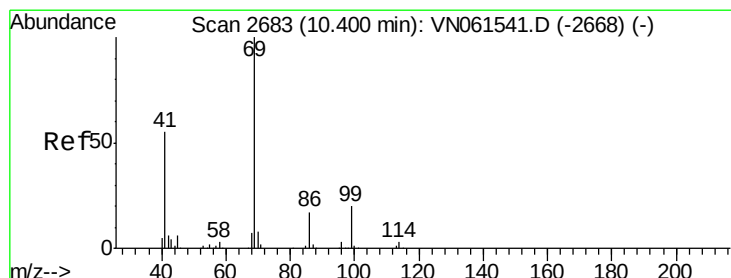
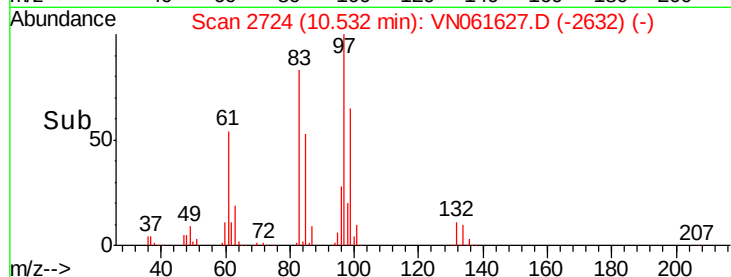
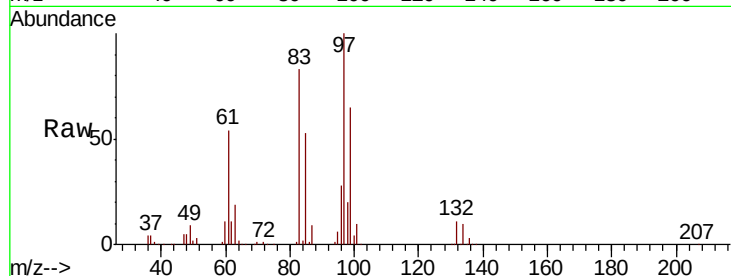
Ion	Ratio	Lower	Upper
97	100		
83	83.2	68.1	102.1
85	53.3	44.1	66.1
99	64.5	51.1	76.7

Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 50.541 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

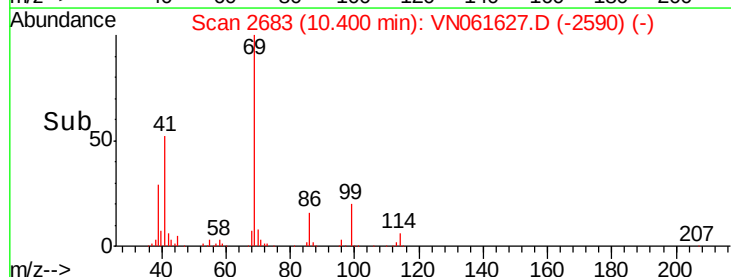
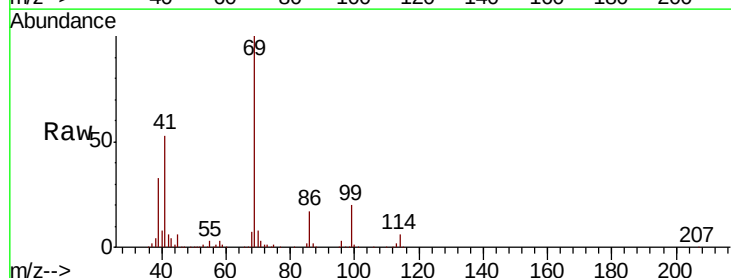
Tgt Ion: 69 Resp: 297673

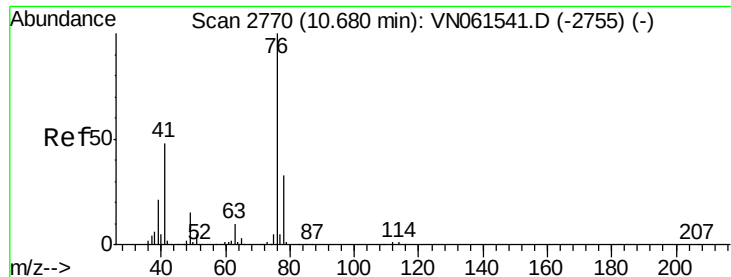
Ion	Ratio	Lower	Upper
69	100		
41	52.7	43.5	65.3
39	32.6	27.0	40.6

Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.487 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

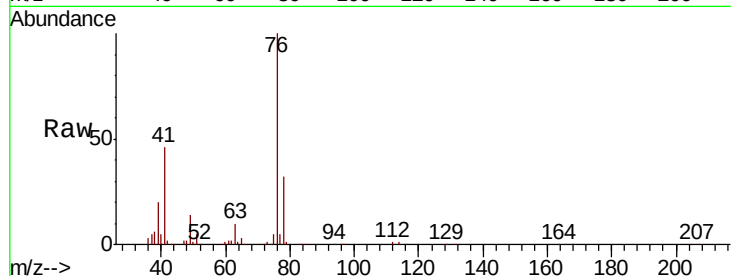
VSTDCCC050

Tot Ion: 76 Resp: 340454

Ion Ratio Lower Upper

76 100

78 32.4 26.3 39.5



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

Ion 77.90 (77.60 to 78.60): VN061541.D (-2755) (-)

10.68

200000

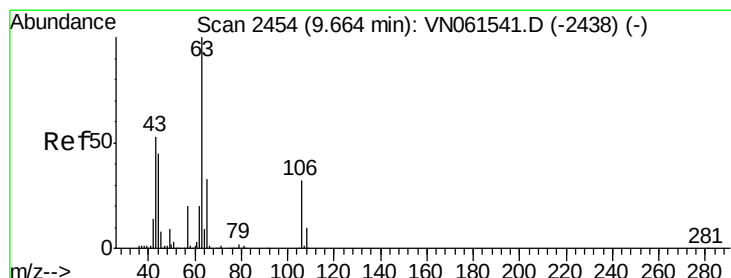
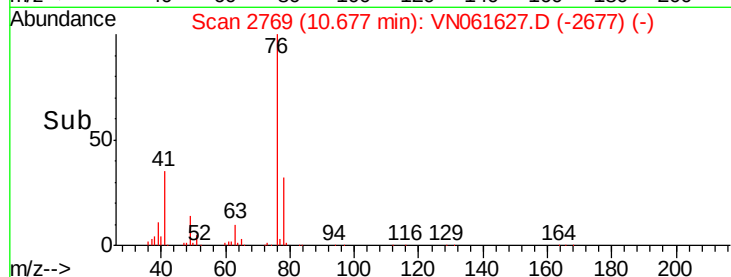
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 254.566 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061627.D

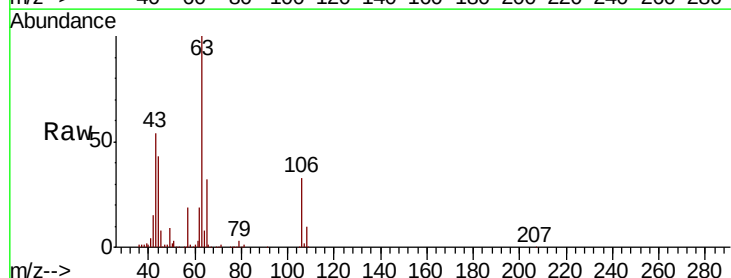
Acq: 3 Jun 2020 10:21

Tgt Ion: 63 Resp: 640732

Ion Ratio Lower Upper

63 100

106 33.4 25.9 38.9



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

Ion 105.90 (105.60 to 106.60): VN061541.D (-2438) (-)

9.66

400000

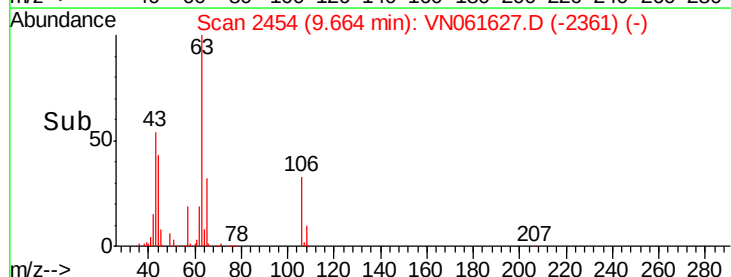
300000

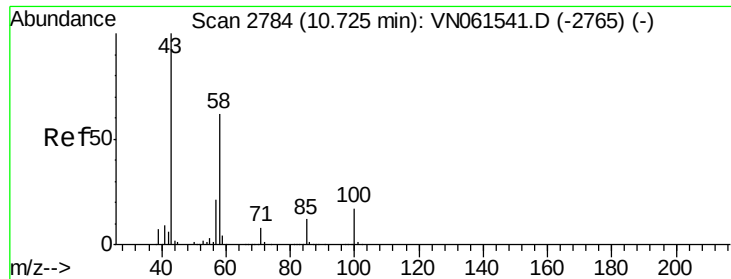
200000

100000

0

Time-->

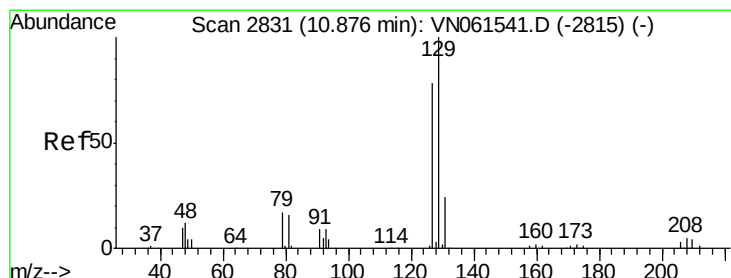
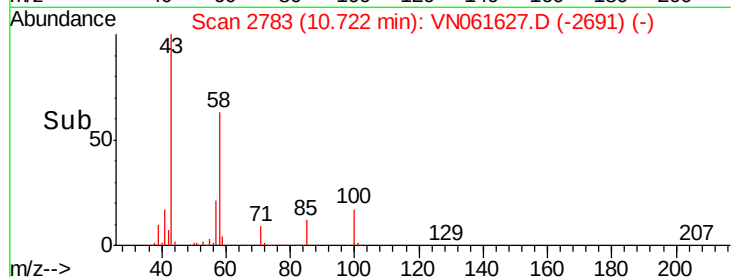
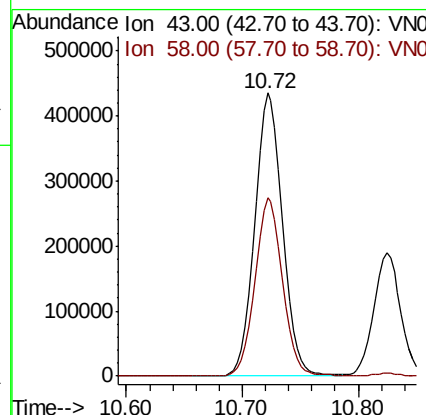
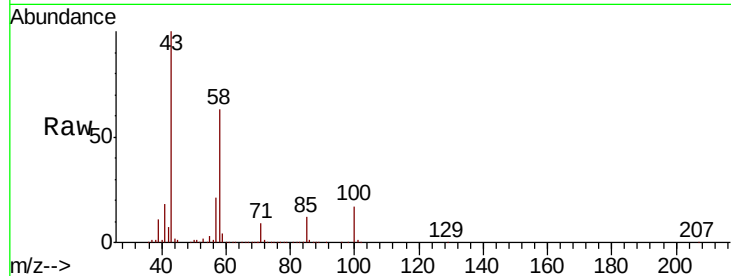




#59
2-Hexanone
Concen: 236.493 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

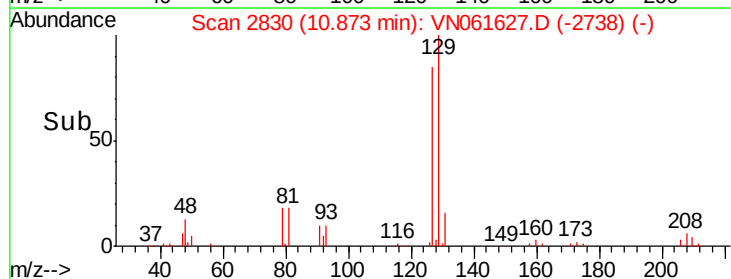
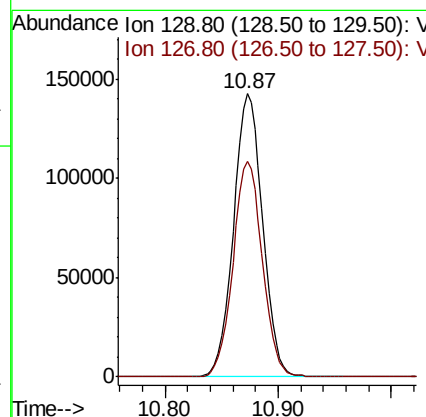
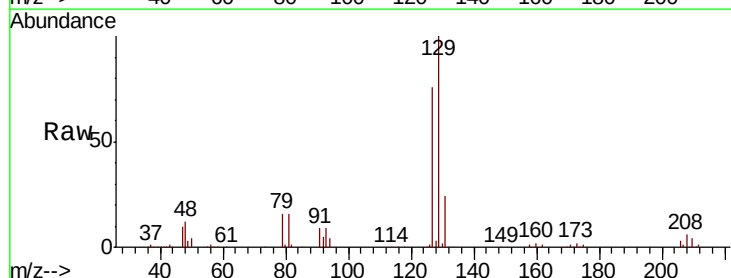
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

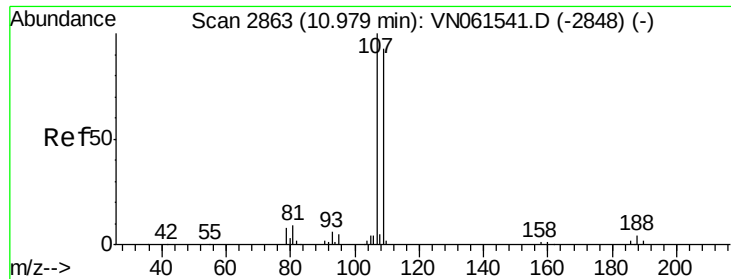
Tot Ion: 43 Resp: 728836
Ion Ratio Lower Upper
43 100
58 62.5 30.7 92.1



#60
Dibromochloromethane
Concen: 53.134 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion: 129 Resp: 254687
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 52.076 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampled :

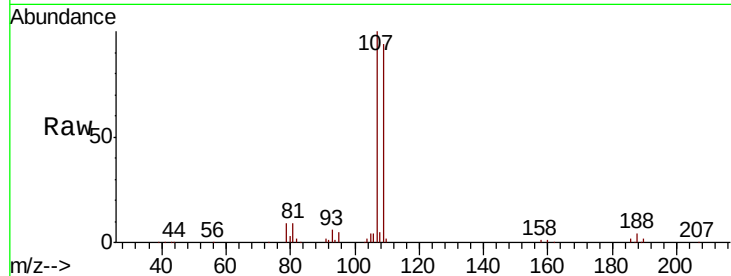
VSTDCCC050

Tot Ion:107 Resp: 228996

Ion Ratio Lower Upper

107 100

109 94.7 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

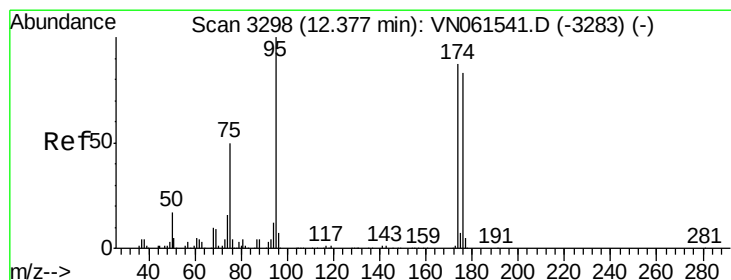
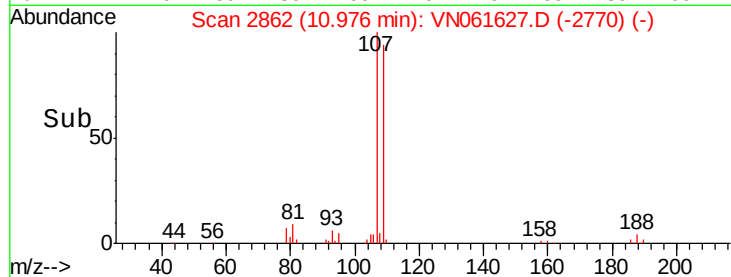
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.249 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

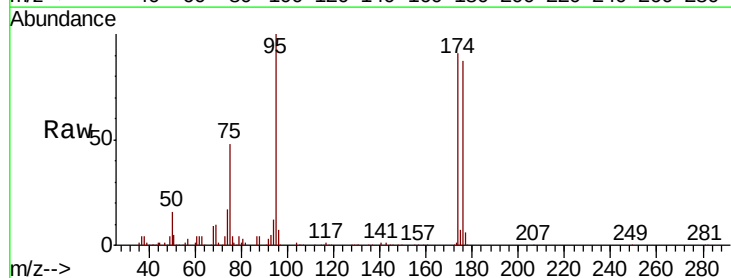
Tgt Ion: 95 Resp: 245649

Ion Ratio Lower Upper

95 100

174 89.8 0.0 172.8

176 85.7 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

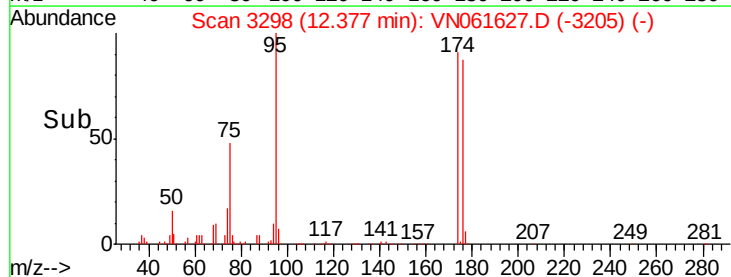
150000

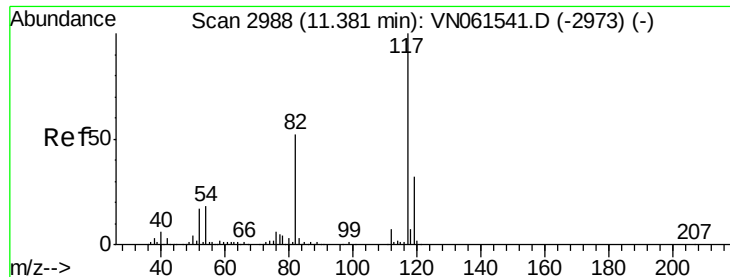
100000

50000

0

Time-->

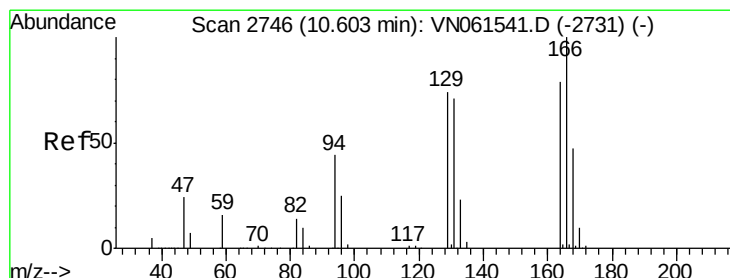
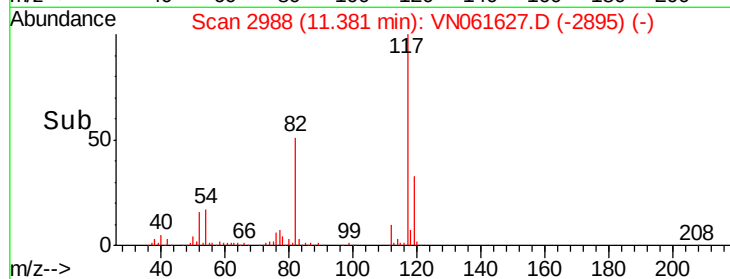
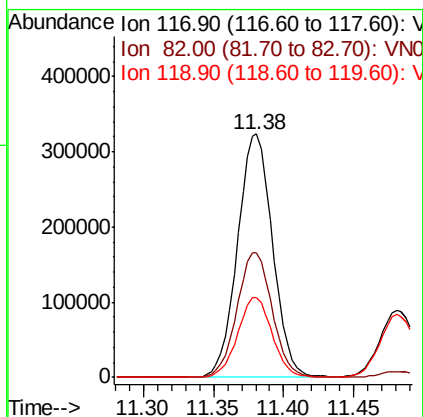
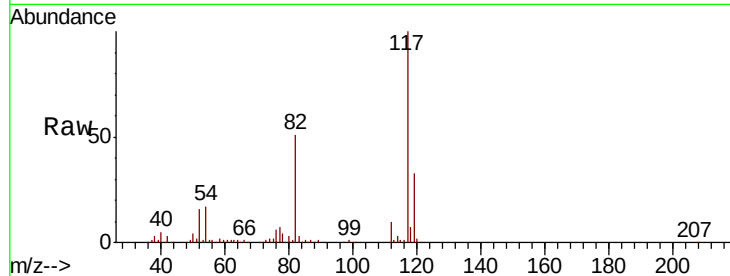




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

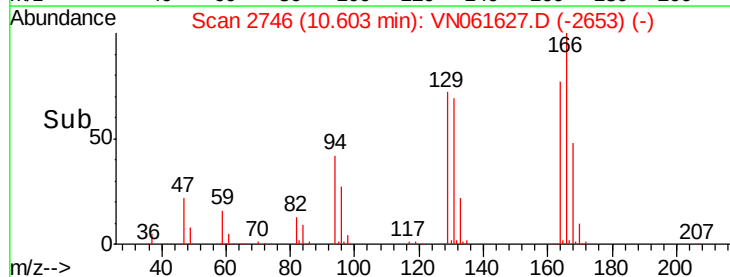
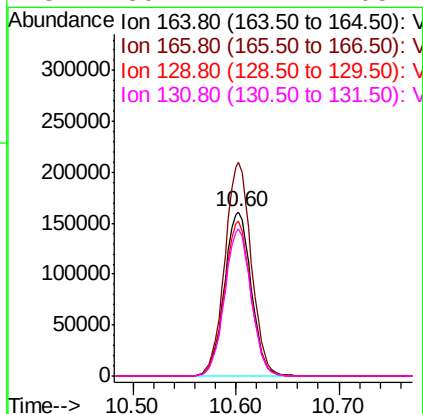
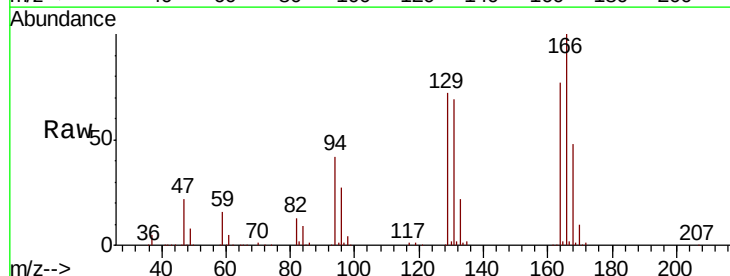
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

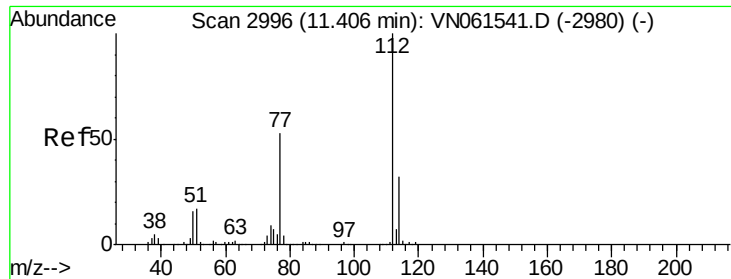
Tot Ion:117 Resp: 564269
Ion Ratio Lower Upper
117 100
82 51.1 41.5 62.3
119 33.0 25.6 38.4



#64
Tetrachloroethene
Concen: 54.828 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion:164 Resp: 291223
Ion Ratio Lower Upper
164 100
166 130.1 101.5 152.3
129 94.0 74.9 112.3
131 89.4 72.2 108.2

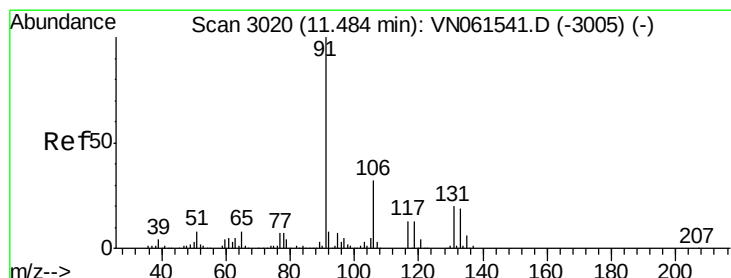
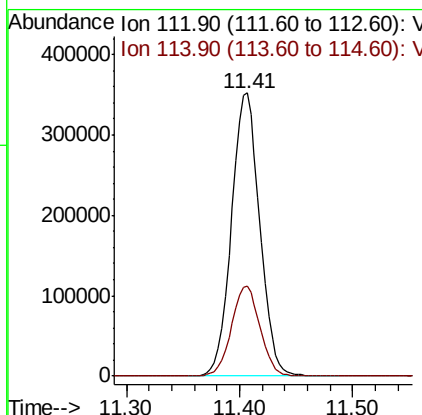
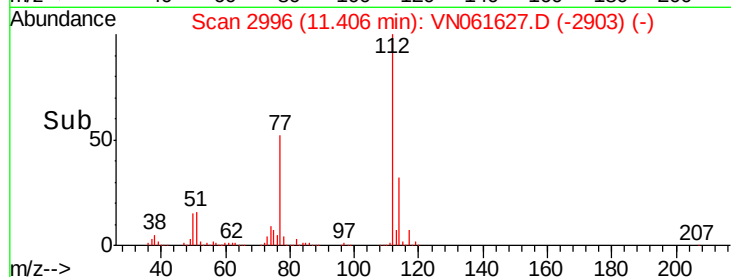
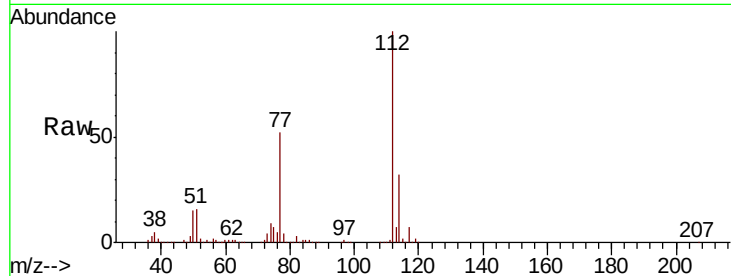




#65
Chlorobenzene
Concen: 52.131 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

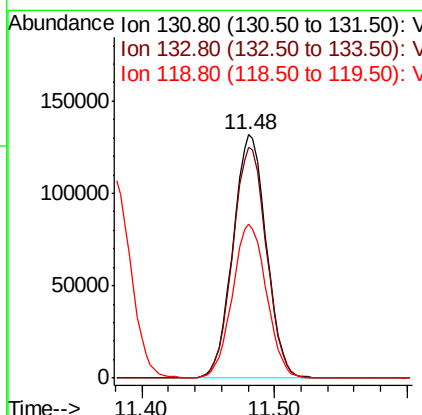
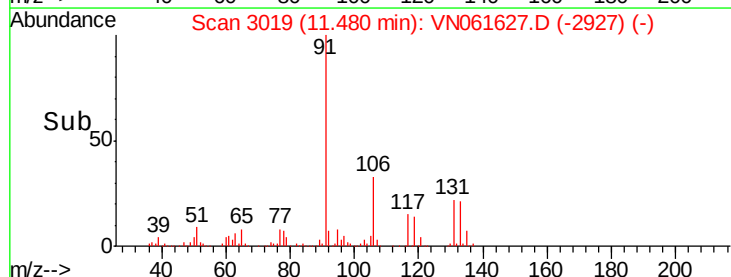
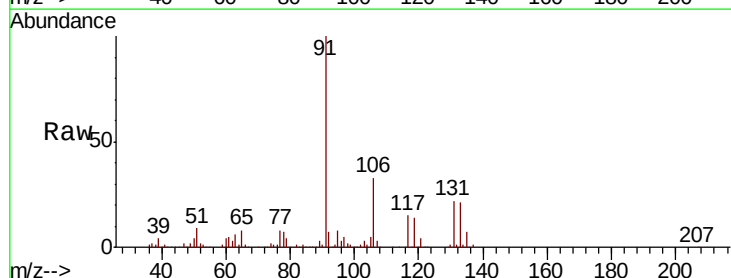
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

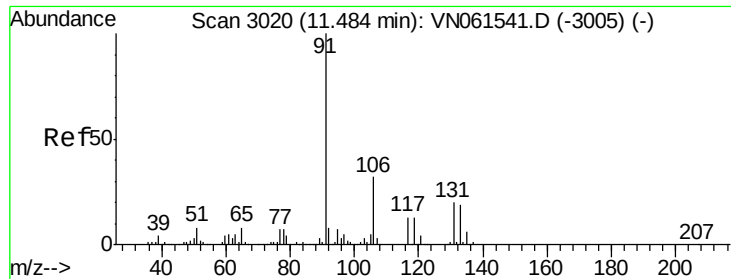
Tot Ion:112 Resp: 611449
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.652 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion:131 Resp: 229949
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.2
119 64.8 32.6 97.8

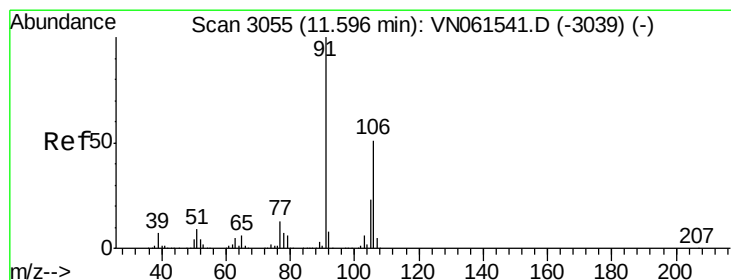
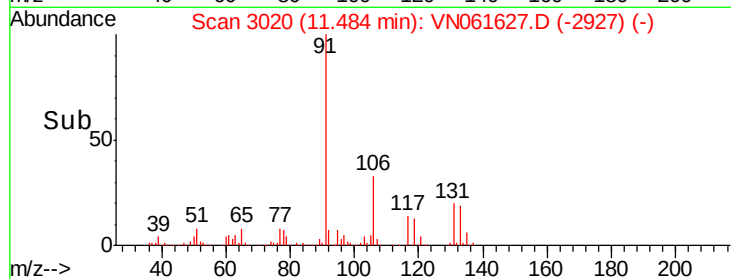
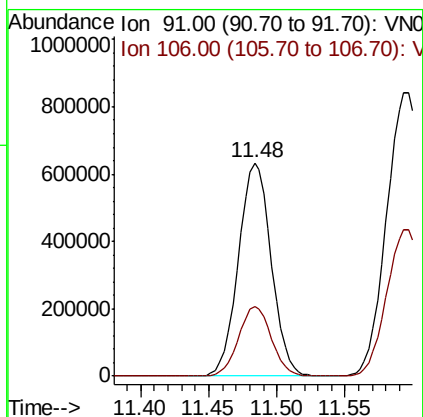
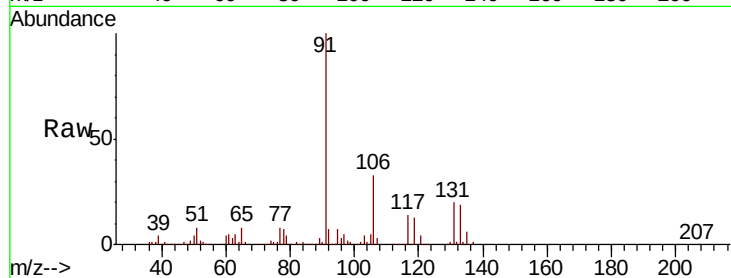




#67
Ethyl Benzene
Concen: 52.079 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

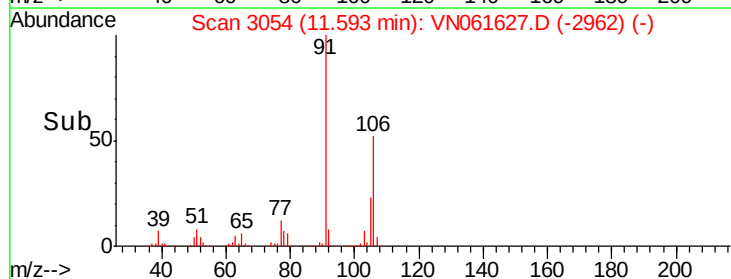
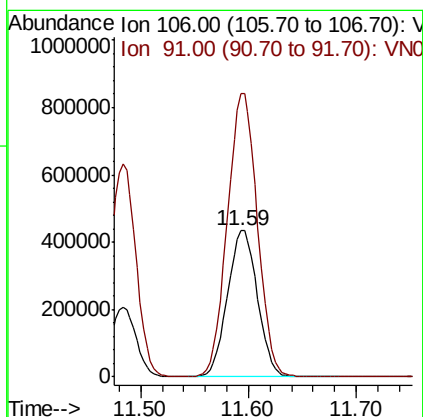
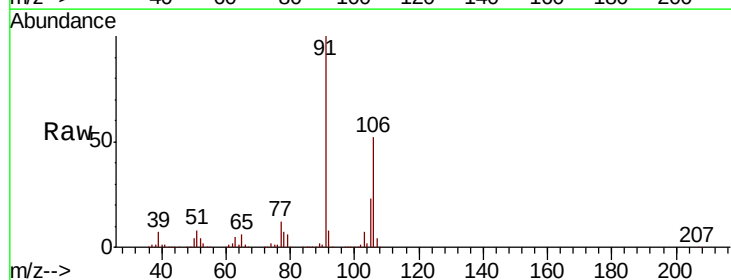
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

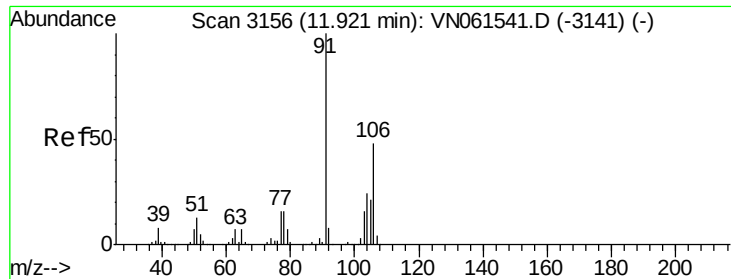
Tot Ion: 91 Resp: 1055770
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4



#68
m/p-Xylenes
Concen: 104.433 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion: 106 Resp: 839443
Ion Ratio Lower Upper
106 100
91 193.9 156.2 234.4

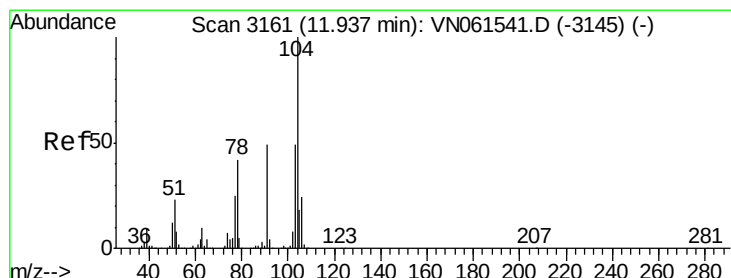
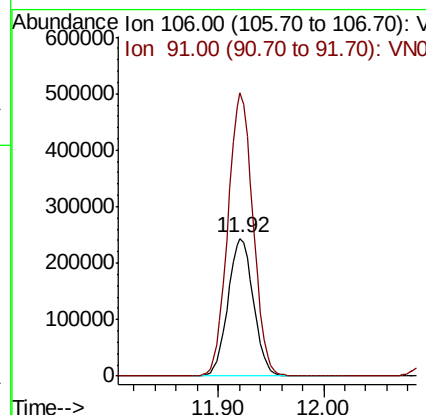
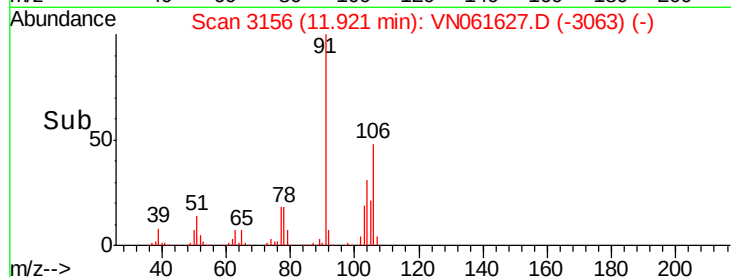
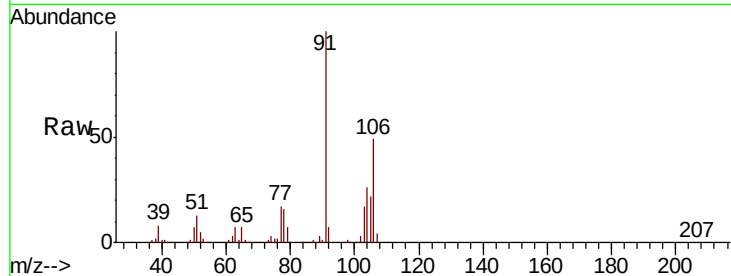




#69
o-Xylene
Concen: 53.013 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

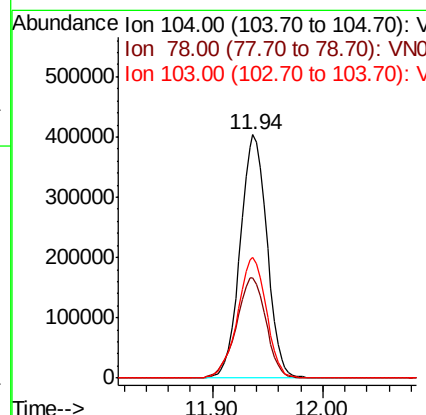
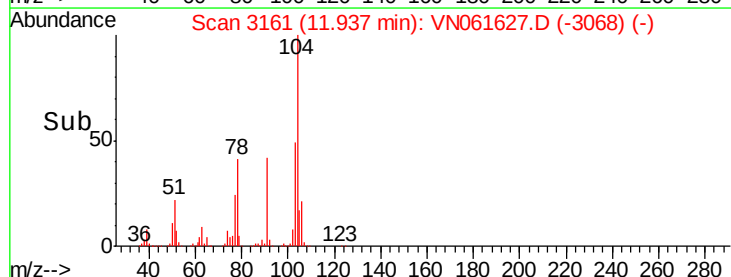
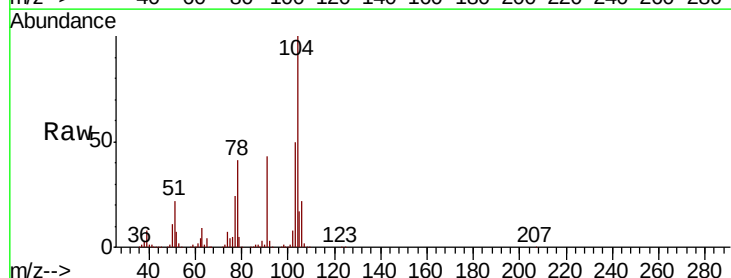
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

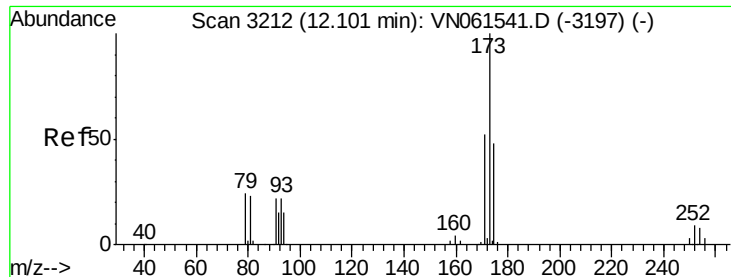
Tot Ion:106 Resp: 404737
Ion Ratio Lower Upper
106 100
91 203.8 103.3 309.8



#70
Styrene
Concen: 53.784 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion:104 Resp: 680003
Ion Ratio Lower Upper
104 100
78 45.8 37.4 56.0
103 53.4 42.3 63.5





#71

Bromoform

Concen: 53.512 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

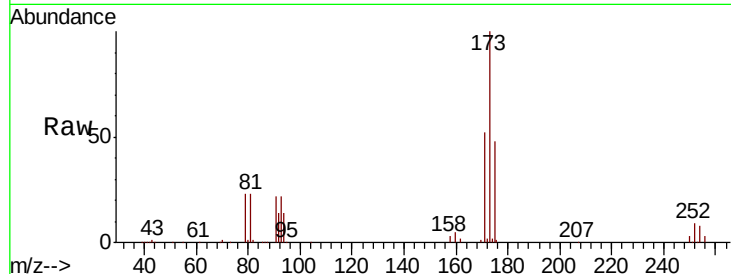
Tot Ion:173 Resp: 180082

Ion Ratio Lower Upper

173 100

175 48.0 24.4 73.2

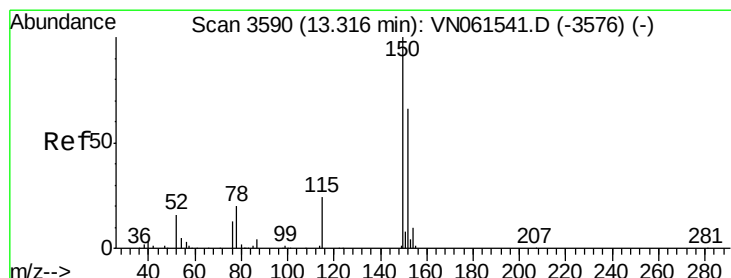
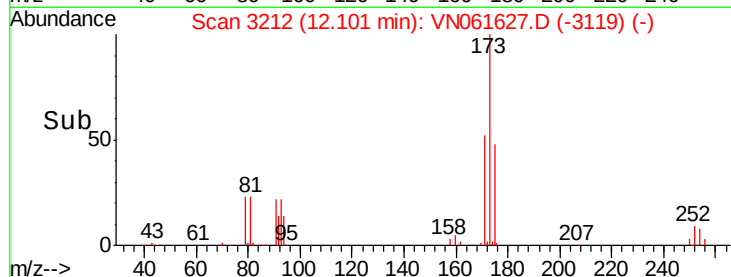
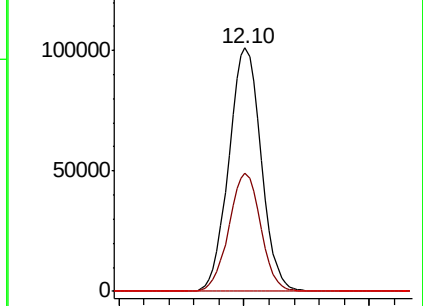
254 0.0 0.0 0.0#



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: VN061627.D

Acq: 3 Jun 2020 10:21

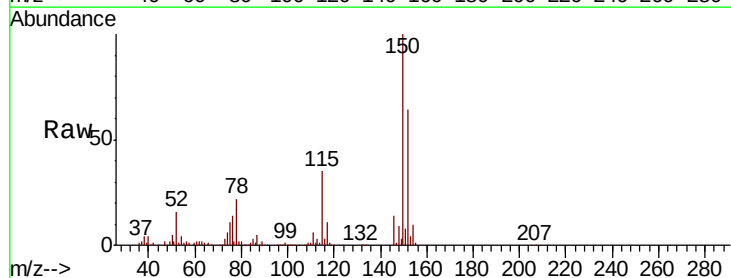
Tgt Ion:152 Resp: 294559

Ion Ratio Lower Upper

152 100

115 54.8 28.0 84.0

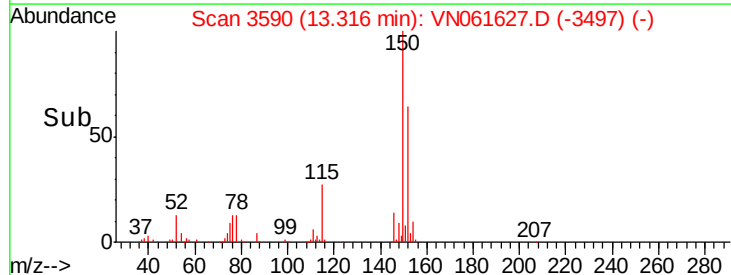
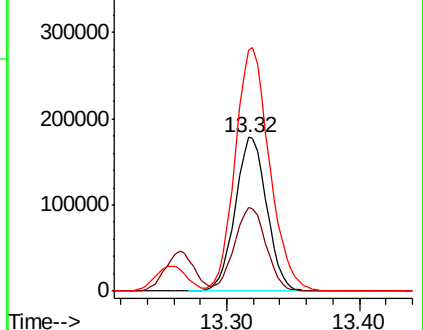
150 172.9 0.0 344.0

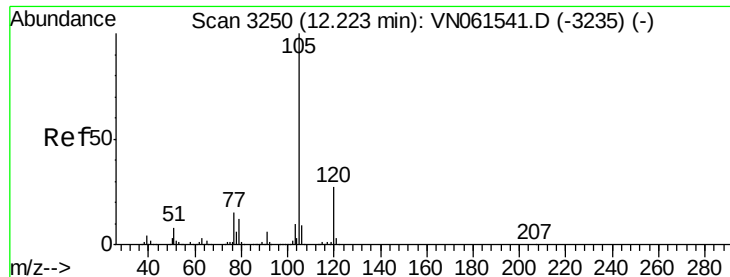


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.458 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

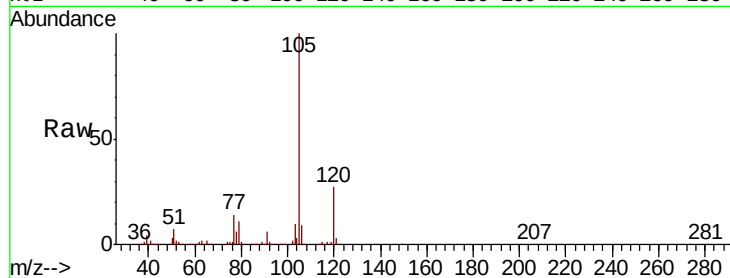
VSTDCCC050

Tot Ion:105 Resp: 1063286

Ion Ratio Lower Upper

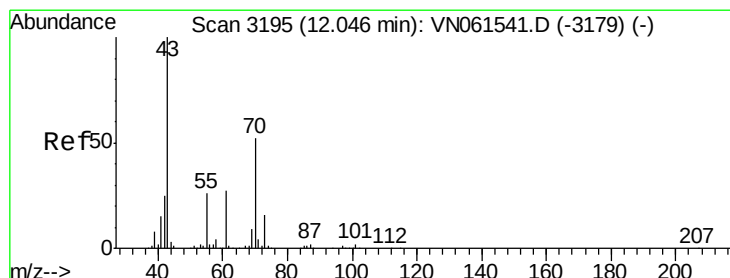
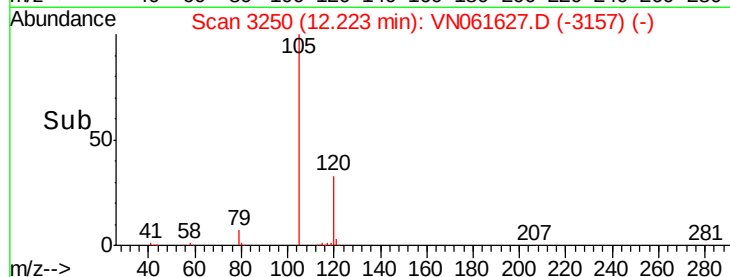
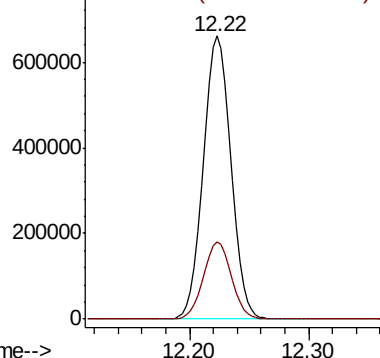
105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.925 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Tgt Ion: 43 Resp: 304169

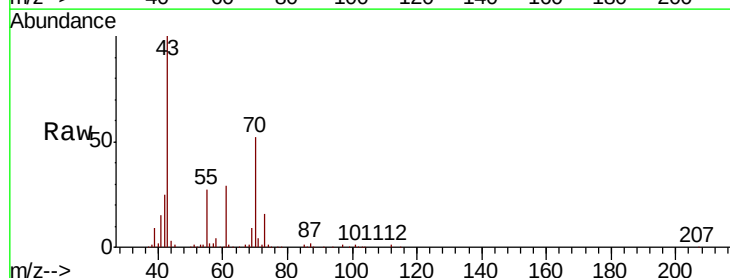
Ion Ratio Lower Upper

43 100

70 52.0 40.5 60.7

55 27.1 20.6 31.0

61 28.5 21.8 32.6

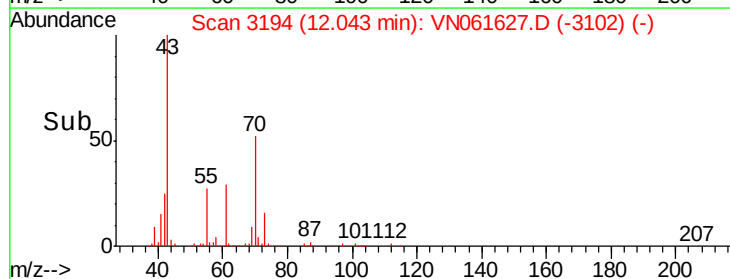
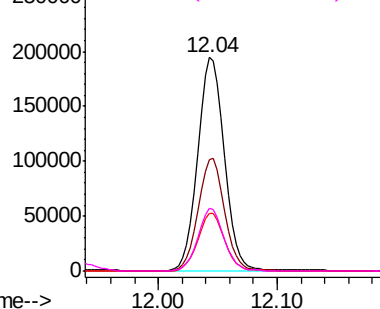


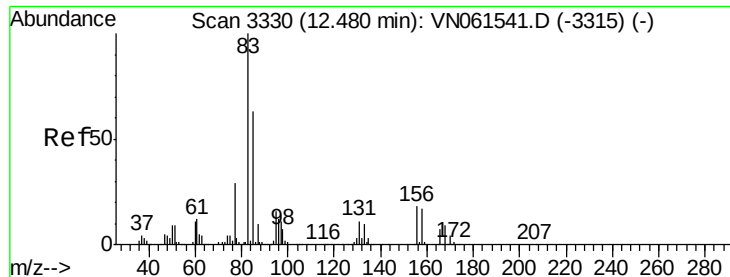
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: 44.023 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

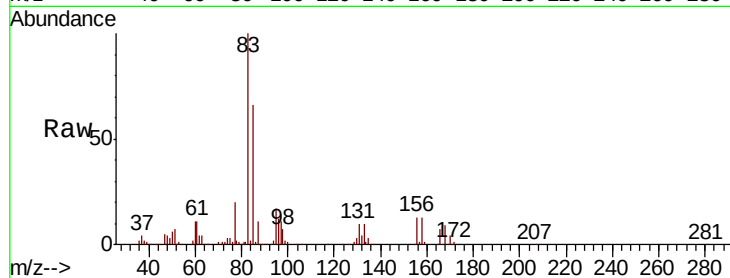
Tot Ion: 83 Resp: 265226

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.5

85 65.7 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) (-)

12.48

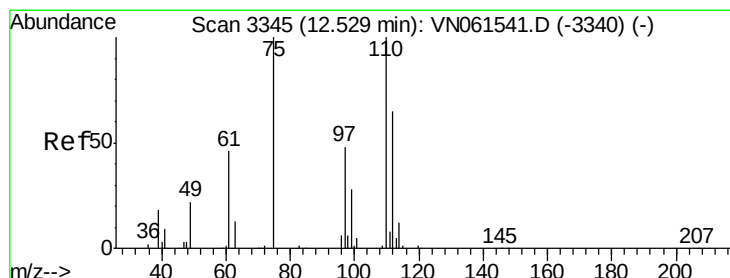
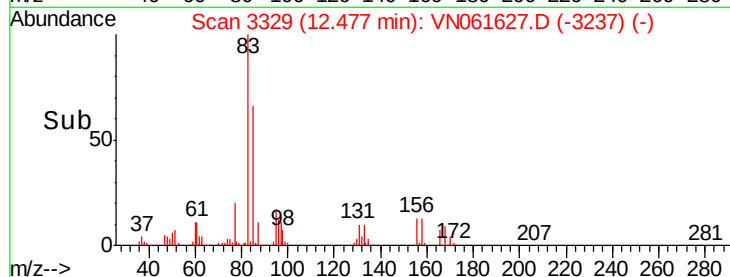
150000

100000

50000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 67.347 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061627.D

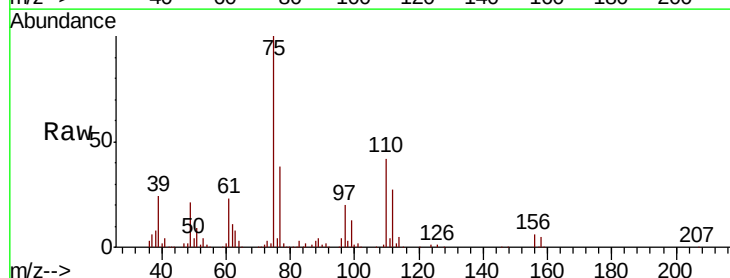
Acq: 3 Jun 2020 10:21

Tgt Ion: 75 Resp: 360723

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) (-)

250000

200000

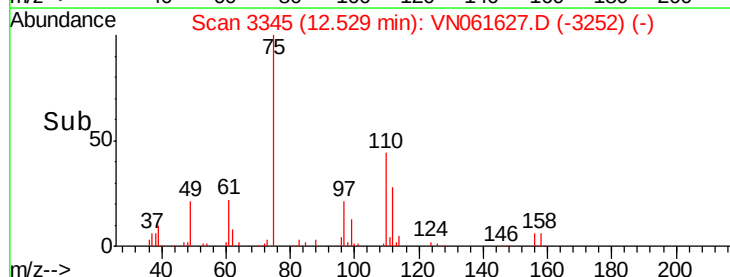
150000

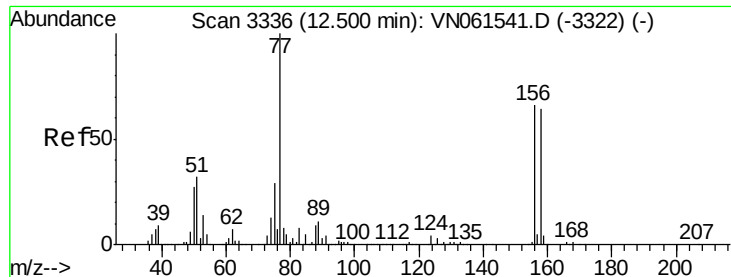
100000

50000

0

Time--> 12.40 12.50 12.60

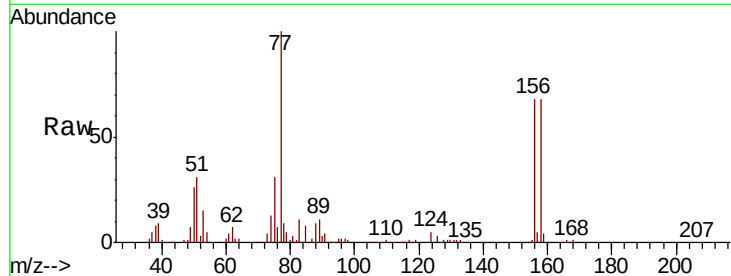




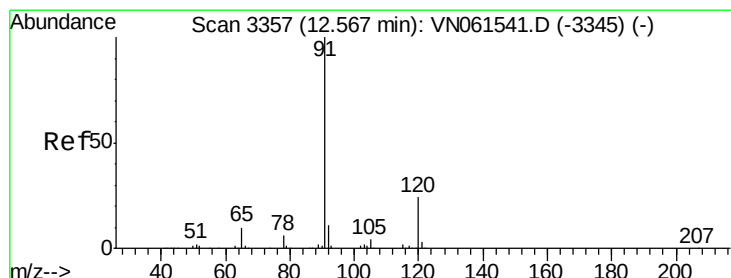
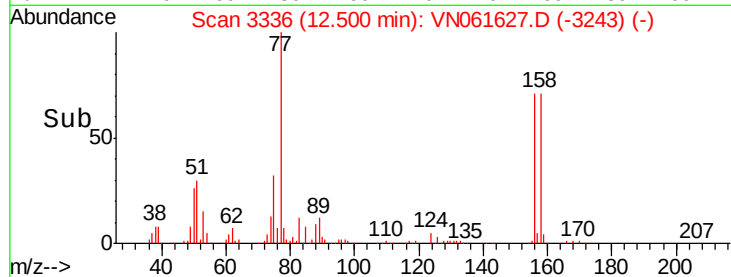
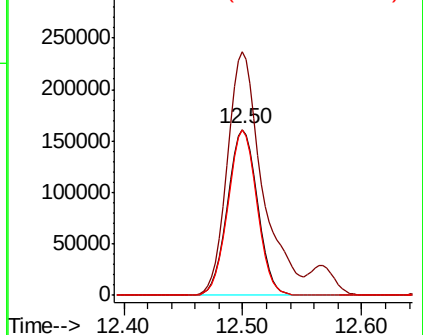
#77
Bromobenzene
Concen: 51.035 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:156 Resp: 280069
Ion Ratio Lower Upper
156 100
77 172.6 90.9 272.7
158 97.1 48.4 145.3

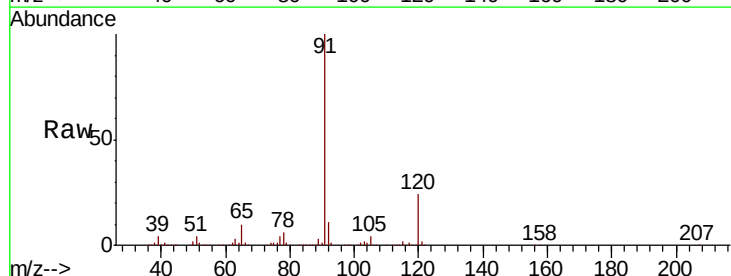


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

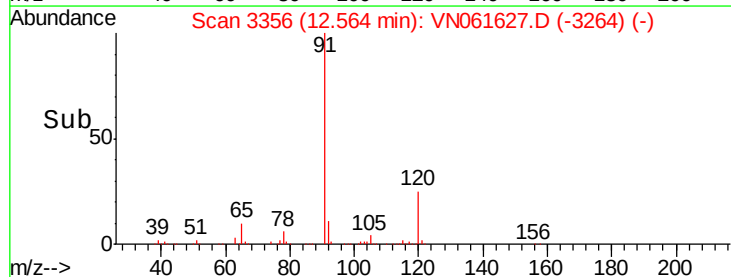
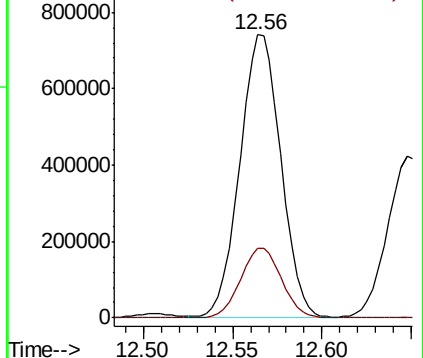


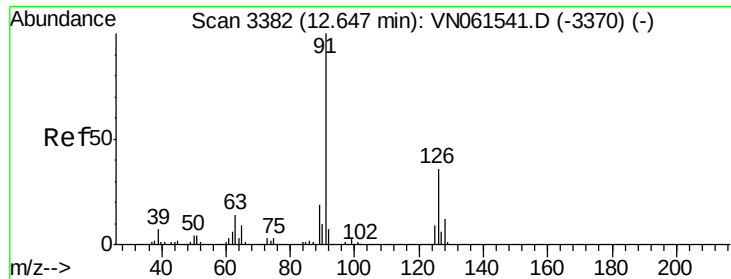
#78
n-propylbenzene
Concen: 49.340 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion: 91 Resp: 1184212
Ion Ratio Lower Upper
91 100
120 24.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.633 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

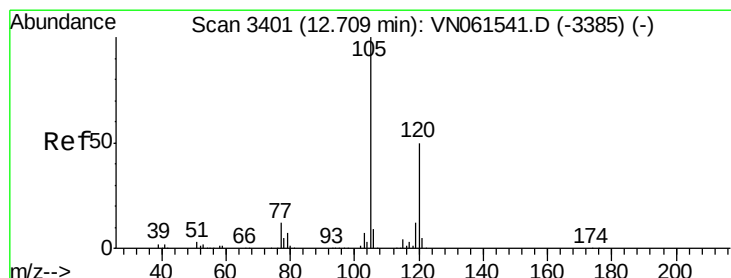
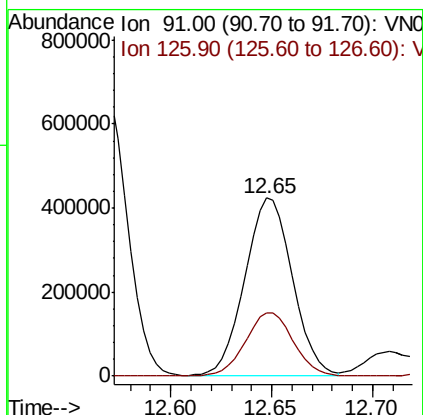
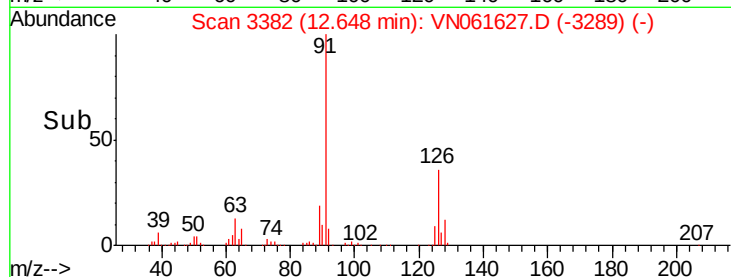
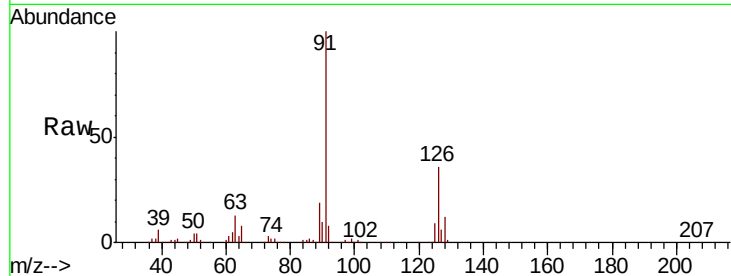
VSTDCCC050

Tot Ion: 91 Resp: 696000

Ion Ratio Lower Upper

91 100

126 36.1 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 50.003 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061627.D

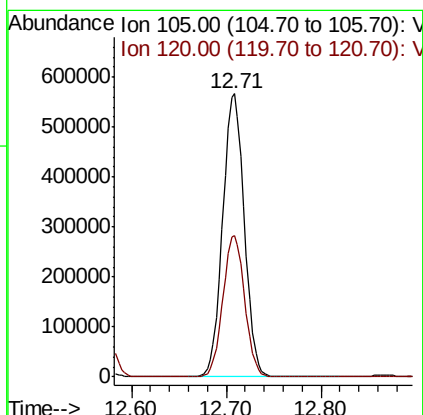
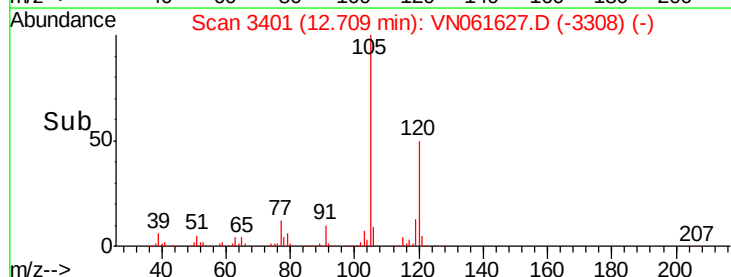
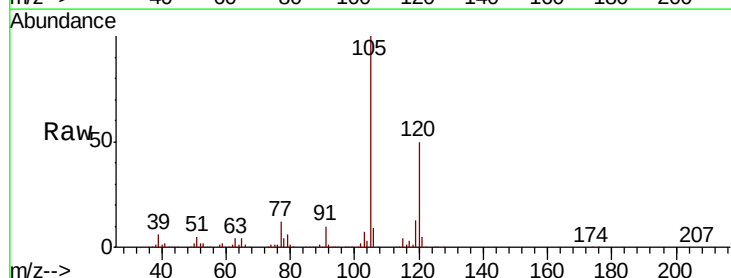
Acq: 3 Jun 2020 10:21

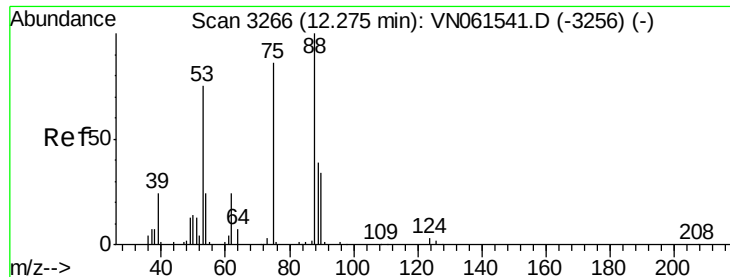
Tgt Ion: 105 Resp: 898509

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.499 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

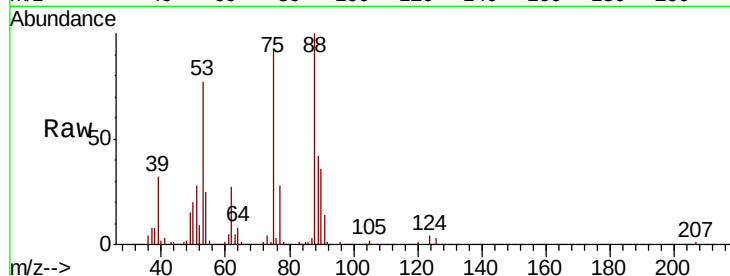
Tot Ion: 75 Resp: 97393

Ion Ratio Lower Upper

75 100

53 85.0 67.8 101.8

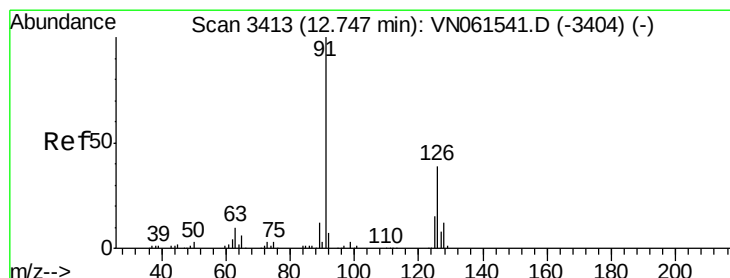
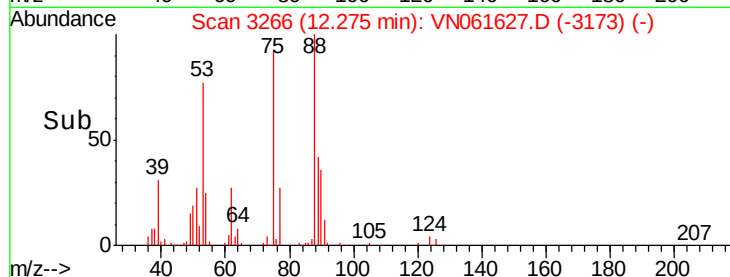
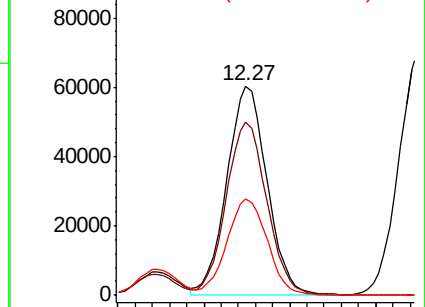
89 46.9 37.1 55.7



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: 48.601 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061627.D

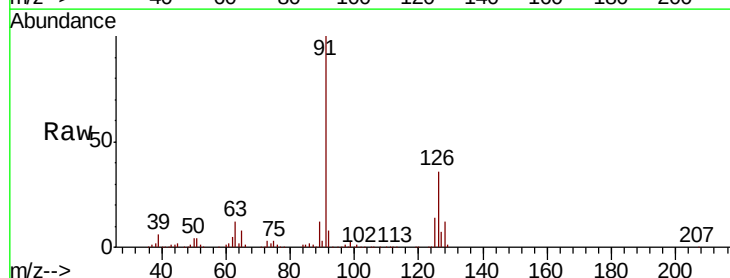
Acq: 3 Jun 2020 10:21

Tgt Ion: 91 Resp: 731720

Ion Ratio Lower Upper

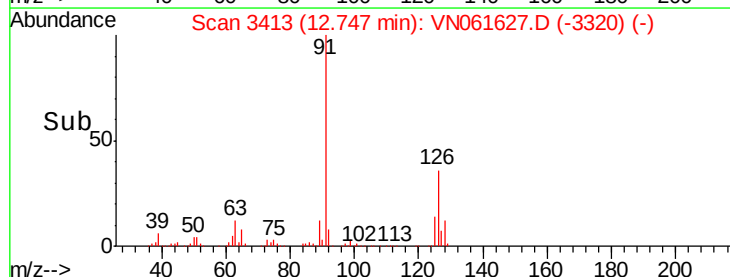
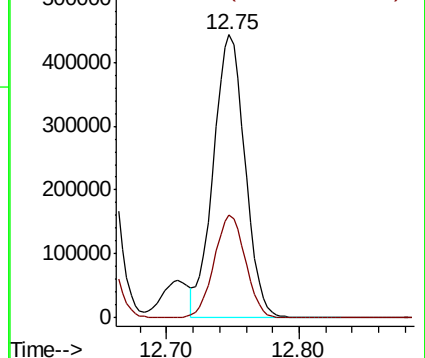
91 100

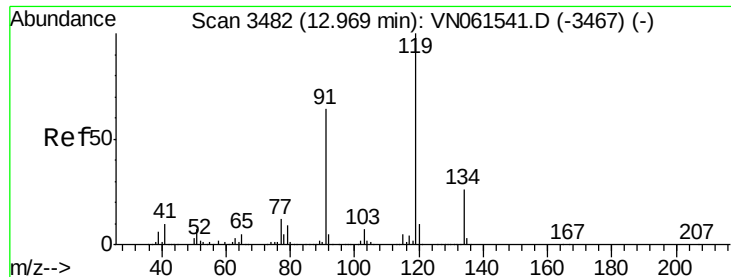
126 35.9 17.5 52.6



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

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

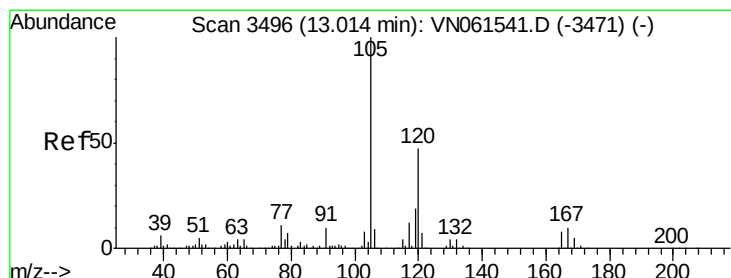
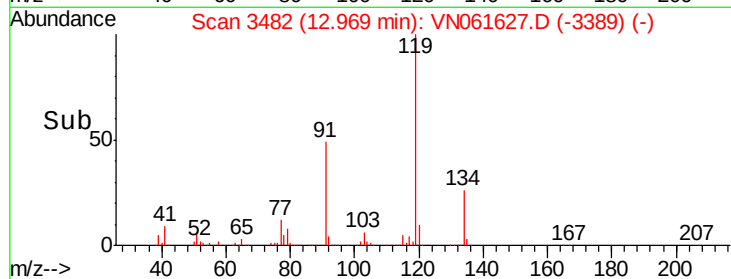
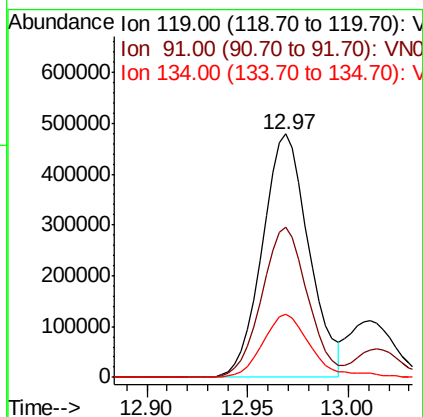
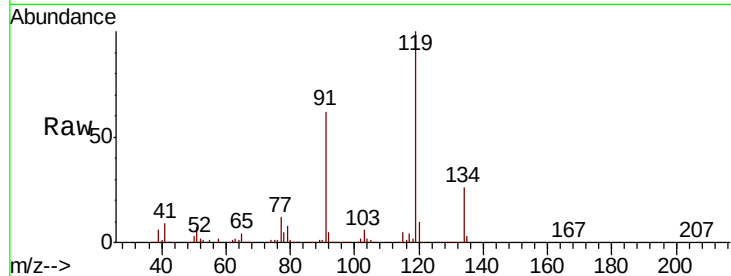




#83
 tert-Butylbenzene
 Concen: 48.393 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

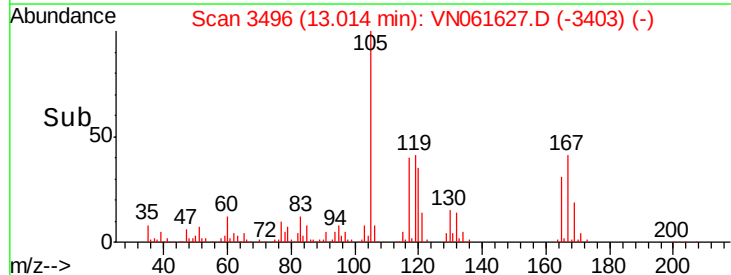
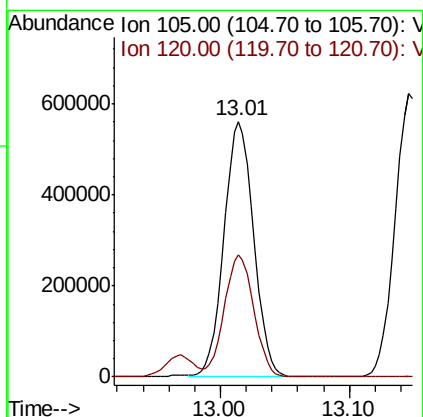
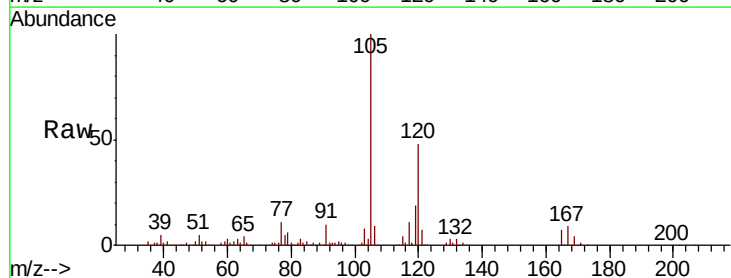
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

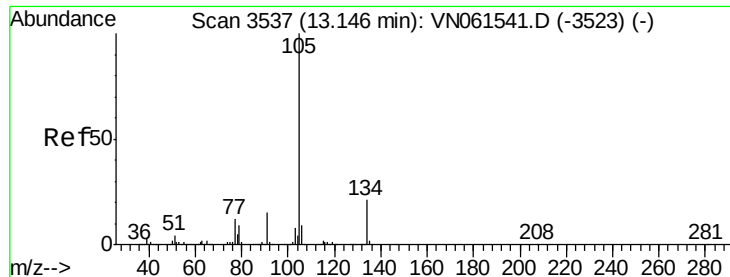
Tot Ion:119 Resp: 768320
 Ion Ratio Lower Upper
 119 100
 91 61.2 31.3 93.8
 134 26.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.943 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion:105 Resp: 891535
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.2 69.5





#85

sec-Butylbenzene

Concen: 48.476 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

Instrument :

MSVOA_N

ClientSampleId :

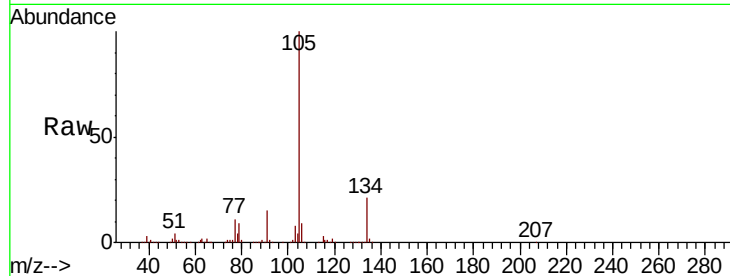
VSTDCCC050

Tot Ion:105 Resp: 991736

Ion Ratio Lower Upper

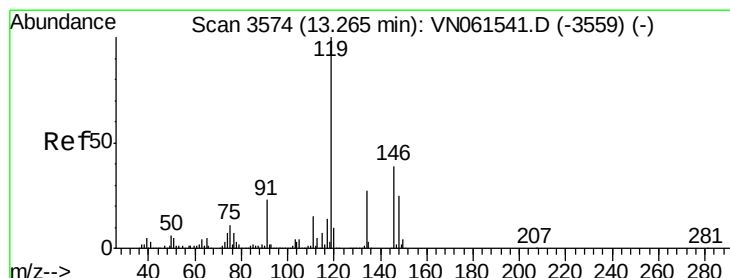
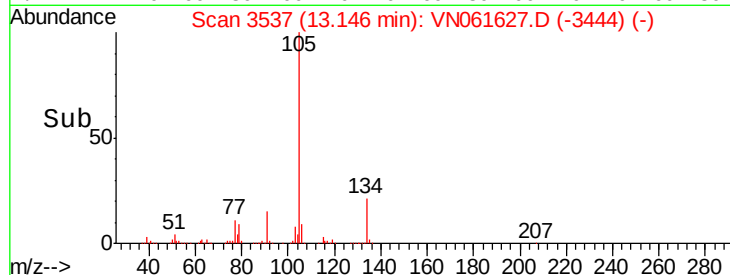
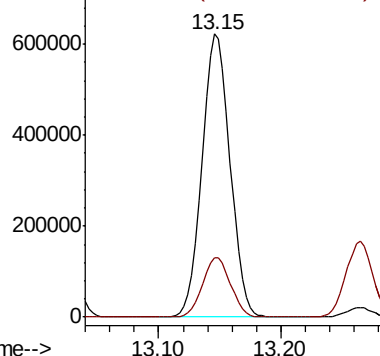
105 100

134 21.0 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: 49.637 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061627.D

Acq: 3 Jun 2020 10:21

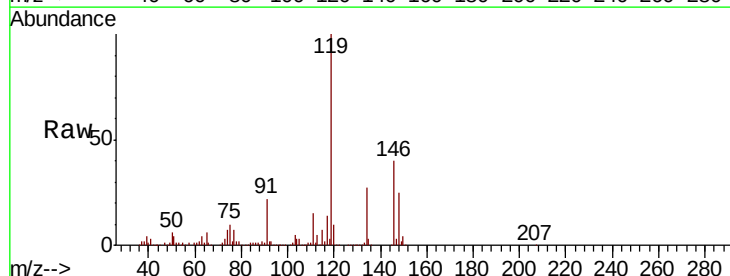
Tgt Ion:119 Resp: 935177

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

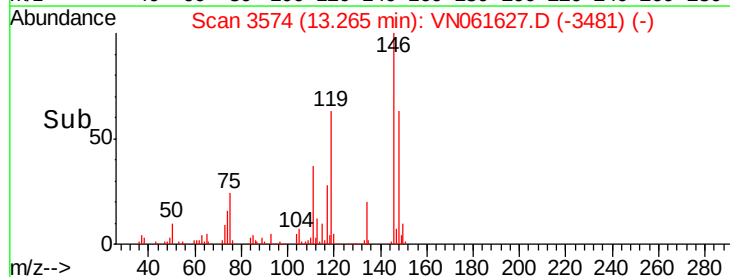
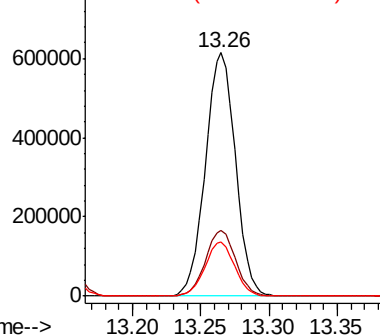
91 21.9 11.4 34.1

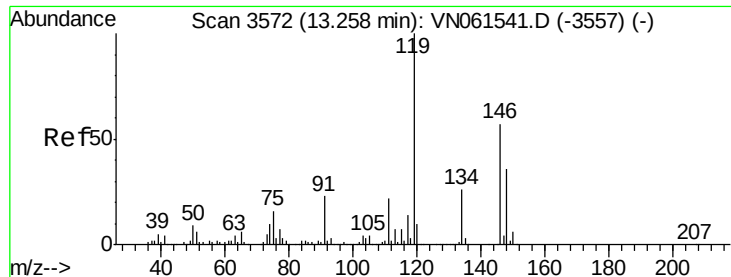


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

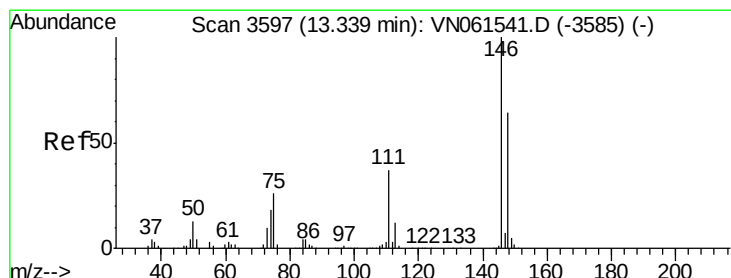
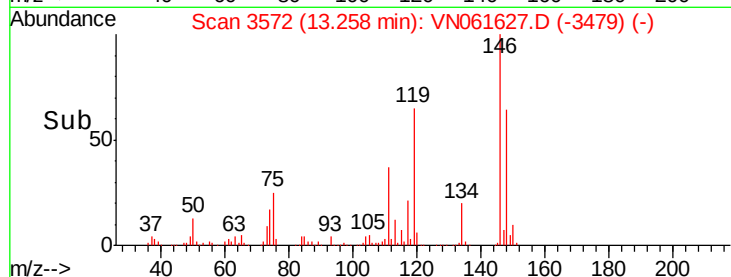
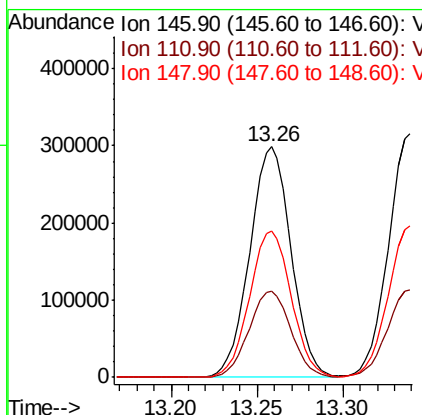
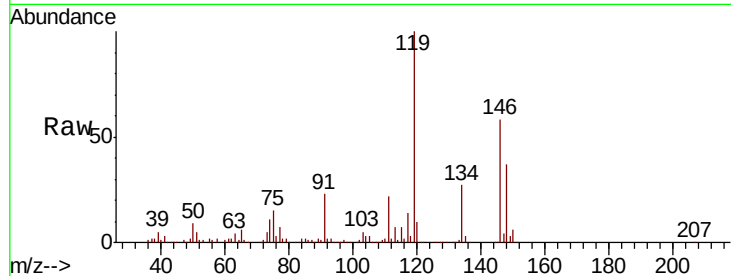




#87
 1,3-Dichlorobenzene
 Concen: 51.143 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

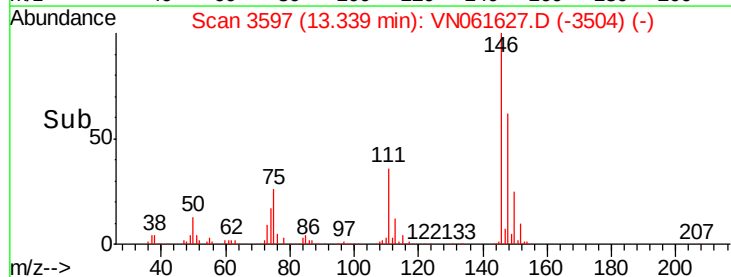
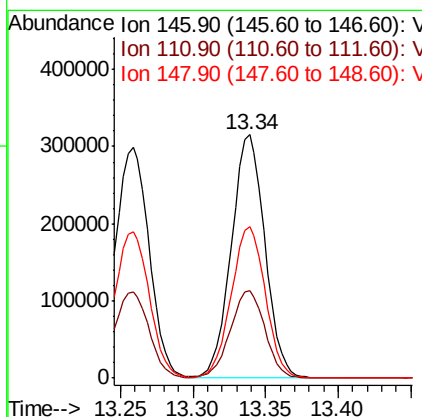
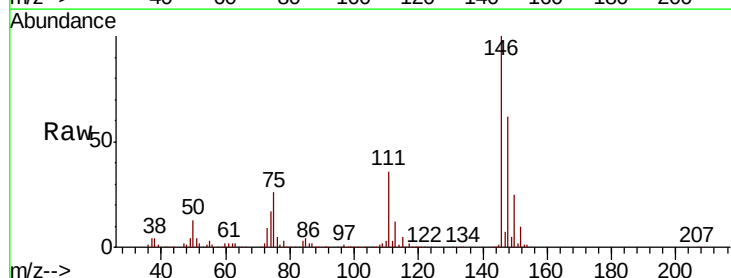
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

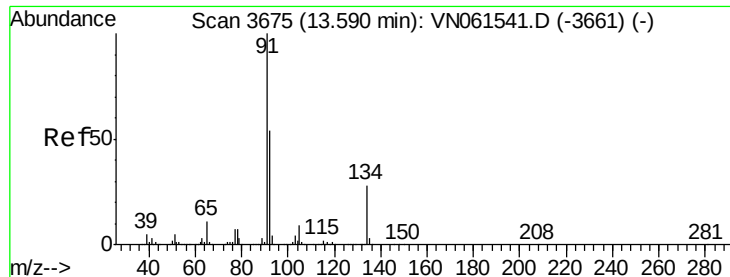
Tot Ion:146 Resp: 496996
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.2 57.6
 148 64.0 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 50.946 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion:146 Resp: 504356
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.9
 148 63.9 31.8 95.3

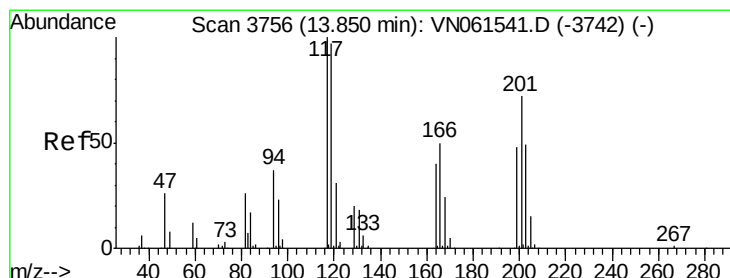
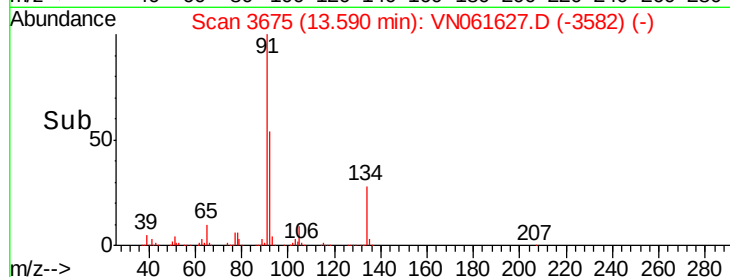
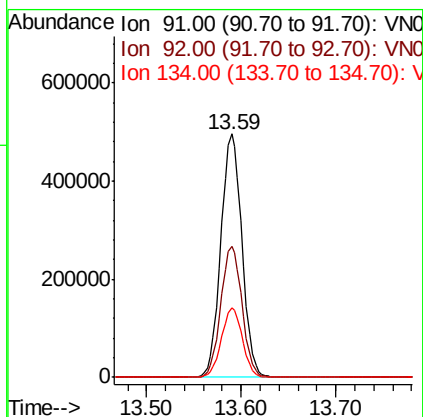
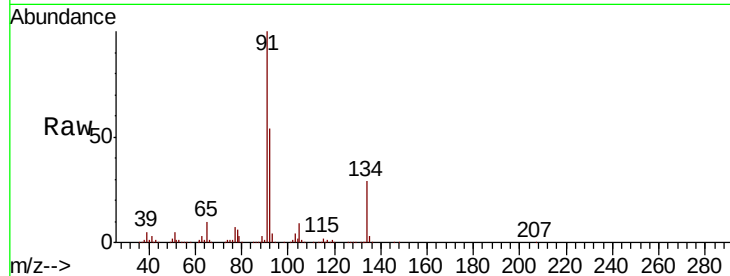




#89
n-Butylbenzene
Concen: 48.659 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

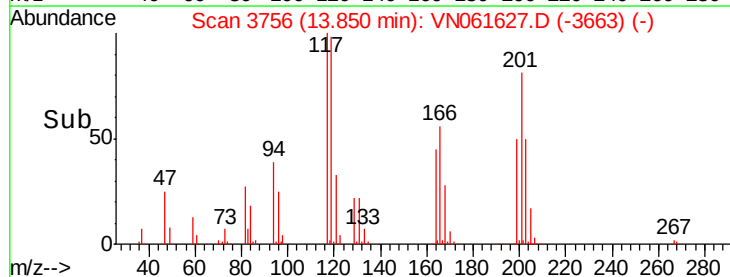
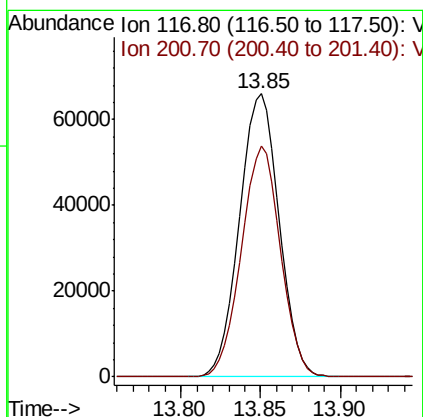
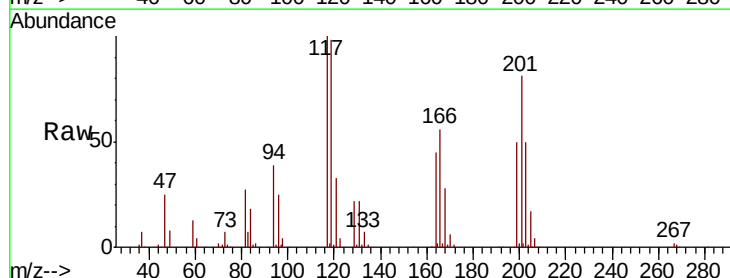
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

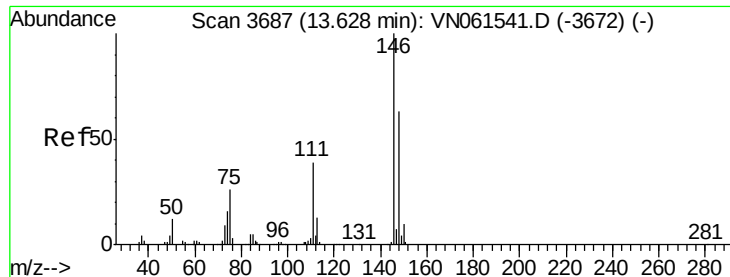
Tot Ion: 91 Resp: 767861
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 28.3 14.0 42.0



#90
Hexachloroethane
Concen: 53.506 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion: 117 Resp: 111484
Ion Ratio Lower Upper
117 100
201 80.4 36.7 110.1

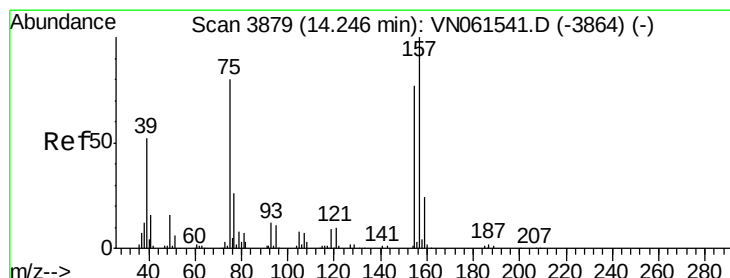
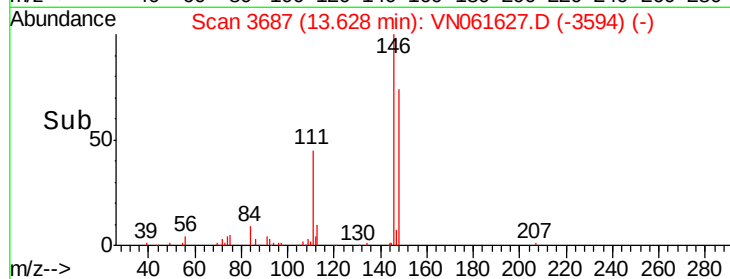
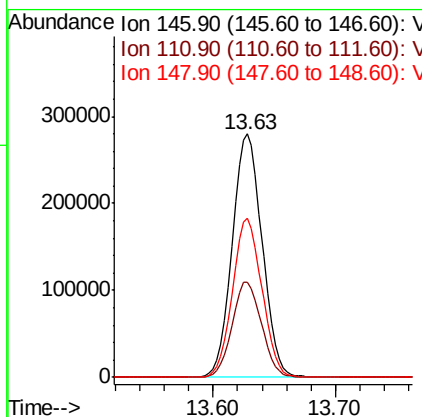
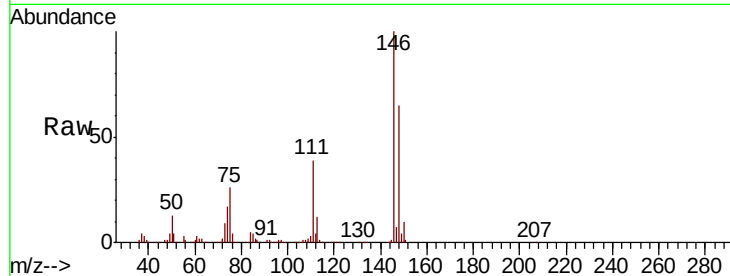




#91
 1,2-Dichlorobenzene
 Concen: 51.249 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

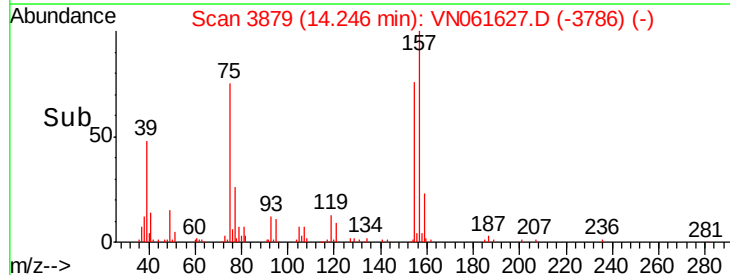
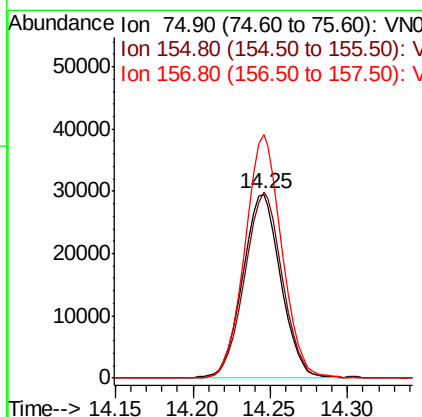
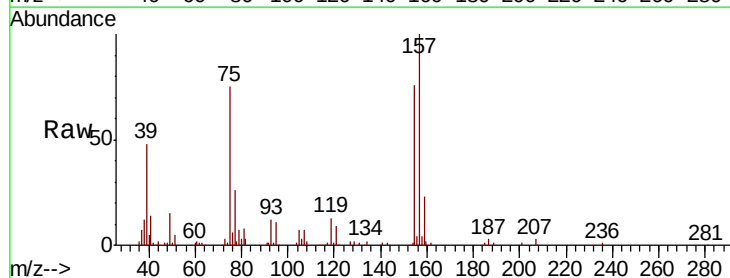
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

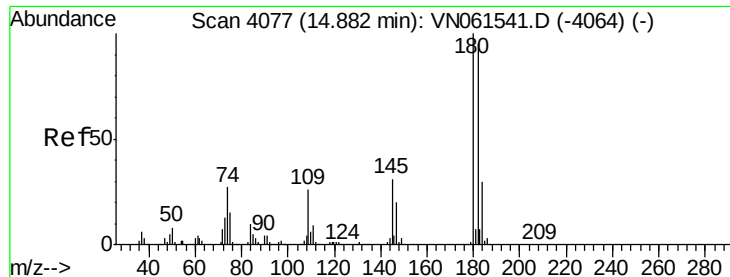
Tot Ion:146 Resp: 475942
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.1 60.2
 148 64.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.191 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion: 75 Resp: 50611
 Ion Ratio Lower Upper
 75 100
 155 99.9 47.1 141.4
 157 127.9 60.3 180.8

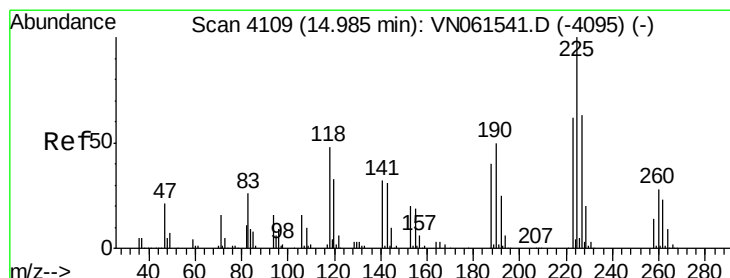
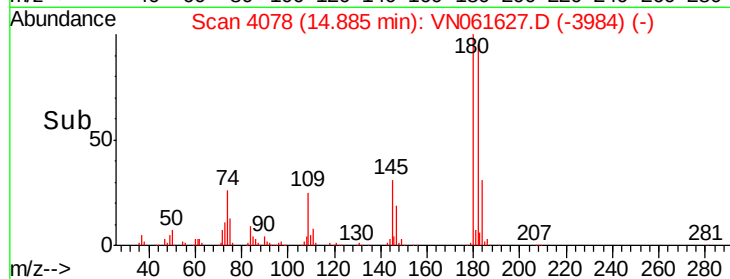
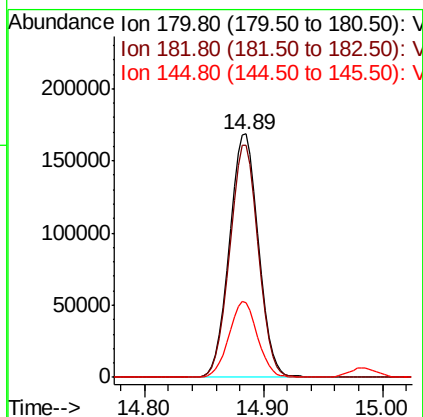
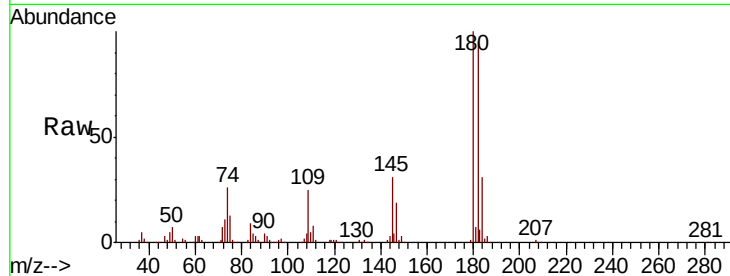




#93
 1,2,4-Trichlorobenzene
 Concen: 52.373 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

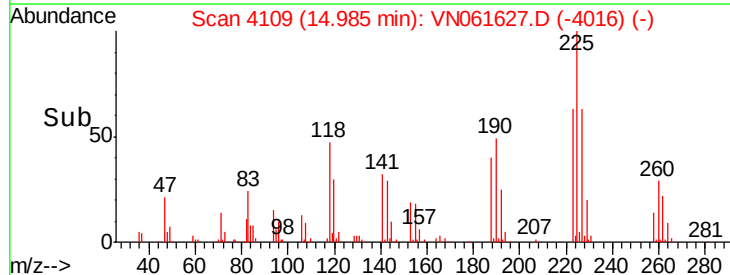
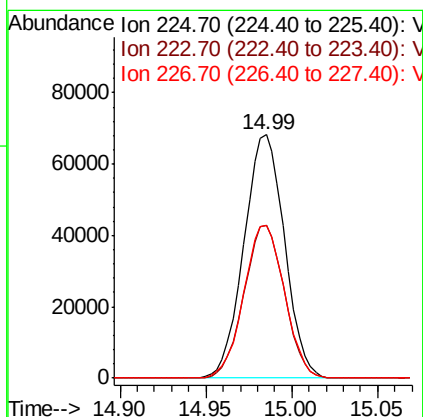
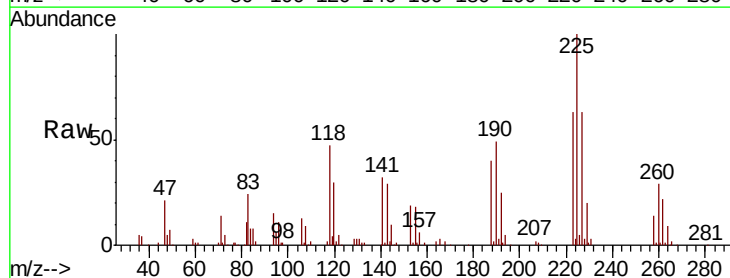
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

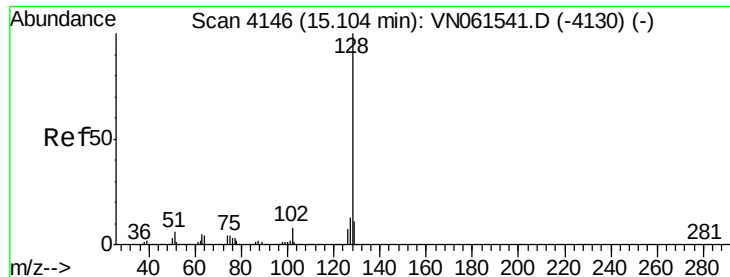
Tot Ion:180 Resp: 284452
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.8 143.3
 145 30.8 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 48.203 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061627.D
 Acq: 3 Jun 2020 10:21

Tgt Ion:225 Resp: 111658
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.9 95.5
 227 62.8 31.9 95.9

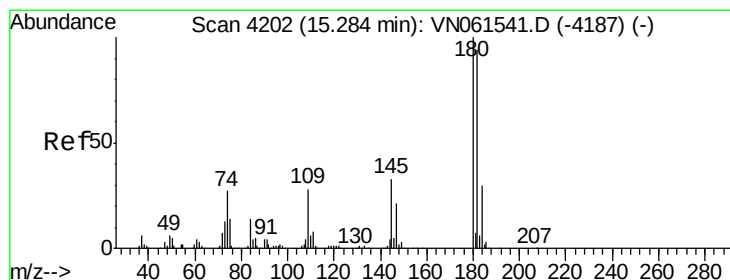
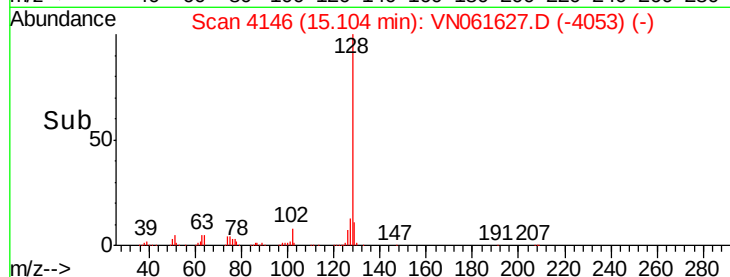
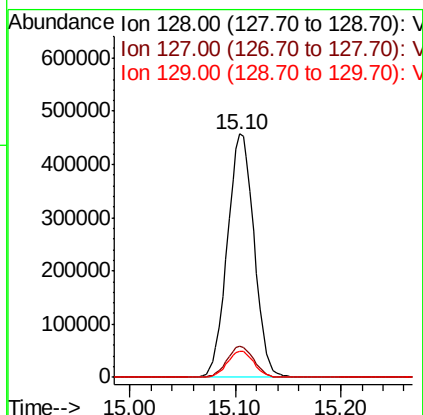
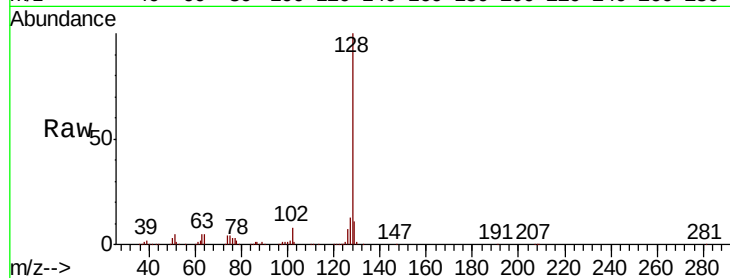




#95
Naphthalene
Concen: 48.356 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 799404
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 50.537 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061627.D
Acq: 3 Jun 2020 10:21

Tgt Ion:180 Resp: 269872
Ion Ratio Lower Upper
180 100
182 94.7 47.1 141.3
145 32.4 16.3 48.9

