

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062725.D
 Acq On : 3 Aug 2020 9:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 04 03:25:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	155587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	233575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117815	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	119309	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
35) Dibromofluoromethane	7.54	113	78952	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	10.06	98	312199	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.37	95	120712	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	89697	48.332	ug/l	100
3) Chloromethane	2.03	50	94659	37.606	ug/l	97
4) Vinyl Chloride	2.16	62	90688	41.560	ug/l	99
5) Bromomethane	2.50	94	54401	56.287	ug/l	96
6) Chloroethane	2.65	64	54301	55.013	ug/l	100
7) Trichlorofluoromethane	2.97	101	155595	60.731	ug/l	100
8) Diethyl Ether	3.37	74	54967	45.879	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.71	101	84621	51.515	ug/l	97
10) Methyl Iodide	3.91	142	106443	50.686	ug/l	94
11) Tert butyl alcohol	4.73	59	80093	208.308	ug/l	98
12) 1,1-Dichloroethene	3.69	96	78398	47.059	ug/l	99
13) Acrolein	3.56	56	64924	164.889	ug/l	100
14) Allyl chloride	4.27	41	151720	42.102	ug/l	90
15) Acrylonitrile	4.92	53	227427	220.835	ug/l	98
16) Acetone	3.77	43	301877	331.907	ug/l	99
17) Carbon Disulfide	4.00	76	225690	41.232	ug/l	99
18) Methyl Acetate	4.27	43	106570	46.284	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	312183	50.913	ug/l	97
20) Methylene Chloride	4.50	84	95834	43.932	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	87191	47.156	ug/l	92
22) Diisopropyl ether	5.90	45	313930	43.827	ug/l	97
23) Vinyl Acetate	5.84	43	1318592	224.662	ug/l	98
24) 1,1-Dichloroethane	5.79	63	181321	47.008	ug/l	99
25) 2-Butanone	6.78	43	338897	244.660	ug/l	95
26) 2,2-Dichloropropane	6.77	77	171769	54.246	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	100786	47.769	ug/l	99
28) Bromochloromethane	7.14	49	83702	44.094	ug/l	91
29) Tetrahydrofuran	7.16	42	196058	209.175	ug/l	94
30) Chloroform	7.33	83	185261	50.515	ug/l	99
31) Cyclohexane	7.61	56	150902	42.372	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	168537	55.042	ug/l	99
36) 1,1-Dichloropropene	7.75	75	137383	53.042	ug/l	99
37) Ethyl Acetate	6.88	43	126642	45.360	ug/l	99
38) Carbon Tetrachloride	7.73	117	150230	60.342	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	150132	53.847	ug/l	98
40) Benzene	8.00	78	383497	48.907	ug/l	99
41) Methacrylonitrile	7.12	41	53422	44.646	ug/l	93
42) 1,2-Dichloroethane	8.08	62	165161	57.613	ug/l	97
43) Isopropyl Acetate	8.12	43	218038	48.444	ug/l #	91
44) Trichloroethene	8.80	130	91843	51.938	ug/l	99
45) 1,2-Dichloropropane	9.08	63	105074	47.726	ug/l	98
46) Dibromomethane	9.17	93	67773	53.261	ug/l	99
47) Bromodichloromethane	9.37	83	150411	54.561	ug/l	99
48) Methyl methacrylate	9.17	41	108246	50.593	ug/l	97
49) 1,4-Dioxane	9.17	88	31830	968.628	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	655193	243.292	ug/l	98
52) Toluene	10.12	92	243037	53.377	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	169509	55.235	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	176944	53.733	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	94926	53.748	ug/l	95
56) Ethyl methacrylate	10.40	69	153177	48.361	ug/l	95
57) 1,3-Dichloropropane	10.68	76	170137	52.583	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	241137	252.153	ug/l	96
59) 2-Hexanone	10.72	43	513253	246.478	ug/l	99
60) Dibromochloromethane	10.87	129	110926	56.299	ug/l	97
61) 1,2-Dibromoethane	10.98	107	96694	52.577	ug/l	99
64) Tetrachloroethene	10.60	164	78362	51.635	ug/l	97
65) Chlorobenzene	11.40	112	254304	51.933	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	101781	55.251	ug/l	98
67) Ethyl Benzene	11.48	91	482733	53.767	ug/l	100
68) m/p-Xylenes	11.59	106	351829	109.025	ug/l	98
69) o-Xylene	11.92	106	168672	55.043	ug/l	97
70) Styrene	11.94	104	297170	57.407	ug/l	98
71) Bromoform	12.10	173	78819	56.986	ug/l #	99
73) Isopropylbenzene	12.22	105	472737	50.746	ug/l	99
74) N-amyl acetate	12.04	43	194441	46.737	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	140067	43.268	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	195675	65.251	ug/l #	100
77) Bromobenzene	12.50	156	109351	48.845	ug/l	95
78) n-propylbenzene	12.56	91	555385	50.896	ug/l	100
79) 2-Chlorotoluene	12.65	91	336316	50.010	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	422682	54.699	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	52660	48.884	ug/l	95
82) 4-Chlorotoluene	12.75	91	354794	50.686	ug/l	99
83) tert-Butylbenzene	12.97	119	342074	53.311	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	418772	55.243	ug/l	98
85) sec-Butylbenzene	13.15	105	467402	54.410	ug/l	99
86) p-Isopropyltoluene	13.26	119	428211	57.957	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	204424	52.034	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	199333	51.542	ug/l	97
89) n-Butylbenzene	13.59	91	371332	58.492	ug/l	100
90) Hexachloroethane	13.85	117	78830	50.119	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	194932	51.891	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31433	53.480	ug/l	93

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Response via : Initial Calibration

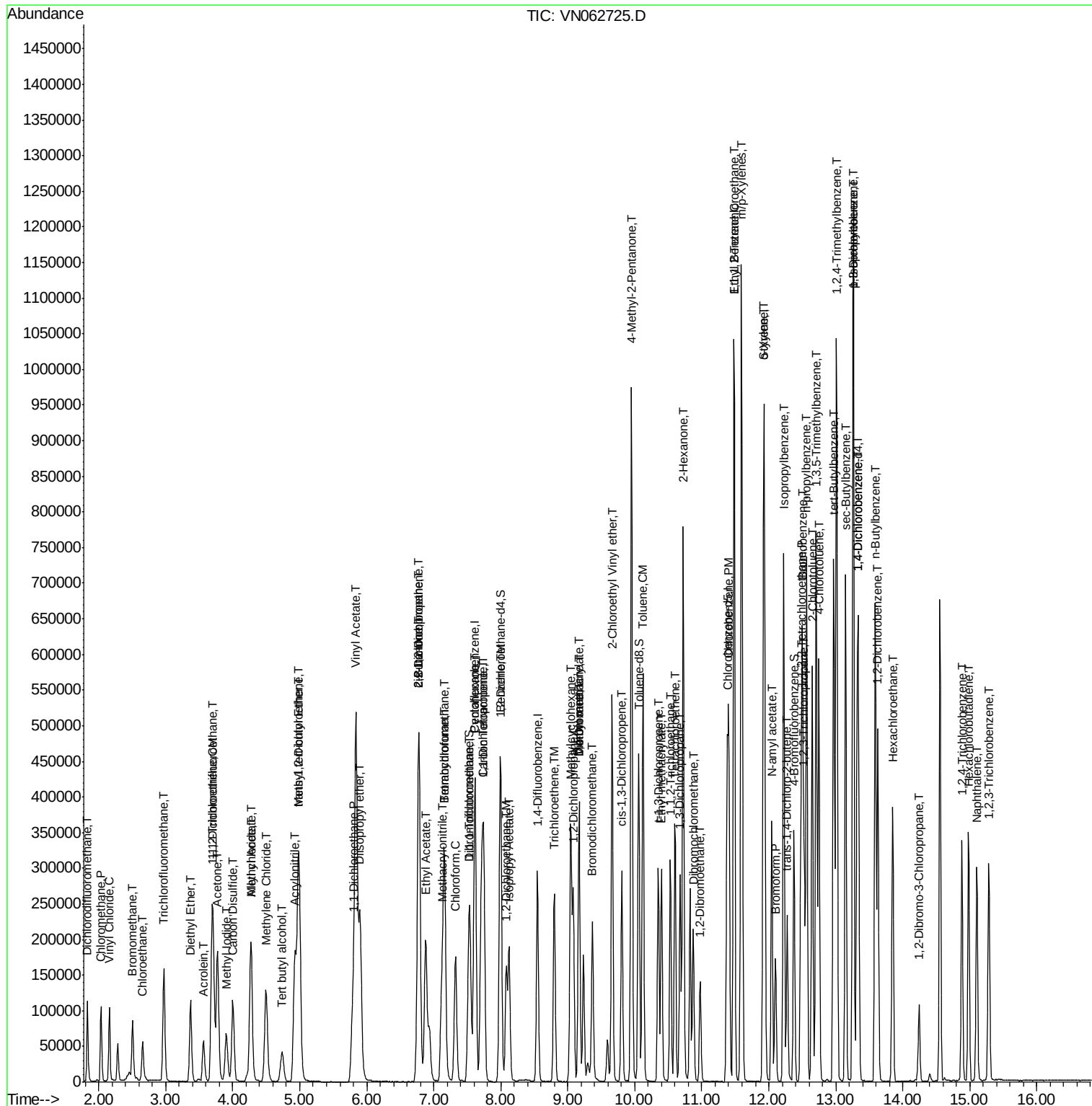
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	99710	50.452	ug/l	99
94) Hexachlorobutadiene	14.98	225	66779	65.849	ug/l	99
95) Naphthalene	15.10	128	248513	47.625	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	99988	56.480	ug/l	97

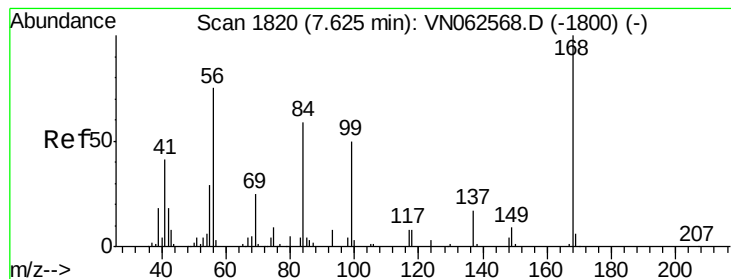
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080320\
Data File : VN062725.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

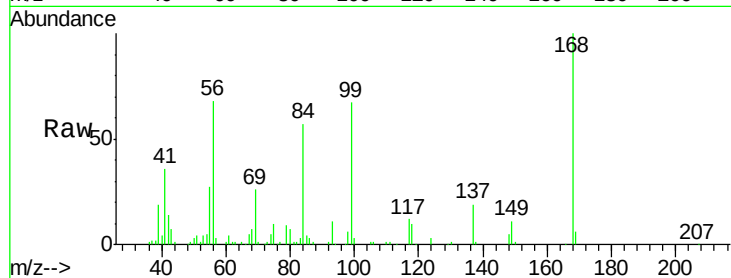
VSTDCCC050

Tot Ion:168 Resp: 155587

Ion Ratio Lower Upper

168 100

99 66.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

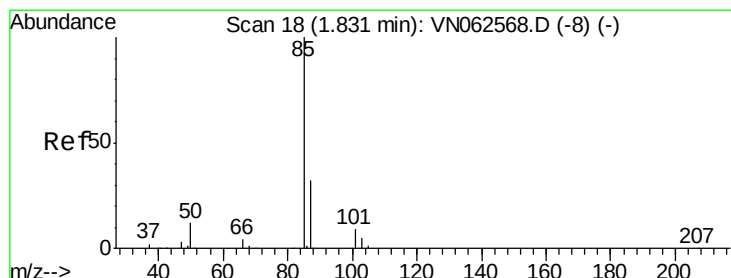
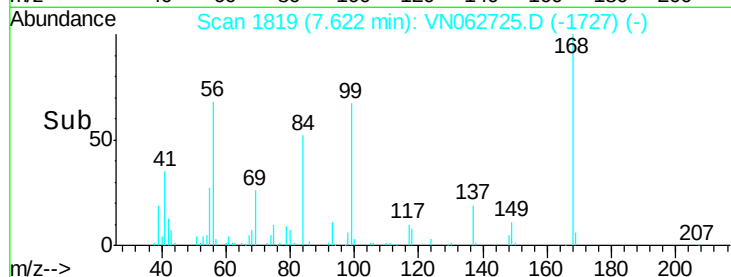
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 48.332 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062725.D

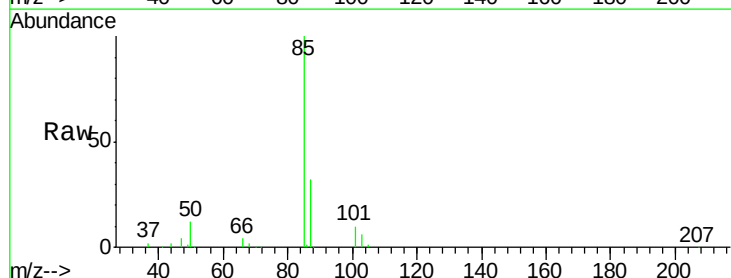
Acq: 3 Aug 2020 9:21

Tgt Ion: 85 Resp: 89697

Ion Ratio Lower Upper

85 100

87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

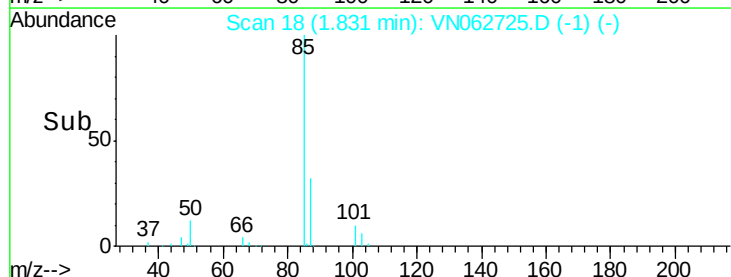
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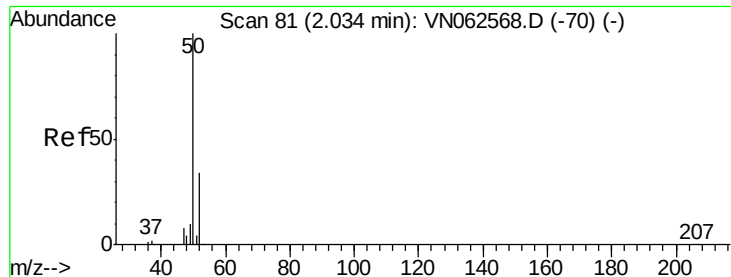
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 37.606 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

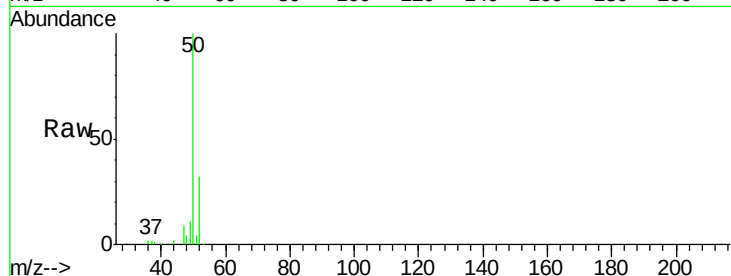
VSTDCCC050

Tot Ion: 50 Resp: 94659

Ion Ratio Lower Upper

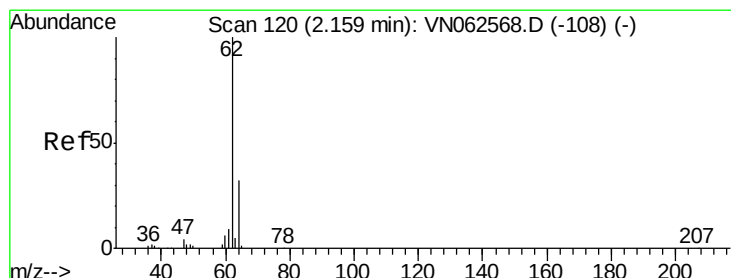
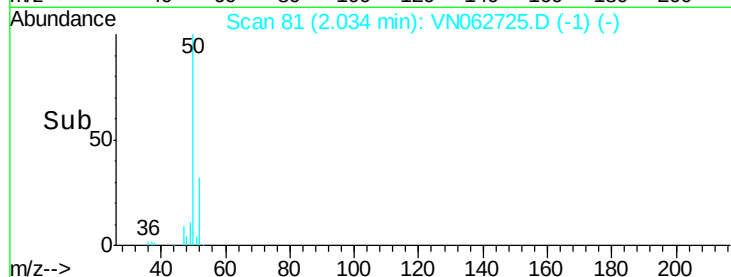
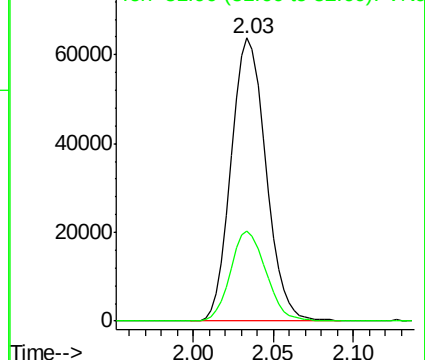
50 100

52 32.0 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 41.560 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062725.D

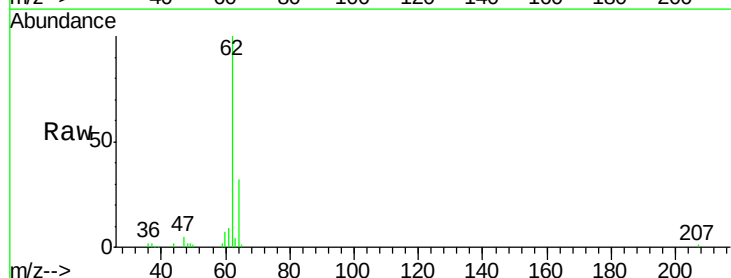
Acq: 3 Aug 2020 9:21

Tgt Ion: 62 Resp: 90688

Ion Ratio Lower Upper

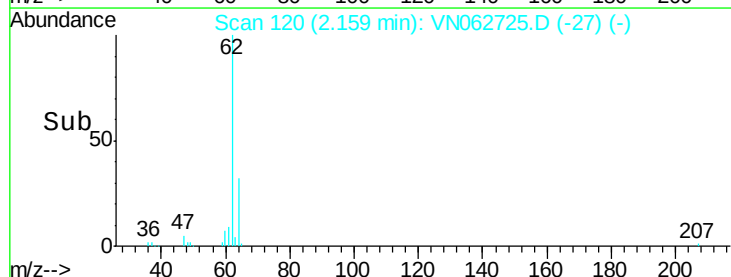
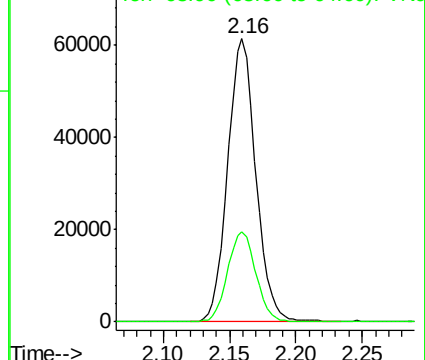
62 100

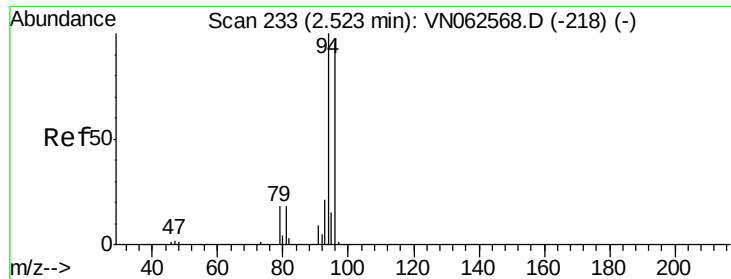
64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 56.287 ug/l

RT: 2.50 min Scan# 227

Delta R.T. -0.02 min

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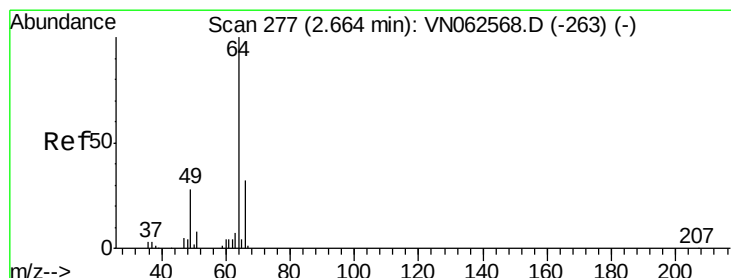
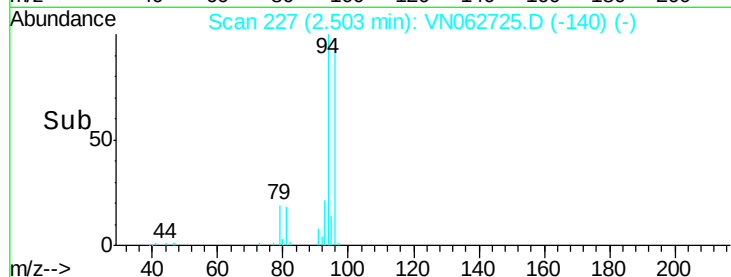
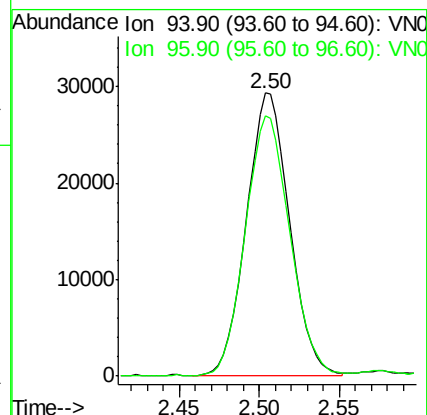
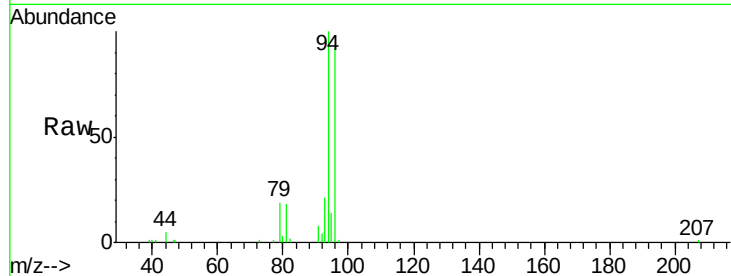
VSTDCCC050

Tot Ion: 94 Resp: 54401

Ion Ratio Lower Upper

94 100

96 92.0 76.6 114.8



#6

Chloroethane

Concen: 55.013 ug/l

RT: 2.65 min Scan# 274

Delta R.T. -0.01 min

Lab File: VN062725.D

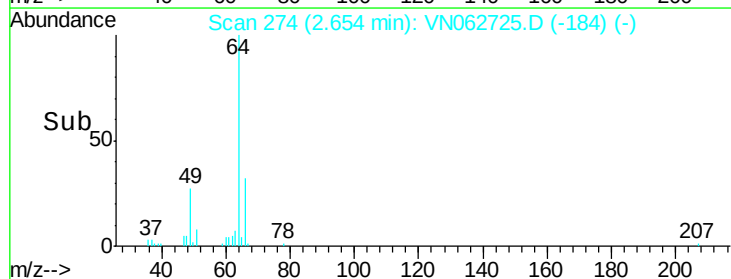
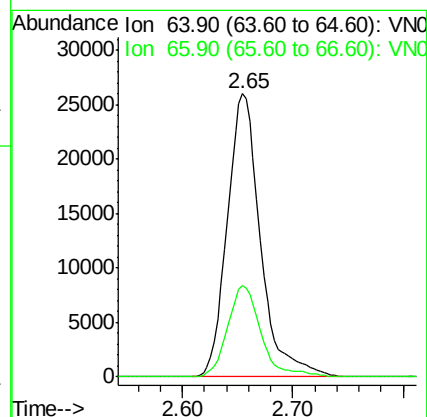
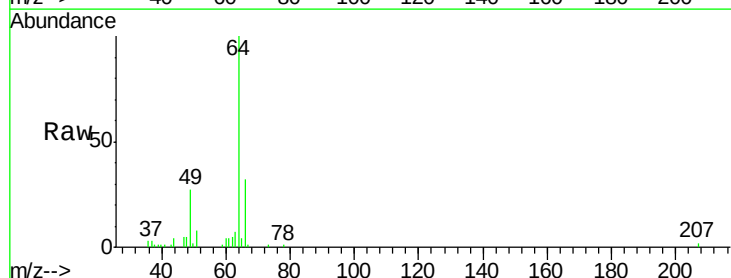
Acq: 3 Aug 2020 9:21

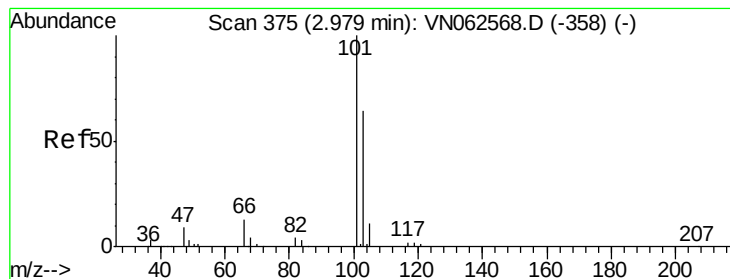
Tgt Ion: 64 Resp: 54301

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.8



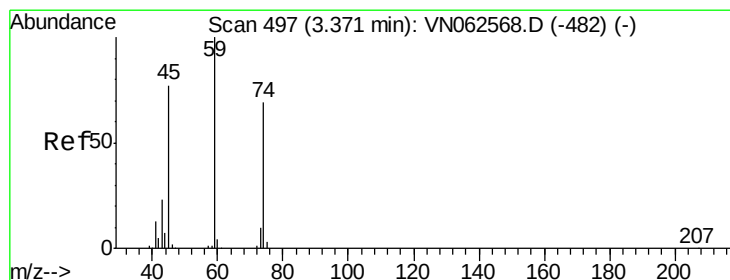
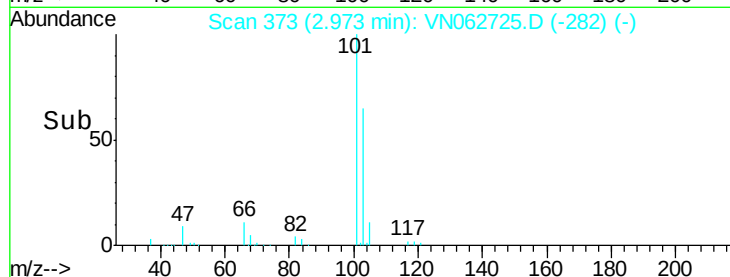
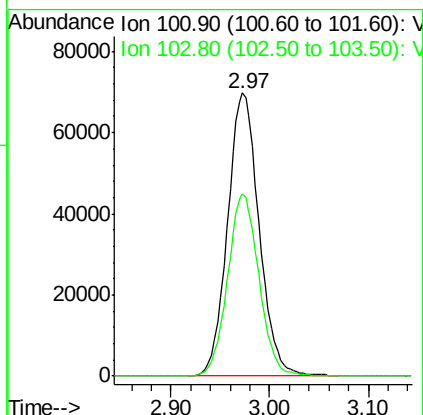
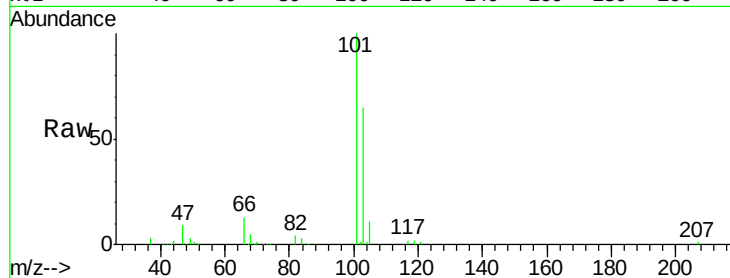


#7

Trichlorofluoromethane
Concen: 60.731 ug/l
RT: 2.97 min Scan# 373
Delta R.T. -0.01 min
Lab File: VN062725.D
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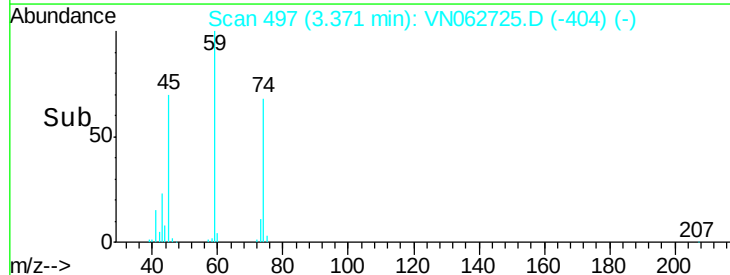
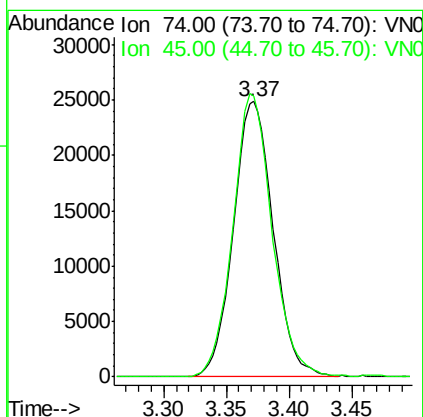
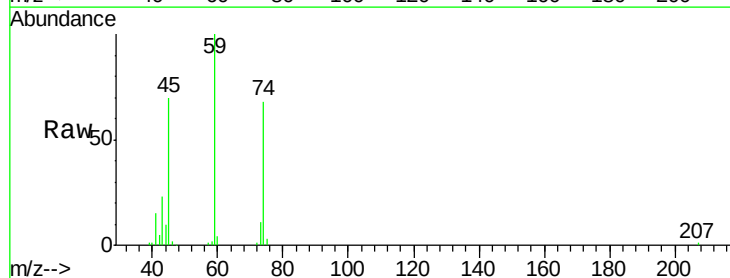
Tot Ion:101 Resp: 155595
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

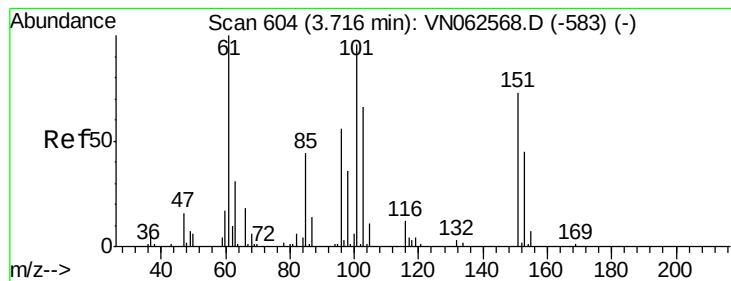


#8

Diethyl Ether
Concen: 45.879 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion: 74 Resp: 54967
Ion Ratio Lower Upper
74 100
45 101.4 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.515 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

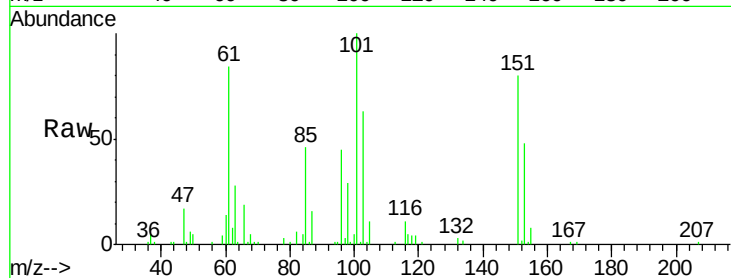
Tot Ion:101 Resp: 84621

Ion Ratio Lower Upper

101 100

85 47.1 36.0 54.0

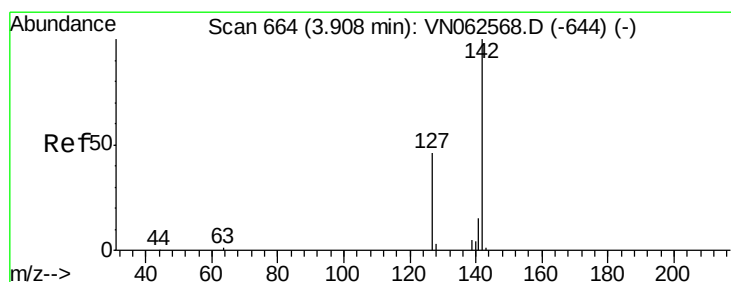
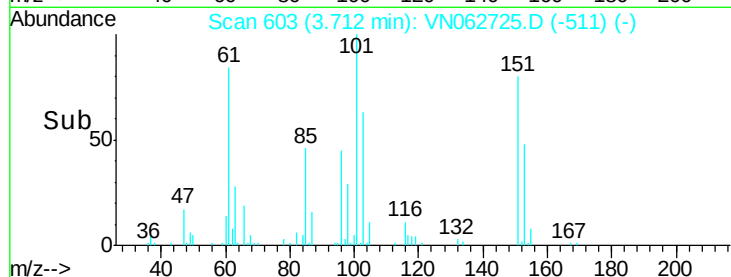
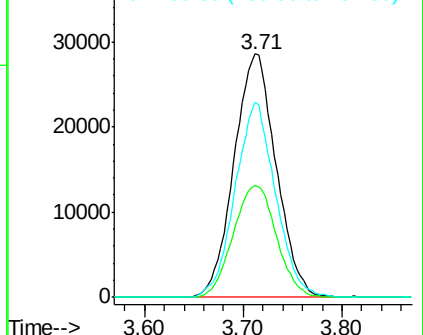
151 76.9 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.686 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

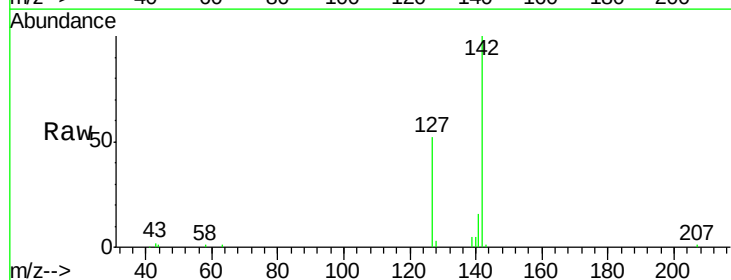
Tgt Ion:142 Resp: 106443

Ion Ratio Lower Upper

142 100

127 52.0 37.4 56.0

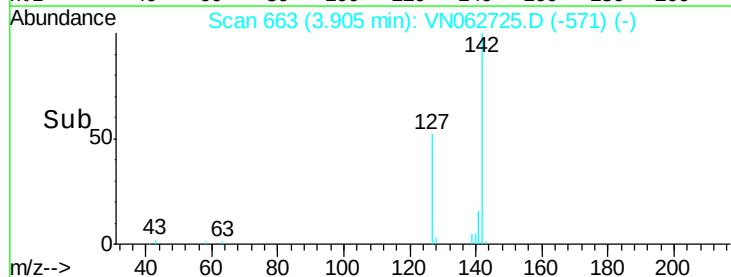
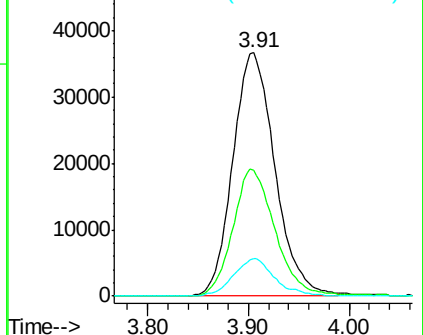
141 15.0 11.9 17.9

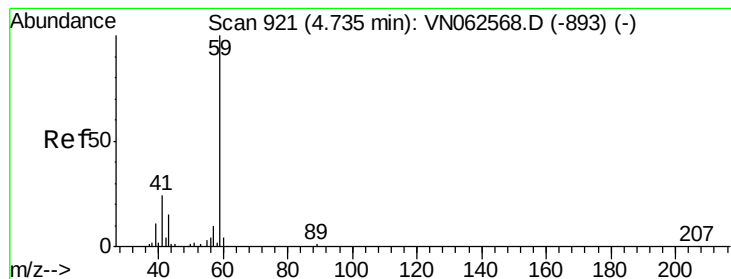


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



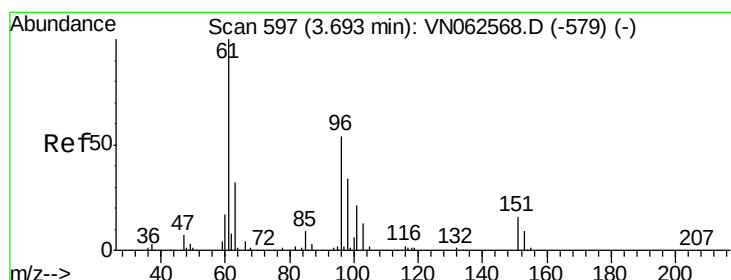
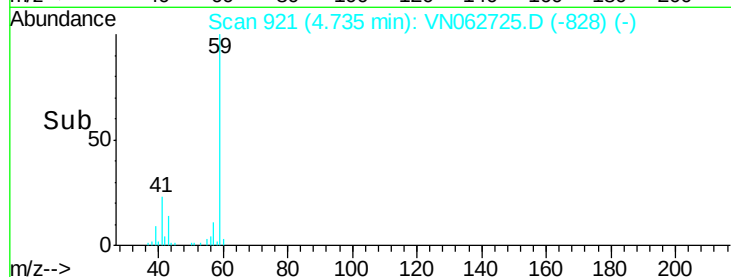
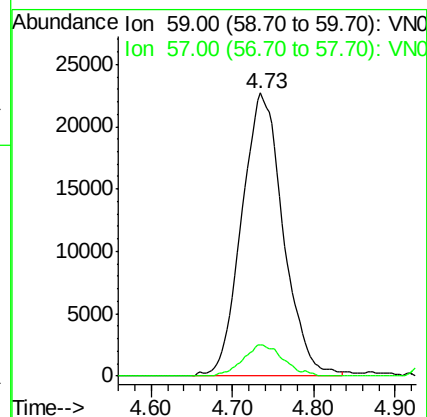
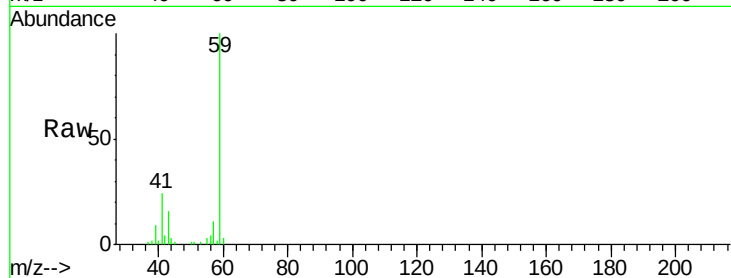


#11

Tert butyl alcohol
 Concen: 208.308 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

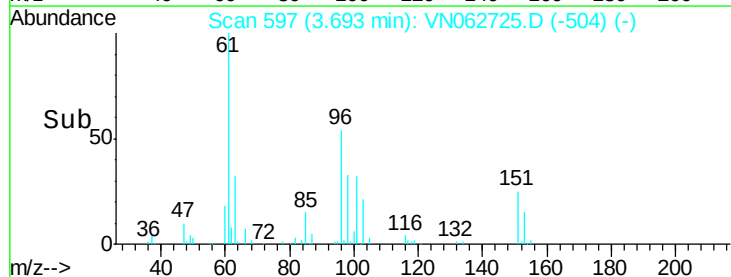
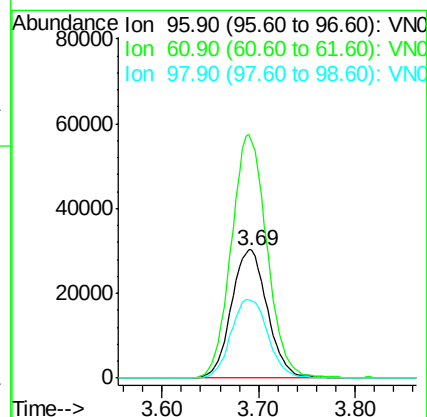
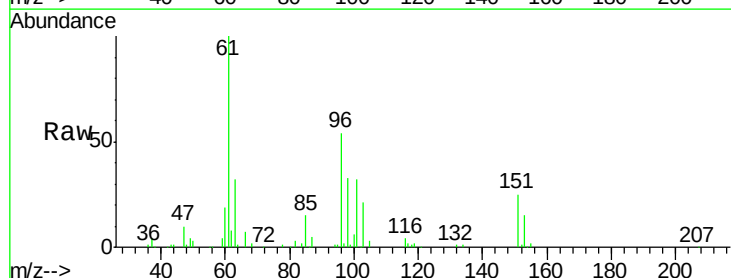
Tot Ion: 59 Resp: 80093
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.2

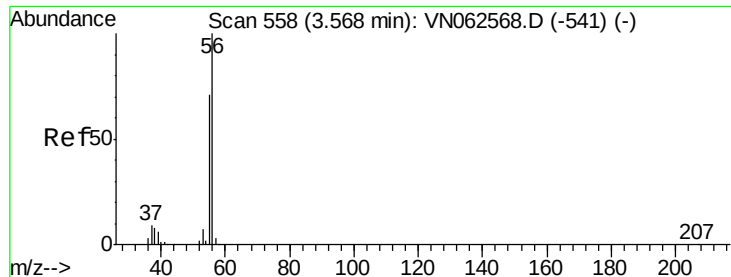


#12

1,1-Dichloroethene
 Concen: 47.059 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion: 96 Resp: 78398
 Ion Ratio Lower Upper
 96 100
 61 185.2 148.6 222.8
 98 60.7 50.6 75.8





#13

Acrolein

Concen: 164.889 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

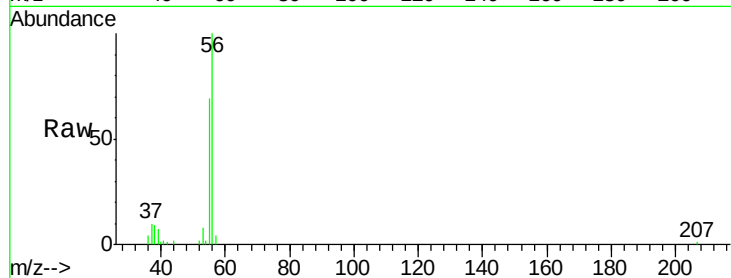
VSTDCCC050

Tot Ion: 56 Resp: 64924

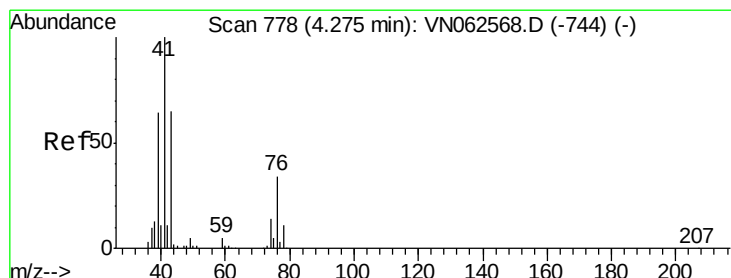
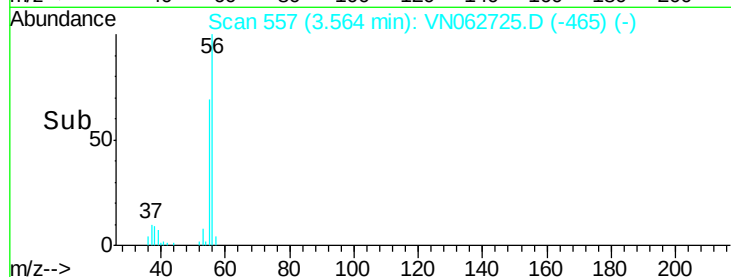
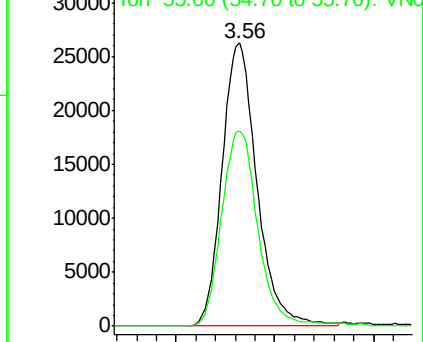
Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VN062725.D (-465) (-)



#14

Allyl chloride

Concen: 42.102 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

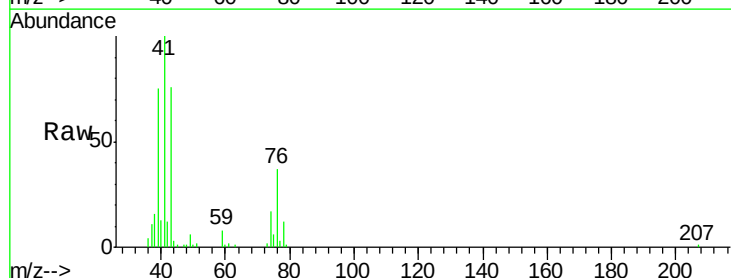
Tgt Ion: 41 Resp: 151720

Ion Ratio Lower Upper

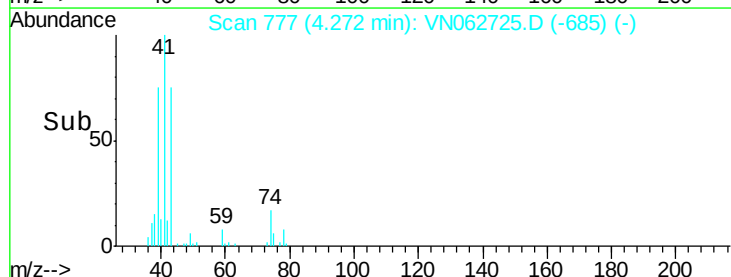
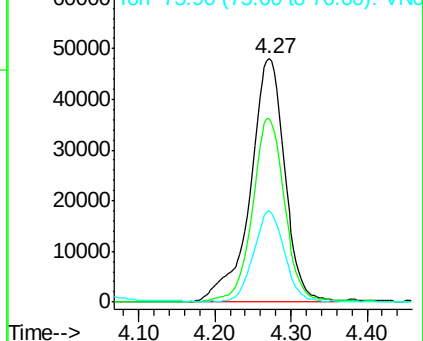
41 100

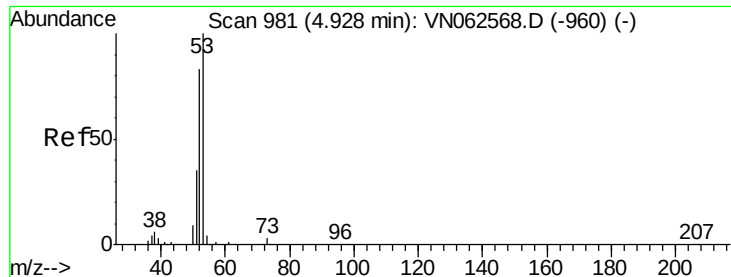
39 70.3 49.0 73.4

76 33.5 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VN062725.D (-685) (-)





#15

Acrylonitrile

Concen: 220.835 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

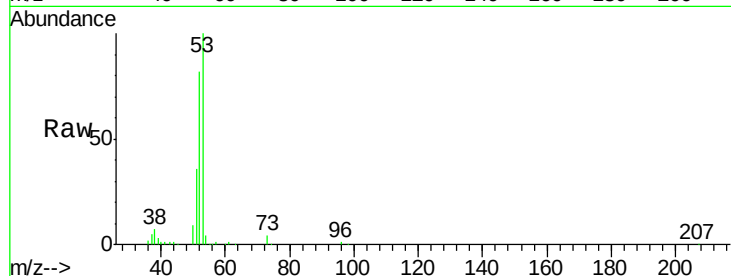
Tot Ion: 53 Resp: 227427

Ion	Ratio	Lower	Upper
53	100		
52	84.3	66.3	99.5
51	37.3	28.6	43.0

53 100

52 84.3 66.3 99.5

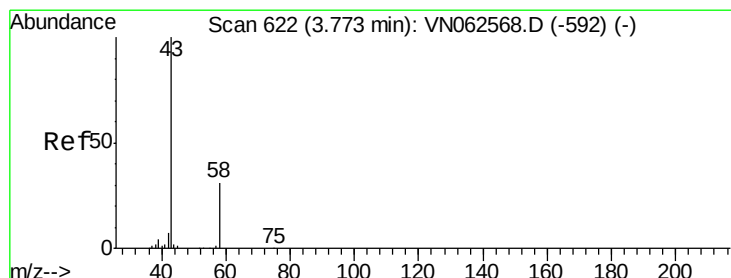
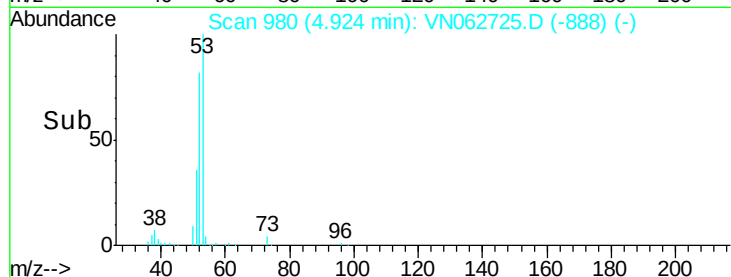
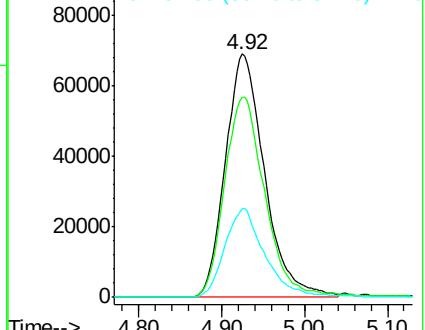
51 37.3 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN062725.D (-988) (-)

Ion 52.00 (51.70 to 52.70): VN062725.D (-988) (-)

Ion 51.00 (50.70 to 51.70): VN062725.D (-988) (-)



#16

Acetone

Concen: 331.907 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062725.D

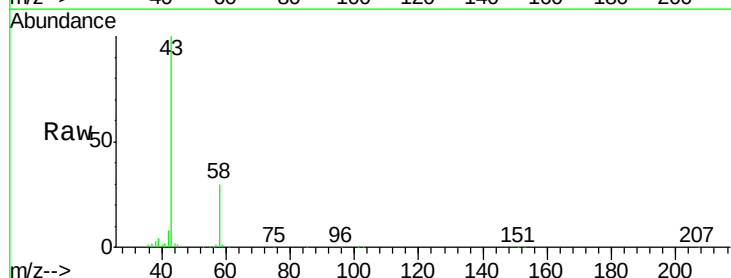
Acq: 3 Aug 2020 9:21

Tgt Ion: 43 Resp: 301877

Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.6	37.0

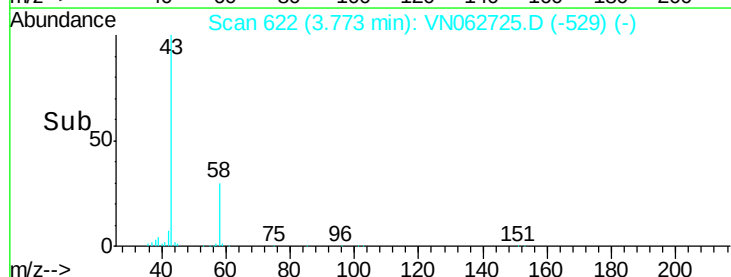
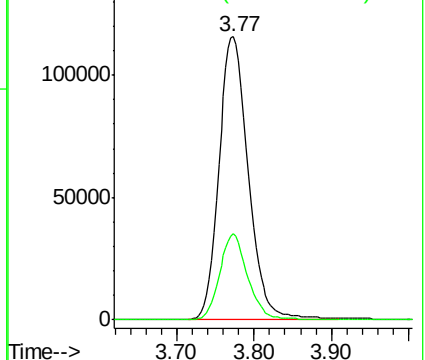
43 100

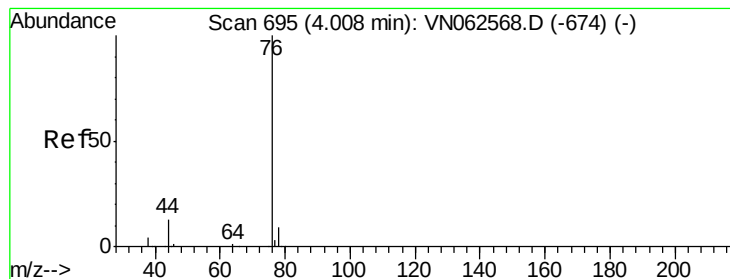
58 30.4 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN062725.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062725.D (-529) (-)





#17

Carbon Disulfide

Concen: 41.232 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.01 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

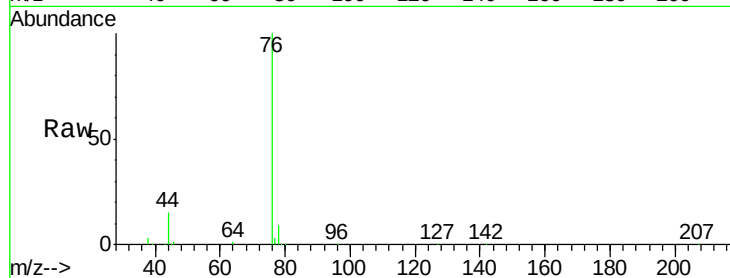
VSTDCCC050

Tot Ion: 76 Resp: 225690

Ion Ratio Lower Upper

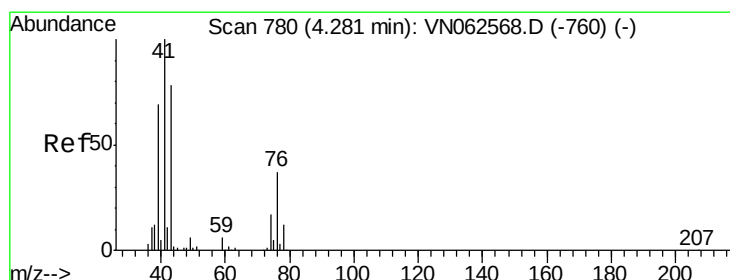
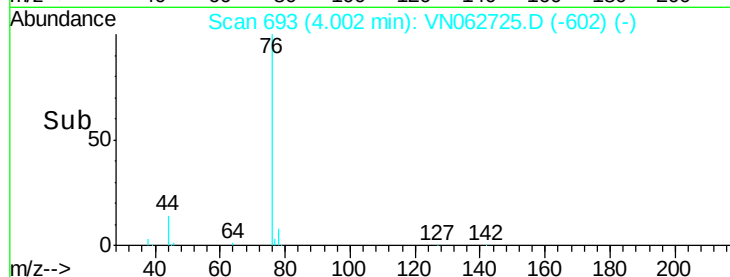
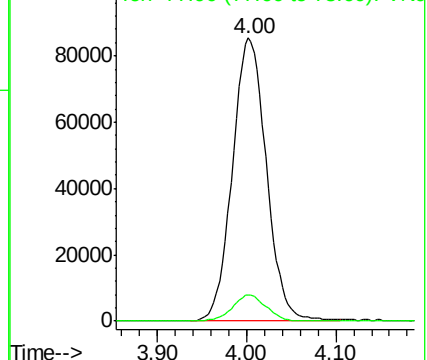
76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN062725.D (-602) (-)

Ion 77.90 (77.60 to 78.60): VN062725.D (-602) (-)



#18

Methyl Acetate

Concen: 46.284 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.01 min

Lab File: VN062725.D

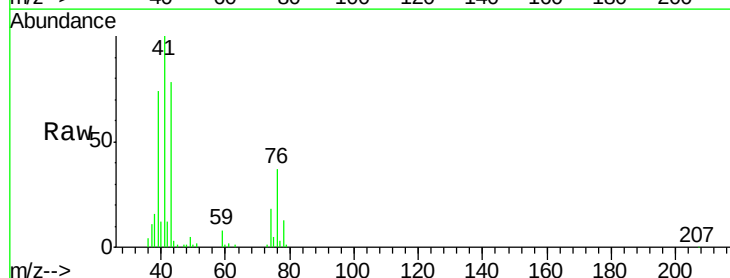
Acq: 3 Aug 2020 9:21

Tgt Ion: 43 Resp: 106570

Ion Ratio Lower Upper

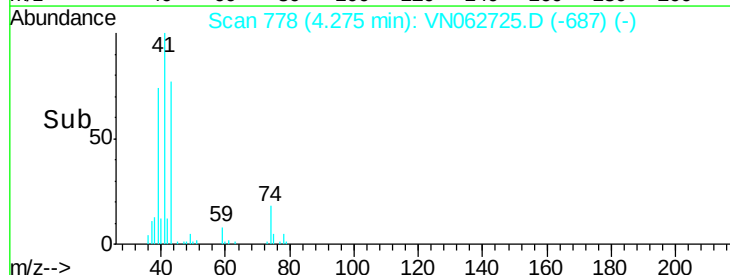
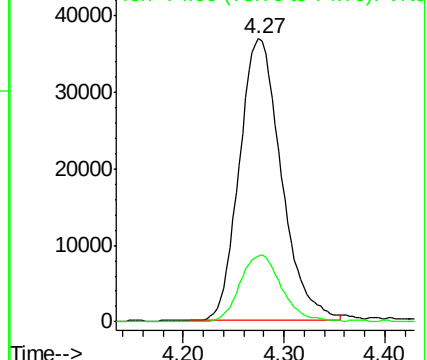
43 100

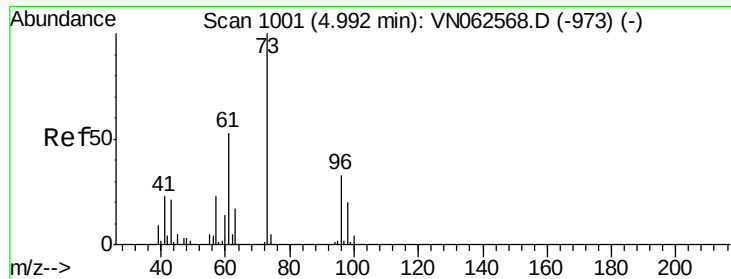
74 23.6 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN062725.D (-687) (-)

Ion 74.00 (73.70 to 74.70): VN062725.D (-687) (-)

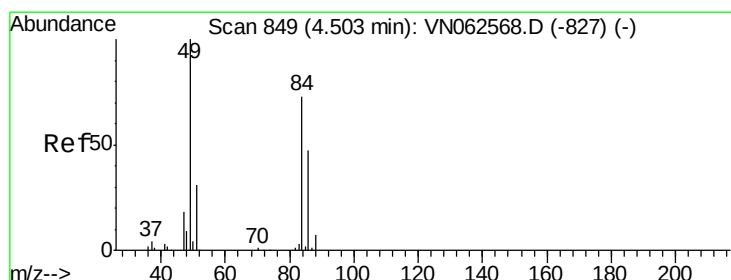
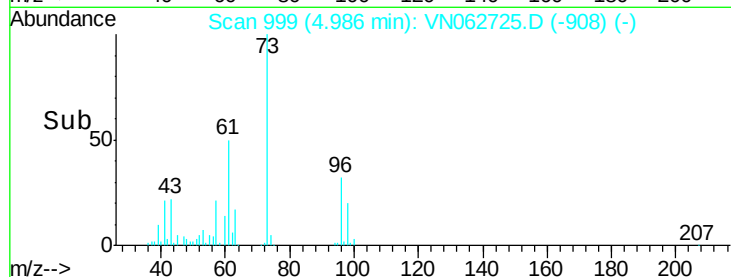
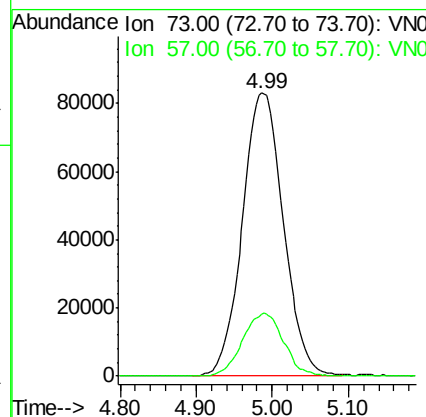
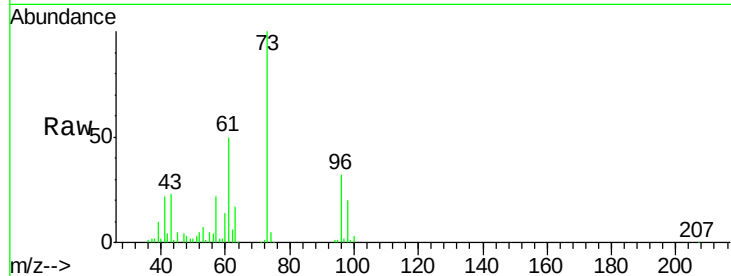




#19
Methvl tert-butvl Ether
Concen: 50.913 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

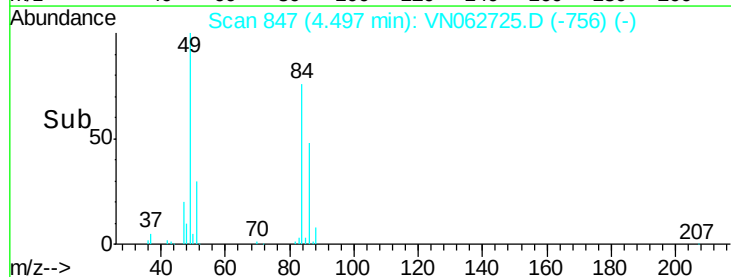
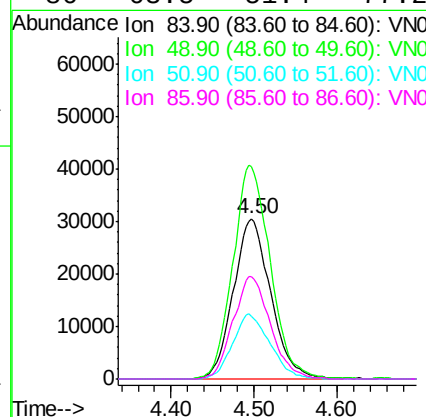
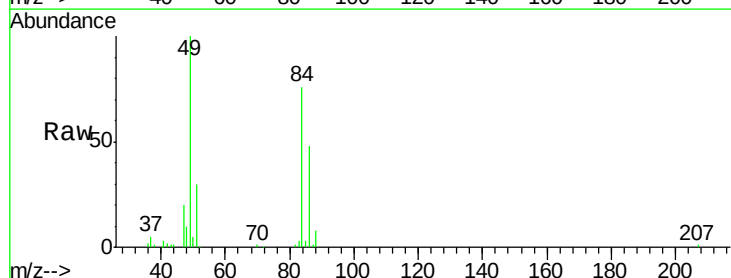
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

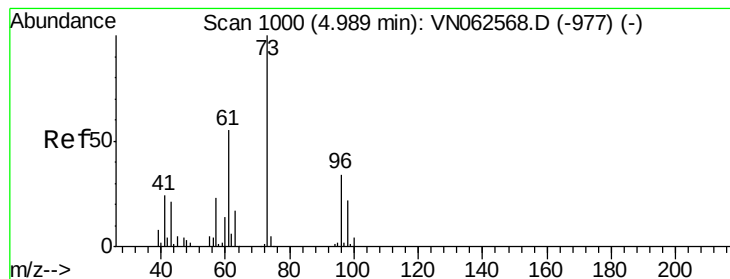
Tot Ion: 73 Resp: 312183
Ion Ratio Lower Upper
73 100
57 21.8 18.6 27.8



#20
Methylene Chloride
Concen: 43.932 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion: 84 Resp: 95834
Ion Ratio Lower Upper
84 100
49 132.1 109.4 164.0
51 39.3 33.6 50.4
86 63.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 47.156 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

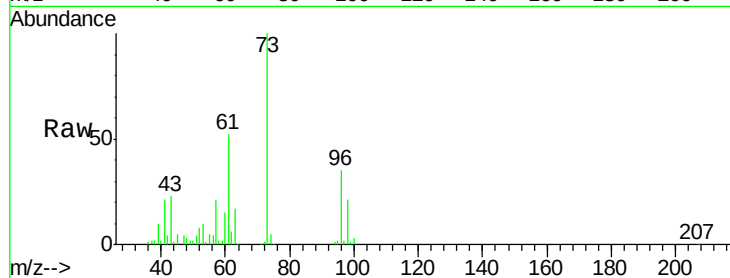
Tot Ion: 96 Resp: 87191

Ion Ratio Lower Upper

96 100

61 148.0 128.6 192.8

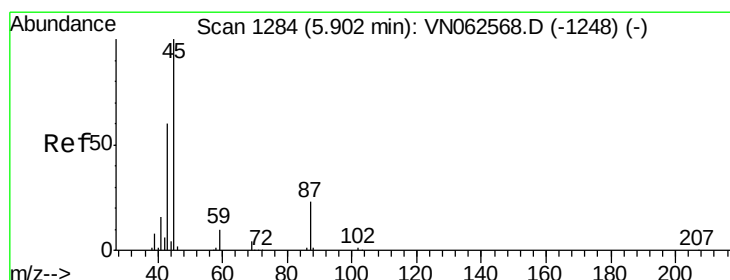
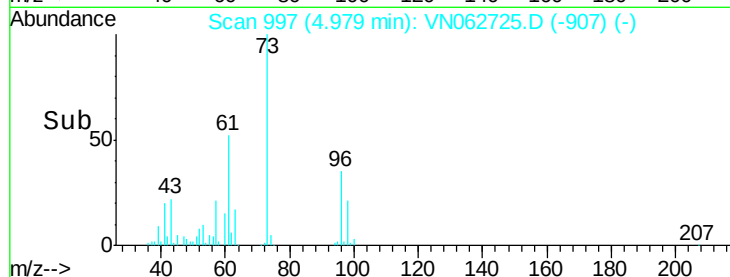
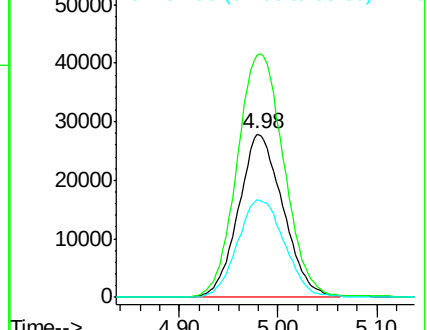
98 59.6 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN062725.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN062725.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN062725.D (-907) (-)



#22

Diisopropyl ether

Concen: 43.827 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Tgt Ion: 45 Resp: 313930

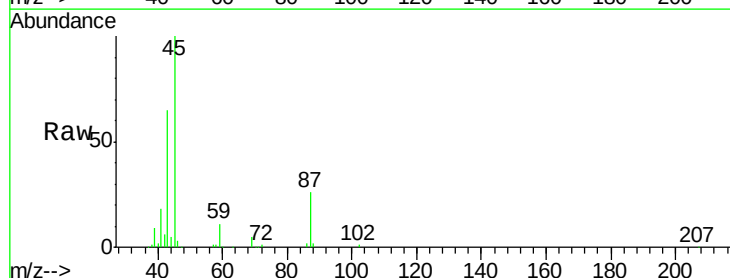
Ion Ratio Lower Upper

45 100

43 63.1 48.7 73.1

87 26.2 19.0 28.6

59 10.8 8.6 13.0

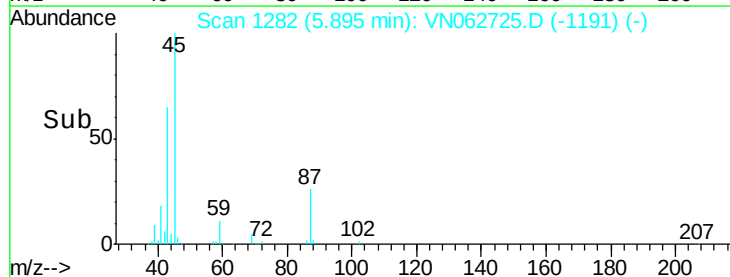
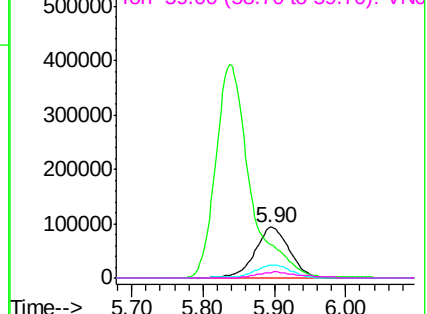


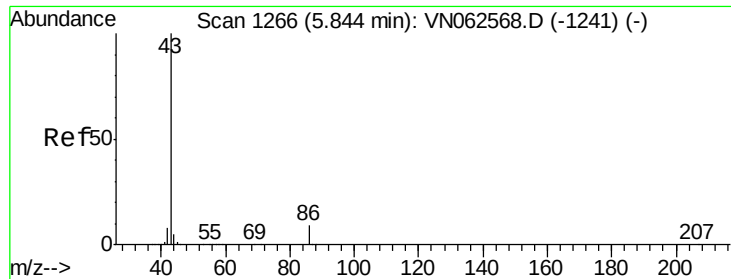
Abundance Ion 45.00 (44.70 to 45.70): VN062725.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062725.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062725.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062725.D (-1191) (-)

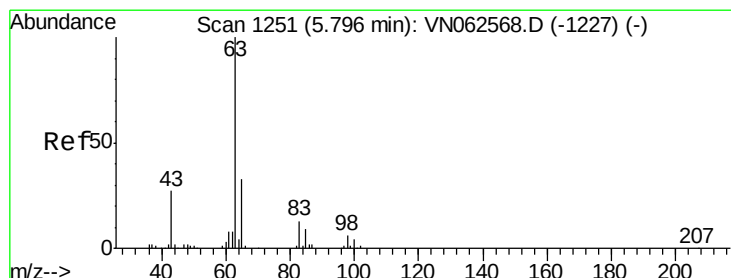
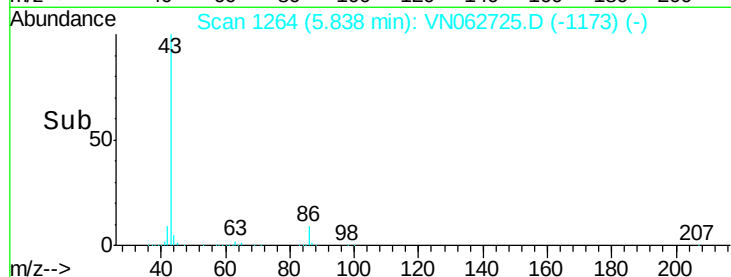
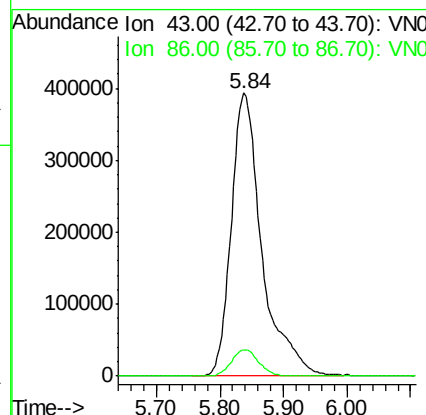
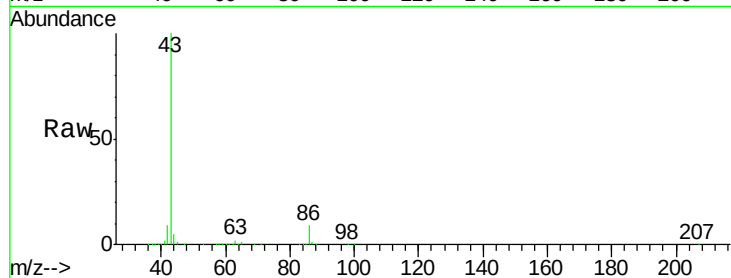




#23
 Vinyl Acetate
 Concen: 224.662 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

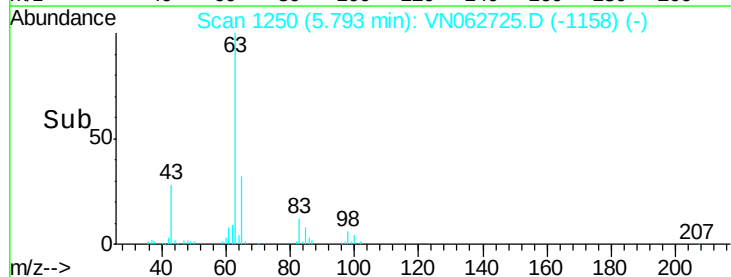
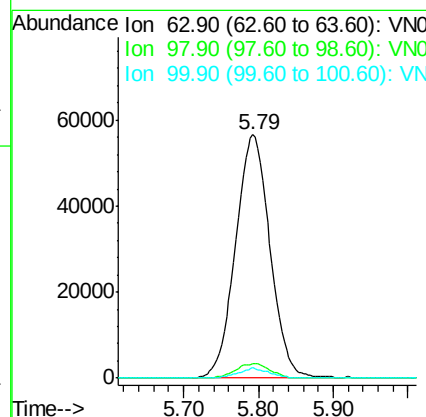
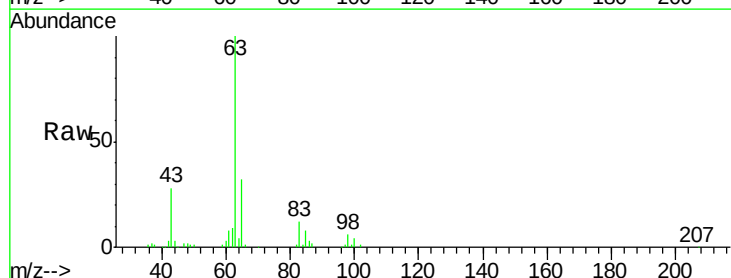
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

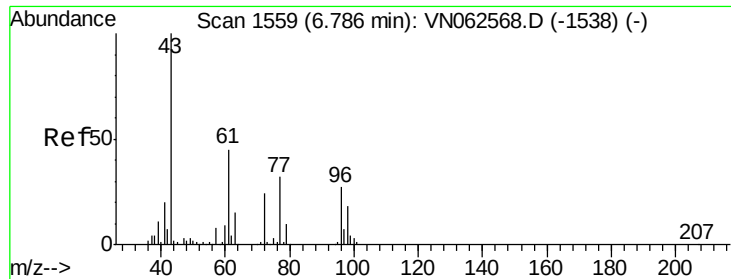
Tot Ion: 43 Resp: 1318592
 Ion Ratio Lower Upper
 43 100
 86 9.4 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 47.008 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion: 63 Resp: 181321
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.8
 100 4.1 1.8 5.4

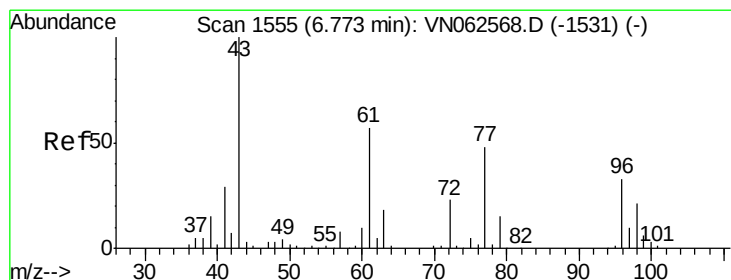
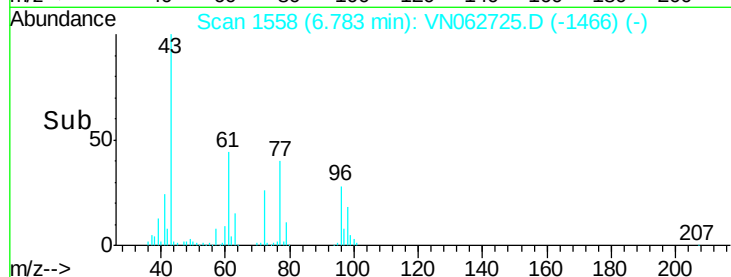
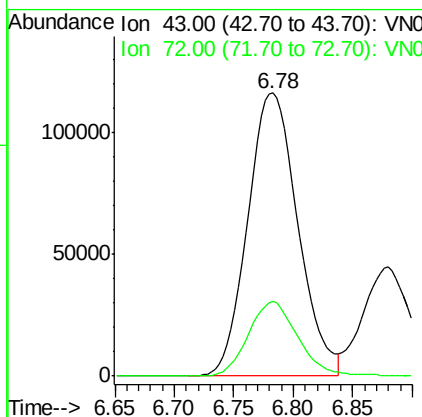
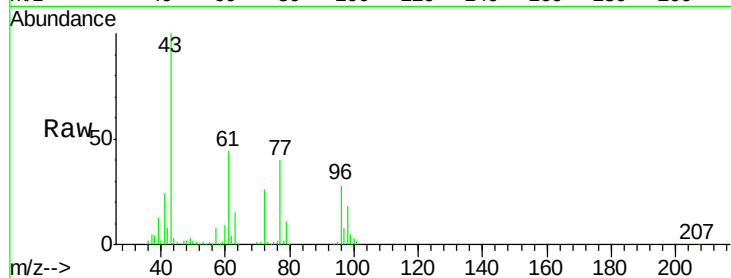




#25
 2-Butanone
 Concen: 244.660 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

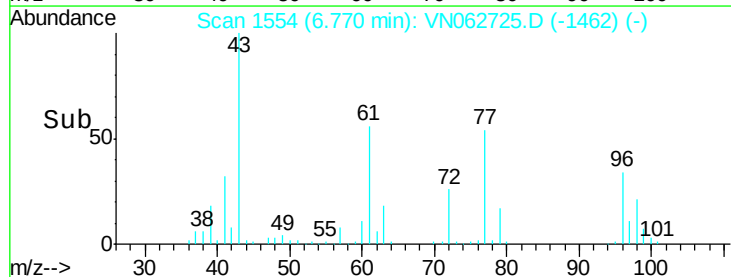
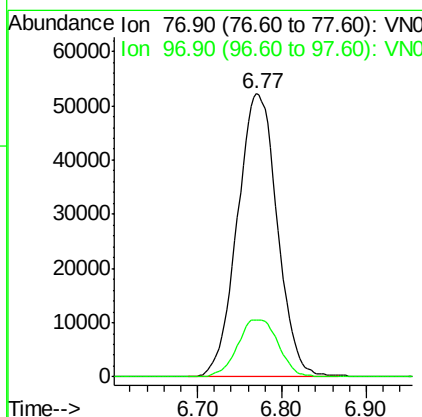
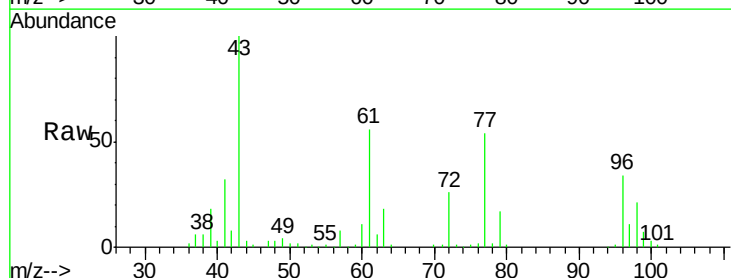
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

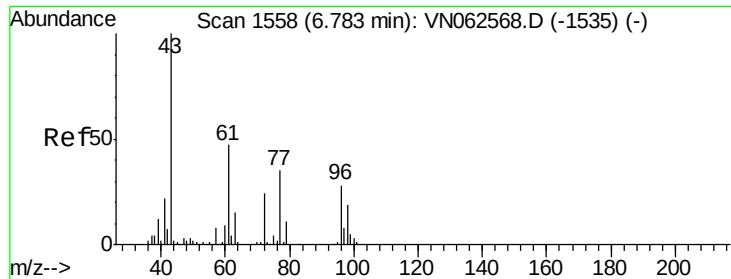
Tot Ion: 43 Resp: 338897
 Ion Ratio Lower Upper
 43 100
 72 26.4 19.0 28.6



#26
 2,2-Dichloropropane
 Concen: 54.246 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion: 77 Resp: 171769
 Ion Ratio Lower Upper
 77 100
 97 20.6 10.8 32.4

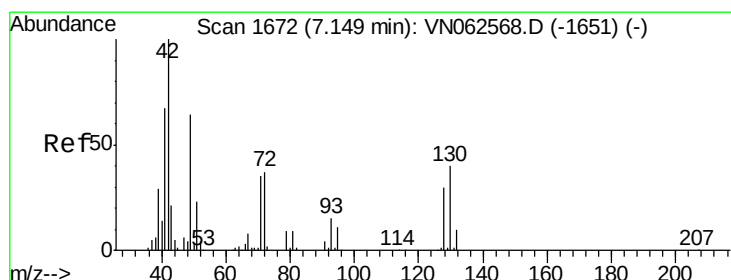
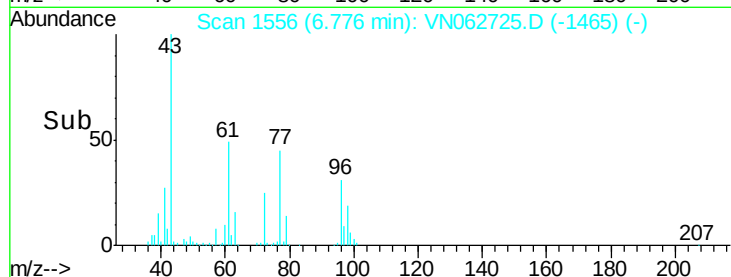
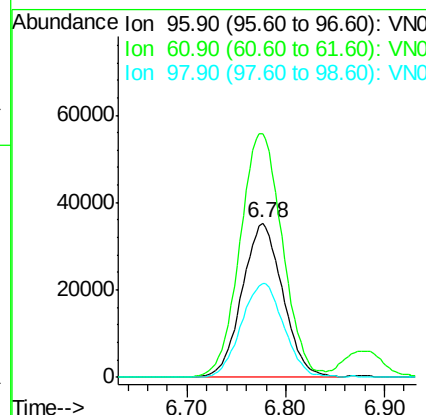
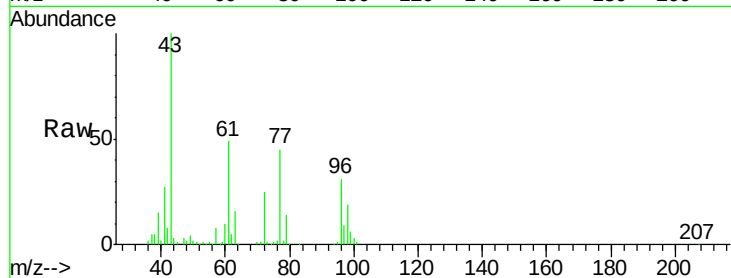




#27
 cis-1,2-Dichloroethene
 Concen: 47.769 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

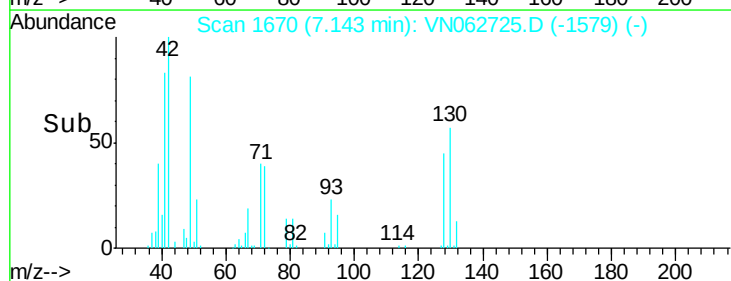
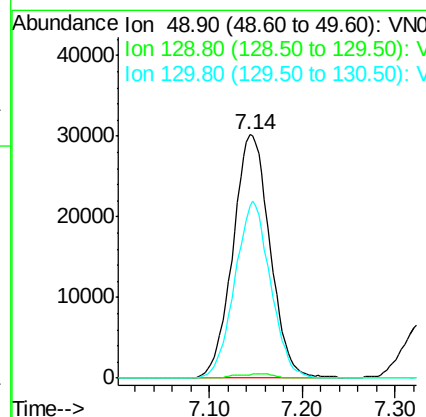
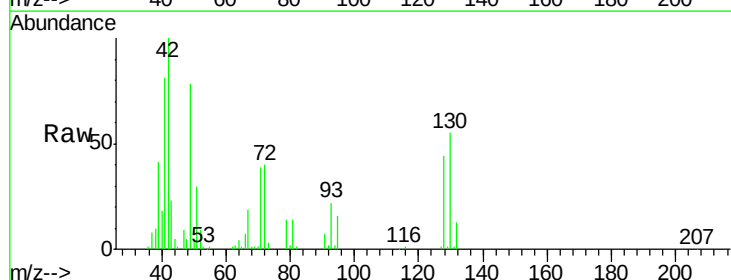
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

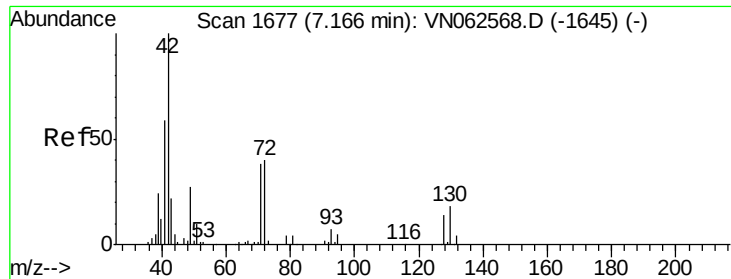
Tot Ion: 96 Resp: 100786
 Ion Ratio Lower Upper
 96 100
 61 165.2 0.0 332.4
 98 63.6 0.0 127.4



#28
 Bromochloromethane
 Concen: 44.094 ug/l
 RT: 7.14 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion: 49 Resp: 83702
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 3.4
 130 69.7 49.8 74.8

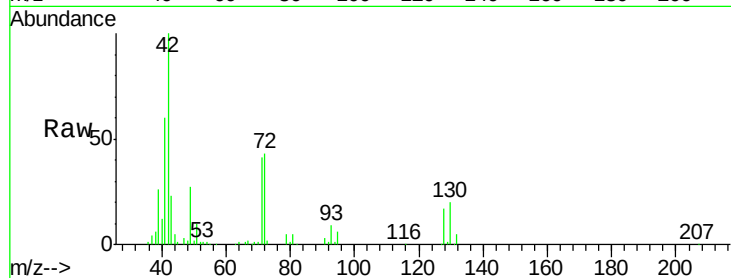




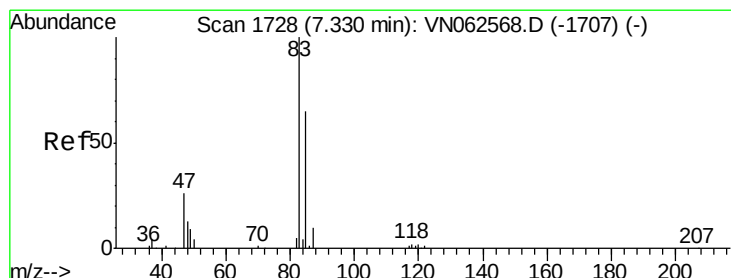
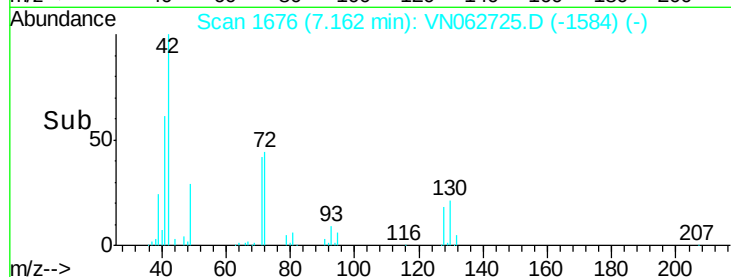
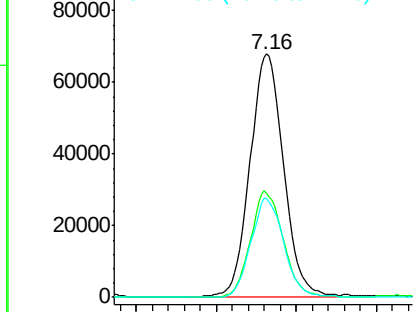
#29
Tetrahydrofuran
Concen: 209.175 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 196058
Ion Ratio Lower Upper
42 100
72 42.1 30.7 46.1
71 39.8 29.1 43.7

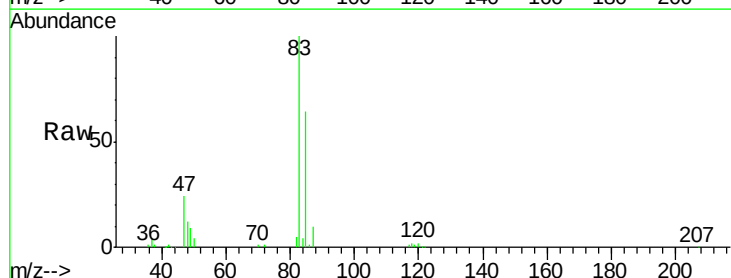


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

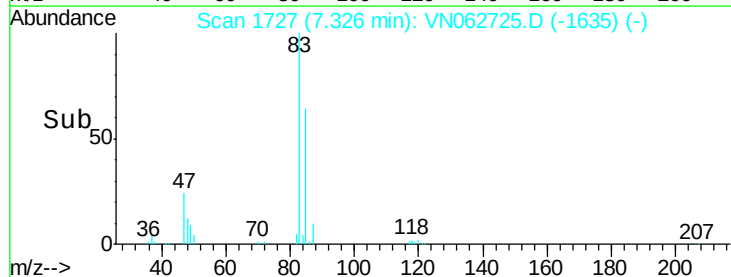
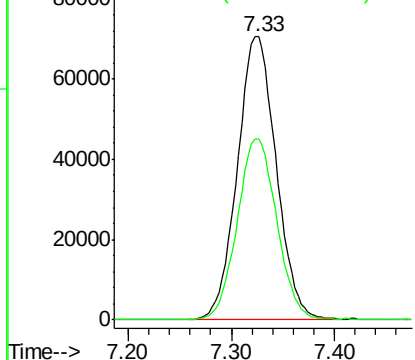


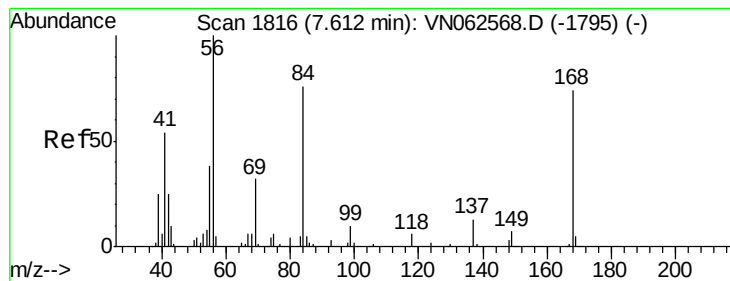
#30
Chloroform
Concen: 50.515 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion: 83 Resp: 185261
Ion Ratio Lower Upper
83 100
85 63.9 52.0 78.0



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





#31

Cyclohexane

Concen: 42.372 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

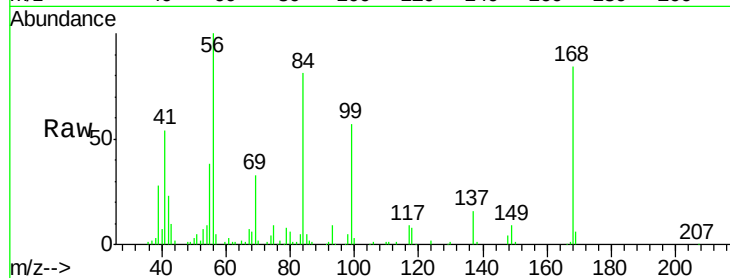
Tot Ion: 56 Resp: 150902

Ion Ratio Lower Upper

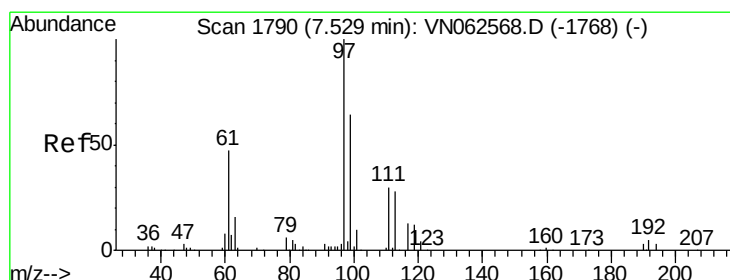
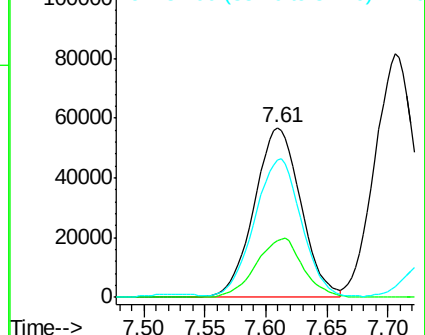
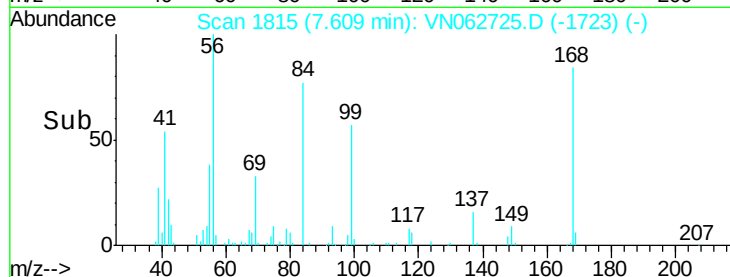
56 100

69 33.0 25.3 37.9

84 79.5 61.0 91.4



Abundance Ion 56.00 (55.70 to 56.70): VN062725.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 55.042 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

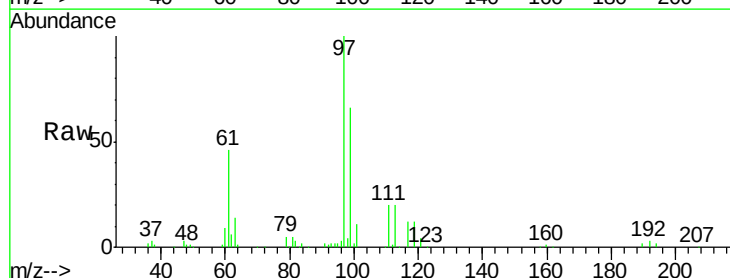
Tgt Ion: 97 Resp: 168537

Ion Ratio Lower Upper

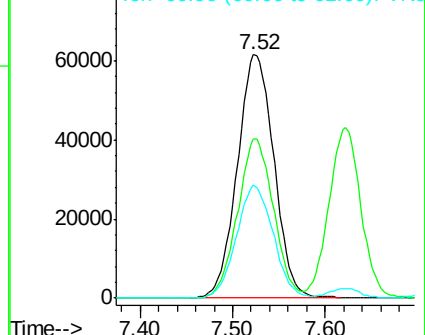
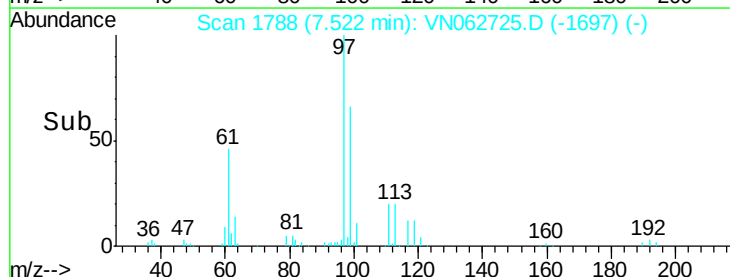
97 100

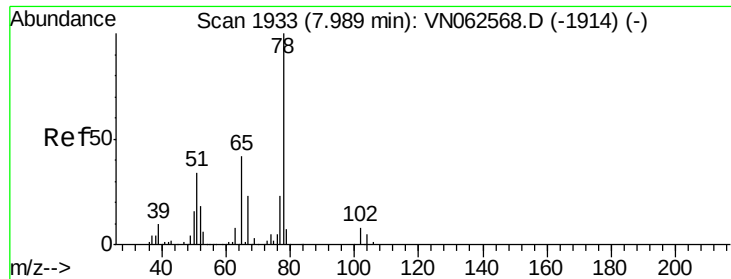
99 63.8 51.2 76.8

61 46.4 38.4 57.6



Abundance Ion 96.90 (96.60 to 97.60): VN062725.D (-1697) (-)

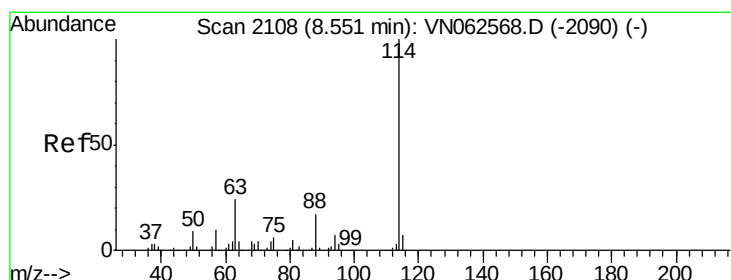
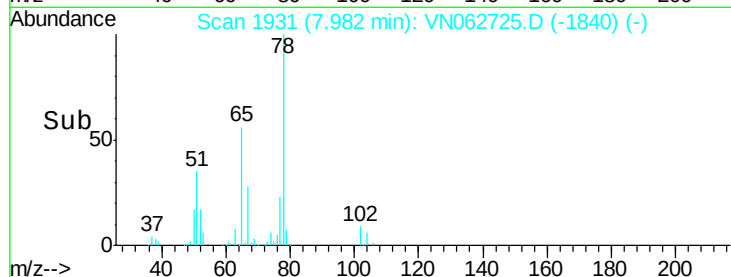
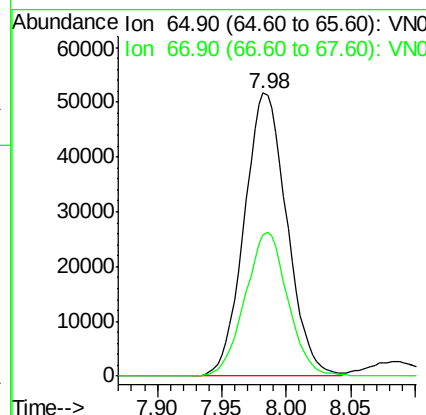
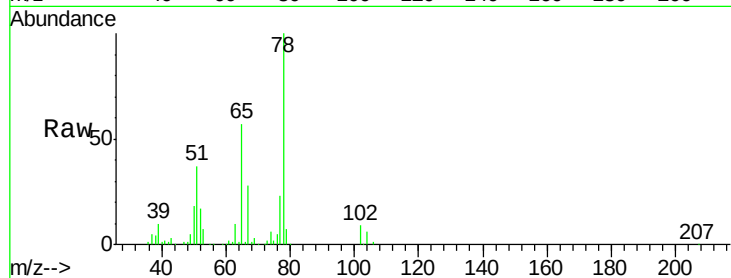




#33
 1,2-Dichloroethane-d4
 Concen: 49.363 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

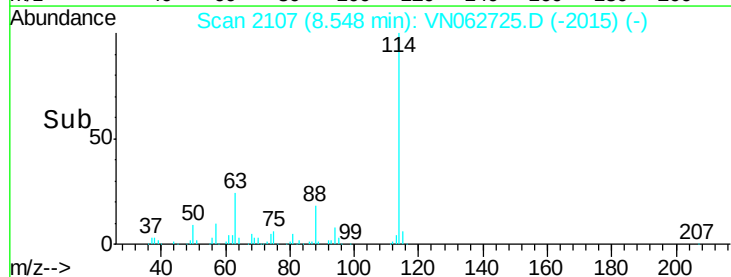
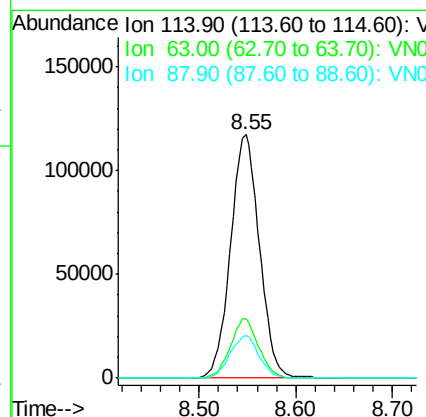
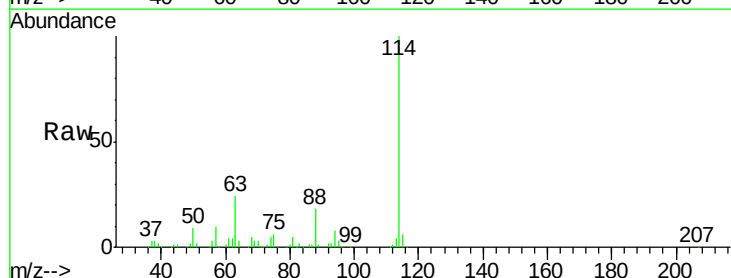
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

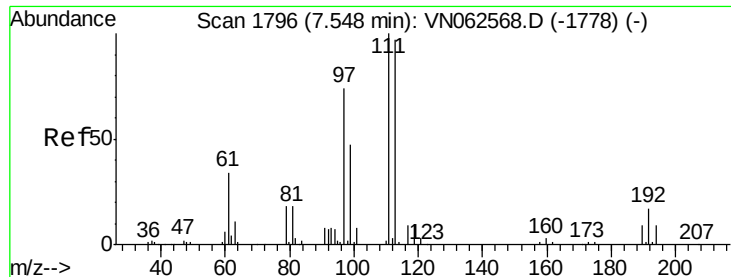
Tot Ion: 65 Resp: 119309
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion: 114 Resp: 242995
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.4
 88 17.6 0.0 33.8

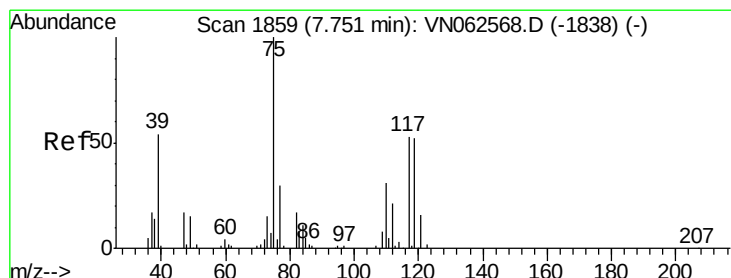
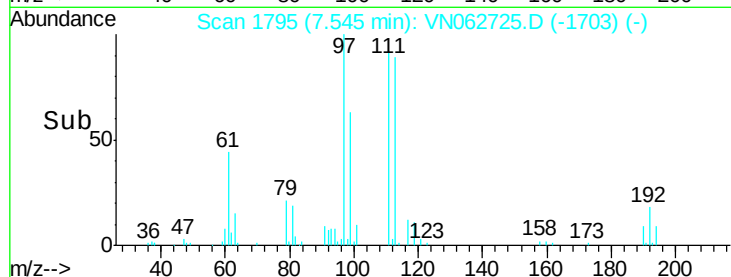
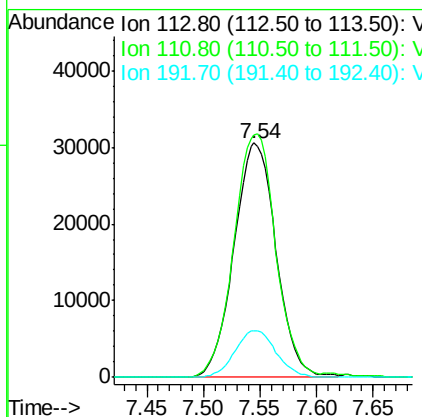
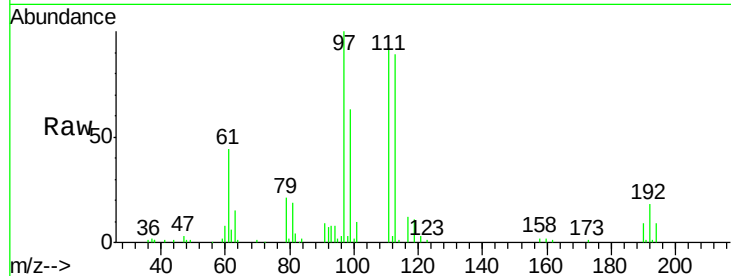




#35
 Dibromofluoromethane
 Concen: 49.465 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

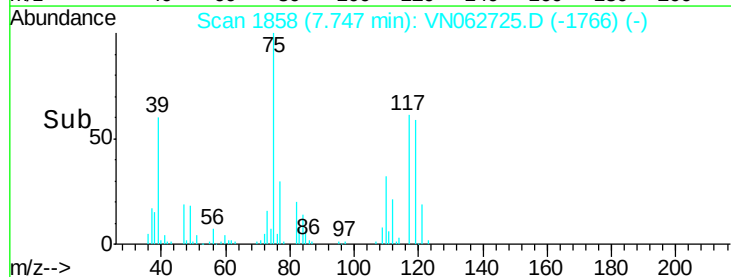
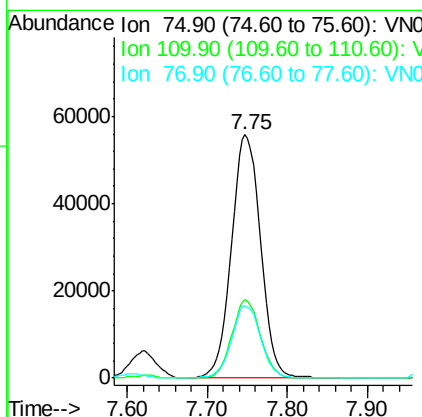
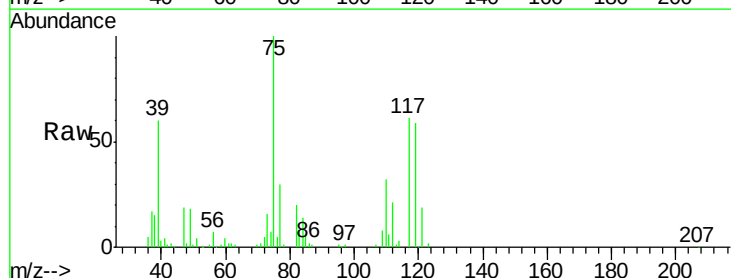
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

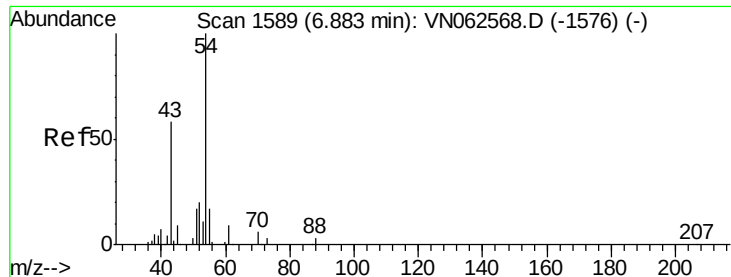
Tot Ion:113 Resp: 78952
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.7 124.1
 192 19.4 14.8 22.2



#36
 1,1-Dichloropropene
 Concen: 53.042 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion: 75 Resp: 137383
 Ion Ratio Lower Upper
 75 100
 110 31.4 16.0 48.0
 77 30.0 24.6 36.8

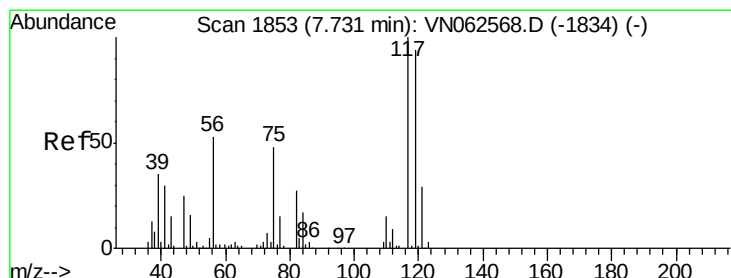
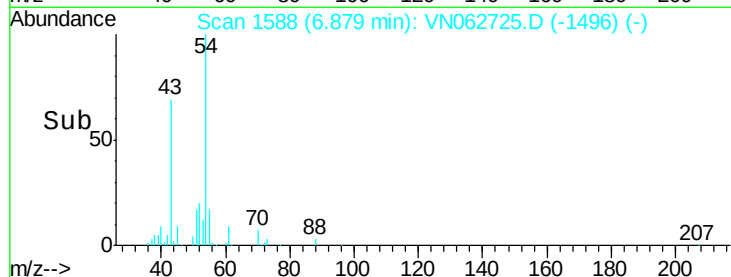
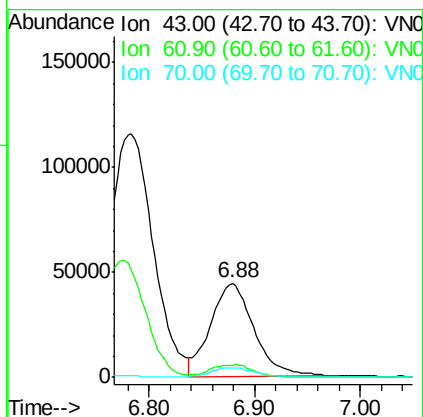
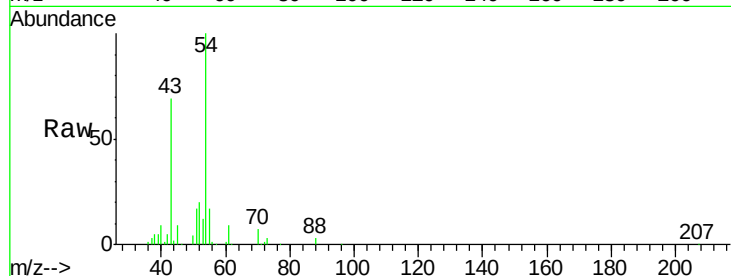




#37
Ethyl Acetate
Concen: 45.360 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

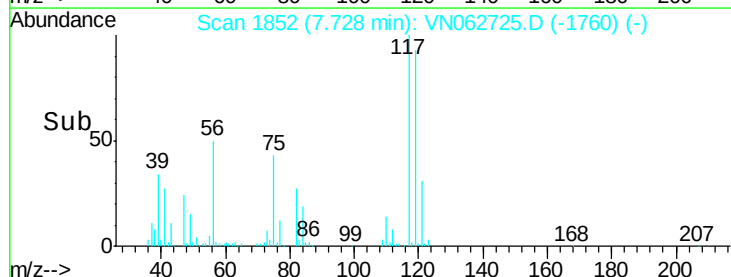
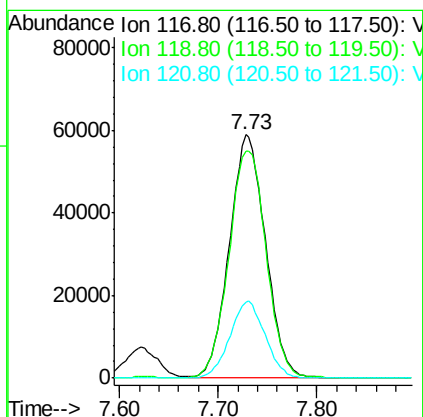
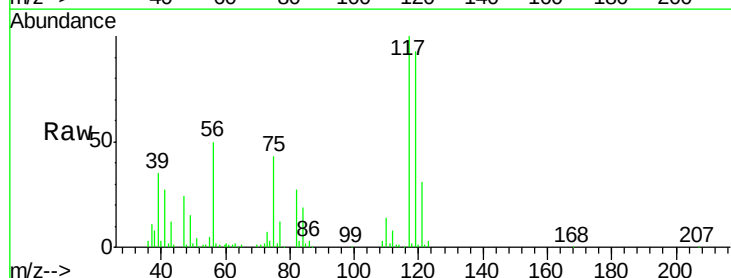
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

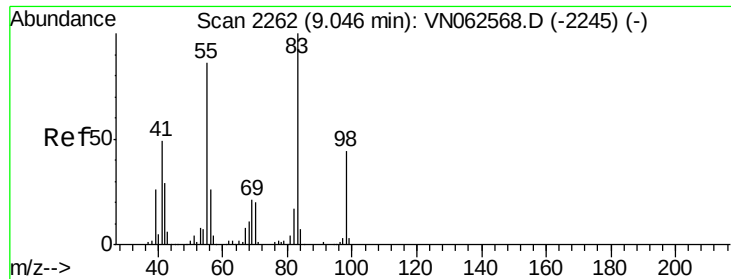
Tot Ion: 43 Resp: 126642
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 10.4 7.7 11.5



#38
Carbon Tetrachloride
Concen: 60.342 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion: 117 Resp: 150230
Ion Ratio Lower Upper
117 100
119 92.8 74.8 112.2
121 31.3 23.0 34.6

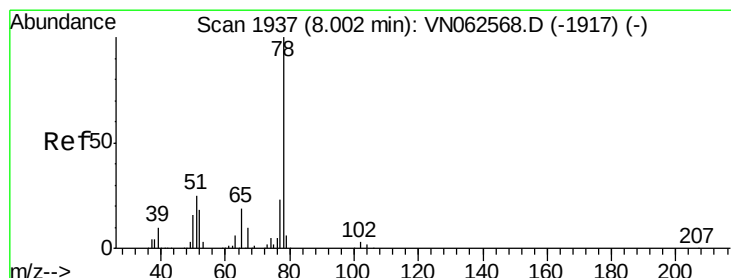
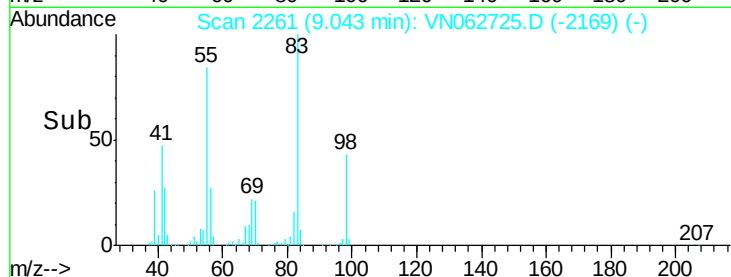
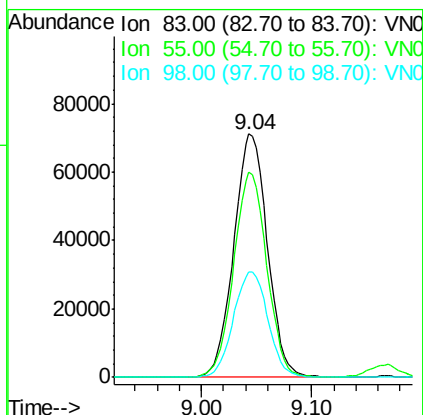
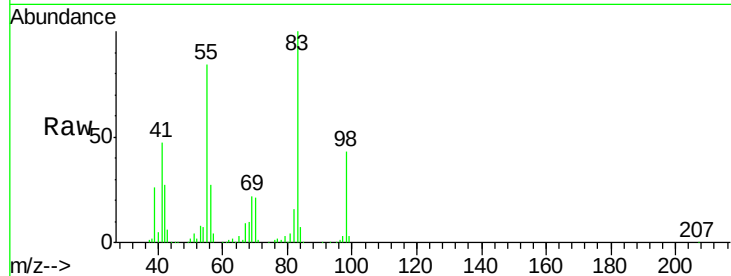




#39
Methylvlcyclohexane
Concen: 53.847 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

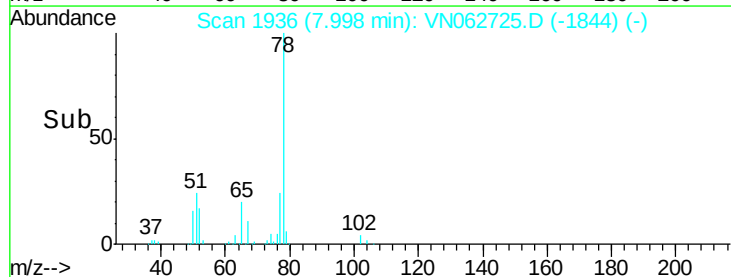
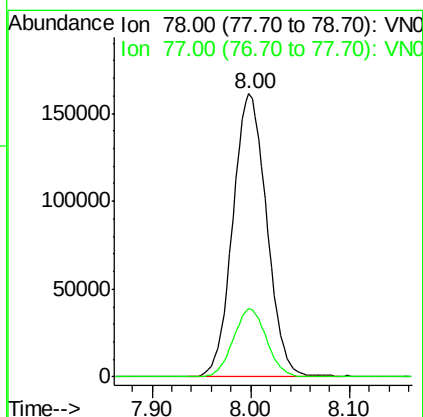
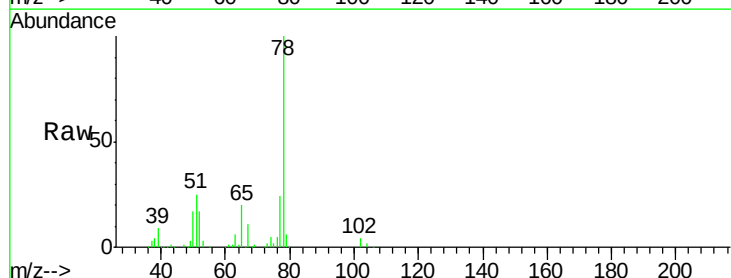
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

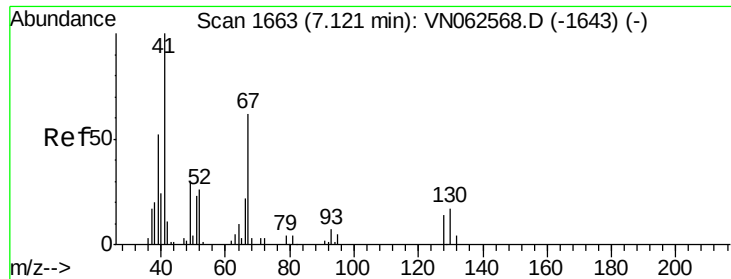
Tot Ion: 83 Resp: 150132
Ion Ratio Lower Upper
83 100
55 84.2 68.9 103.3
98 43.4 35.1 52.7



#40
Benzene
Concen: 48.907 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion: 78 Resp: 383497
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1

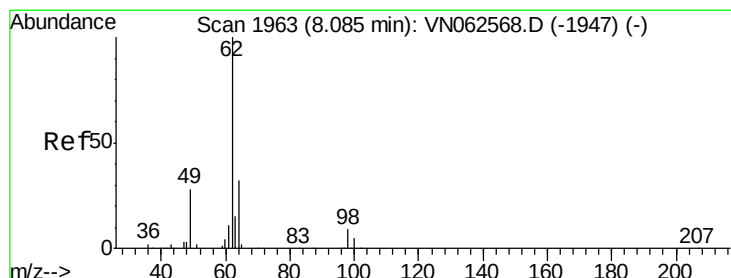
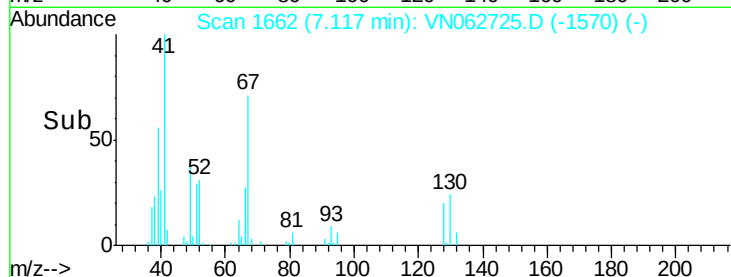
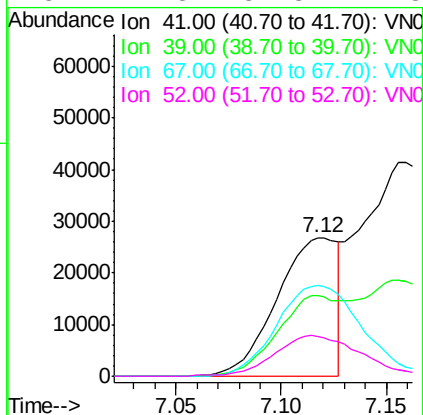
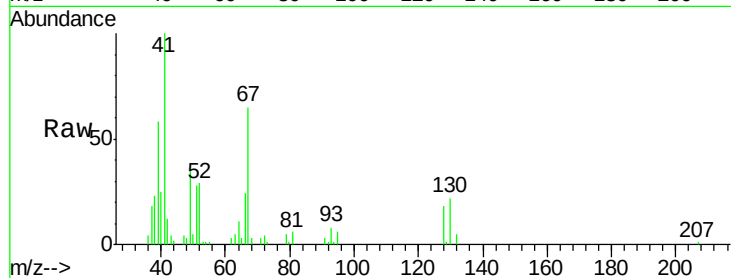




#41
Methacrylonitrile
Concen: 44.646 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

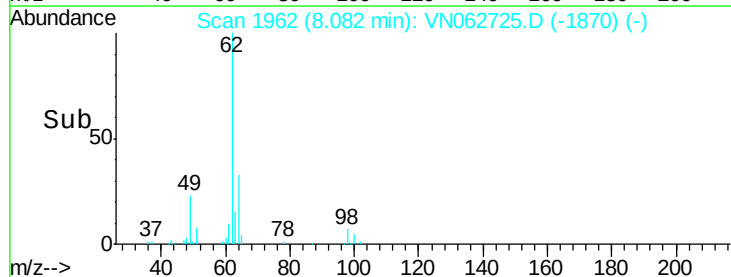
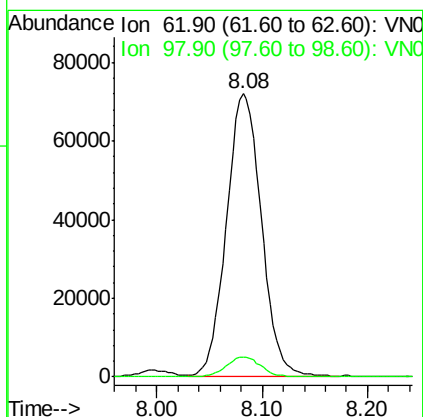
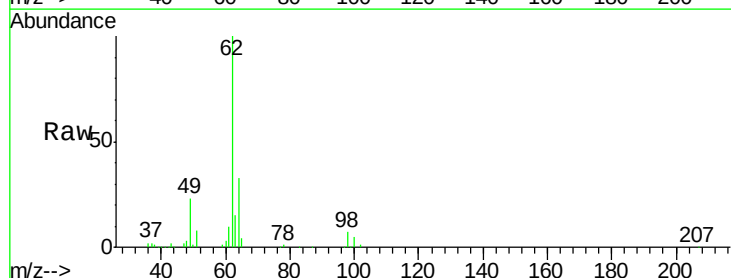
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

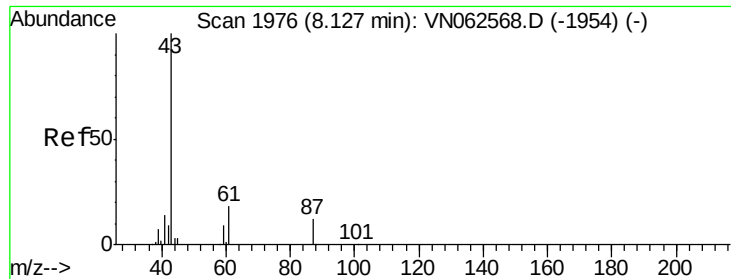
Tot Ion:	41	Resp:	53422
Ion	Ratio	Lower	Upper
41	100		
39	57.0	55.8	83.6
67	92.7	72.5	108.7
52	42.3	31.8	47.8



#42
1,2-Dichloroethane
Concen: 57.613 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion:	62	Resp:	165161
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	16.2





#43

Isopropyl Acetate

Concen: 48.444 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

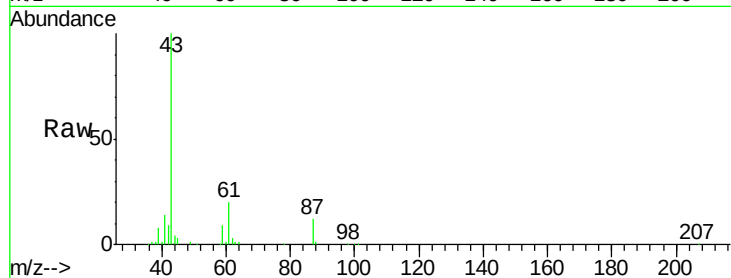
Tot Ion: 43 Resp: 218038

Ion Ratio Lower Upper

43 100

61 19.8 20.8 31.2#

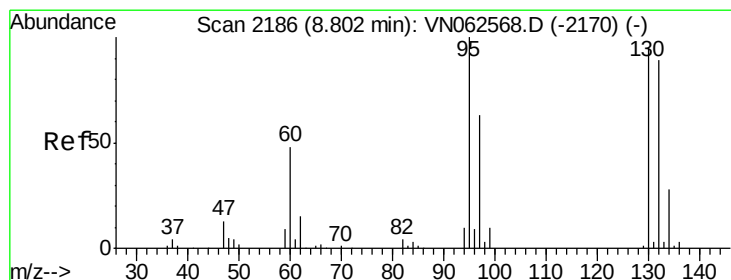
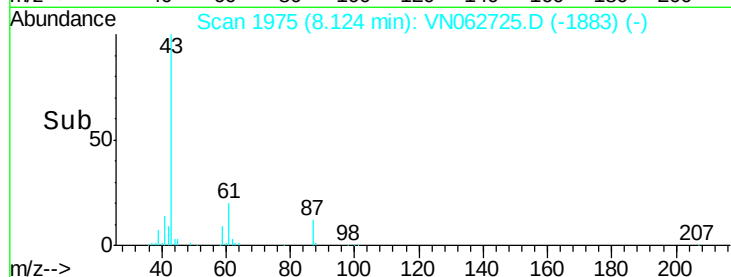
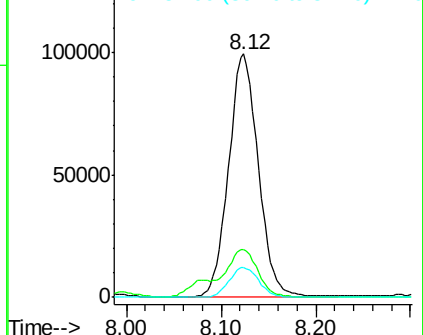
87 12.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062725.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062725.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062725.D (-1883) (-)



#44

Trichloroethene

Concen: 51.938 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062725.D

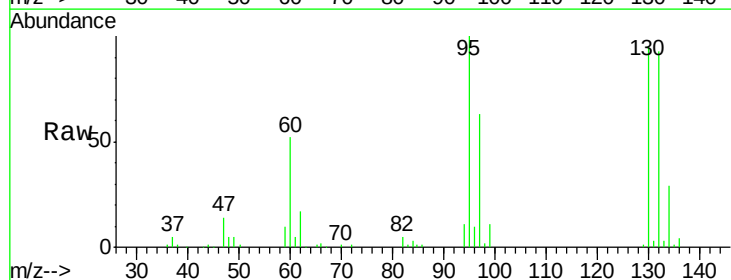
Acq: 3 Aug 2020 9:21

Tgt Ion:130 Resp: 91843

Ion Ratio Lower Upper

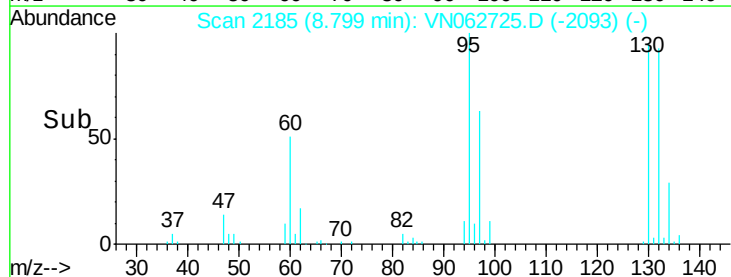
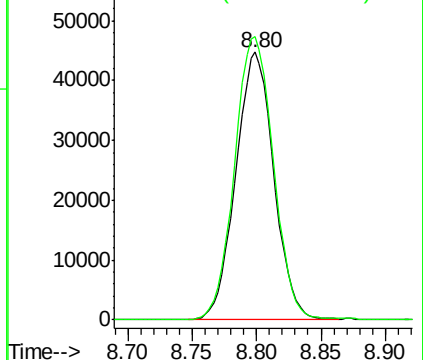
130 100

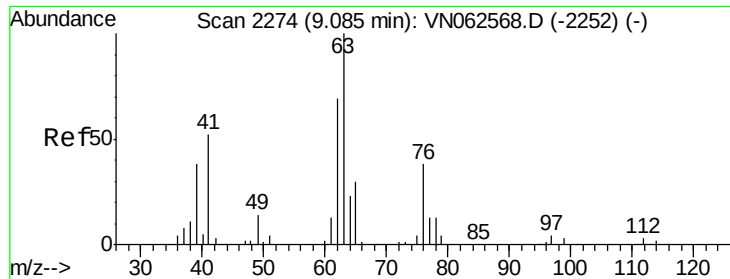
95 105.8 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062725.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062725.D (-2093) (-)

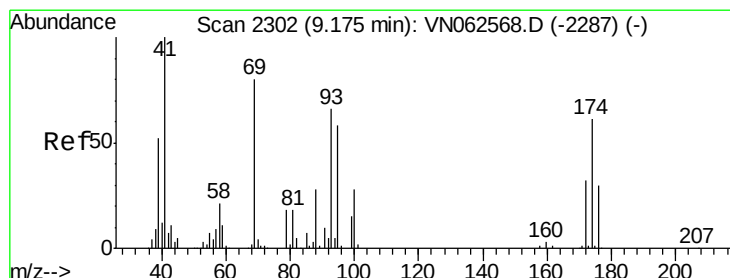
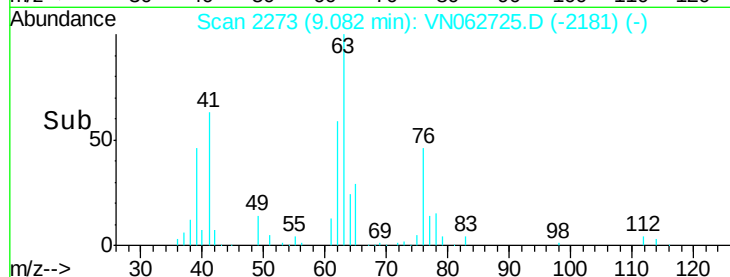
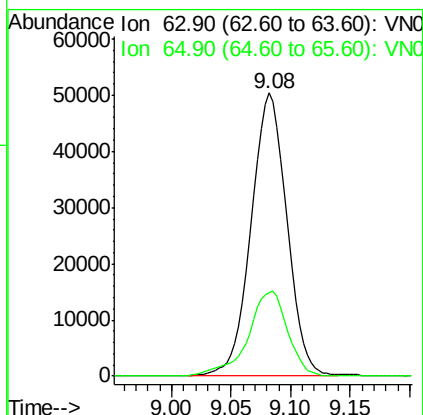
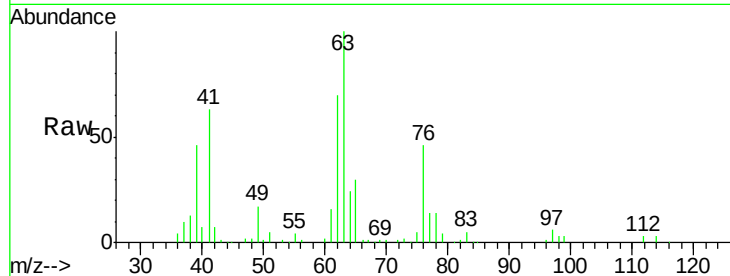




#45
 1,2-Dichloropropane
 Concen: 47.726 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

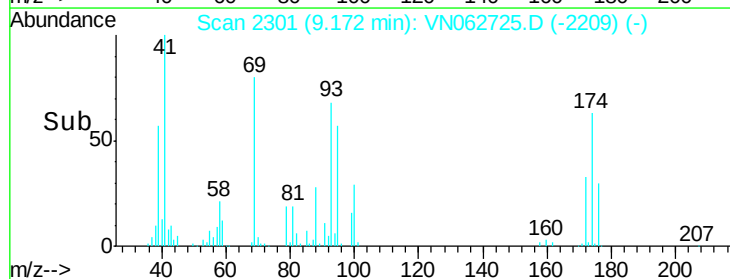
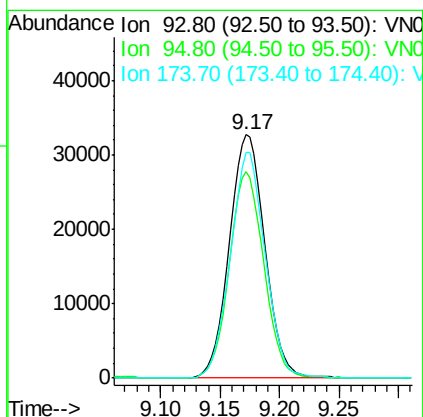
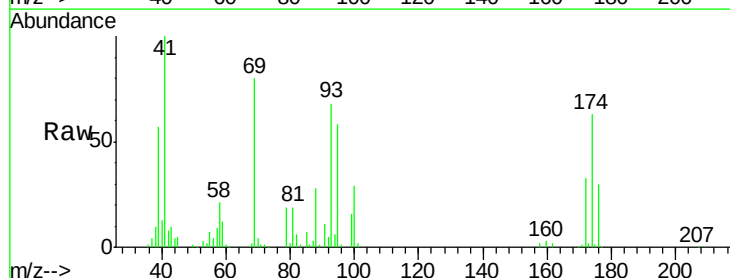
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

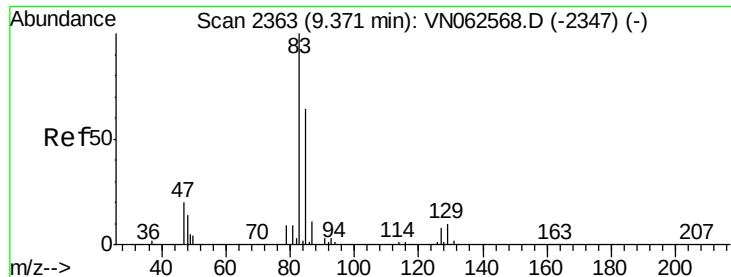
Tot Ion: 63 Resp: 105074
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.4 36.6



#46
 Dibromomethane
 Concen: 53.261 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion: 93 Resp: 67773
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.6 101.4
 174 90.7 72.5 108.7





#47

Bromodichloromethane

Concen: 54.561 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

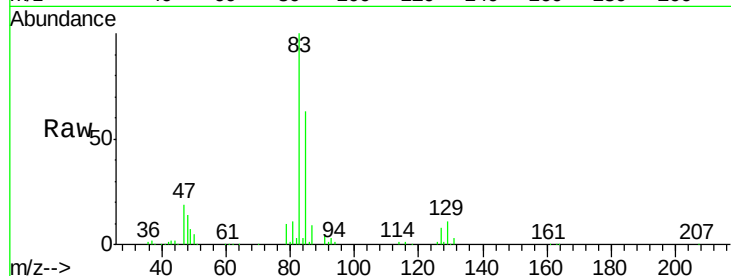
Tot Ion: 83 Resp: 150411

Ion Ratio Lower Upper

83 100

85 63.4 51.6 77.4

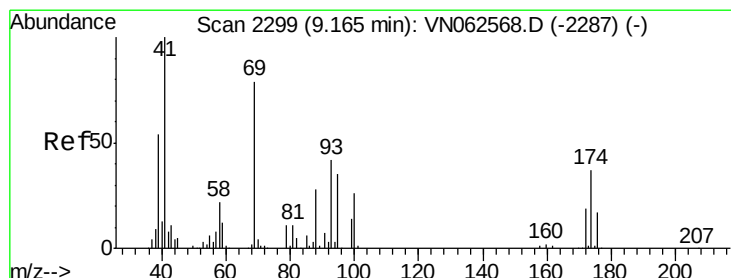
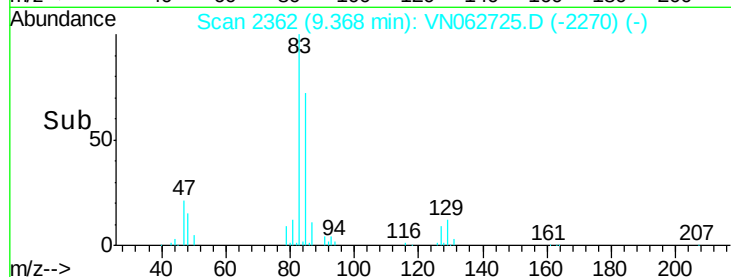
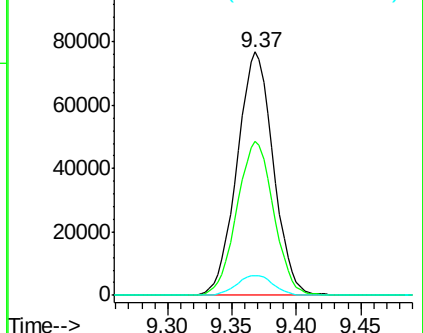
127 8.2 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062725.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062725.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062725.D (-2270) (-)



#48

Methyl methacrylate

Concen: 50.593 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

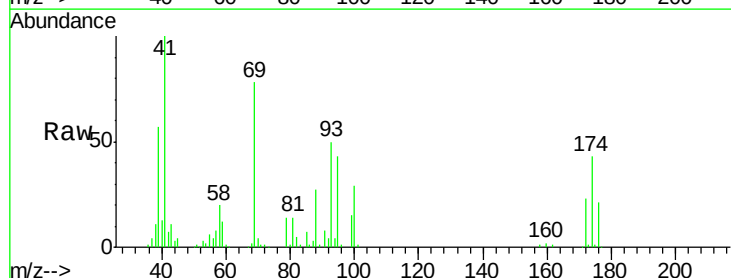
Tgt Ion: 41 Resp: 108246

Ion Ratio Lower Upper

41 100

69 79.7 64.4 96.6

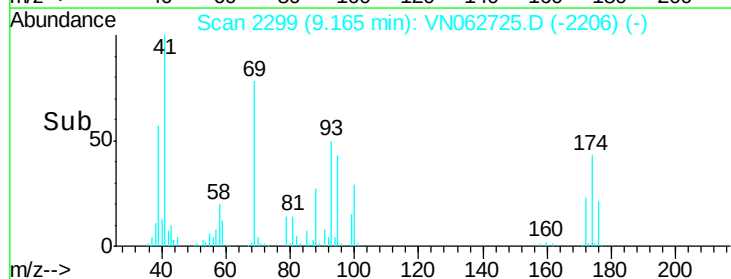
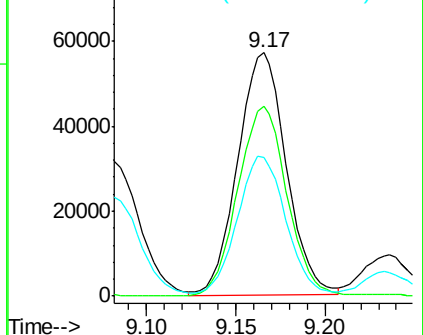
39 58.1 43.5 65.3

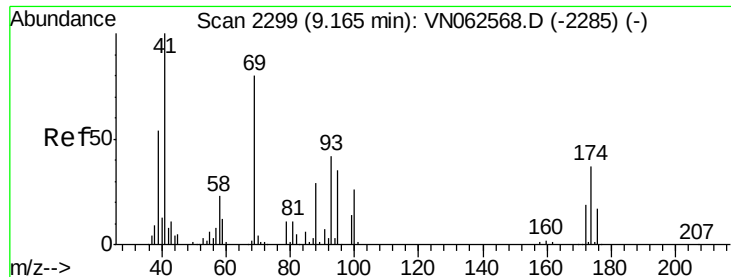


Abundance Ion 41.00 (40.70 to 41.70): VN062725.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062725.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062725.D (-2206) (-)

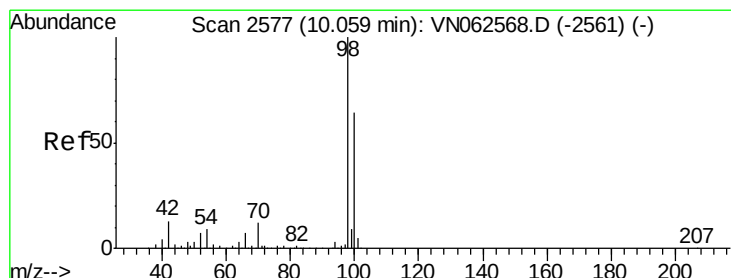
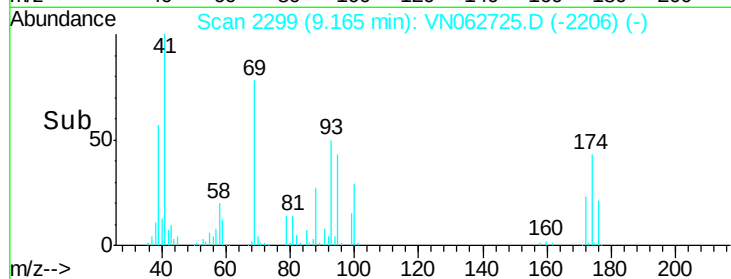
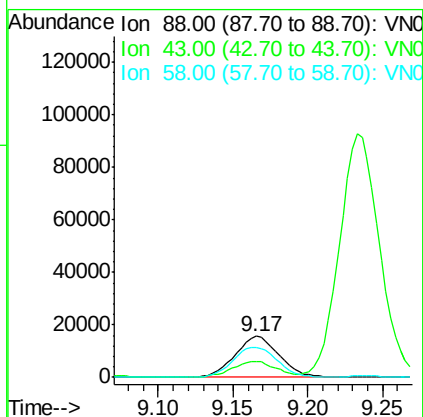
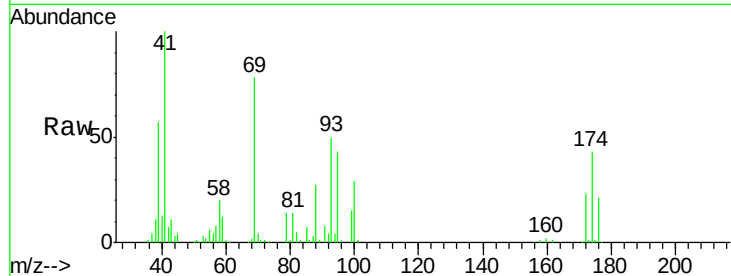




#49
 1,4-Dioxane
 Concen: 968.628 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

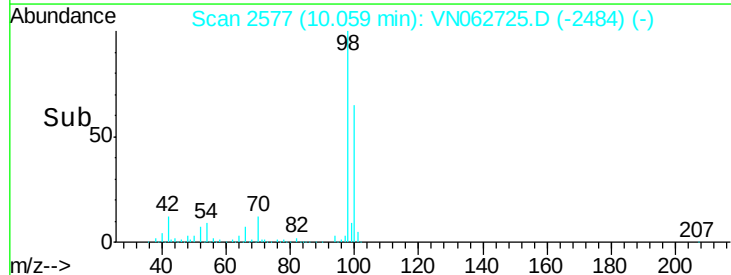
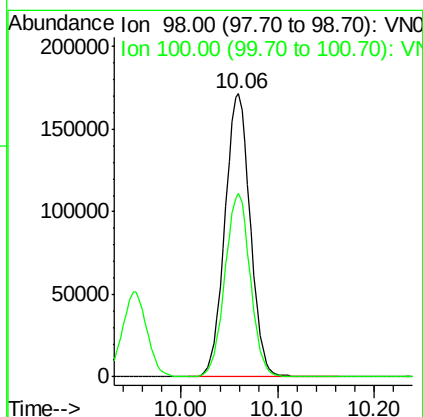
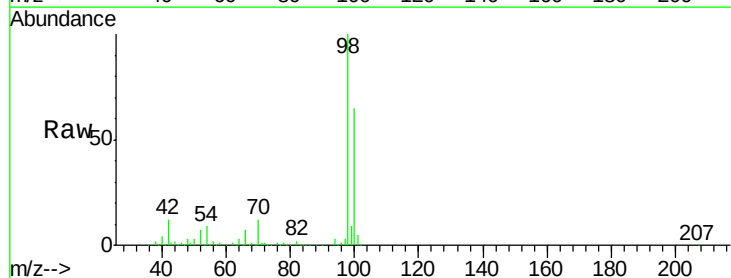
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

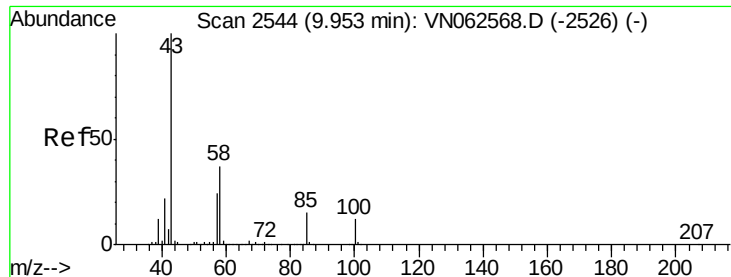
Tot Ion: 88 Resp: 31830
 Ion Ratio Lower Upper
 88 100
 43 37.7 32.0 48.0
 58 74.8 62.8 94.2



#50
 Toluene-d8
 Concen: 49.023 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion: 98 Resp: 312199
 Ion Ratio Lower Upper
 98 100
 100 64.3 50.9 76.3

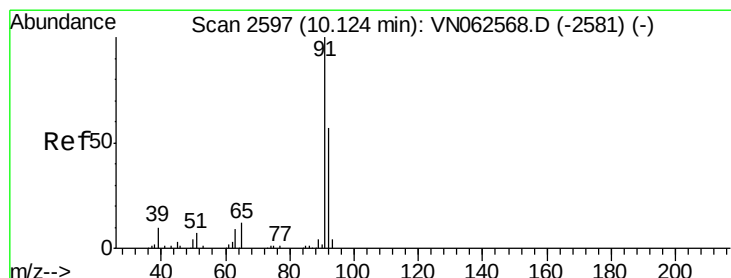
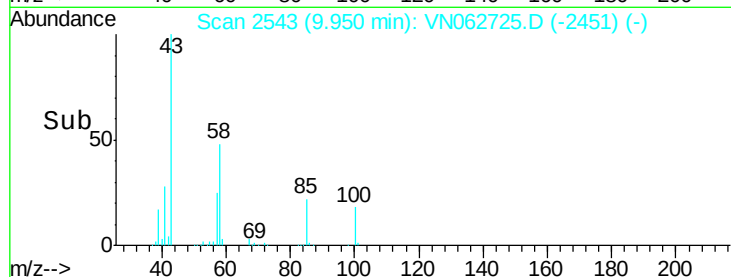
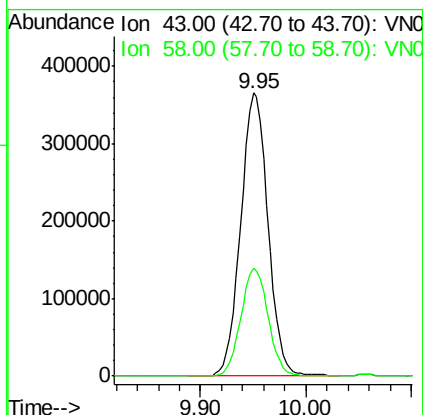
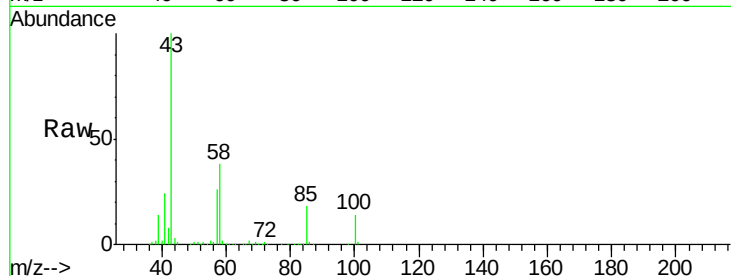




#51
 4-Methyl-2-Pentanone
 Concen: 243.292 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

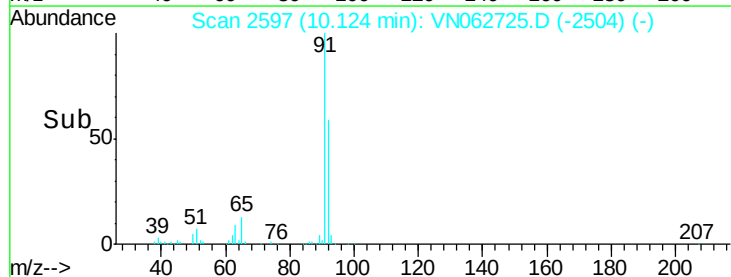
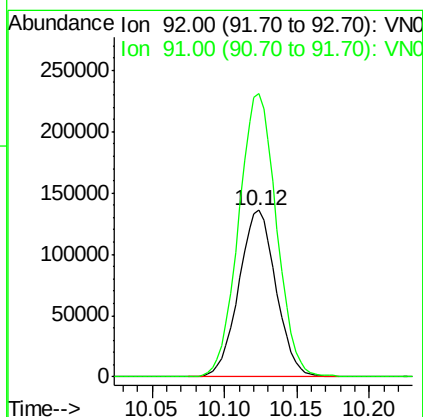
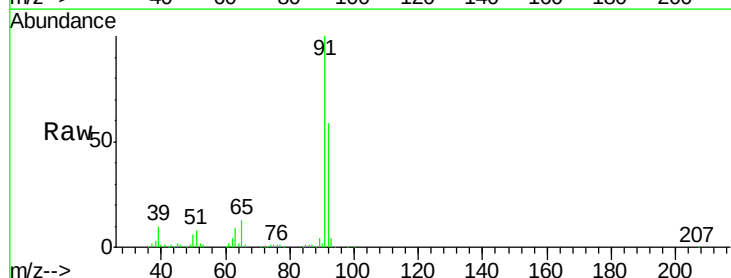
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

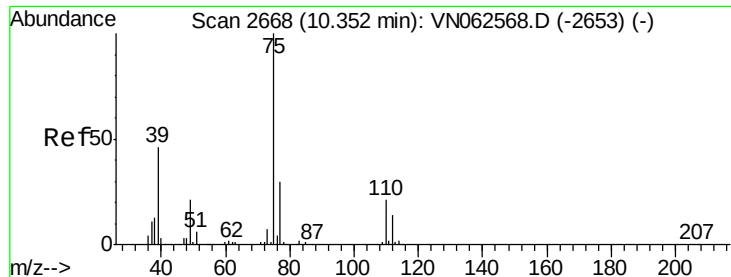
Tot Ion: 43 Resp: 655193
 Ion Ratio Lower Upper
 43 100
 58 38.4 29.8 44.6



#52
 Toluene
 Concen: 53.377 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion: 92 Resp: 243037
 Ion Ratio Lower Upper
 92 100
 91 172.4 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 55.235 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampled :

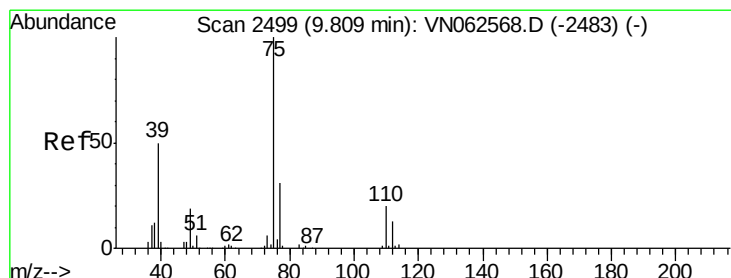
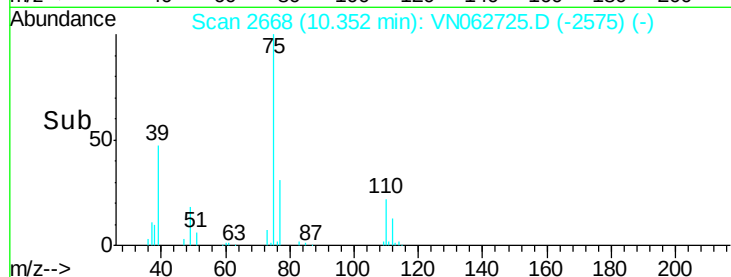
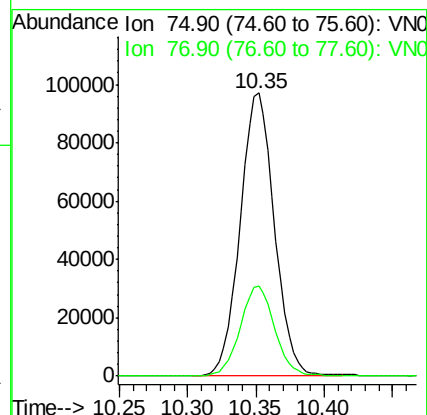
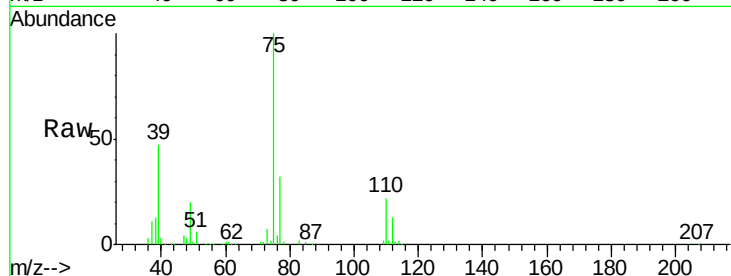
VSTDCCC050

Tot Ion: 75 Resp: 169509

Ion Ratio Lower Upper

75 100

77 31.7 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 53.733 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

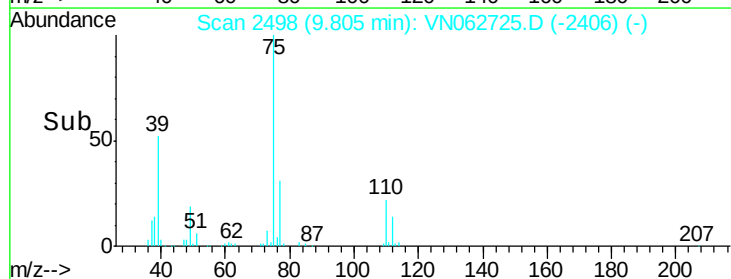
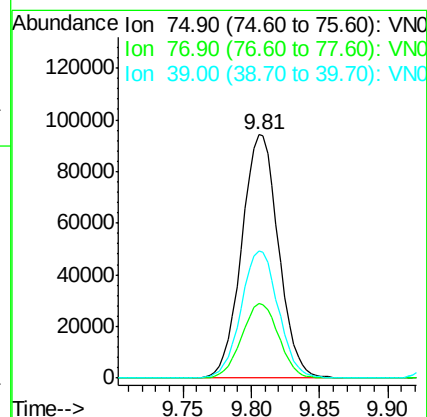
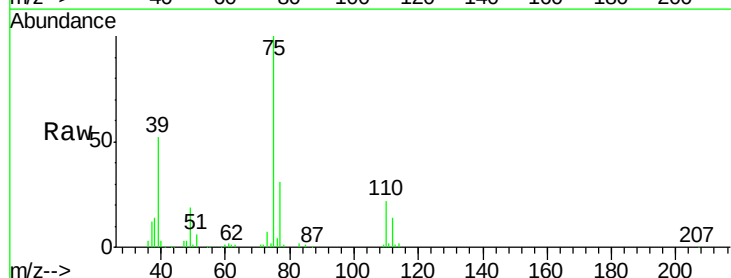
Tgt Ion: 75 Resp: 176944

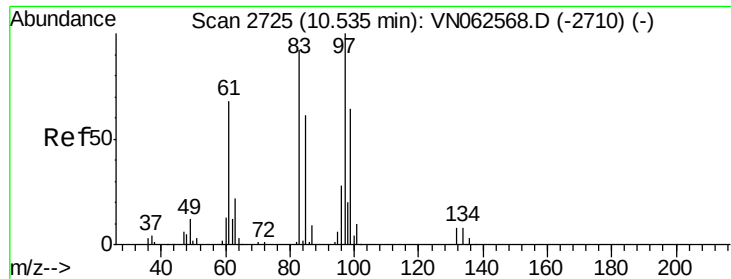
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6

39 52.1 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 53.748 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 97 Resp: 94926

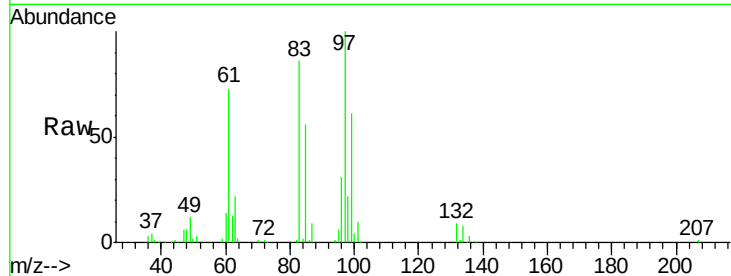
Ion Ratio Lower Upper

97 100

83 86.5 73.7 110.5

85 56.0 48.5 72.7

99 61.4 50.8 76.2



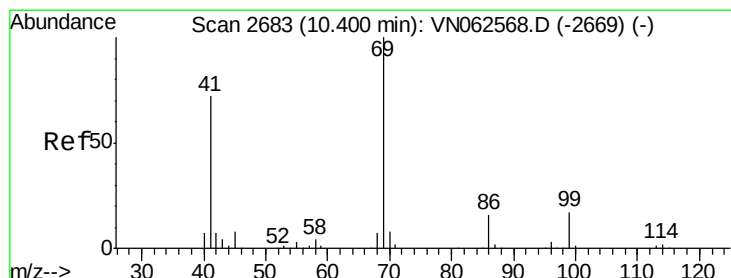
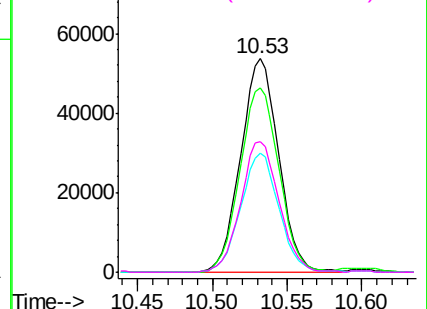
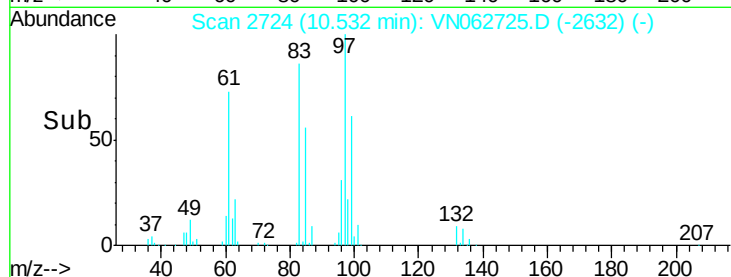
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 48.361 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

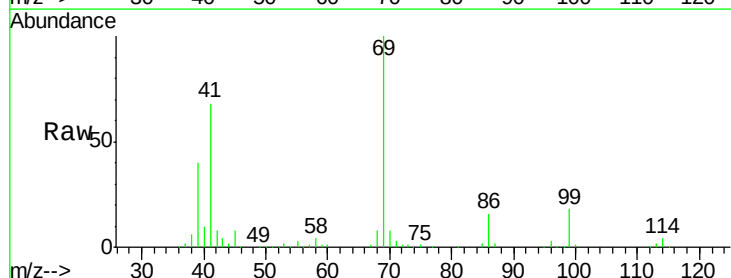
Tgt Ion: 69 Resp: 153177

Ion Ratio Lower Upper

69 100

41 68.6 57.2 85.8

39 39.7 28.6 43.0

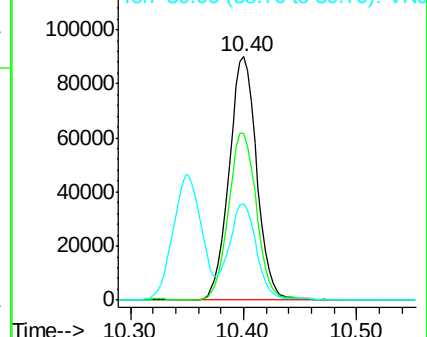
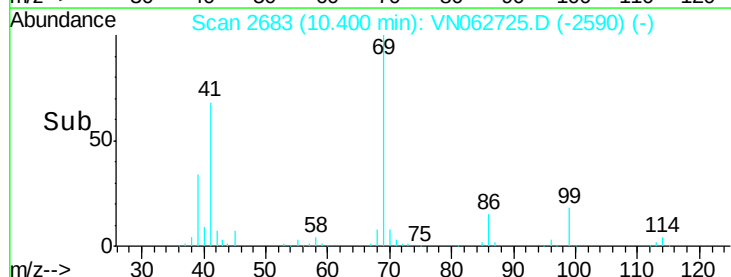


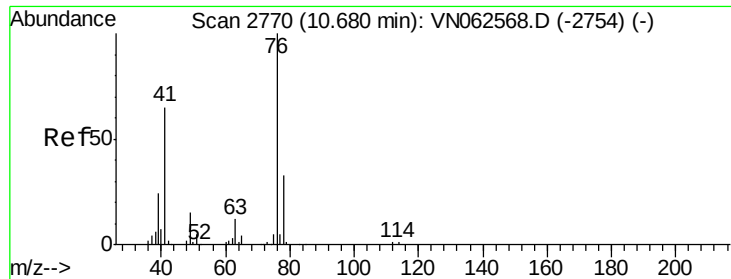
Abundance

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

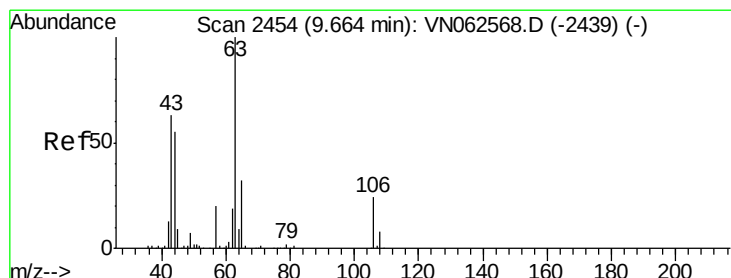
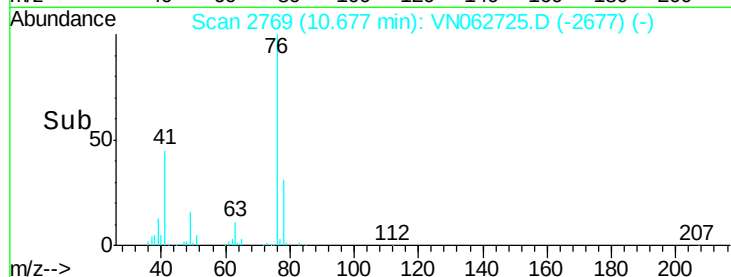
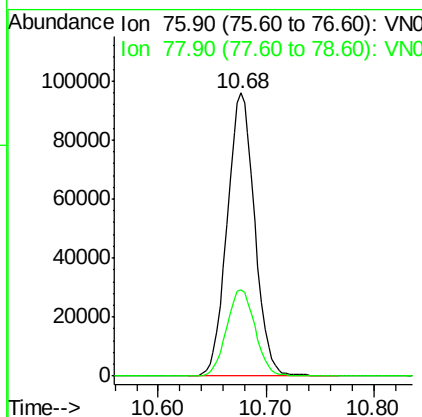
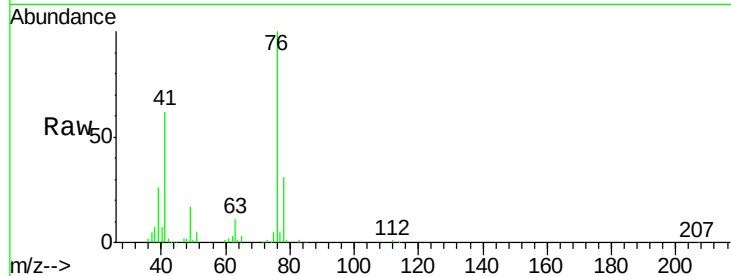




#57
 1,3-Dichloropropane
 Concen: 52.583 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

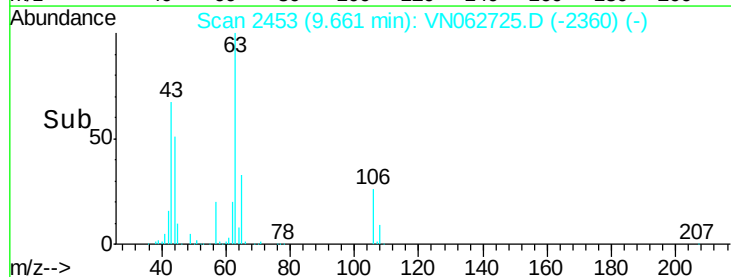
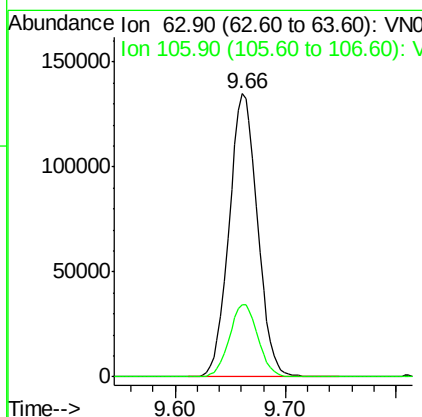
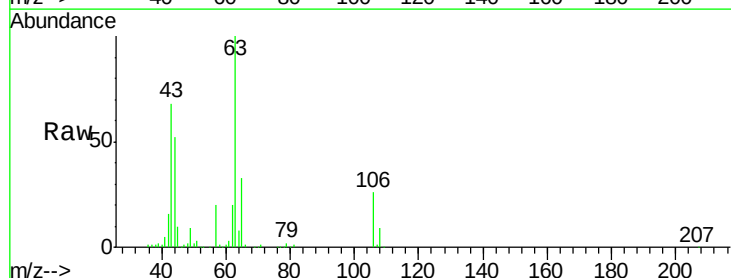
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

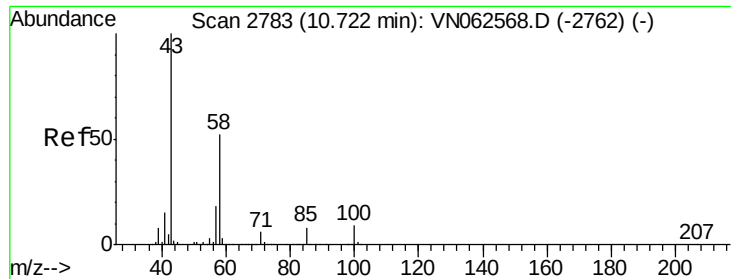
Tot Ion: 76 Resp: 170137
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.153 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion: 63 Resp: 241137
 Ion Ratio Lower Upper
 63 100
 106 25.6 18.9 28.3

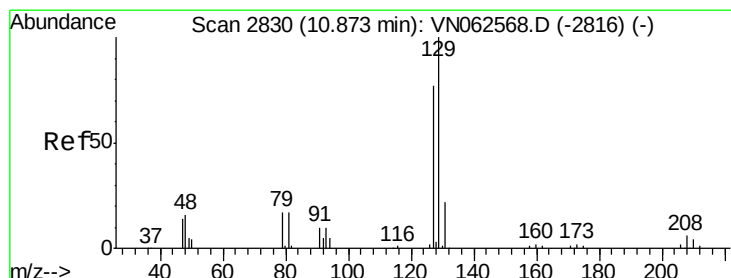
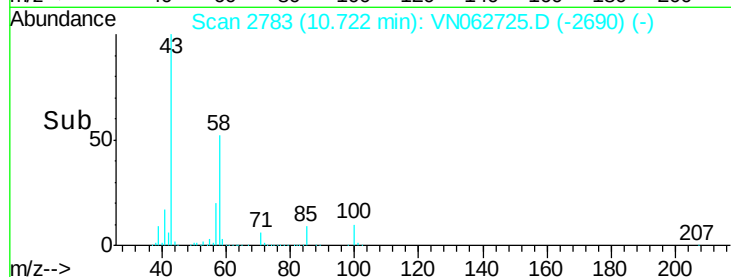
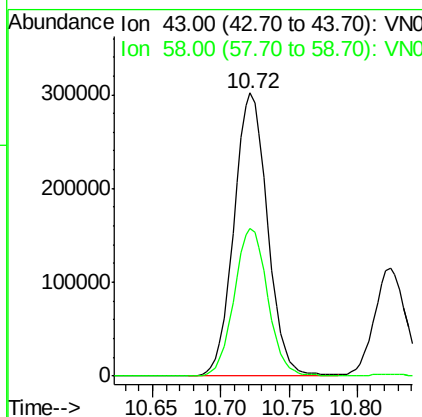
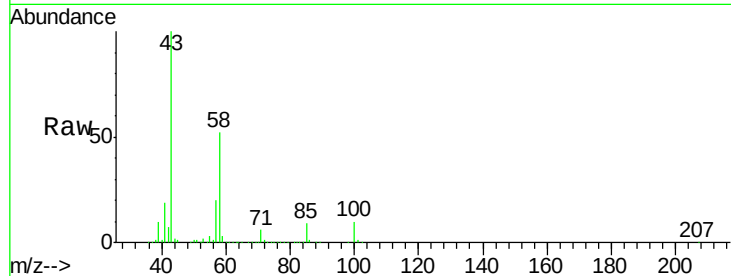




#59
2-Hexanone
Concen: 246.478 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

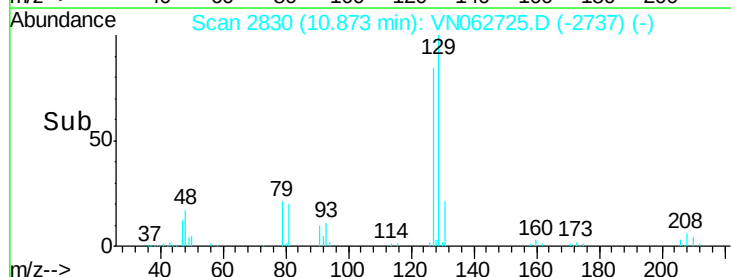
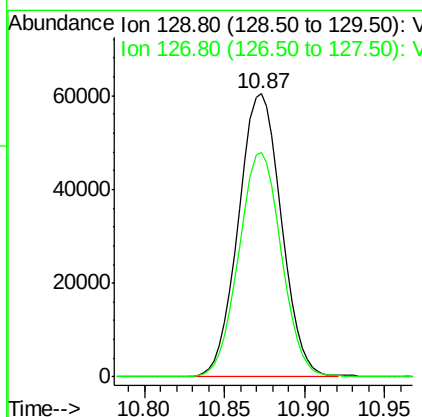
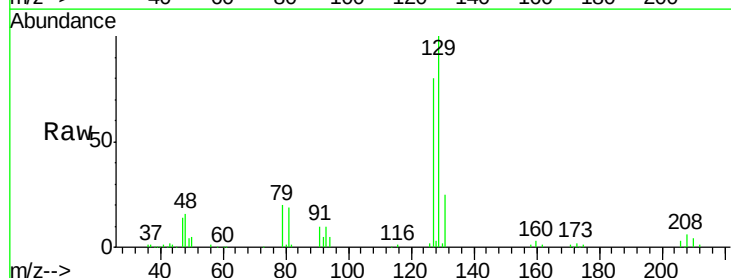
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

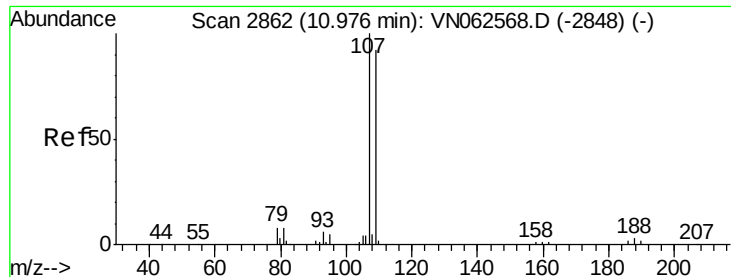
Tot Ion: 43 Resp: 513253
Ion Ratio Lower Upper
43 100
58 52.4 26.0 78.0



#60
Dibromochloromethane
Concen: 56.299 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion: 129 Resp: 110926
Ion Ratio Lower Upper
129 100
127 78.4 38.0 113.9

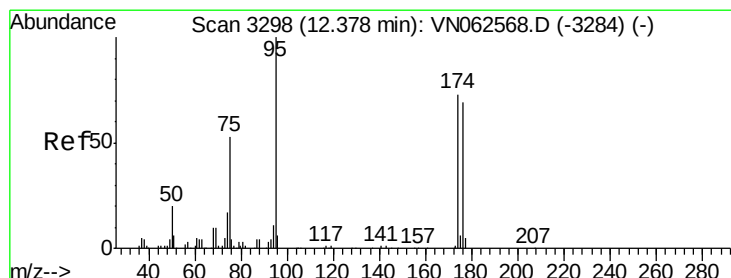
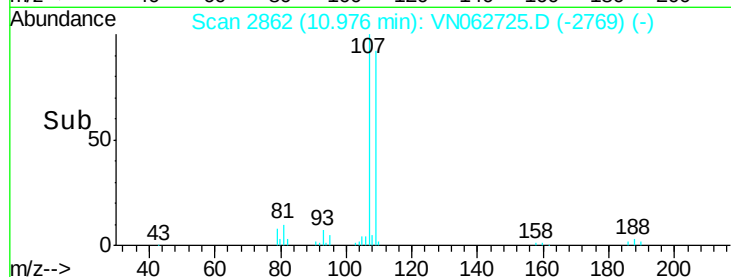
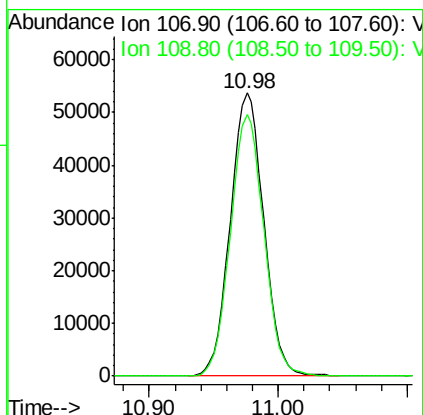
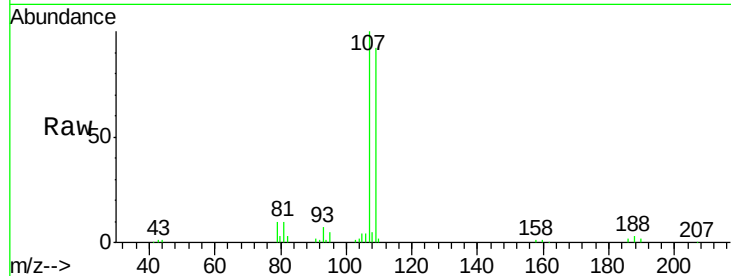




#61
 1,2-Dibromoethane
 Concen: 52.577 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

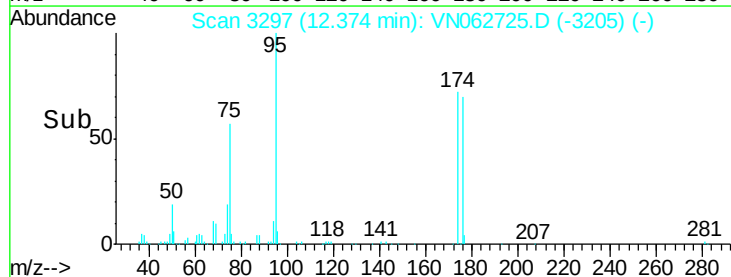
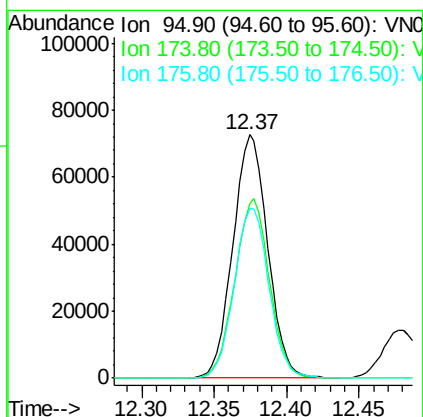
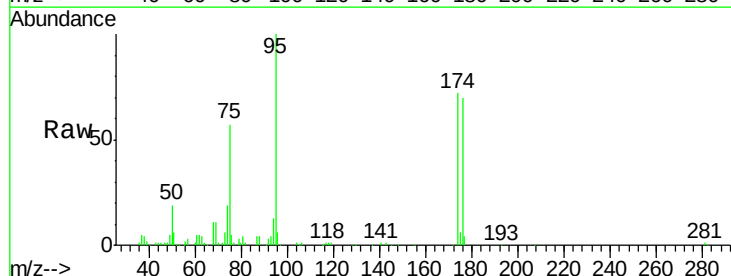
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

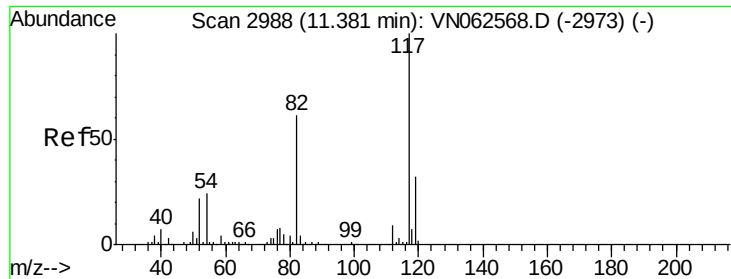
Tot Ion:107 Resp: 96694
 Ion Ratio Lower Upper
 107 100
 109 92.7 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 51.839 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion: 95 Resp: 120712
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 144.6
 176 70.0 0.0 139.4

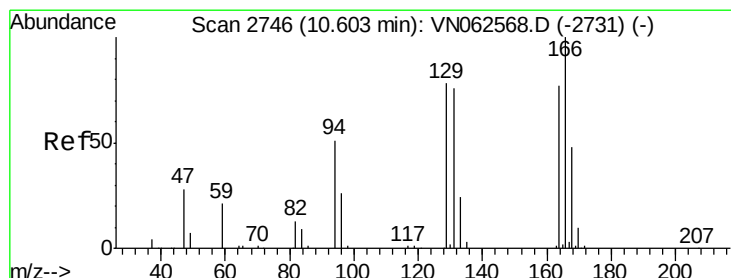
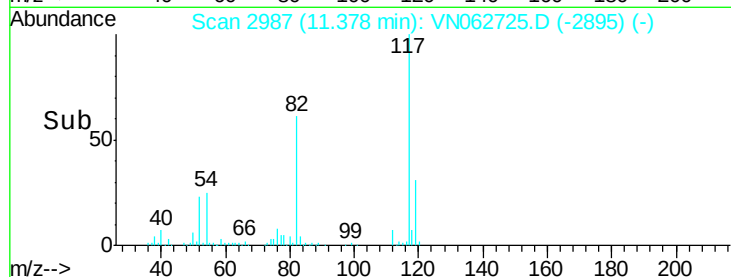
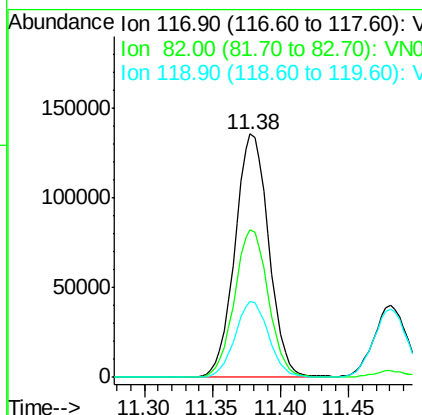
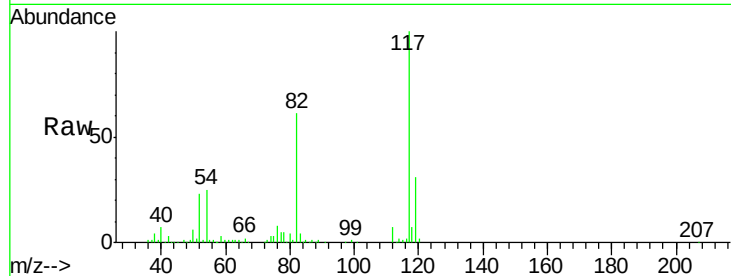




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

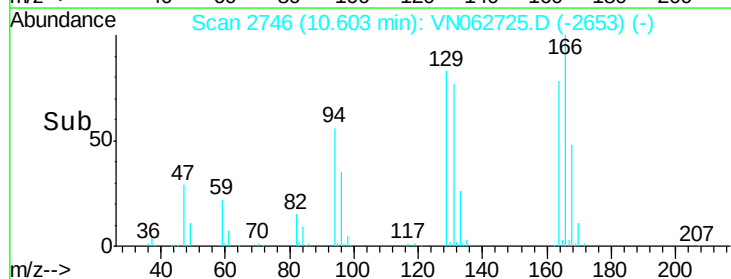
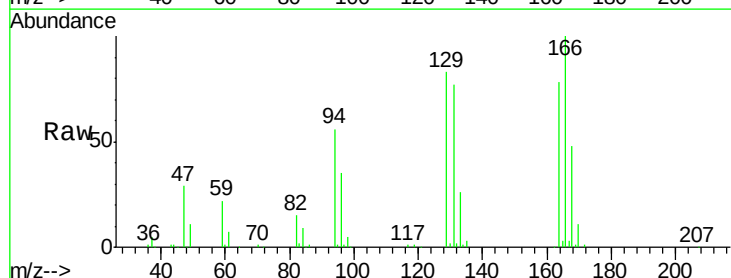
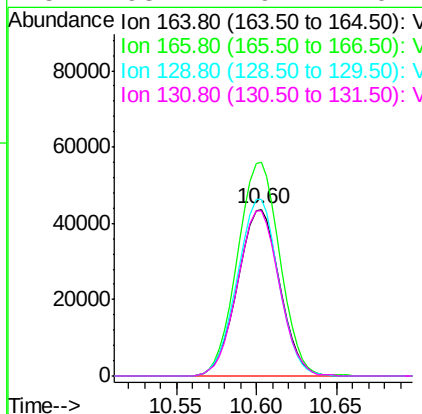
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

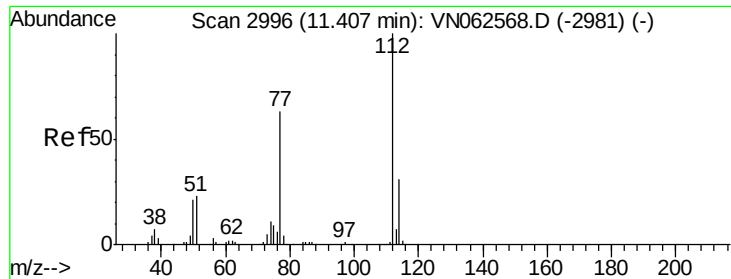
Tot Ion:117 Resp: 233575
Ion Ratio Lower Upper
117 100
82 60.9 49.0 73.6
119 31.0 25.4 38.2



#64
Tetrachloroethene
Concen: 51.635 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion:164 Resp: 78362
Ion Ratio Lower Upper
164 100
166 127.9 104.4 156.6
129 106.2 81.0 121.4
131 98.7 79.4 119.2

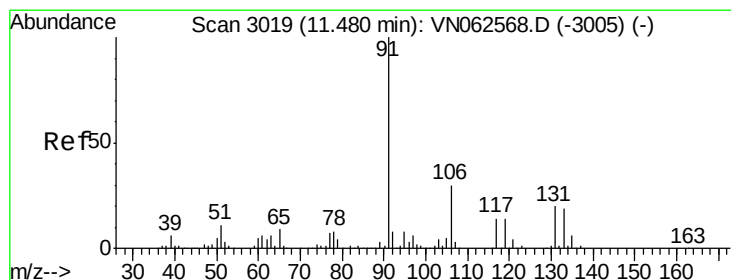
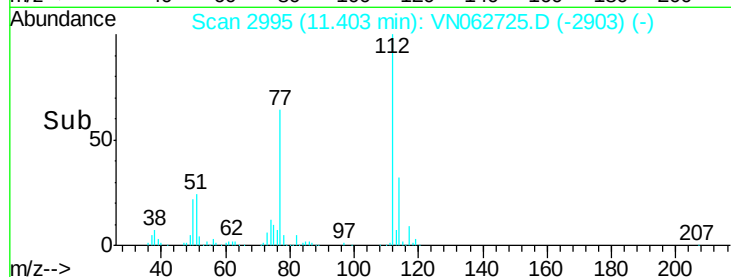
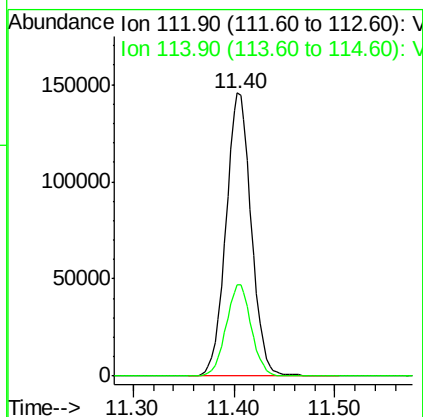
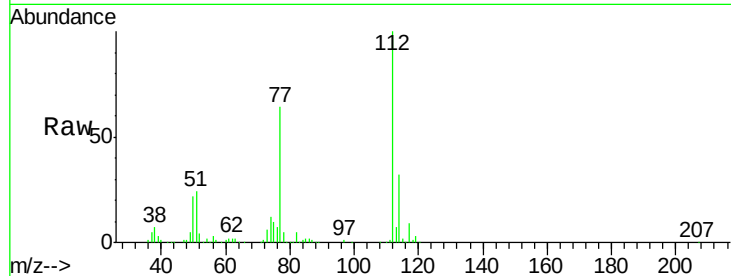




#65
Chlorobenzene
Concen: 51.933 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

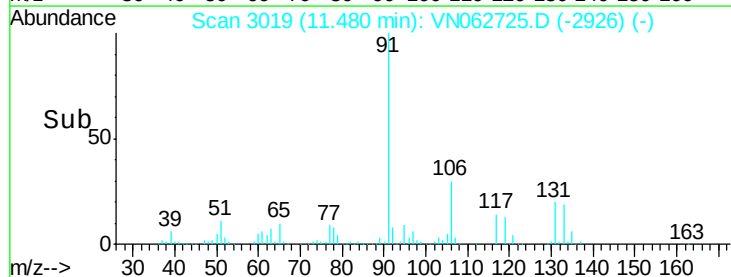
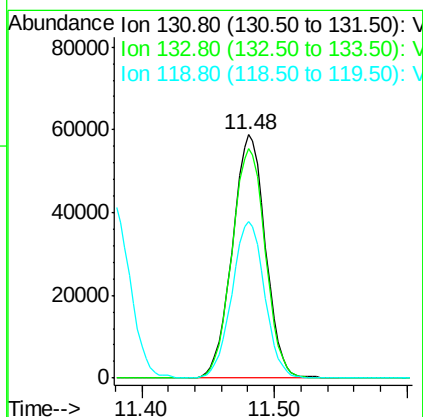
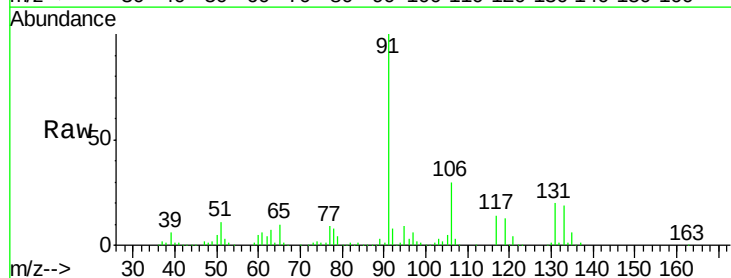
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

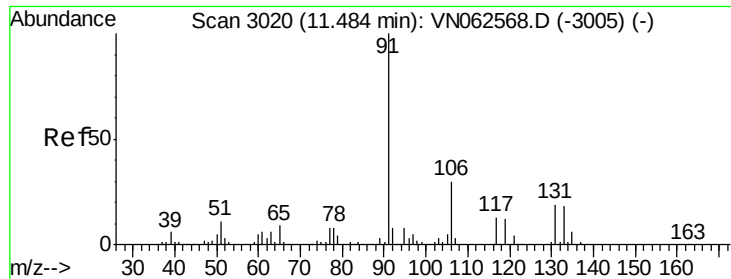
Tot Ion:112 Resp: 254304
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 55.251 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion:131 Resp: 101781
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 63.8 33.7 101.0

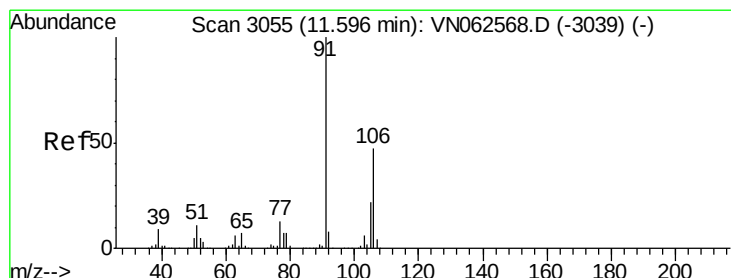
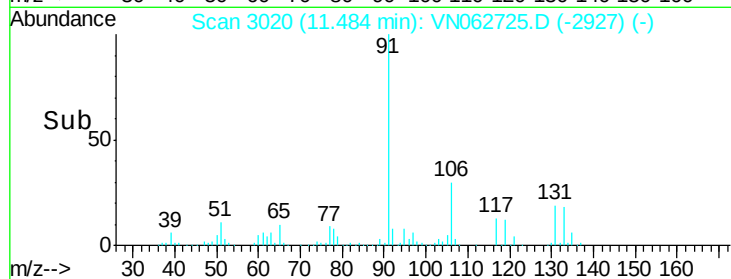
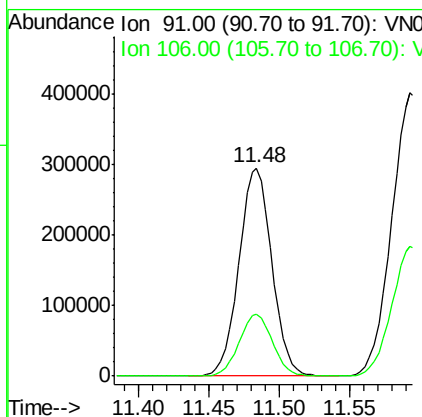
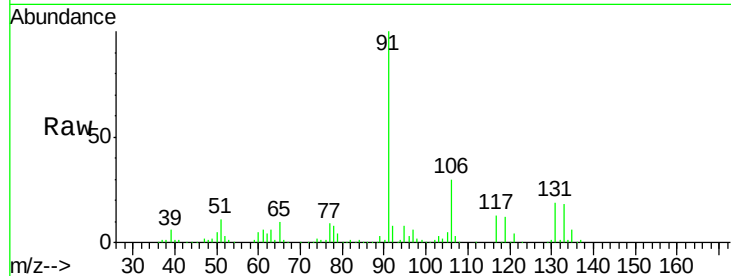




#67
Ethyl Benzene
Concen: 53.767 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

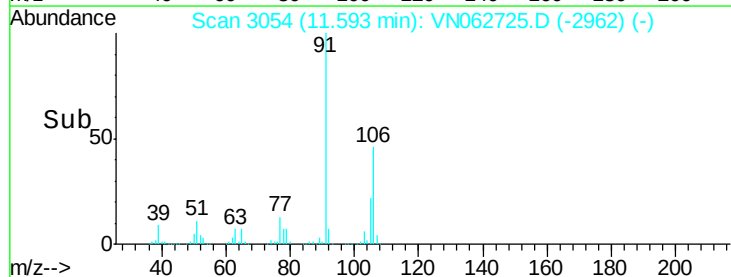
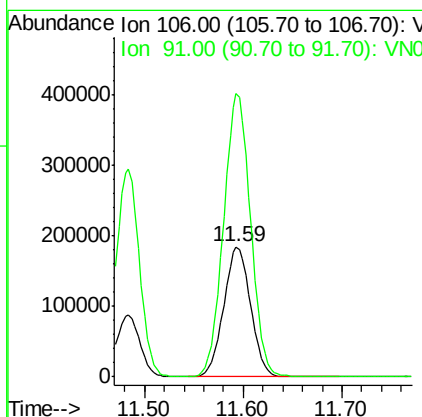
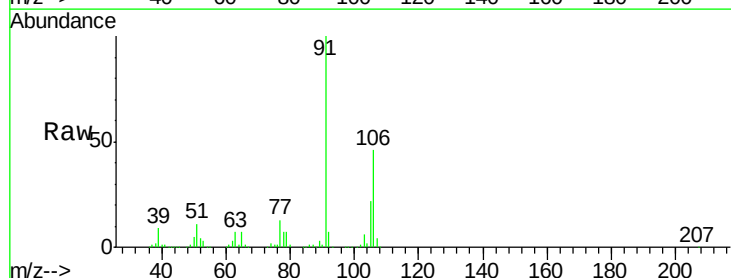
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

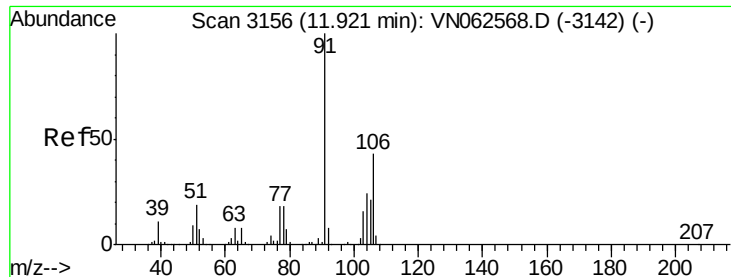
Tot Ion: 91 Resp: 482733
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.8



#68
m/p-Xylenes
Concen: 109.025 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion: 106 Resp: 351829
Ion Ratio Lower Upper
106 100
91 218.2 171.4 257.2

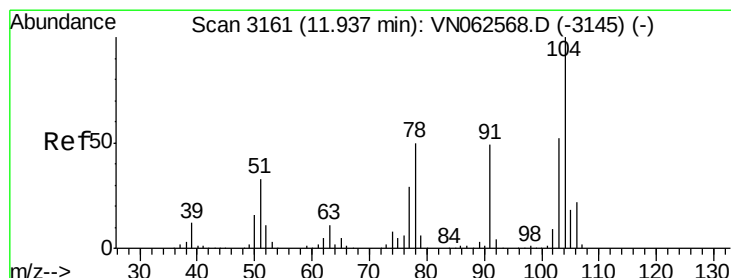
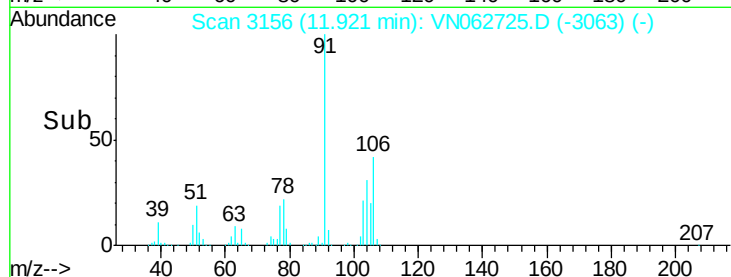
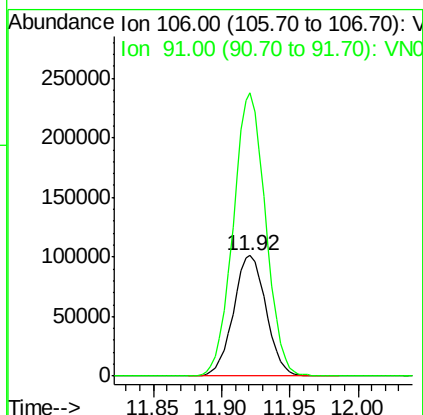
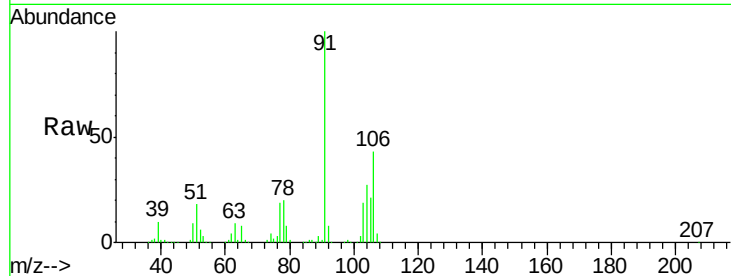




#69
o-Xylene
Concen: 55.043 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

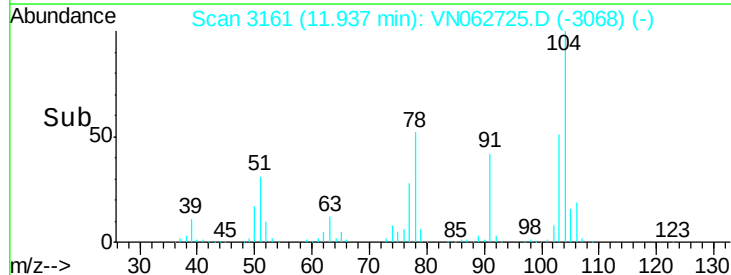
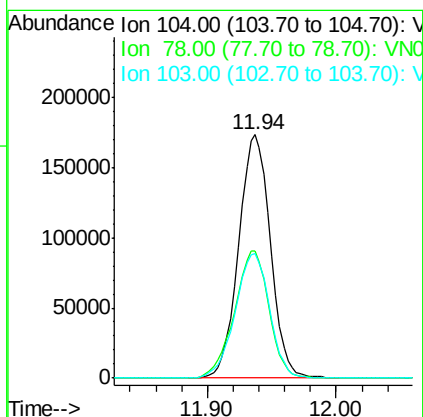
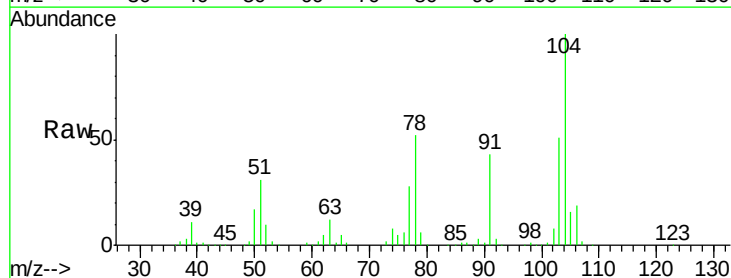
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

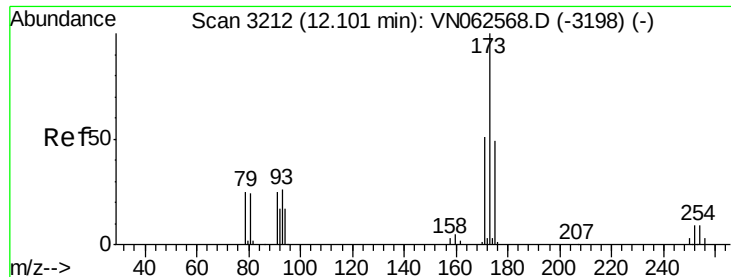
Tot Ion:106 Resp: 168672
Ion Ratio Lower Upper
106 100
91 231.8 113.8 341.2



#70
Styrene
Concen: 57.407 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion:104 Resp: 297170
Ion Ratio Lower Upper
104 100
78 56.8 43.8 65.6
103 55.4 44.0 66.0





#71

Bromoform

Concen: 56.986 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

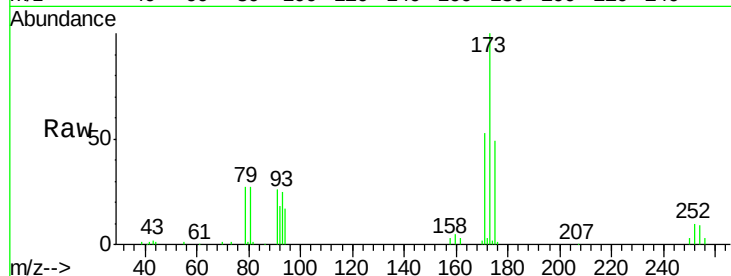
Tot Ion:173 Resp: 78819

Ion Ratio Lower Upper

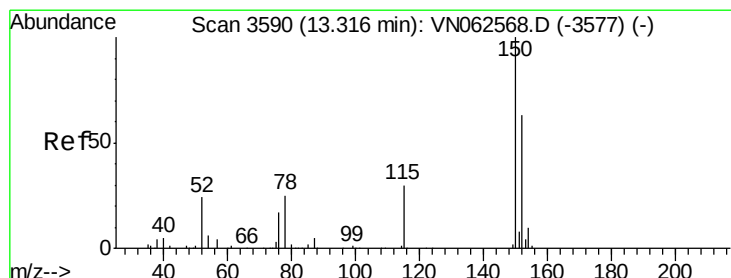
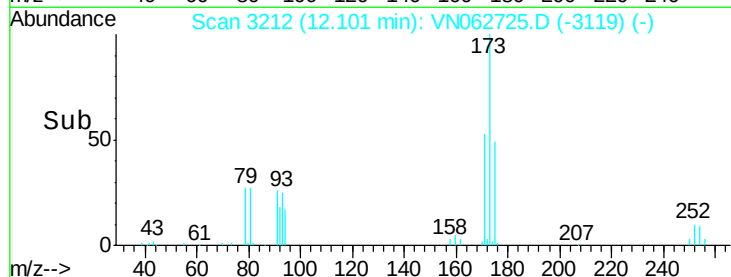
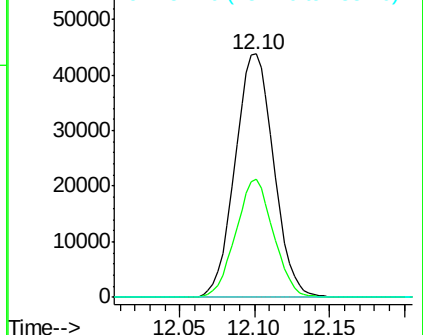
173 100

175 47.3 24.1 72.2

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# 3591

Delta R.T. 0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

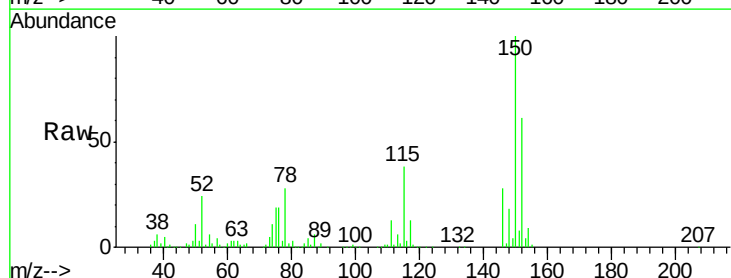
Tgt Ion:152 Resp: 117815

Ion Ratio Lower Upper

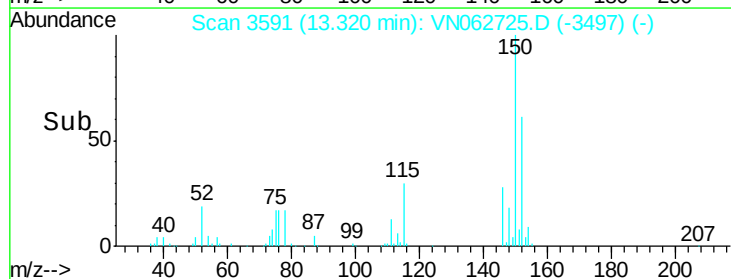
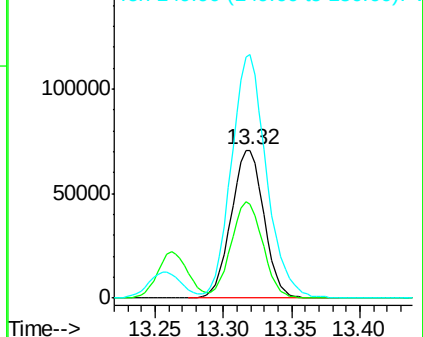
152 100

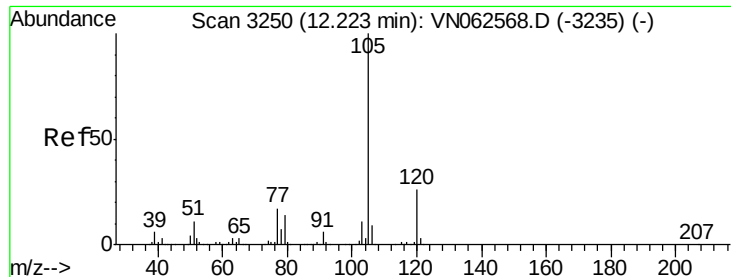
115 63.5 31.8 95.4

150 176.1 0.0 351.4



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: 50.746 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

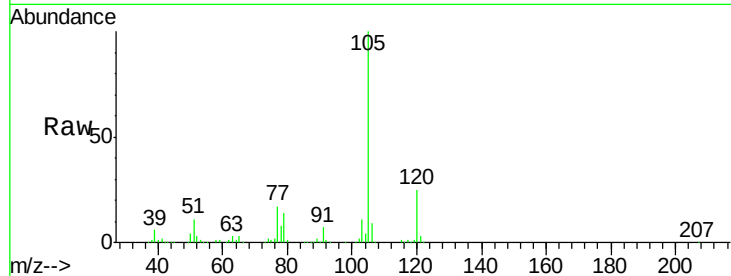
VSTDCCC050

Tot Ion:105 Resp: 472737

Ion Ratio Lower Upper

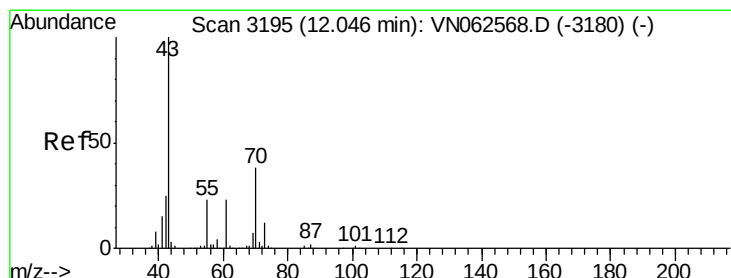
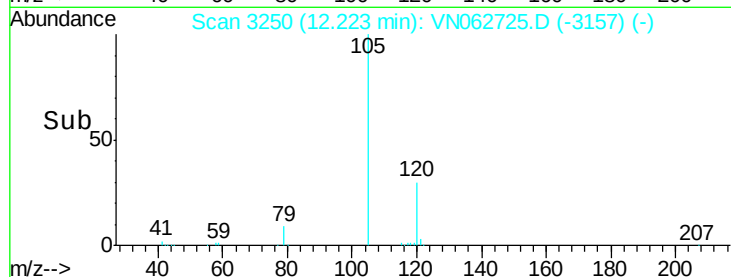
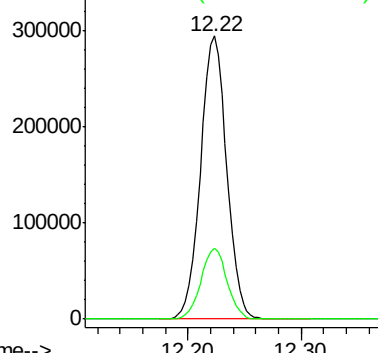
105 100

120 24.9 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.737 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Tgt Ion: 43 Resp: 194441

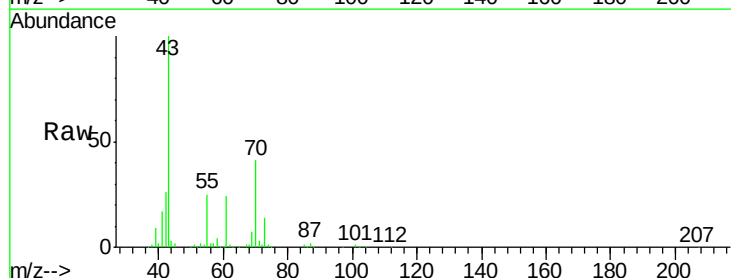
Ion Ratio Lower Upper

43 100

70 40.4 30.5 45.7

55 25.0 19.0 28.6

61 23.3 18.4 27.6

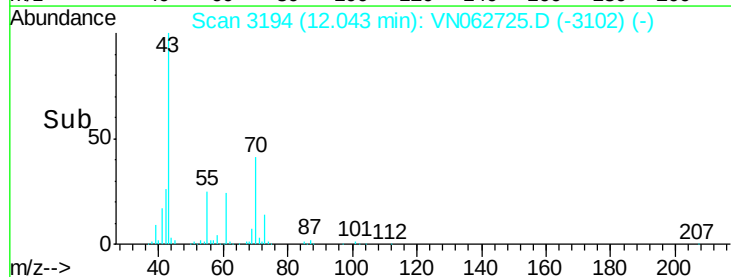
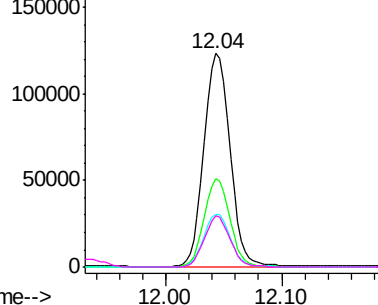


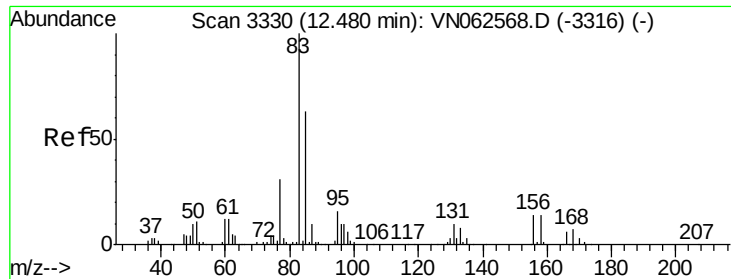
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.268 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

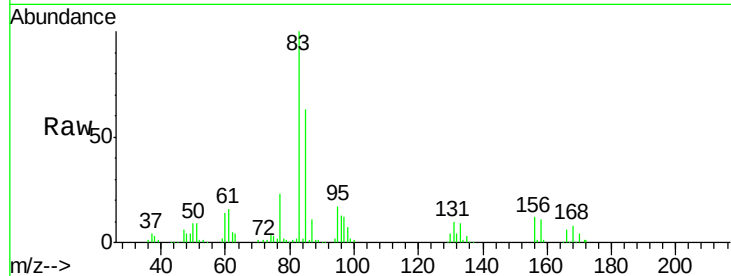
Tot Ion: 83 Resp: 140067

Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.8	14.3
85	64.2	31.8	95.4

83 100

131 10.0 4.8 14.3

85 64.2 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.48

80000

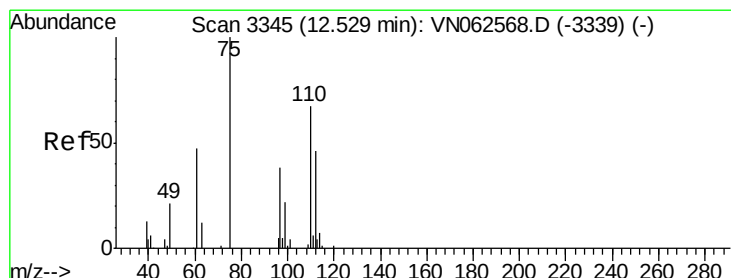
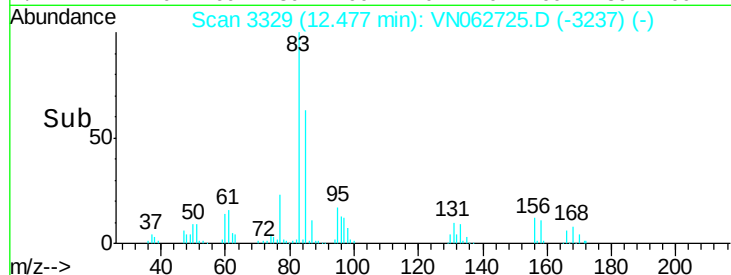
60000

40000

20000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 65.251 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062725.D

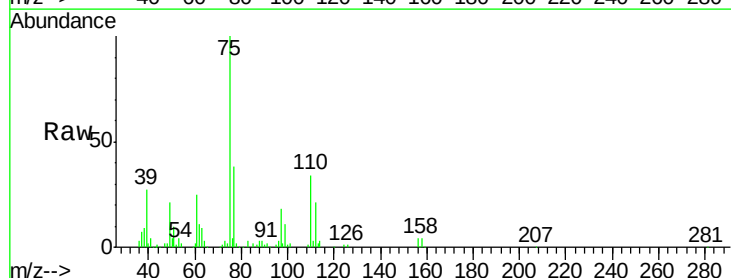
Acq: 3 Aug 2020 9:21

Tgt Ion: 75 Resp: 195675

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

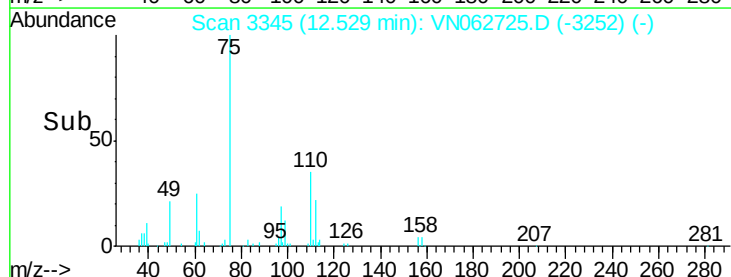
150000

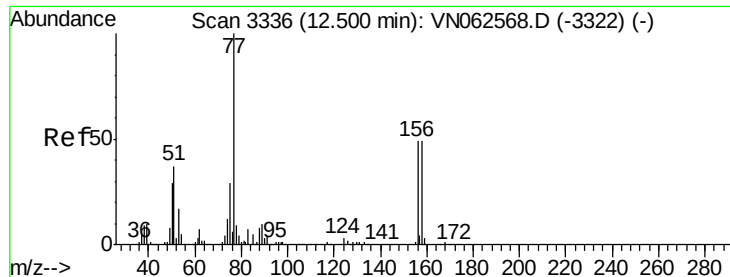
100000

50000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 48.845 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

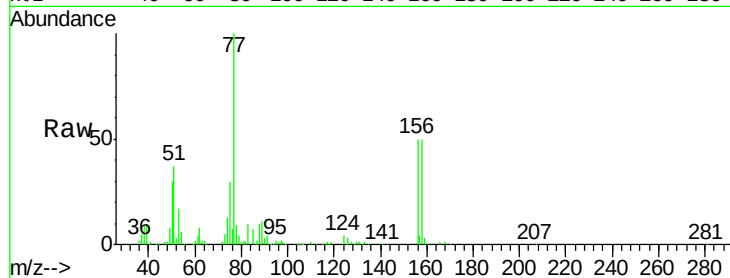
Tot Ion:156 Resp: 109351

Ion Ratio Lower Upper

156 100

77 233.3 122.8 368.3

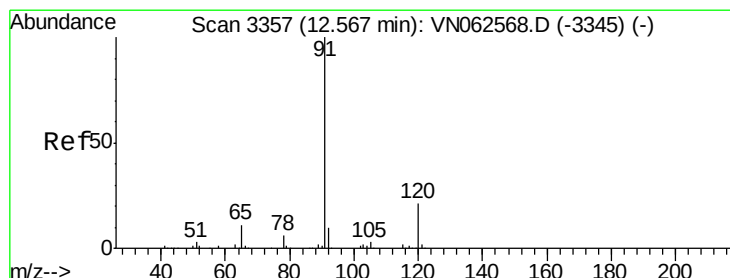
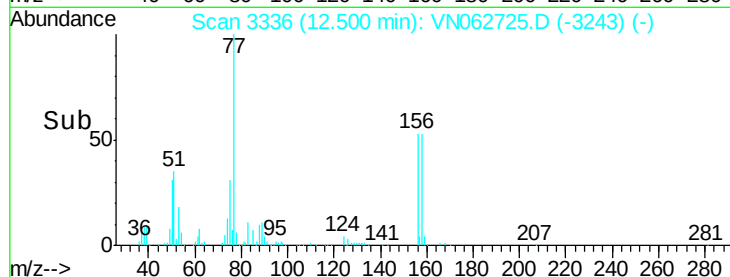
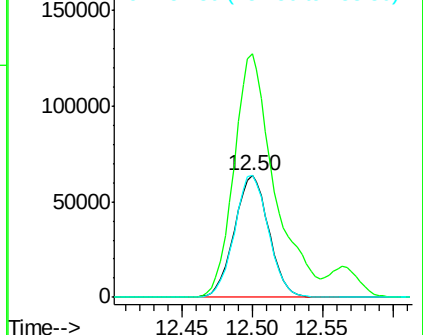
158 98.9 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.896 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062725.D

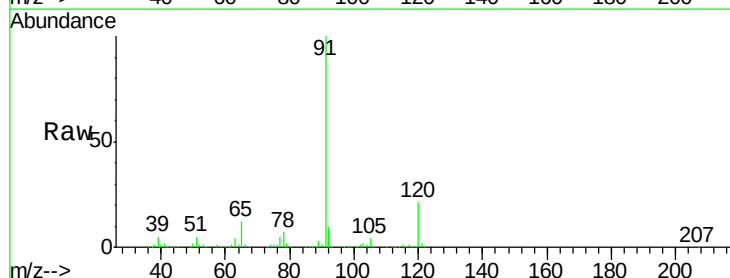
Acq: 3 Aug 2020 9:21

Tgt Ion: 91 Resp: 555385

Ion Ratio Lower Upper

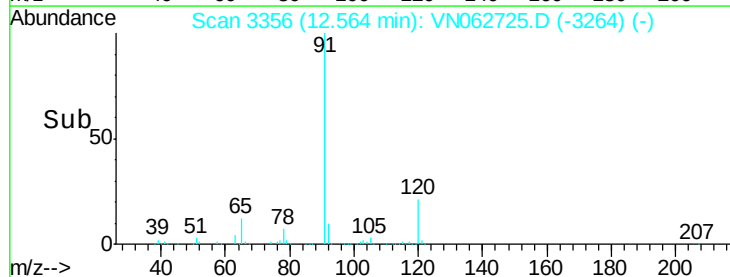
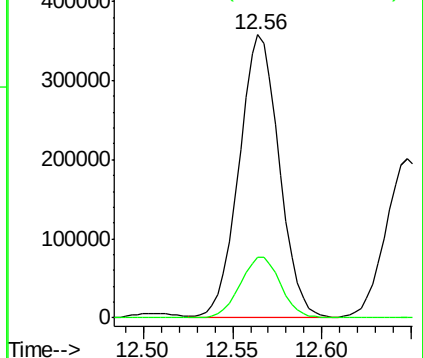
91 100

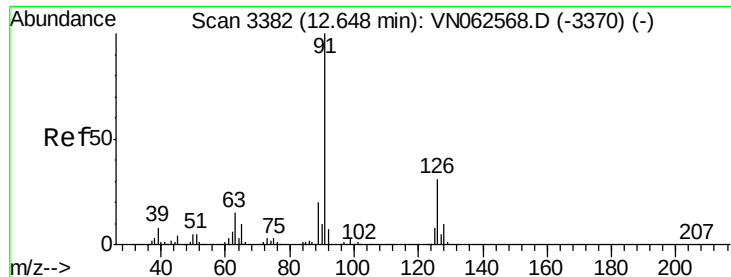
120 21.9 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

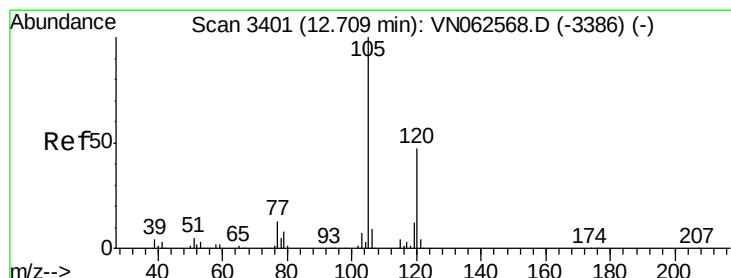
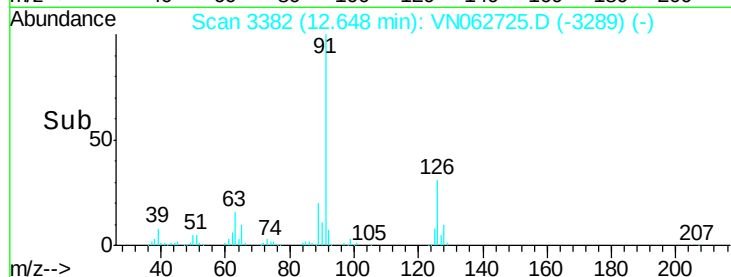
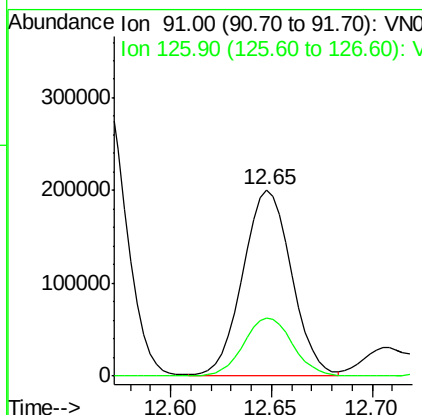
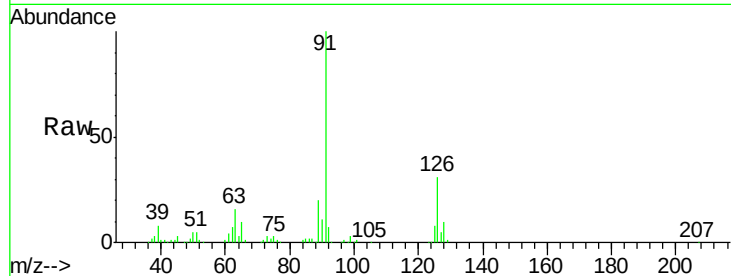




#79
 2-Chlorotoluene
 Concen: 50.010 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

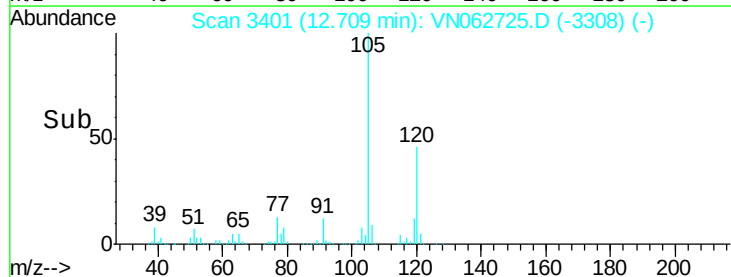
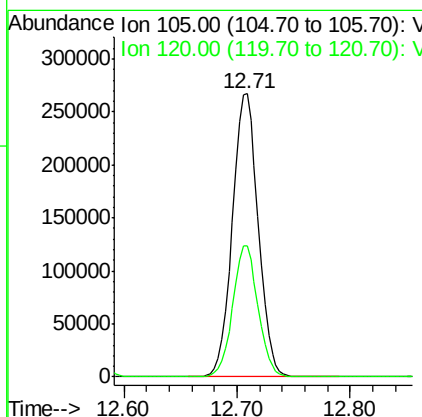
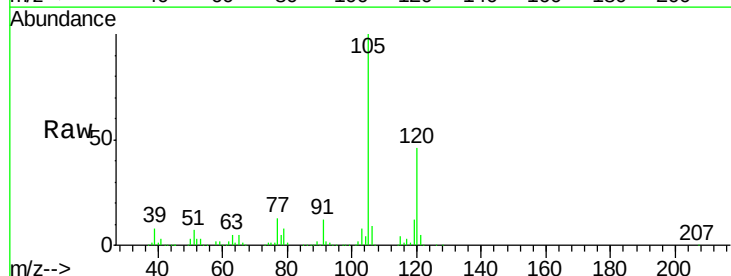
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

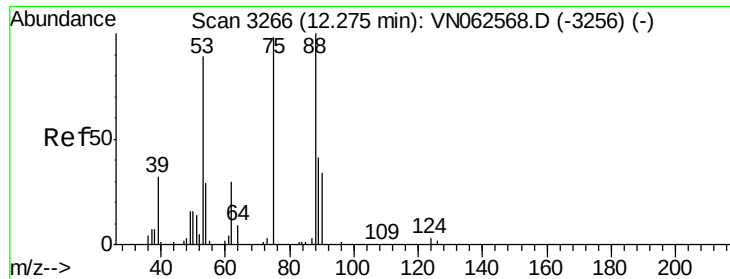
Tot Ion: 91 Resp: 336316
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 54.699 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion: 105 Resp: 422682
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.884 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

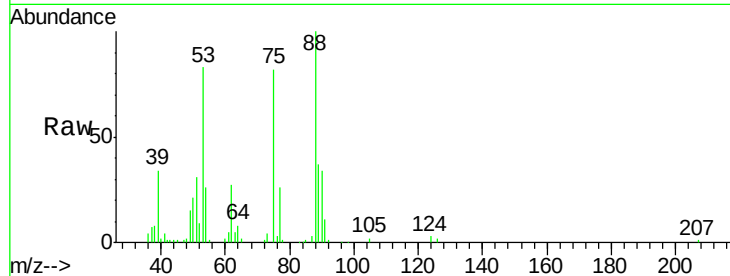
Tot Ion: 75 Resp: 52660

Ion Ratio Lower Upper

75 100

53 99.8 75.4 113.0

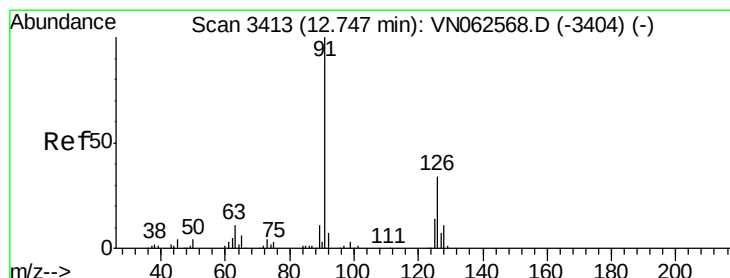
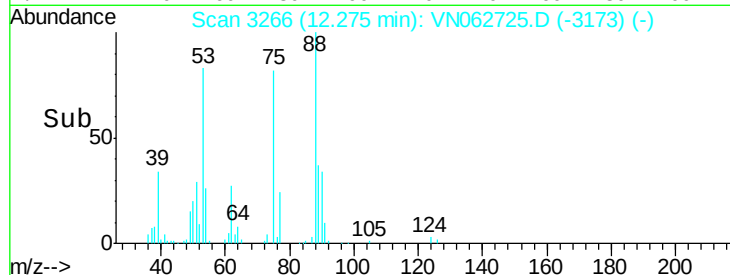
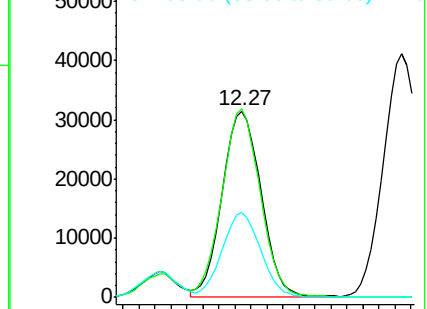
89 44.8 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.686 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062725.D

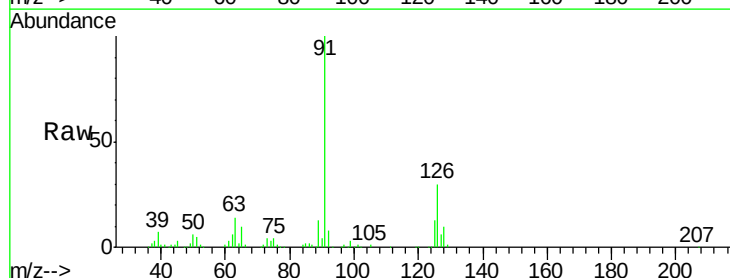
Acq: 3 Aug 2020 9:21

Tgt Ion: 91 Resp: 354794

Ion Ratio Lower Upper

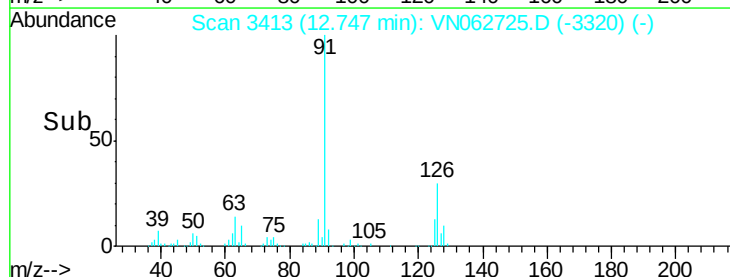
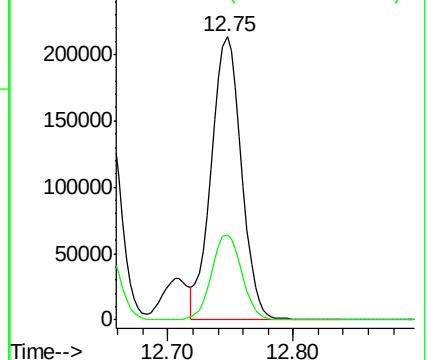
91 100

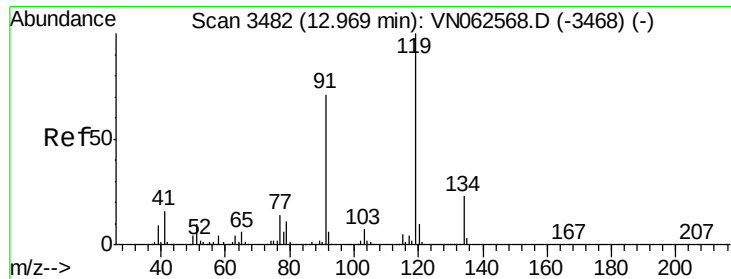
126 30.3 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

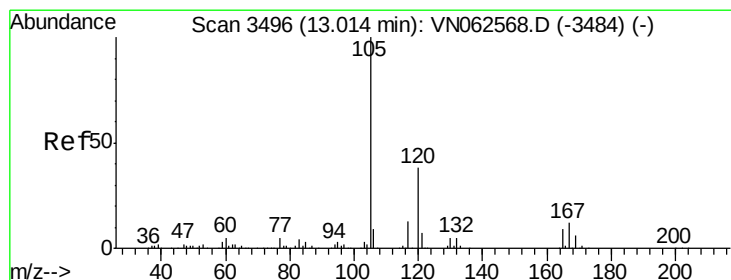
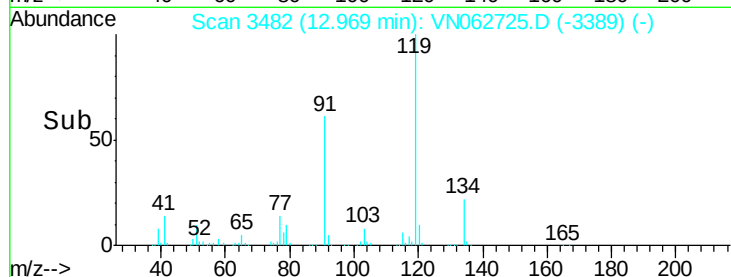
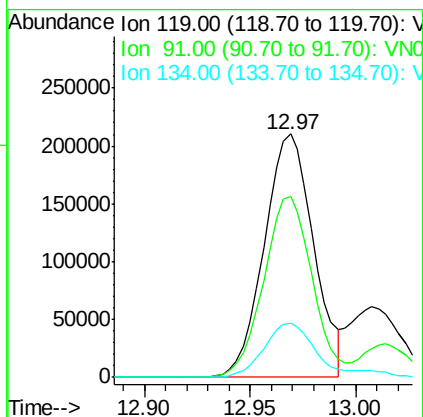
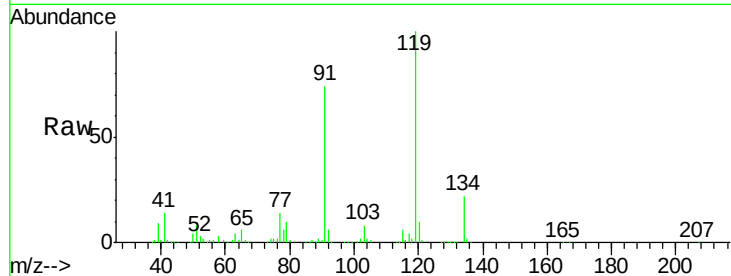




#83
 tert-Butylbenzene
 Concen: 53.311 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

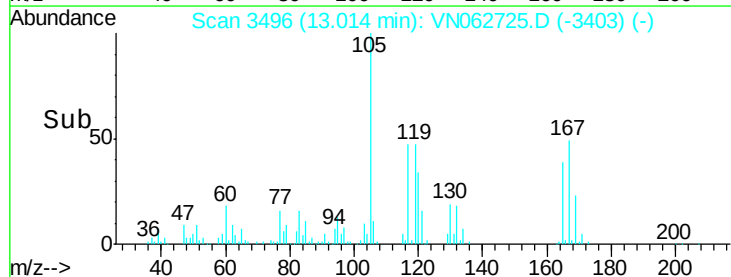
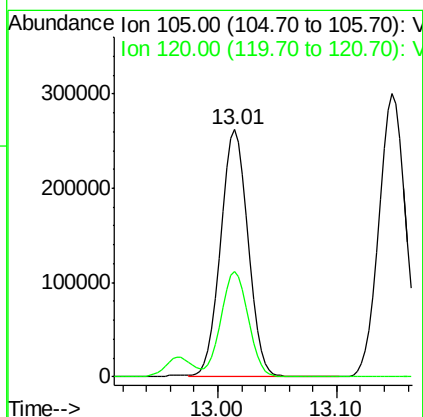
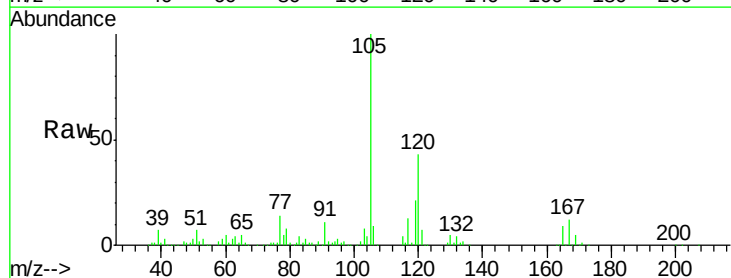
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

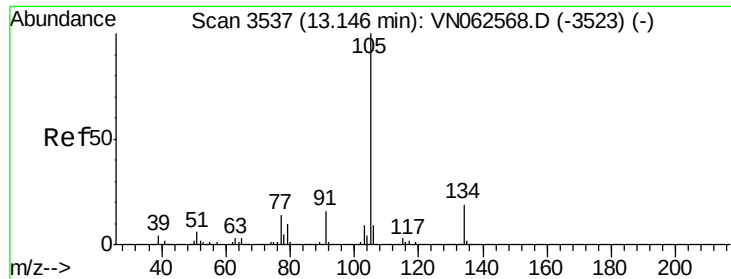
Tot Ion:119 Resp: 342074
 Ion Ratio Lower Upper
 119 100
 91 73.0 34.6 103.8
 134 22.8 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.243 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion:105 Resp: 418772
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.1 66.3

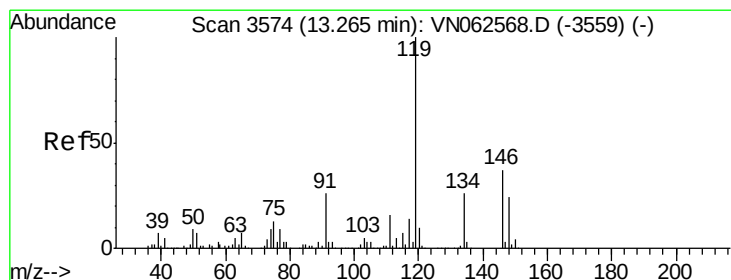
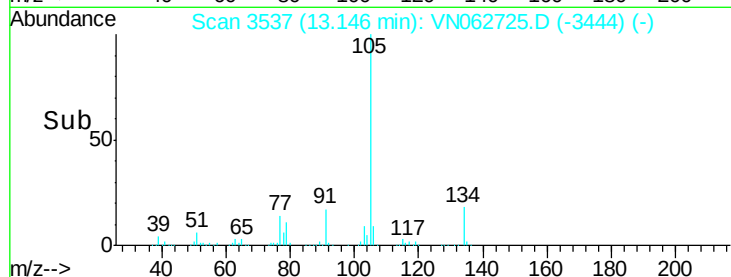
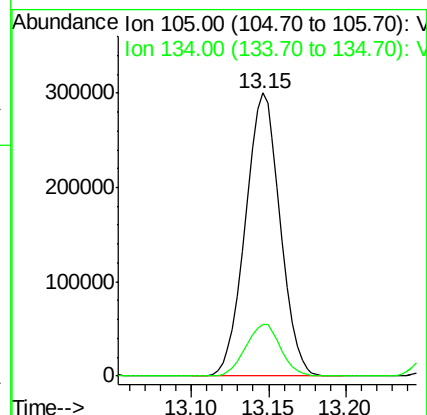
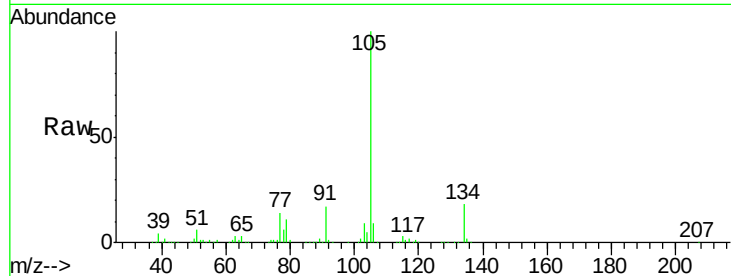




#85
 sec-Butylbenzene
 Concen: 54.410 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

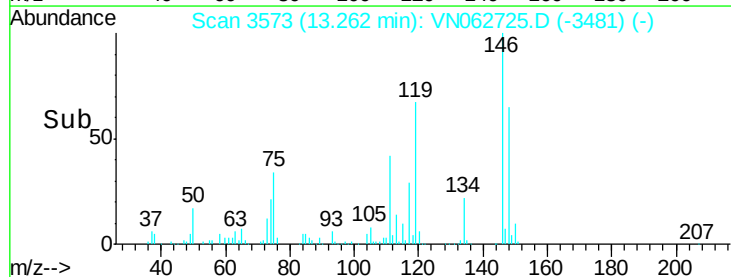
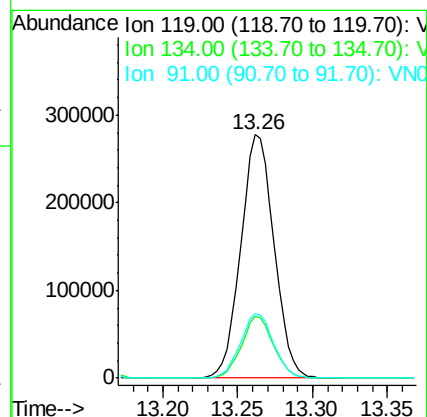
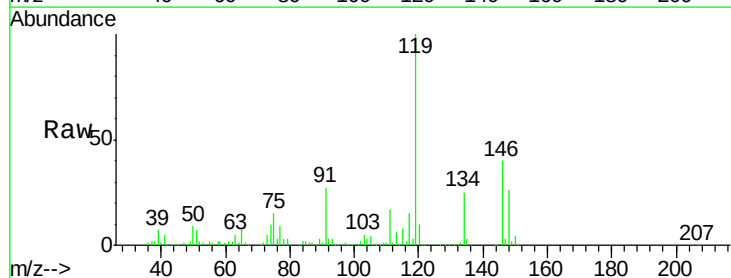
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

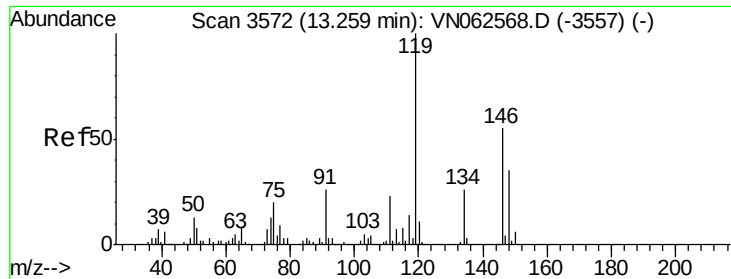
Tot Ion:105 Resp: 467402
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 57.957 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion:119 Resp: 428211
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.8 38.4
 91 26.3 12.7 38.1

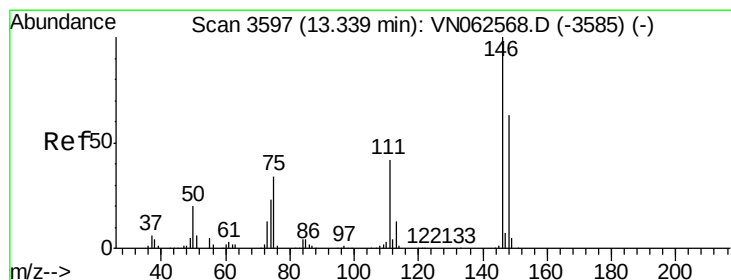
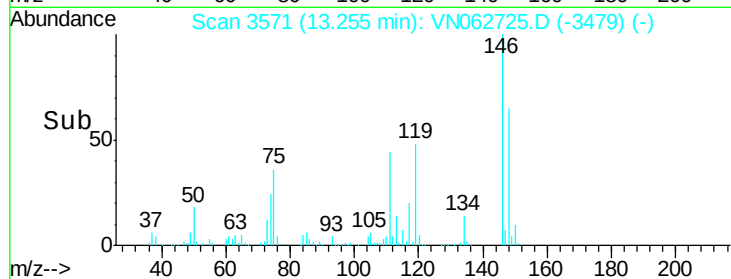
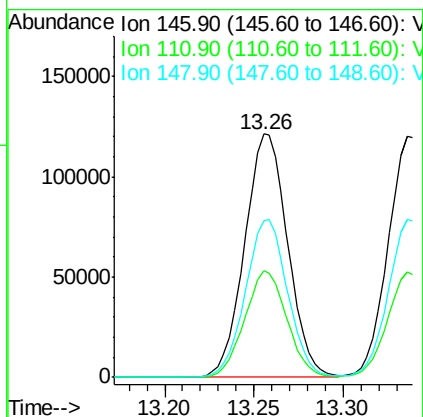
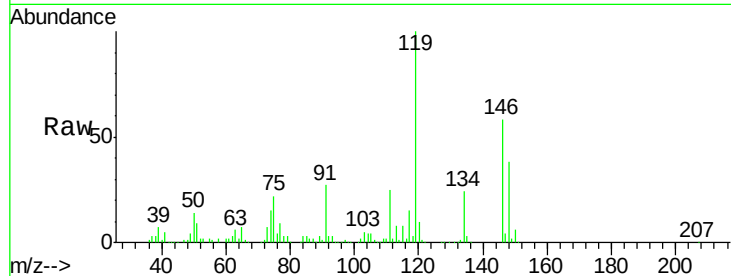




#87
 1,3-Dichlorobenzene
 Concen: 52.034 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

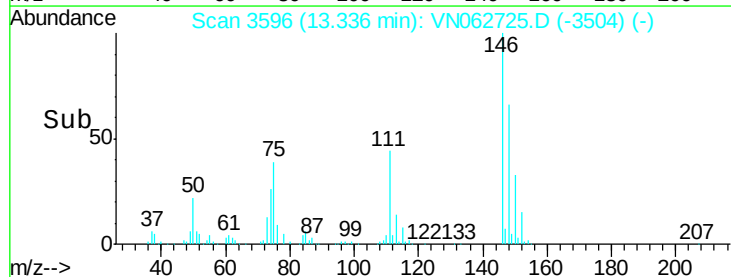
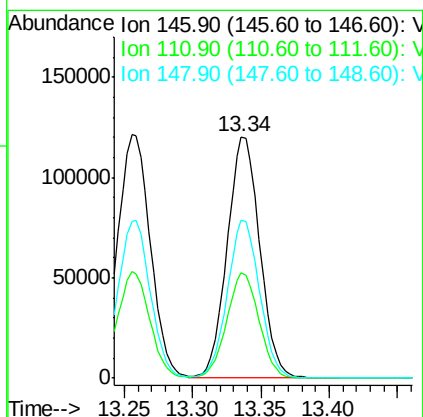
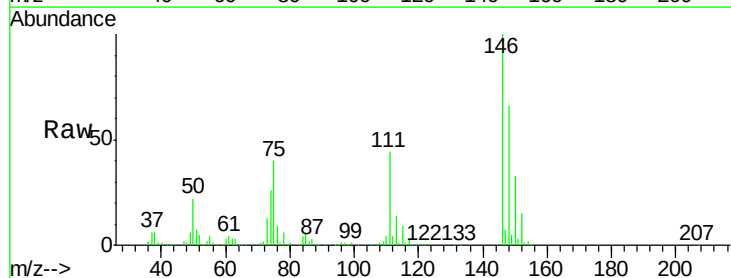
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

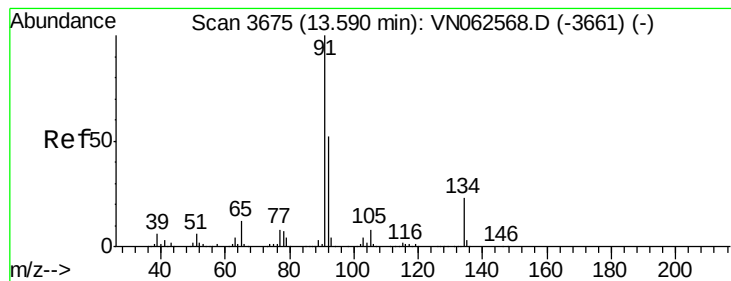
Tot Ion:146 Resp: 204424
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.6 64.6
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.542 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion:146 Resp: 199333
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.1 63.1
 148 65.3 31.6 94.8





#89

n-Butylbenzene

Concen: 58.492 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

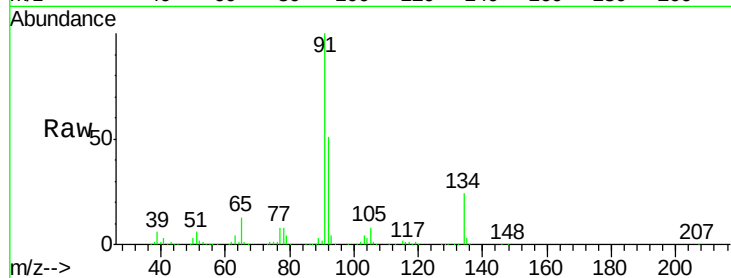
Tot Ion: 91 Resp: 371332

Ion Ratio Lower Upper

91 100

92 51.4 25.8 77.3

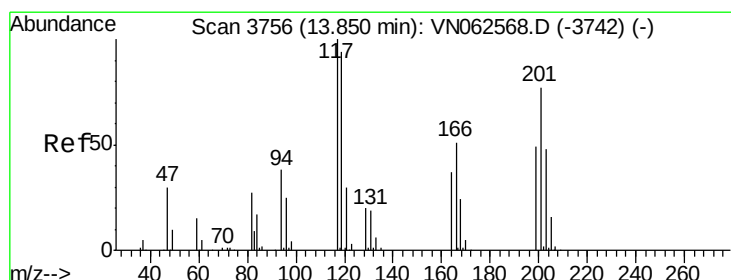
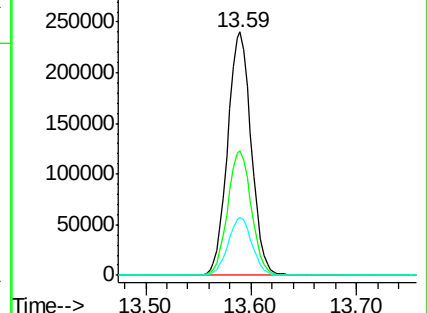
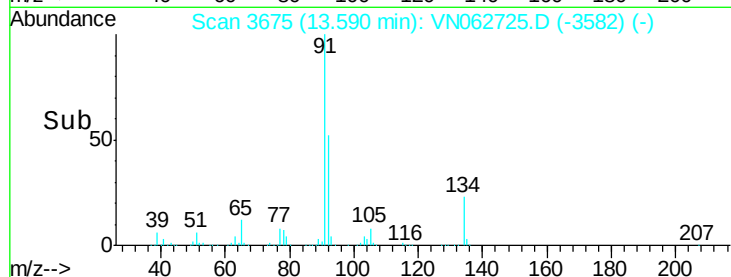
134 24.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VN062725.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062725.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062725.D (-3661) (-)



#90

Hexachloroethane

Concen: 50.119 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062725.D

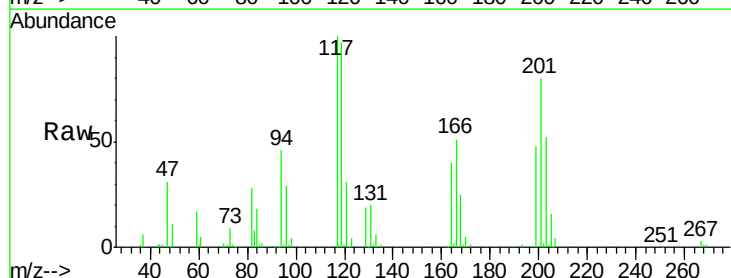
Acq: 3 Aug 2020 9:21

Tgt Ion: 117 Resp: 78830

Ion Ratio Lower Upper

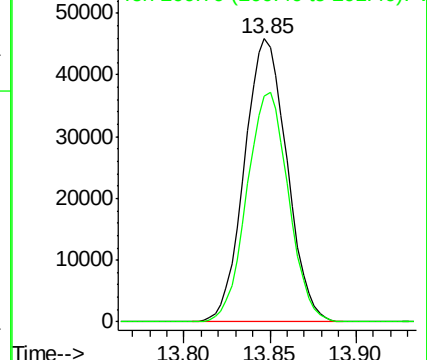
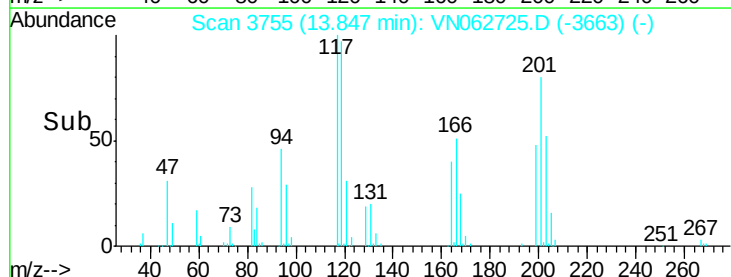
117 100

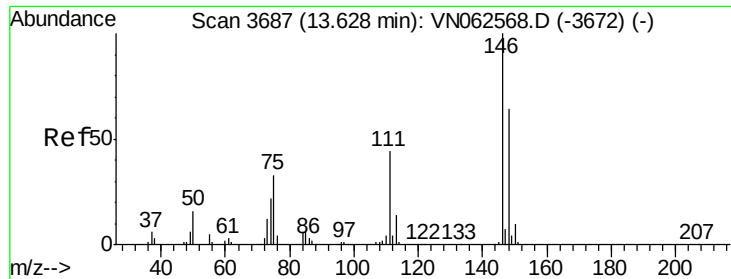
201 79.3 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062725.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062725.D (-3742) (-)

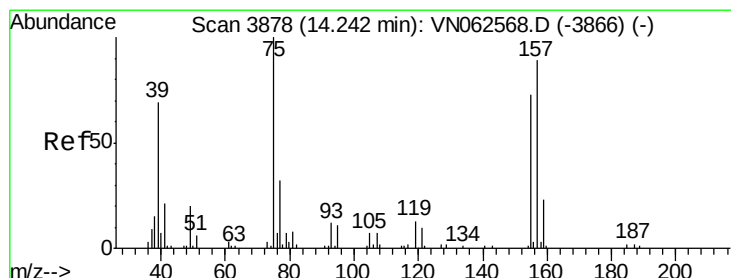
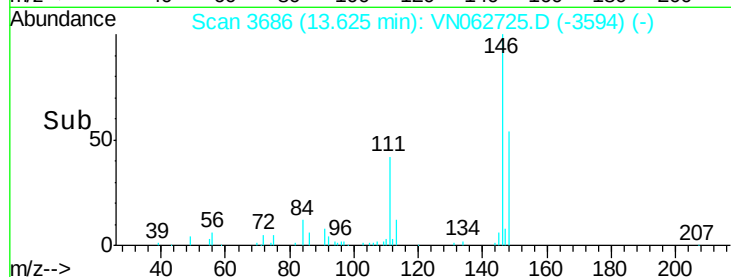
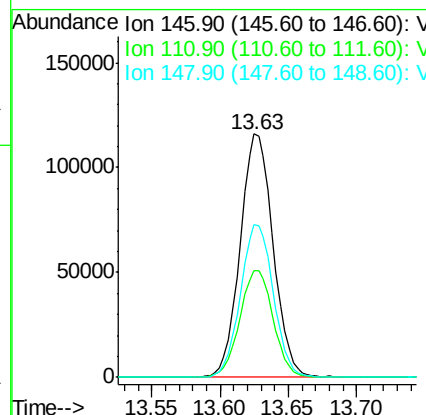
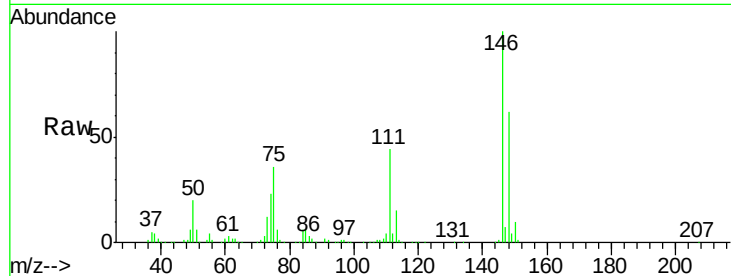




#91
 1,2-Dichlorobenzene
 Concen: 51.891 ug/l
 RT: 13.63 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

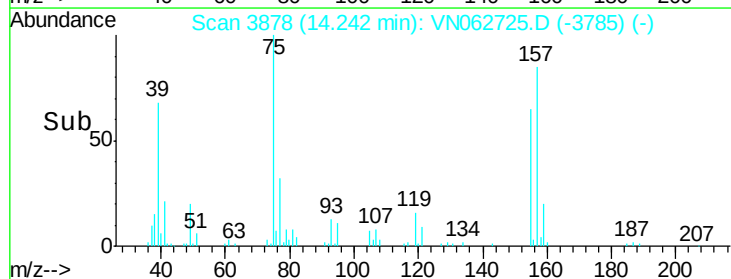
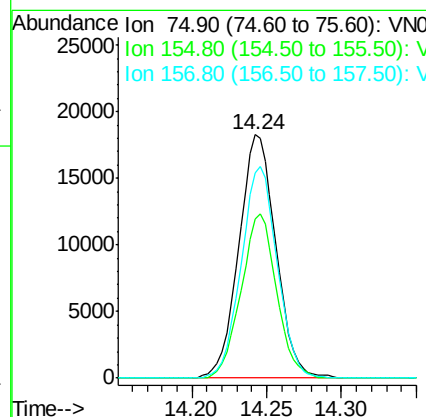
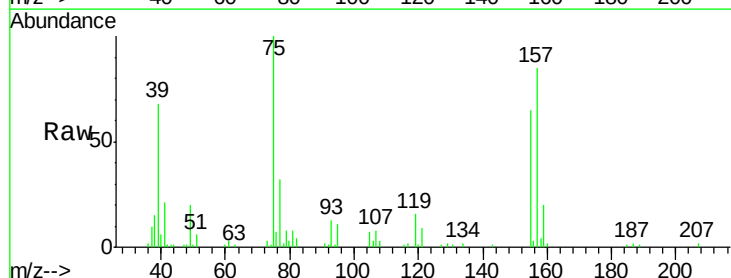
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

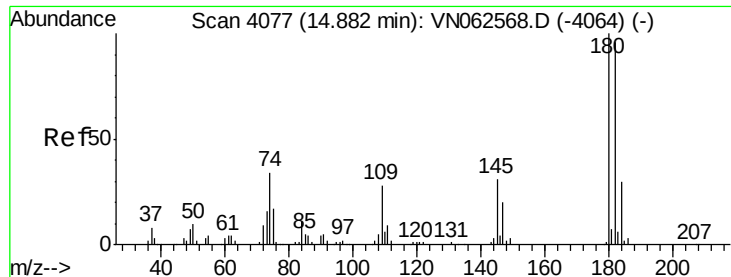
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.9	65.8
148	62.6	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.480 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	64.5	35.9	107.5
157	84.7	45.0	135.0

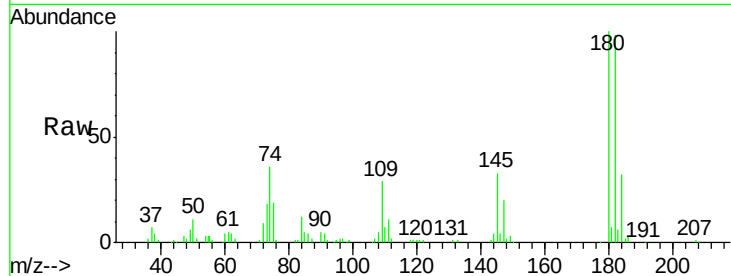




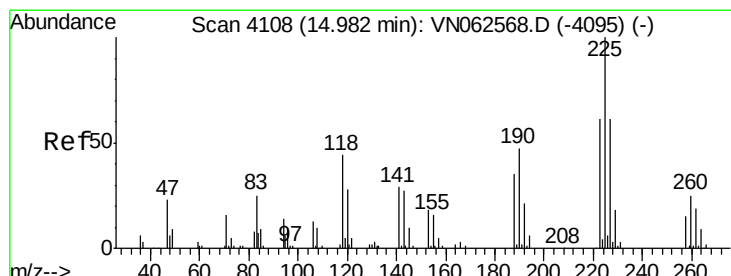
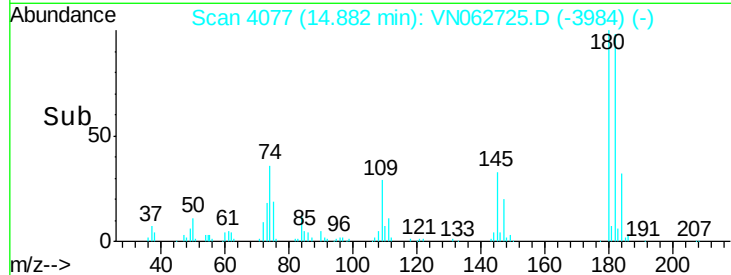
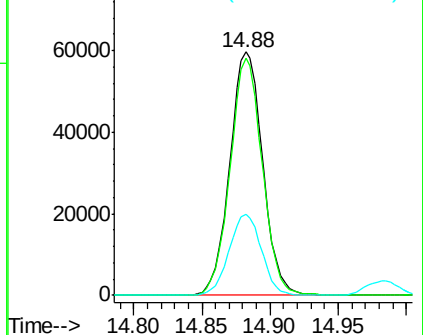
#93
 1,2,4-Trichlorobenzene
 Concen: 50.452 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 99710
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.8 143.3
 145 32.7 15.3 45.9

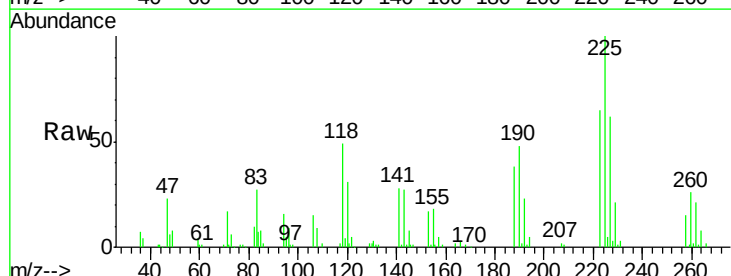


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

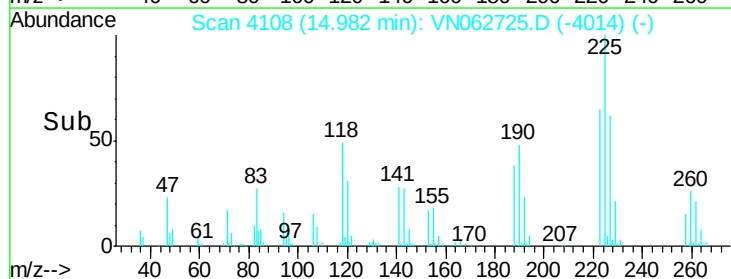
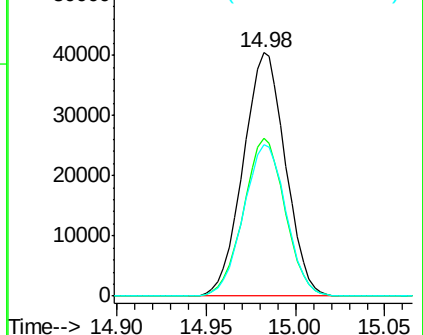


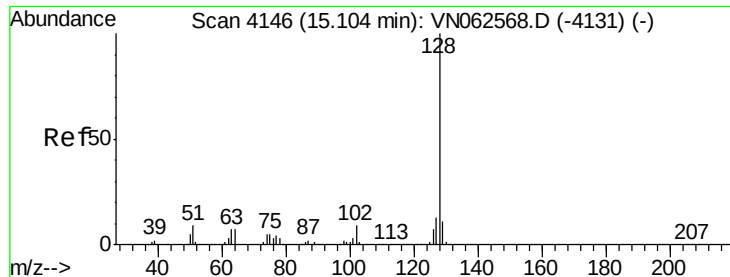
#94
 Hexachlorobutadiene
 Concen: 65.849 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion:225 Resp: 66779
 Ion Ratio Lower Upper
 225 100
 223 64.0 32.0 96.0
 227 62.9 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.625 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

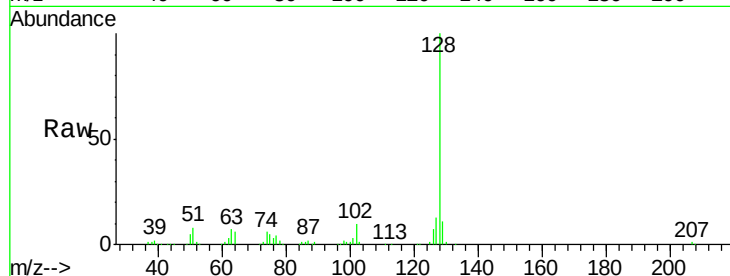
Tot Ion:128 Resp: 248513

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

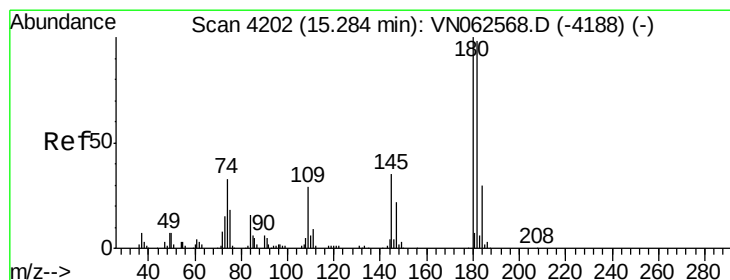
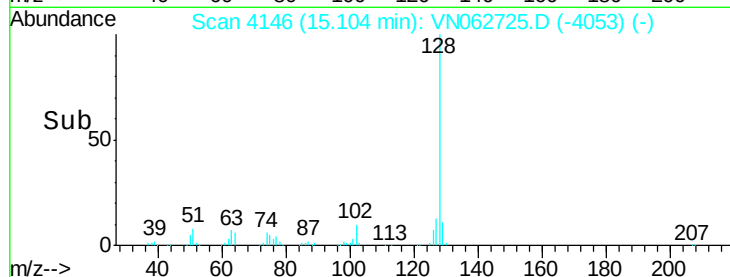
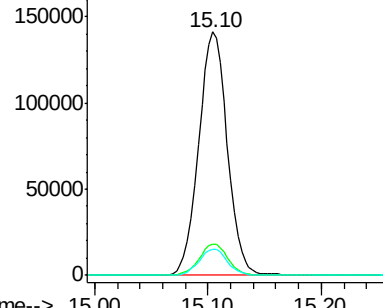
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.480 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

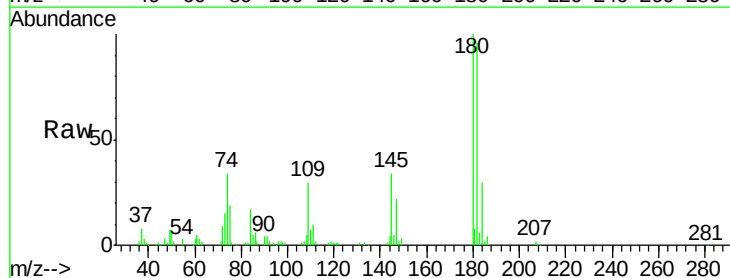
Tgt Ion:180 Resp: 99988

Ion Ratio Lower Upper

180 100

182 92.3 48.1 144.3

145 34.3 16.7 50.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

