

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
 Data File : VN062527.D
 Acq On : 15 Jul 2020 9:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 16 01:10:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	210395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	344559	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	322402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	155406	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	153583	47.46	ug/l	0.00
Spiked Amount			Recovery	=	94.92%	
35) Dibromofluoromethane	7.54	113	108776	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
50) Toluene-d8	10.06	98	438805	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.37	95	168731	54.92	ug/l	0.00
Spiked Amount			Recovery	=	109.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	105600	49.275	ug/l	95
3) Chloromethane	2.04	50	154116	44.818	ug/l	100
4) Vinyl Chloride	2.16	62	135282	48.019	ug/l	98
5) Bromomethane	2.51	94	63166m	41.747	ug/l	
6) Chloroethane	2.66	64	62714	38.220	ug/l	99
7) Trichlorofluoromethane	2.98	101	159302	44.522	ug/l	99
8) Diethyl Ether	3.37	74	80483	50.304	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	113560	53.540	ug/l	99
10) Methyl Iodide	3.91	142	137637	49.145	ug/l	99
11) Tert butyl alcohol	4.73	59	124678	232.253	ug/l	99
12) 1,1-Dichloroethene	3.69	96	108029	50.025	ug/l	99
13) Acrolein	3.56	56	119400	308.328	ug/l	99
14) Allyl chloride	4.27	41	243644	47.972	ug/l	99
15) Acrylonitrile	4.92	53	349074	247.940	ug/l	99
16) Acetone	3.77	43	423042	307.908	ug/l	98
17) Carbon Disulfide	4.00	76	318718	47.100	ug/l	100
18) Methyl Acetate	4.27	43	164128	47.869	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	428307	52.313	ug/l	99
20) Methylene Chloride	4.50	84	138123	47.019	ug/l	93
21) trans-1,2-Dichloroethene	4.98	96	121282	51.841	ug/l	95
22) Diisopropyl ether	5.90	45	515037	51.328	ug/l	98
23) Vinyl Acetate	5.84	43	2082518	250.538	ug/l	99
24) 1,1-Dichloroethane	5.79	63	262266	50.581	ug/l	100
25) 2-Butanone	6.78	43	512118	255.226	ug/l	98
26) 2,2-Dichloropropane	6.77	77	220432	55.446	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	142952	52.754	ug/l	99
28) Bromochloromethane	7.14	49	147339	52.303	ug/l	97
29) Tetrahydrofuran	7.16	42	312251	231.142	ug/l	98
30) Chloroform	7.32	83	247630	52.894	ug/l	99
31) Cyclohexane	7.61	56	234369	47.680	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	204637	52.549	ug/l	99
36) 1,1-Dichloropropene	7.75	75	188793	54.386	ug/l	99
37) Ethyl Acetate	6.88	43	197648	48.692	ug/l	99
38) Carbon Tetrachloride	7.73	117	179301	57.452	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
 Data File : VN062527.D
 Acq On : 15 Jul 2020 9:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 16 01:10:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	214091	57.768	ug/l	98
40) Benzene	8.00	78	560982	54.832	ug/l	99
41) Methacrylonitrile	7.12	41	96786	57.070	ug/l	94
42) 1,2-Dichloroethane	8.08	62	206898	55.229	ug/l	100
43) Isopropyl Acetate	8.12	43	333229	51.967	ug/l	98
44) Trichloroethene	8.80	130	126471	55.715	ug/l	99
45) 1,2-Dichloropropane	9.08	63	164919	55.528	ug/l	98
46) Dibromomethane	9.17	93	92030	54.909	ug/l	99
47) Bromodichloromethane	9.37	83	202251	56.442	ug/l	99
48) Methyl methacrylate	9.16	41	160697	51.089	ug/l	98
49) 1,4-Dioxane	9.16	88	45711	998.444	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	996164	260.099	ug/l	98
52) Toluene	10.12	92	336463	56.936	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	235728	58.718	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	253570	57.247	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	133052	57.245	ug/l	97
56) Ethyl methacrylate	10.40	69	223904	52.265	ug/l	97
57) 1,3-Dichloropropane	10.68	76	242808	56.546	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	398555	289.042	ug/l	97
59) 2-Hexanone	10.72	43	762242	274.145	ug/l	97
60) Dibromochloromethane	10.87	129	149008	59.128	ug/l	99
61) 1,2-Dibromoethane	10.98	107	134883	57.489	ug/l	99
64) Tetrachloroethene	10.60	164	105681	55.240	ug/l	99
65) Chlorobenzene	11.40	112	354735	56.613	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	132766	57.457	ug/l	98
67) Ethyl Benzene	11.48	91	666898	56.701	ug/l	99
68) m/p-Xylenes	11.59	106	486739	116.899	ug/l	98
69) o-Xylene	11.92	106	234519	57.849	ug/l	98
70) Styrene	11.94	104	402725	60.108	ug/l	100
71) Bromoform	12.10	173	101637	60.001	ug/l #	99
73) Isopropylbenzene	12.22	105	638636	53.106	ug/l	99
74) N-amyl acetate	12.04	43	300280	51.302	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	202370	50.049	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	184128m	48.288	ug/l	
77) Bromobenzene	12.50	156	145226	53.120	ug/l	95
78) n-propylbenzene	12.56	91	766762	54.584	ug/l	99
79) 2-Chlorotoluene	12.65	91	453572	53.201	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	553035	56.098	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	74258	52.125	ug/l	95
82) 4-Chlorotoluene	12.75	91	472913	54.638	ug/l	98
83) tert-Butylbenzene	12.97	119	451912	54.018	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	553437	56.479	ug/l	100
85) sec-Butylbenzene	13.15	105	618310	55.774	ug/l	100
86) p-Isopropyltoluene	13.26	119	554099	57.911	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	269696	57.183	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	269183	55.468	ug/l	99
89) n-Butylbenzene	13.59	91	494028	58.476	ug/l	99
90) Hexachloroethane	13.85	117	105320	55.957	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	256287	56.202	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	37585	50.935	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071520\
Data File : VN062527.D
Acq On : 15 Jul 2020 9:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jul 16 01:10:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration

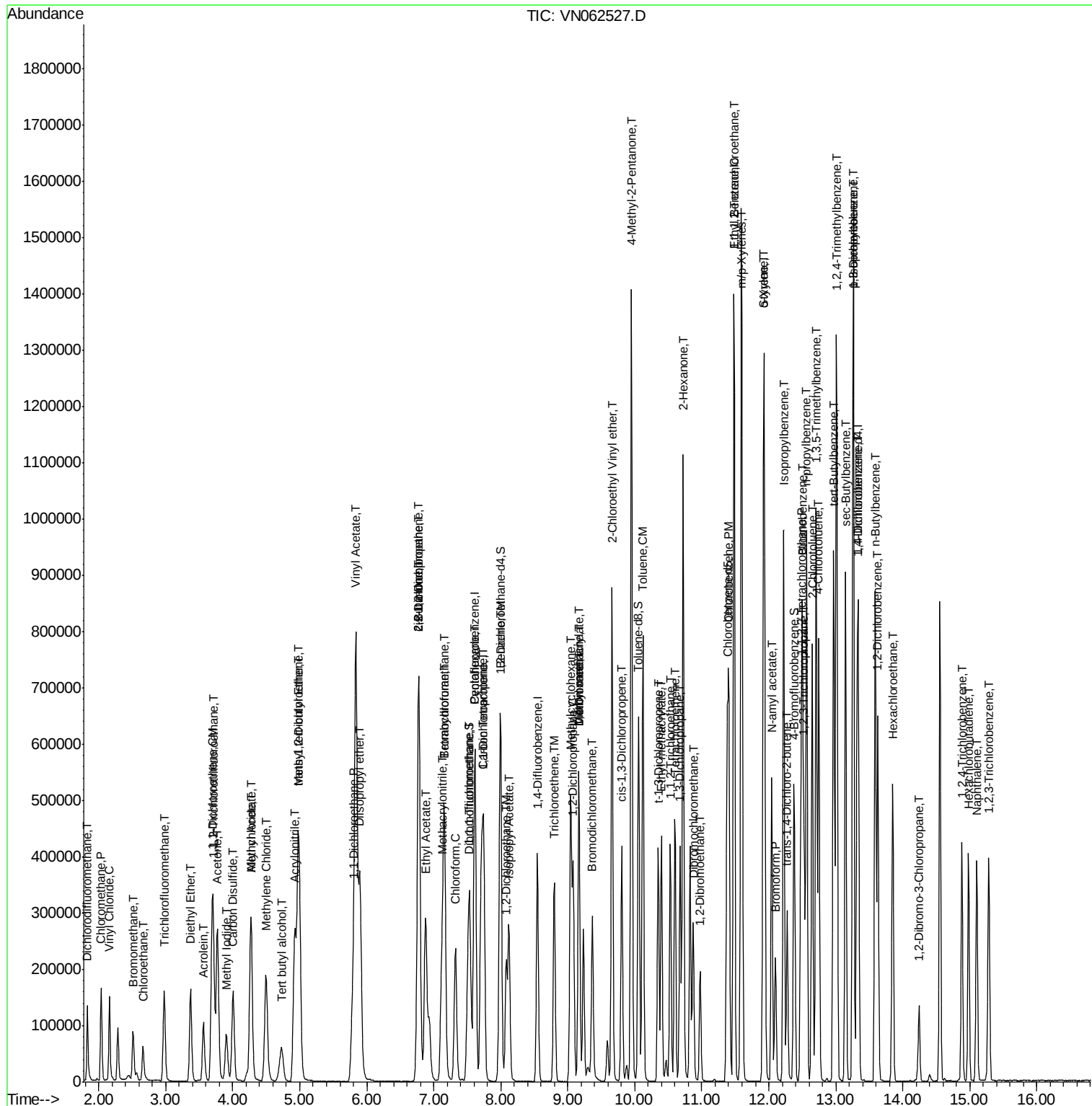
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	132111	52.639	ug/l	98
94) Hexachlorobutadiene	14.98	225	75150	62.068	ug/l	99
95) Naphthalene	15.10	128	322582	53.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	130978	53.127	ug/l	99

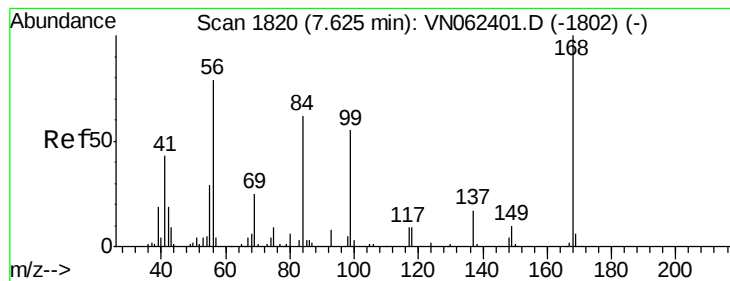
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071520\
Data File : VN062527.D
Acq On : 15 Jul 2020 9:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Jul 16 01:10:23 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

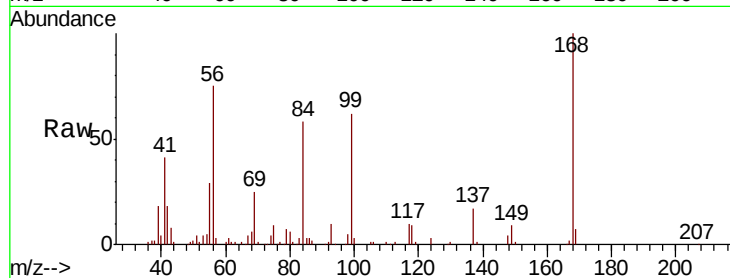
VSTDCCC050

Tot Ion:168 Resp: 210395

Ion Ratio Lower Upper

168 100

99 61.6 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): VN062527.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062527.D (-1727) (-)

7.62

80000

60000

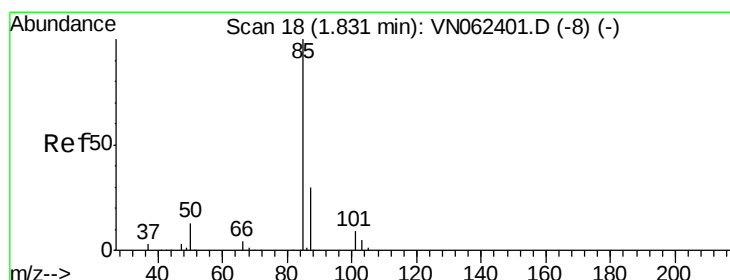
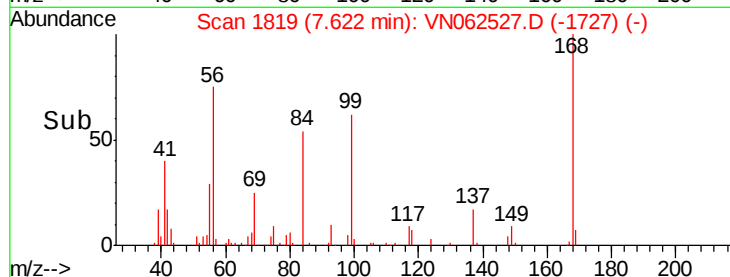
40000

20000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 49.275 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062527.D

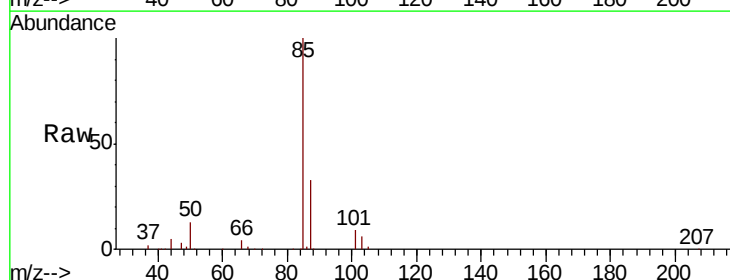
Acq: 15 Jul 2020 9:43

Tgt Ion: 85 Resp: 105600

Ion Ratio Lower Upper

85 100

87 32.8 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN062527.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN062527.D (-1) (-)

1.83

80000

60000

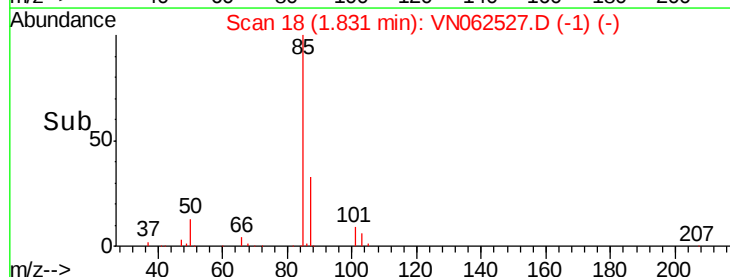
40000

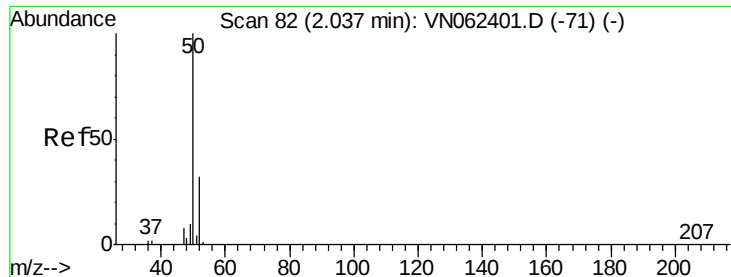
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 44.818 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

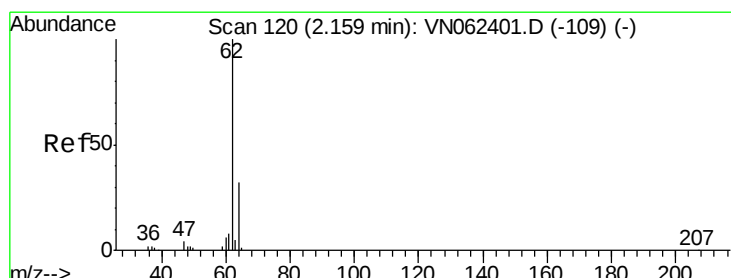
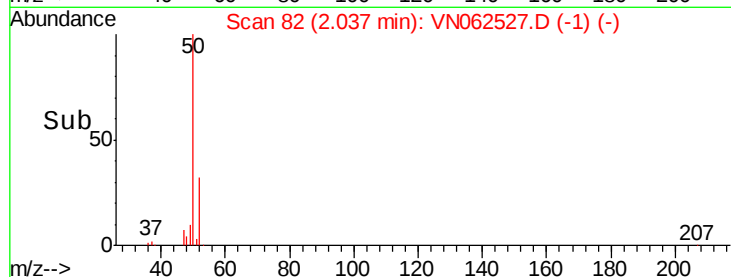
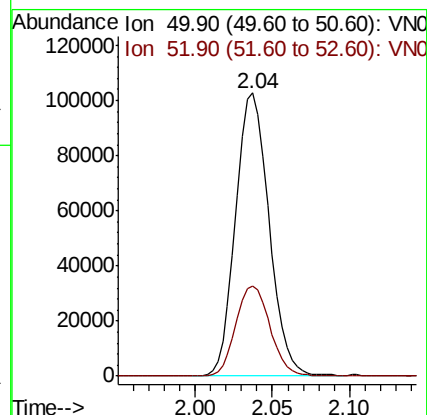
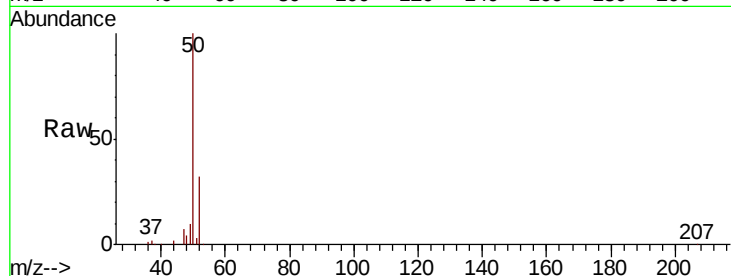
VSTDCCC050

Tot Ion: 50 Resp: 154116

Ion Ratio Lower Upper

50 100

52 32.0 25.5 38.3



#4

Vinyl Chloride

Concen: 48.019 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062527.D

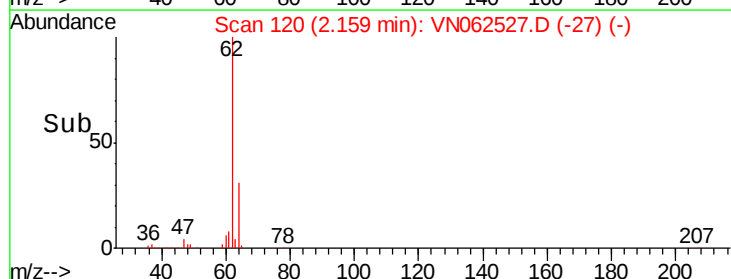
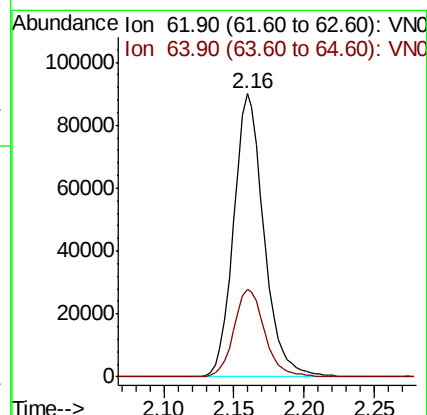
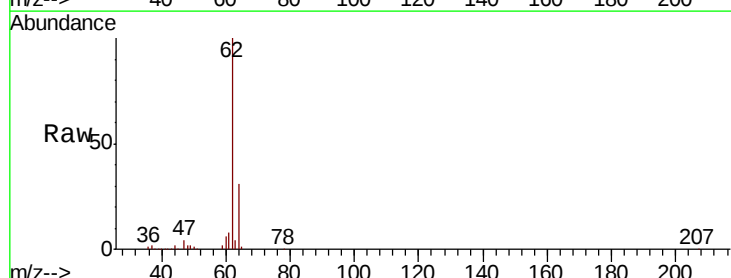
Acq: 15 Jul 2020 9:43

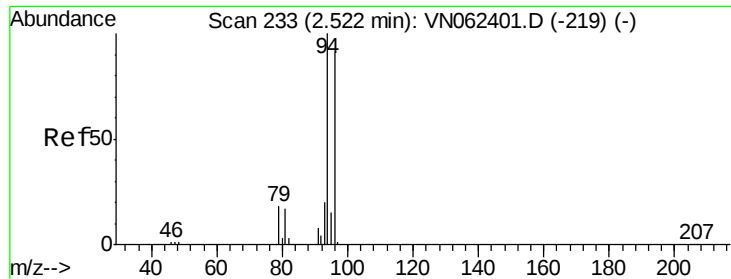
Tgt Ion: 62 Resp: 135282

Ion Ratio Lower Upper

62 100

64 31.0 25.7 38.5





#5

Bromomethane

Concen: 41.747 ug/l m

RT: 2.51 min Scan# 230

Delta R.T. -0.01 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

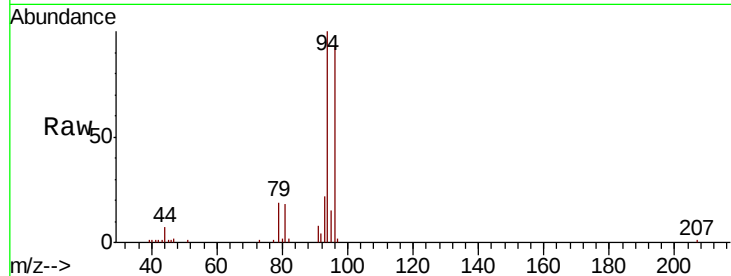
VSTDCCC050

Tot Ion: 94 Resp: 63166

Ion Ratio Lower Upper

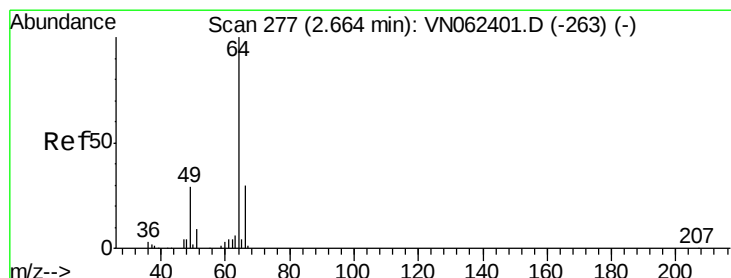
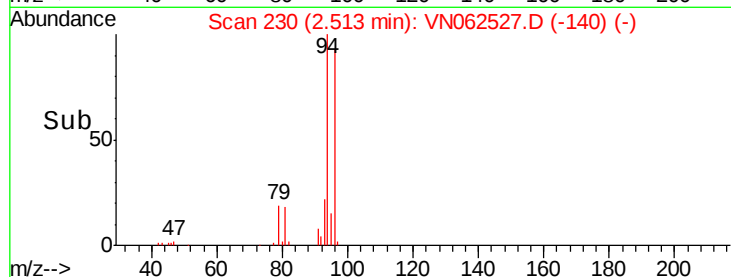
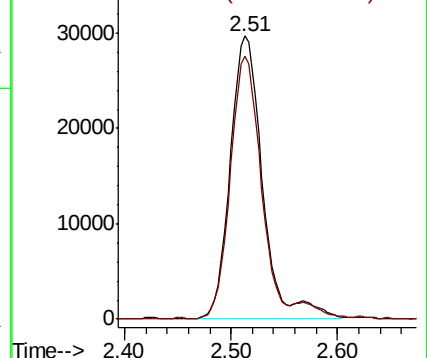
94 100

96 93.0 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 38.220 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062527.D

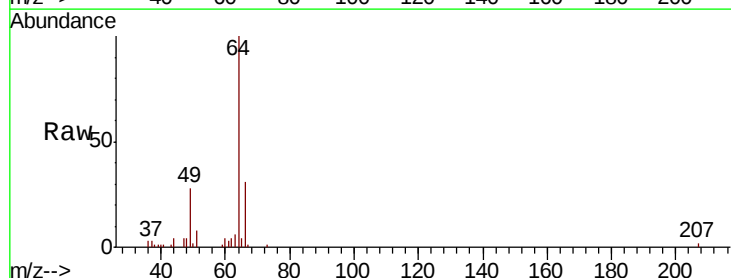
Acq: 15 Jul 2020 9:43

Tgt Ion: 64 Resp: 62714

Ion Ratio Lower Upper

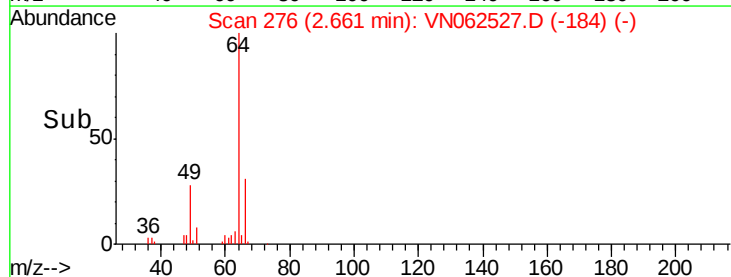
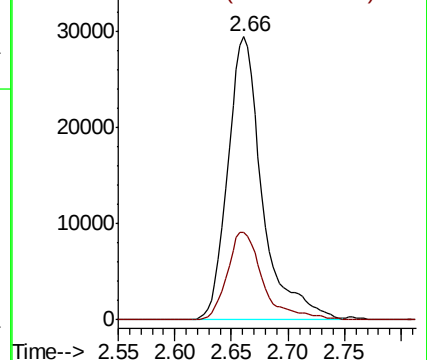
64 100

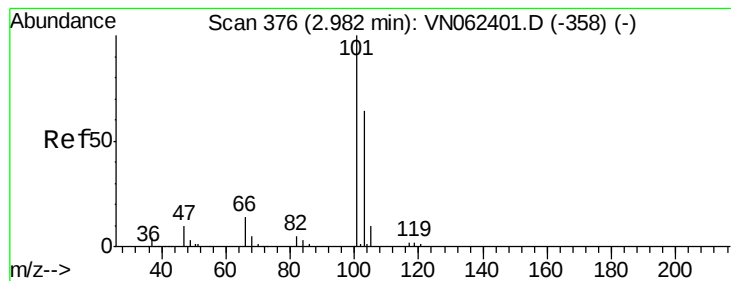
66 30.9 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



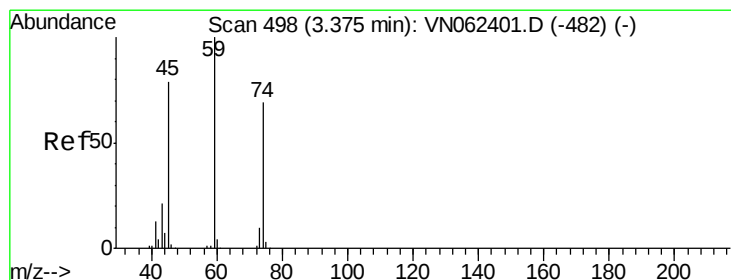
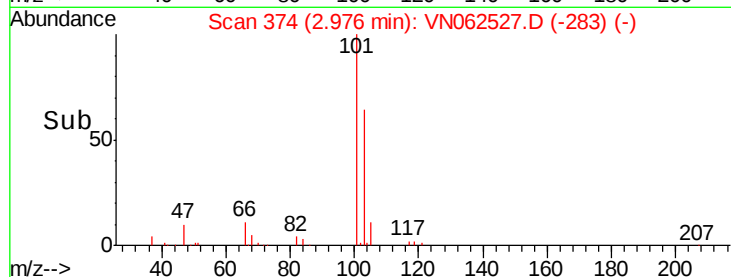
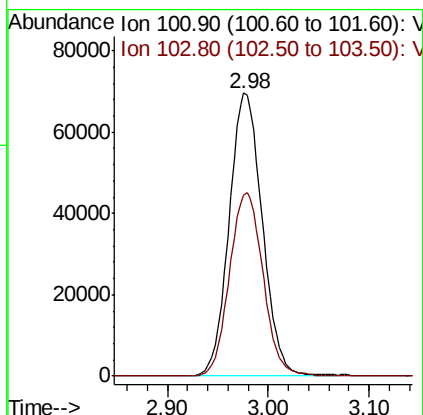
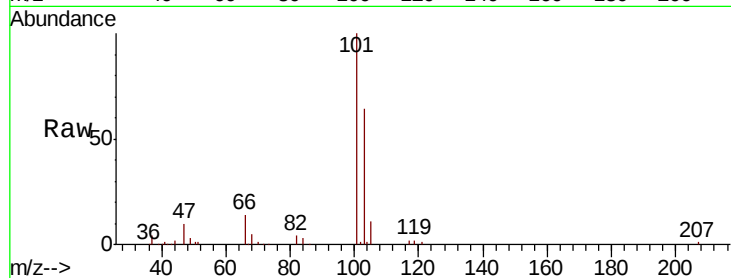


#7

Trichlorofluoromethane
 Concen: 44.522 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

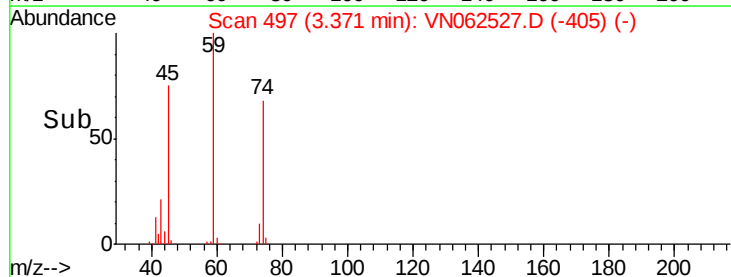
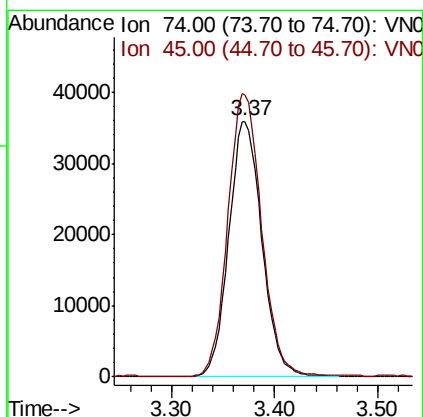
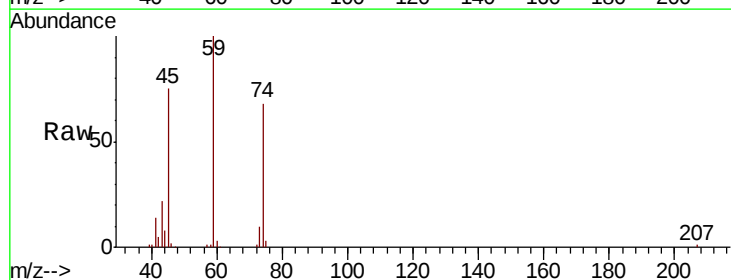
Tot Ion:101 Resp: 159302
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.6 77.4

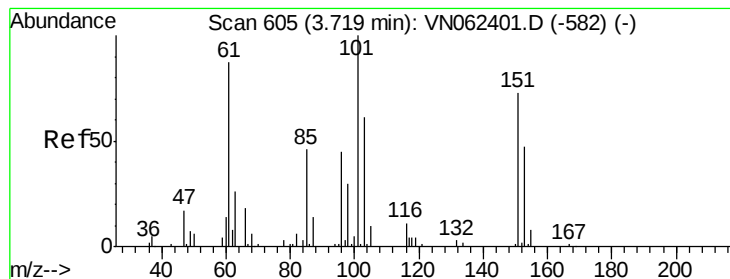


#8

Diethyl Ether
 Concen: 50.304 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

Tgt Ion: 74 Resp: 80483
 Ion Ratio Lower Upper
 74 100
 45 112.7 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.540 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

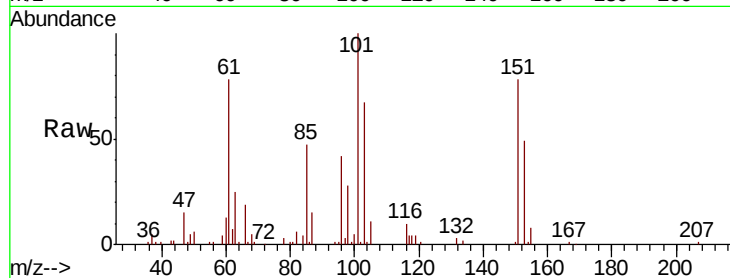
Tot Ion:101 Resp: 113560

Ion Ratio Lower Upper

101 100

85 46.3 36.7 55.1

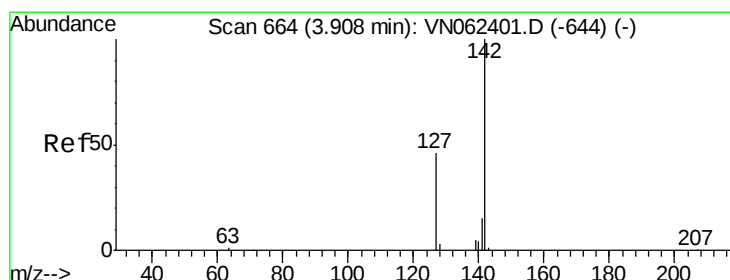
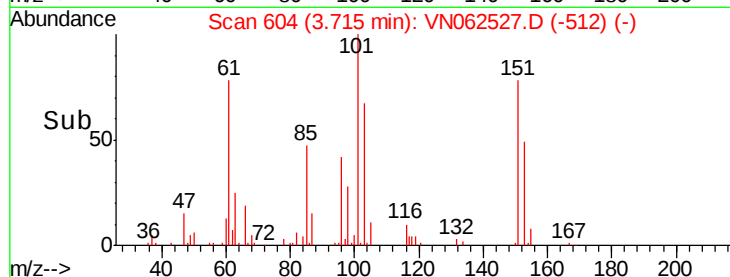
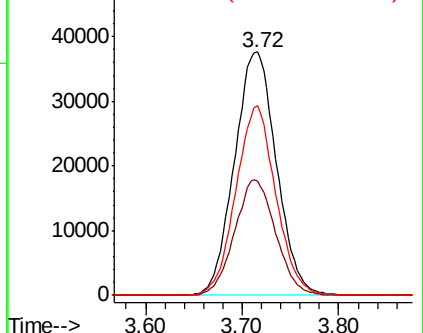
151 74.0 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.145 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

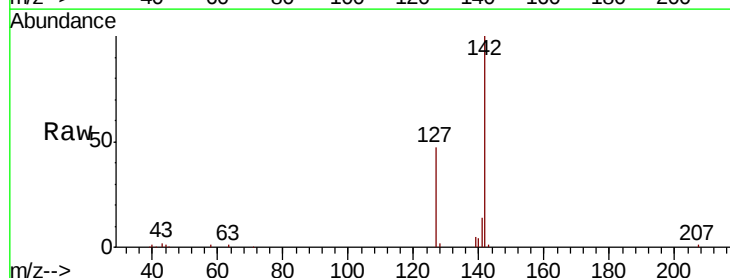
Tgt Ion:142 Resp: 137637

Ion Ratio Lower Upper

142 100

127 45.8 36.1 54.1

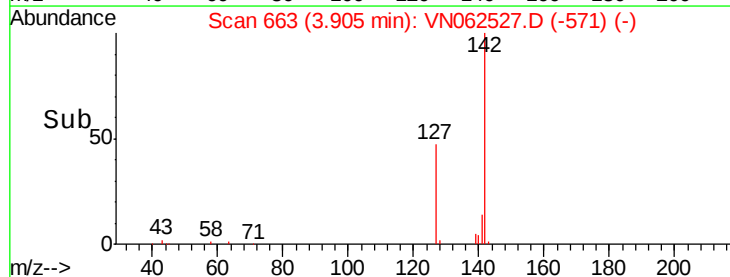
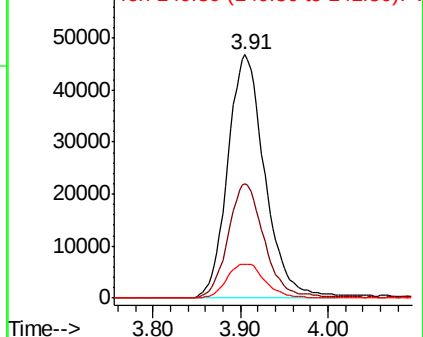
141 14.5 11.4 17.0

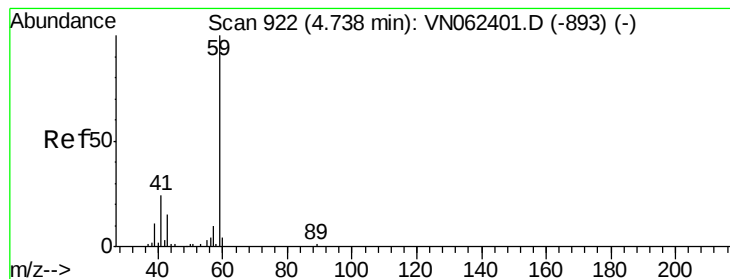


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



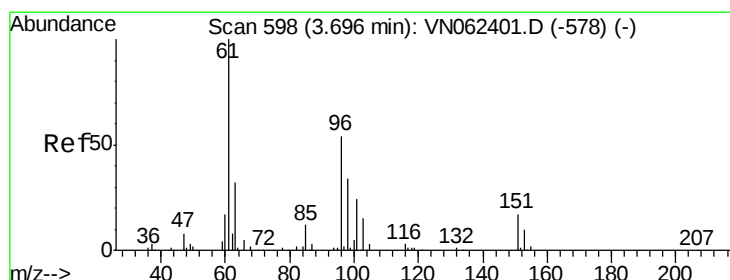
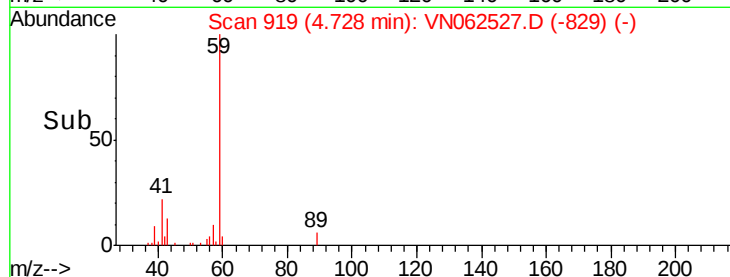
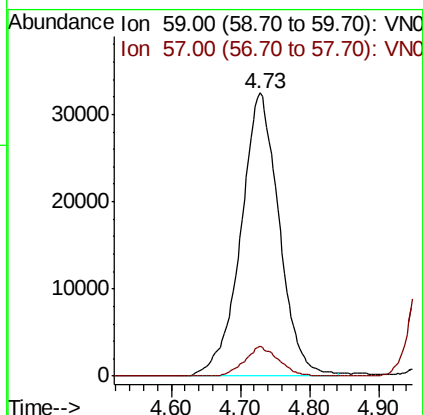
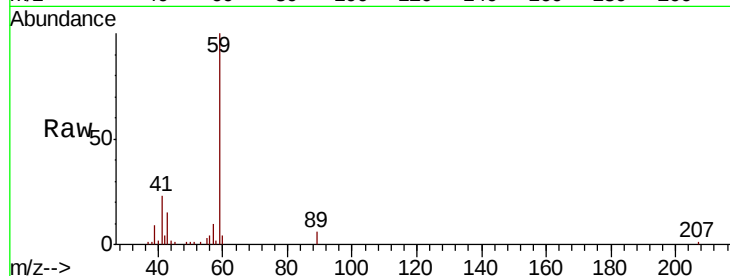


#11

Tert butyl alcohol
 Concen: 232.253 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

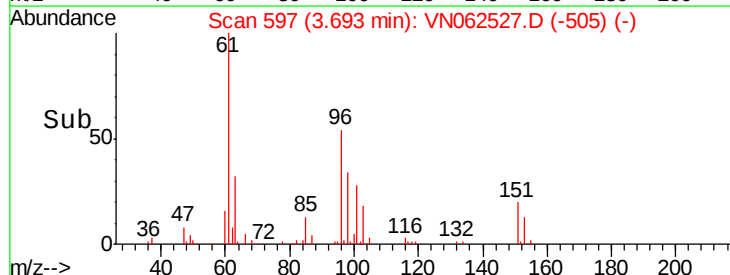
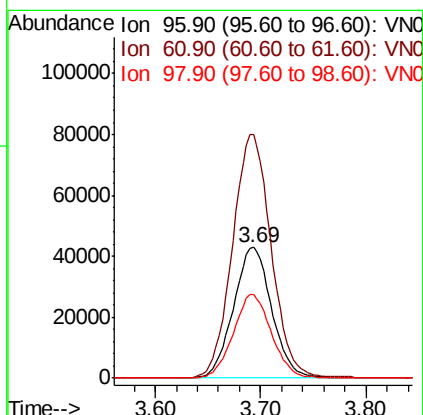
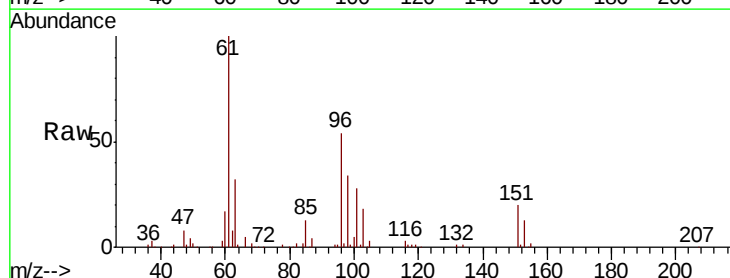
Tot Ion: 59 Resp: 124678
 Ion Ratio Lower Upper
 59 100
 57 9.3 7.8 11.6

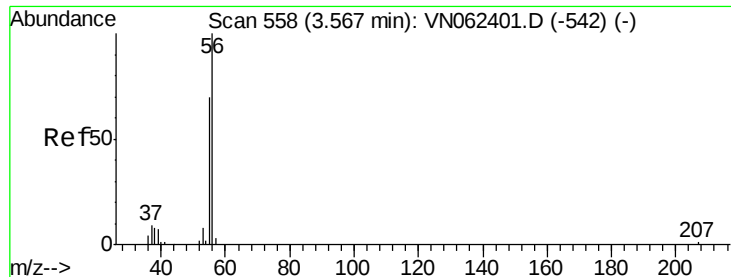


#12

1,1-Dichloroethene
 Concen: 50.025 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

Tgt Ion: 96 Resp: 108029
 Ion Ratio Lower Upper
 96 100
 61 186.2 147.4 221.0
 98 64.0 50.4 75.6





#13

Acrolein

Concen: 308.328 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.01 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampled :

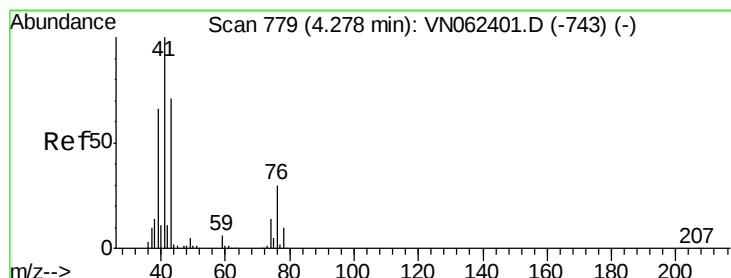
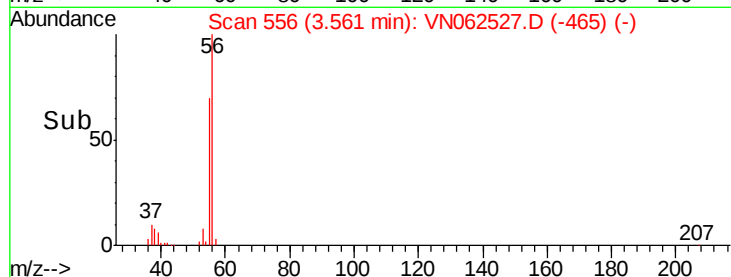
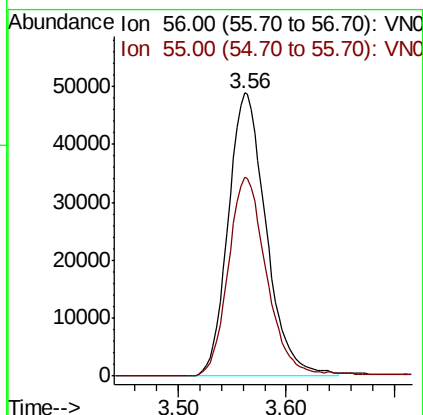
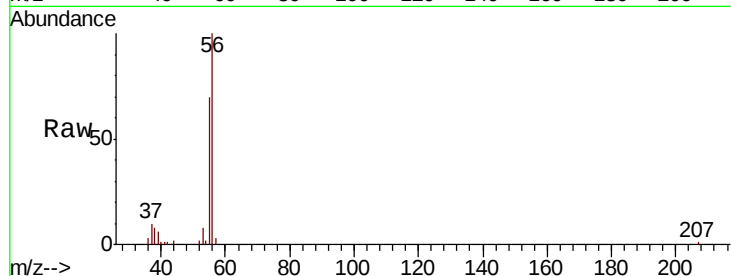
VSTDCCC050

Tot Ion: 56 Resp: 119400

Ion Ratio Lower Upper

56 100

55 70.4 57.2 85.8



#14

Allyl chloride

Concen: 47.972 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.01 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

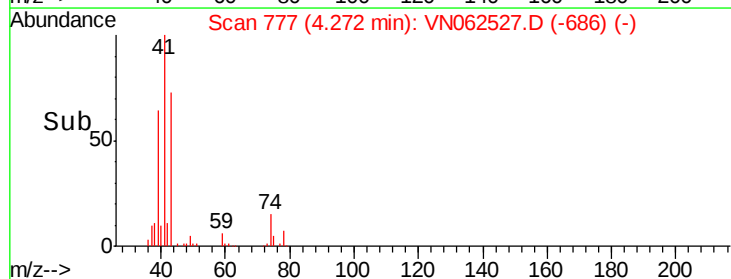
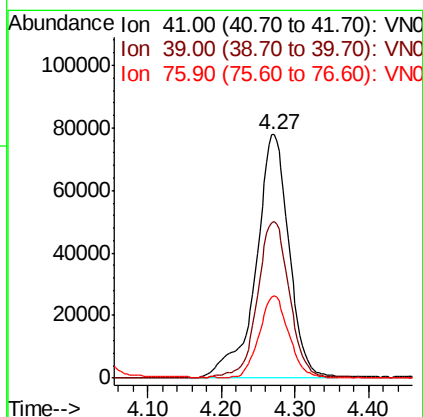
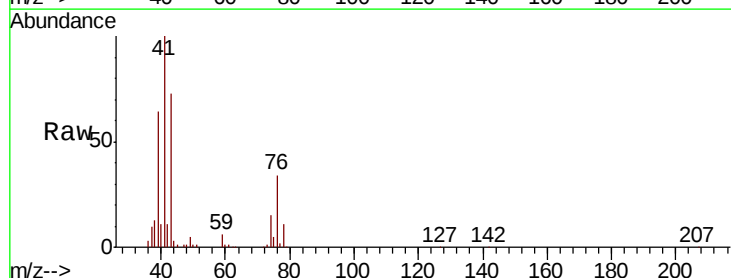
Tgt Ion: 41 Resp: 243644

Ion Ratio Lower Upper

41 100

39 62.4 49.6 74.4

76 29.7 22.2 33.4





#15

Acrylonitrile

Concen: 247.940 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.01 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

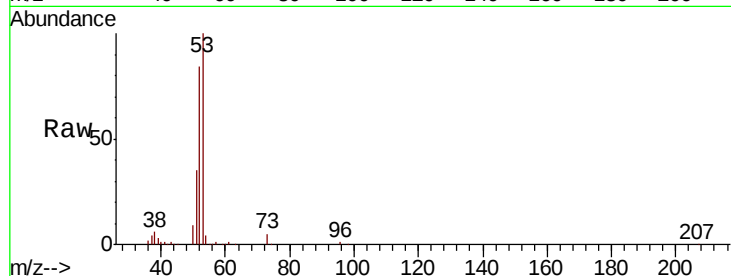
Tot Ion: 53 Resp: 349074

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.4

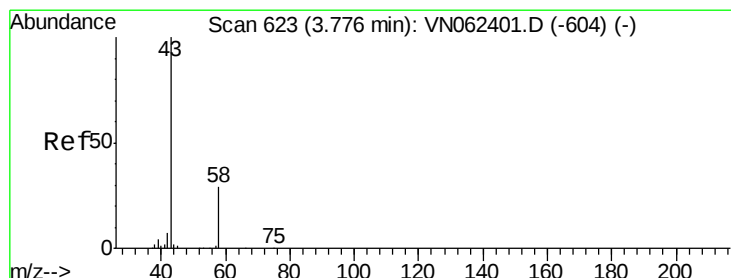
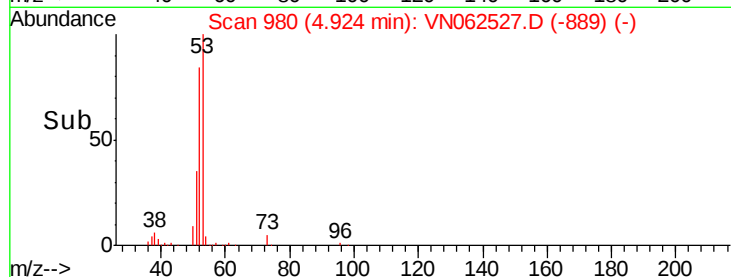
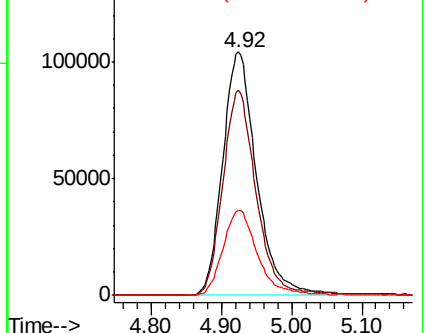
51 35.7 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN062527.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN062527.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN062527.D (-960) (-)



#16

Acetone

Concen: 307.908 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.01 min

Lab File: VN062527.D

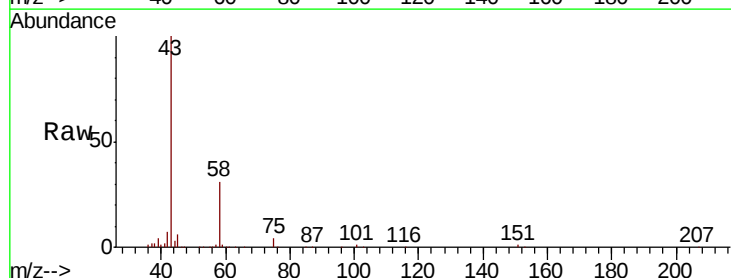
Acq: 15 Jul 2020 9:43

Tgt Ion: 43 Resp: 423042

Ion Ratio Lower Upper

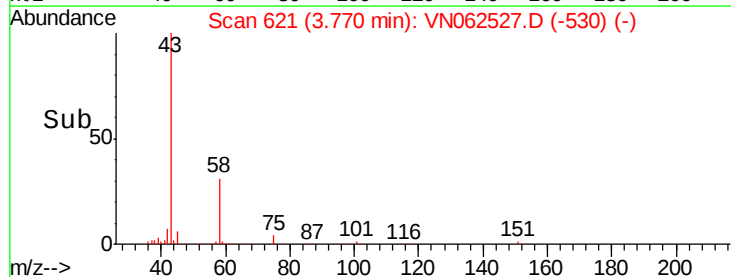
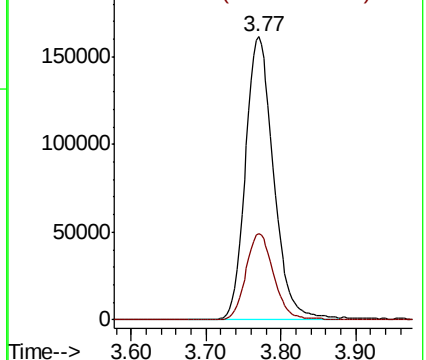
43 100

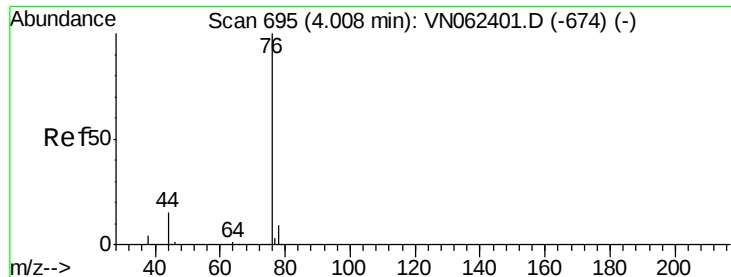
58 30.6 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN062527.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN062527.D (-530) (-)

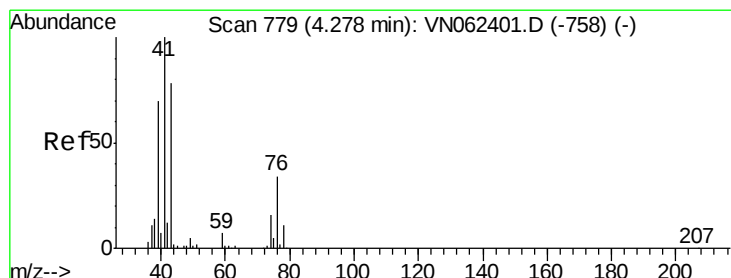
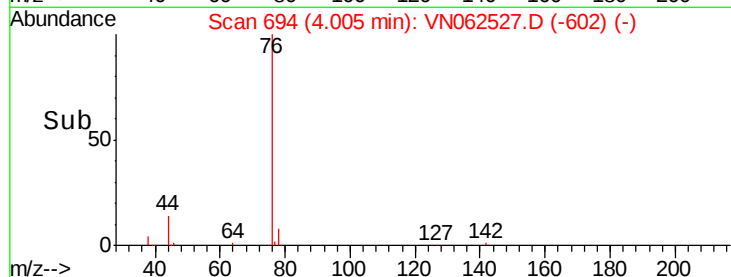
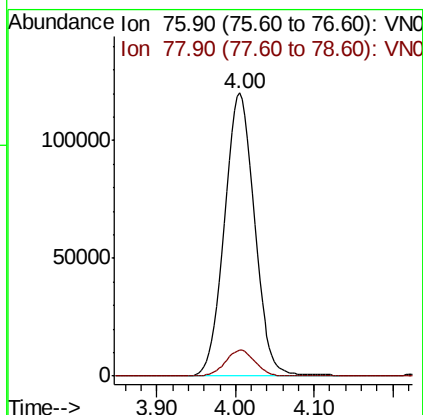
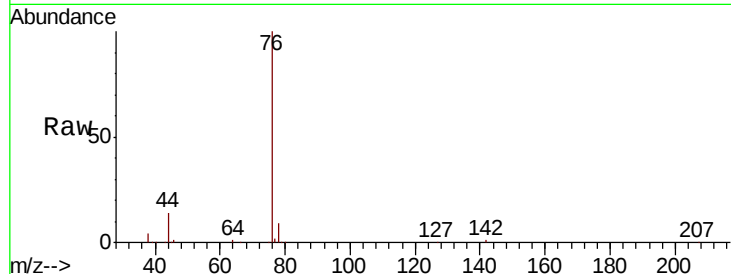




#17
Carbon Disulfide
Concen: 47.100 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

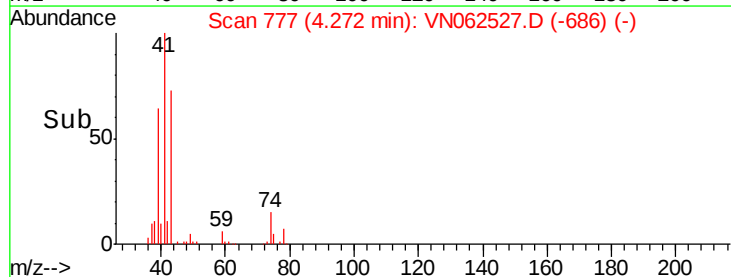
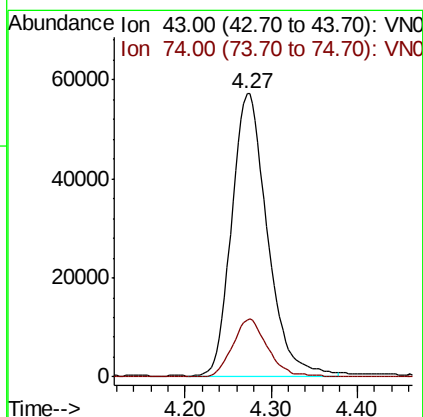
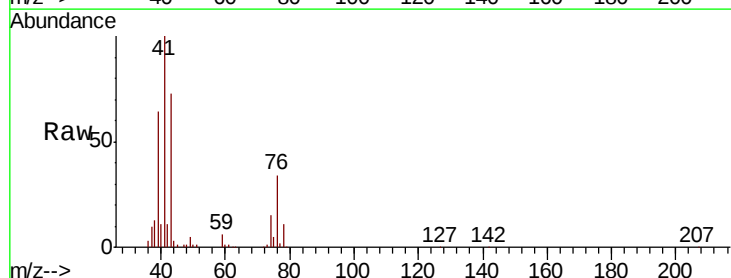
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

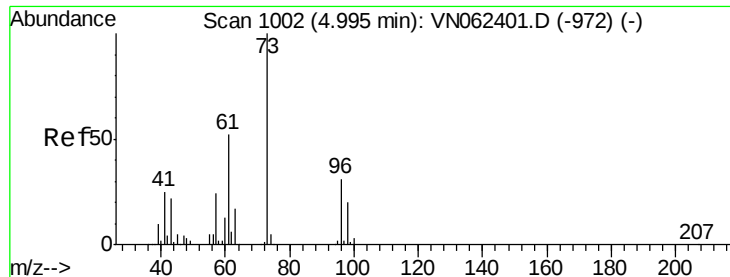
Tot Ion: 76 Resp: 318718
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 47.869 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Tgt Ion: 43 Resp: 164128
Ion Ratio Lower Upper
43 100
74 20.1 16.0 24.0

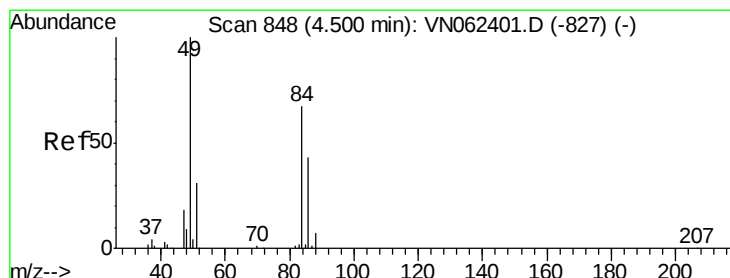
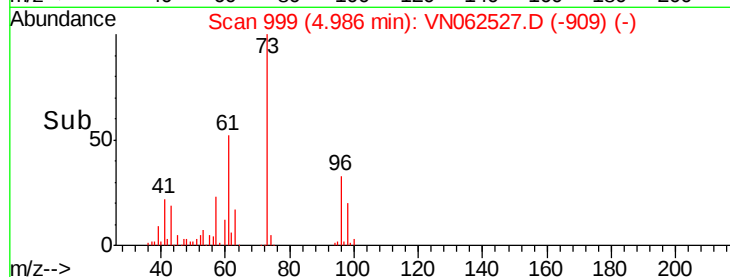
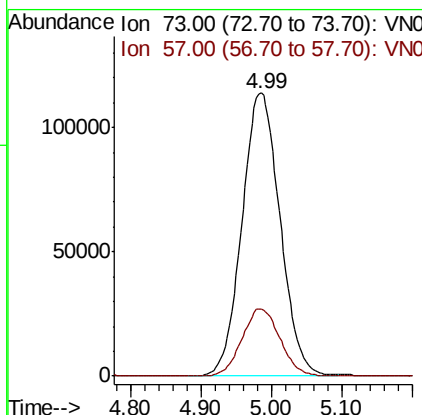
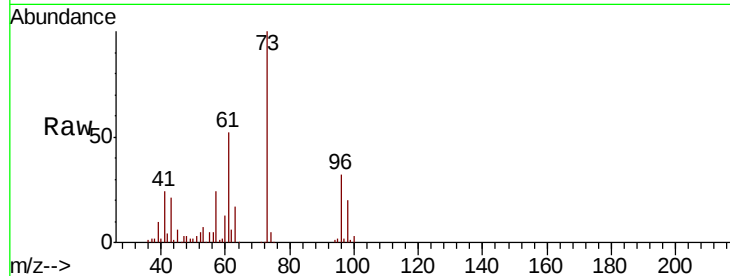




#19
Methyl tert-butyl Ether
Concen: 52.313 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

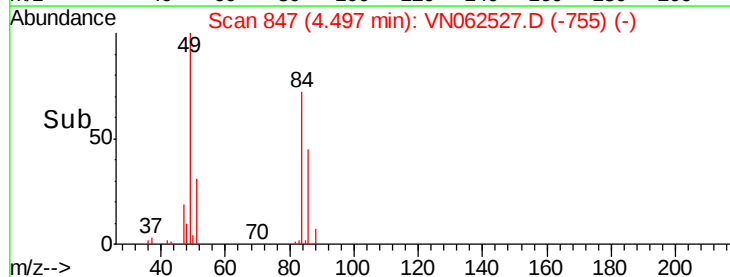
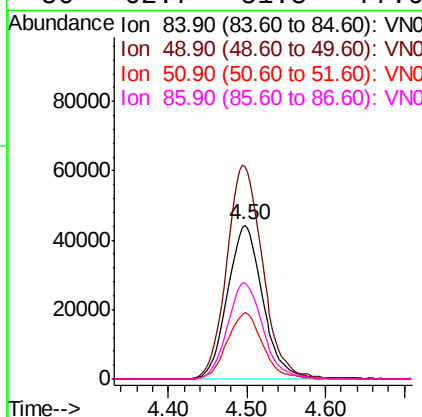
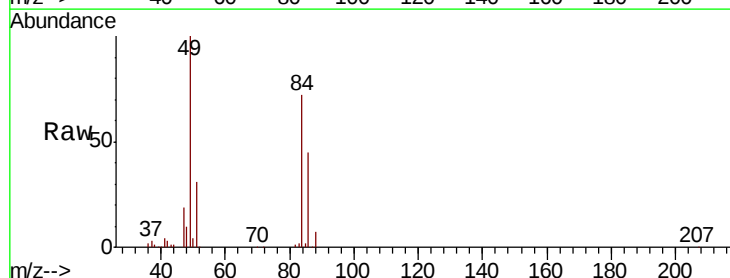
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

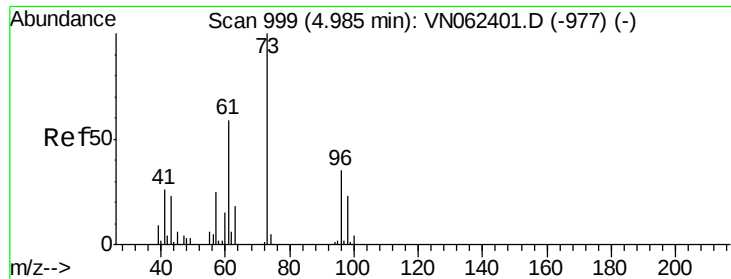
Tot Ion: 73 Resp: 428307
Ion Ratio Lower Upper
73 100
57 23.8 19.4 29.0



#20
Methylene Chloride
Concen: 47.019 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Tgt Ion: 84 Resp: 138123
Ion Ratio Lower Upper
84 100
49 138.1 120.0 180.0
51 43.1 37.0 55.6
86 62.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 51.841 ug/l

RT: 4.98 min Scan# 997

Delta R.T. -0.01 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

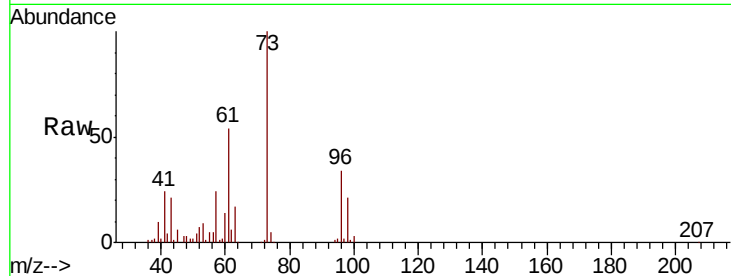
Tot Ion: 96 Resp: 121282

Ion Ratio Lower Upper

96 100

61 159.3 133.5 200.3

98 62.4 51.9 77.9

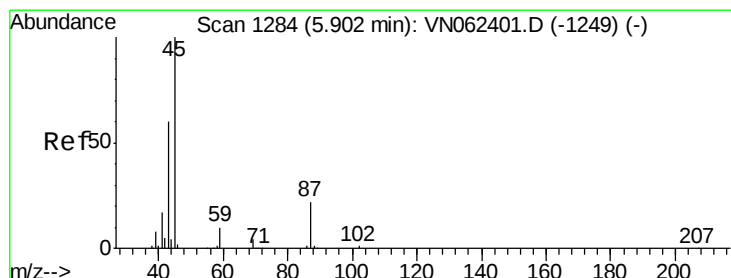
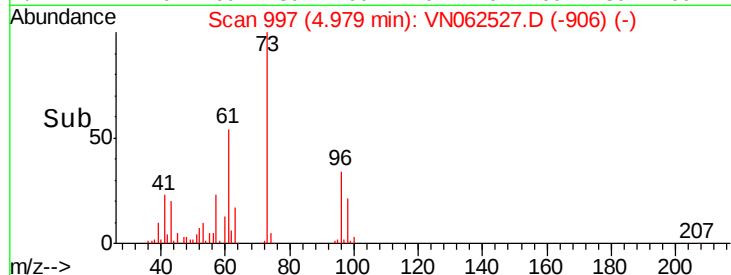
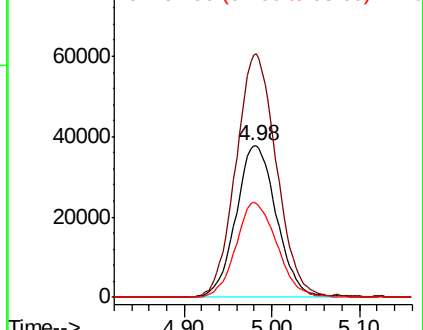


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 51.328 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Tgt Ion: 45 Resp: 515037

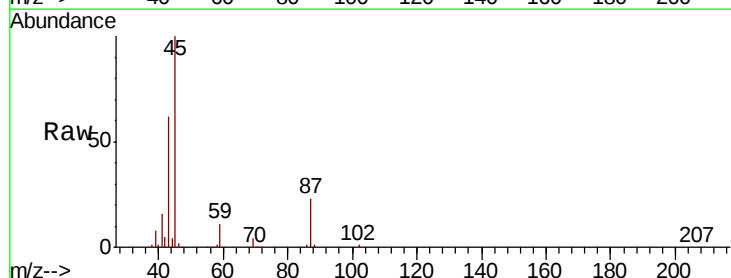
Ion Ratio Lower Upper

45 100

43 60.7 50.1 75.1

87 23.5 18.2 27.4

59 10.9 8.2 12.2



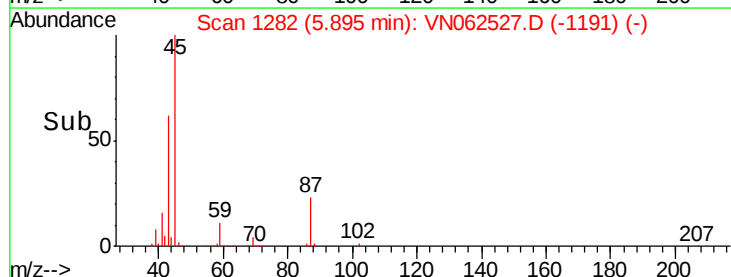
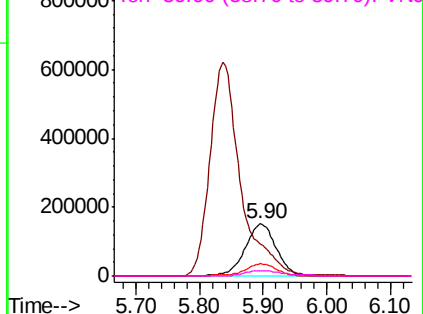
Abundance

Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 250.538 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

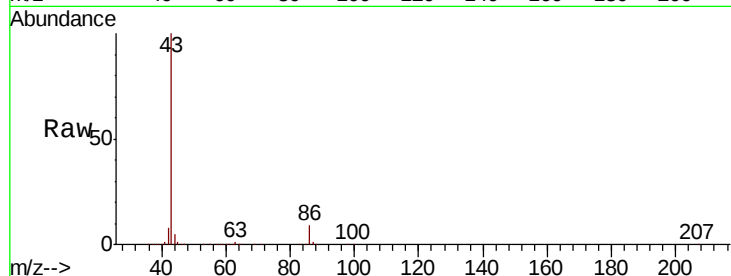
VSTDCCC050

Tot Ion: 43 Resp: 2082518

Ion Ratio Lower Upper

43 100

86 8.7 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1240) (-)

Ion 86.00 (85.70 to 86.70): VN062401.D (-1240) (-)

5.84

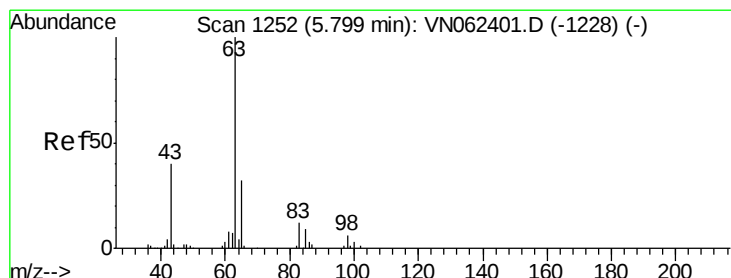
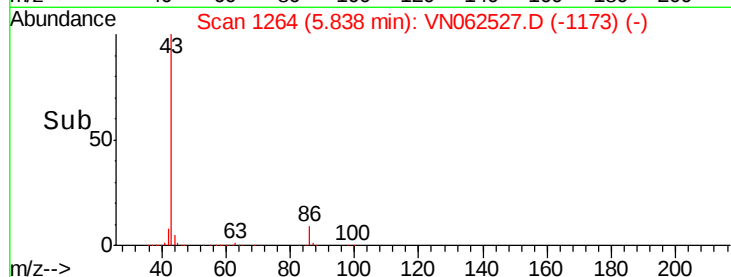
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.581 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

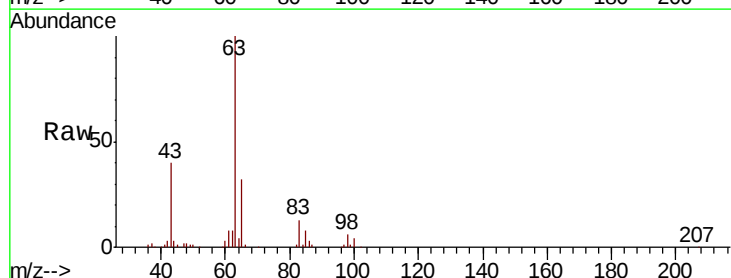
Tgt Ion: 63 Resp: 262266

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 3.8 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN062401.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062401.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062401.D (-1228) (-)

5.79

100000

80000

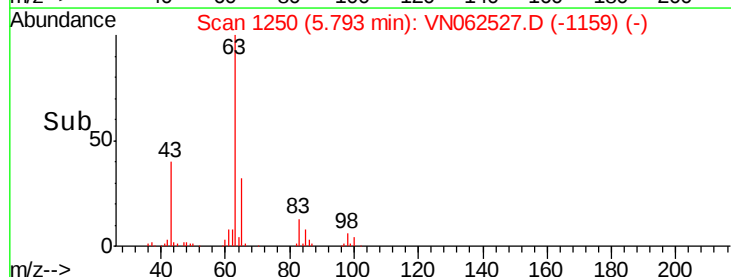
60000

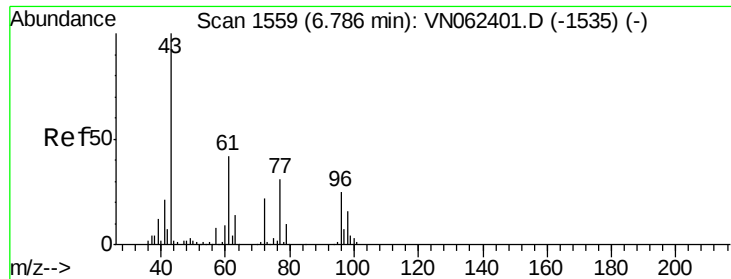
40000

20000

0

Time-->

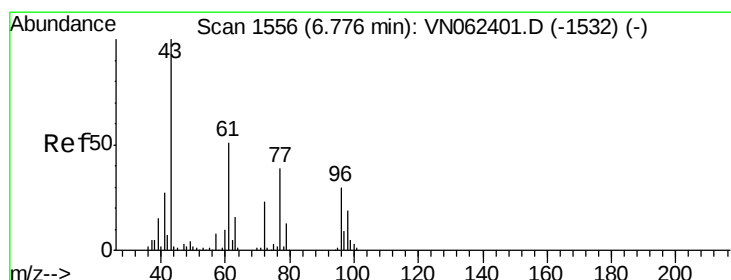
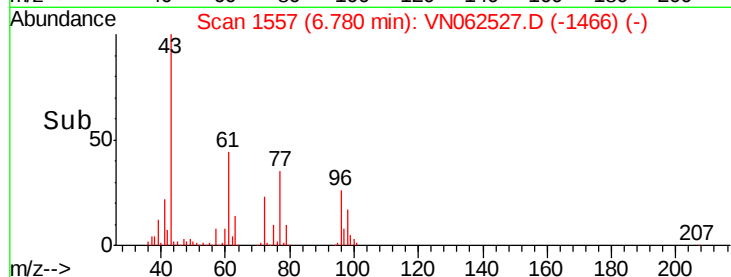
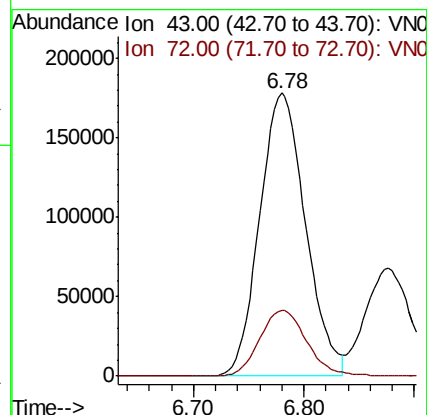
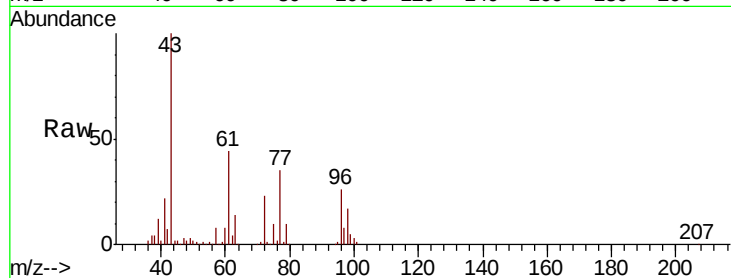




#25
2-Butanone
Concen: 255.226 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

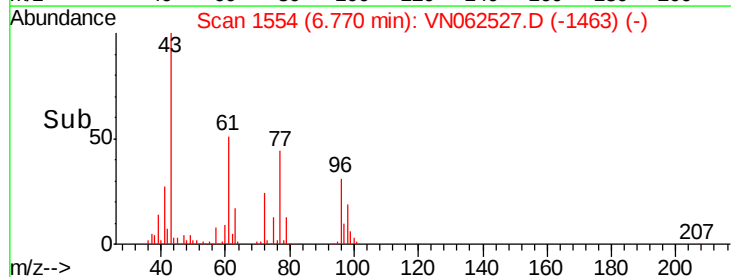
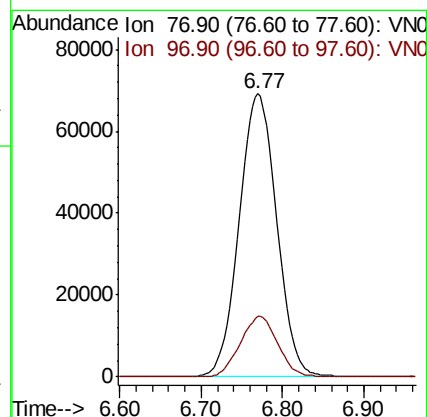
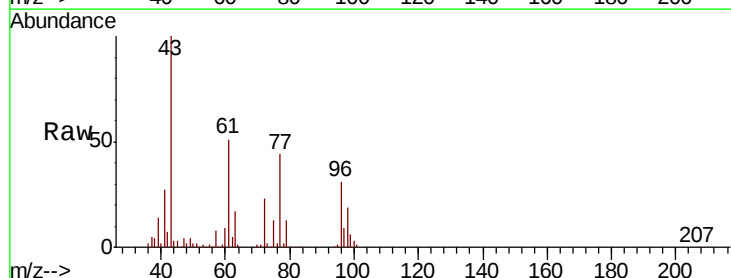
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

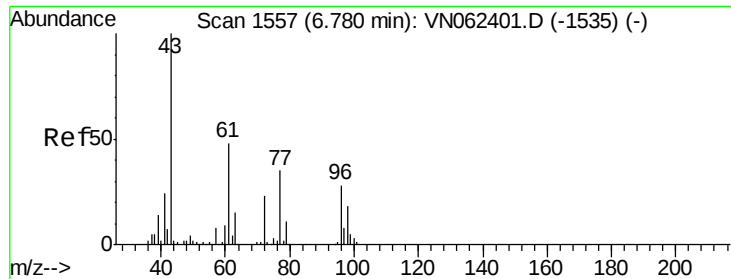
Tot Ion: 43 Resp: 512118
Ion Ratio Lower Upper
43 100
72 23.4 17.9 26.9



#26
2,2-Dichloropropane
Concen: 55.446 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Tgt Ion: 77 Resp: 220432
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.754 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

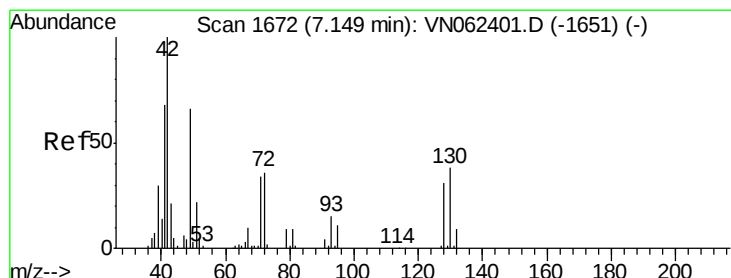
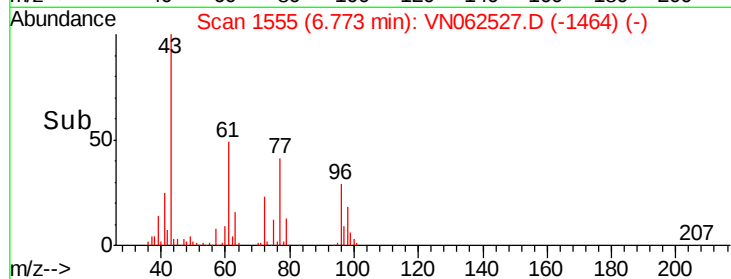
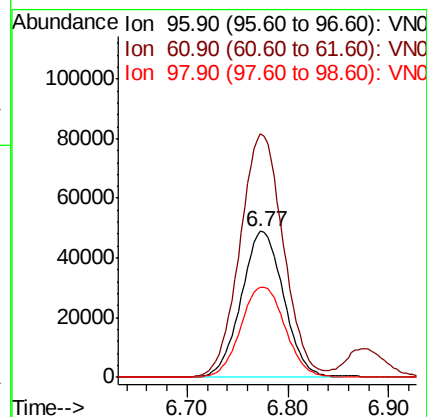
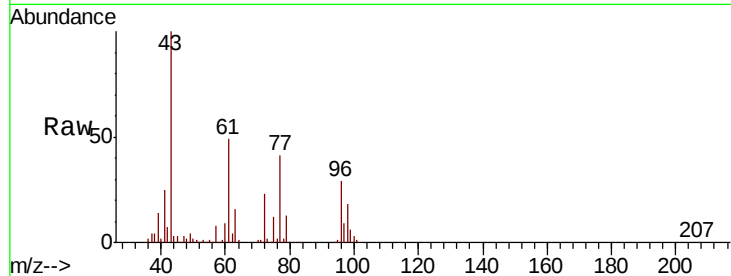
Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 142952

Ion	Ratio	Lower	Upper
96	100		
61	170.7	0.0	343.4
98	64.6	0.0	128.4



#28

Bromochloromethane

Concen: 52.303 ug/l

RT: 7.14 min Scan# 1670

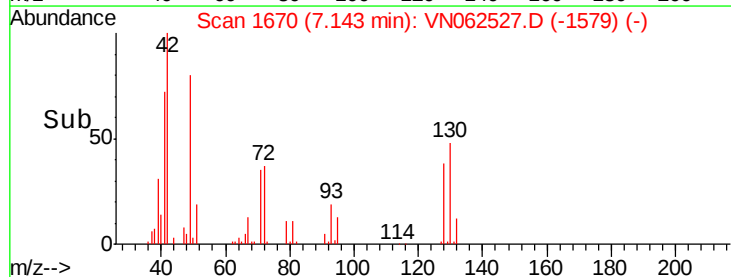
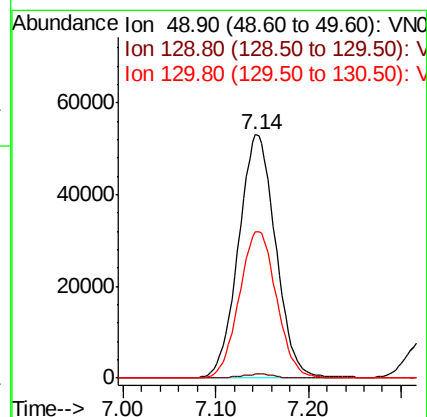
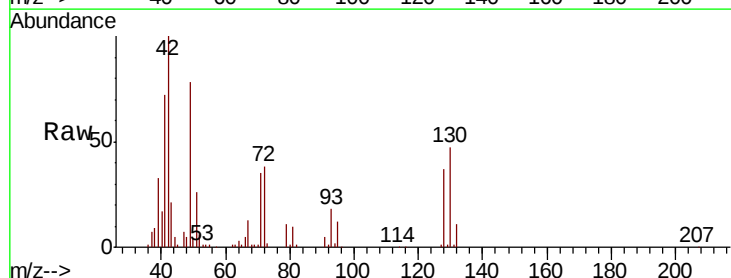
Delta R.T. -0.01 min

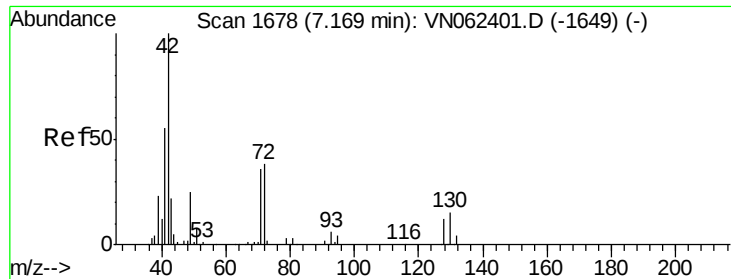
Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Tgt Ion: 49 Resp: 147339

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.8
130	60.5	46.5	69.7

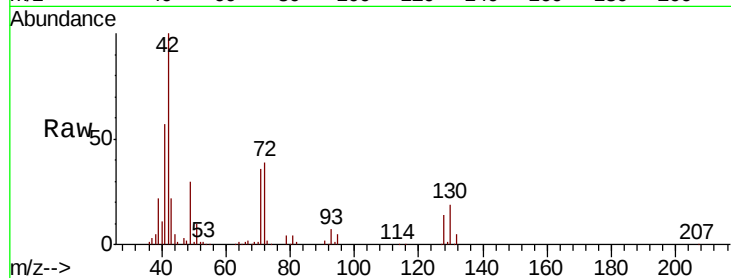




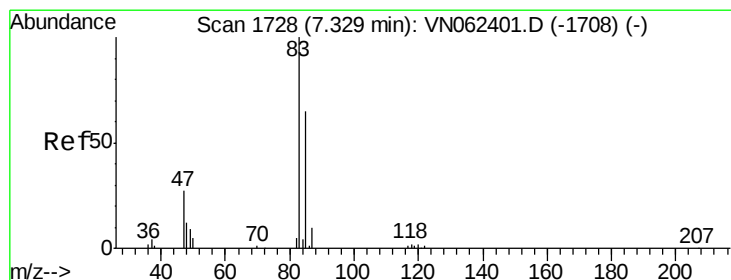
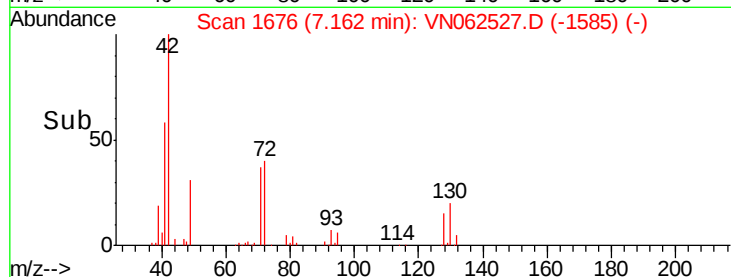
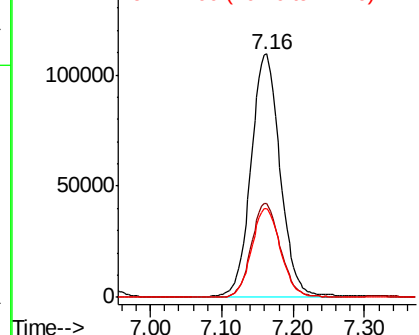
#29
Tetrahydrofuran
Concen: 231.142 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	29.1	43.7
71	36.2	28.1	42.1

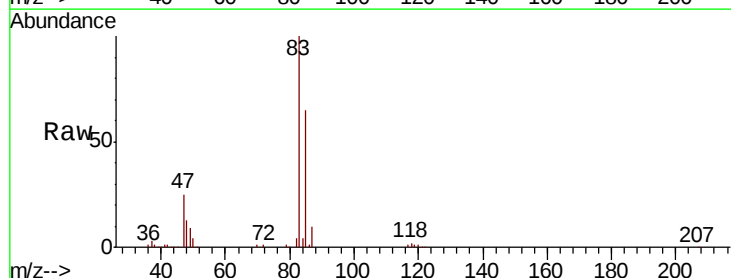


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

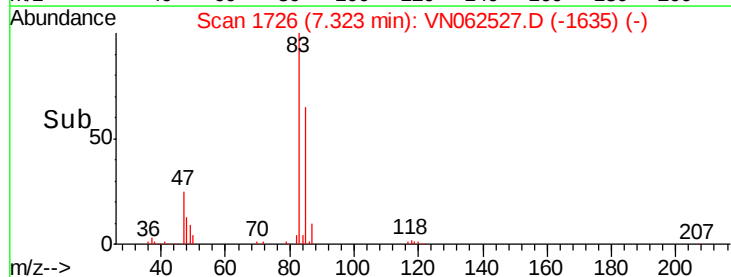
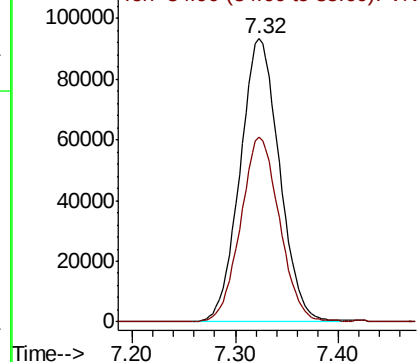


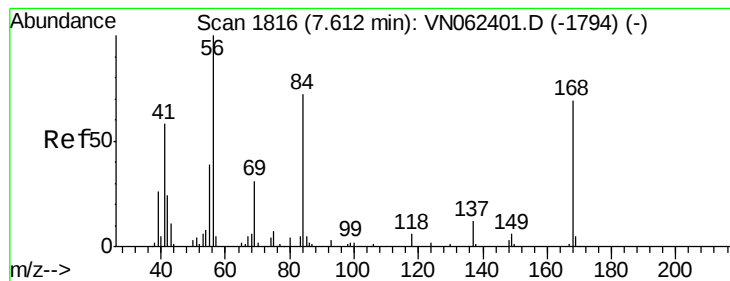
#30
Chloroform
Concen: 52.894 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.8	77.6



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





#31

Cyclohexane

Concen: 47.680 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

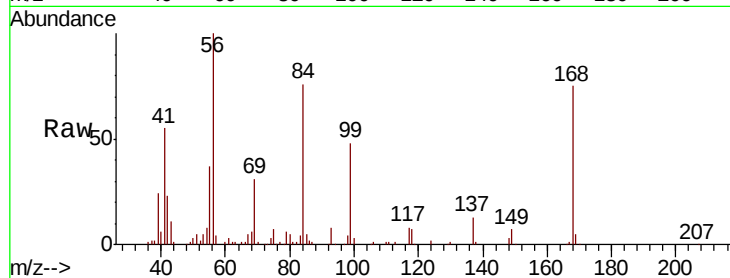
Tot Ion: 56 Resp: 234369

Ion Ratio Lower Upper

56 100

69 31.2 24.5 36.7

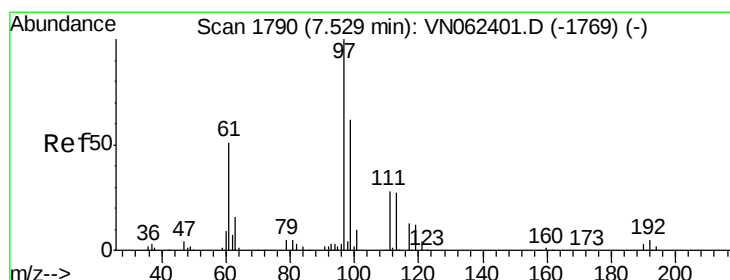
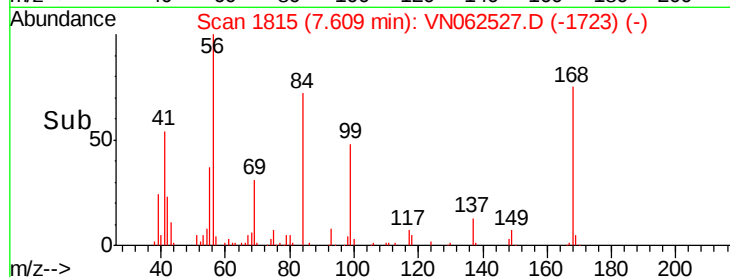
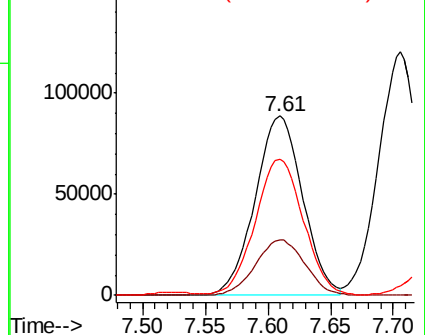
84 74.8 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN062401.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN062401.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN062401.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 52.549 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

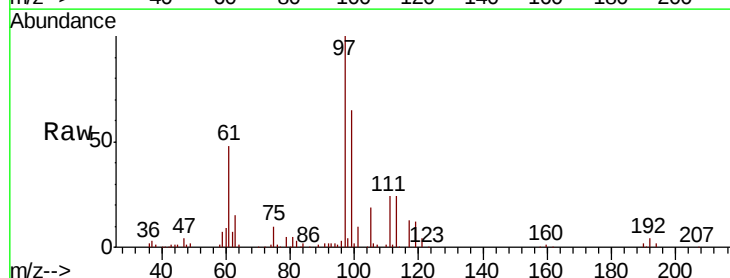
Tgt Ion: 97 Resp: 204637

Ion Ratio Lower Upper

97 100

99 64.7 50.4 75.6

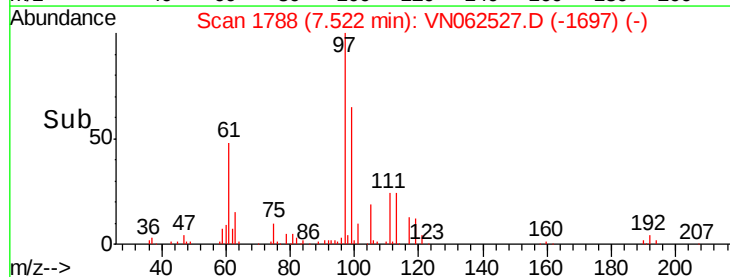
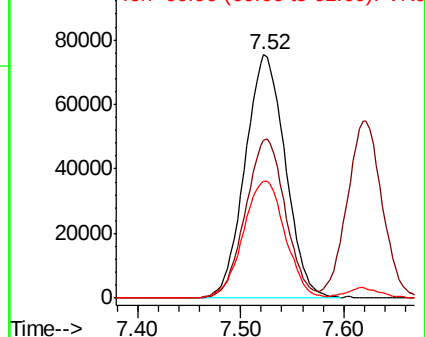
61 50.2 39.9 59.9

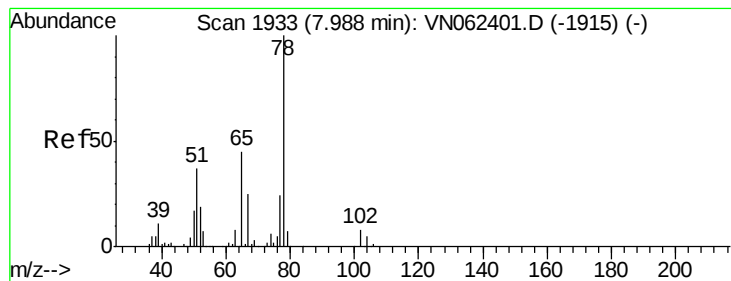


Abundance Ion 96.90 (96.60 to 97.60): VN062401.D (-1769) (-)

Ion 98.90 (98.60 to 99.60): VN062401.D (-1769) (-)

Ion 60.90 (60.60 to 61.60): VN062401.D (-1769) (-)





#33

1,2-Dichloroethane-d4

Concen: 47.459 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.01 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

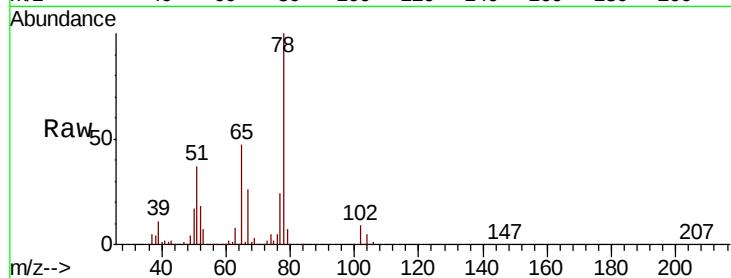
VSTDCCC050

Tot Ion: 65 Resp: 153583

Ion Ratio Lower Upper

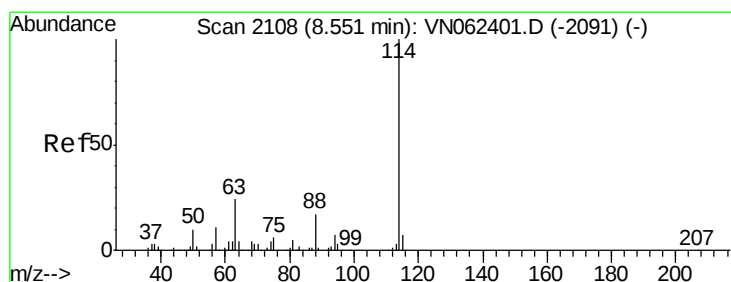
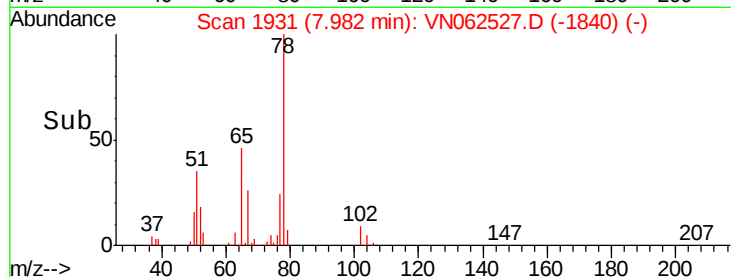
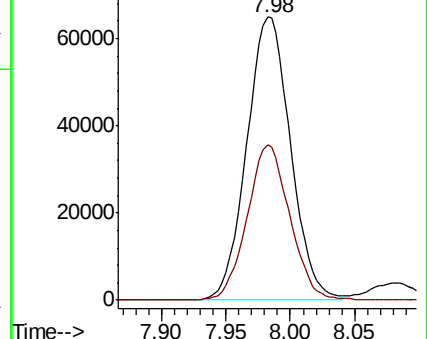
65 100

67 53.4 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN062401.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN062401.D (-1915) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

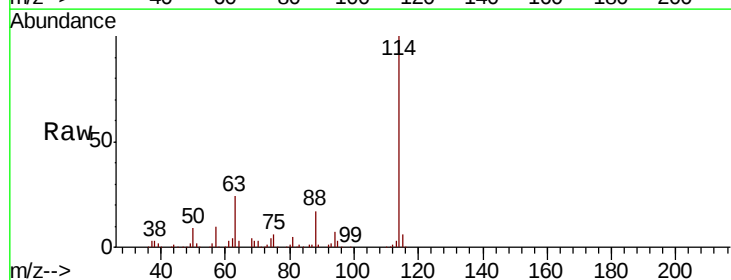
Tgt Ion: 114 Resp: 344559

Ion Ratio Lower Upper

114 100

63 24.0 0.0 48.4

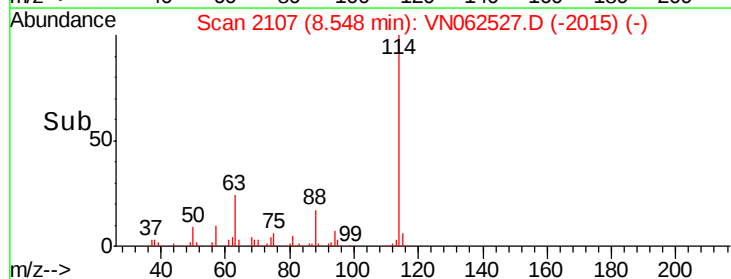
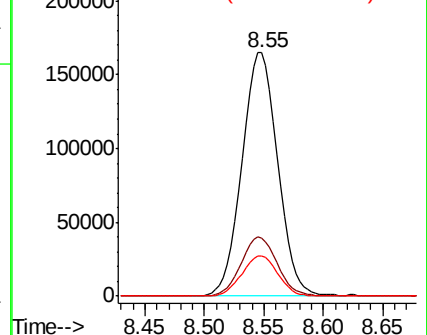
88 16.6 0.0 33.8

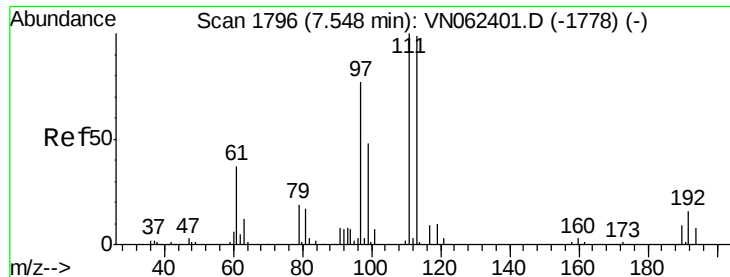


Abundance Ion 113.90 (113.60 to 114.60): VN062401.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN062401.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN062401.D (-2091) (-)

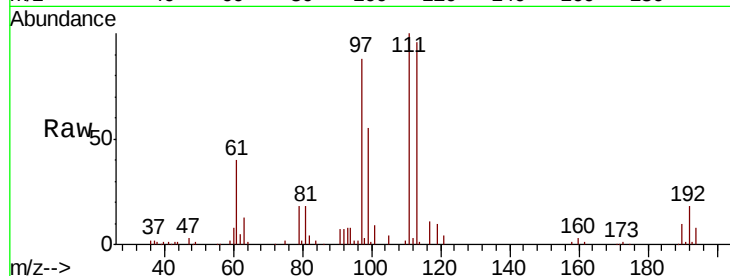




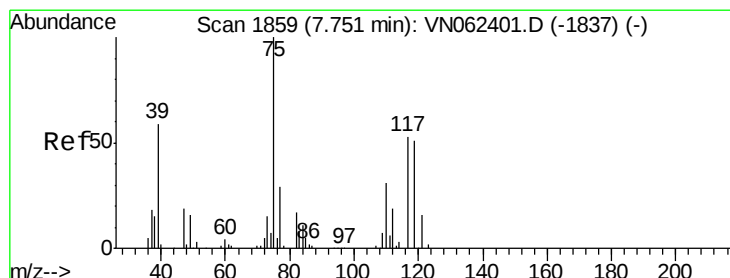
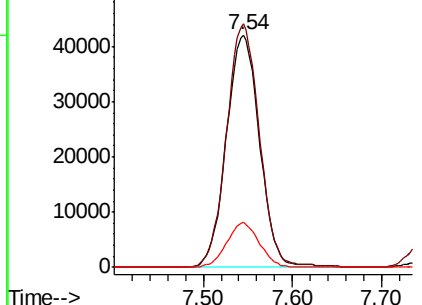
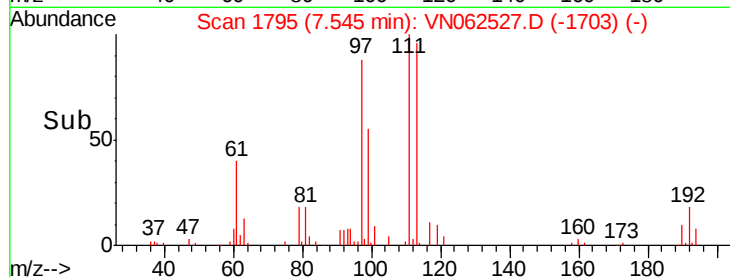
#35
 Dibromofluoromethane
 Concen: 51.072 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.1	124.7
192	18.7	14.1	21.1

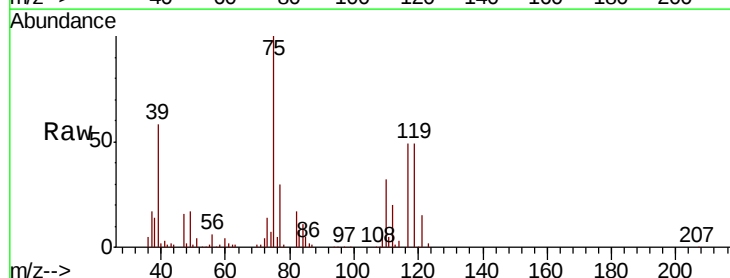


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

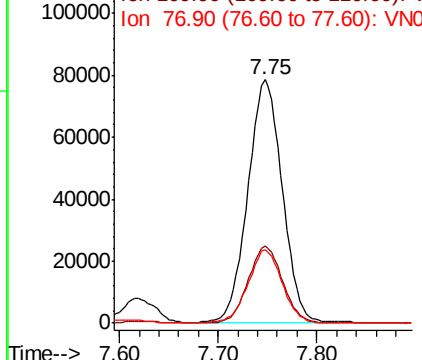
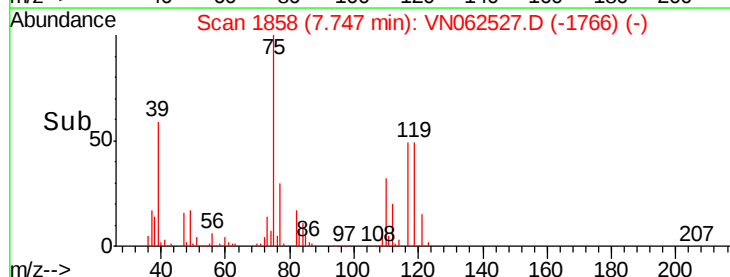


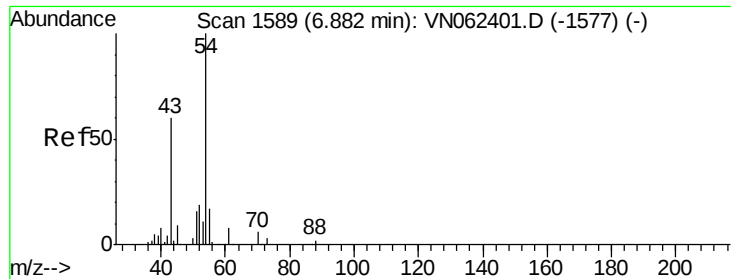
#36
 1,1-Dichloropropene
 Concen: 54.386 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.6	15.4	46.2
77	30.2	24.1	36.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

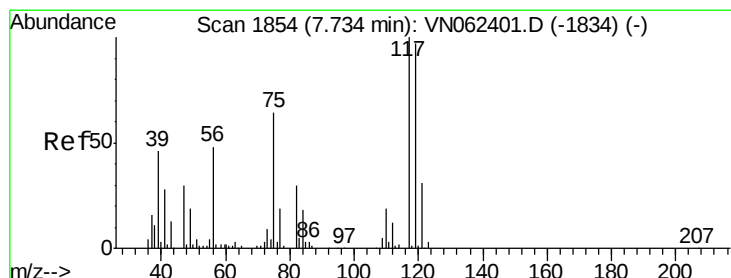
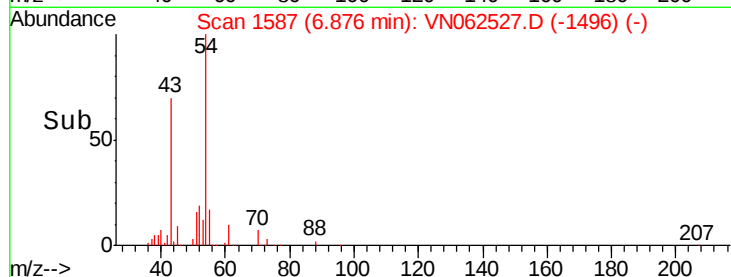
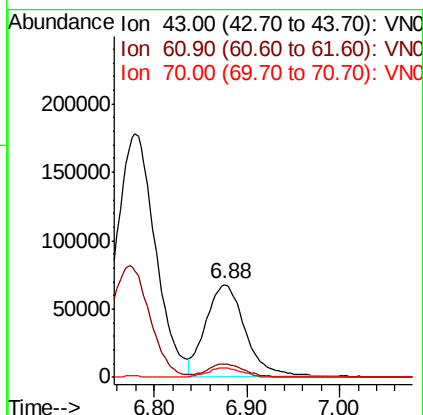
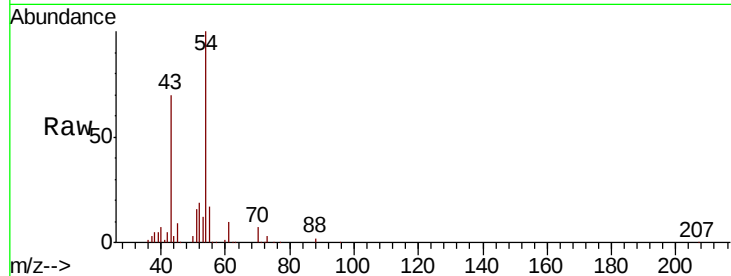




#37
Ethyl Acetate
Concen: 48.692 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

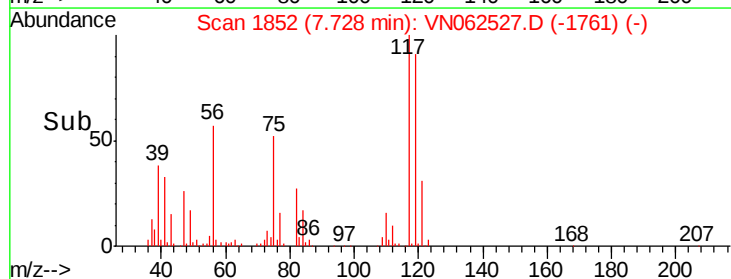
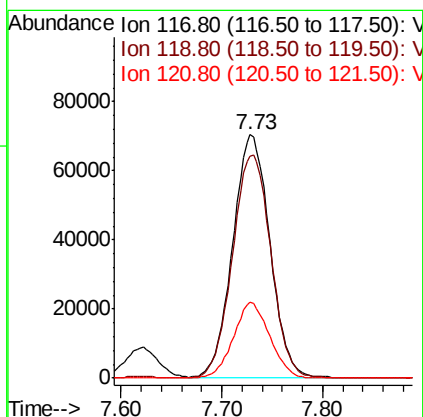
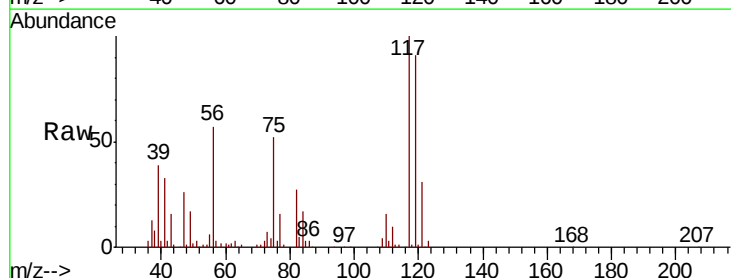
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

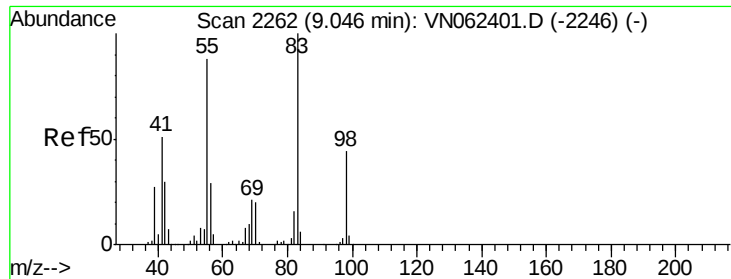
Tot Ion: 43 Resp: 197648
Ion Ratio Lower Upper
43 100
61 13.0 10.7 16.1
70 9.4 7.2 10.8



#38
Carbon Tetrachloride
Concen: 57.452 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Tgt Ion: 117 Resp: 179301
Ion Ratio Lower Upper
117 100
119 91.7 77.2 115.8
121 31.1 24.8 37.2

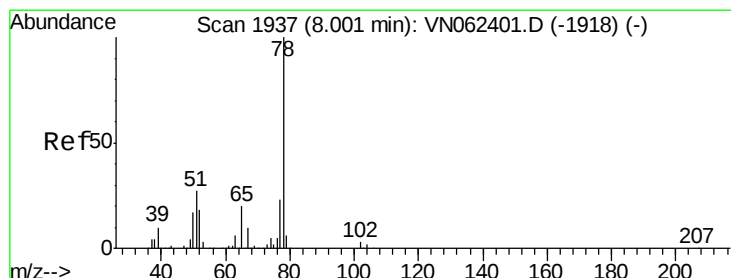
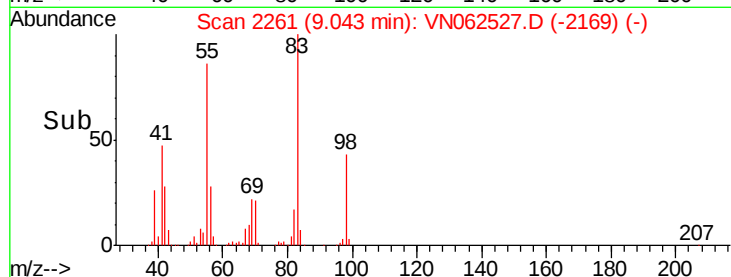
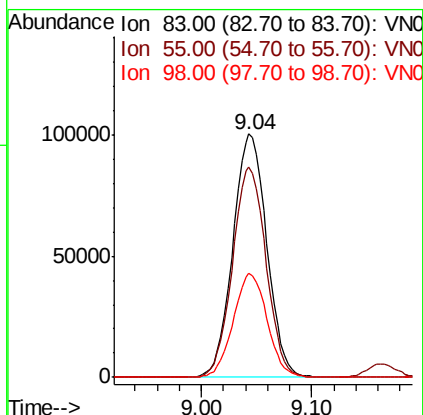
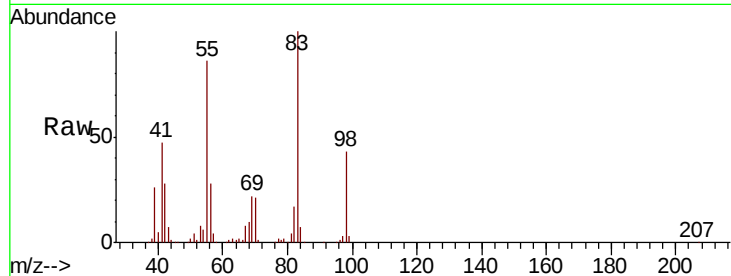




#39
Methvlcvclohexane
Concen: 57.768 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

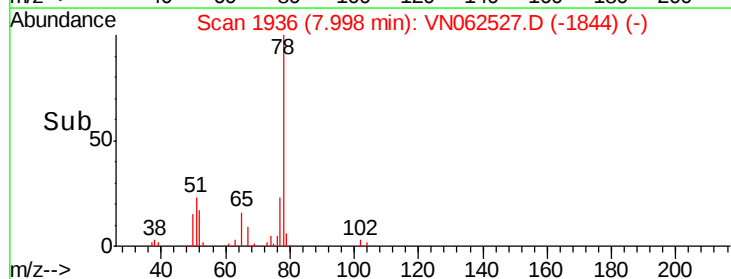
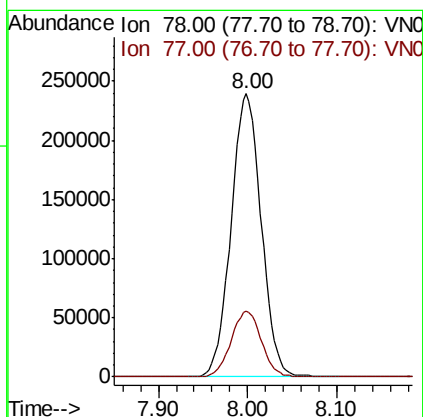
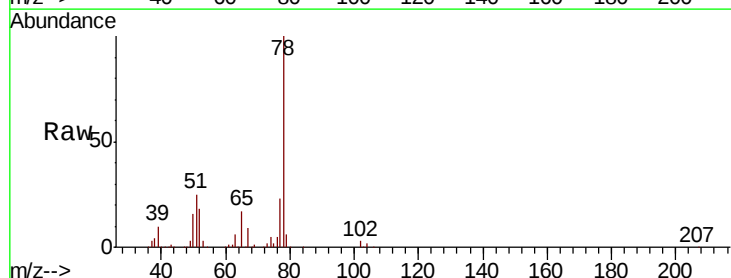
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

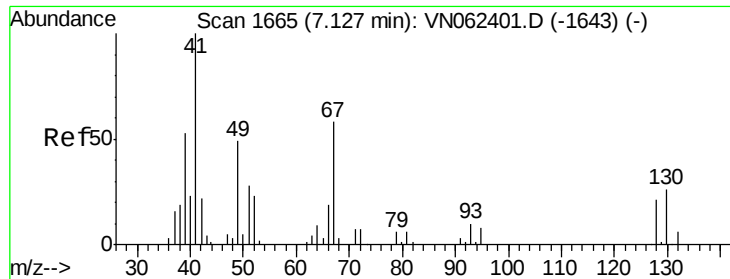
Tot Ion: 83 Resp: 214091
Ion Ratio Lower Upper
83 100
55 86.4 70.5 105.7
98 42.6 35.5 53.3



#40
Benzene
Concen: 54.832 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Tgt Ion: 78 Resp: 560982
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

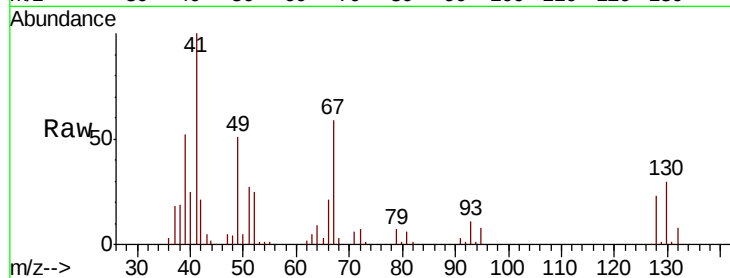




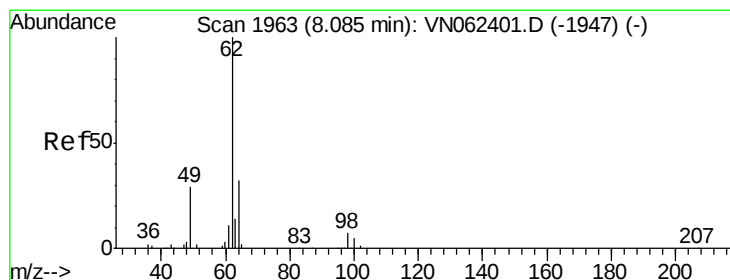
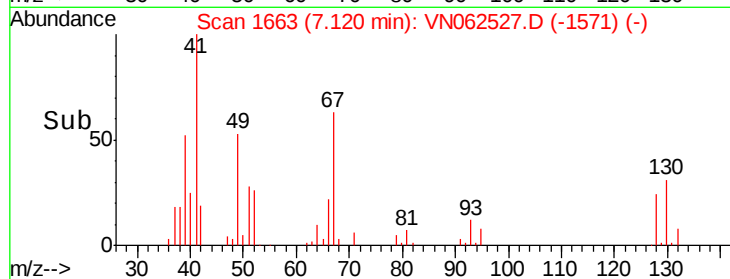
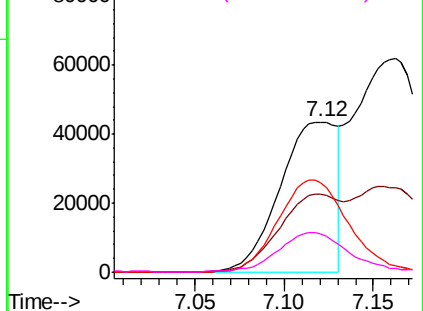
#41
Methacrylonitrile
Concen: 57.070 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	96786
Ion	Ratio	Lower	Upper
41	100		
39	56.1	50.2	75.2
67	76.2	64.2	96.2
52	33.3	28.0	42.0

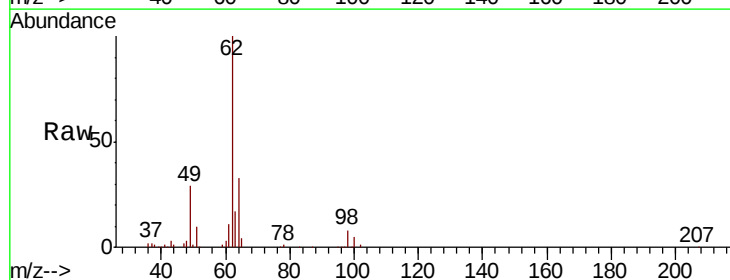


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

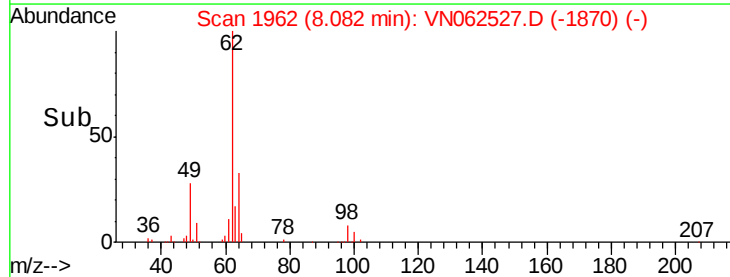
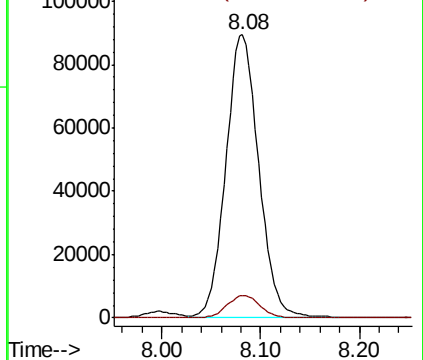


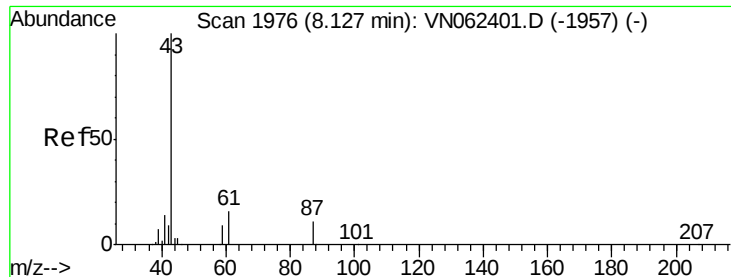
#42
1,2-Dichloroethane
Concen: 55.229 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Tgt Ion:	62	Resp:	206898
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 51.967 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.01 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

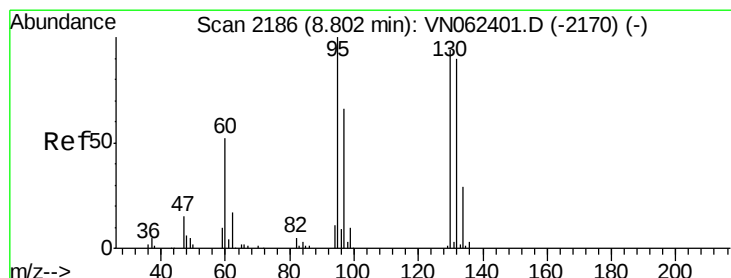
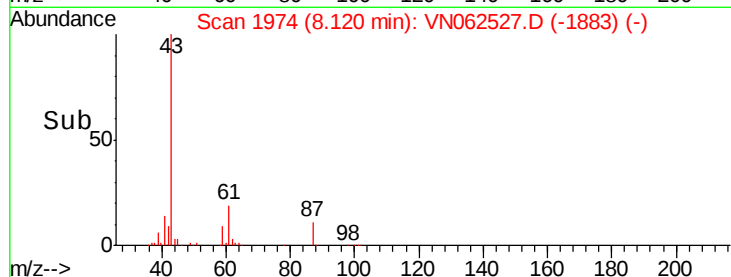
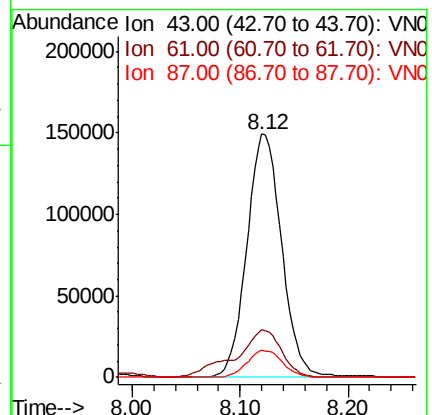
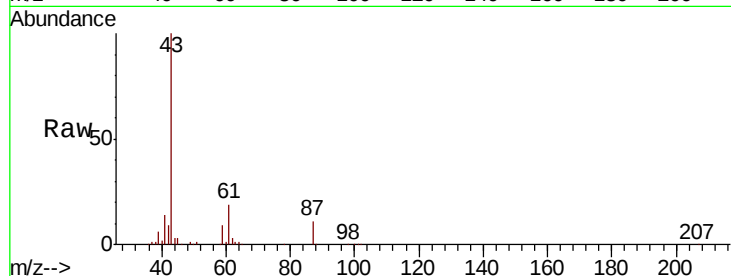
Tot Ion: 43 Resp: 333229

Ion Ratio Lower Upper

43 100

61 25.6 19.3 28.9

87 11.3 8.6 13.0



#44

Trichloroethene

Concen: 55.715 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062527.D

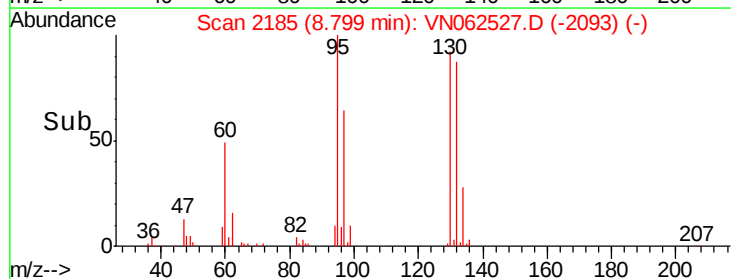
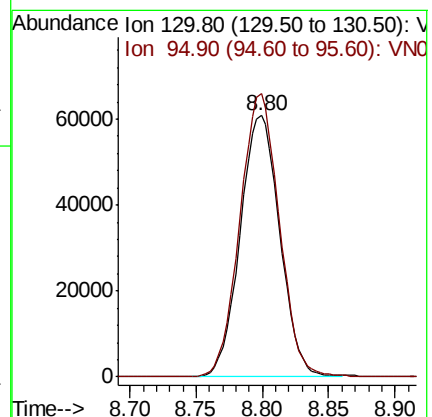
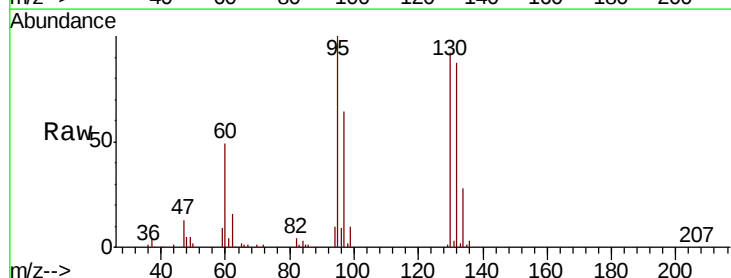
Acq: 15 Jul 2020 9:43

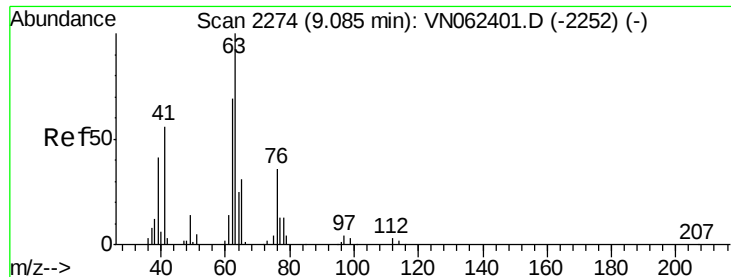
Tgt Ion: 130 Resp: 126471

Ion Ratio Lower Upper

130 100

95 108.4 0.0 213.8





#45

1,2-Dichloropropane

Concen: 55.528 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

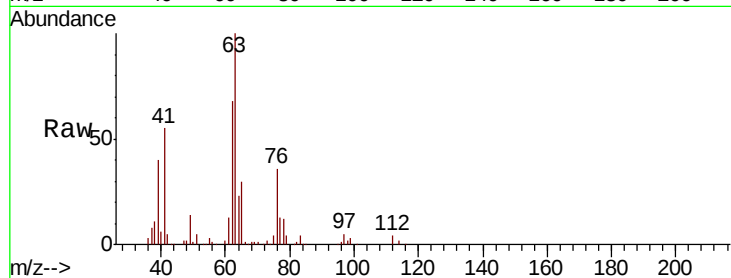
VSTDCCC050

Tot Ion: 63 Resp: 164919

Ion Ratio Lower Upper

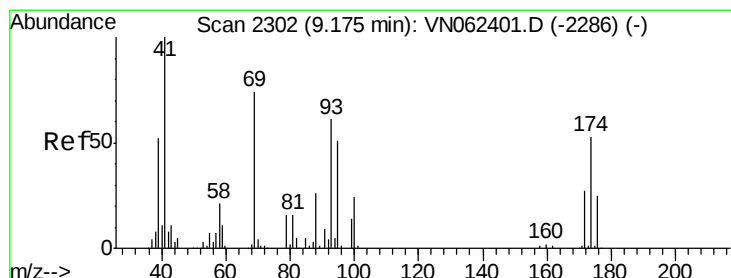
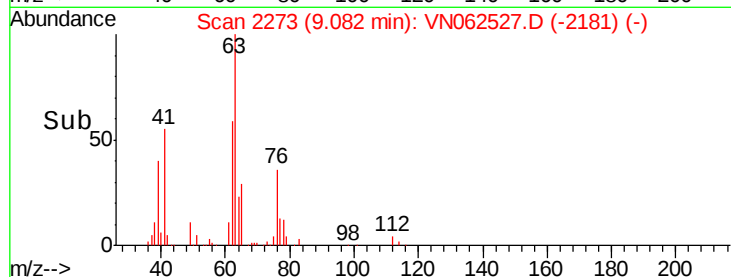
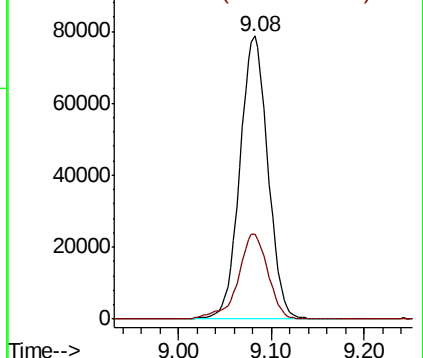
63 100

65 29.9 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 54.909 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

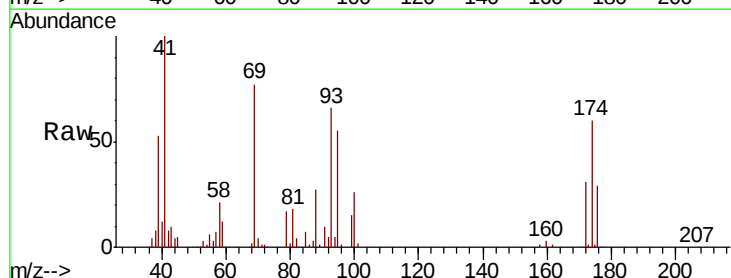
Tgt Ion: 93 Resp: 92030

Ion Ratio Lower Upper

93 100

95 84.2 67.1 100.7

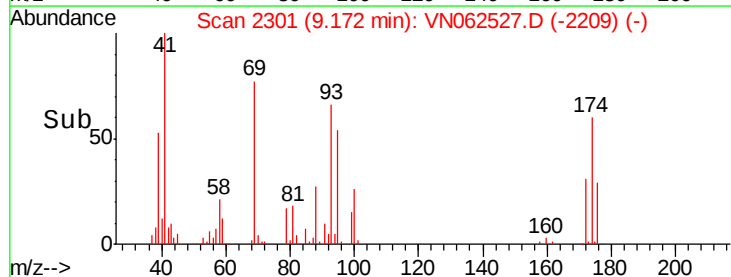
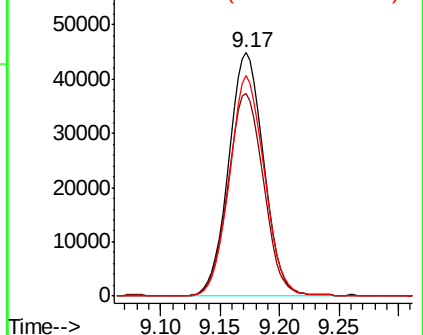
174 90.0 70.4 105.6

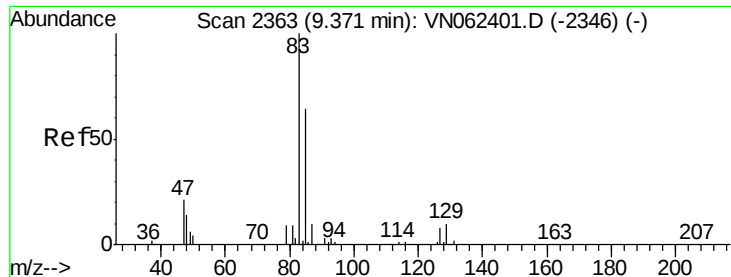


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.442 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

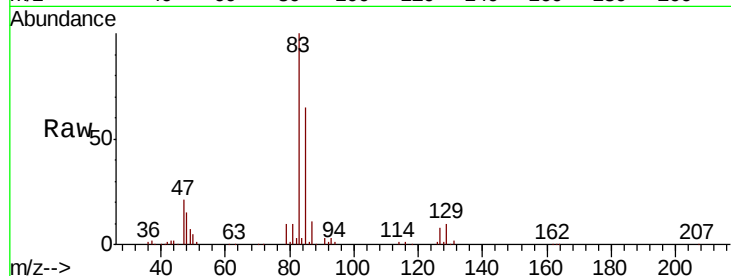
Tot Ion: 83 Resp: 202251

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

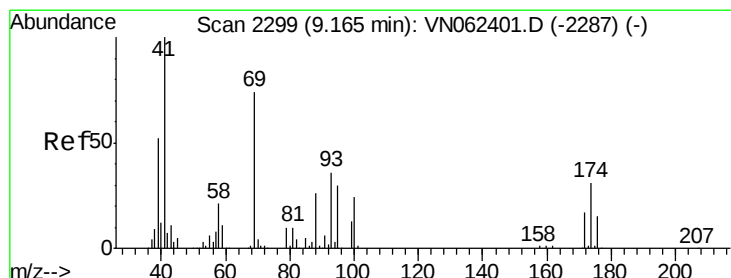
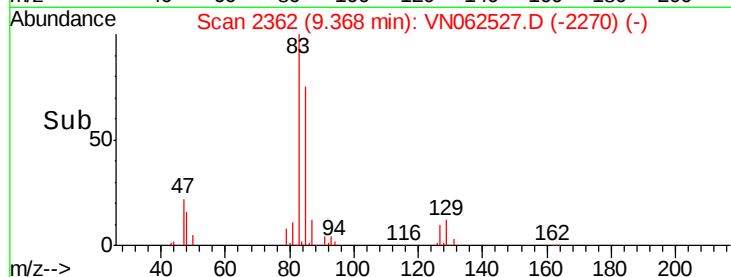
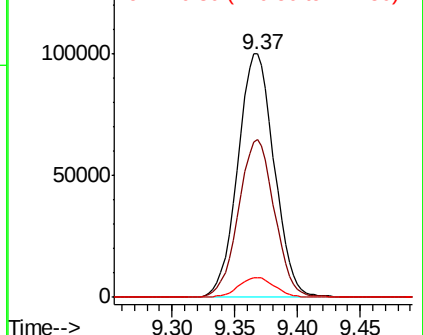
127 8.2 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062527.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062527.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062527.D (-2270) (-)



#48

Methyl methacrylate

Concen: 51.089 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

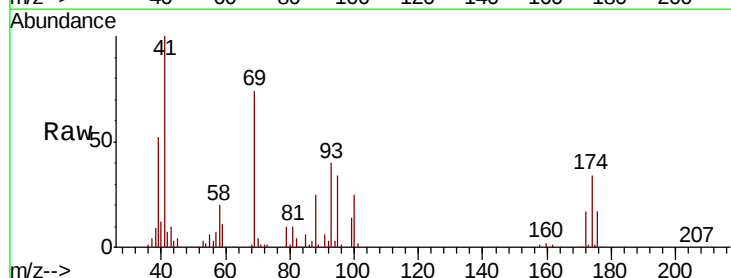
Tgt Ion: 41 Resp: 160697

Ion Ratio Lower Upper

41 100

69 77.7 60.8 91.2

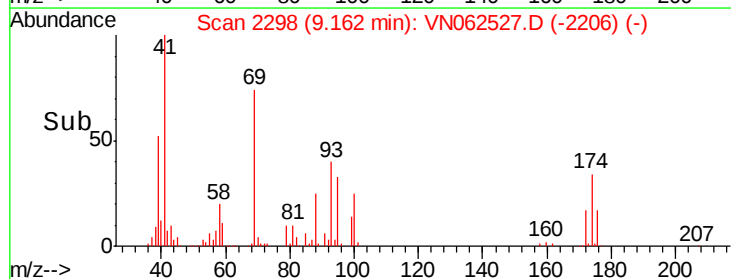
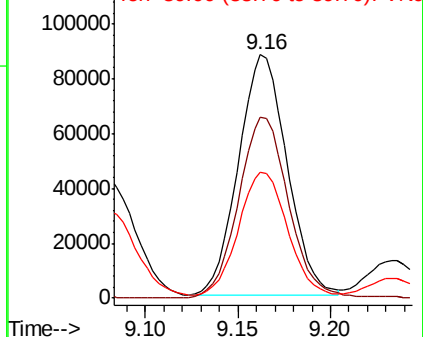
39 53.6 43.5 65.3

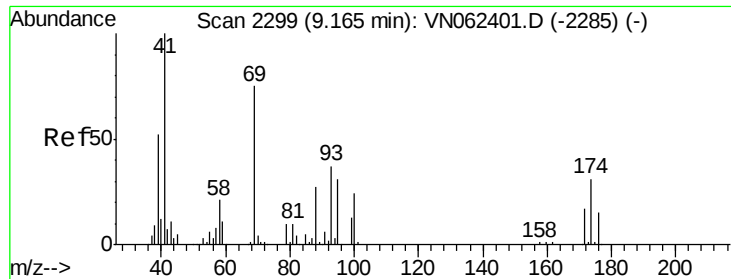


Abundance Ion 41.00 (40.70 to 41.70): VN062527.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062527.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062527.D (-2206) (-)

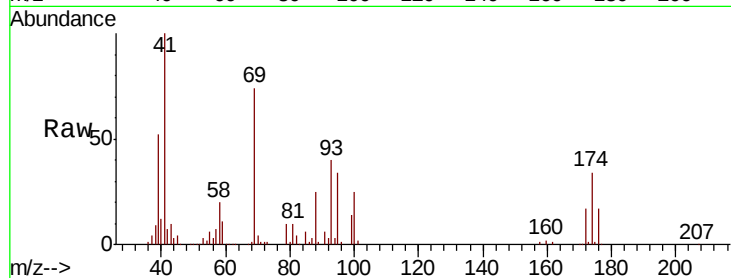




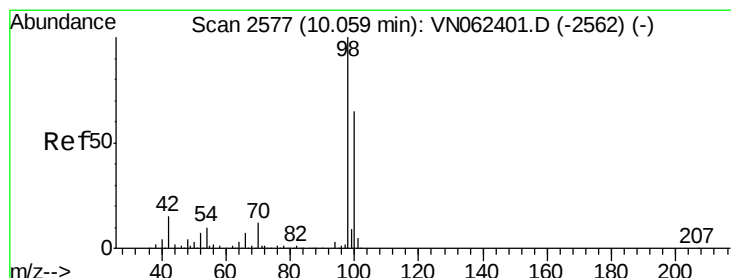
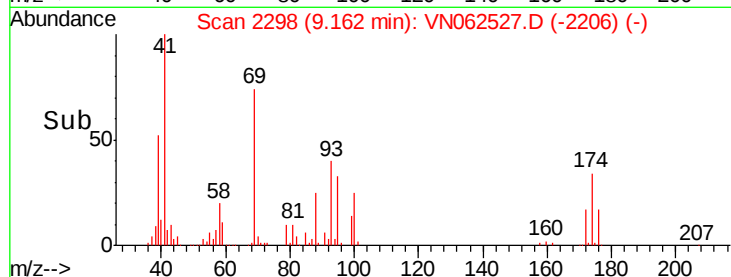
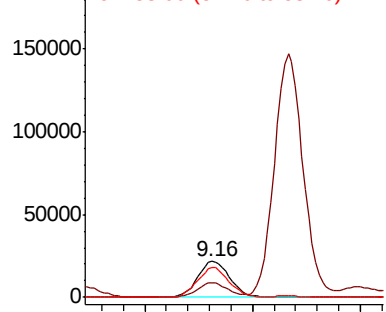
#49
1,4-Dioxane
Concen: 998.444 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 45711
Ion Ratio Lower Upper
88 100
43 39.5 31.0 46.4
58 80.8 63.3 94.9

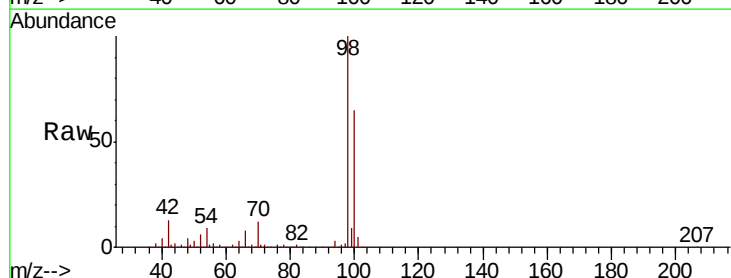


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

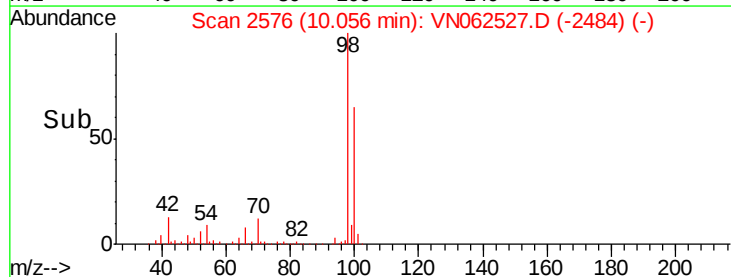
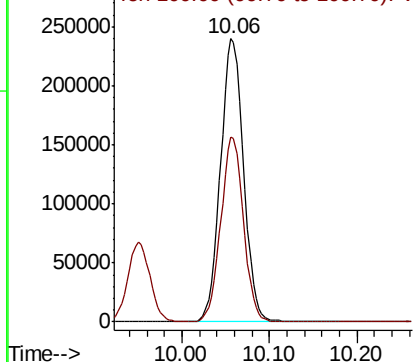


#50
Toluene-d8
Concen: 52.189 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Tgt Ion: 98 Resp: 438805
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



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

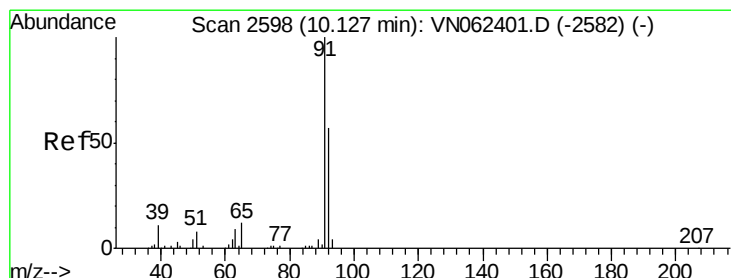
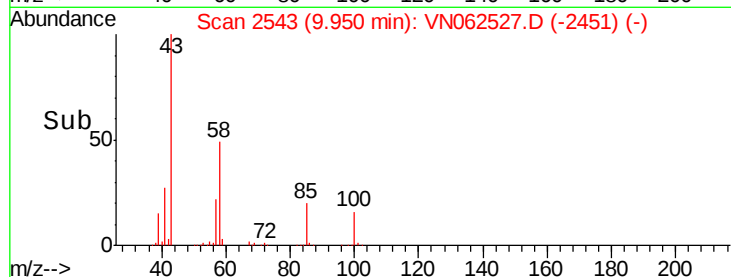
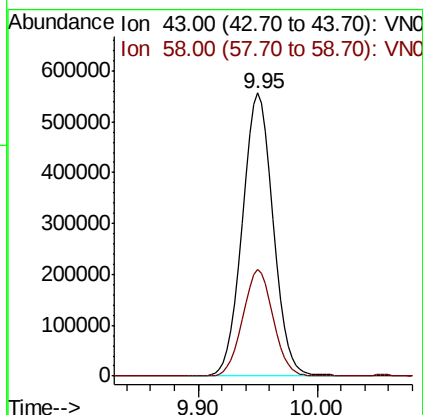
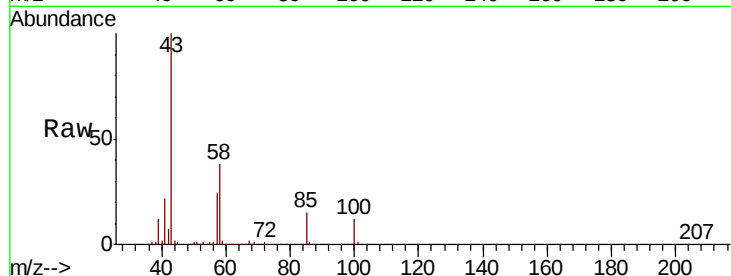




#51
 4-Methyl-2-Pentanone
 Concen: 260.099 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

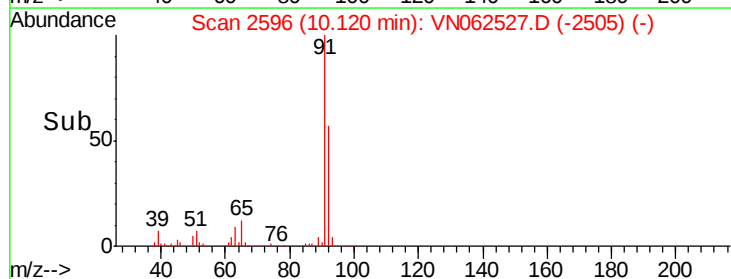
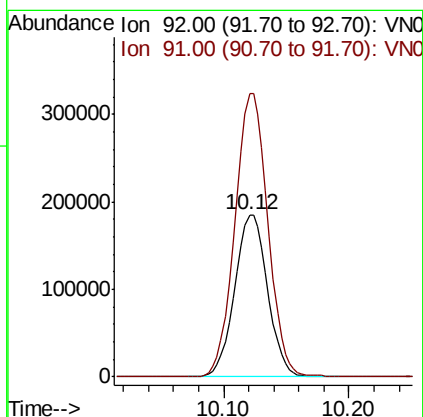
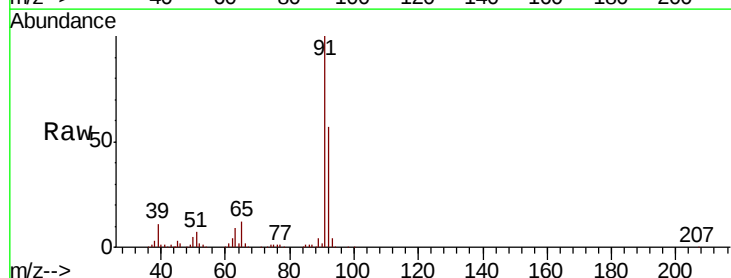
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

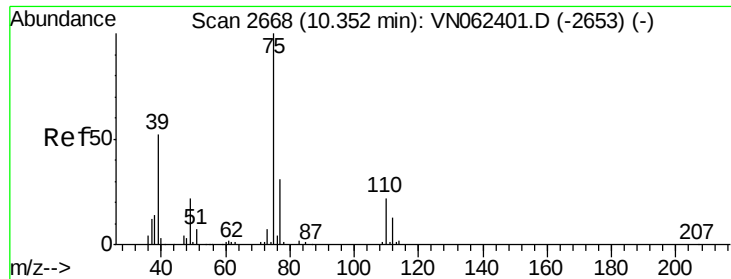
Tot Ion: 43 Resp: 996164
 Ion Ratio Lower Upper
 43 100
 58 37.4 29.0 43.6



#52
 Toluene
 Concen: 56.936 ug/l
 RT: 10.12 min Scan# 2596
 Delta R.T. -0.01 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

Tgt Ion: 92 Resp: 336463
 Ion Ratio Lower Upper
 92 100
 91 175.5 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 58.718 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampled :

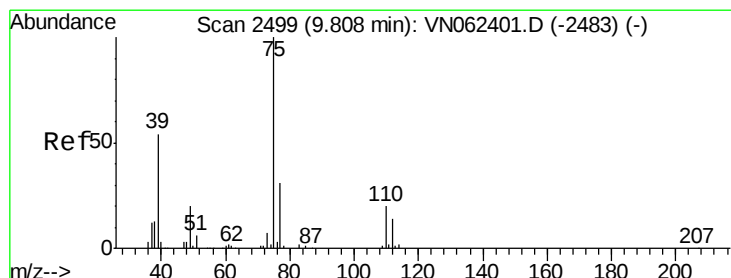
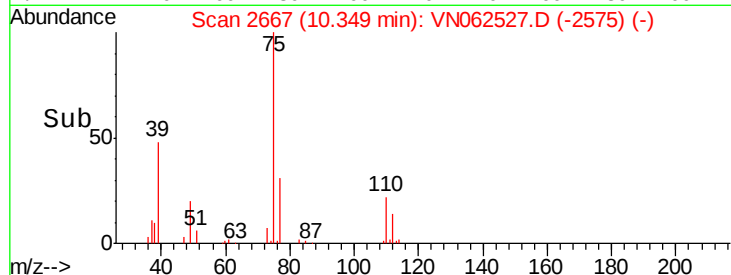
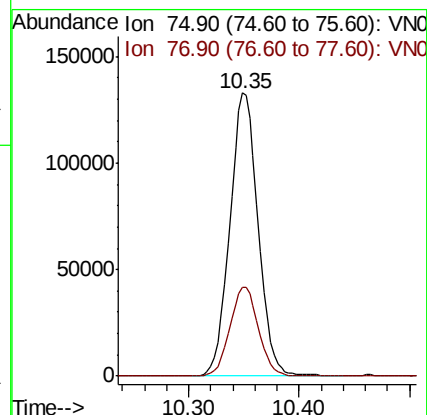
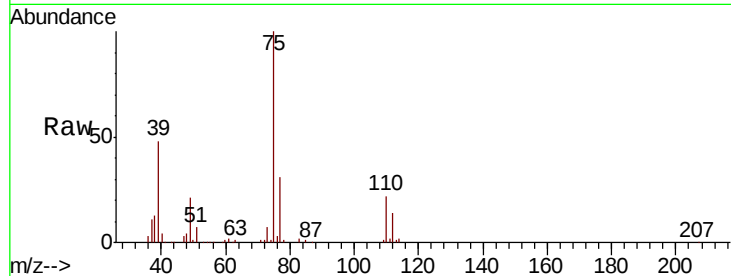
VSTDCCC050

Tot Ion: 75 Resp: 235728

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 57.247 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

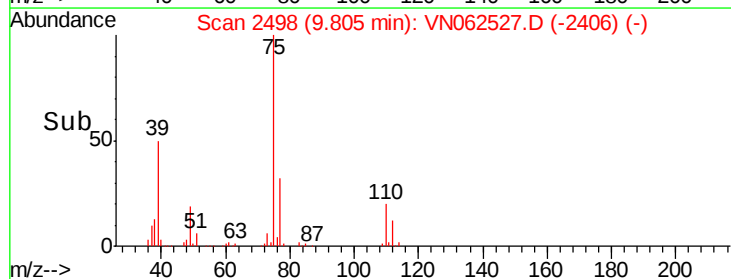
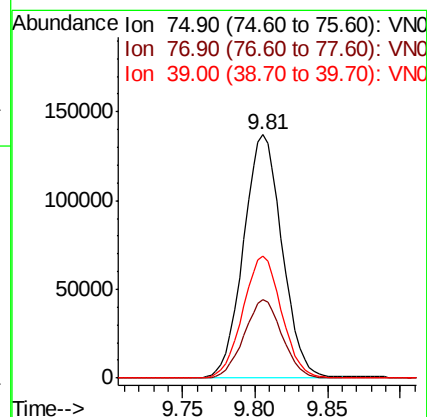
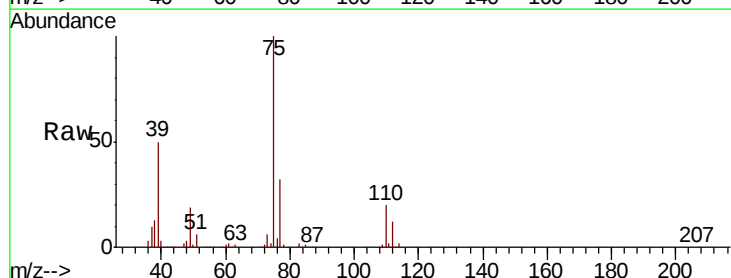
Tgt Ion: 75 Resp: 253570

Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7

39 50.3 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 57.245 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 97 Resp: 133052

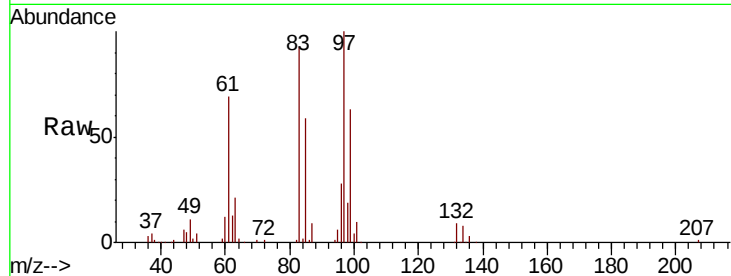
Ion Ratio Lower Upper

97 100

83 92.8 71.0 106.4

85 58.9 46.2 69.4

99 62.9 49.7 74.5

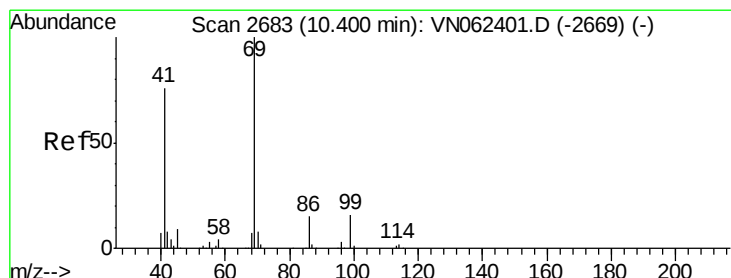
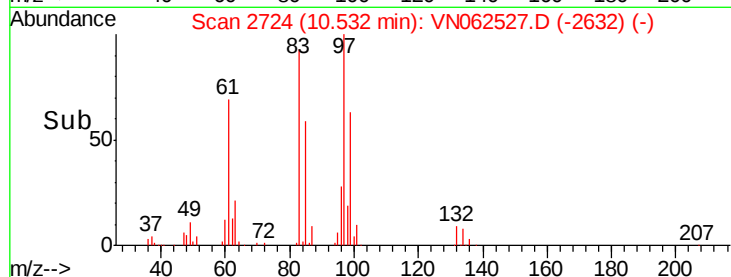
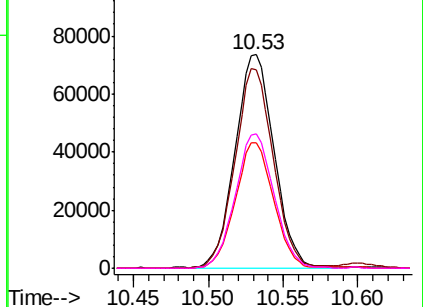


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 52.265 ug/l

RT: 10.40 min Scan# 2682

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

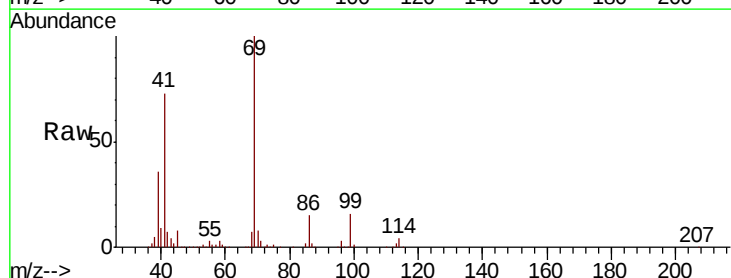
Tgt Ion: 69 Resp: 223904

Ion Ratio Lower Upper

69 100

41 72.3 59.7 89.5

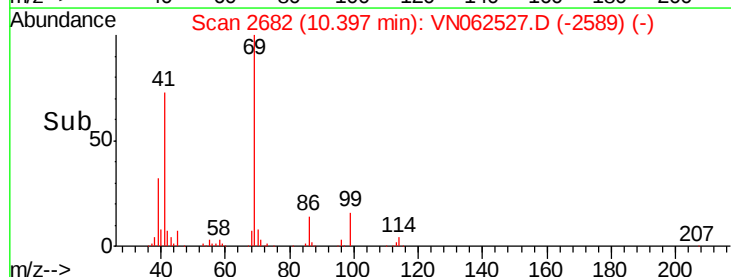
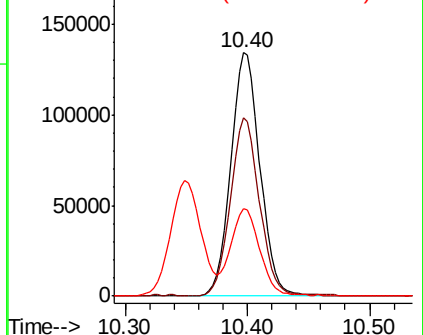
39 36.2 30.6 45.8

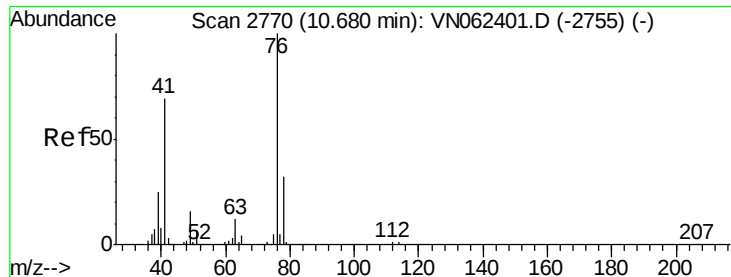


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 56.546 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

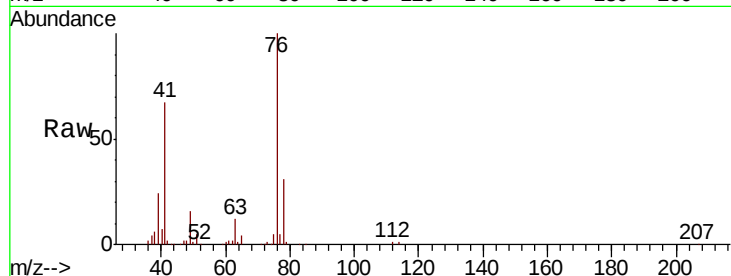
VSTDCCC050

Tot Ion: 76 Resp: 242808

Ion Ratio Lower Upper

76 100

78 31.6 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN062401.D (-2755) (-)

Ion 77.90 (77.60 to 78.60): VN062401.D (-2755) (-)

10.68

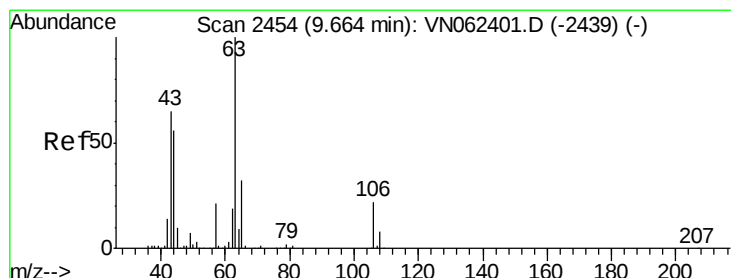
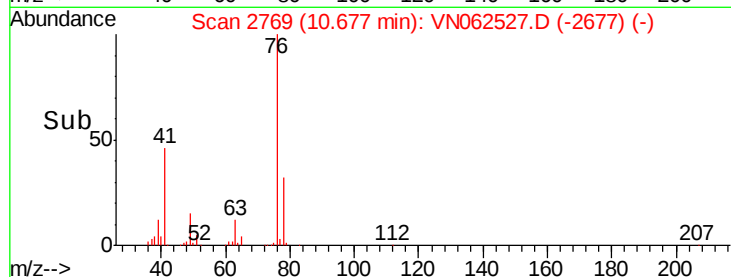
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 289.042 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062527.D

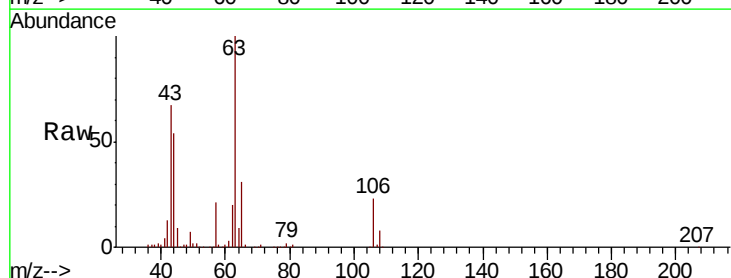
Acq: 15 Jul 2020 9:43

Tgt Ion: 63 Resp: 398555

Ion Ratio Lower Upper

63 100

106 23.3 17.6 26.4



Abundance Ion 62.90 (62.60 to 63.60): VN062401.D (-2439) (-)

Ion 105.90 (105.60 to 106.60): VN062401.D (-2439) (-)

9.66

250000

200000

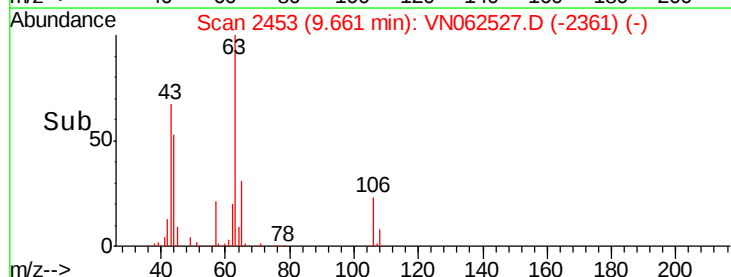
150000

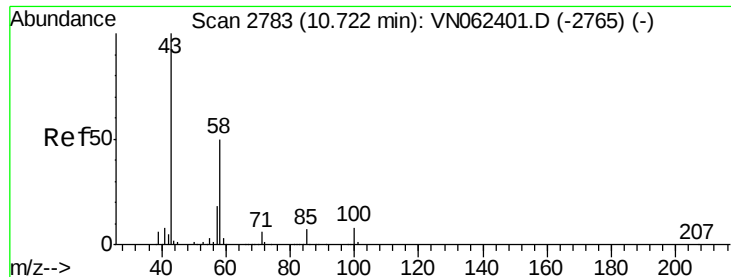
100000

50000

0

Time-->

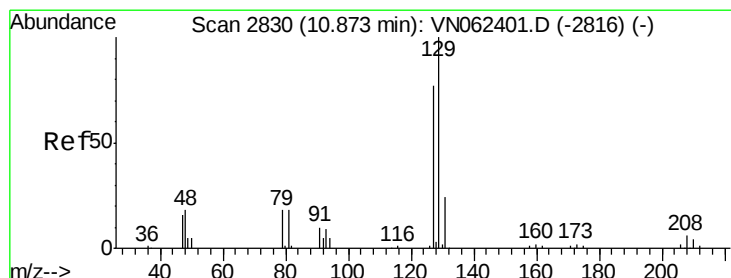
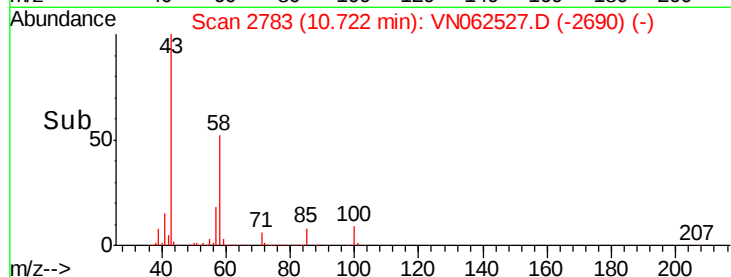
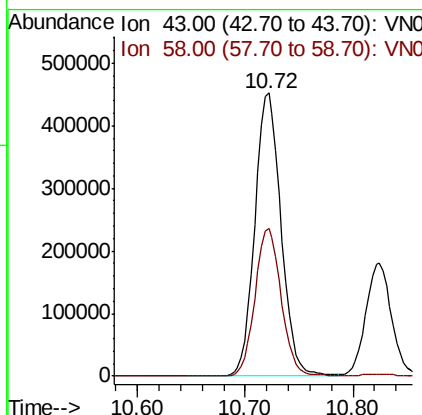
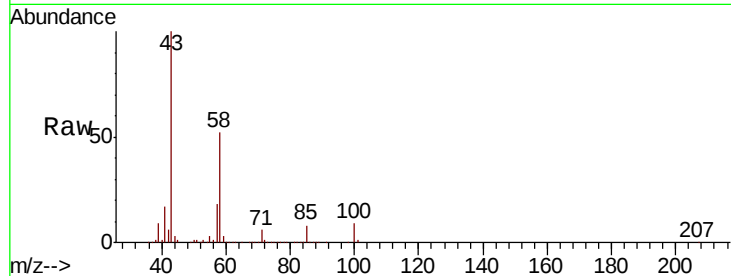




#59
2-Hexanone
Concen: 274.145 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

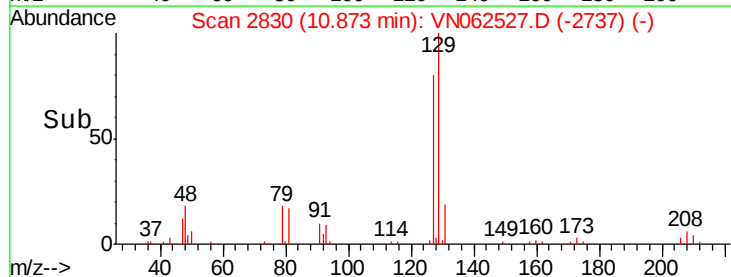
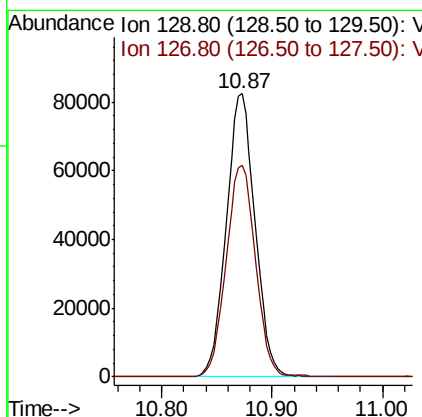
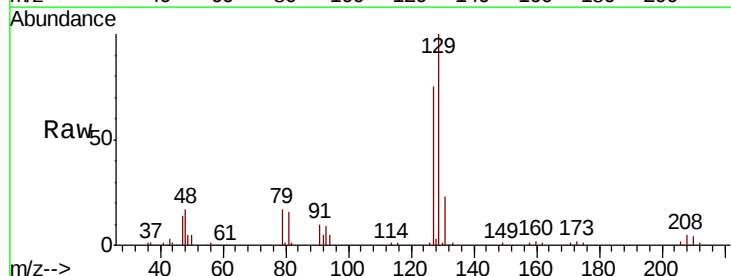
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

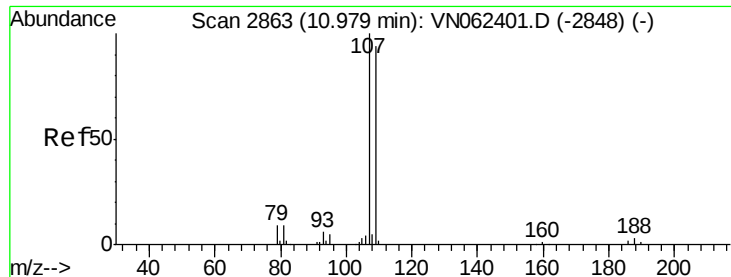
Tot Ion: 43 Resp: 762242
Ion Ratio Lower Upper
43 100
58 52.2 25.1 75.2



#60
Dibromochloromethane
Concen: 59.128 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Tgt Ion: 129 Resp: 149008
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8

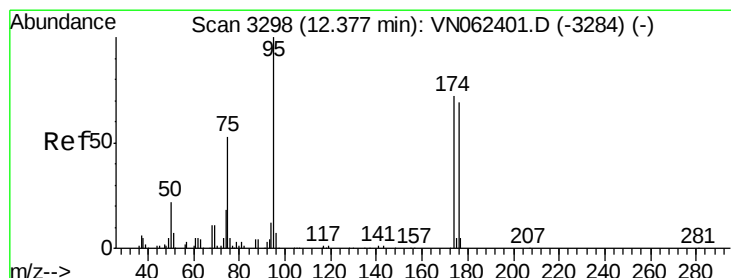
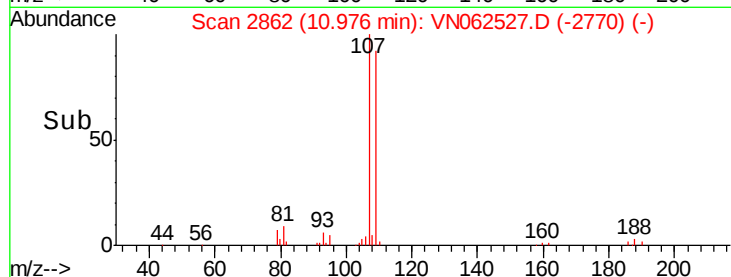
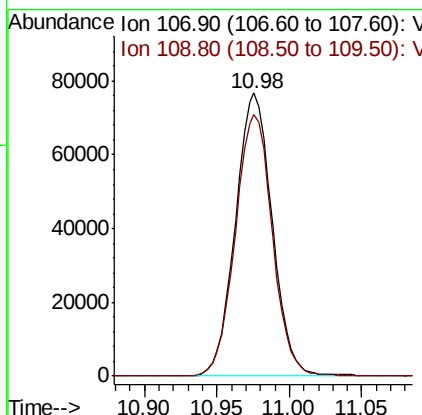
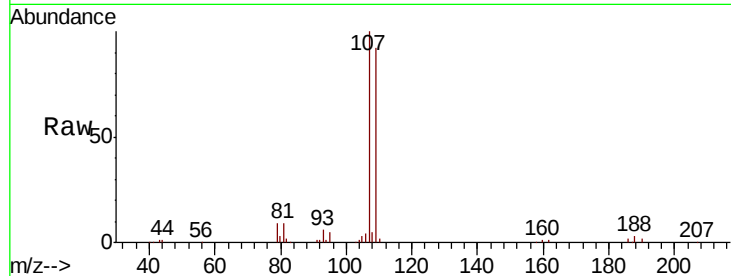




#61
 1,2-Dibromoethane
 Concen: 57.489 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

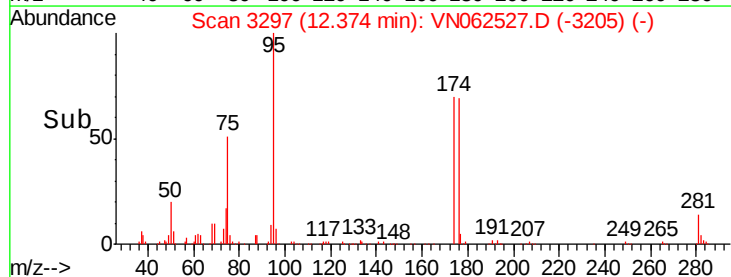
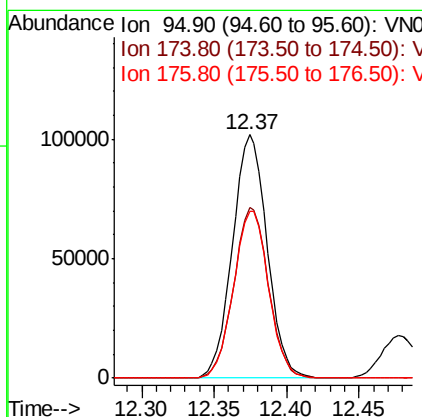
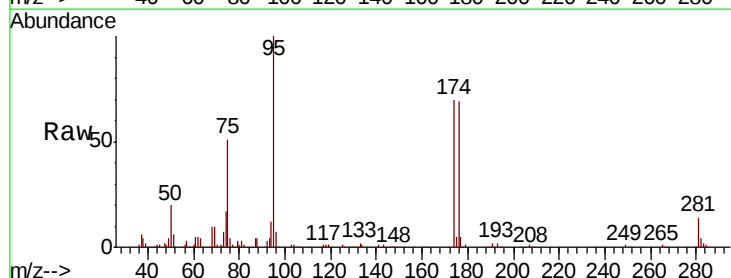
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

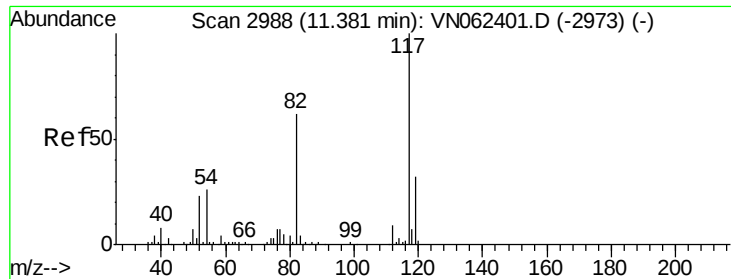
Tot Ion:107 Resp: 134883
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 54.916 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

Tgt Ion: 95 Resp: 168731
 Ion Ratio Lower Upper
 95 100
 174 70.4 0.0 141.6
 176 69.4 0.0 137.2

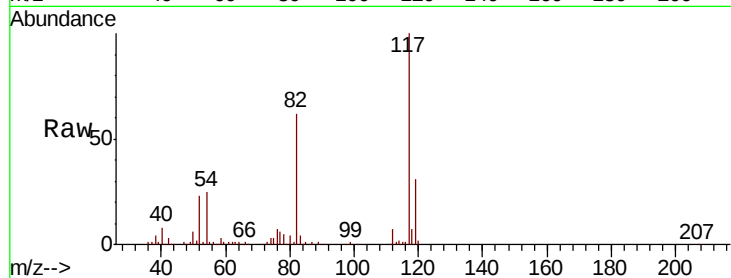




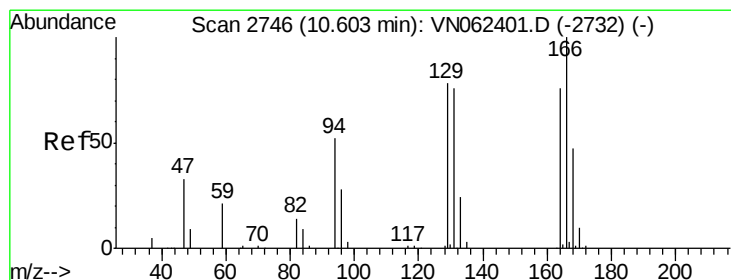
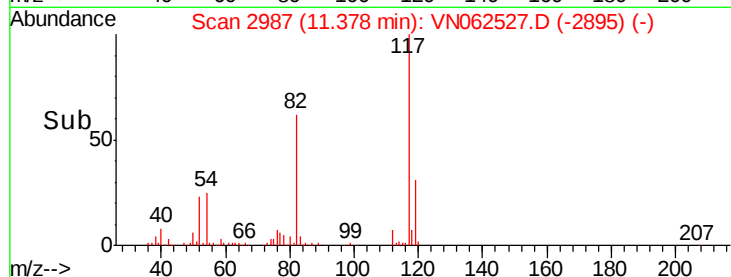
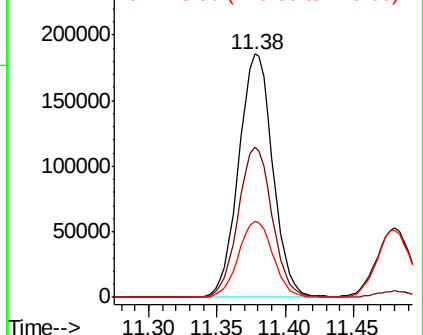
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 322402
Ion Ratio Lower Upper
117 100
82 61.7 49.6 74.4
119 31.2 25.4 38.0

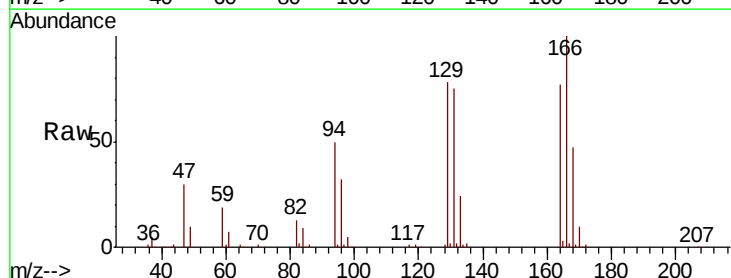


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

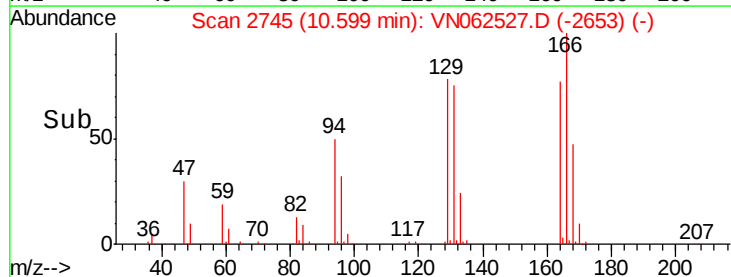
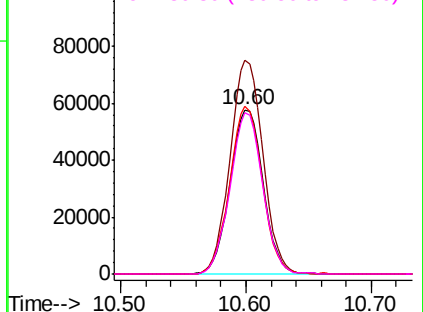


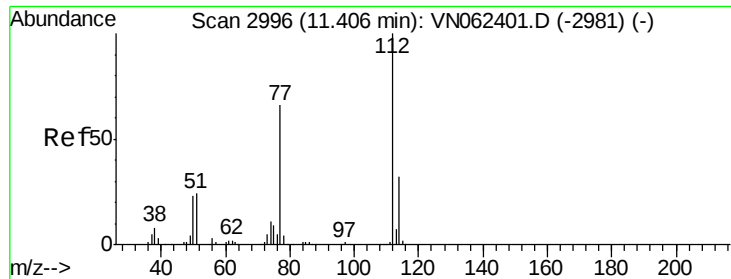
#64
Tetrachloroethene
Concen: 55.240 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Tgt Ion:164 Resp: 105681
Ion Ratio Lower Upper
164 100
166 130.1 104.9 157.3
129 101.8 81.8 122.6
131 97.9 79.3 118.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 56.613 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

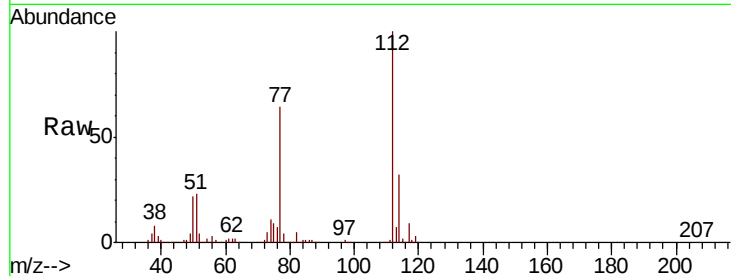
VSTDCCC050

Tot Ion:112 Resp: 354735

Ion Ratio Lower Upper

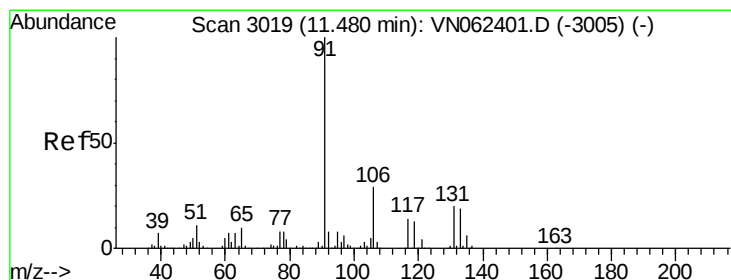
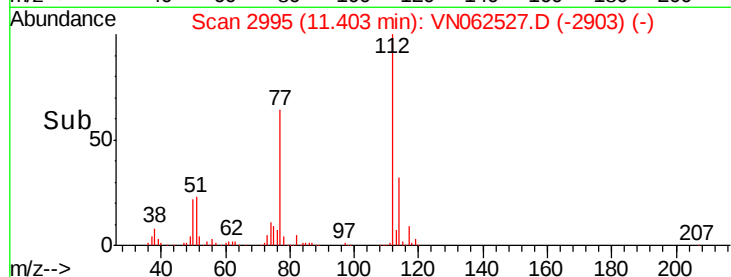
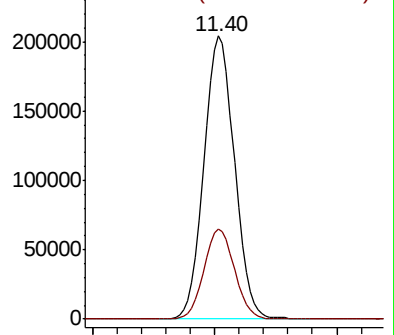
112 100

114 31.9 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 57.457 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

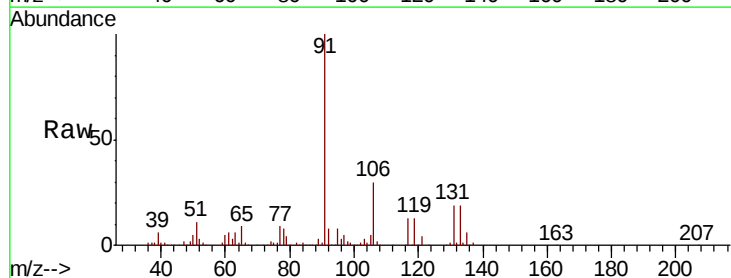
Tgt Ion:131 Resp: 132766

Ion Ratio Lower Upper

131 100

133 95.9 46.9 140.8

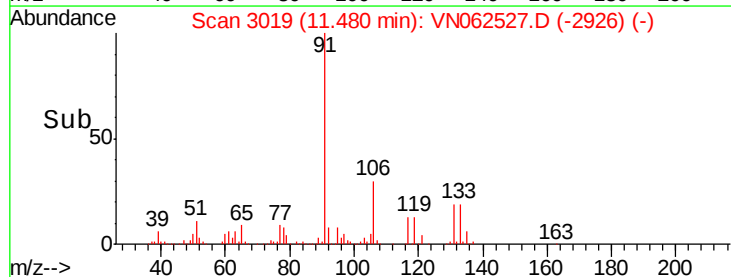
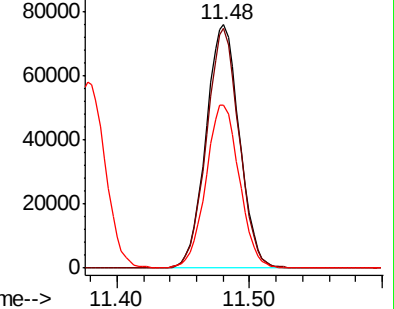
119 67.0 33.2 99.6

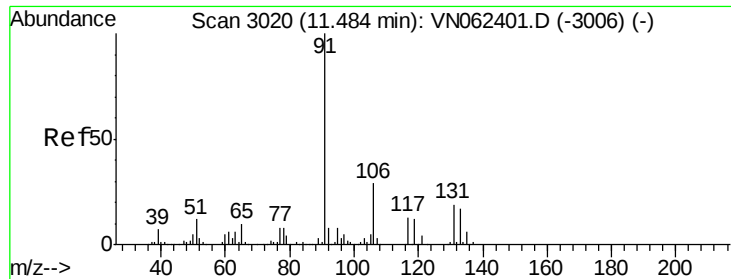


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 56.701 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

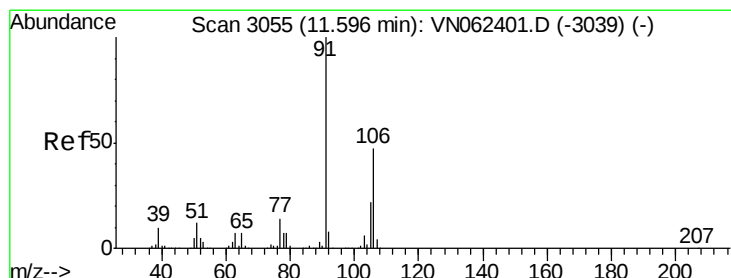
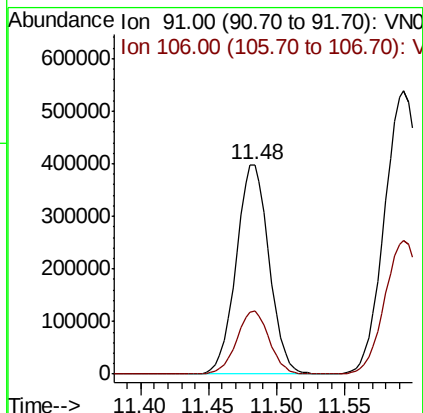
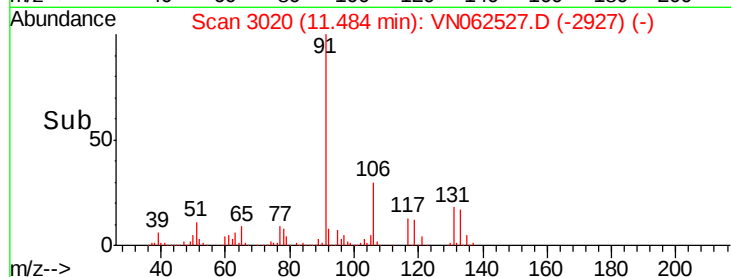
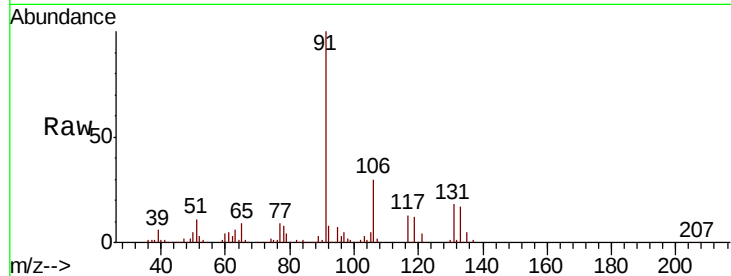
VSTDCCC050

Tot Ion: 91 Resp: 666898

Ion Ratio Lower Upper

91 100

106 30.0 23.4 35.2



#68

m/p-Xylenes

Concen: 116.899 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062527.D

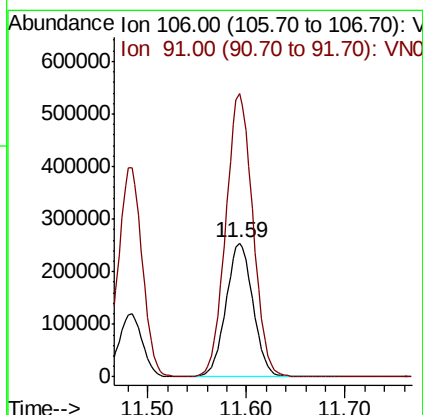
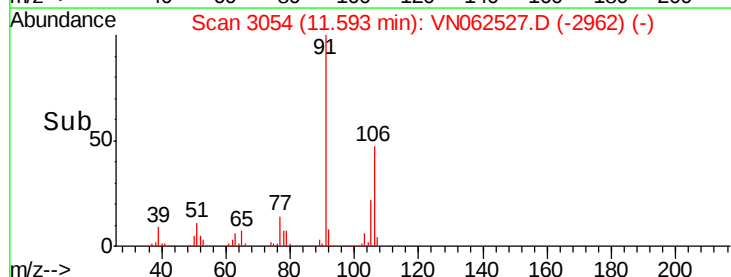
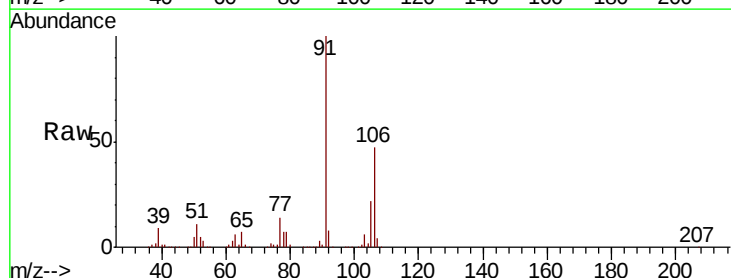
Acq: 15 Jul 2020 9:43

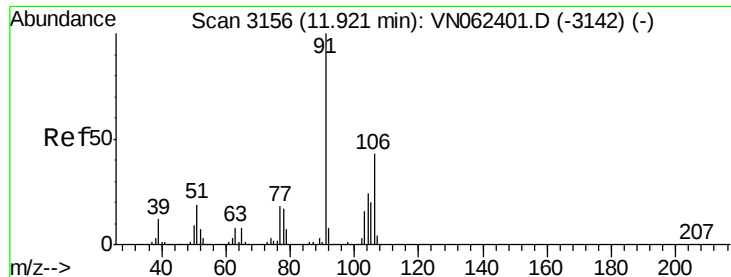
Tgt Ion: 106 Resp: 486739

Ion Ratio Lower Upper

106 100

91 211.9 172.4 258.6

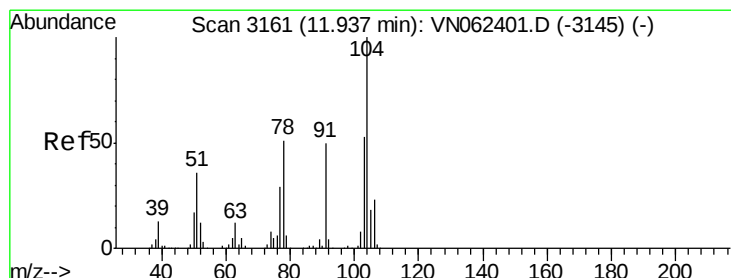
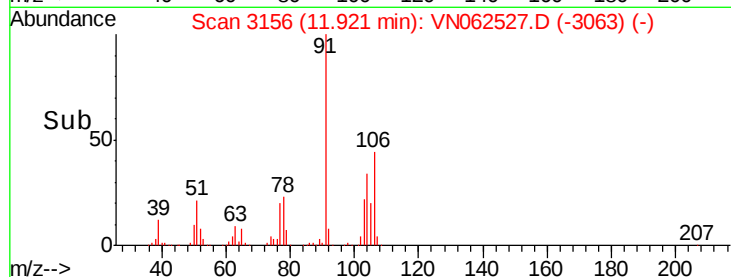
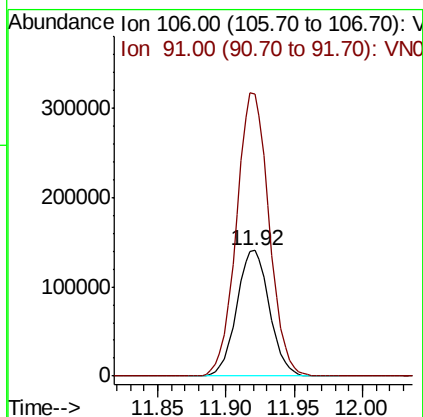
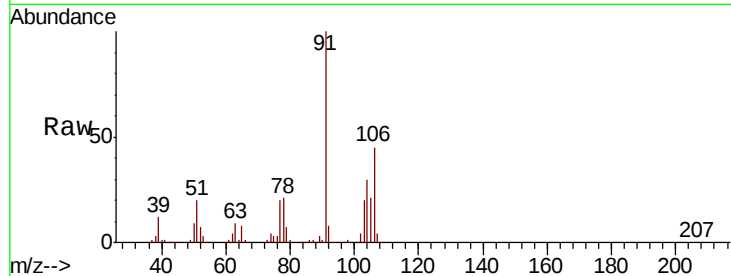




#69
o-Xylene
Concen: 57.849 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

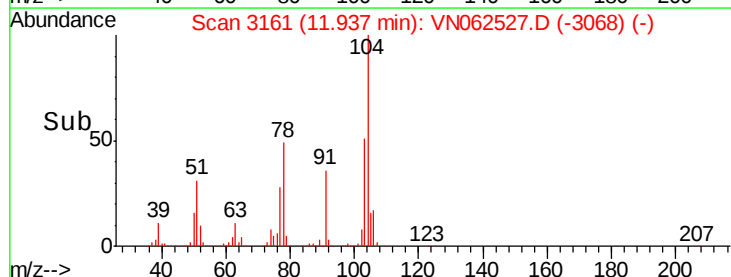
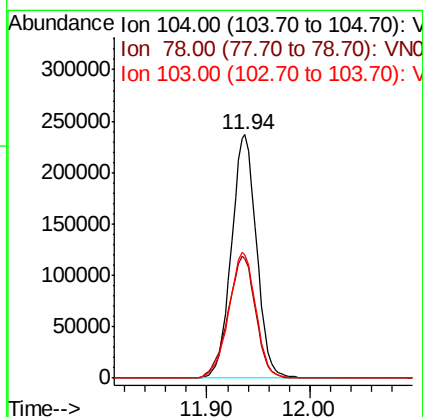
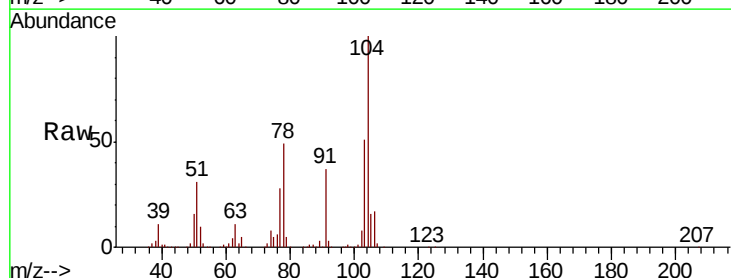
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

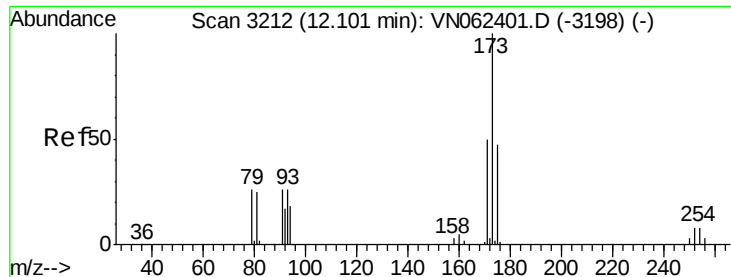
Tot Ion:106 Resp: 234519
Ion Ratio Lower Upper
106 100
91 224.7 113.8 341.4



#70
Styrene
Concen: 60.108 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Tgt Ion:104 Resp: 402725
Ion Ratio Lower Upper
104 100
78 54.7 44.2 66.4
103 55.5 44.4 66.6

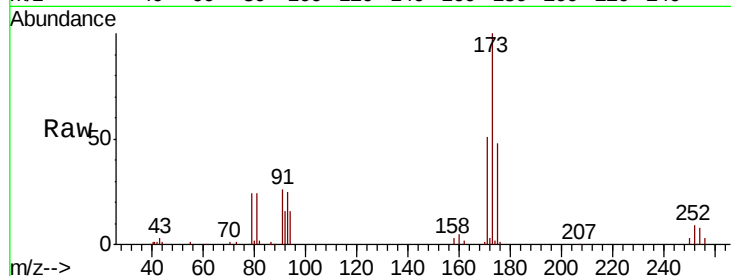




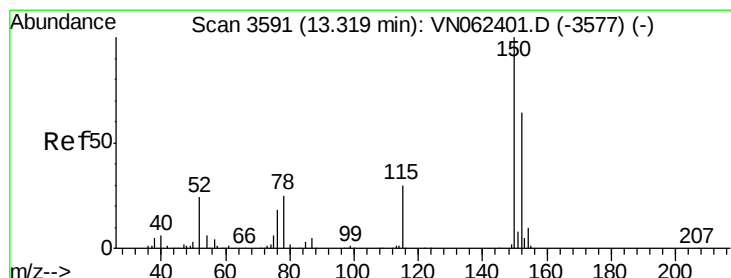
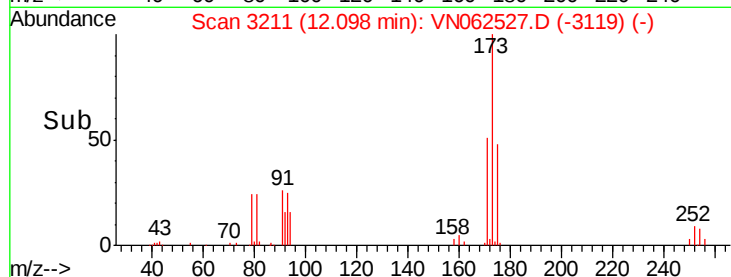
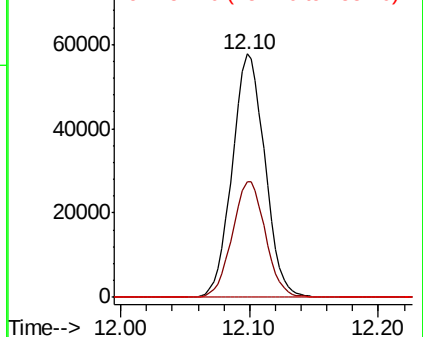
#71
Bromoform
Concen: 60.001 ug/l
RT: 12.10 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 101637
Ion Ratio Lower Upper
173 100
175 48.2 23.7 71.1
254 0.0 0.0 0.0

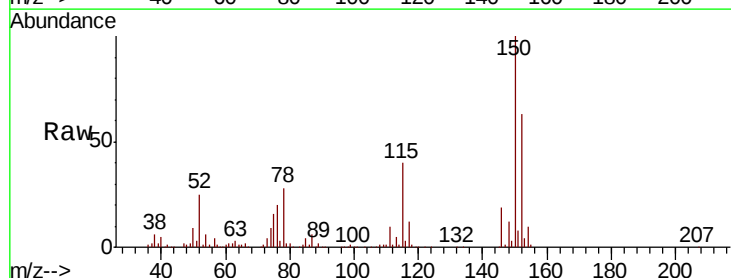


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

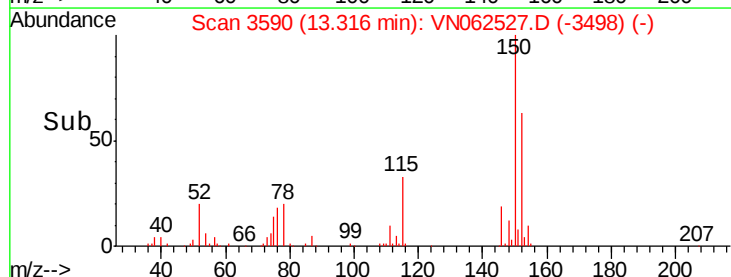
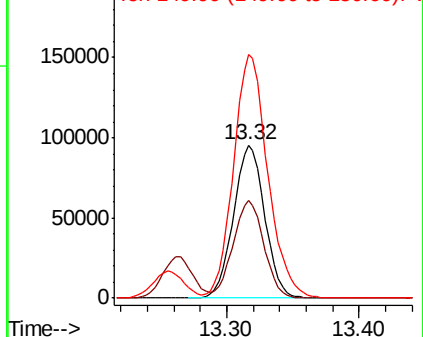


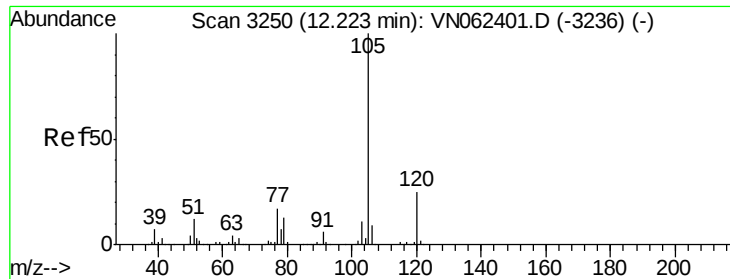
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Tgt Ion:152 Resp: 155406
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.2
150 175.3 0.0 347.4



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: 53.106 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

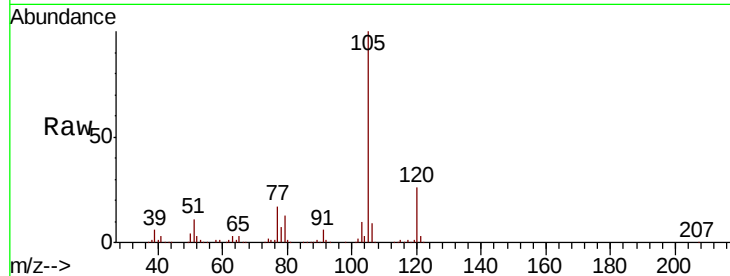
VSTDCCC050

Tot Ion:105 Resp: 638636

Ion Ratio Lower Upper

105 100

120 25.7 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

400000

300000

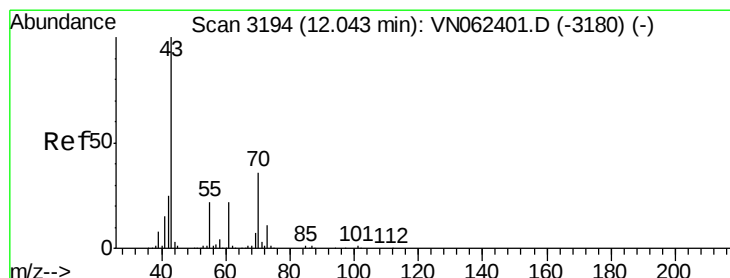
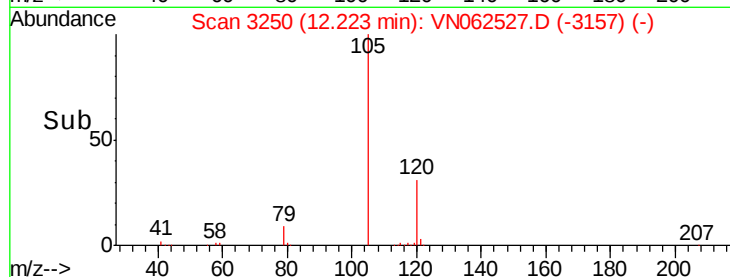
200000

100000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 51.302 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Tgt Ion: 43 Resp: 300280

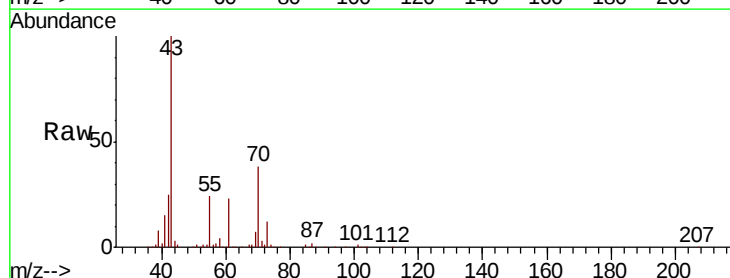
Ion Ratio Lower Upper

43 100

70 38.4 30.0 45.0

55 23.9 18.2 27.4

61 22.7 17.7 26.5



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

300000

250000

200000

150000

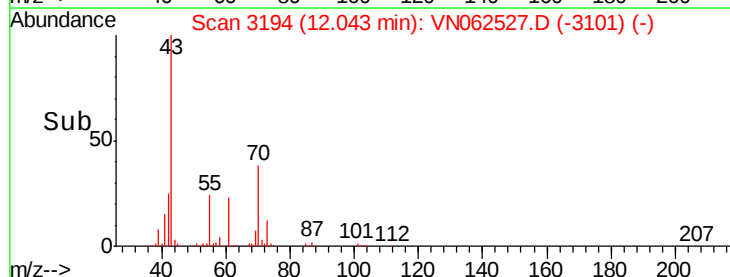
100000

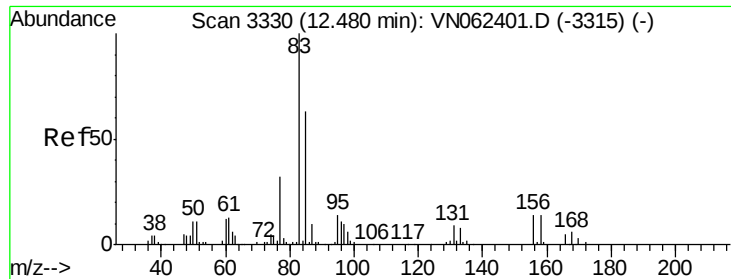
50000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 50.049 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

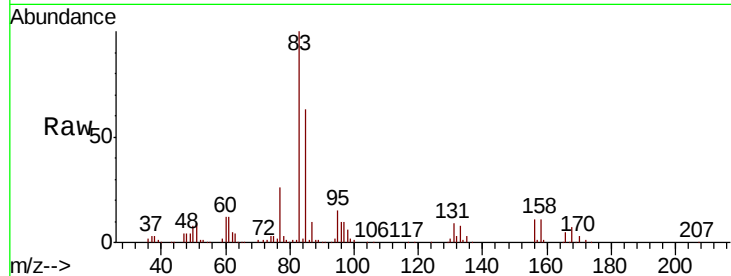
Tot Ion: 83 Resp: 202370

Ion Ratio Lower Upper

83 100

131 9.2 4.5 13.5

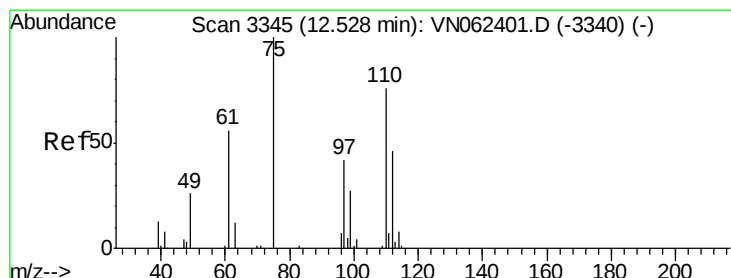
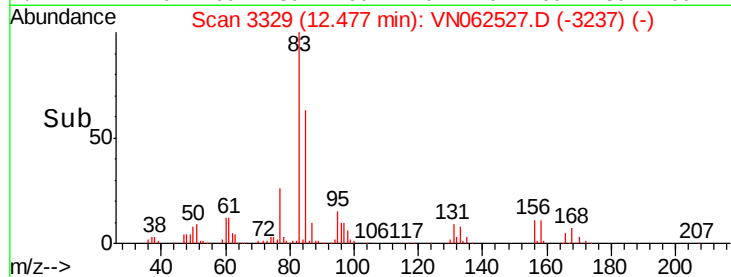
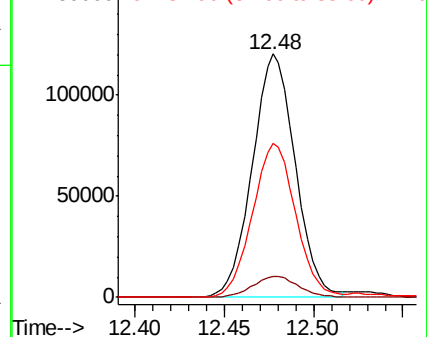
85 63.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062527.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062527.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062527.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 48.288 ug/l m

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN062527.D

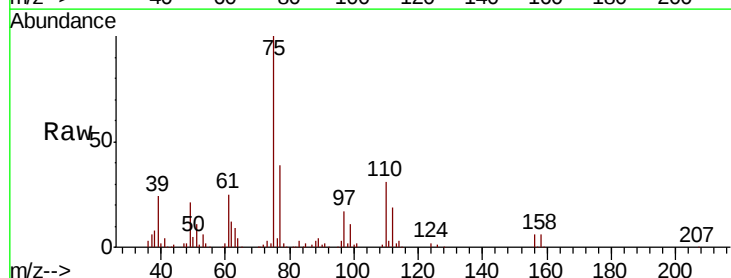
Acq: 15 Jul 2020 9:43

Tgt Ion: 75 Resp: 184128

Ion Ratio Lower Upper

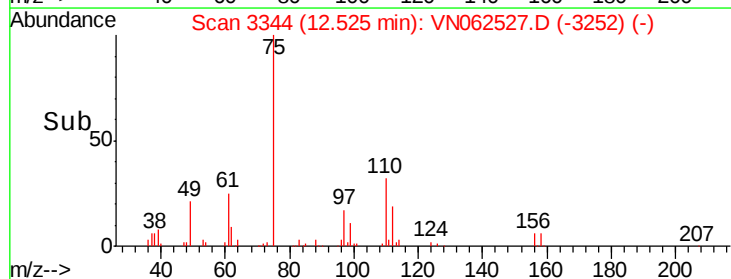
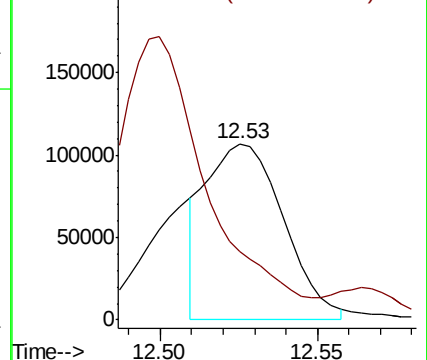
75 100

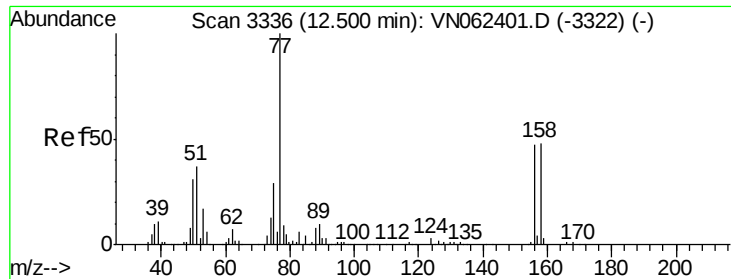
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062527.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062527.D (-3252) (-)





#77

Bromobenzene

Concen: 53.120 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

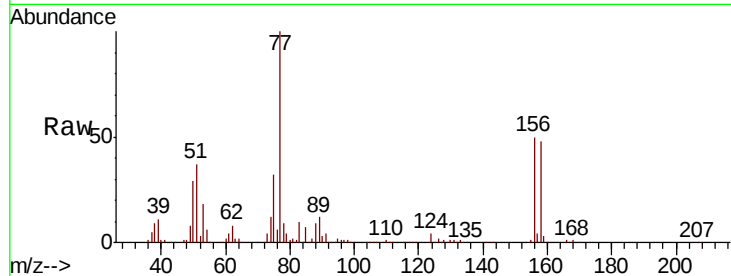
Tot Ion:156 Resp: 145226

Ion Ratio Lower Upper

156 100

77 242.2 126.4 379.3

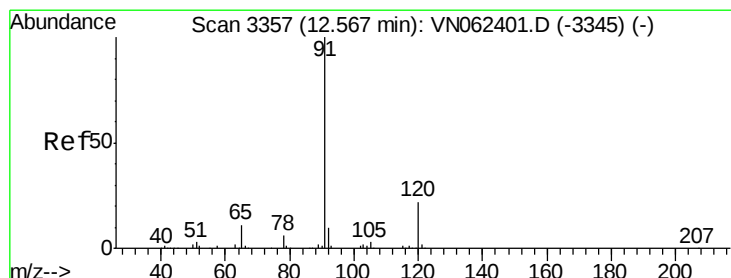
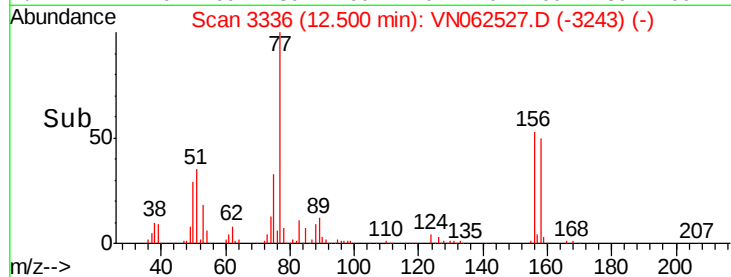
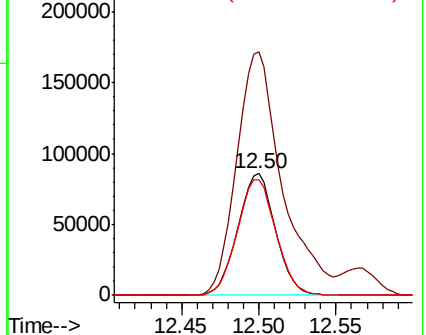
158 98.0 49.8 149.4



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: 54.584 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062527.D

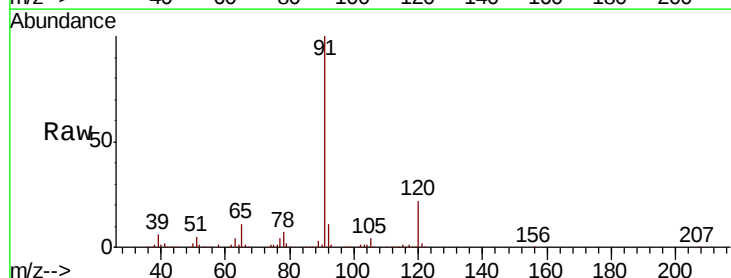
Acq: 15 Jul 2020 9:43

Tgt Ion: 91 Resp: 766762

Ion Ratio Lower Upper

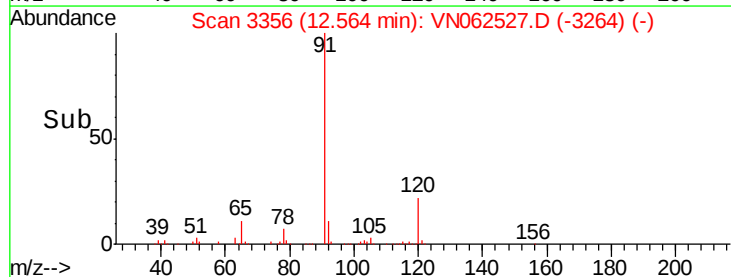
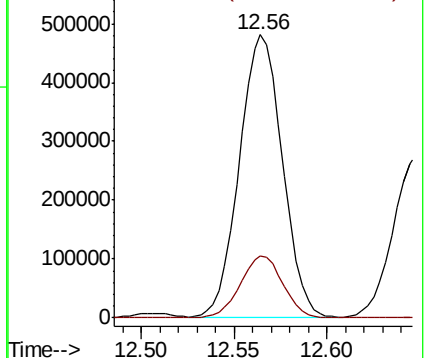
91 100

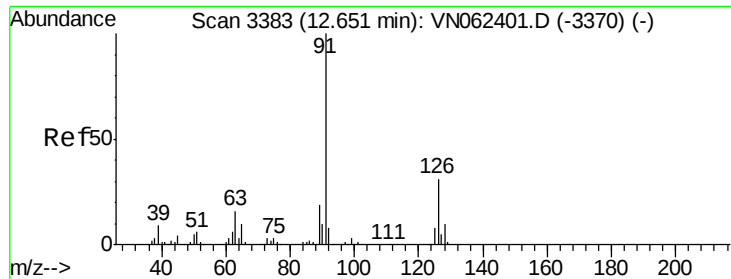
120 21.8 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.201 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampled :

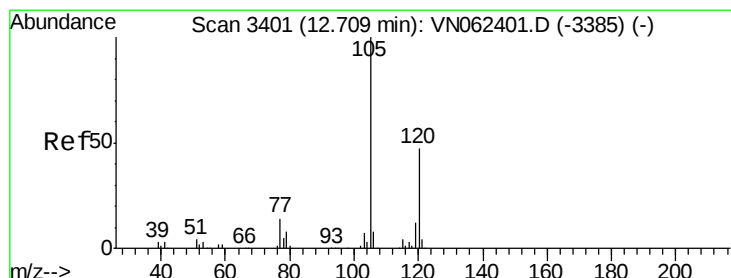
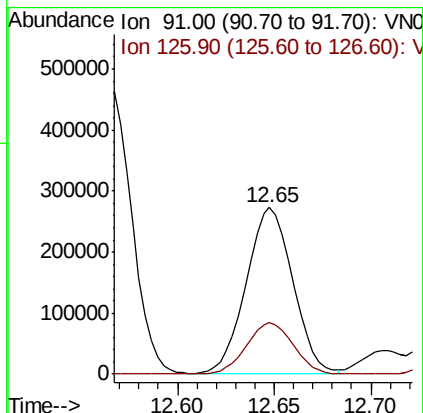
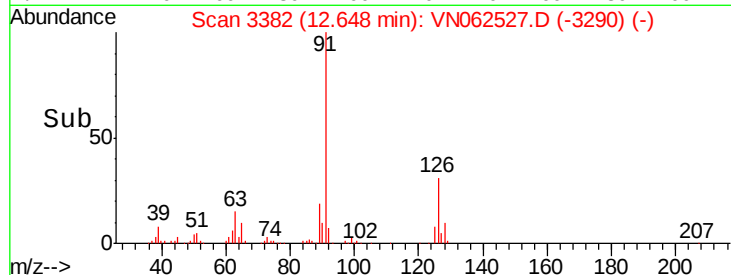
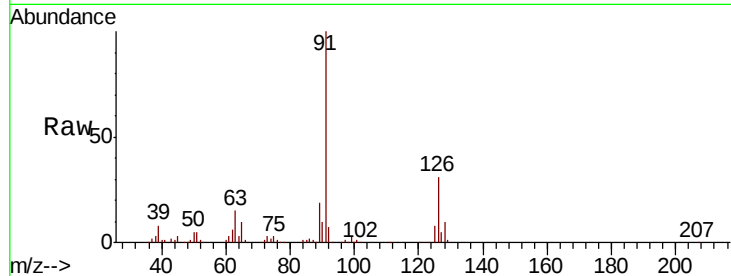
VSTDCCC050

Tot Ion: 91 Resp: 453572

Ion Ratio Lower Upper

91 100

126 31.4 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 56.098 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN062527.D

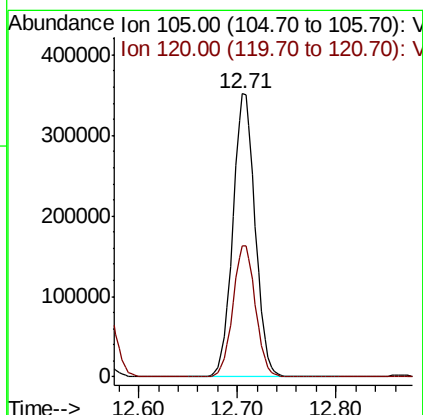
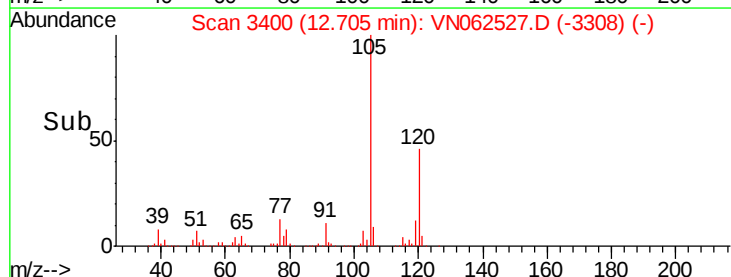
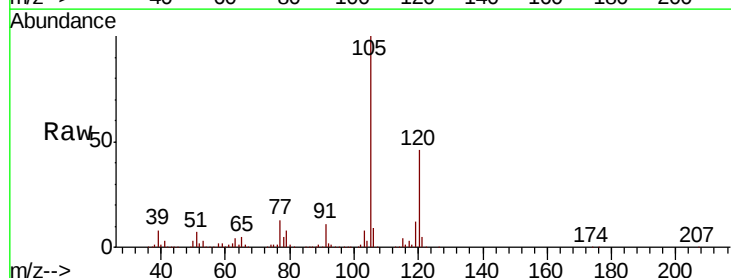
Acq: 15 Jul 2020 9:43

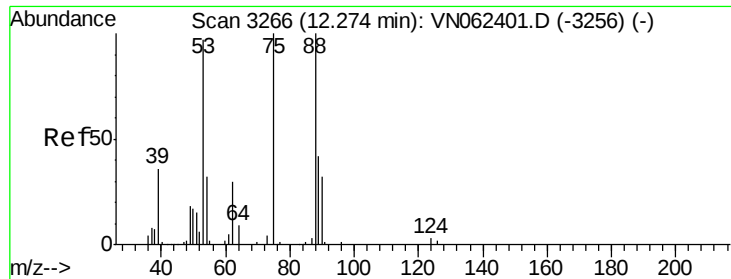
Tgt Ion: 105 Resp: 553035

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 52.125 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

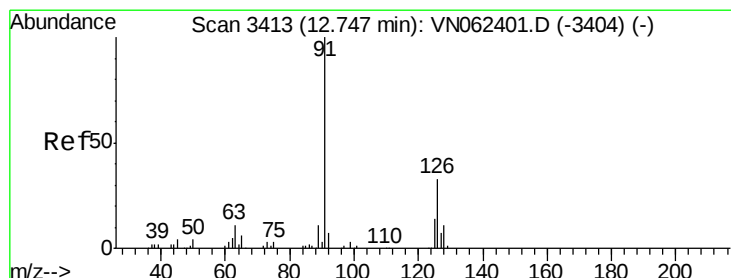
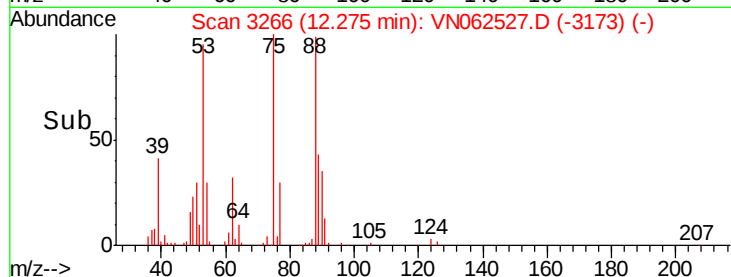
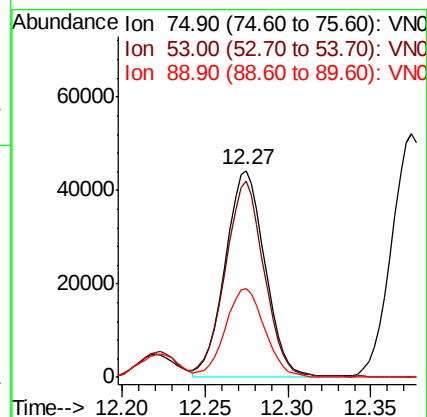
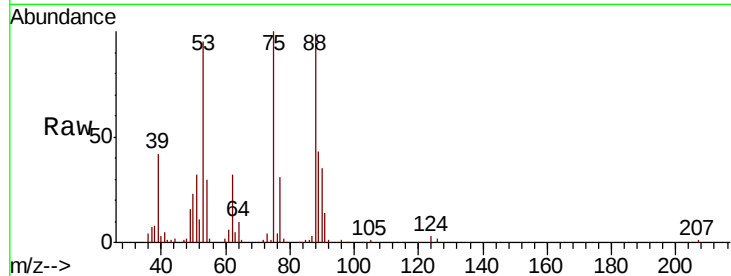
Tot Ion: 75 Resp: 74258

Ion Ratio Lower Upper

75 100

53 91.8 79.2 118.8

89 42.7 34.6 52.0



#82

4-Chlorotoluene

Concen: 54.638 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062527.D

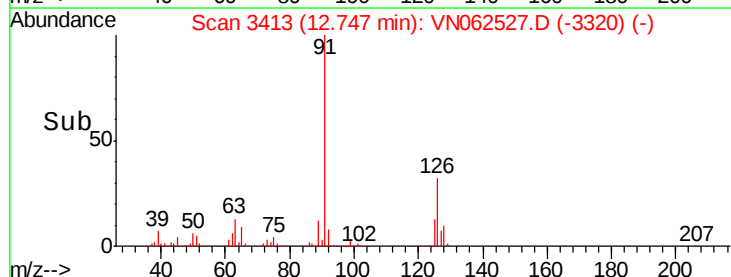
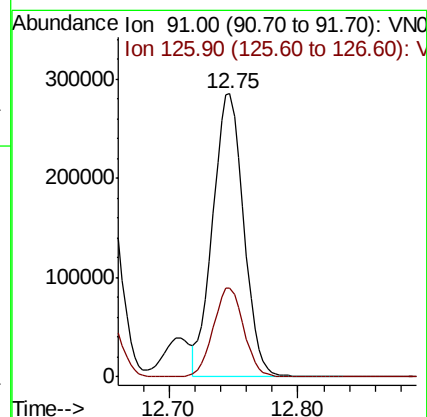
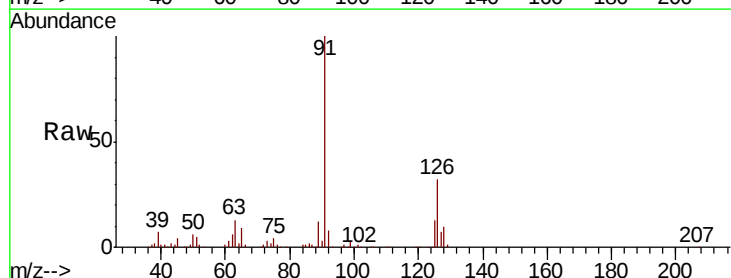
Acq: 15 Jul 2020 9:43

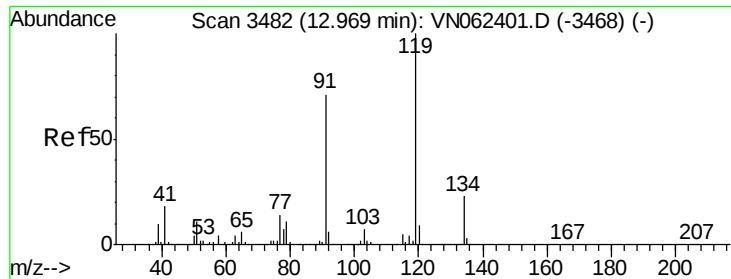
Tgt Ion: 91 Resp: 472913

Ion Ratio Lower Upper

91 100

126 31.2 15.2 45.6

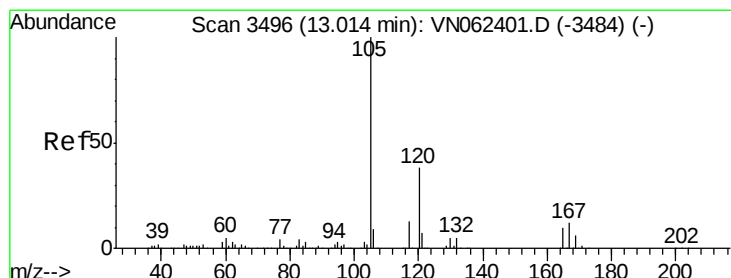
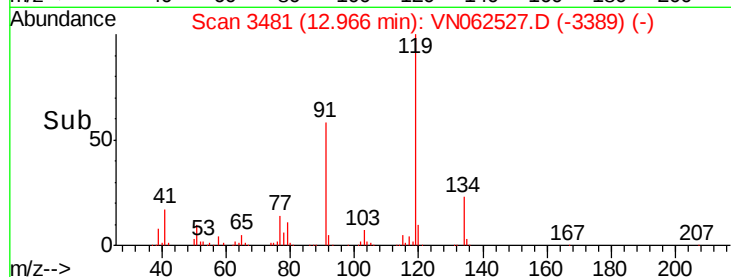
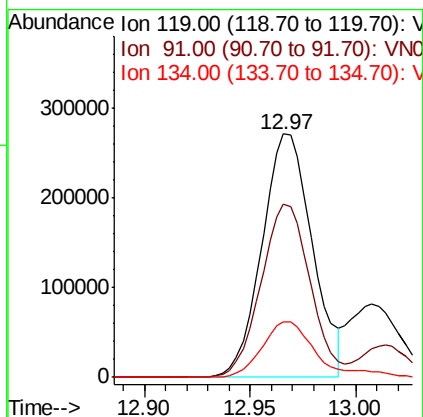
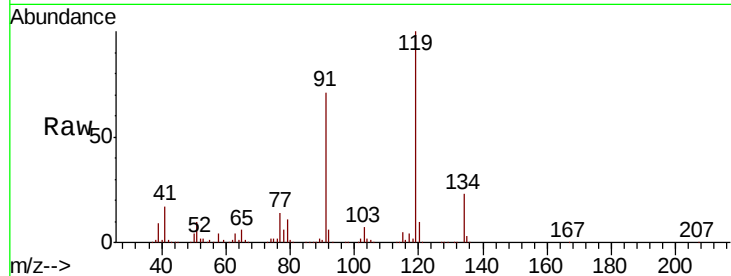




#83
 tert-Butylbenzene
 Concen: 54.018 ug/l
 RT: 12.97 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

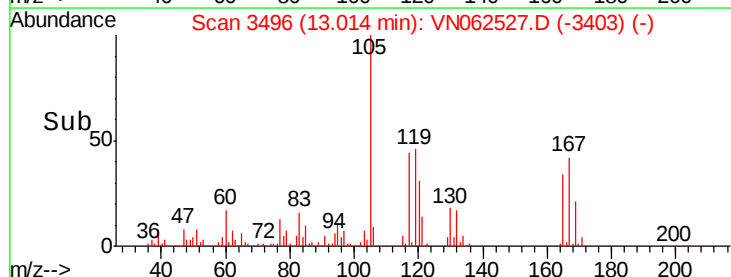
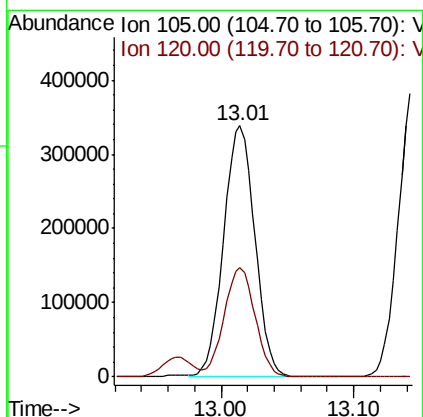
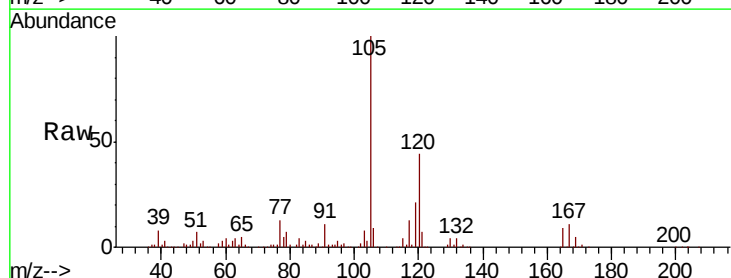
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

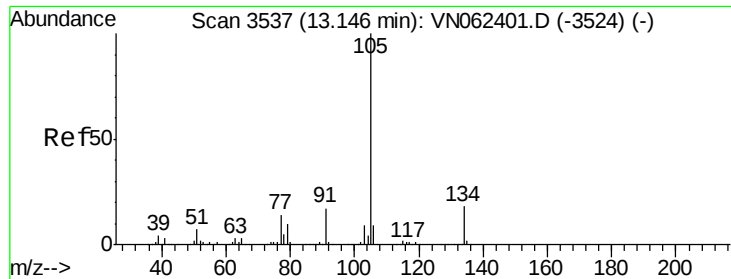
Tot Ion:119 Resp: 451912
 Ion Ratio Lower Upper
 119 100
 91 69.3 34.8 104.3
 134 24.8 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 56.479 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

Tgt Ion:105 Resp: 553437
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.6 64.8





#85

sec-Butylbenzene

Concen: 55.774 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

Instrument :

MSVOA_N

ClientSampleId :

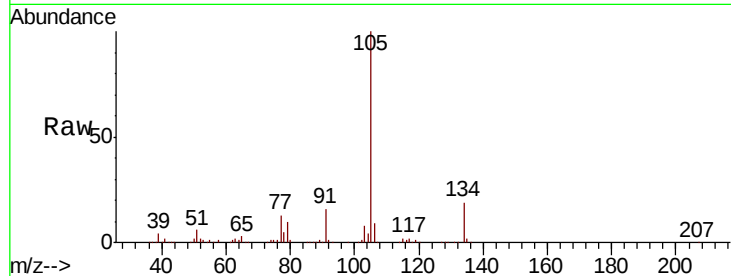
VSTDCCC050

Tot Ion:105 Resp: 618310

Ion Ratio Lower Upper

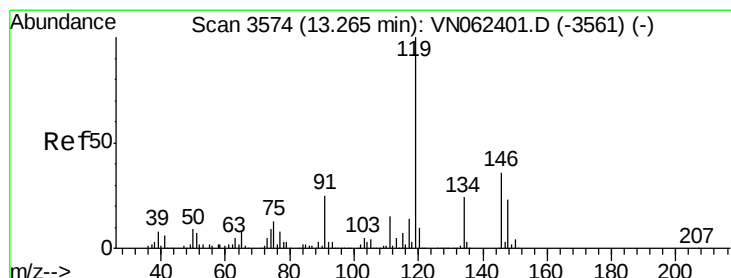
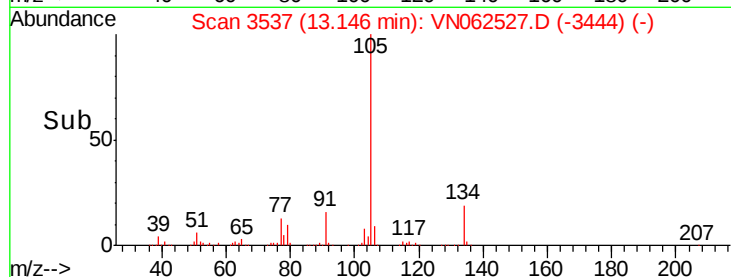
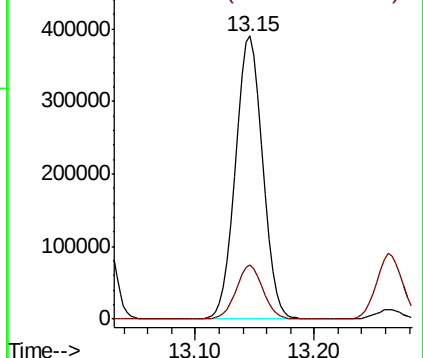
105 100

134 18.8 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.911 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN062527.D

Acq: 15 Jul 2020 9:43

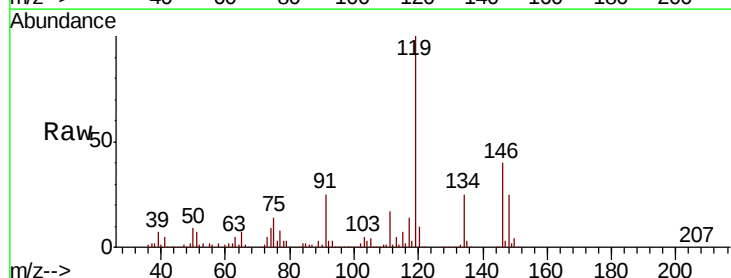
Tgt Ion:119 Resp: 554099

Ion Ratio Lower Upper

119 100

134 24.7 12.4 37.0

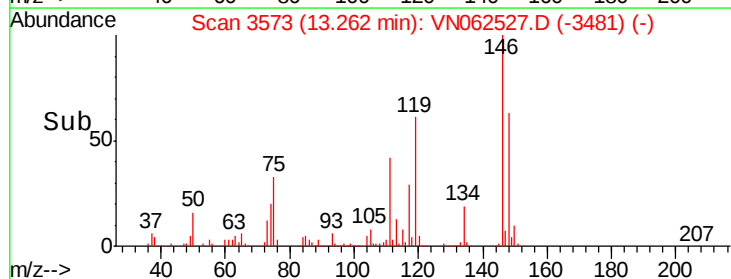
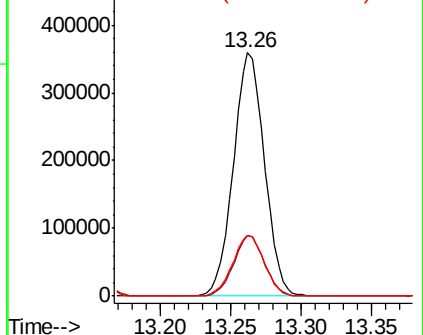
91 25.1 12.4 37.4

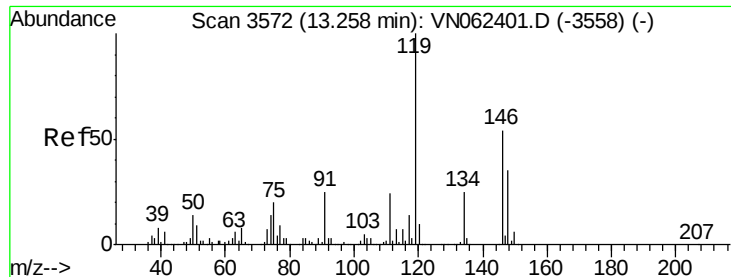


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

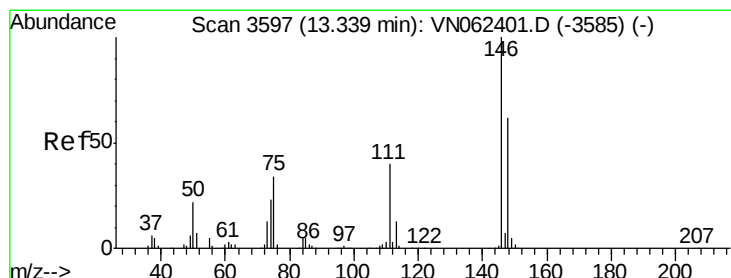
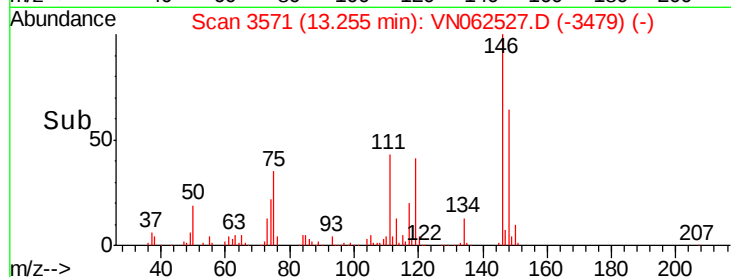
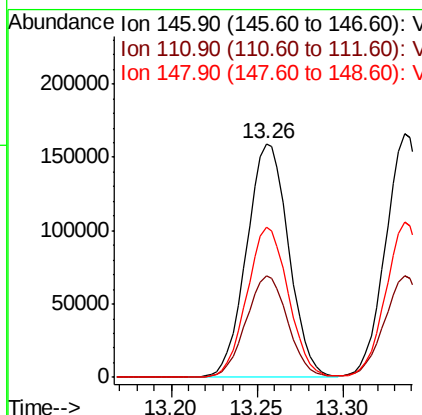
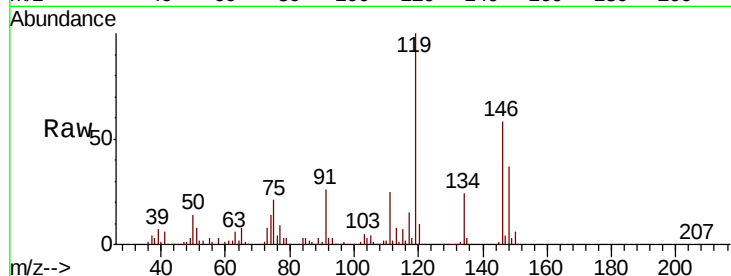




#87
 1,3-Dichlorobenzene
 Concen: 57.183 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

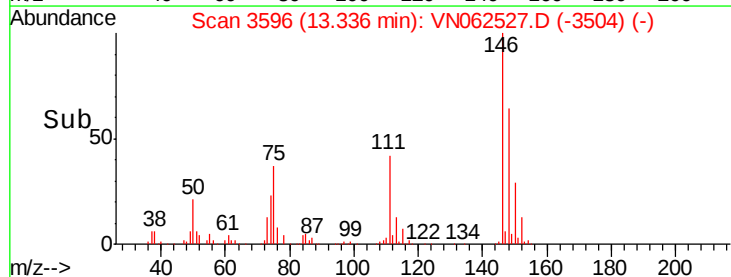
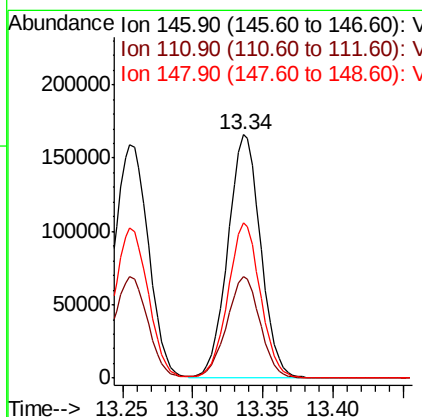
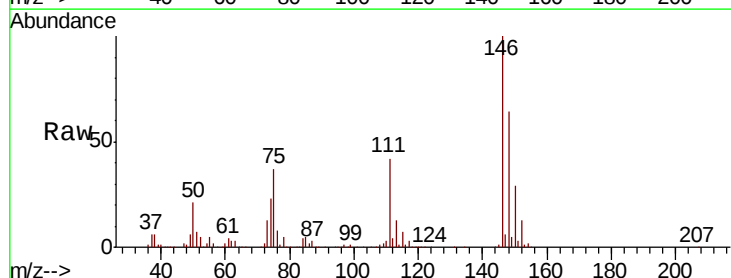
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

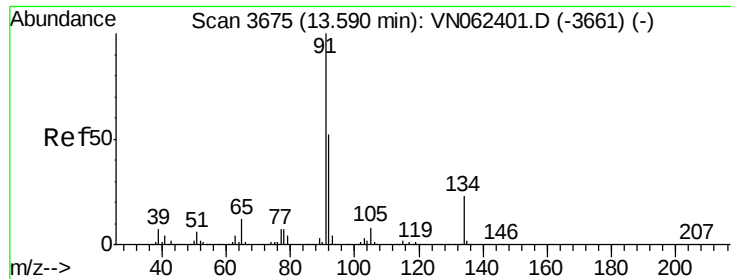
Tot Ion:146 Resp: 269696
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.6 64.6
 148 63.4 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 55.468 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

Tgt Ion:146 Resp: 269183
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.1
 148 63.7 31.4 94.2

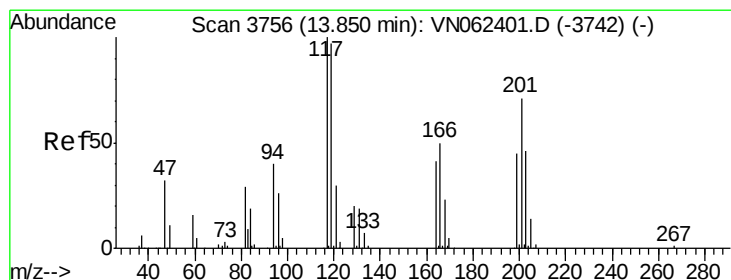
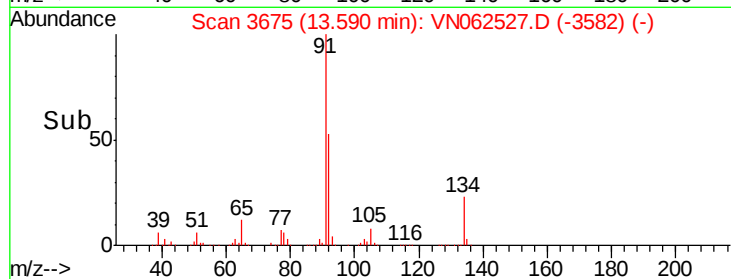
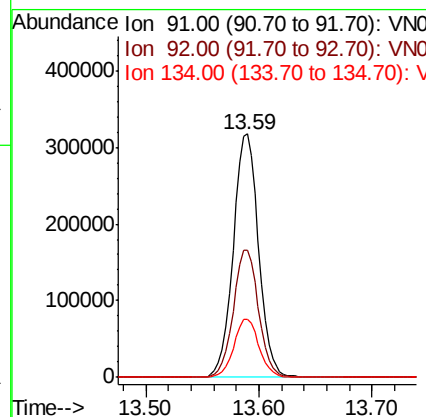
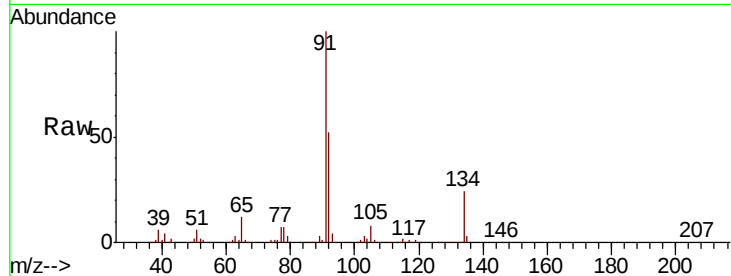




#89
n-Butylbenzene
Concen: 58.476 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

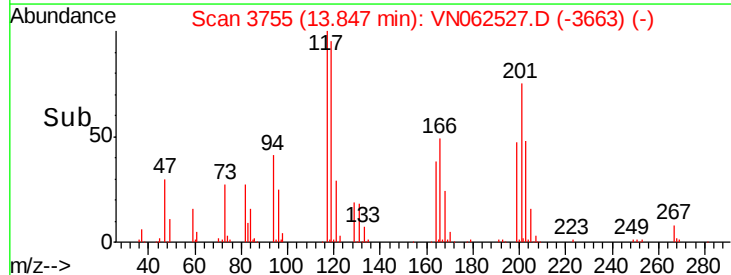
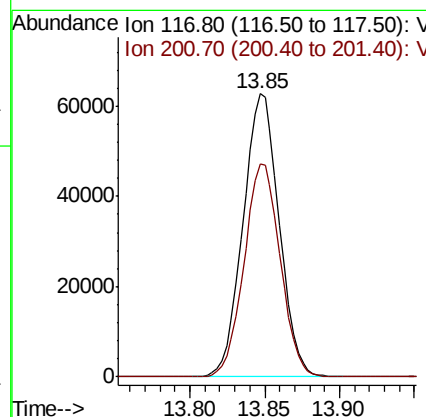
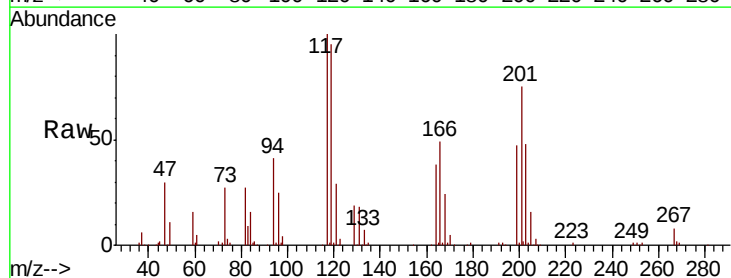
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

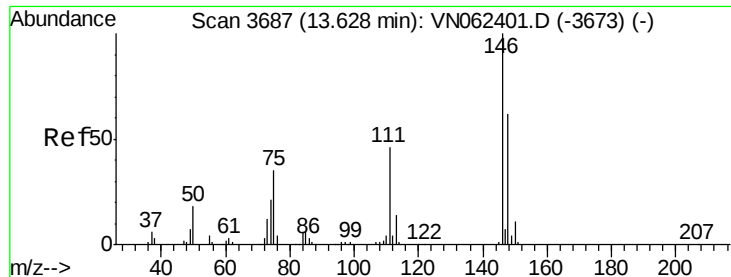
Tot Ion: 91 Resp: 494028
Ion Ratio Lower Upper
91 100
92 52.0 25.9 77.7
134 23.8 11.6 34.8



#90
Hexachloroethane
Concen: 55.957 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Tgt Ion: 117 Resp: 105320
Ion Ratio Lower Upper
117 100
201 75.3 35.4 106.2

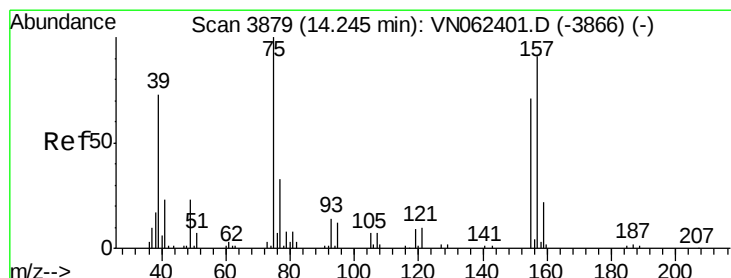
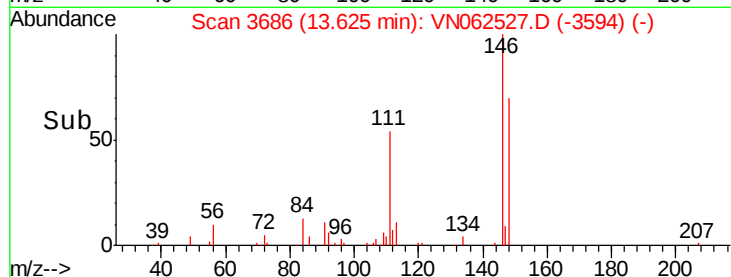
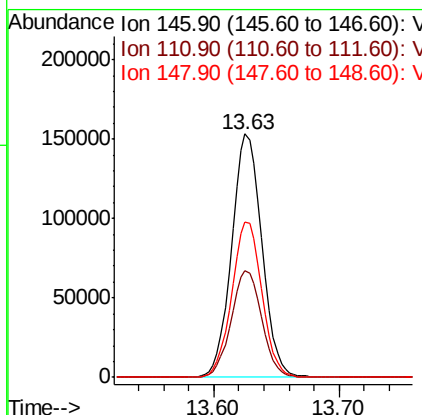
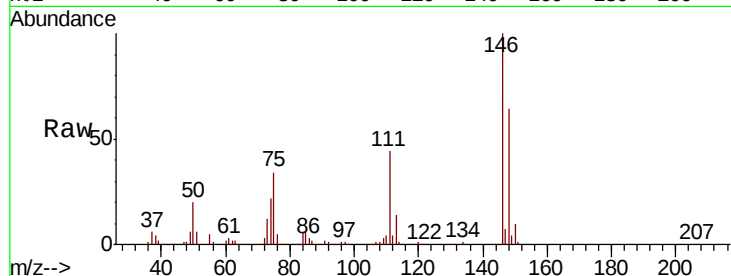




#91
 1,2-Dichlorobenzene
 Concen: 56.202 ug/l
 RT: 13.63 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

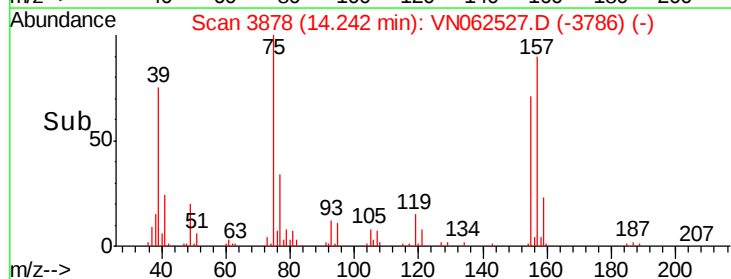
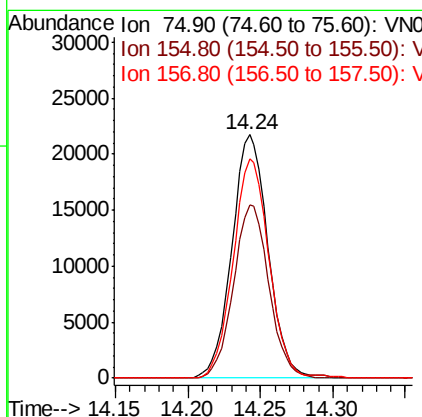
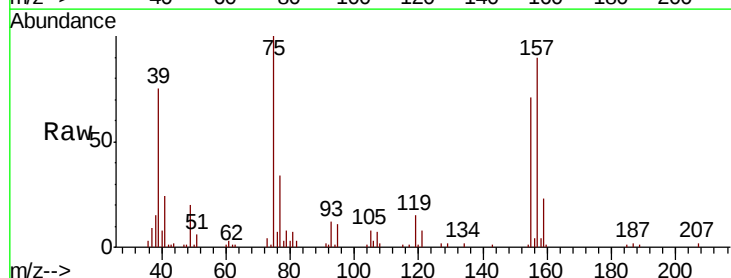
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

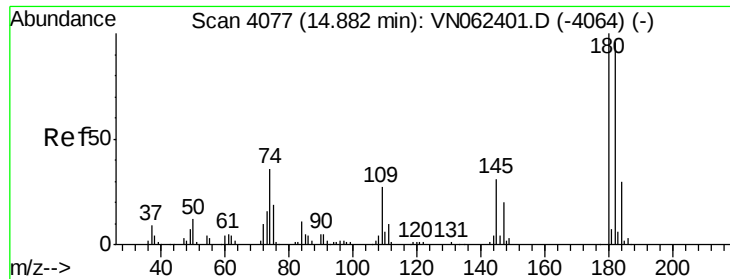
Tot Ion:146 Resp: 256287
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.5 67.5
 148 63.6 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.935 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

Tgt Ion: 75 Resp: 37585
 Ion Ratio Lower Upper
 75 100
 155 69.7 35.2 105.6
 157 89.1 45.8 137.3

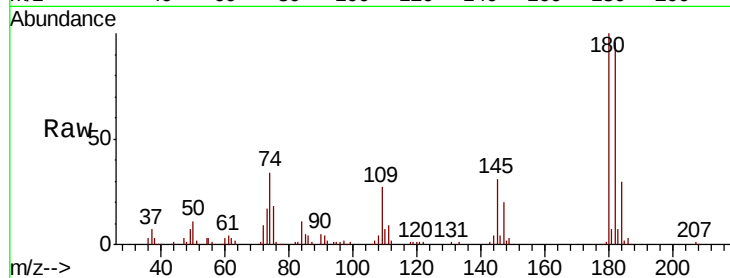




#93
 1,2,4-Trichlorobenzene
 Concen: 52.639 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.4	145.2
145	30.6	15.5	46.5

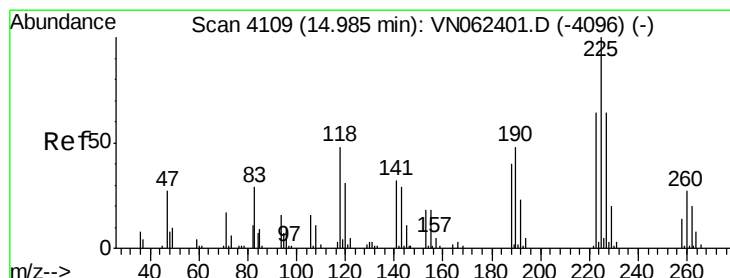
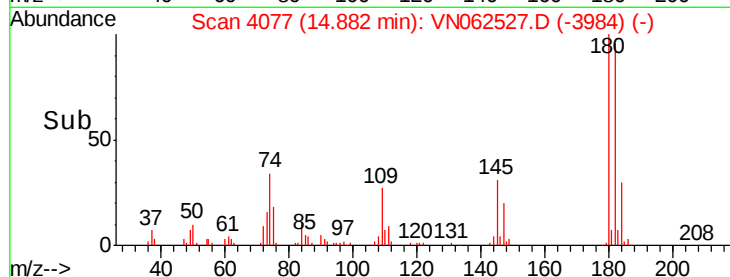
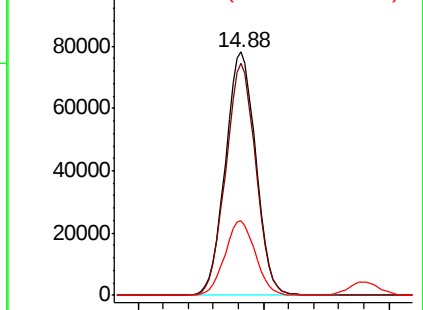


Abundance

Ion 179.80 (179.50 to 180.50): V

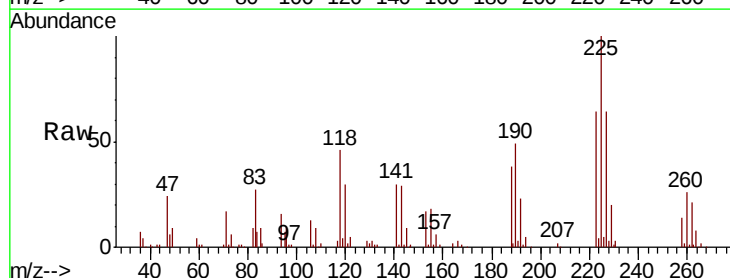
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 62.068 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062527.D
 Acq: 15 Jul 2020 9:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.3	96.8
227	63.5	31.9	95.7

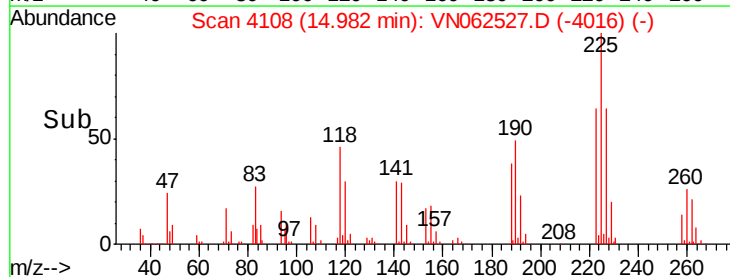
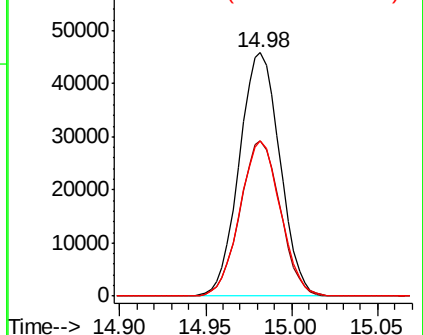


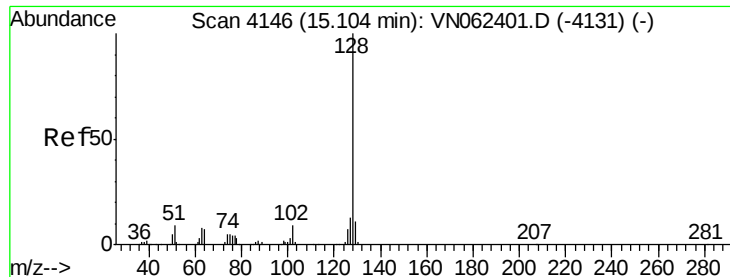
Abundance

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

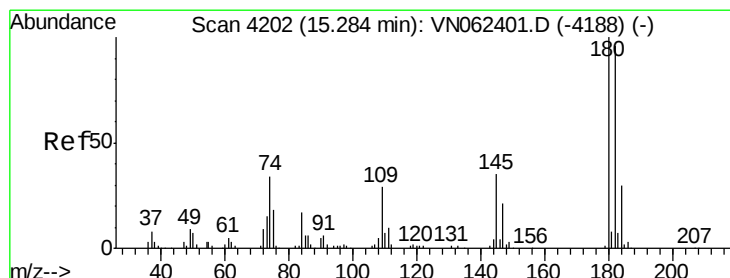
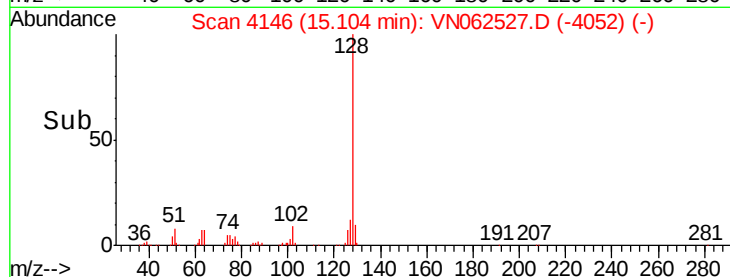
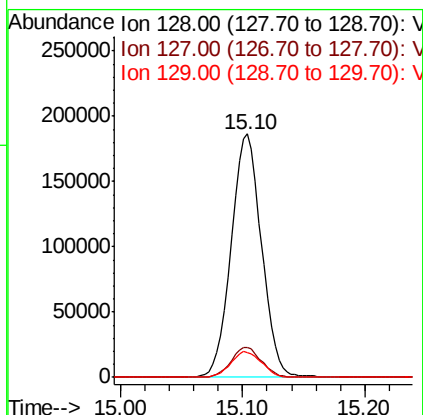
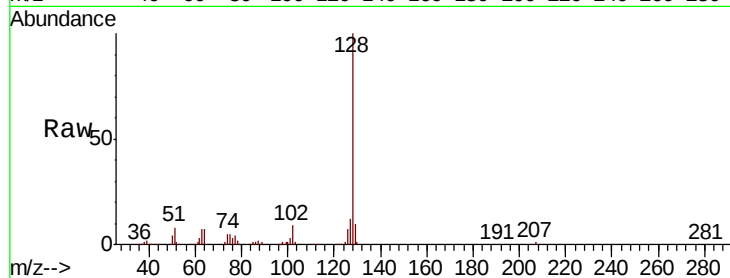




#95
Naphthalene
Concen: 53.839 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 322582
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 53.127 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062527.D
Acq: 15 Jul 2020 9:43

Tgt Ion:180 Resp: 130978
Ion Ratio Lower Upper
180 100
182 94.1 47.8 143.4
145 33.3 17.0 50.9

