

Data File : VN060462.D
Acq On : 11 Mar 2020 19:43
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 12 03:44:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	319202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147853	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	126650	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	7.56	113	93239	62.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.86%	
50) Toluene-d8	10.08	98	367946	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.40	95	142345	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	68179	39.296	ug/l	98
3) Chloromethane	2.04	50	130913	43.338	ug/l	99
4) Vinyl Chloride	2.16	62	106186	40.989	ug/l	99
5) Bromomethane	2.53	94	44926	42.734	ug/l	99
6) Chloroethane	2.68	64	61039	43.487	ug/l	94
7) Trichlorofluoromethane	3.00	101	142607	43.085	ug/l	99
8) Diethyl Ether	3.38	74	58509	46.819	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	83214	44.424	ug/l	99
10) Methyl Iodide	3.93	142	59648	34.890	ug/l	99
11) Tert butyl alcohol	4.73	59	100255	278.086	ug/l	100
12) 1,1-Dichloroethene	3.71	96	82560	45.405	ug/l	98
13) Acrolein	3.58	56	93551	278.152	ug/l	99
14) Allyl chloride	4.29	41	144090	42.985	ug/l	92
15) Acrylonitrile	4.94	53	265879	279.797	ug/l	99
16) Acetone	3.78	43	215661	275.058	ug/l	99
17) Carbon Disulfide	4.03	76	198348	40.985	ug/l	100
18) Methyl Acetate	4.29	43	136127	52.026	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	324899	49.221	ug/l	98
20) Methylene Chloride	4.52	84	98781	45.875	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	90273	46.183	ug/l	99
22) Diisopropyl ether	5.91	45	348958	51.393	ug/l	98
23) Vinyl Acetate	5.86	43	1406604	260.699	ug/l	99
24) 1,1-Dichloroethane	5.81	63	188739	49.105	ug/l	100
25) 2-Butanone	6.80	43	362717	286.408	ug/l	99
26) 2,2-Dichloropropane	6.80	77	142428	40.704	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	111580	44.689	ug/l	100
28) Bromochloromethane	7.17	49	77518	49.122	ug/l	95
29) Tetrahydrofuran	7.18	42	242252	275.083	ug/l	99
30) Chloroform	7.35	83	188760	49.334	ug/l	100
31) Cyclohexane	7.63	56	153841	46.818	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	161873	47.750	ug/l	100
36) 1,1-Dichloropropene	7.77	75	132136	43.435	ug/l	99
37) Ethyl Acetate	6.90	43	152007	52.770	ug/l	100
38) Carbon Tetrachloride	7.75	117	131727	44.474	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	145165	40.471	ug/l	98
40) Benzene	8.02	78	408327	46.116	ug/l	99
41) Methacrylonitrile	7.18	41	223602	168.115	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	150393	47.069	ug/l	99
43) Isopropyl Acetate	8.14	43	262188	51.992	ug/l	99
44) Trichloroethene	8.82	130	106129	43.037	ug/l	98
45) 1,2-Dichloropropane	9.10	63	115338	49.822	ug/l	99
46) Dibromomethane	9.19	93	71746	47.763	ug/l	99
47) Bromodichloromethane	9.39	83	151498	49.589	ug/l	99
48) Methyl methacrylate	9.18	41	116041	50.461	ug/l	99
49) 1,4-Dioxane	9.18	88	35437	1095.803	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	785915	274.870	ug/l	100
52) Toluene	10.14	92	255294	45.900	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	170122	45.445	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	179683	46.322	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	105735	47.273	ug/l	98
56) Ethyl methacrylate	10.42	69	166464	51.803	ug/l	96
57) 1,3-Dichloropropane	10.70	76	182349	49.991	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	426224	253.611	ug/l	98
59) 2-Hexanone	10.74	43	575725	274.245	ug/l	99
60) Dibromochloromethane	10.89	129	113919	50.082	ug/l	100
61) 1,2-Dibromoethane	10.99	107	107451	49.280	ug/l	97
64) Tetrachloroethene	10.62	164	101193	42.208	ug/l	99
65) Chlorobenzene	11.43	112	269785	44.106	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	106893	47.264	ug/l	98
67) Ethyl Benzene	11.50	91	499979	44.885	ug/l	100
68) m/p-Xylenes	11.61	106	370162	88.078	ug/l	100
69) o-Xylene	11.94	106	181039	45.174	ug/l	100
70) Styrene	11.96	104	304082	46.150	ug/l	100
71) Bromoform	12.12	173	83226	51.060	ug/l #	100
73) Isopropylbenzene	12.24	105	490819	44.788	ug/l	100
74) N-amyl acetate	12.06	43	233143	48.686	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	157611	52.910	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	210935	65.025	ug/l #	100
77) Bromobenzene	12.52	156	118794	44.223	ug/l	96
78) n-propylbenzene	12.59	91	571740	44.509	ug/l	99
79) 2-Chlorotoluene	12.67	91	339434	44.953	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	412606	44.719	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	56252	47.869	ug/l #	85
82) 4-Chlorotoluene	12.77	91	354256	44.530	ug/l	98
83) tert-Butylbenzene	12.99	119	352803	44.164	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	414858	44.546	ug/l	99
85) sec-Butylbenzene	13.17	105	471135	44.042	ug/l	99
86) p-Isopropyltoluene	13.28	119	418475	42.265	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	213397	46.217	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	210460	45.826	ug/l	99
89) n-Butylbenzene	13.61	91	376163	41.387	ug/l	99
90) Hexachloroethane	13.87	117	64905	45.288	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	208783	44.356	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	32585	48.304	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031120\
Quantitation Report (Not Reviewed)

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QLast Update : Thu Feb 27 13:52:50 2020
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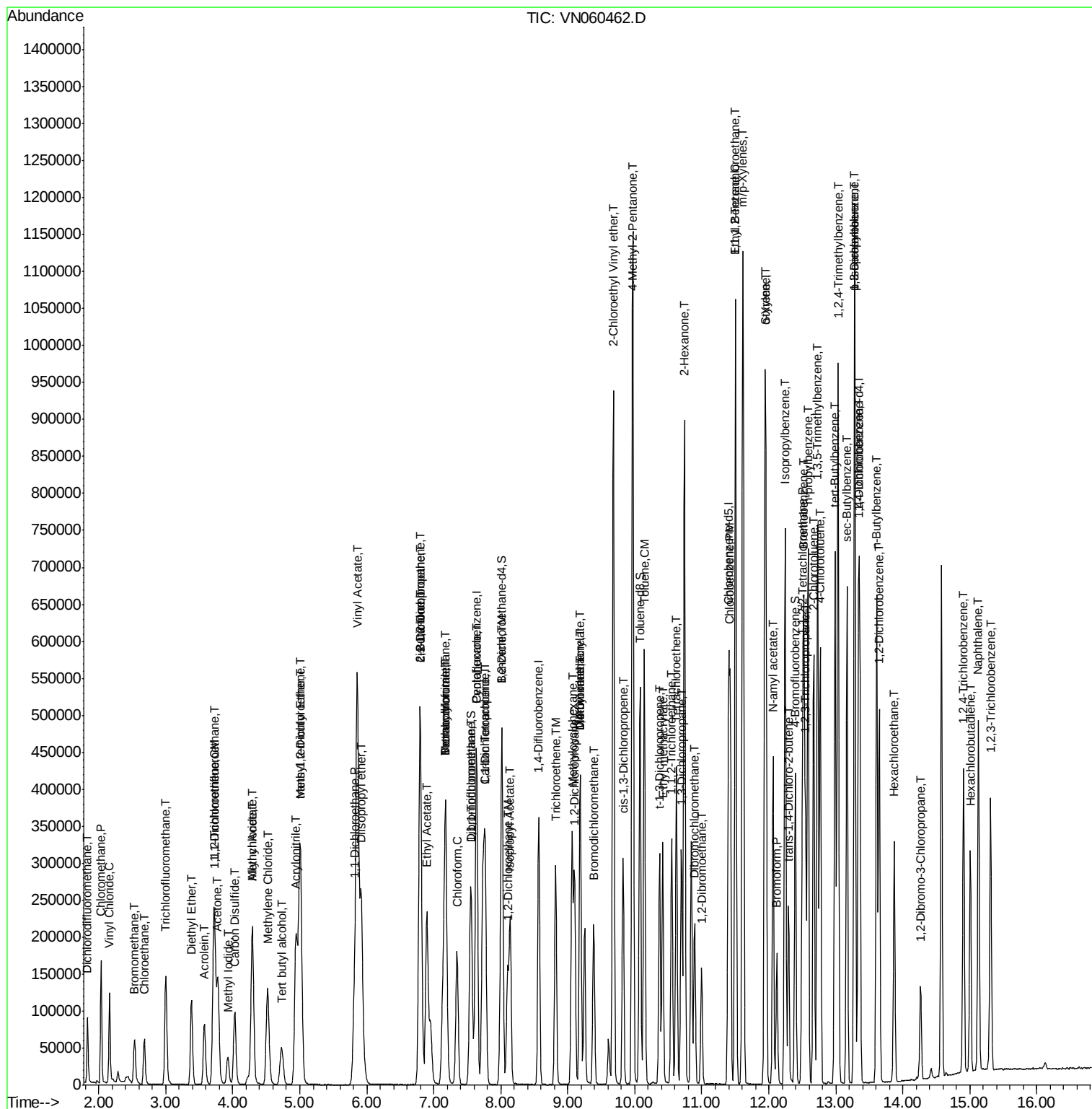
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	129519	43.316	ug/l	99
94) Hexachlorobutadiene	15.01	225	58589	42.529	ug/l	99
95) Naphthalene	15.13	128	398453	45.203	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	125003	44.358	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

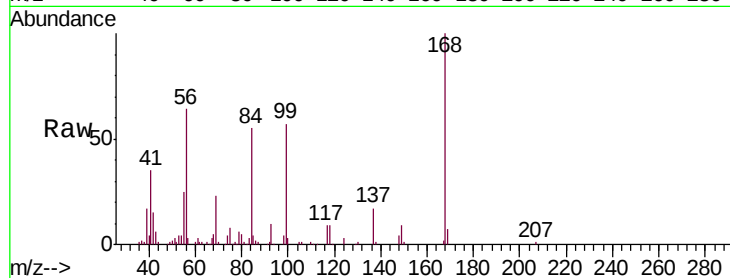
VSTDCCC050EC

Tgt Ion:168 Resp: 189237

Ion Ratio Lower Upper

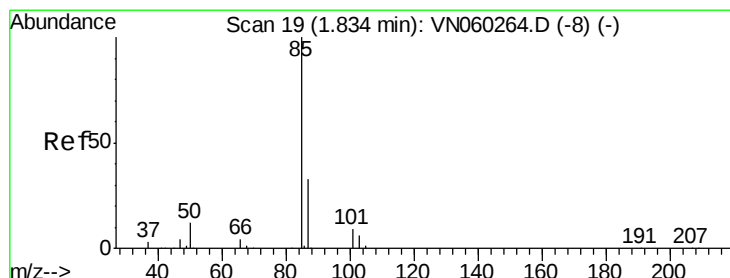
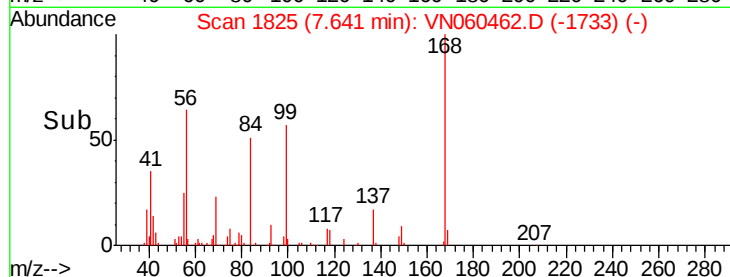
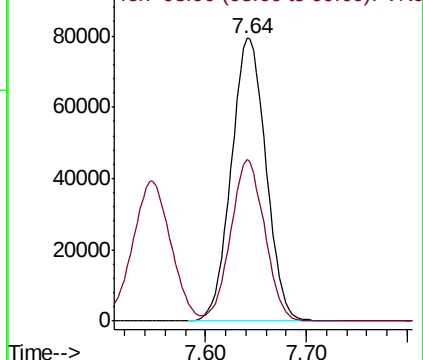
168 100

99 57.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 39.296 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060462.D

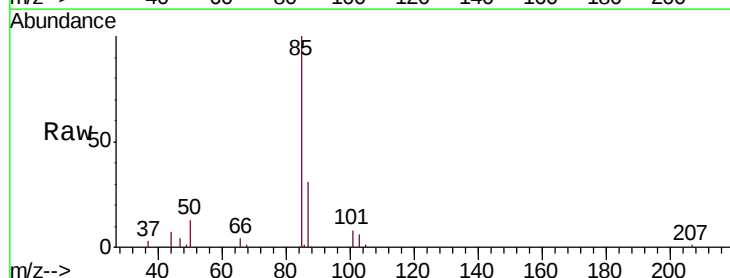
Acq: 11 Mar 2020 19:43

Tgt Ion: 85 Resp: 68179

Ion Ratio Lower Upper

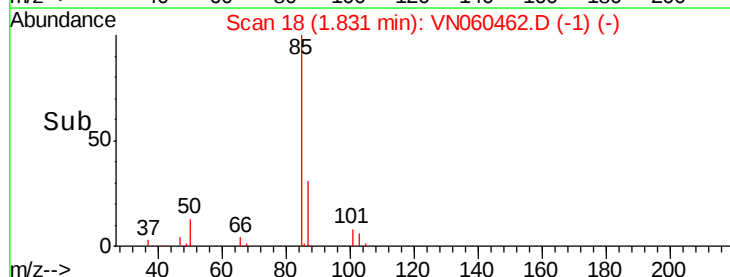
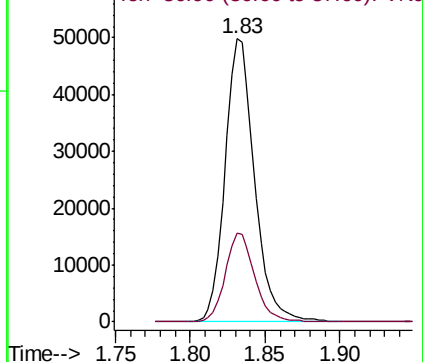
85 100

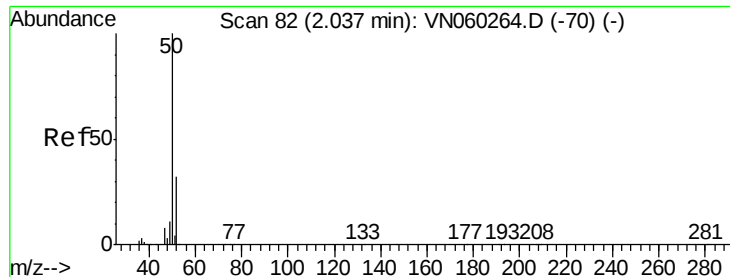
87 31.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 43.338 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

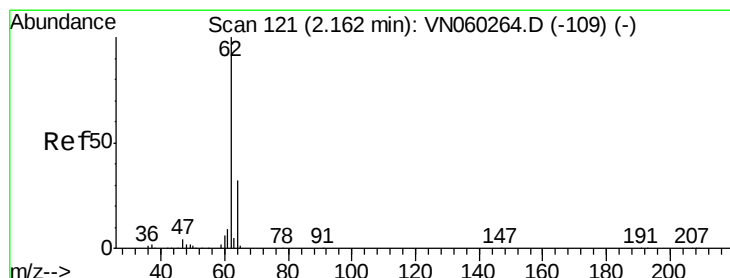
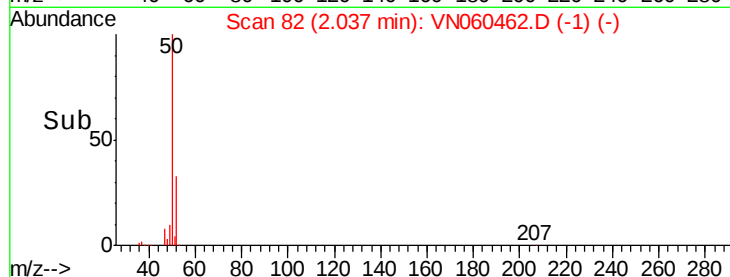
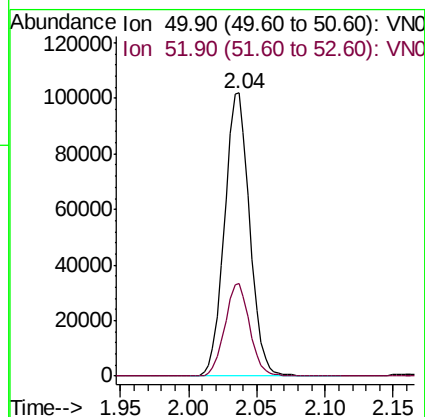
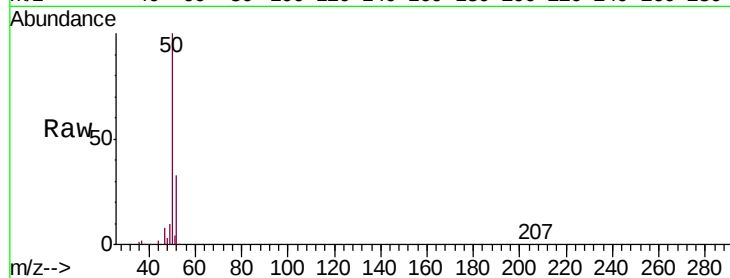
VSTDCCC050EC

Tgt Ion: 50 Resp: 130913

Ion Ratio Lower Upper

50 100

52 32.8 25.6 38.4



#4

Vinyl Chloride

Concen: 40.989 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN060462.D

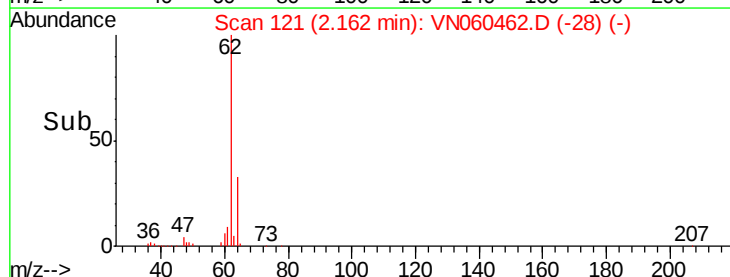
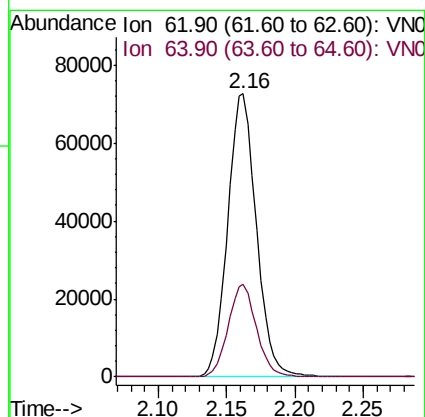
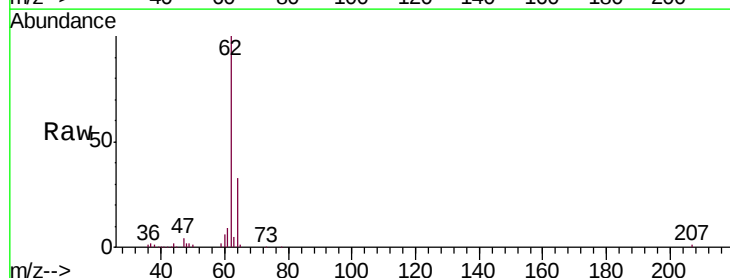
Acq: 11 Mar 2020 19:43

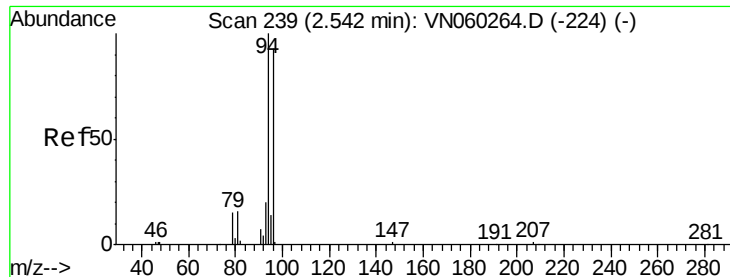
Tgt Ion: 62 Resp: 106186

Ion Ratio Lower Upper

62 100

64 32.7 25.5 38.3





#5

Bromomethane

Concen: 42.734 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.01 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

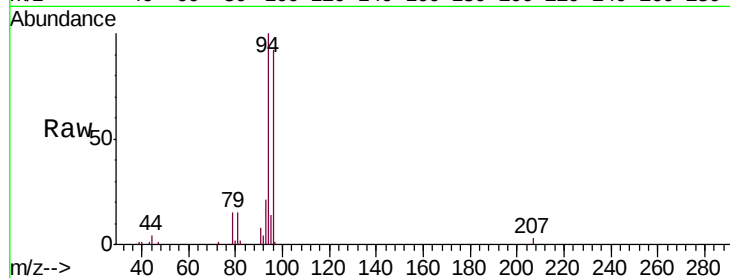
VSTDCCC050EC

Tgt Ion: 94 Resp: 44926

Ion Ratio Lower Upper

94 100

96 91.9 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VN060462.D (-236) (-)

Ion 95.90 (95.60 to 96.60): VN060462.D (-236) (-)

25000

20000

15000

10000

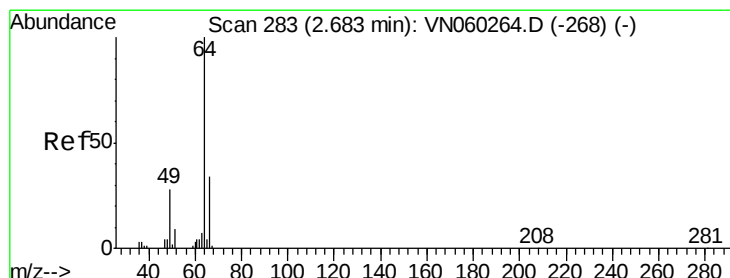
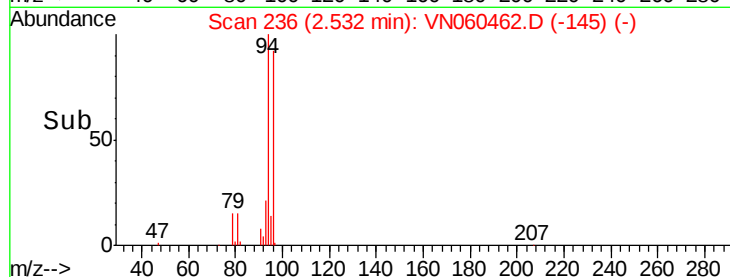
5000

0

Time-->

2.45 2.50 2.55 2.60 2.65

2.53



#6

Chloroethane

Concen: 43.487 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN060462.D

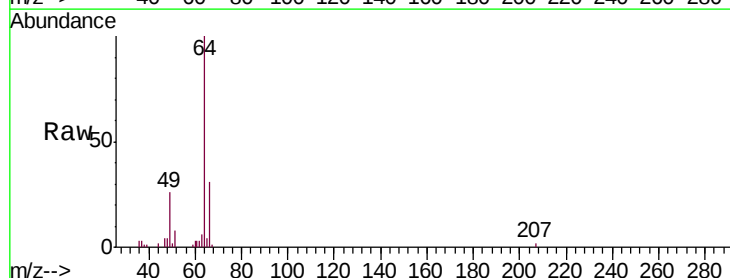
Acq: 11 Mar 2020 19:43

Tgt Ion: 64 Resp: 61039

Ion Ratio Lower Upper

64 100

66 30.7 27.4 41.2



Abundance Ion 63.90 (63.60 to 64.60): VN060462.D (-282) (-)

Ion 65.90 (65.60 to 66.60): VN060462.D (-282) (-)

30000

20000

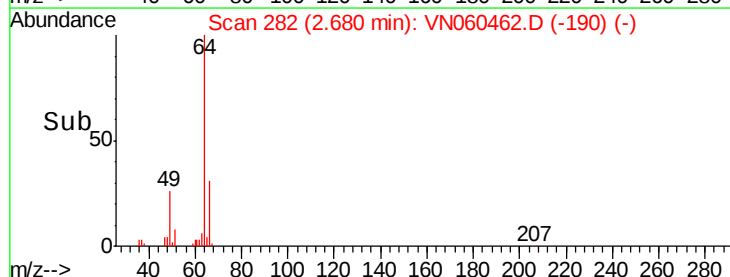
10000

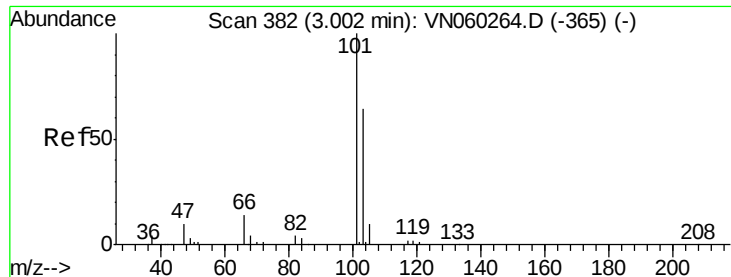
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Time-->

2.60 2.65 2.70 2.75 2.80

2.68



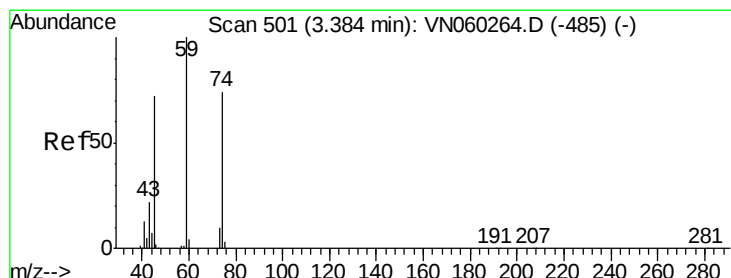
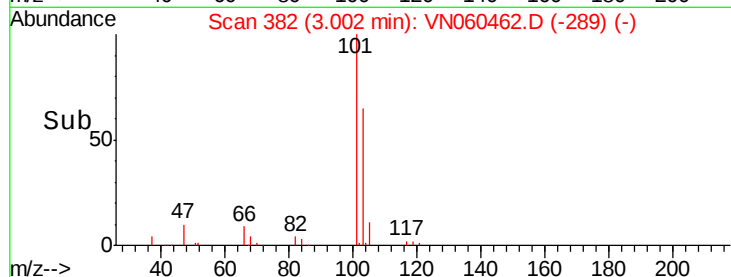
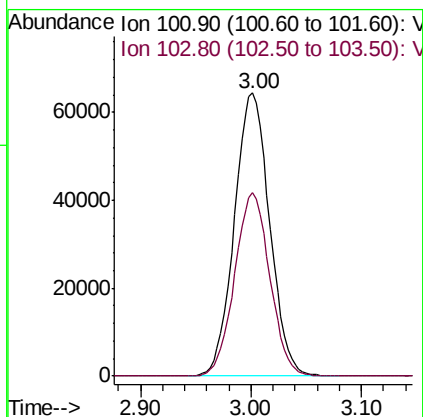
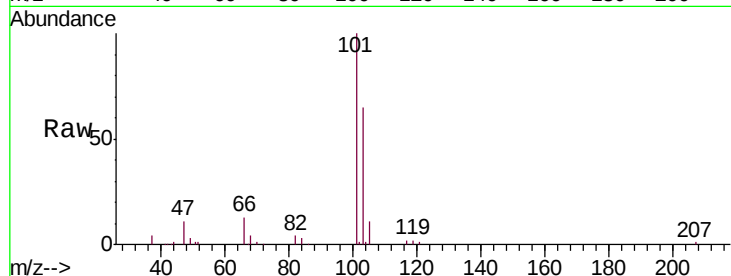


#7

Trichlorofluoromethane
 Concen: 43.085 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
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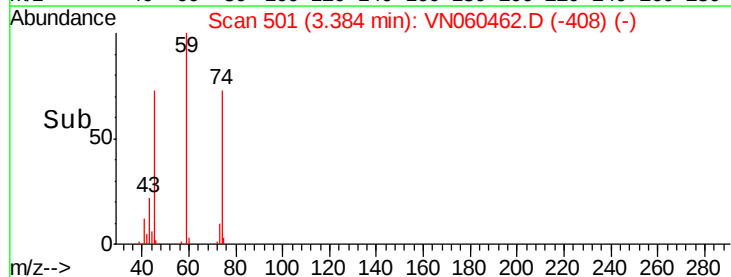
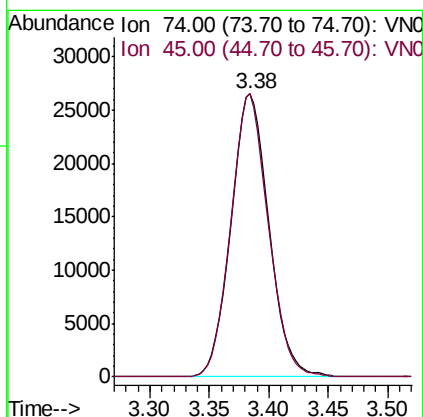
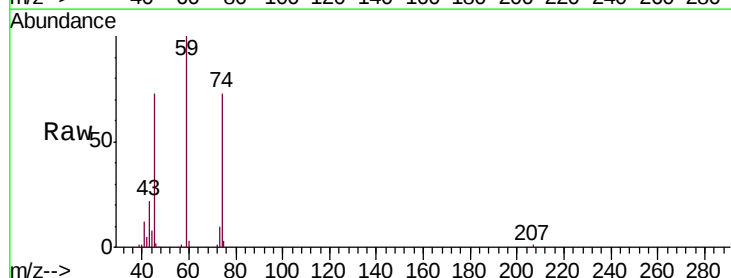
Tgt Ion:101 Resp: 142607
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.3 76.9



#8

Diethyl Ether
 Concen: 46.819 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion: 74 Resp: 58509
 Ion Ratio Lower Upper
 74 100
 45 98.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.424 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

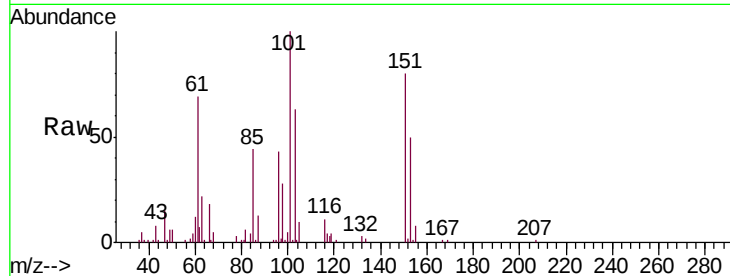
Tgt Ion:101 Resp: 83214

Ion Ratio Lower Upper

101 100

85 43.9 35.4 53.2

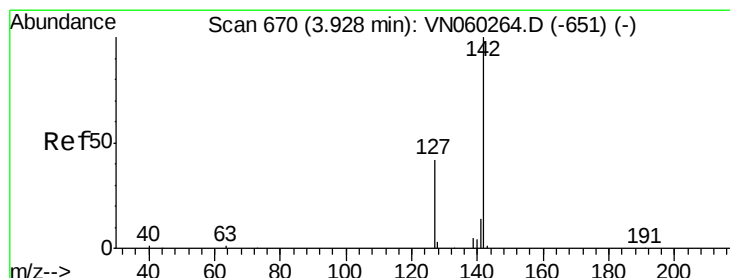
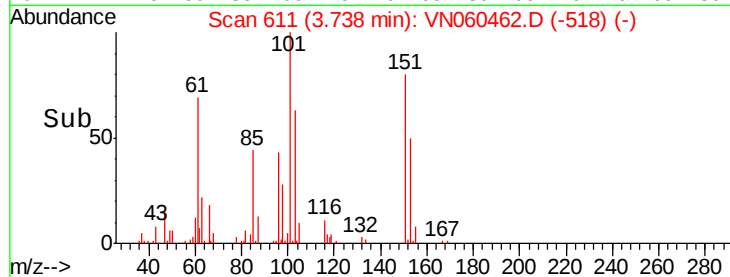
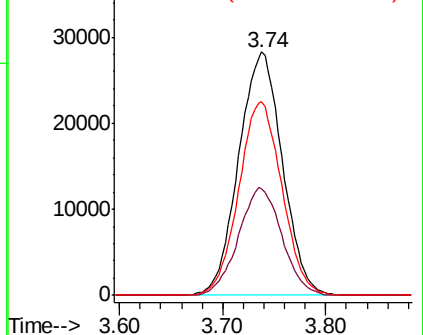
151 78.7 62.0 93.0



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: 34.890 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

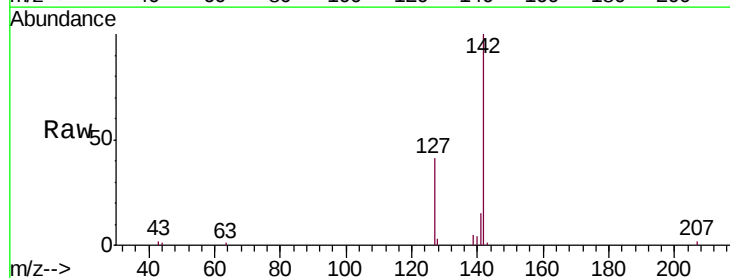
Tgt Ion:142 Resp: 59648

Ion Ratio Lower Upper

142 100

127 42.6 33.8 50.6

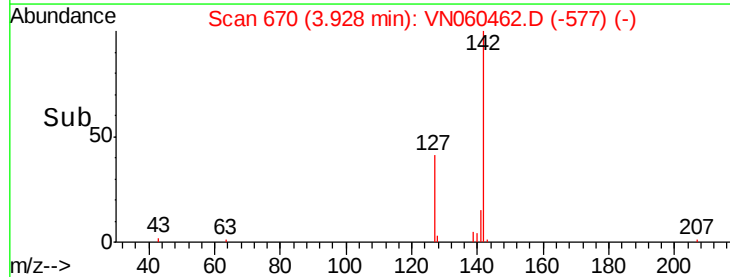
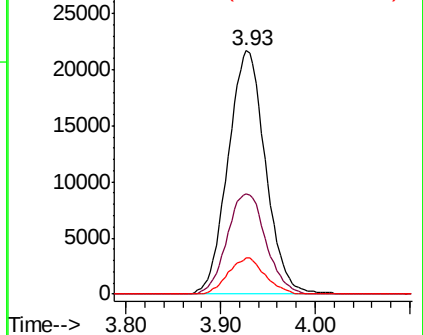
141 14.5 11.1 16.7



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

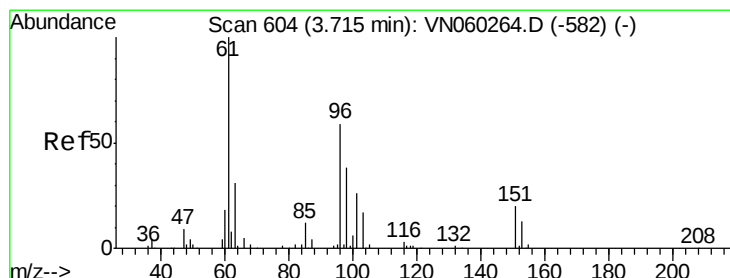
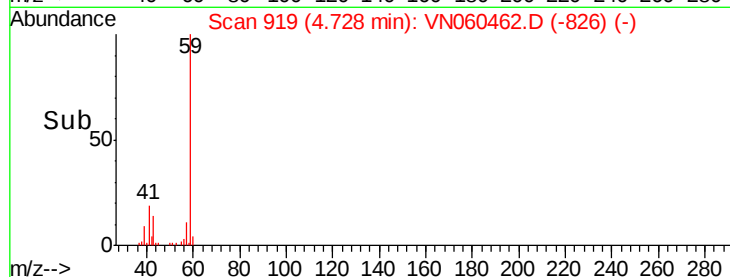
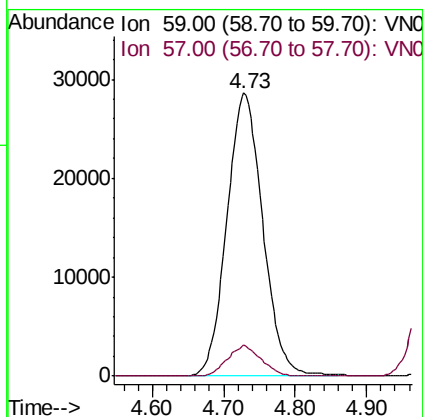
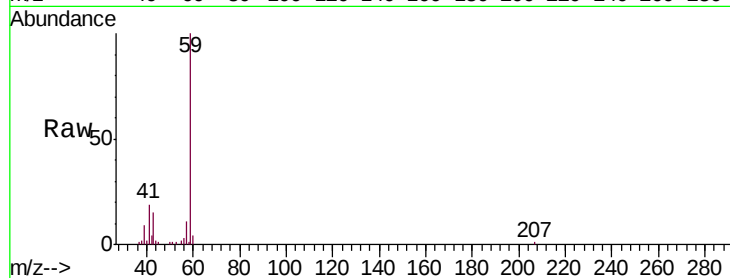




#11
Tert butyl alcohol
Concen: 278.086 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

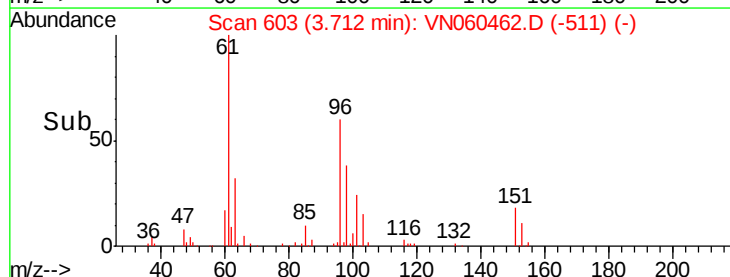
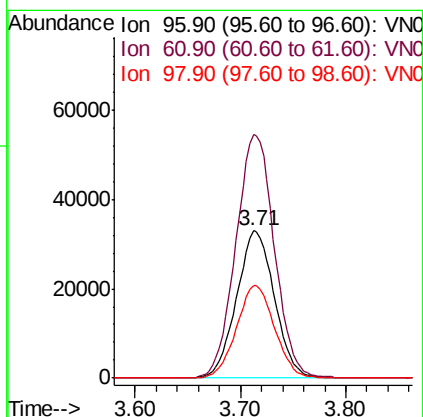
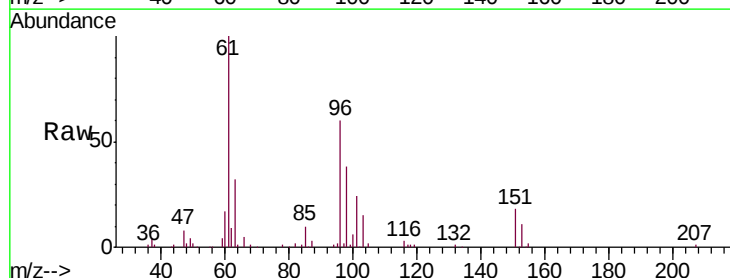
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 100255
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 45.405 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion: 96 Resp: 82560
Ion Ratio Lower Upper
96 100
61 165.5 135.4 203.0
98 63.2 51.6 77.4





#13

Acrolein

Concen: 278.152 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

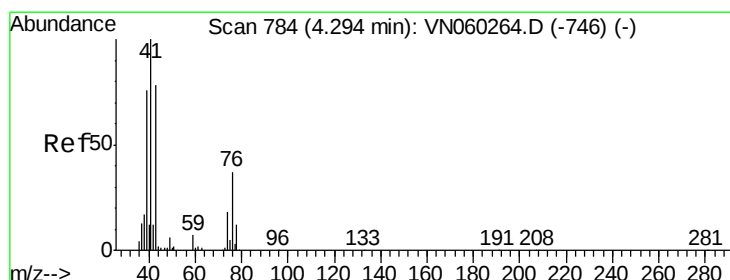
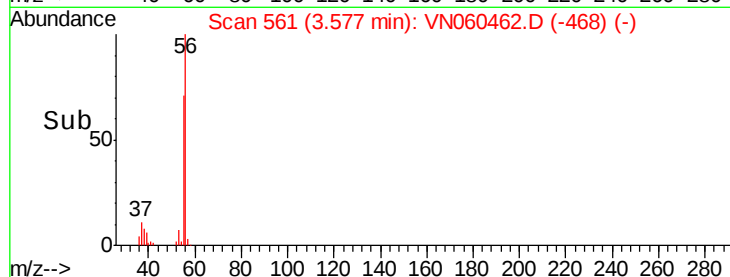
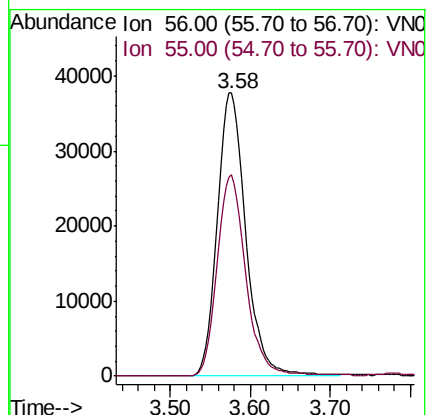
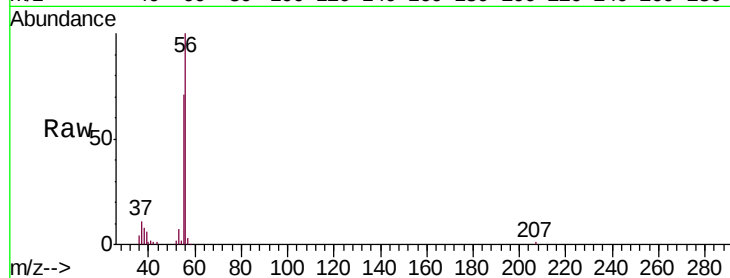
VSTDCCC050EC

Tgt Ion: 56 Resp: 93551

Ion Ratio Lower Upper

56 100

55 71.1 57.4 86.0



#14

Allyl chloride

Concen: 42.985 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

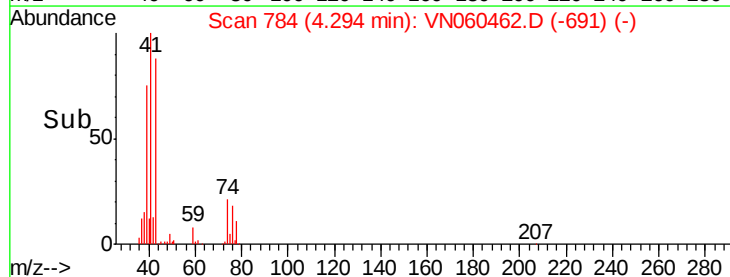
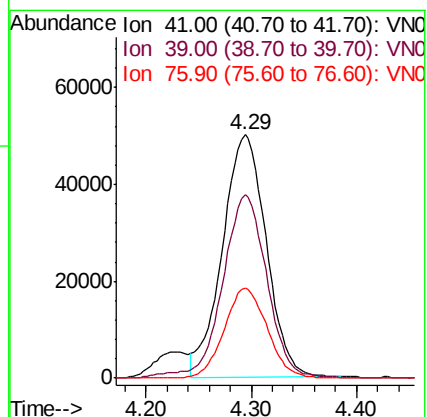
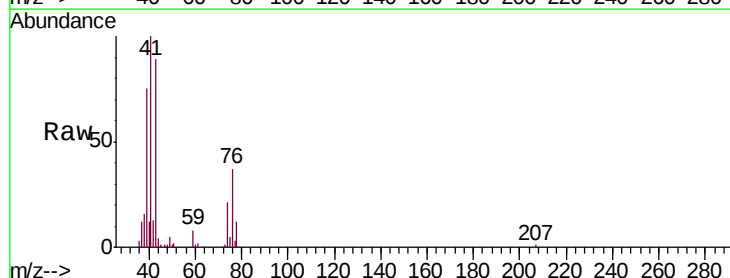
Tgt Ion: 41 Resp: 144090

Ion Ratio Lower Upper

41 100

39 76.7 55.4 83.2

76 36.2 27.0 40.6





#15

Acrylonitrile

Concen: 279.797 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

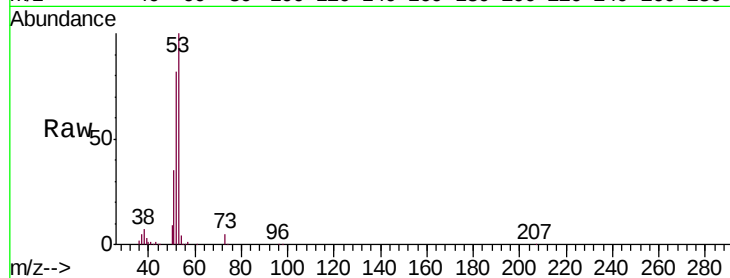
Tgt Ion: 53 Resp: 265879

Ion Ratio Lower Upper

53 100

52 82.8 66.8 100.2

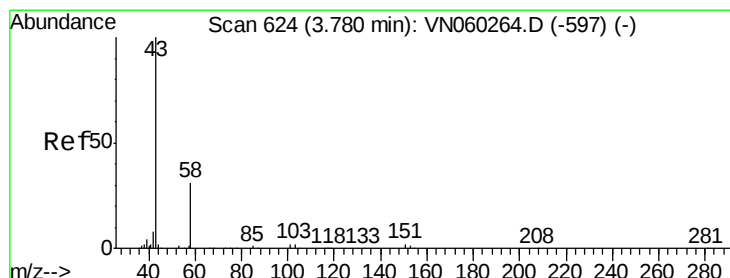
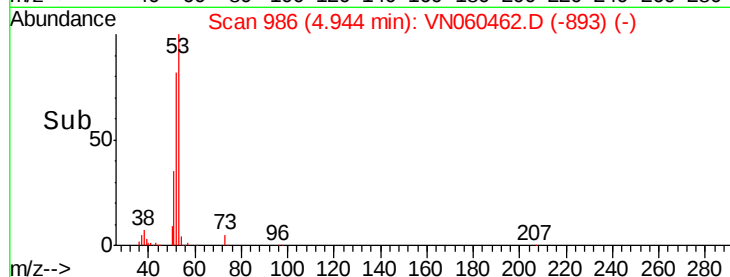
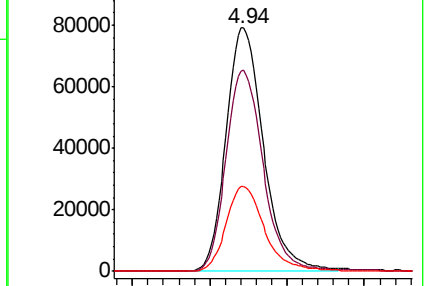
51 36.2 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN060462.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060462.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060462.D (-964) (-)



#16

Acetone

Concen: 275.058 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060462.D

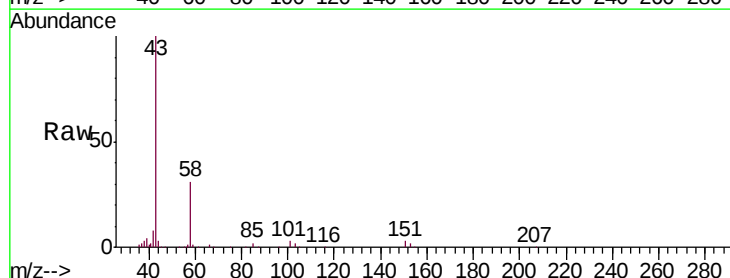
Acq: 11 Mar 2020 19:43

Tgt Ion: 43 Resp: 215661

Ion Ratio Lower Upper

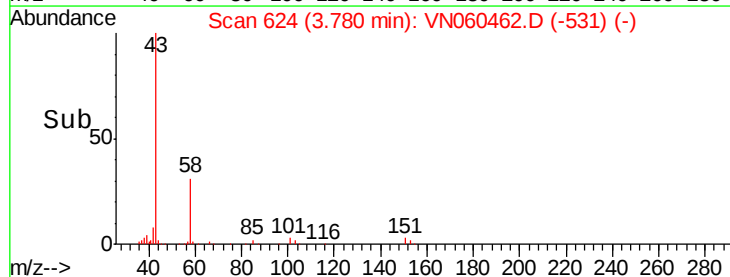
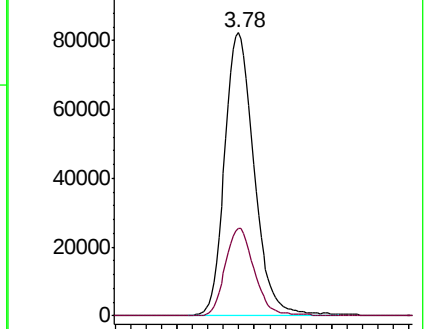
43 100

58 31.2 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060462.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060462.D (-597) (-)





#17

Carbon Disulfide

Concen: 40.985 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

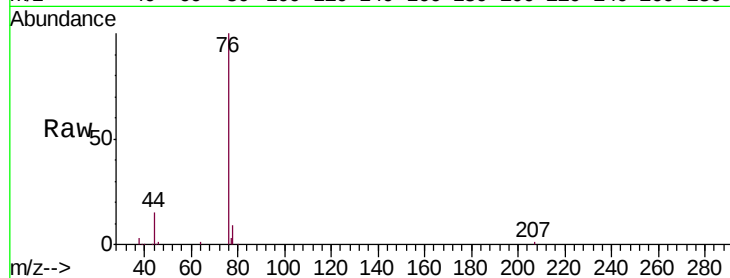
VSTDCCC050EC

Tgt Ion: 76 Resp: 198348

Ion Ratio Lower Upper

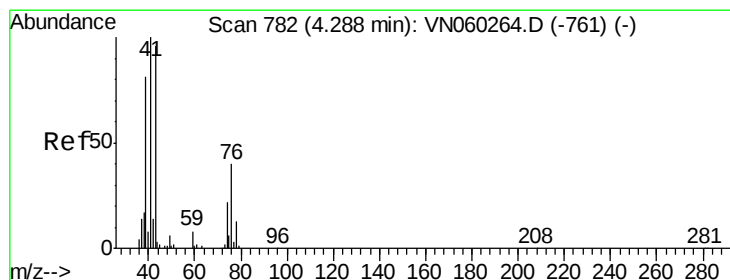
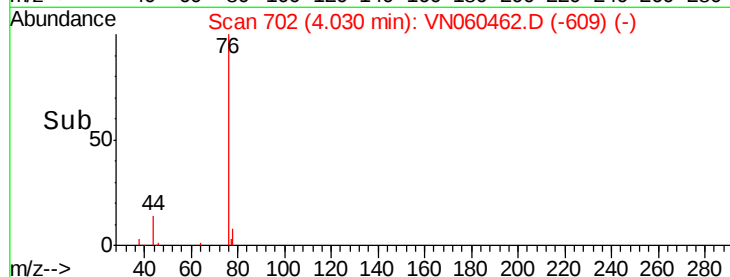
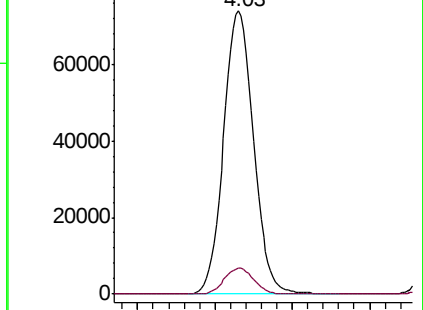
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN060462.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN060462.D (-681) (-)



#18

Methyl Acetate

Concen: 52.026 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN060462.D

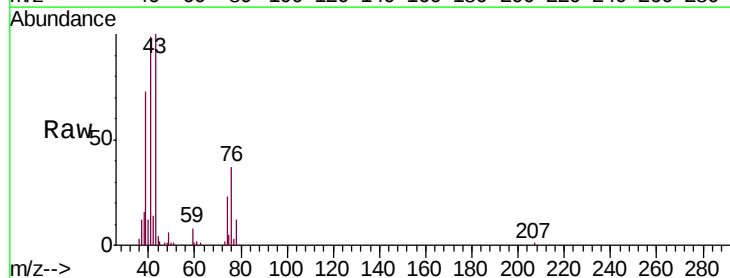
Acq: 11 Mar 2020 19:43

Tgt Ion: 43 Resp: 136127

Ion Ratio Lower Upper

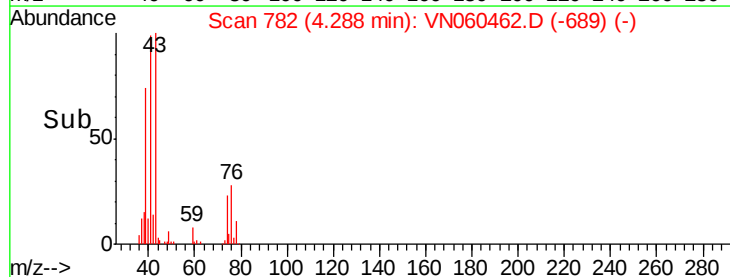
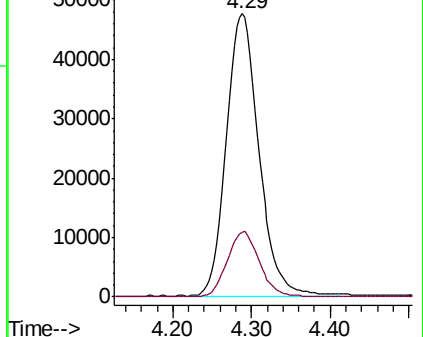
43 100

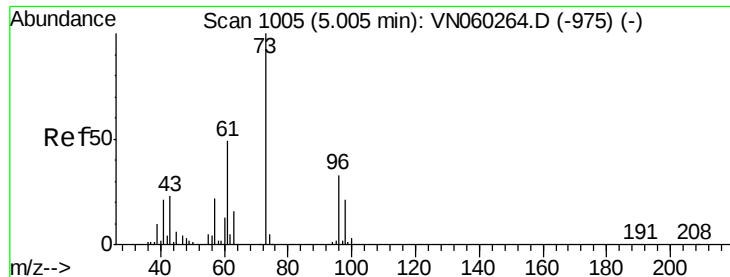
74 23.0 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN060462.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060462.D (-689) (-)

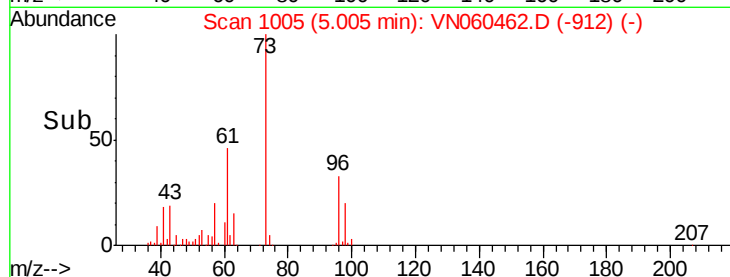
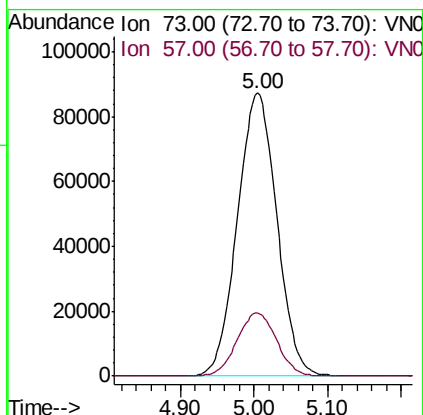
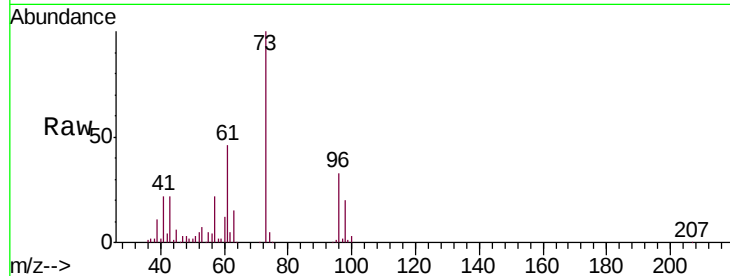




#19
Methyl tert-butyl Ether
Concen: 49.221 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

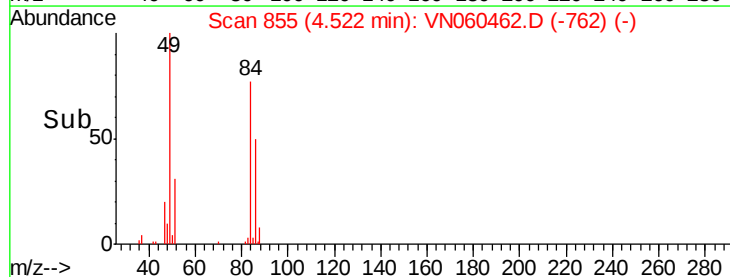
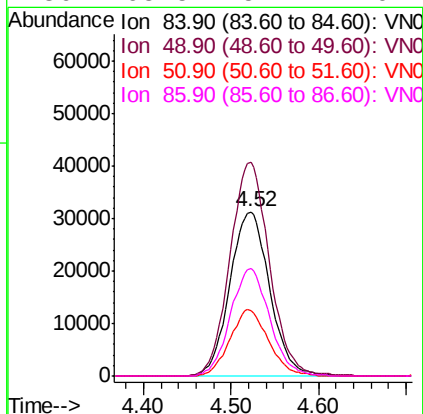
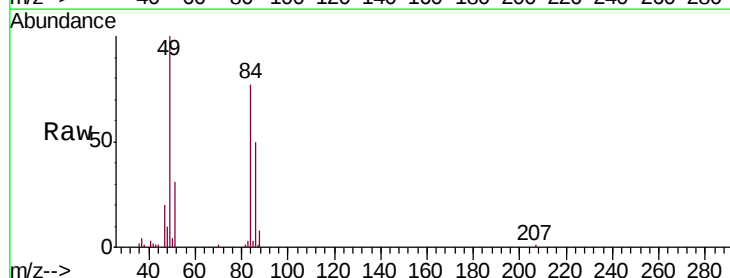
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 324899
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 45.875 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion: 84 Resp: 98781
Ion Ratio Lower Upper
84 100
49 129.9 99.3 148.9
51 39.6 30.1 45.1
86 65.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.183 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

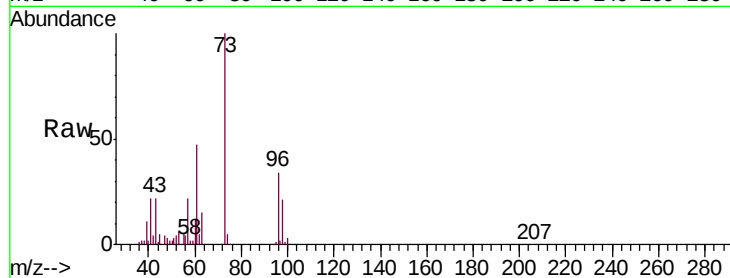
Tgt Ion: 96 Resp: 90273

Ion Ratio Lower Upper

96 100

61 140.0 113.8 170.8

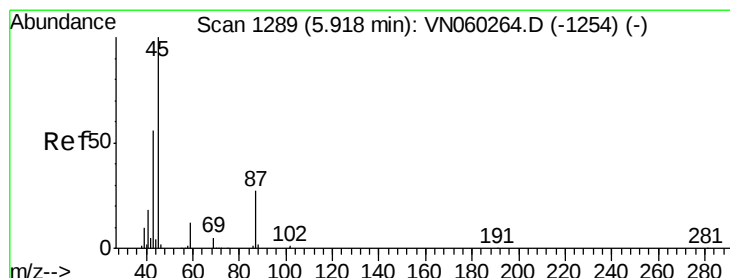
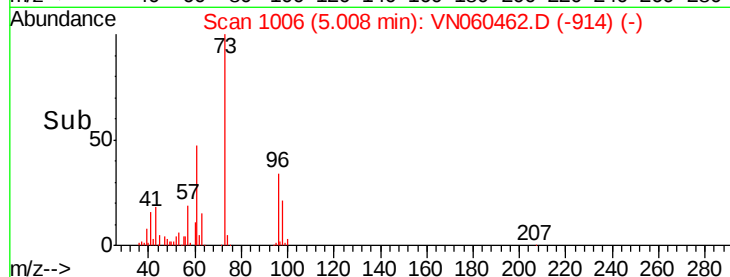
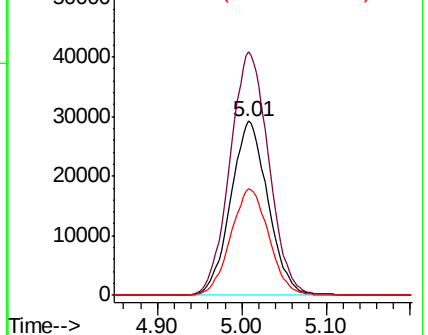
98 61.1 48.8 73.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 51.393 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Tgt Ion: 45 Resp: 348958

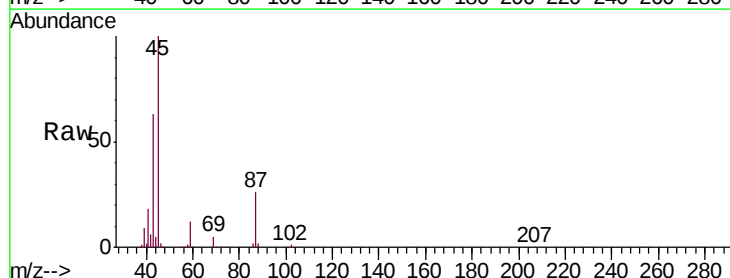
Ion Ratio Lower Upper

45 100

43 61.5 48.6 72.8

87 26.1 22.2 33.2

59 11.6 9.5 14.3

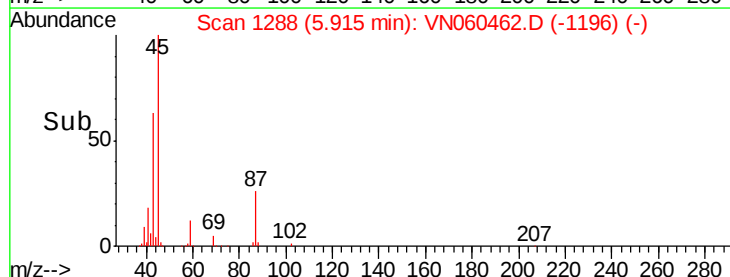
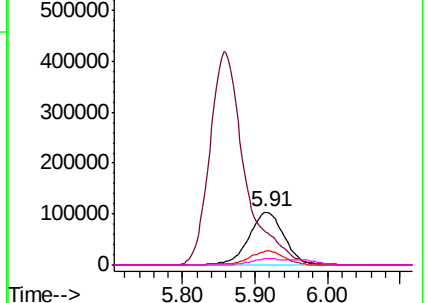


Abundance Ion 45.00 (44.70 to 45.70): VN0

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

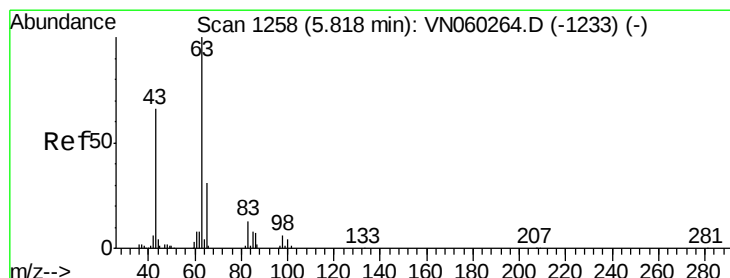
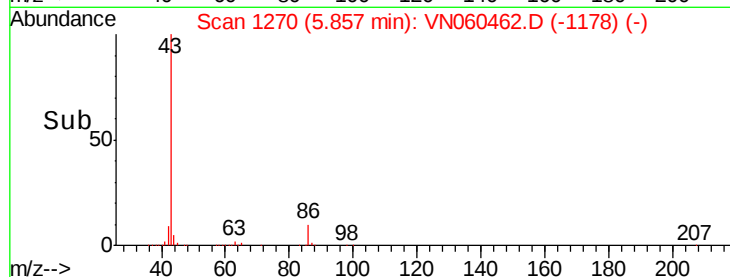
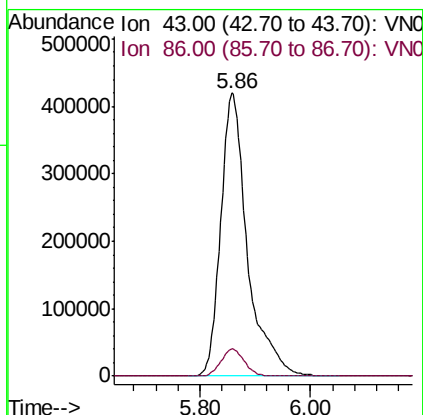
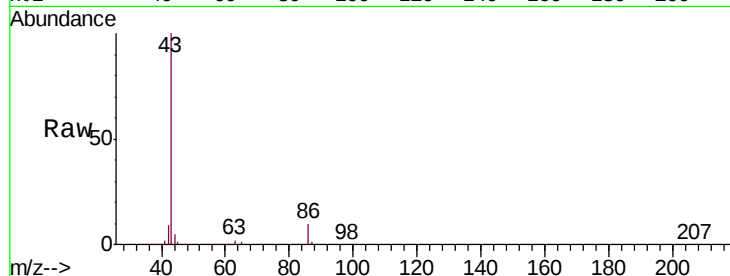




#23
 Vinyl Acetate
 Concen: 260.699 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

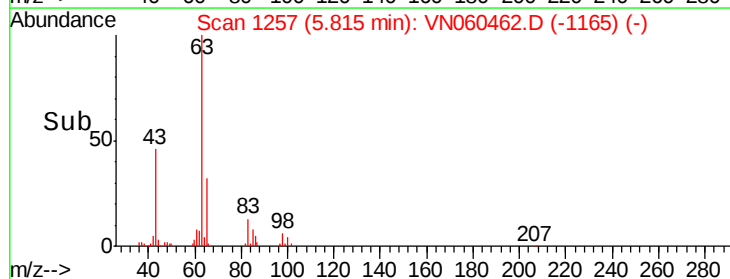
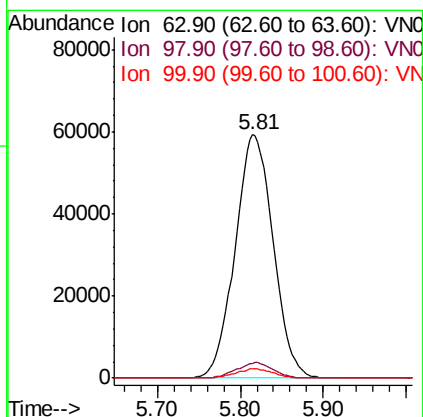
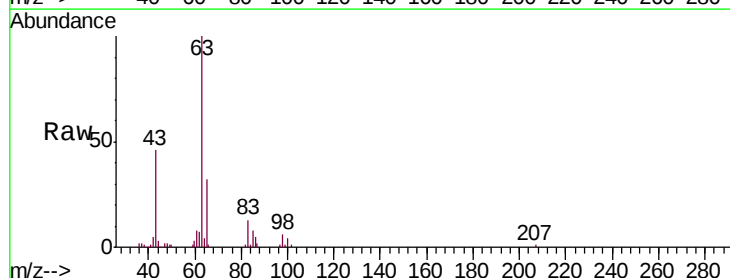
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

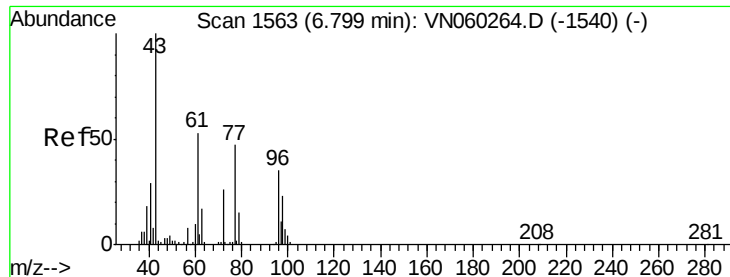
Tgt Ion: 43 Resp: 1406604
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 49.105 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion: 63 Resp: 188739
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.0 9.0
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 286.408 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

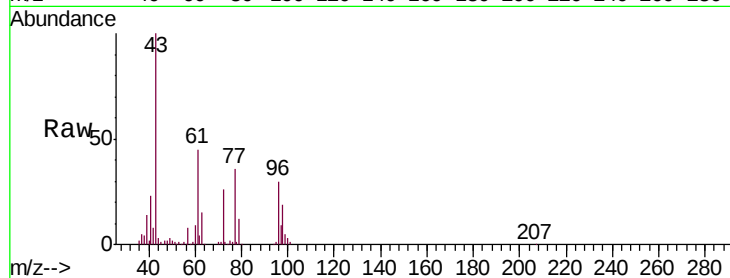
VSTDCCC050EC

Tgt Ion: 43 Resp: 362717

Ion Ratio Lower Upper

43 100

72 25.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN060462.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN060462.D (-1540) (-)

6.80

150000

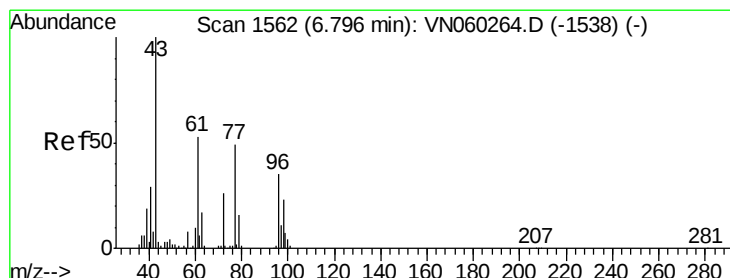
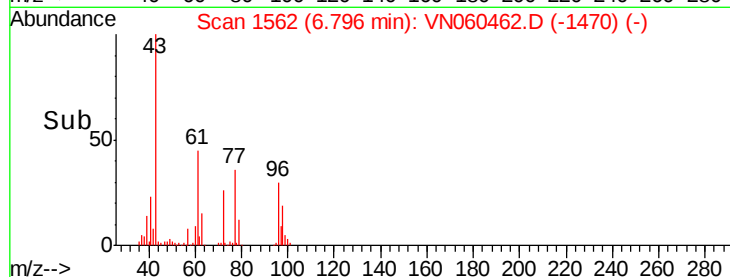
100000

50000

0

6.70 6.80 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 40.704 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060462.D

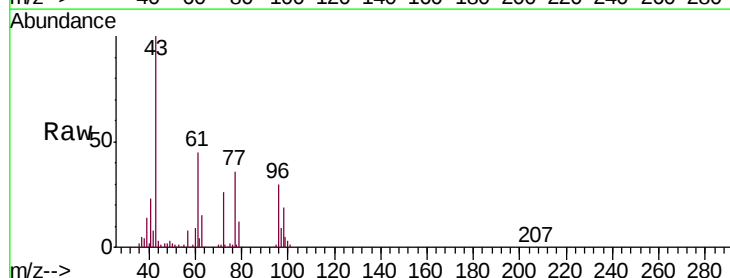
Acq: 11 Mar 2020 19:43

Tgt Ion: 77 Resp: 142428

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN060462.D (-1470) (-)

Ion 96.90 (96.60 to 97.60): VN060462.D (-1470) (-)

6.80

50000

40000

30000

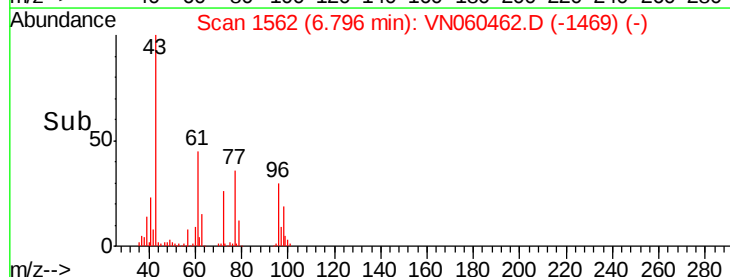
20000

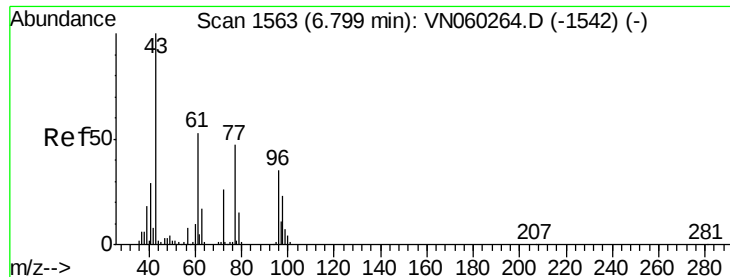
10000

0

6.70 6.80 6.90

Time-->

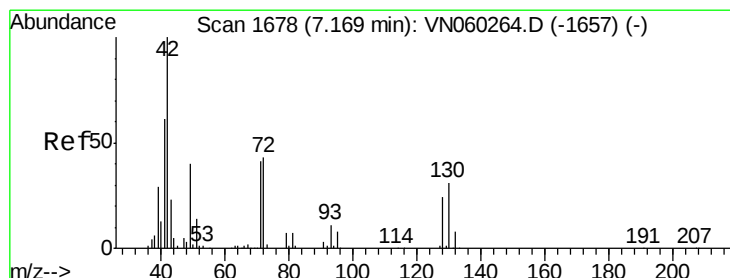
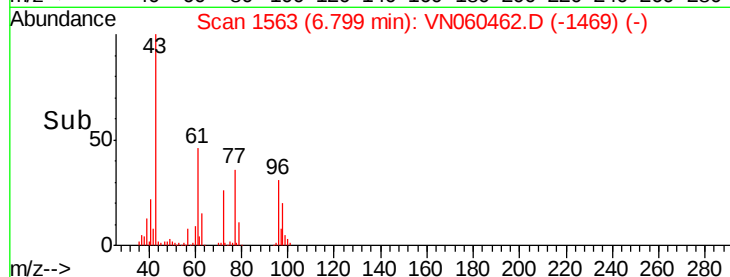
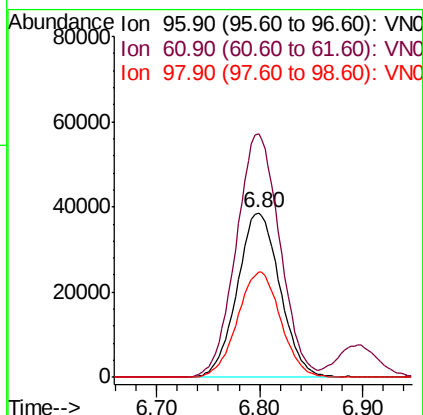
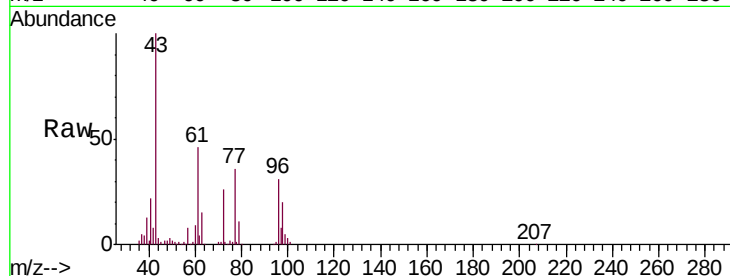




#27
 cis-1,2-Dichloroethene
 Concen: 44.689 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

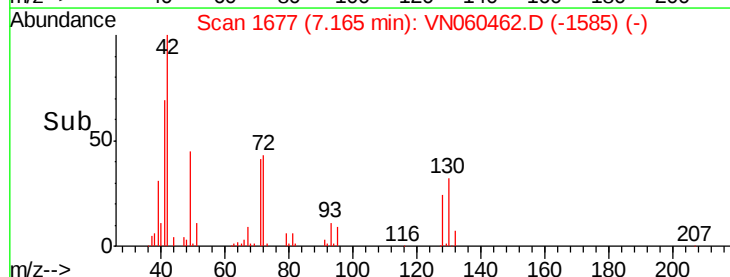
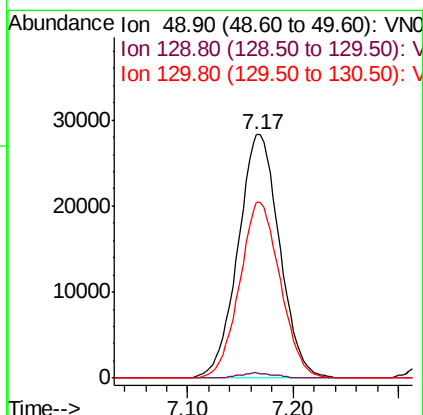
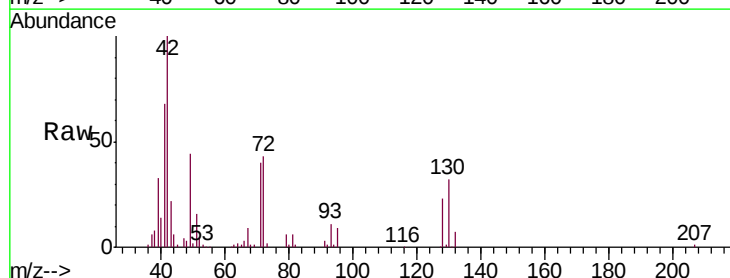
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 111580
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 300.8
 98 64.5 0.0 128.2



#28
 Bromochloromethane
 Concen: 49.122 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion: 49 Resp: 77518
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 70.5 59.8 89.8





#29

Tetrahydrofuran

Concen: 275.083 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

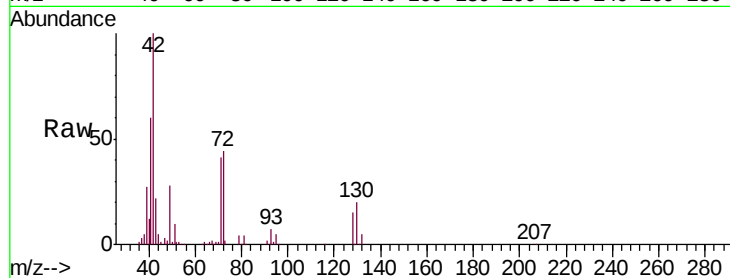
Tgt Ion: 42 Resp: 242252

Ion Ratio Lower Upper

42 100

72 42.9 34.6 52.0

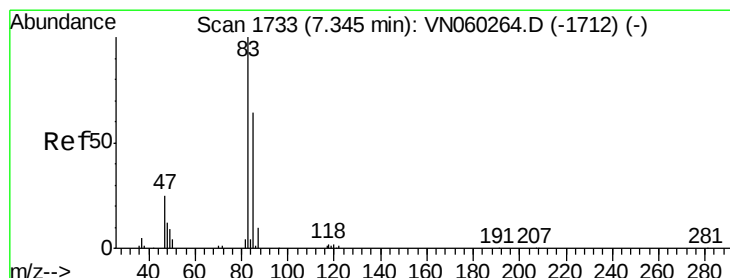
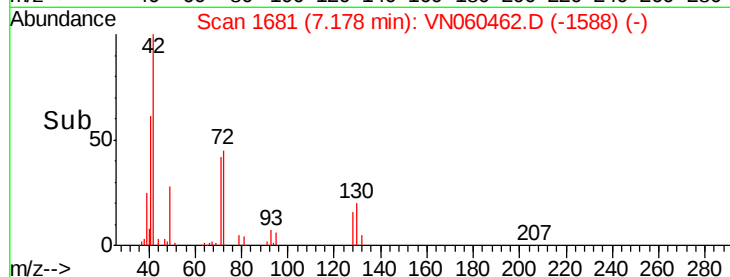
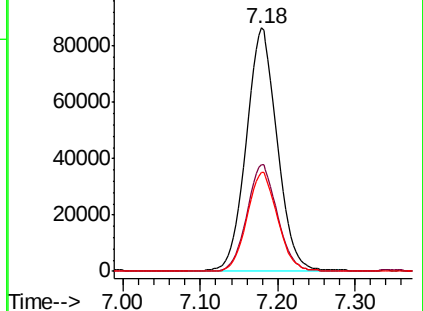
71 40.1 32.9 49.3



Abundance Ion 42.00 (41.70 to 42.70): VN060462.D (-1651) (-)

Ion 72.00 (71.70 to 72.70): VN060462.D (-1651) (-)

Ion 71.00 (70.70 to 71.70): VN060462.D (-1651) (-)



#30

Chloroform

Concen: 49.334 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VN060462.D

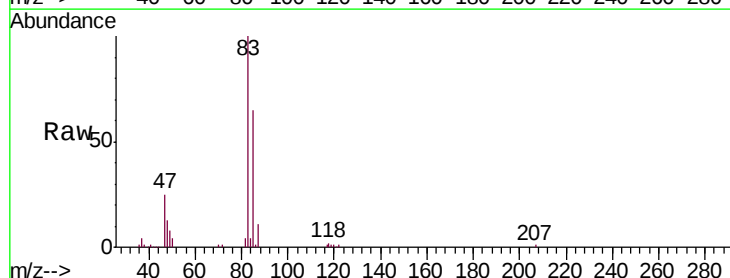
Acq: 11 Mar 2020 19:43

Tgt Ion: 83 Resp: 188760

Ion Ratio Lower Upper

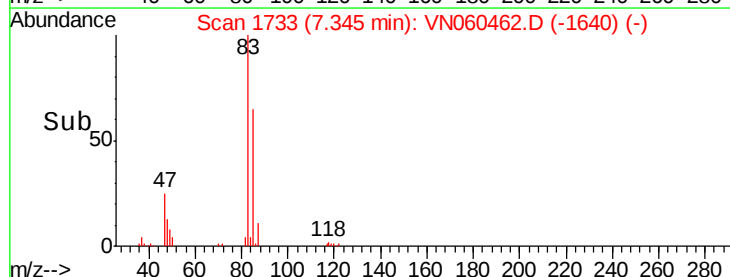
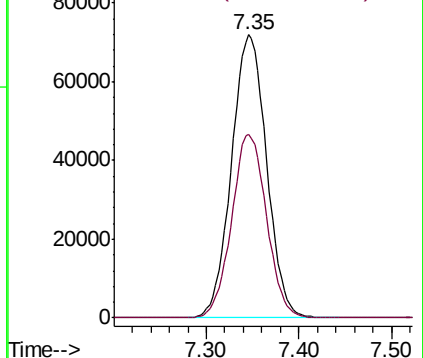
83 100

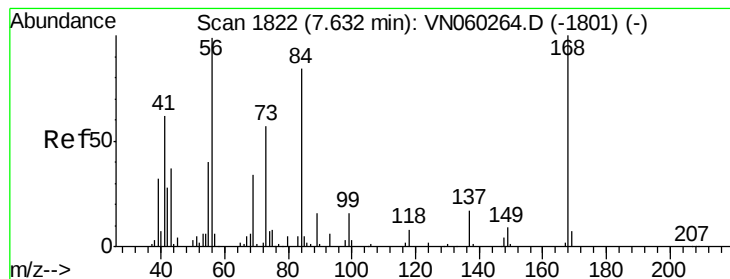
85 64.7 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN060462.D (-1712) (-)

Ion 84.90 (84.60 to 85.60): VN060462.D (-1712) (-)





#31

Cyclohexane

Concen: 46.818 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

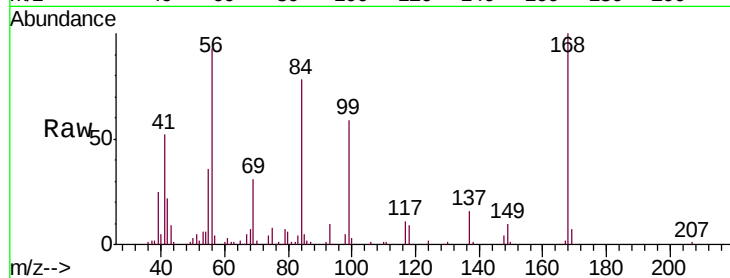
Tgt Ion: 56 Resp: 153841

Ion Ratio Lower Upper

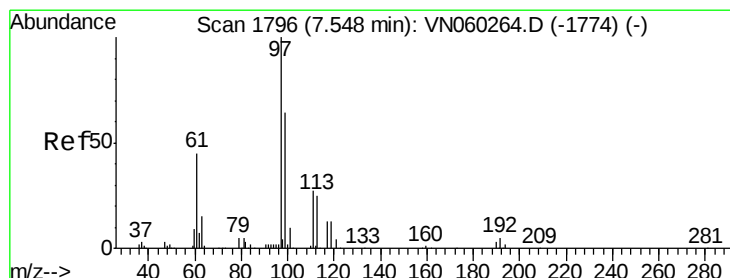
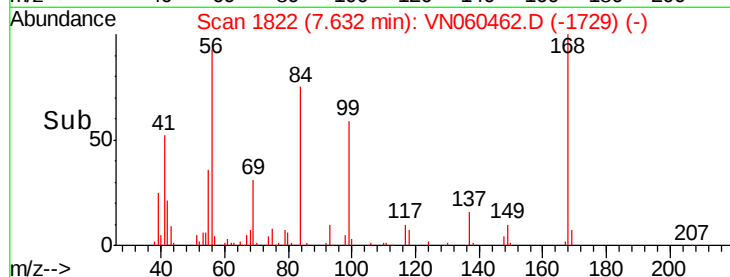
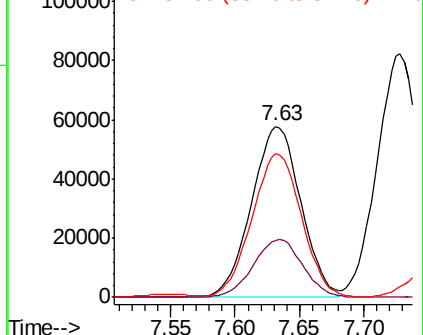
56 100

69 33.5 27.2 40.8

84 82.7 66.7 100.1



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO



#32

1,1,1-Trichloroethane

Concen: 47.750 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

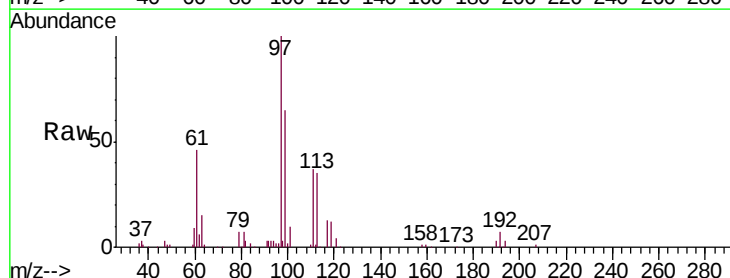
Tgt Ion: 97 Resp: 161873

Ion Ratio Lower Upper

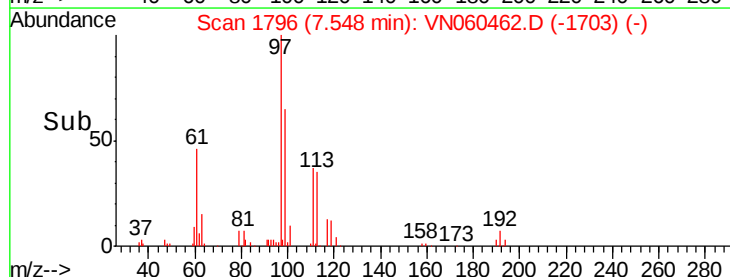
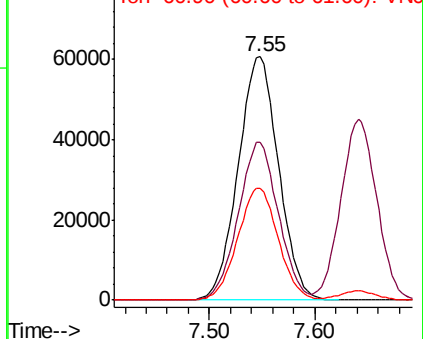
97 100

99 64.3 51.4 77.0

61 46.3 36.6 55.0



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

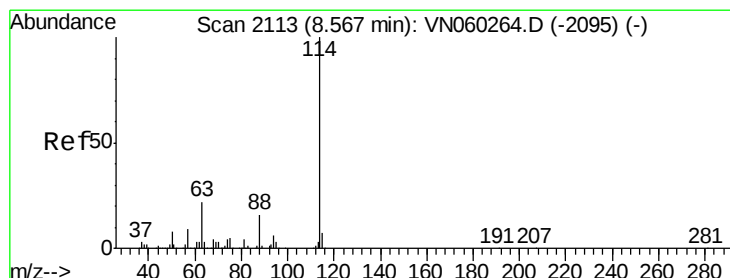
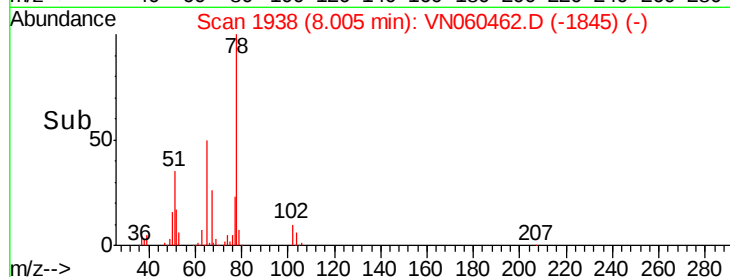
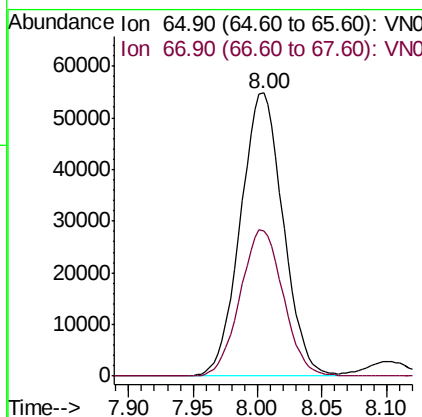
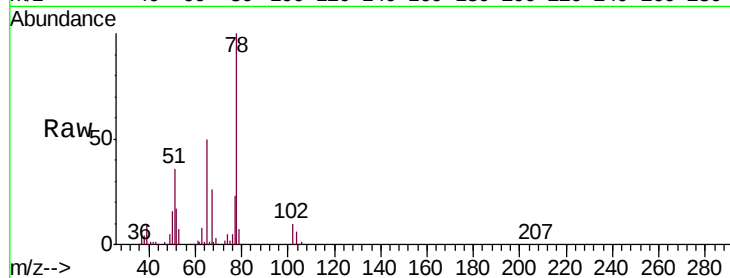




#33
 1,2-Dichloroethane-d4
 Concen: 52.164 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

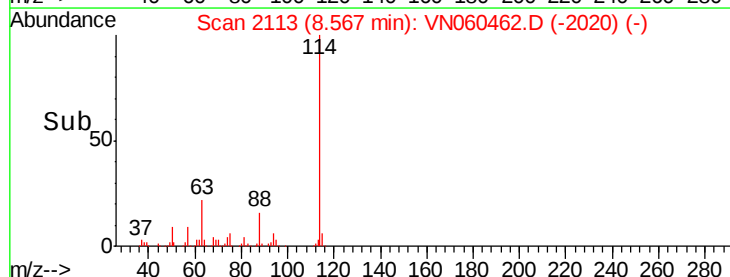
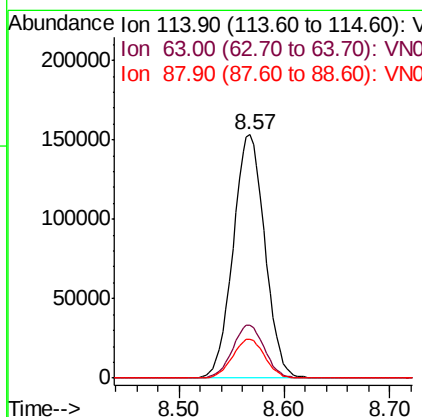
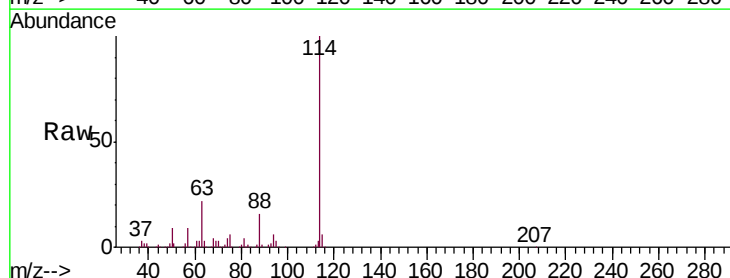
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 126650
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion: 114 Resp: 319202
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.2 0.0 31.6

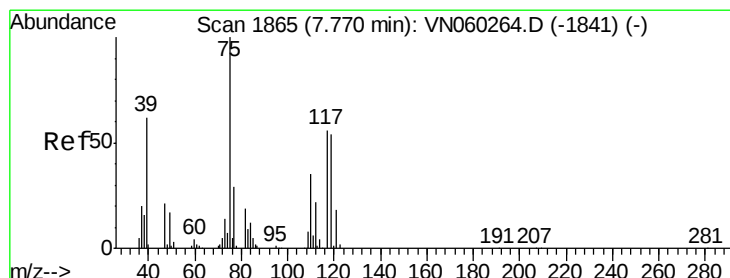
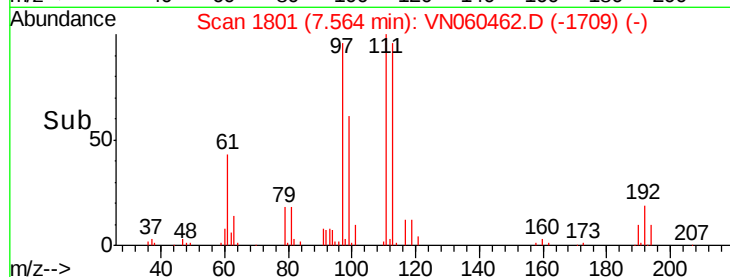
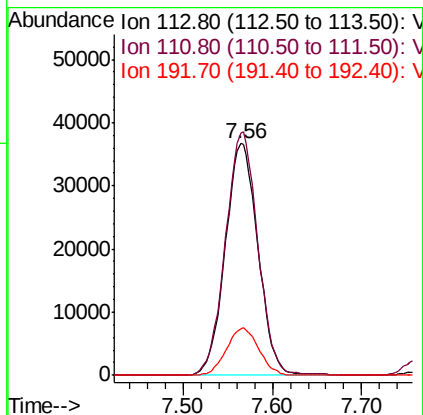
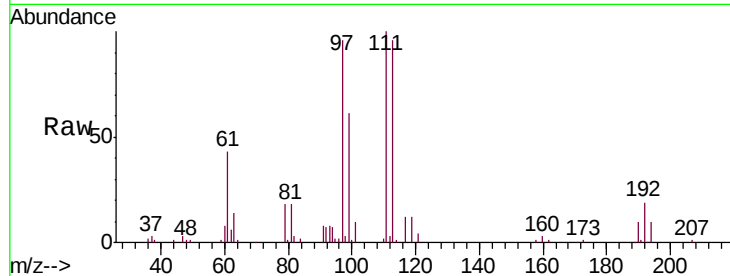




#35
 Dibromofluoromethane
 Concen: 62.930 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

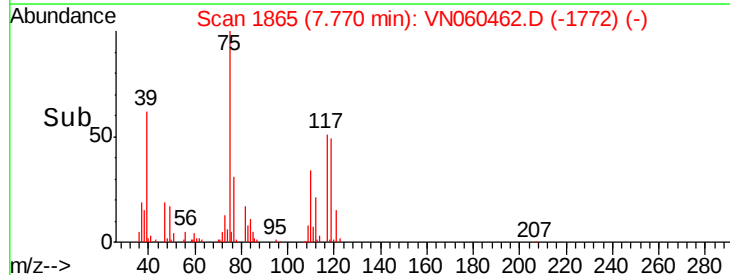
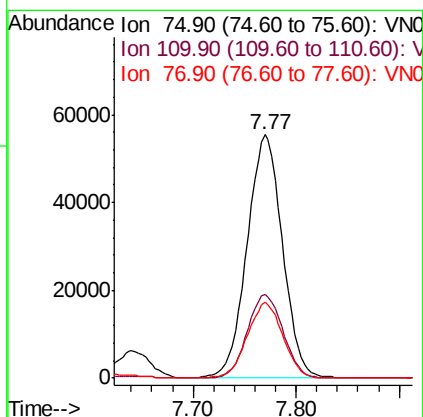
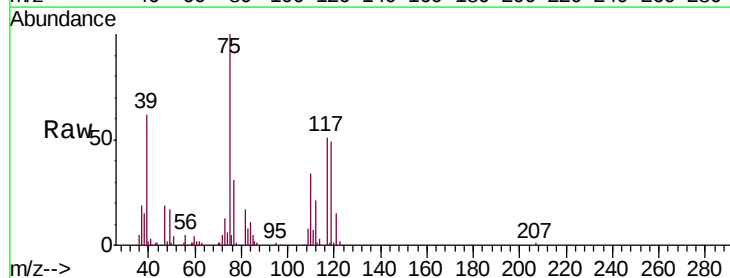
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:113 Resp: 93239
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.4 123.6
 192 20.1 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 43.435 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion: 75 Resp: 132136
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.3 52.0
 77 31.4 24.2 36.2

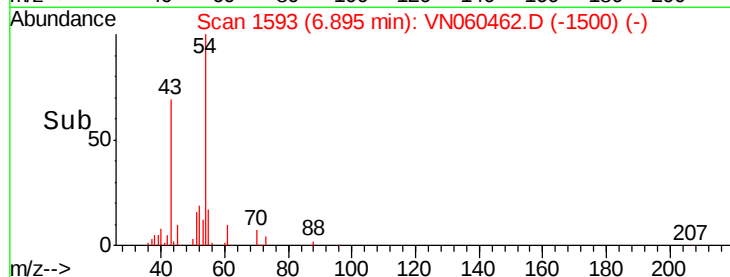
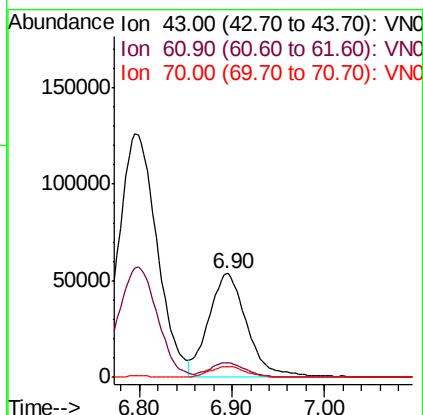
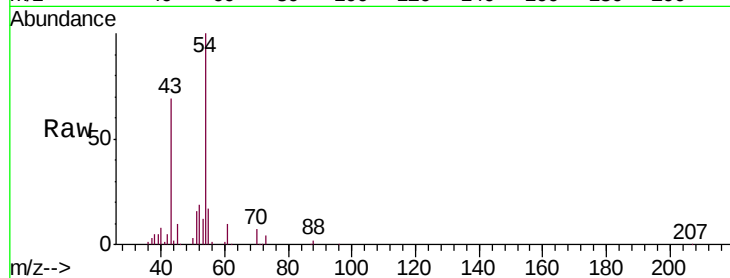




#37
 Ethyl Acetate
 Concen: 52.770 ug/l
 RT: 6.90 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

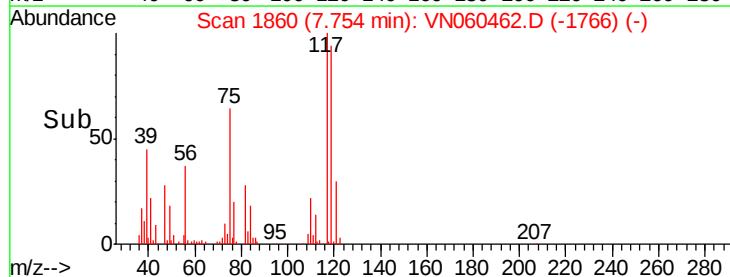
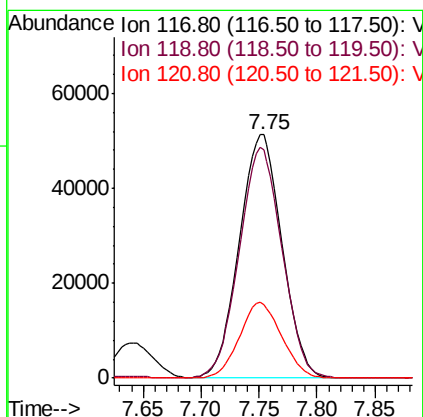
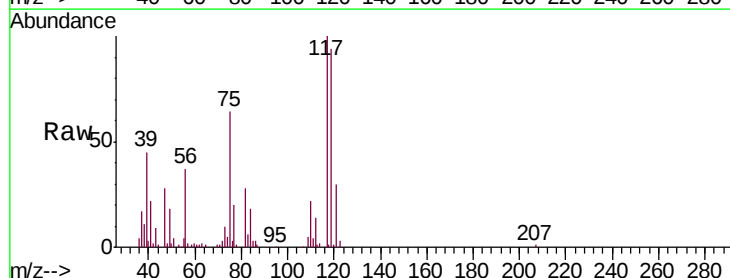
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 152007
 Ion Ratio Lower Upper
 43 100
 61 14.0 11.1 16.7
 70 10.1 8.4 12.6



#38
 Carbon Tetrachloride
 Concen: 44.474 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion: 117 Resp: 131727
 Ion Ratio Lower Upper
 117 100
 119 93.6 76.7 115.1
 121 30.0 24.5 36.7

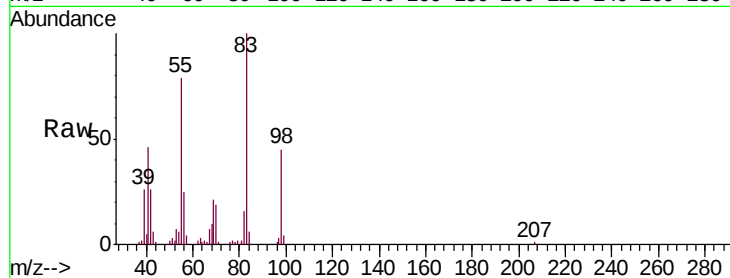




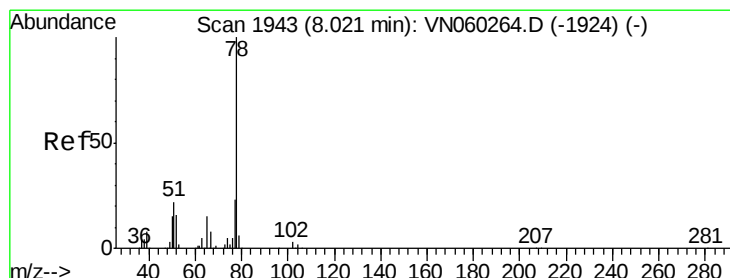
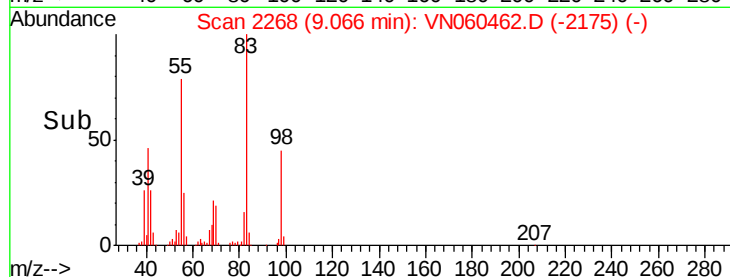
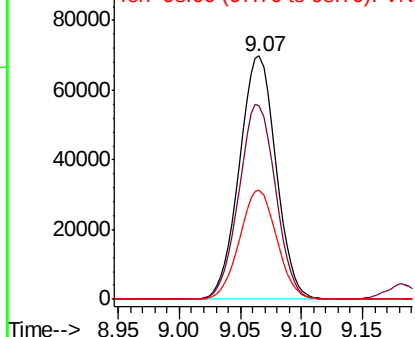
#39
Methylcyclohexane
Concen: 40.471 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 145165
Ion Ratio Lower Upper
83 100
55 79.4 61.0 91.4
98 44.8 36.1 54.1

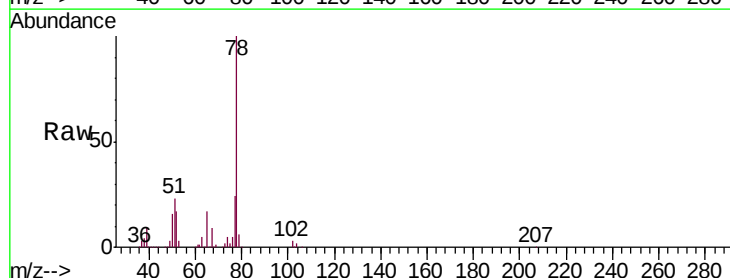


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

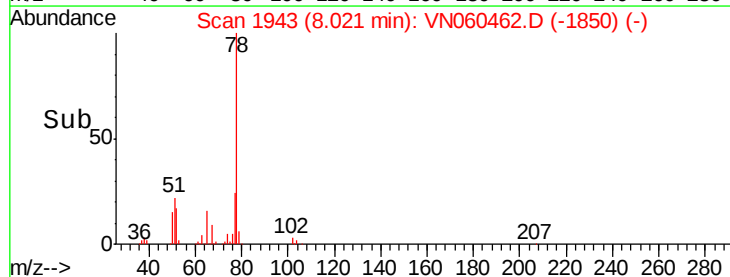
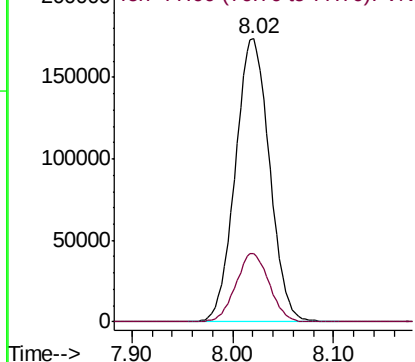


#40
Benzene
Concen: 46.116 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion: 78 Resp: 408327
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

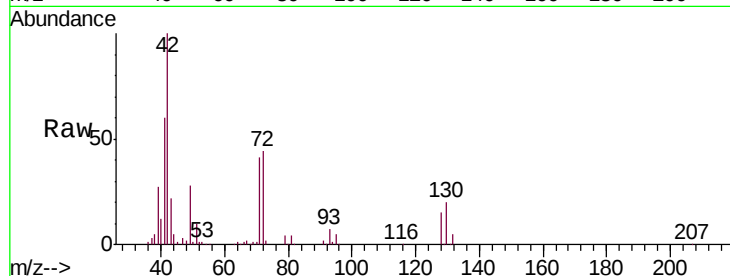




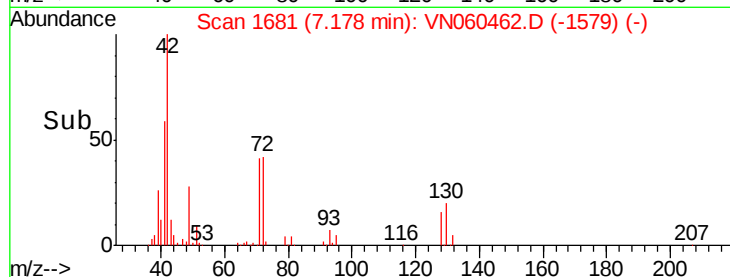
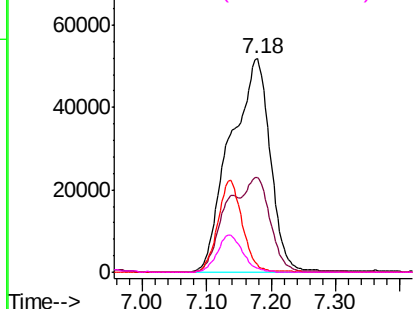
#41
Methacrylonitrile
Concen: 168.115 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	223602
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

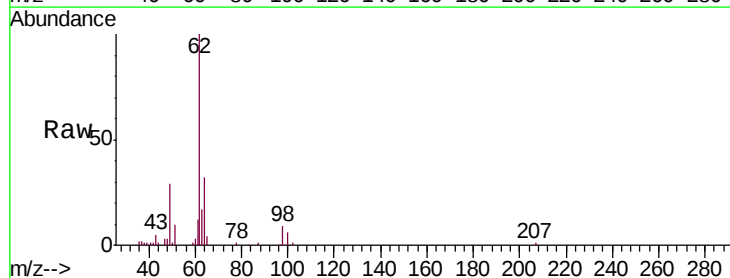


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

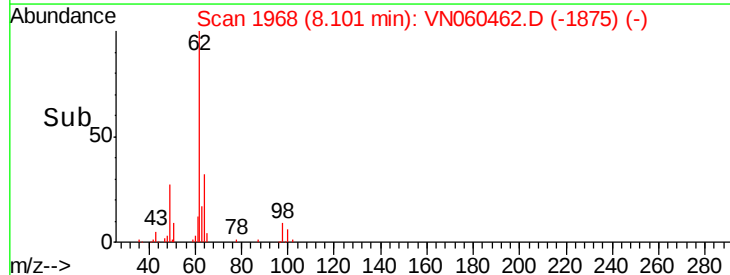
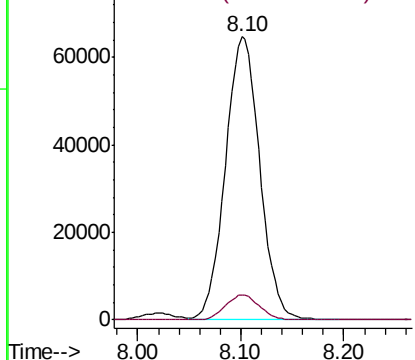


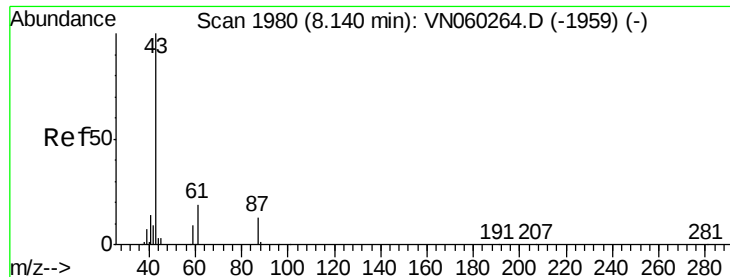
#42
1,2-Dichloroethane
Concen: 47.069 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion:	62	Resp:	150393
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 51.992 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

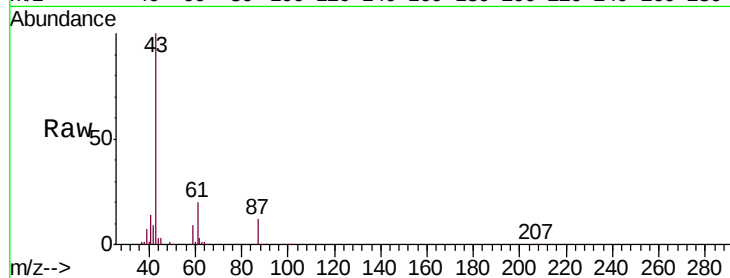
Tgt Ion: 43 Resp: 262188

Ion Ratio Lower Upper

43 100

61 25.6 20.9 31.3

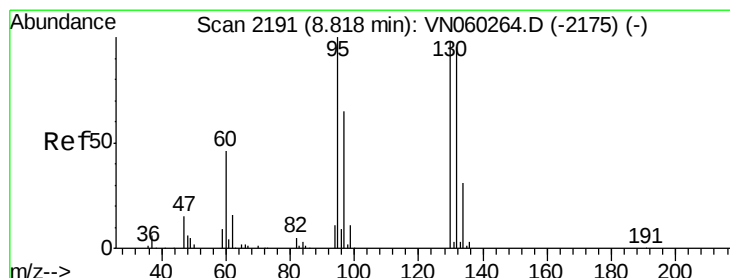
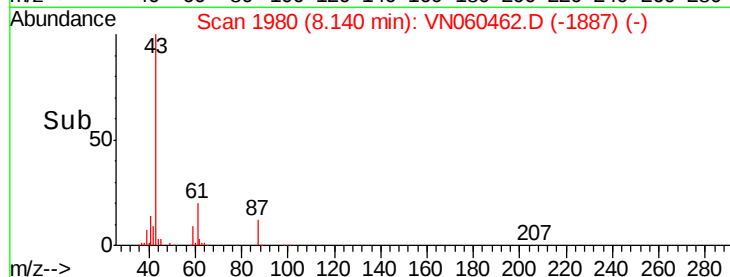
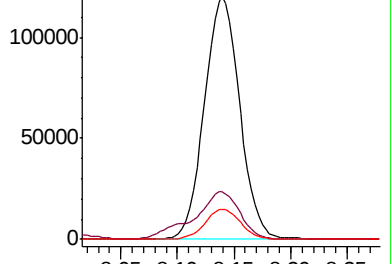
87 12.4 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060462.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060462.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060462.D (-1959) (-)



#44

Trichloroethene

Concen: 43.037 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060462.D

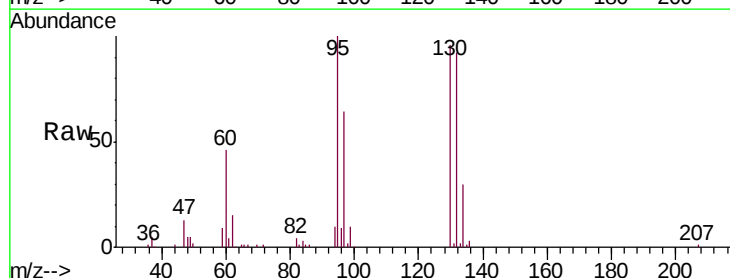
Acq: 11 Mar 2020 19:43

Tgt Ion: 130 Resp: 106129

Ion Ratio Lower Upper

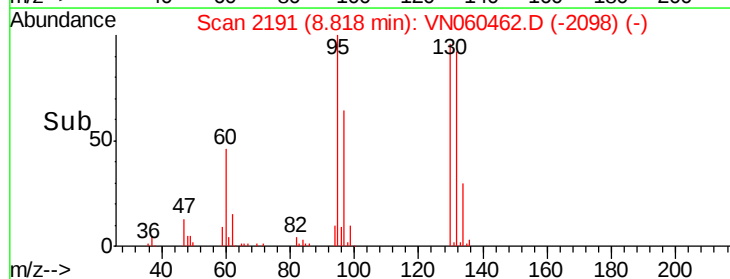
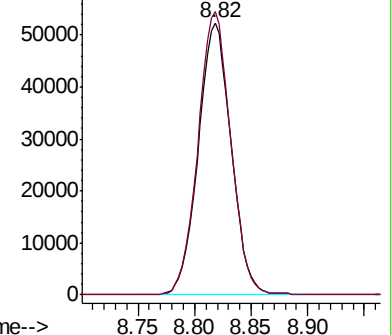
130 100

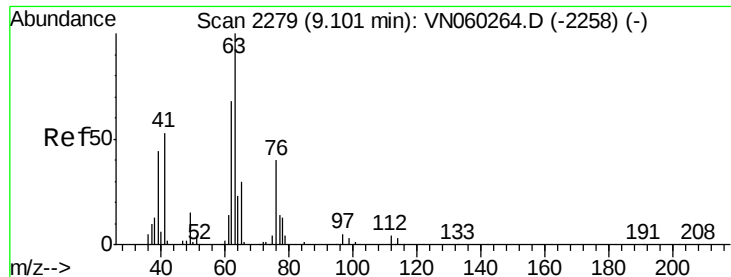
95 103.9 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN060462.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060462.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 49.822 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

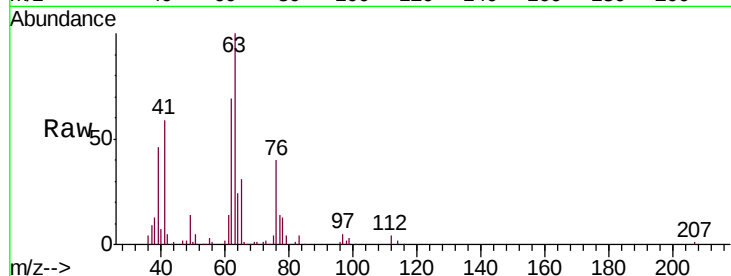
VSTDCCC050EC

Tgt Ion: 63 Resp: 115338

Ion Ratio Lower Upper

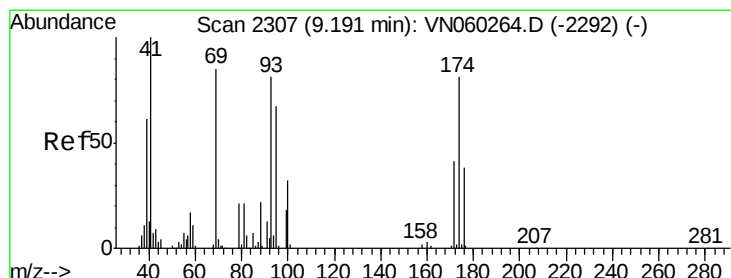
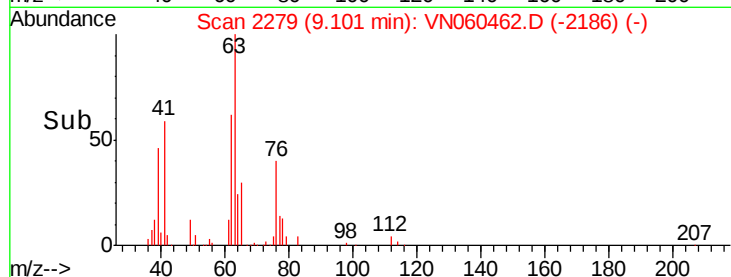
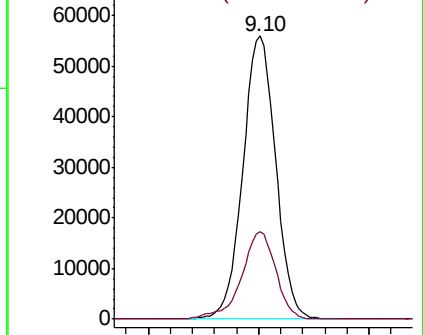
63 100

65 31.0 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN060462.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN060462.D (-2186) (-)



#46

Dibromomethane

Concen: 47.763 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

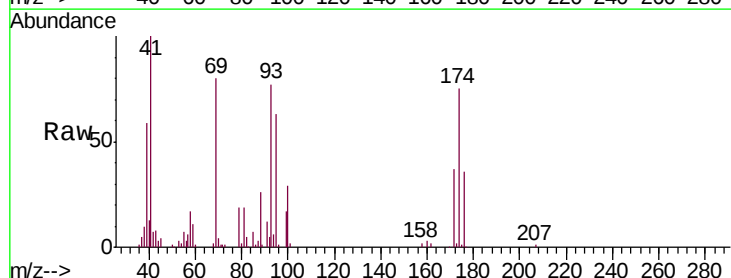
Tgt Ion: 93 Resp: 71746

Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

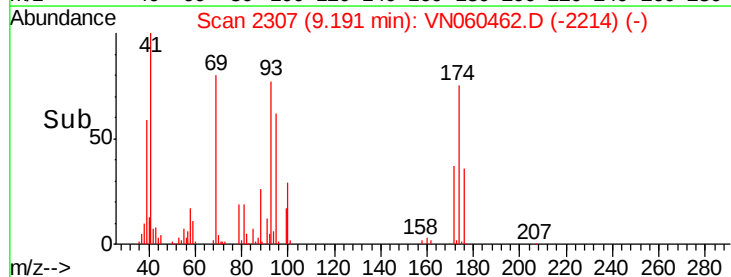
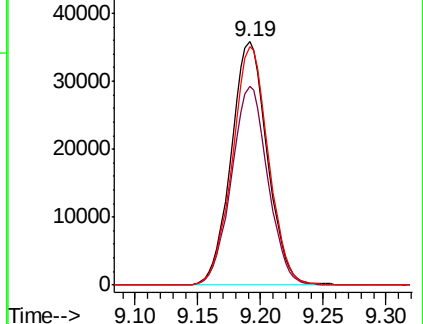
174 97.5 79.6 119.4

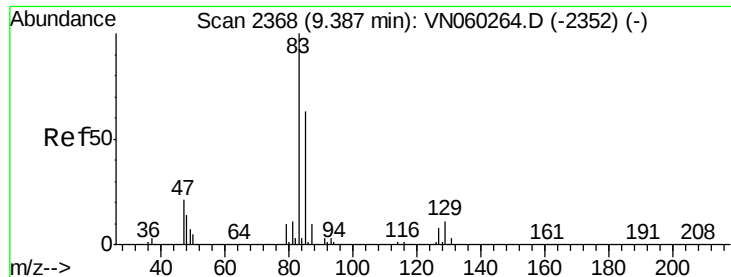


Abundance Ion 92.80 (92.50 to 93.50): VN060462.D (-2214) (-)

Ion 94.80 (94.50 to 95.50): VN060462.D (-2214) (-)

Ion 173.70 (173.40 to 174.40): VN060462.D (-2214) (-)





#47

Bromodichloromethane

Concen: 49.589 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

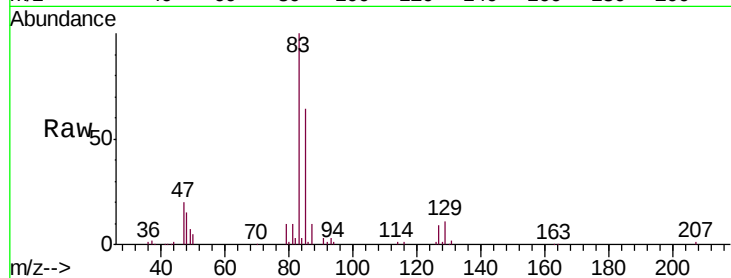
Tgt Ion: 83 Resp: 151498

Ion Ratio Lower Upper

83 100

85 63.9 50.7 76.1

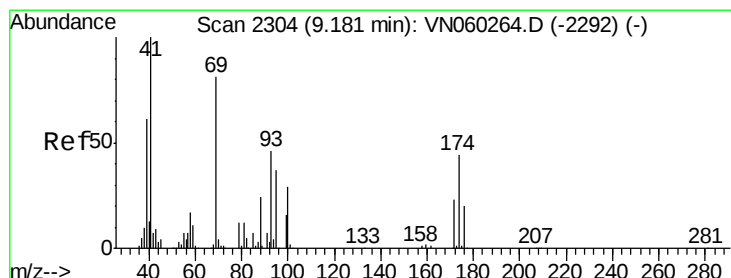
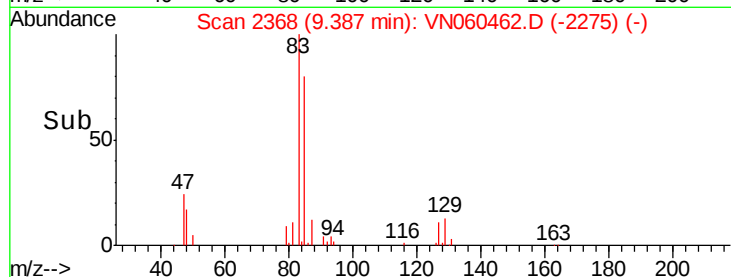
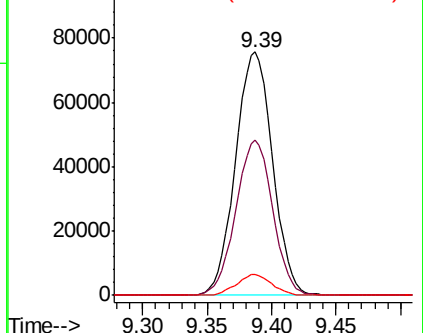
127 8.6 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN060462.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060462.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060462.D (-2275) (-)



#48

Methyl methacrylate

Concen: 50.461 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

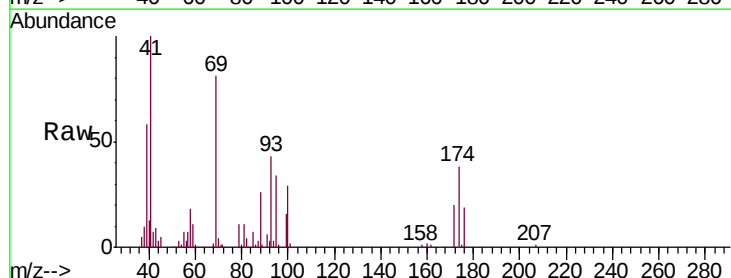
Tgt Ion: 41 Resp: 116041

Ion Ratio Lower Upper

41 100

69 83.0 66.7 100.1

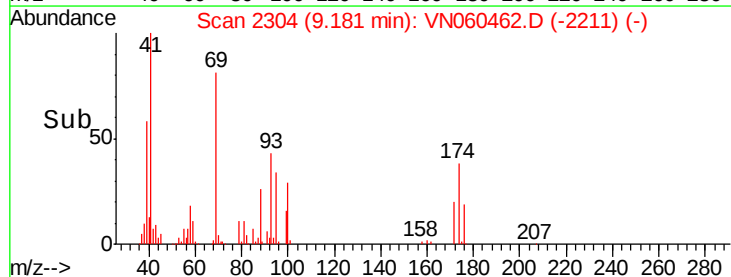
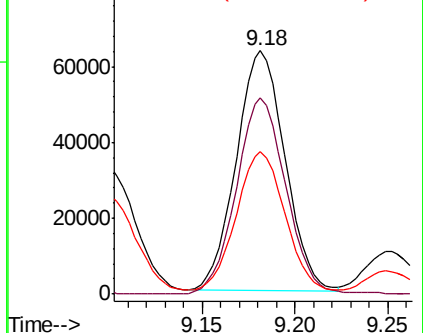
39 60.8 50.1 75.1

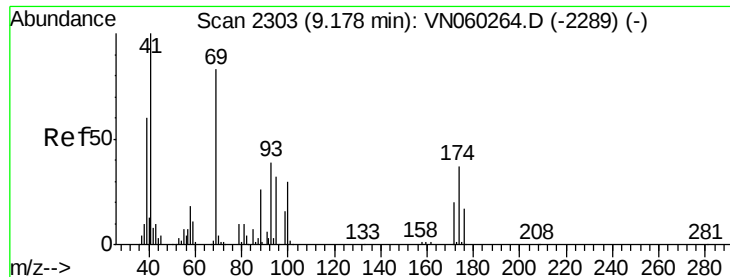


Abundance Ion 41.00 (40.70 to 41.70): VN060462.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060462.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060462.D (-2211) (-)





#49

1,4-Dioxane

Concen: 1095.803 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

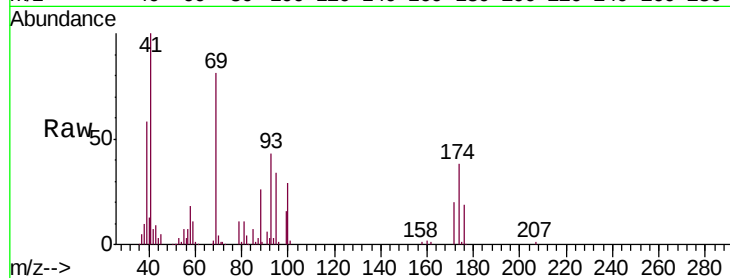
Tgt Ion: 88 Resp: 35437

Ion Ratio Lower Upper

88 100

43 35.2 30.4 45.6

58 70.1 57.0 85.6

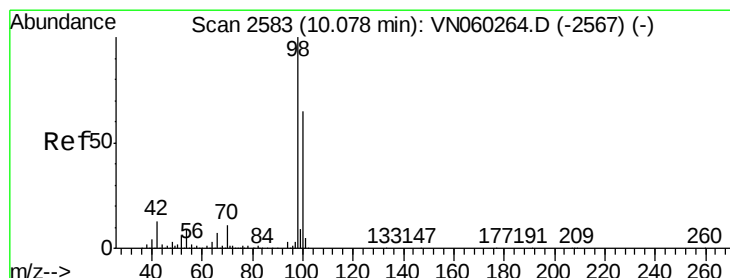
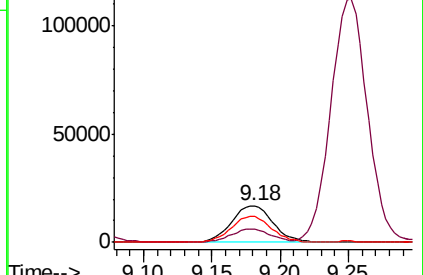
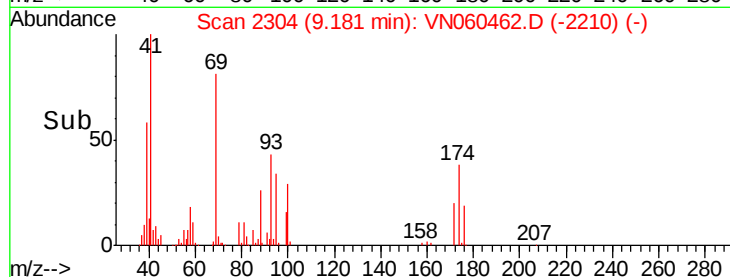


Abundance Ion 88.00 (87.70 to 88.70): VN060462.D (-2289) (-)

Ion 43.00 (42.70 to 43.70): VN060462.D (-2289) (-)

Ion 58.00 (57.70 to 58.70): VN060462.D (-2289) (-)

Time-->



#50

Toluene-d8

Concen: 49.068 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060462.D

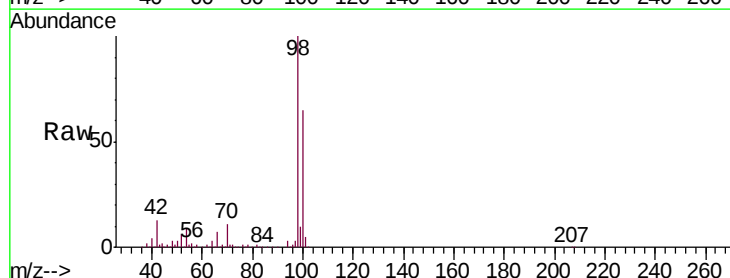
Acq: 11 Mar 2020 19:43

Tgt Ion: 98 Resp: 367946

Ion Ratio Lower Upper

98 100

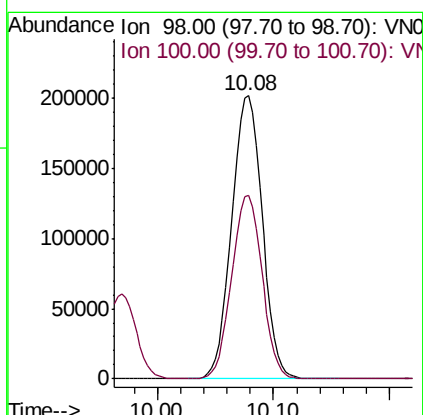
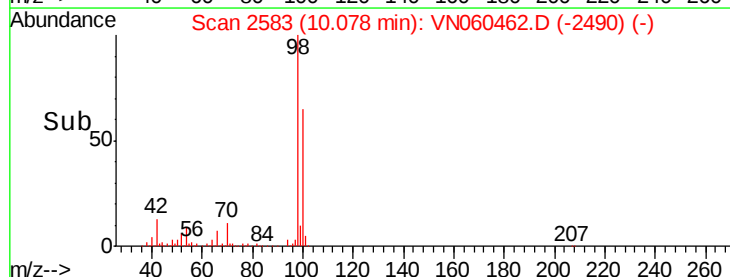
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060462.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060462.D (-2567) (-)

Time-->





#51

4-Methyl-2-Pentanone

Concen: 274.870 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

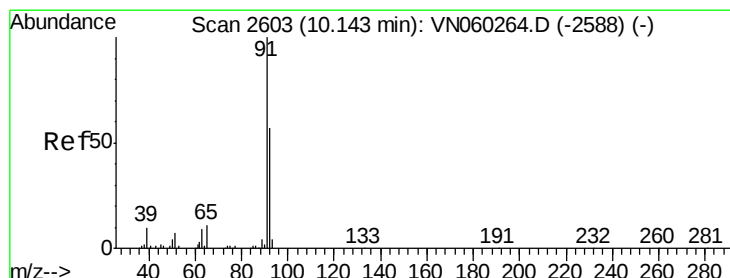
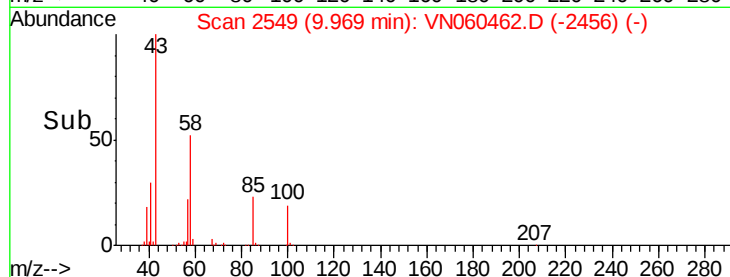
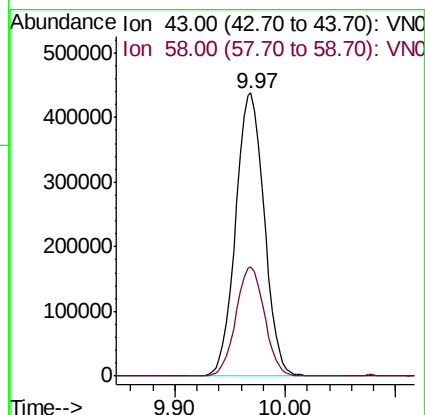
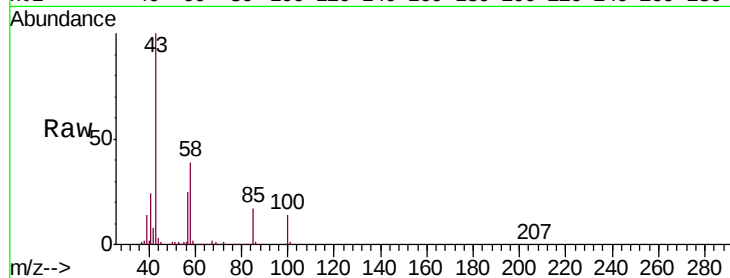
VSTDCCC050EC

Tgt Ion: 43 Resp: 785915

Ion Ratio Lower Upper

43 100

58 38.5 30.9 46.3



#52

Toluene

Concen: 45.900 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060462.D

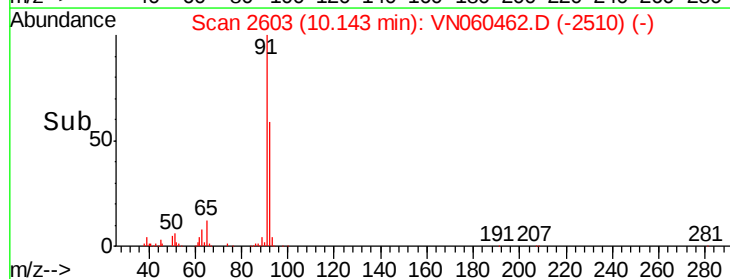
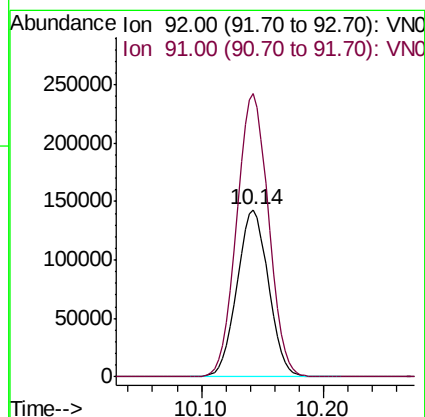
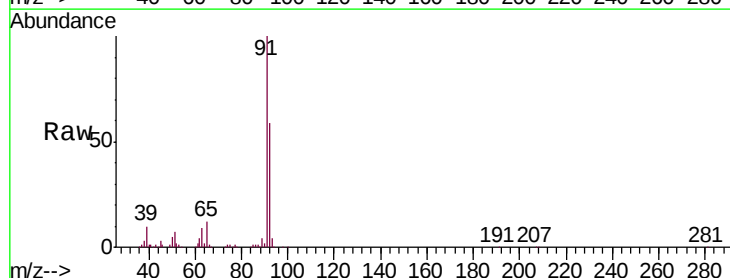
Acq: 11 Mar 2020 19:43

Tgt Ion: 92 Resp: 255294

Ion Ratio Lower Upper

92 100

91 171.4 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 45.445 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

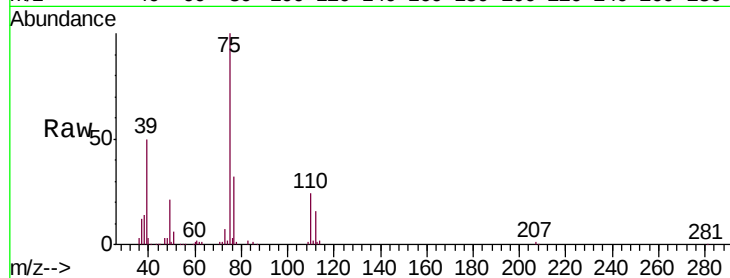
VSTDCCC050EC

Tgt Ion: 75 Resp: 170122

Ion Ratio Lower Upper

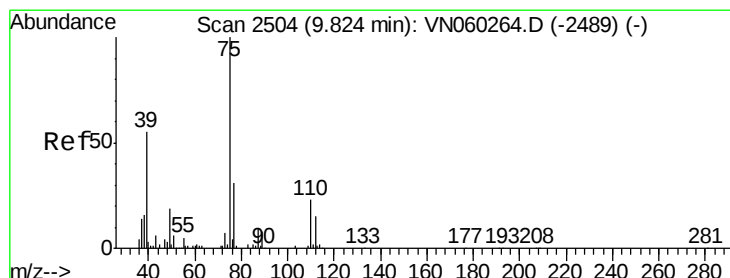
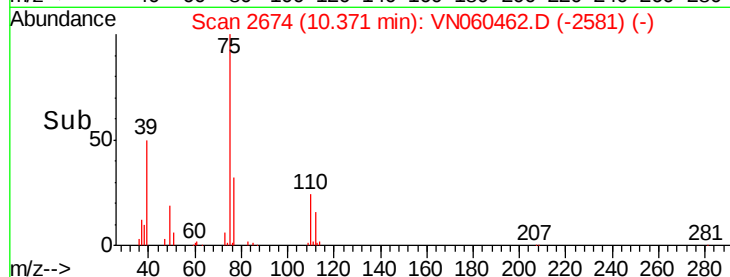
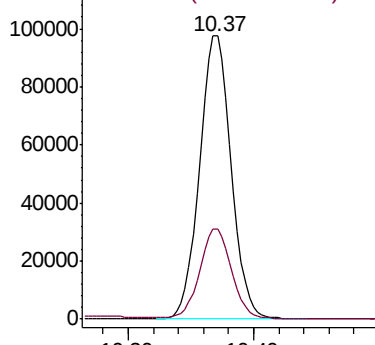
75 100

77 31.6 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 46.322 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

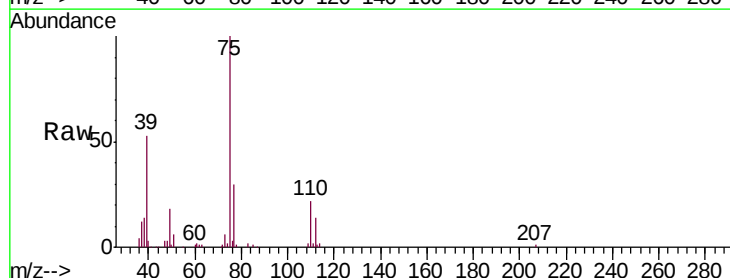
Tgt Ion: 75 Resp: 179683

Ion Ratio Lower Upper

75 100

77 30.5 24.8 37.2

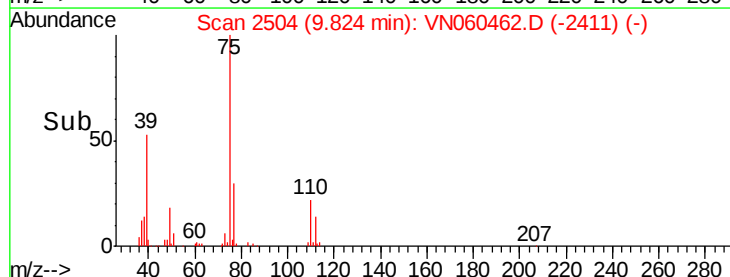
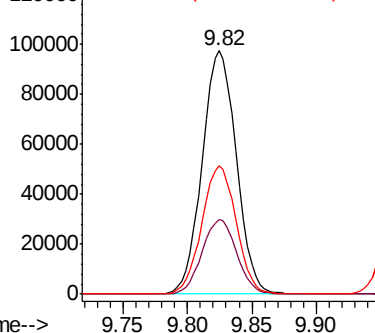
39 53.0 43.8 65.8

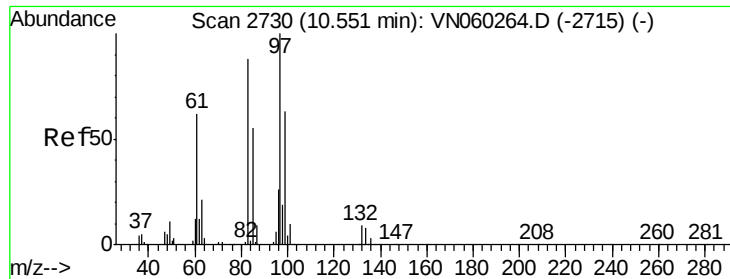


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

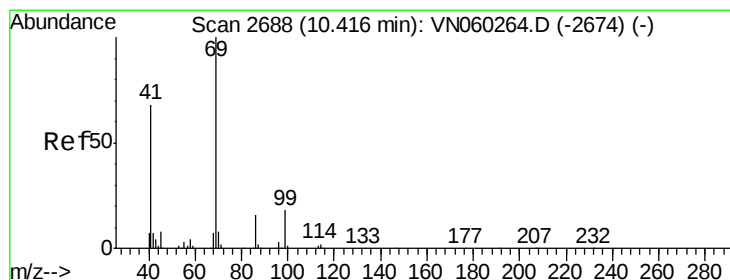
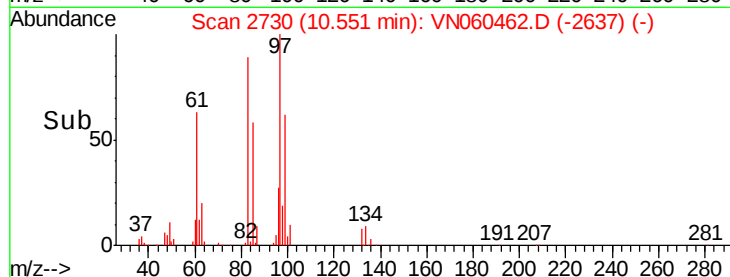
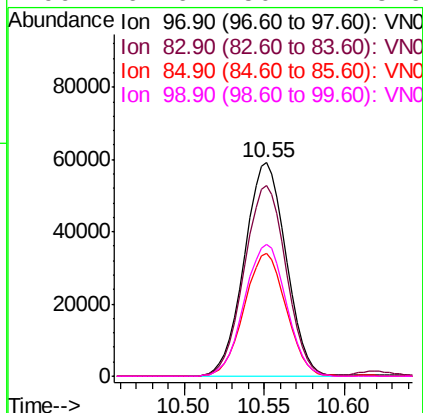
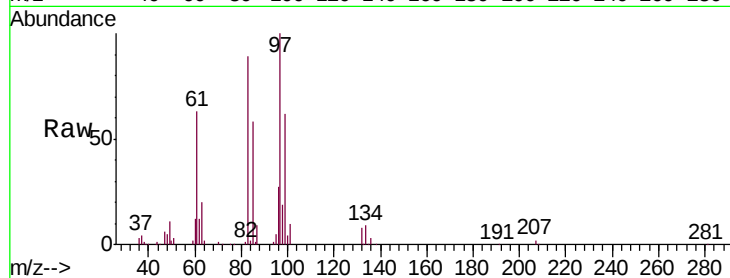




#55
 1,1,2-Trichloroethane
 Concen: 47.273 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

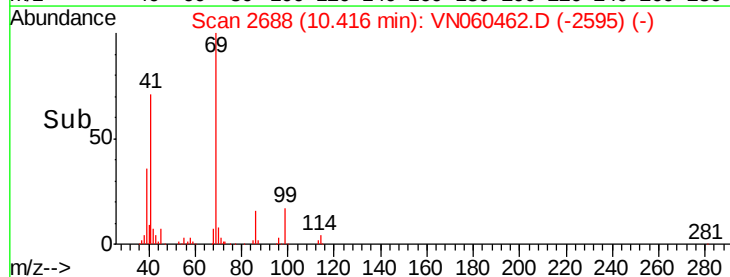
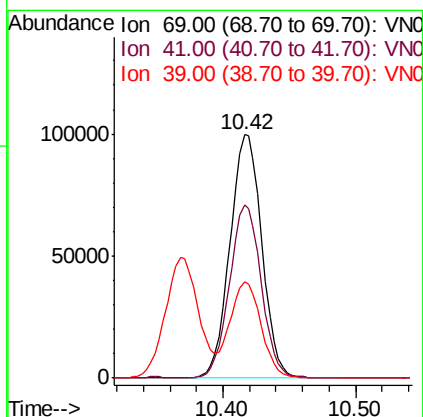
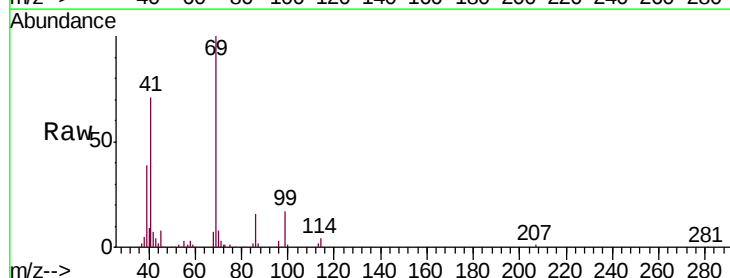
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	105735
Ion	Ratio	Lower	Upper
97	100		
83	89.3	70.0	105.0
85	57.8	44.0	66.0
99	61.6	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 51.803 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion:	69	Resp:	166464
Ion	Ratio	Lower	Upper
69	100		
41	71.2	54.1	81.1
39	39.1	32.5	48.7





#57

1,3-Dichloropropane

Concen: 49.991 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

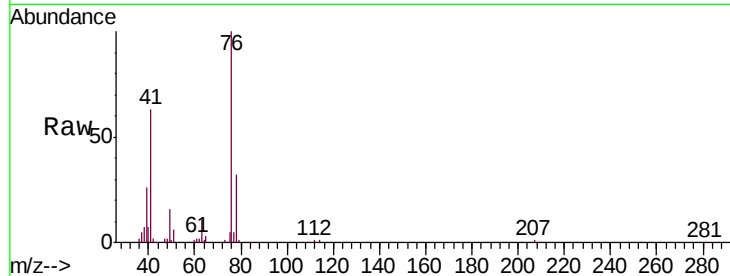
VSTDCCC050EC

Tgt Ion: 76 Resp: 182349

Ion Ratio Lower Upper

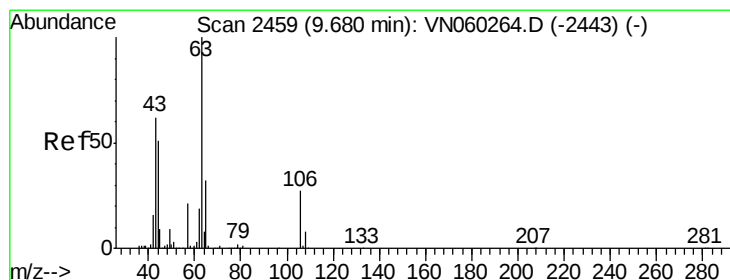
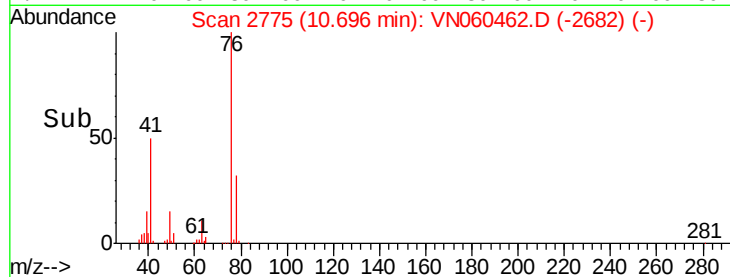
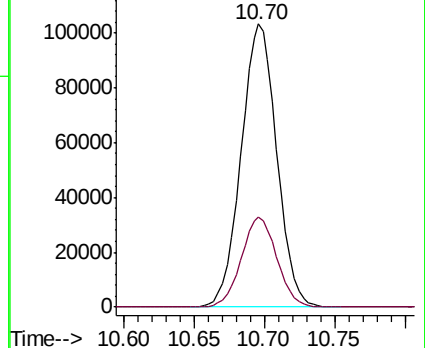
76 100

78 31.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN060462.D (-2760) (-)

Ion 77.90 (77.60 to 78.60): VN060462.D (-2760) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 253.611 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060462.D

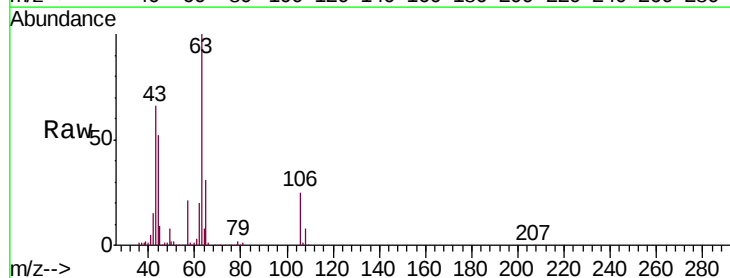
Acq: 11 Mar 2020 19:43

Tgt Ion: 63 Resp: 426224

Ion Ratio Lower Upper

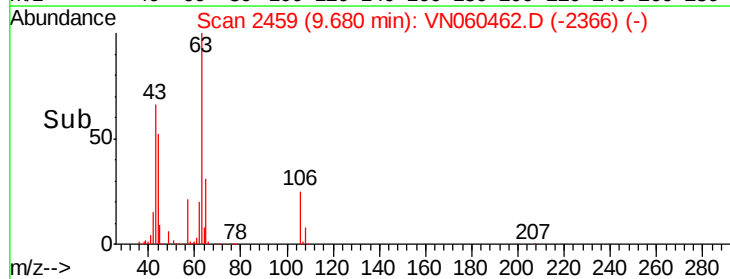
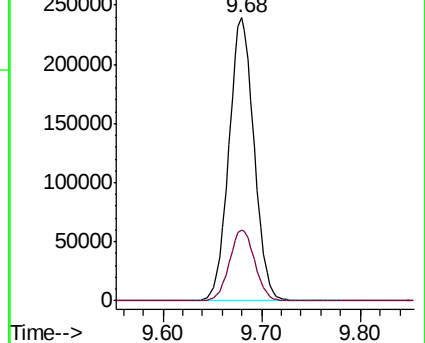
63 100

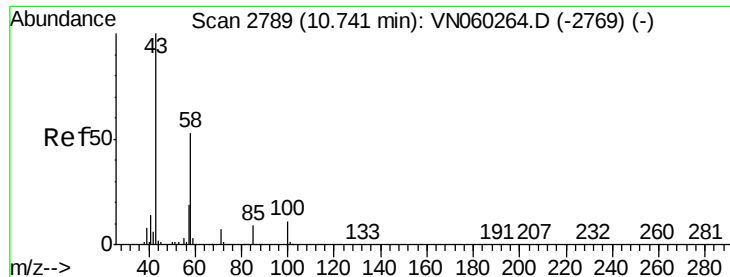
106 25.3 21.1 31.7



Abundance Ion 62.90 (62.60 to 63.60): VN060462.D (-2443) (-)

Ion 105.90 (105.60 to 106.60): VN060462.D (-2443) (-)

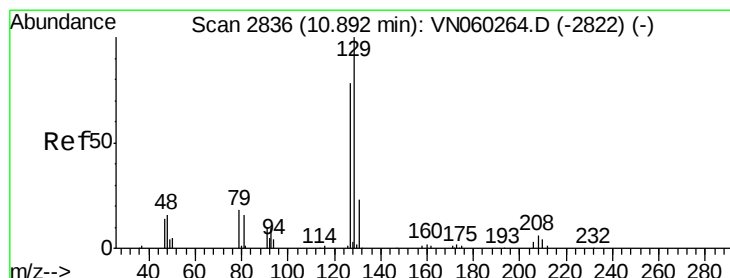
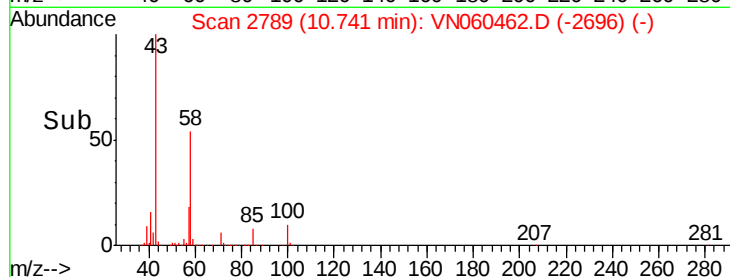
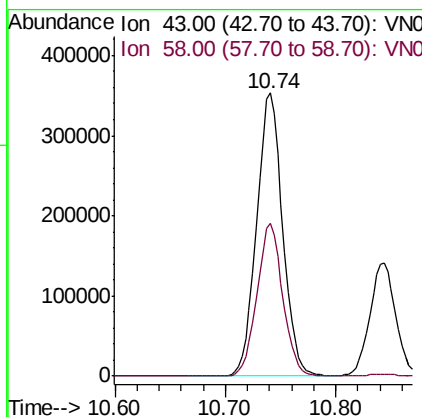
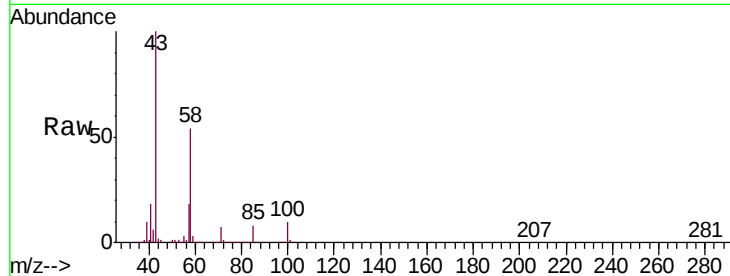




#59
2-Hexanone
Concen: 274.245 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

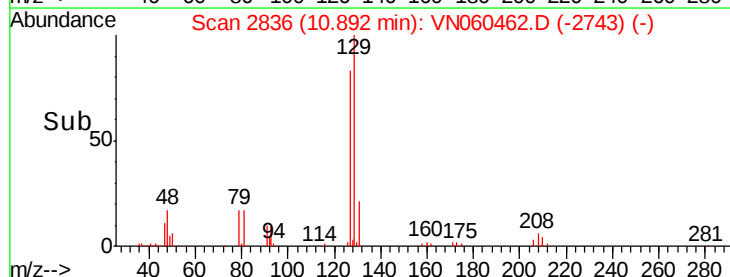
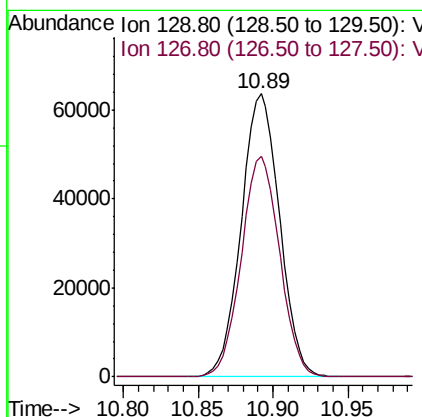
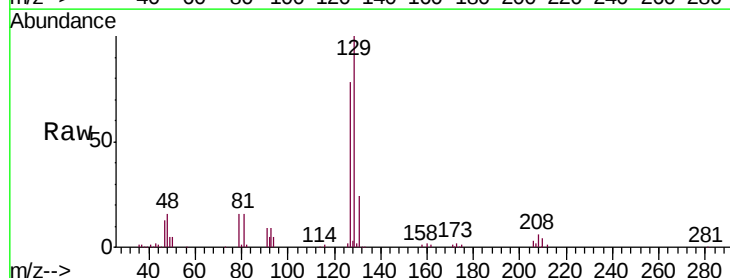
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

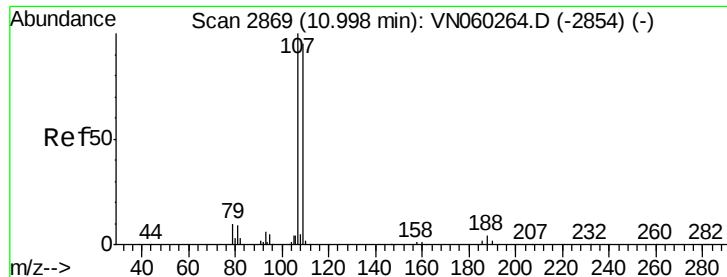
Tgt Ion: 43 Resp: 575725
Ion Ratio Lower Upper
43 100
58 53.5 26.5 79.5



#60
Dibromochloromethane
Concen: 50.082 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion: 129 Resp: 113919
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

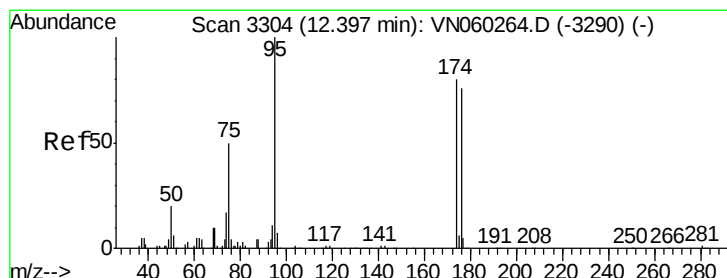
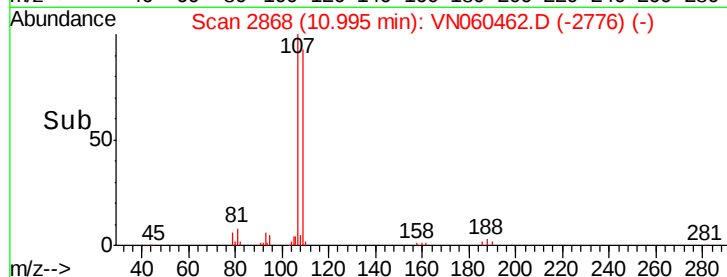
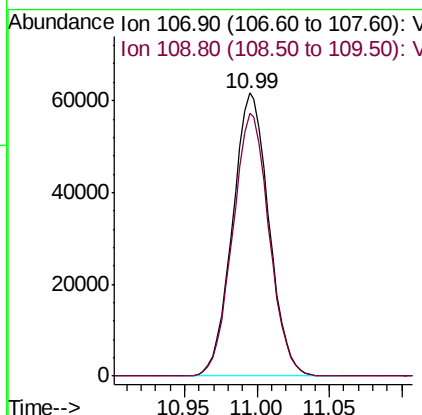
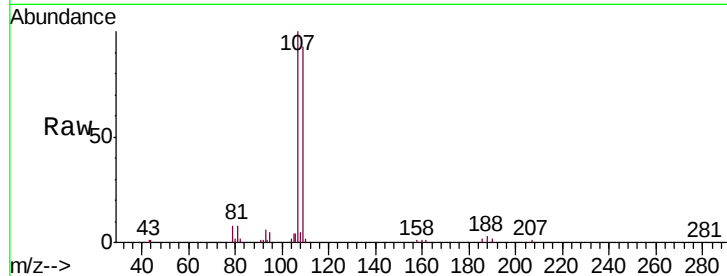




#61
1,2-Dibromoethane
Concen: 49.280 ug/l
RT: 10.99 min Scan# 2868
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

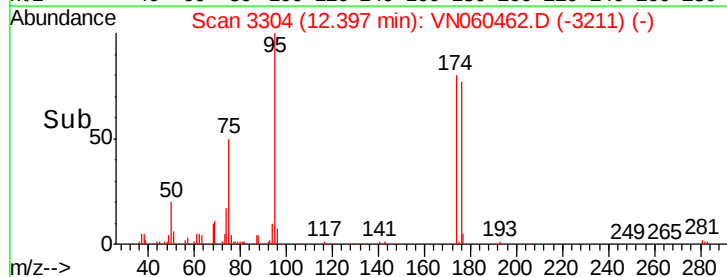
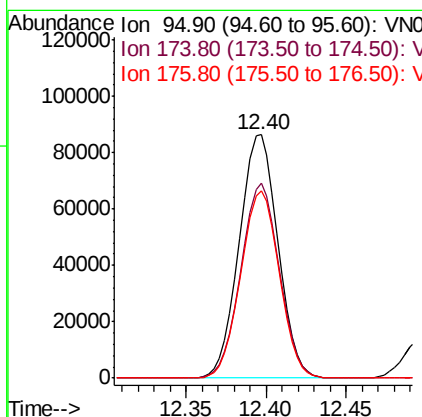
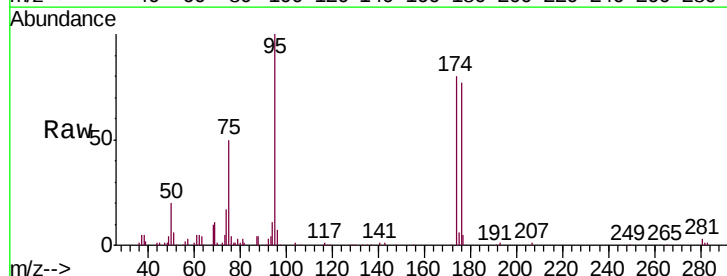
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

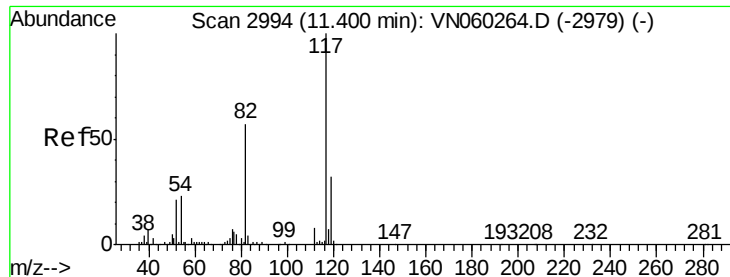
Tgt Ion: 107 Resp: 107451
Ion Ratio Lower Upper
107 100
109 92.9 76.8 115.2



#62
4-Bromofluorobenzene
Concen: 50.076 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion: 95 Resp: 142345
Ion Ratio Lower Upper
95 100
174 79.4 0.0 159.2
176 76.7 0.0 153.8

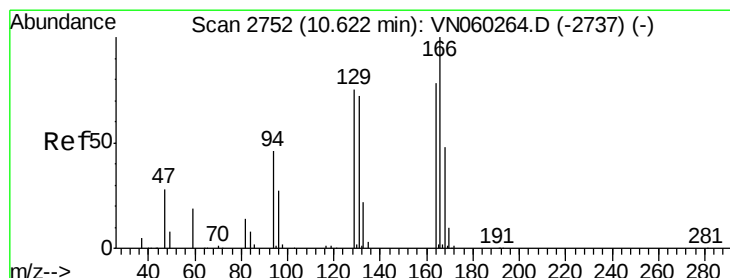
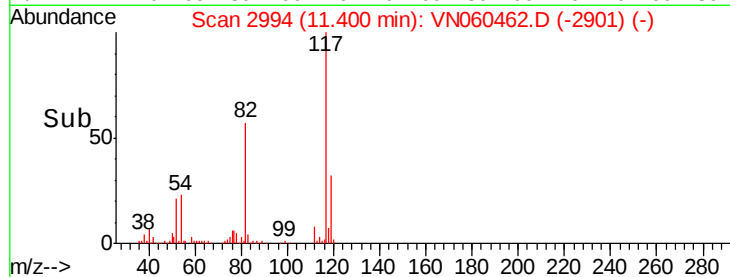
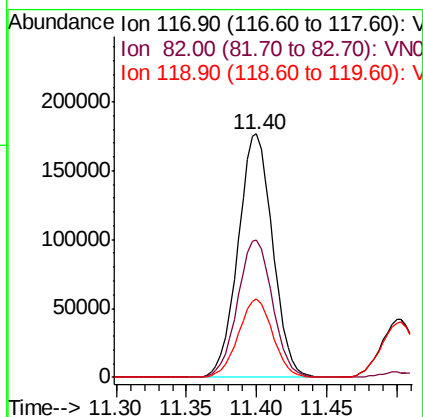
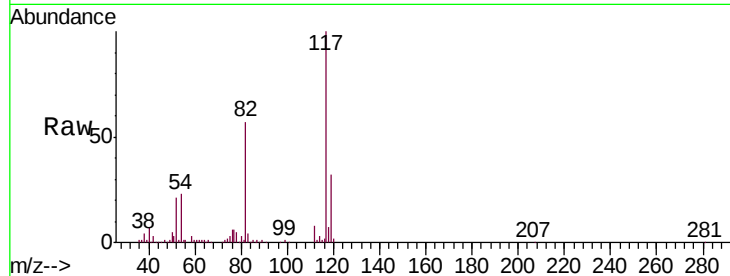




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

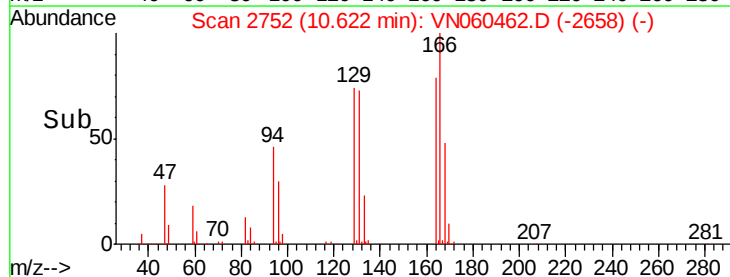
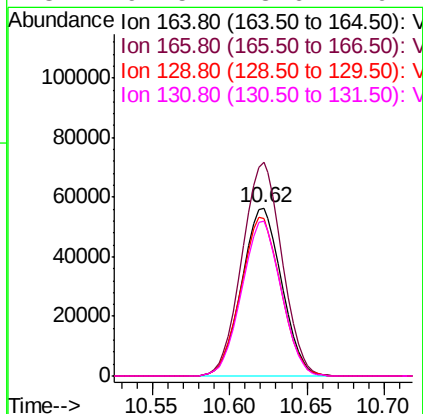
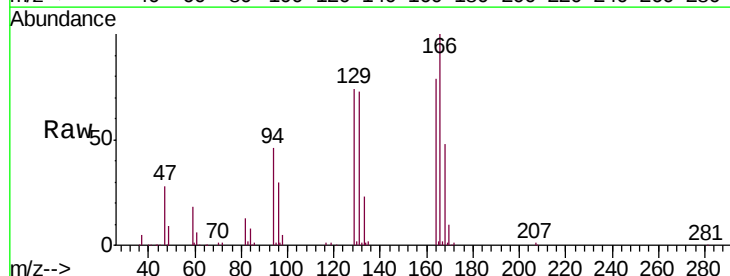
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

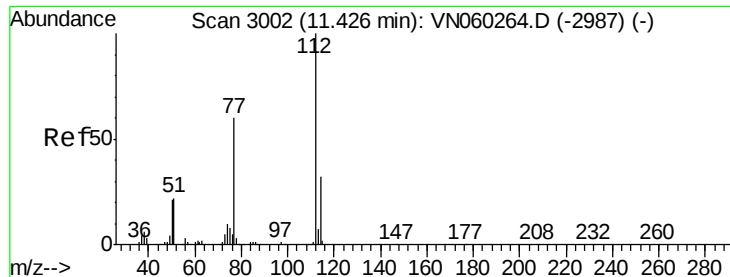
Tgt Ion:117 Resp: 302919
Ion Ratio Lower Upper
117 100
82 56.5 45.8 68.6
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 42.208 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion:164 Resp: 101193
Ion Ratio Lower Upper
164 100
166 127.2 102.0 153.0
129 93.6 76.4 114.6
131 92.5 73.6 110.4

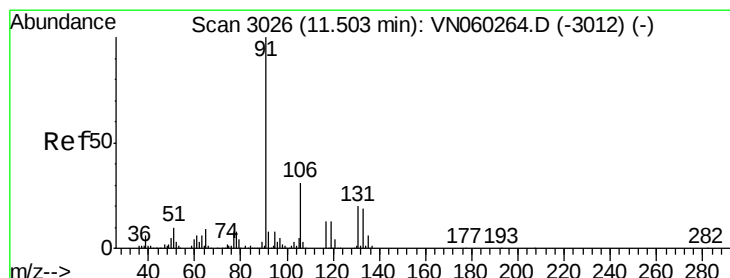
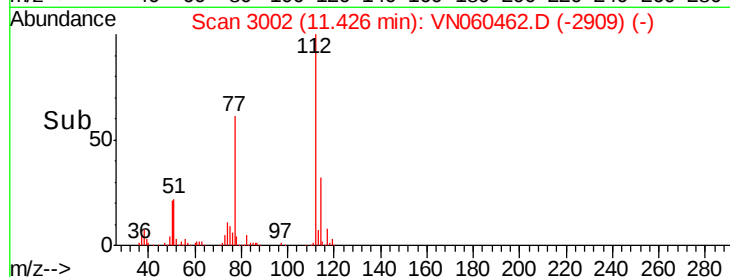
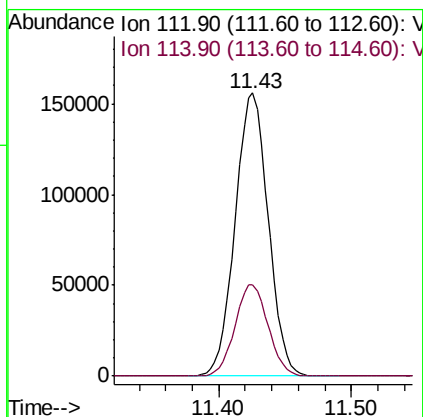
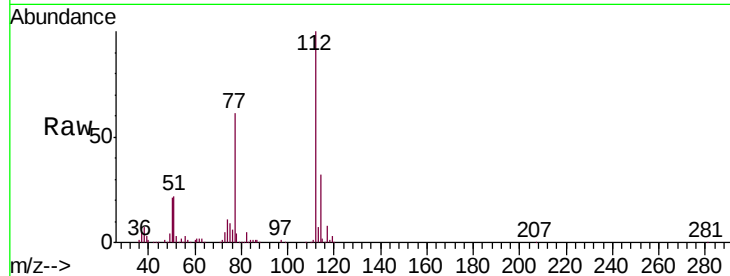




#65
Chlorobenzene
Concen: 44.106 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

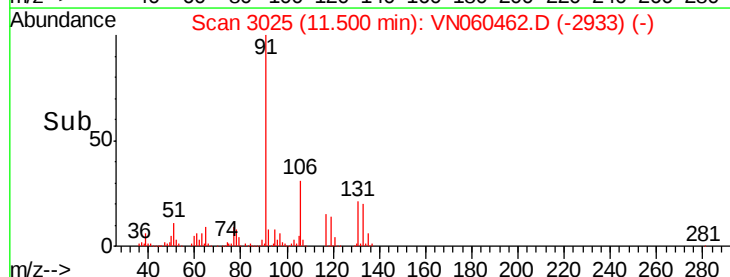
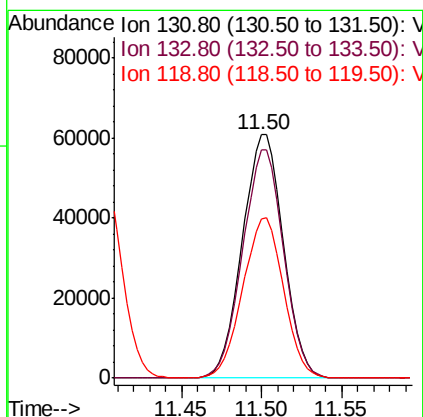
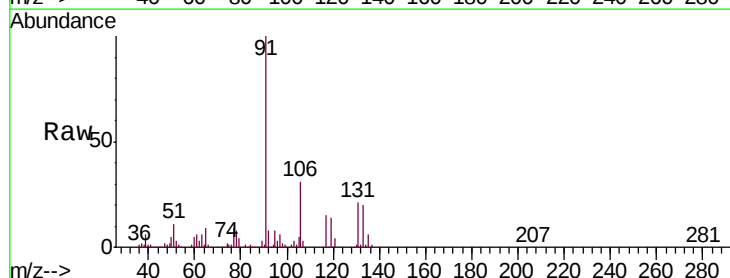
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

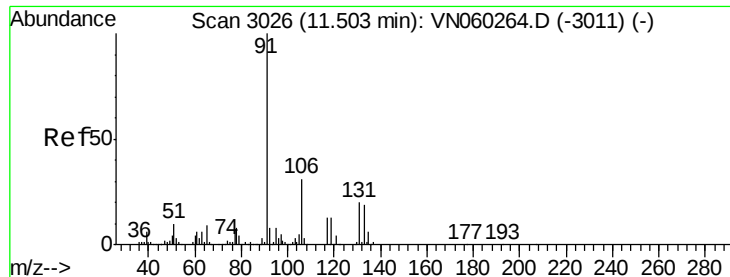
Tgt Ion:112 Resp: 269785
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 47.264 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion:131 Resp: 106893
Ion Ratio Lower Upper
131 100
133 93.7 47.7 143.1
119 65.4 33.2 99.6





#67

Ethyl Benzene

Concen: 44.885 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

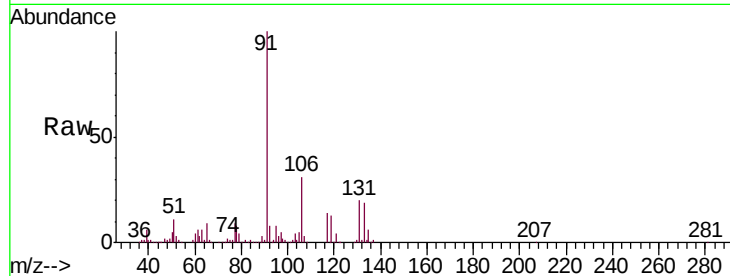
VSTDCCC050EC

Tgt Ion: 91 Resp: 499979

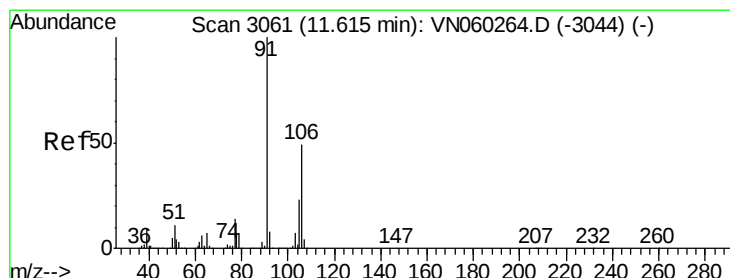
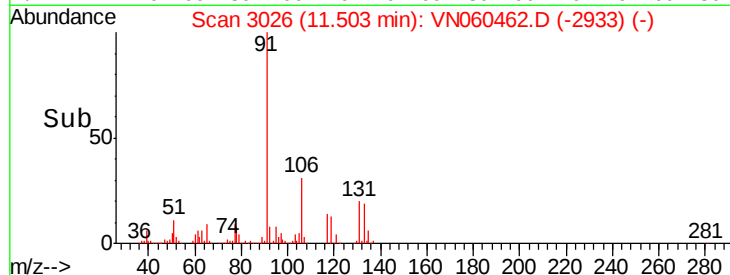
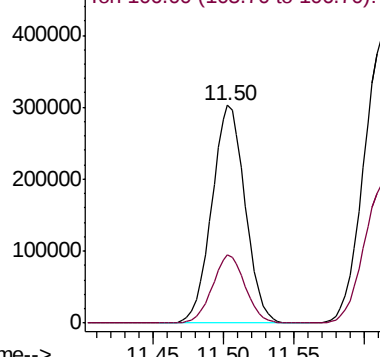
Ion Ratio Lower Upper

91 100

106 31.1 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): VN060264.D (-3011) (-)



#68

m/p-Xylenes

Concen: 88.078 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060462.D

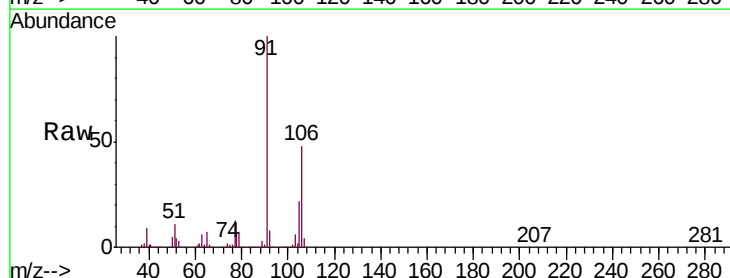
Acq: 11 Mar 2020 19:43

Tgt Ion: 106 Resp: 370162

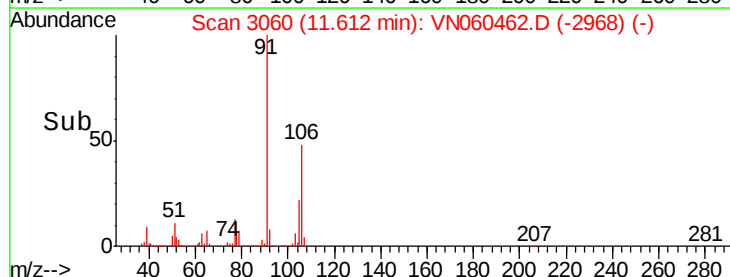
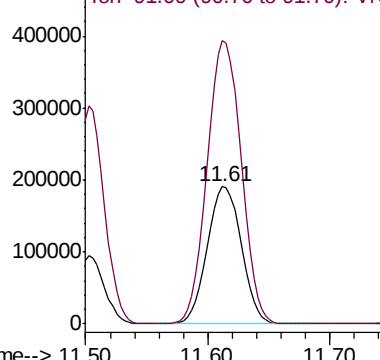
Ion Ratio Lower Upper

106 100

91 205.4 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): VN060264.D (-3044) (-)

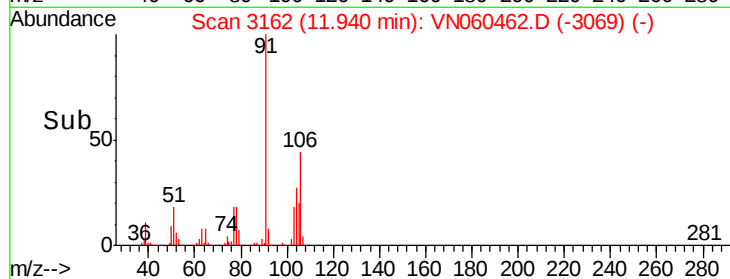
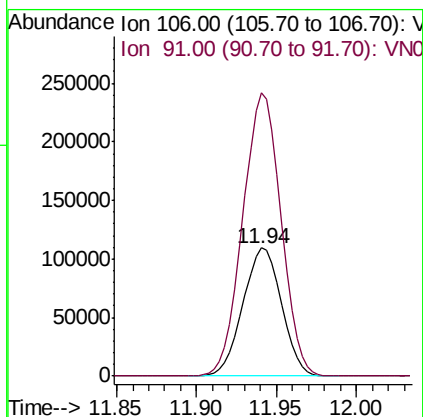
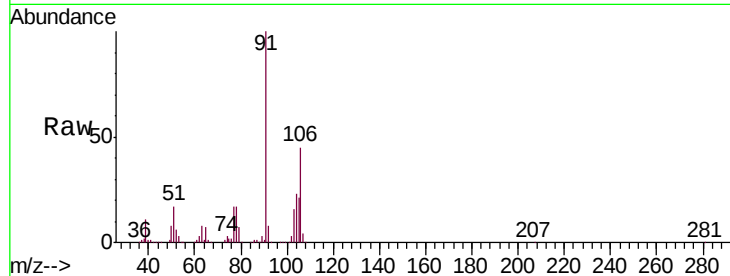




#69
o-Xylene
Concen: 45.174 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

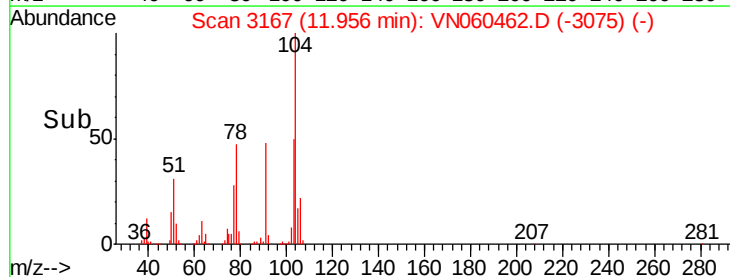
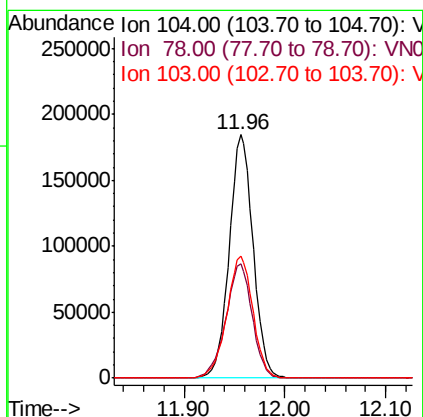
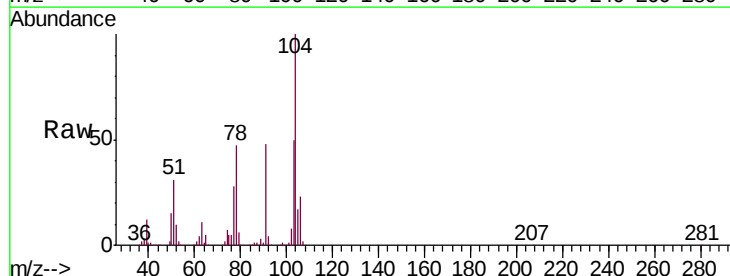
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

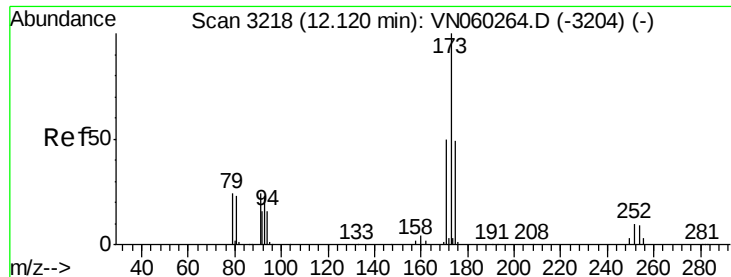
Tgt Ion:106 Resp: 181039
Ion Ratio Lower Upper
106 100
91 218.8 109.5 328.4



#70
Styrene
Concen: 46.150 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion:104 Resp: 304082
Ion Ratio Lower Upper
104 100
78 51.8 41.2 61.8
103 54.9 43.9 65.9

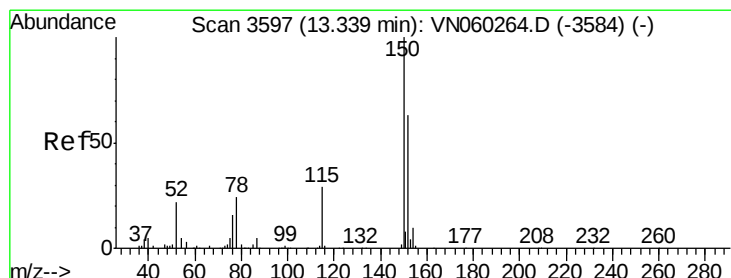
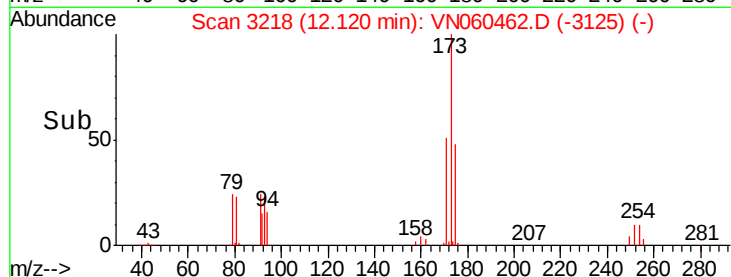
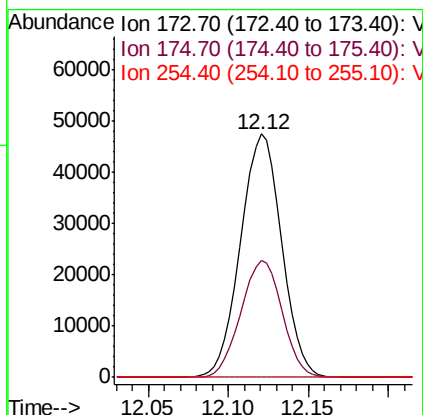
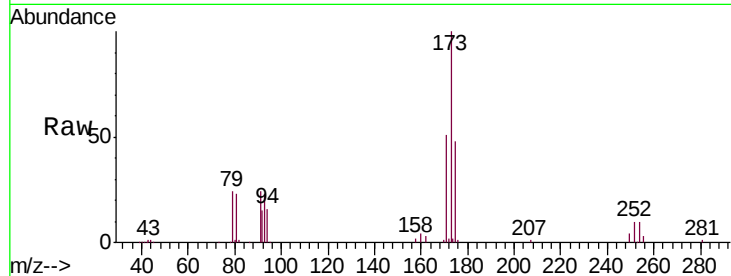




#71
Bromoform
Concen: 51.060 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

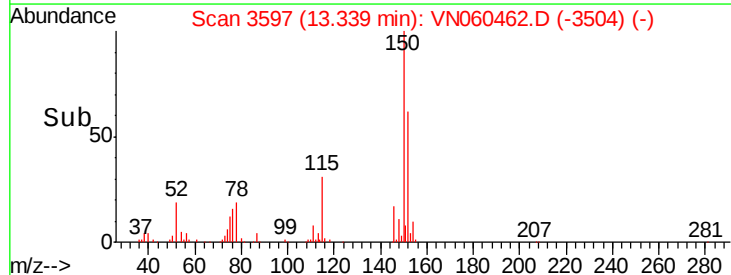
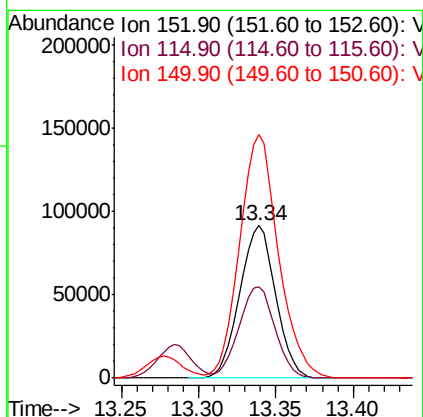
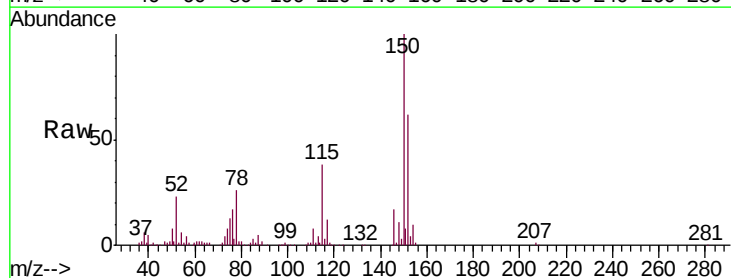
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

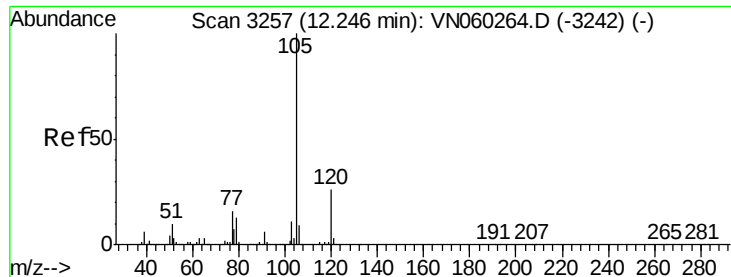
Tgt Ion:173 Resp: 83226
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion:152 Resp: 147853
Ion Ratio Lower Upper
152 100
115 60.4 30.0 90.0
150 172.6 0.0 349.6





#73

Isopropylbenzene

Concen: 44.788 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

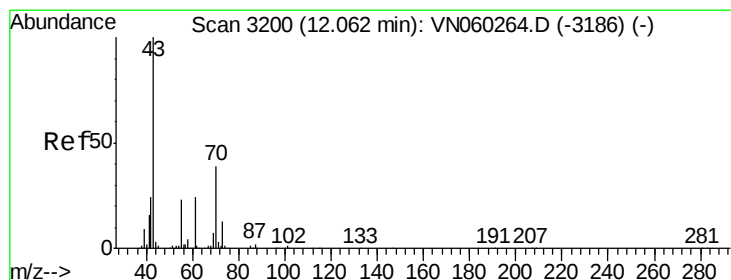
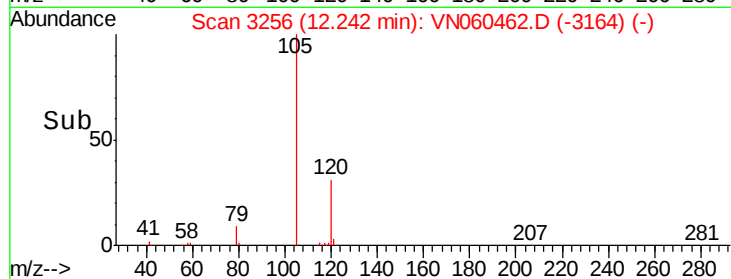
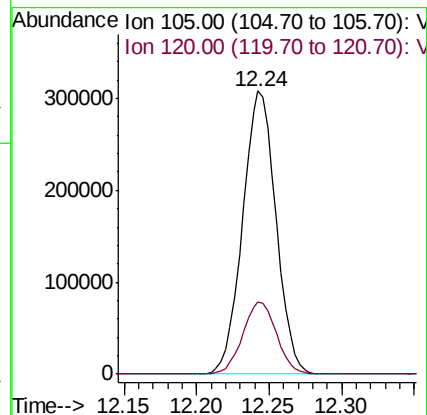
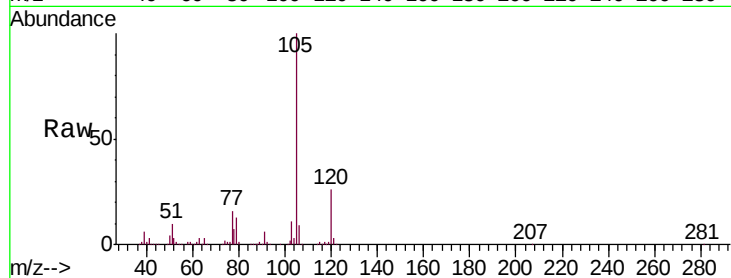
VSTDCCC050EC

Tgt Ion: 105 Resp: 490819

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 48.686 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Tgt Ion: 43 Resp: 233143

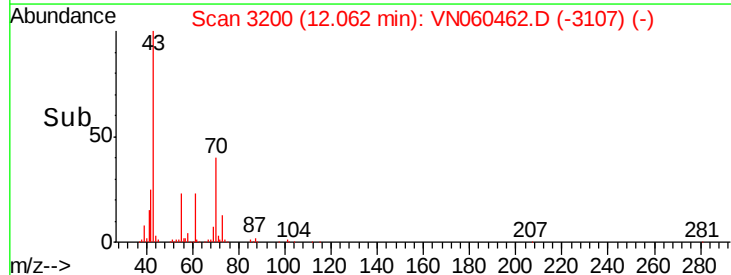
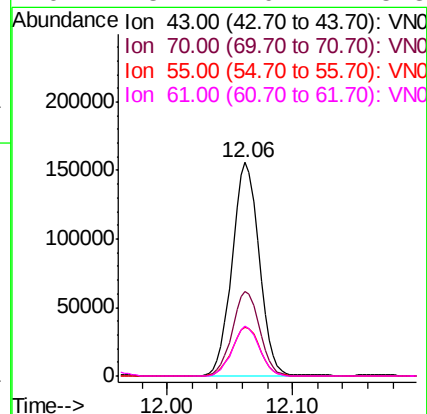
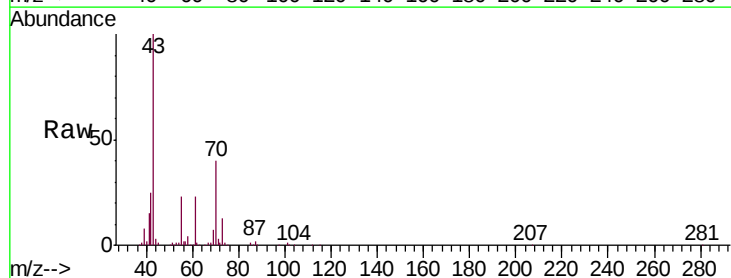
Ion Ratio Lower Upper

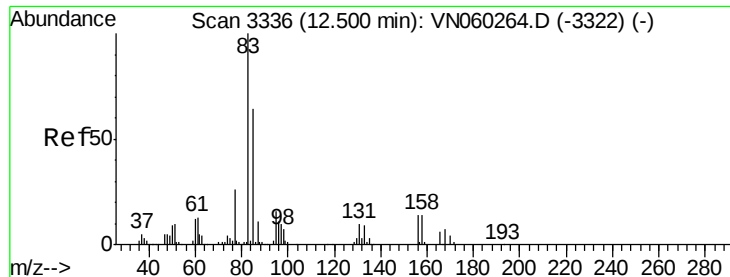
43 100

70 40.0 32.2 48.2

55 23.7 18.2 27.4

61 23.4 19.2 28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.910 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

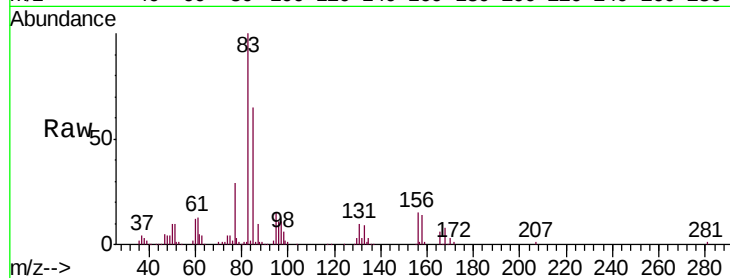
Tgt Ion: 83 Resp: 157611

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.3

85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN060462.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060462.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060462.D (-3322) (-)

120000

100000

80000

60000

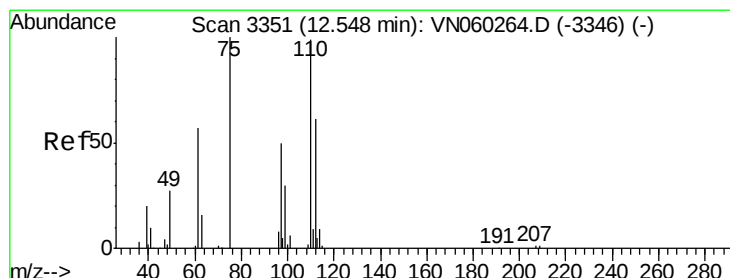
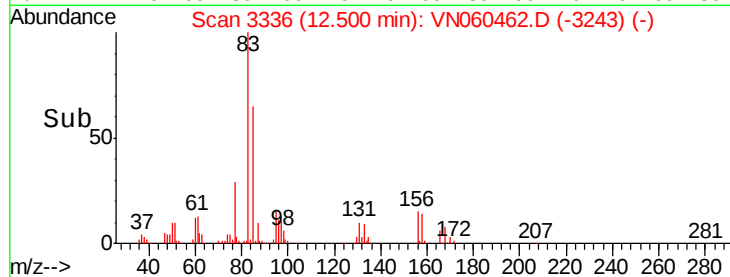
40000

20000

0

12.45 12.50 12.55

Time-->



#76

1,2,3-Trichloropropane

Concen: 65.025 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060462.D

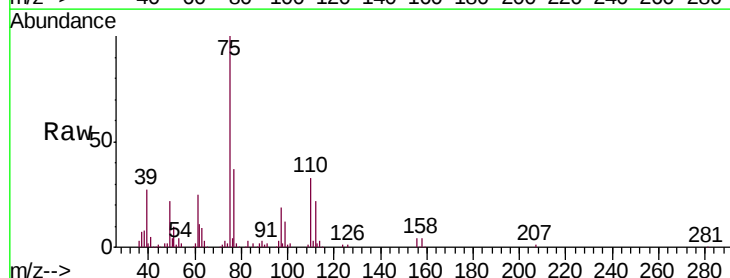
Acq: 11 Mar 2020 19:43

Tgt Ion: 75 Resp: 210935

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060462.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN060462.D (-3351) (-)

150000

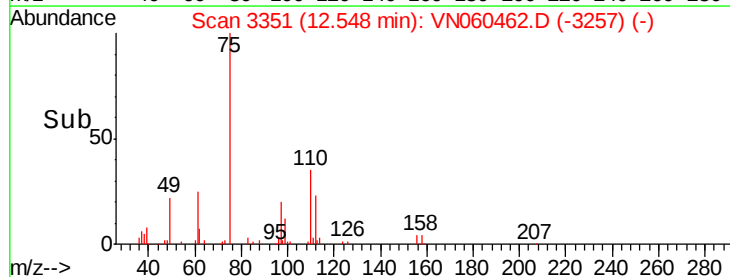
100000

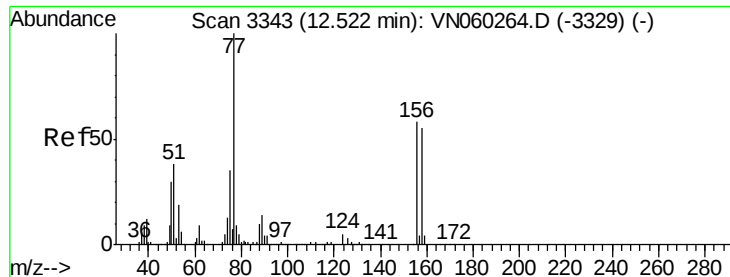
50000

0

12.50 12.55

Time-->





#77

Bromobenzene

Concen: 44.223 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

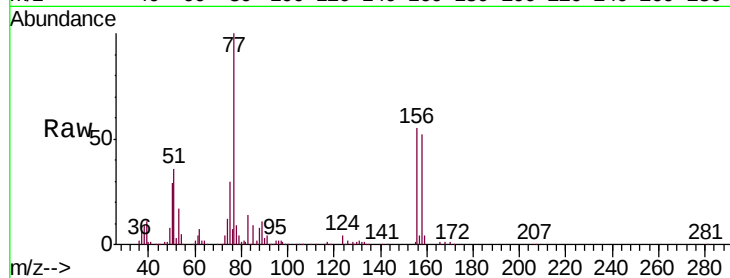
Tgt Ion:156 Resp: 118794

Ion Ratio Lower Upper

156 100

77 221.3 106.1 318.3

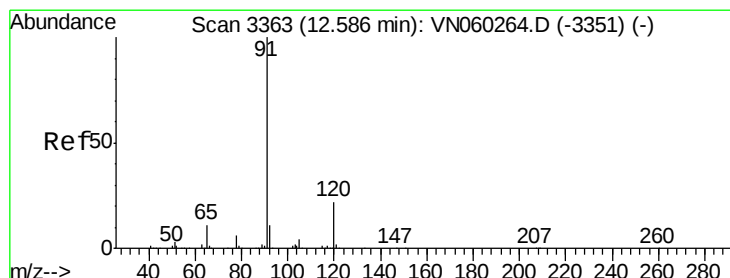
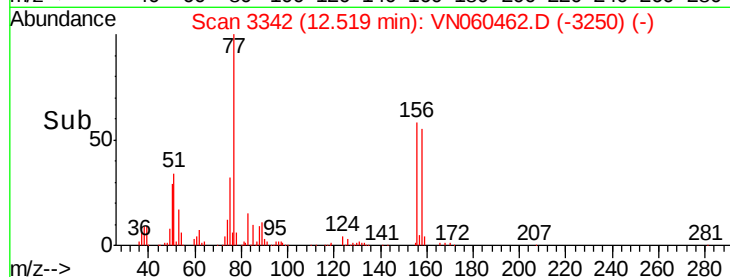
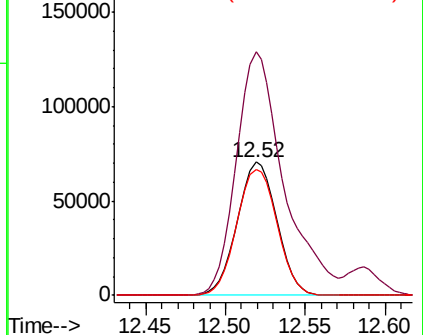
158 96.8 48.3 144.8



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: 44.509 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060462.D

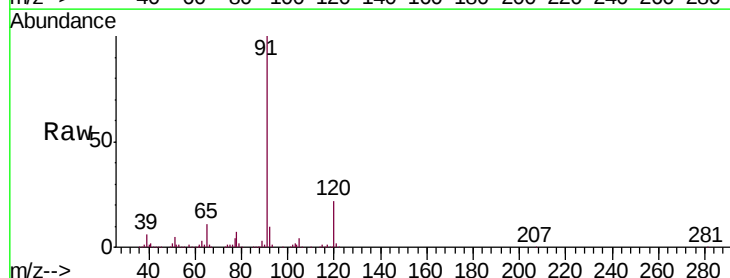
Acq: 11 Mar 2020 19:43

Tgt Ion: 91 Resp: 571740

Ion Ratio Lower Upper

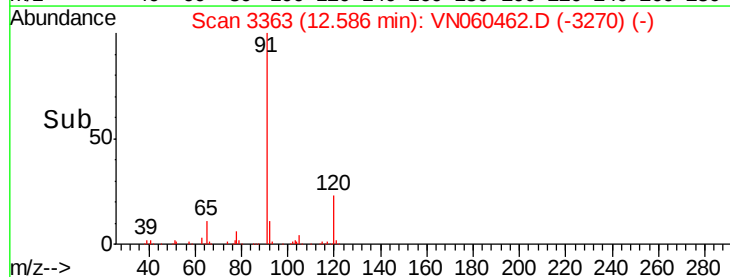
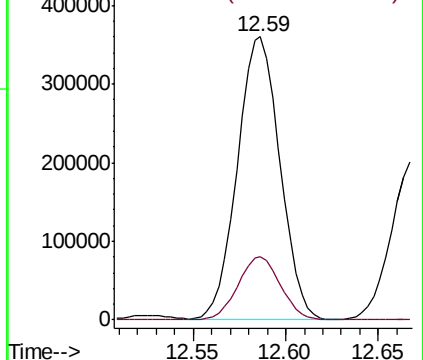
91 100

120 22.2 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.953 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

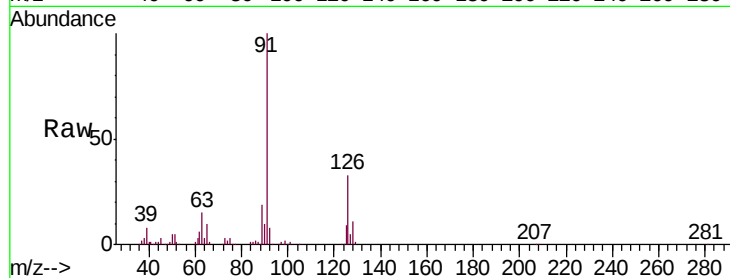
VSTDCCC050EC

Tgt Ion: 91 Resp: 339434

Ion Ratio Lower Upper

91 100

126 32.8 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN060462.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060462.D (-3376) (-)

400000

300000

200000

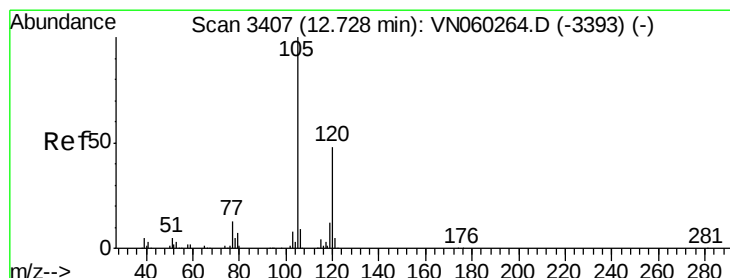
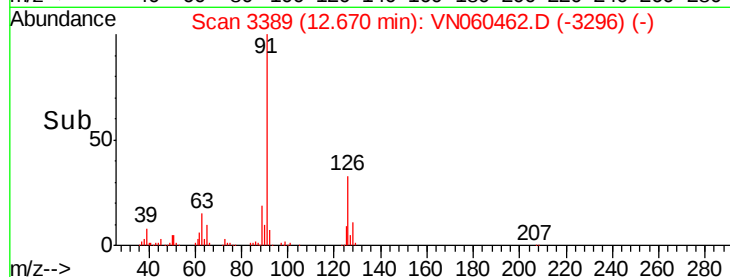
100000

0

12.60 12.65 12.70

12.67

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 44.719 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060462.D

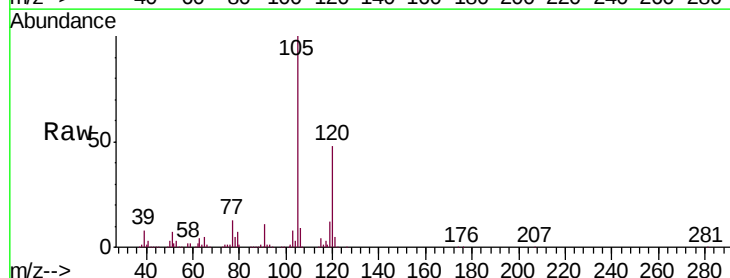
Acq: 11 Mar 2020 19:43

Tgt Ion: 105 Resp: 412606

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060462.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN060462.D (-3393) (-)

300000

250000

200000

150000

100000

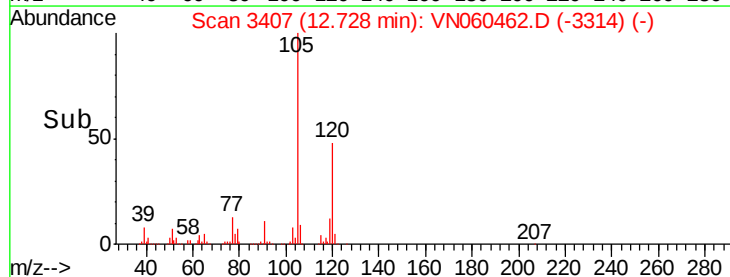
50000

0

12.70 12.75 12.80

12.73

Time-->

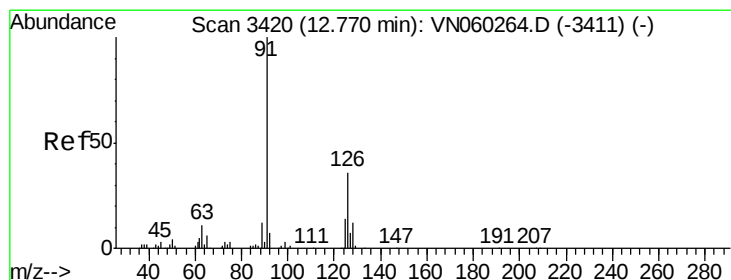
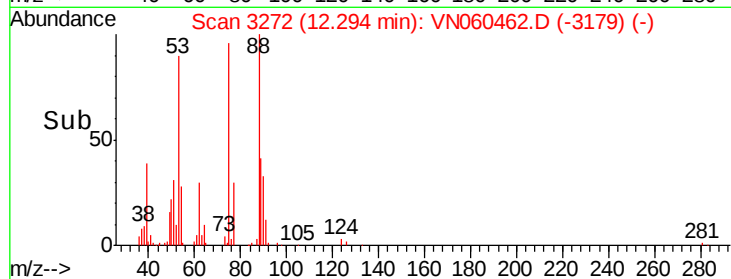
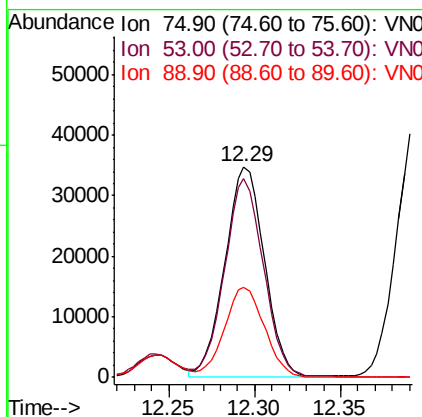
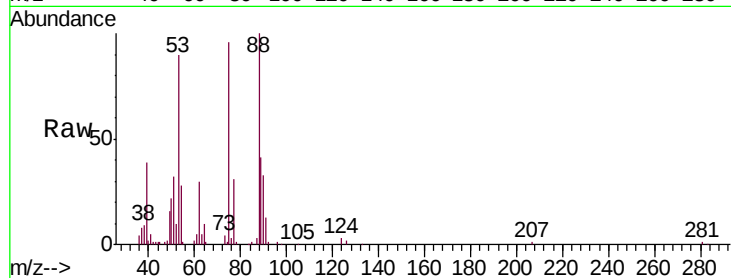




#81
trans-1,4-Dichloro-2-butene
Concen: 47.869 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

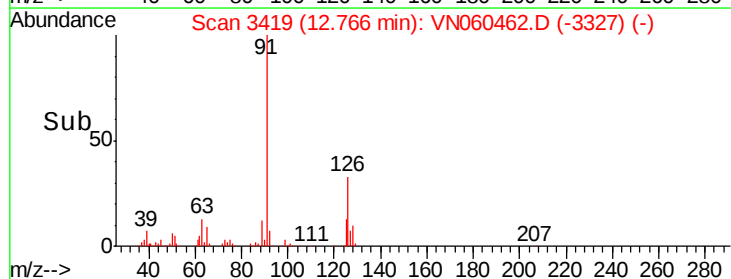
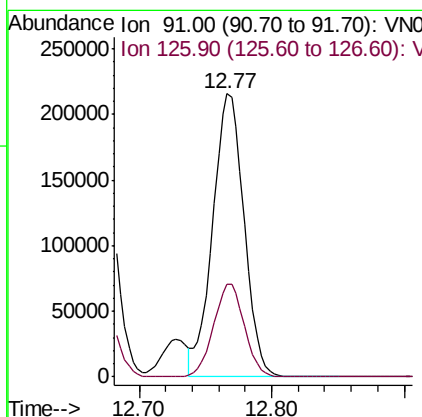
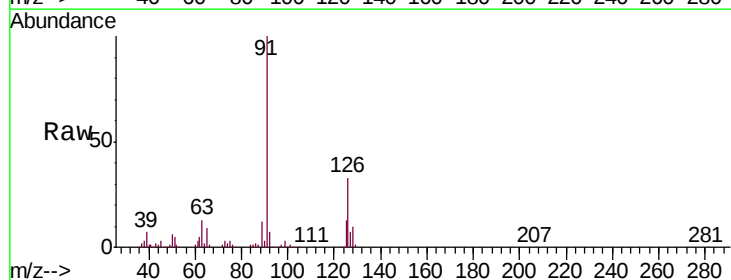
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

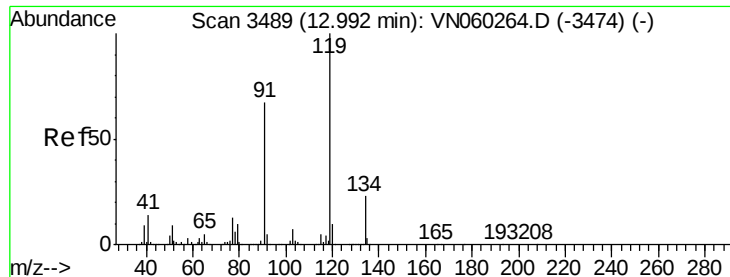
Tgt Ion: 75 Resp: 56252
Ion Ratio Lower Upper
75 100
53 93.0 73.8 110.6
89 43.0 57.1 85.7#



#82
4-Chlorotoluene
Concen: 44.530 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion: 91 Resp: 354256
Ion Ratio Lower Upper
91 100
126 32.2 16.7 50.1

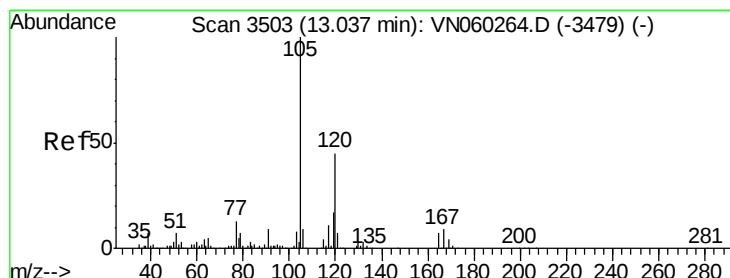
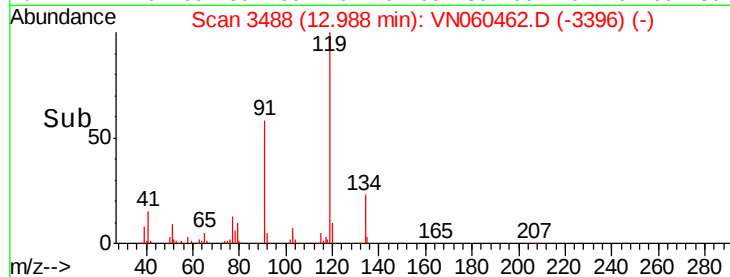
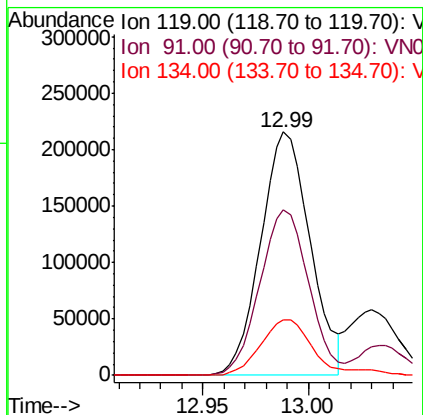
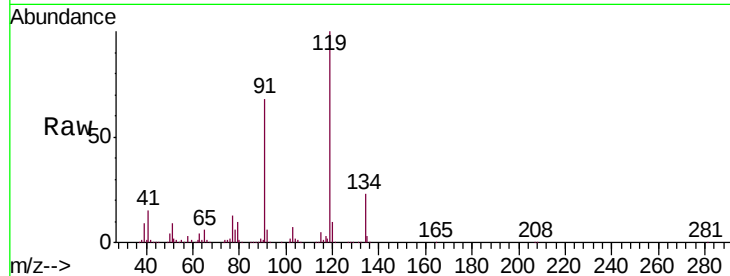




#83
 tert-Butylbenzene
 Concen: 44.164 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

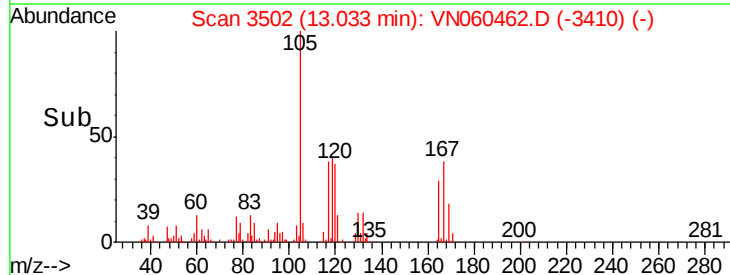
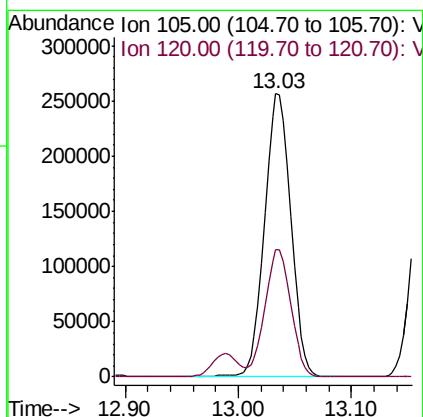
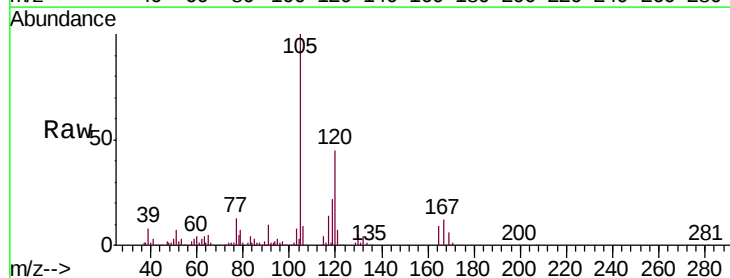
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 352803
 Ion Ratio Lower Upper
 119 100
 91 67.5 33.1 99.2
 134 24.8 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 44.546 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion:105 Resp: 414858
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.3 66.9

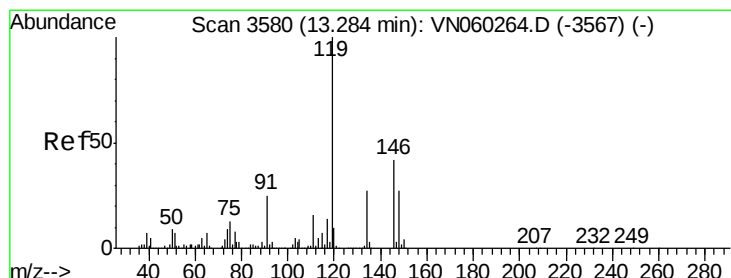
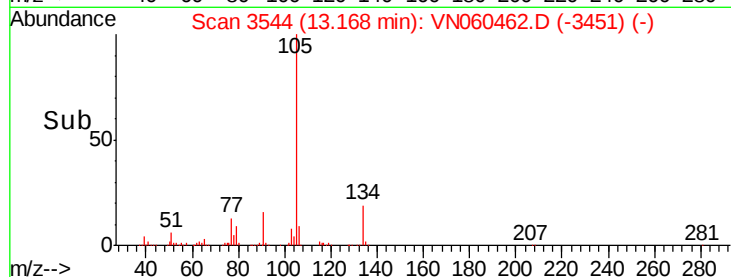
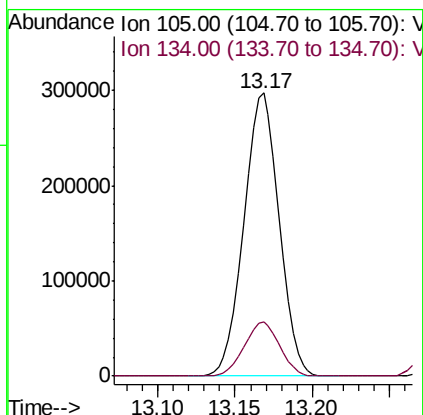
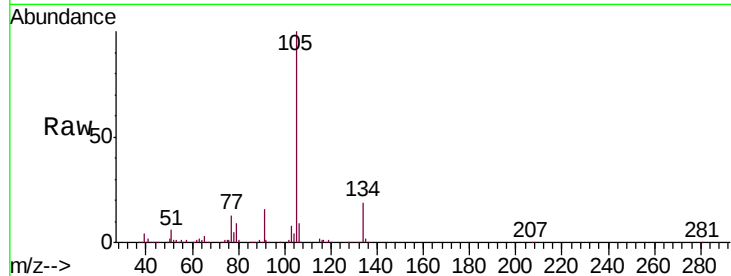




#85
 sec-Butylbenzene
 Concen: 44.042 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 471135
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 42.265 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion:119 Resp: 418475
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.6
 91 24.6 12.2 36.6

