

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062493.D
 Acq On : 10 Jul 2020 15:07
 Operator : JC/MD
 Sample : VN0710WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 02:07:25 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	7.63	168	191381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	323754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	301905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130920	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	151675	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
35) Dibromofluoromethane	7.55	113	108096	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
50) Toluene-d8	10.06	98	414824	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.38	95	149003	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	35150	18.031	ug/l	98
3) Chloromethane	2.04	50	53673	17.159	ug/l	100
4) Vinyl Chloride	2.16	62	46752	18.244	ug/l	99
5) Bromomethane	2.53	94	24173	17.563	ug/l	99
6) Chloroethane	2.67	64	28067	18.805	ug/l	96
7) Trichlorofluoromethane	2.98	101	62446	19.187	ug/l	99
8) Diethyl Ether	3.37	74	29719	20.421	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	36421	18.877	ug/l	98
10) Methyl Iodide	3.91	142	42162	16.550	ug/l	99
11) Tert butyl alcohol	4.73	59	48601	99.530	ug/l	99
12) 1,1-Dichloroethene	3.70	96	36545	18.604	ug/l	98
13) Acrolein	3.57	56	32135	91.227	ug/l	98
14) Allyl chloride	4.28	41	83736	18.125	ug/l	98
15) Acrylonitrile	4.93	53	128279	100.166	ug/l	99
16) Acetone	3.78	43	104989	84.007	ug/l	98
17) Carbon Disulfide	4.01	76	106457	17.295	ug/l	99
18) Methyl Acetate	4.28	43	61986	19.875	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	147643	19.825	ug/l	98
20) Methylene Chloride	4.50	84	48537	18.164	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	39934	18.765	ug/l	99
22) Diisopropyl ether	5.90	45	179361	19.651	ug/l	99
23) Vinyl Acetate	5.84	43	731484	96.745	ug/l	100
24) 1,1-Dichloroethane	5.80	63	89386	18.952	ug/l	99
25) 2-Butanone	6.79	43	172607	94.569	ug/l	100
26) 2,2-Dichloropropane	6.78	77	65347	18.070	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	48149	19.534	ug/l	99
28) Bromochloromethane	7.15	49	47999	18.732	ug/l	95
29) Tetrahydrofuran	7.17	42	119280	97.069	ug/l	99
30) Chloroform	7.33	83	84216	19.776	ug/l	99
31) Cyclohexane	7.61	56	77332	17.295	ug/l	90
32) 1,1,1-Trichloroethane	7.53	97	68105	19.226	ug/l	99
36) 1,1-Dichloropropene	7.75	75	60542	18.561	ug/l	99
37) Ethyl Acetate	6.88	43	75092	19.688	ug/l	100
38) Carbon Tetrachloride	7.73	117	56859	19.389	ug/l	99

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 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	9.05	83	63607	18.266	ug/l	97
40) Benzene	8.00	78	189376	19.700	ug/l	100
41) Methacrylonitrile	7.12	41	28504	17.887	ug/l	87
42) 1,2-Dichloroethane	8.09	62	72496	20.596	ug/l	100
43) Isopropyl Acetate	8.13	43	118215	19.620	ug/l	94
44) Trichloroethene	8.80	130	41441	19.429	ug/l	99
45) 1,2-Dichloropropane	9.09	63	54834	19.649	ug/l	99
46) Dibromomethane	9.18	93	31645	20.094	ug/l	99
47) Bromodichloromethane	9.37	83	67317	19.993	ug/l	100
48) Methyl methacrylate	9.17	41	56838	19.231	ug/l	98
49) 1,4-Dioxane	9.17	88	16973	394.557	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	370086	102.839	ug/l	100
52) Toluene	10.12	92	109931	19.798	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	74670	19.795	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	82172	19.743	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	45964	21.047	ug/l	97
56) Ethyl methacrylate	10.40	69	74047	19.505	ug/l	99
57) 1,3-Dichloropropane	10.68	76	84051	20.832	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	124875	96.382	ug/l	97
59) 2-Hexanone	10.72	43	263819	100.982	ug/l	98
60) Dibromochloromethane	10.88	129	48890	20.647	ug/l	98
61) 1,2-Dibromoethane	10.98	107	45380	20.584	ug/l	99
64) Tetrachloroethene	10.60	164	33233	18.550	ug/l	99
65) Chlorobenzene	11.41	112	115598	19.701	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	42954	19.851	ug/l	99
67) Ethyl Benzene	11.48	91	208947	18.971	ug/l	99
68) m/p-Xylenes	11.60	106	151421	38.835	ug/l	98
69) o-Xylene	11.92	106	72751	19.164	ug/l	98
70) Styrene	11.94	104	122796	19.572	ug/l	99
71) Bromoform	12.10	173	33203	20.932	ug/l #	99
73) Isopropylbenzene	12.22	105	194851	19.233	ug/l	99
74) N-amyl acetate	12.05	43	99989	20.278	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	72325	21.232	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	90268	28.100	ug/l #	100
77) Bromobenzene	12.50	156	46368	20.132	ug/l	97
78) n-propylbenzene	12.57	91	226506	19.140	ug/l	99
79) 2-Chlorotoluene	12.65	91	140803	19.604	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	165132	19.883	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	22536	18.777	ug/l	97
82) 4-Chlorotoluene	12.75	91	143500	19.680	ug/l	99
83) tert-Butylbenzene	12.97	119	136314	19.341	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	162280	19.658	ug/l	99
85) sec-Butylbenzene	13.15	105	182560	19.548	ug/l	99
86) p-Isopropyltoluene	13.26	119	154386	19.153	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	79160	19.923	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	81158	19.851	ug/l	100
89) n-Butylbenzene	13.59	91	127939	17.976	ug/l	99
90) Hexachloroethane	13.85	117	30613	19.307	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	78792	20.510	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12204	19.632	ug/l	97

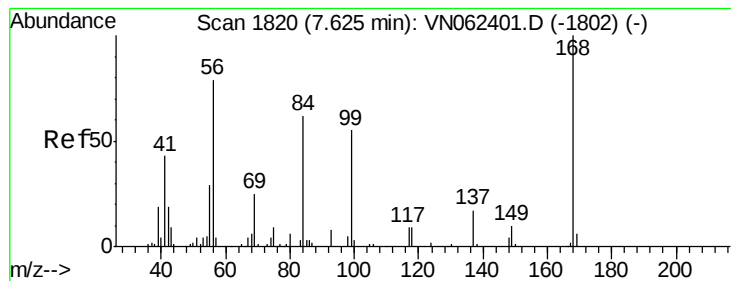
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	35209	19.265	ug/l	98
94) Hexachlorobutadiene	14.98	225	20685	20.279	ug/l	99
95) Naphthalene	15.10	128	94706	20.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	35712	19.373	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

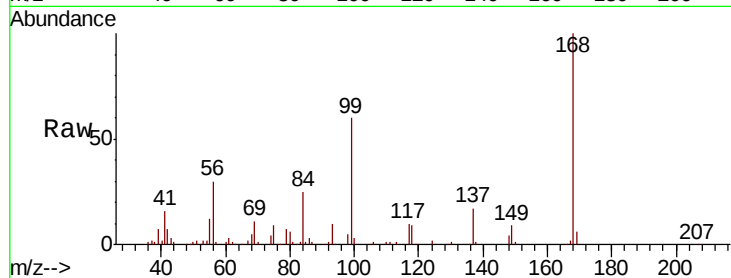
ClientSampleId :

Tot Ion:168 Resp: 191381

Ion Ratio Lower Upper

168 100

99 59.4 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): VN062401.D (-1802) (-)

Ion 98.90 (98.60 to 99.60): VN062401.D (-1802) (-)

7.63

80000

60000

40000

20000

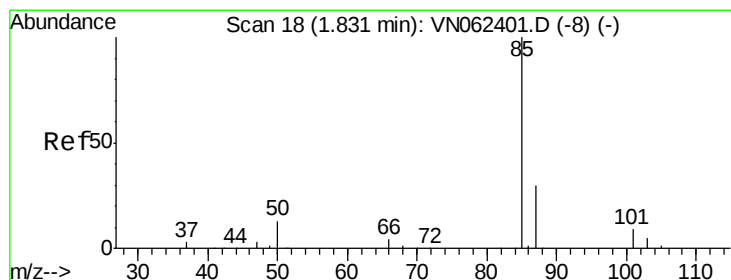
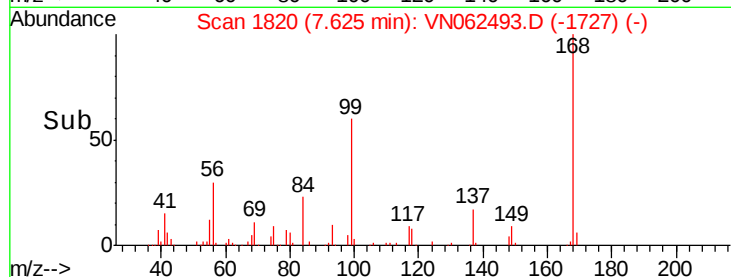
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.031 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062493.D

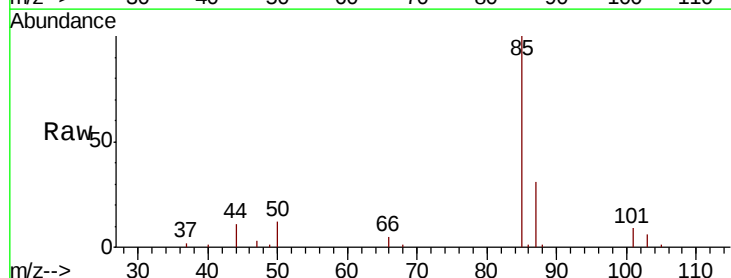
Acq: 10 Jul 2020 15:07

Tgt Ion: 85 Resp: 35150

Ion Ratio Lower Upper

85 100

87 31.4 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN062401.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN062401.D (-8) (-)

1.83

30000

25000

20000

15000

10000

5000

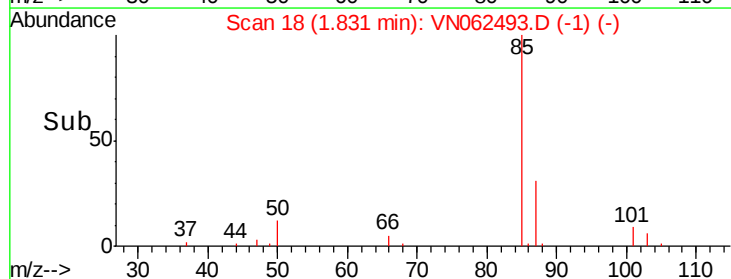
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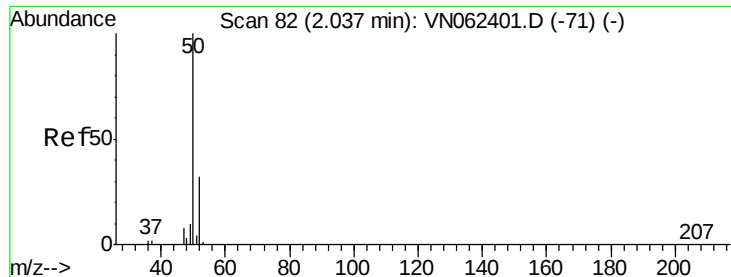
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 17.159 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

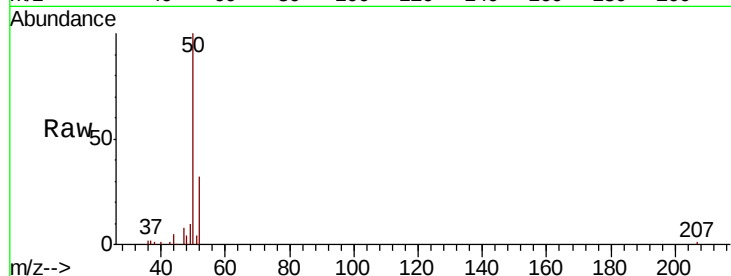
ClientSampled :

Tot Ion: 50 Resp: 53673

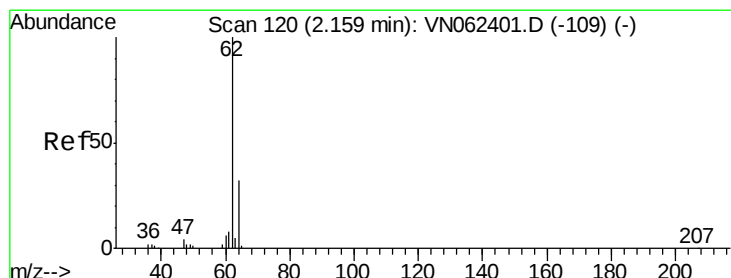
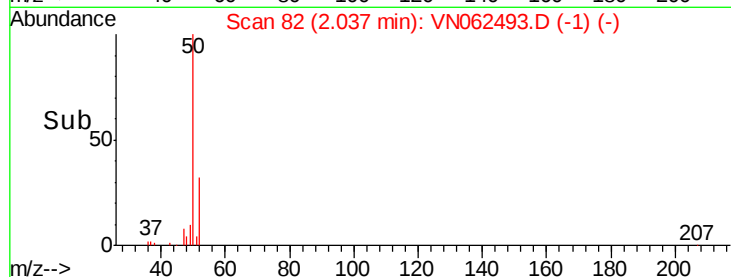
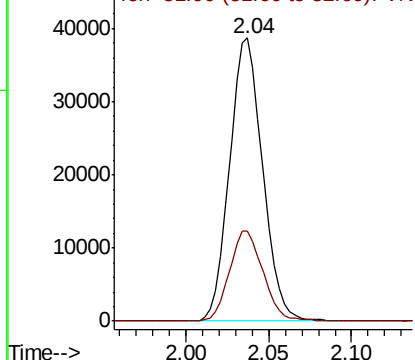
Ion Ratio Lower Upper

50 100

52 31.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 18.244 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062493.D

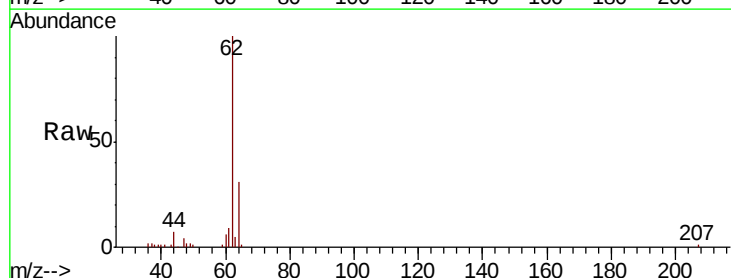
Acq: 10 Jul 2020 15:07

Tgt Ion: 62 Resp: 46752

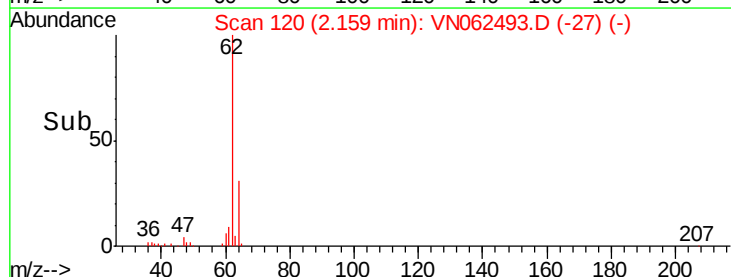
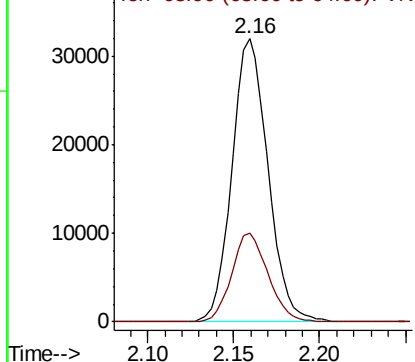
Ion Ratio Lower Upper

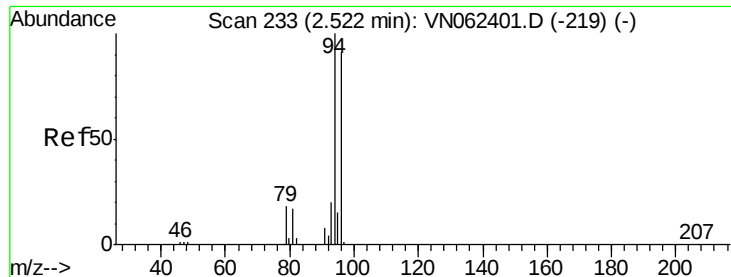
62 100

64 31.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 17.563 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

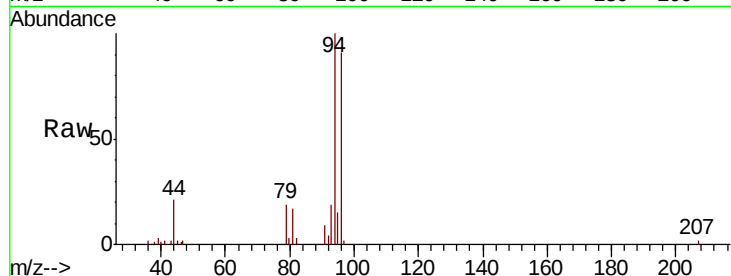
ClientSampled :

Tot Ion: 94 Resp: 24173

Ion Ratio Lower Upper

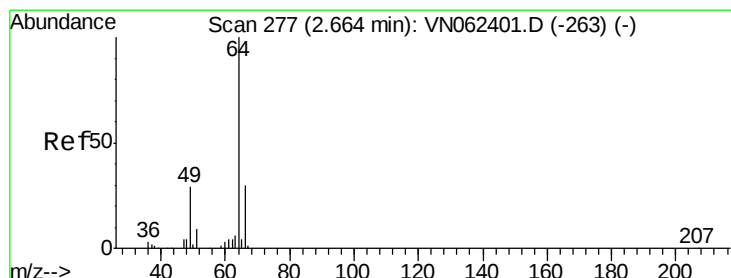
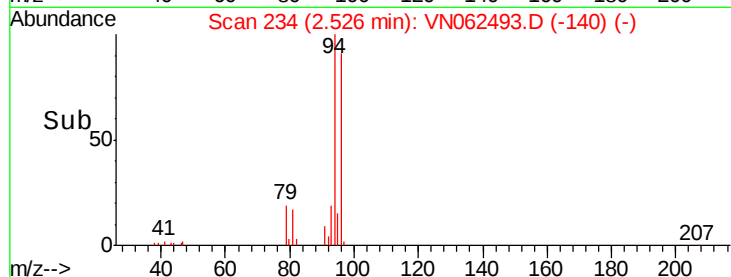
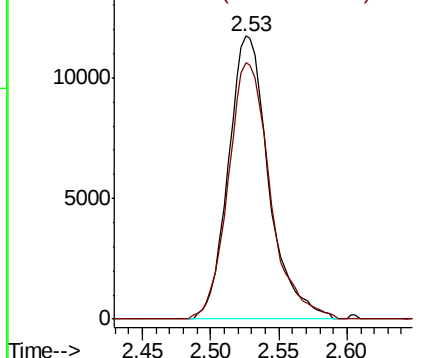
94 100

96 90.6 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: 18.805 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062493.D

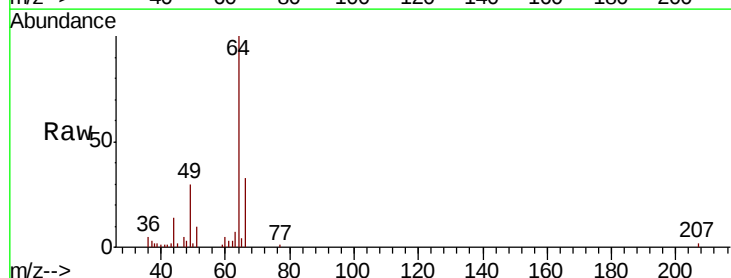
Acq: 10 Jul 2020 15:07

Tgt Ion: 64 Resp: 28067

Ion Ratio Lower Upper

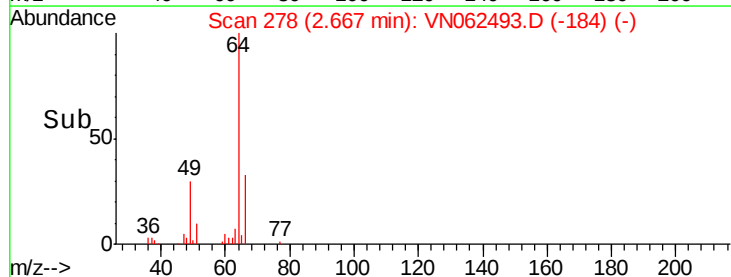
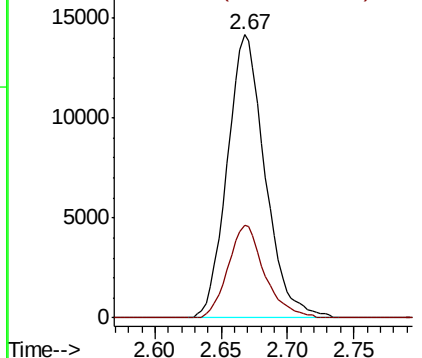
64 100

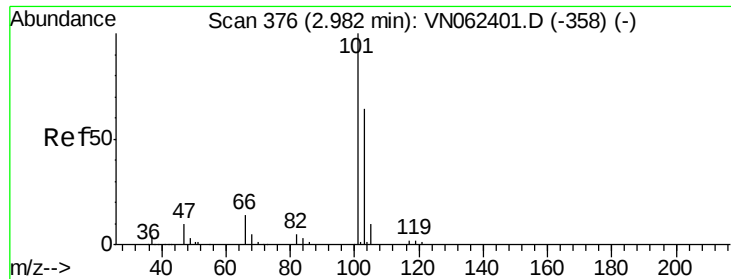
66 32.6 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



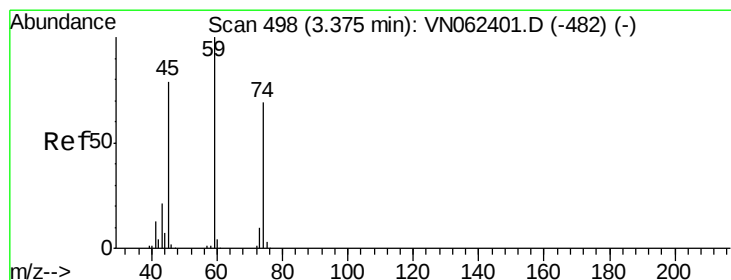
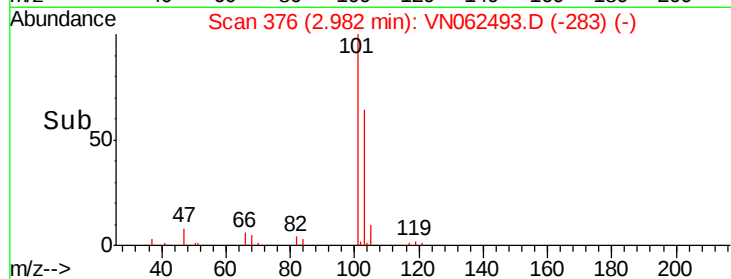
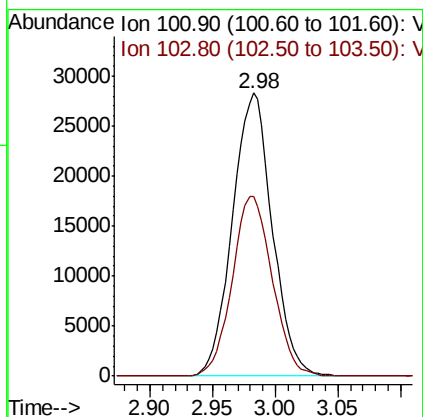
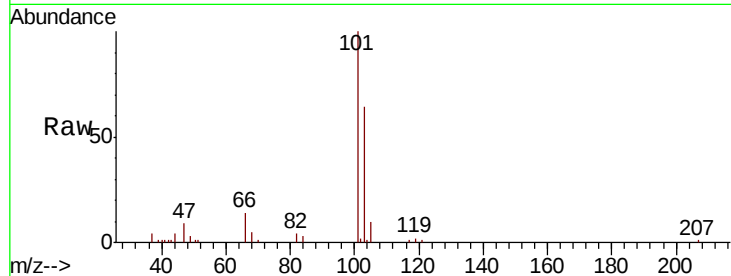


#7

Trichlorofluoromethane
 Concen: 19.187 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Instrument :
 MSVOA_N
 ClientSampled :

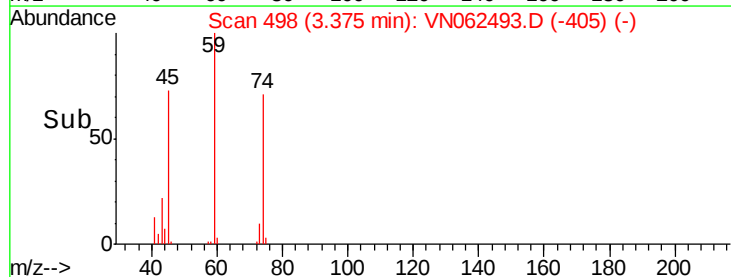
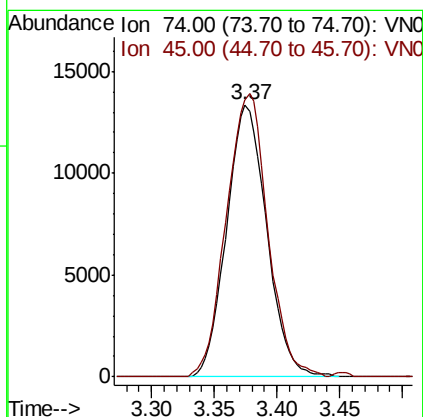
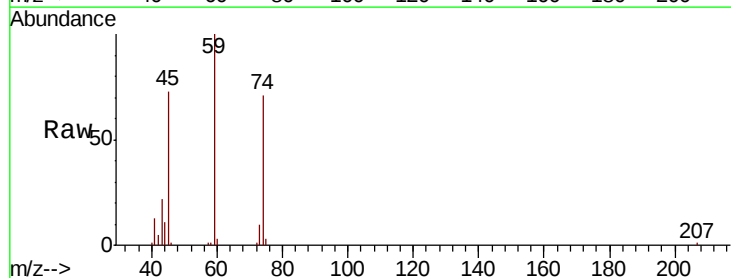
Tot Ion:101 Resp: 62446
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.6 77.4

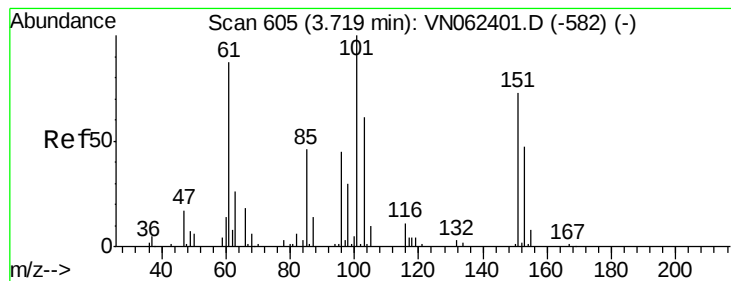


#8

Diethyl Ether
 Concen: 20.421 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Tgt Ion: 74 Resp: 29719
 Ion Ratio Lower Upper
 74 100
 45 107.6 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.877 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

ClientSampled :

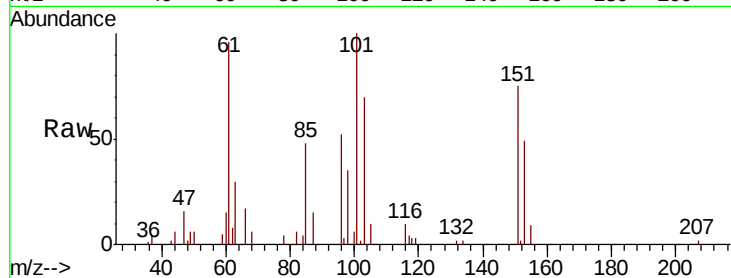
Tot Ion:101 Resp: 36421

Ion Ratio Lower Upper

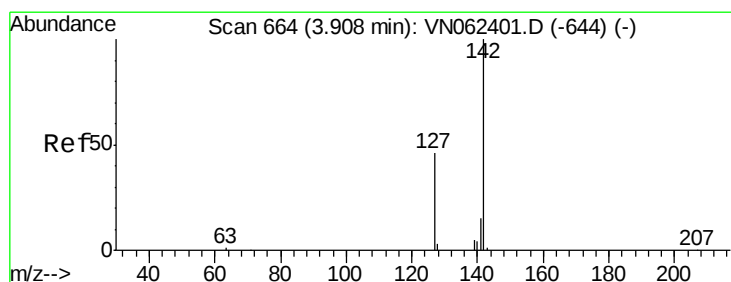
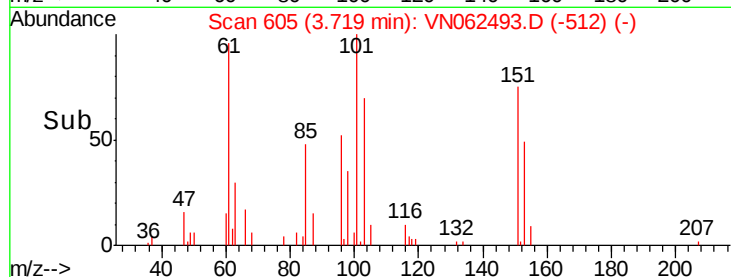
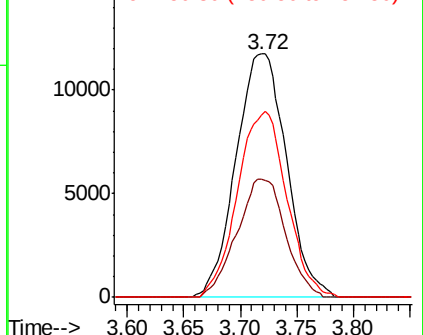
101 100

85 46.7 36.7 55.1

151 74.5 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.550 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

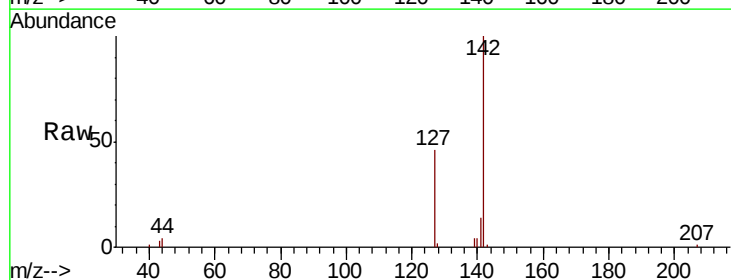
Tgt Ion:142 Resp: 42162

Ion Ratio Lower Upper

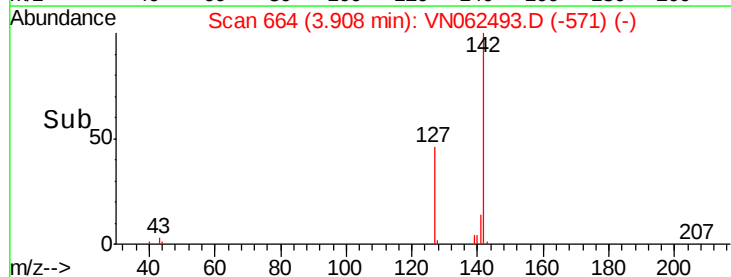
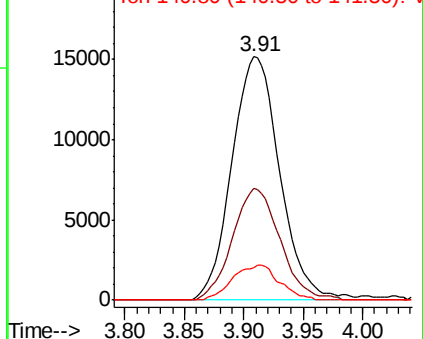
142 100

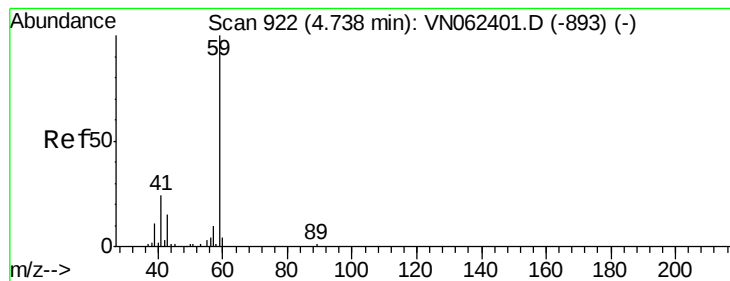
127 45.7 36.1 54.1

141 14.1 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



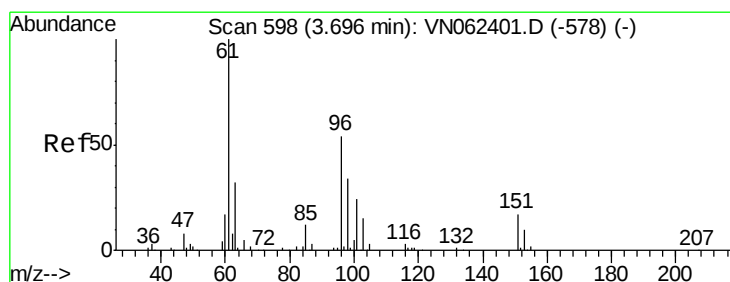
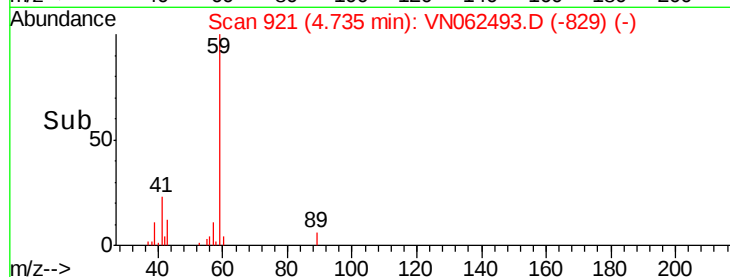
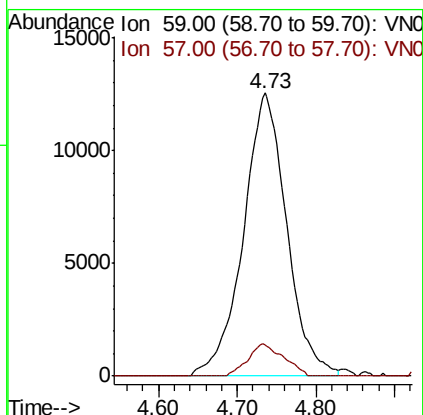
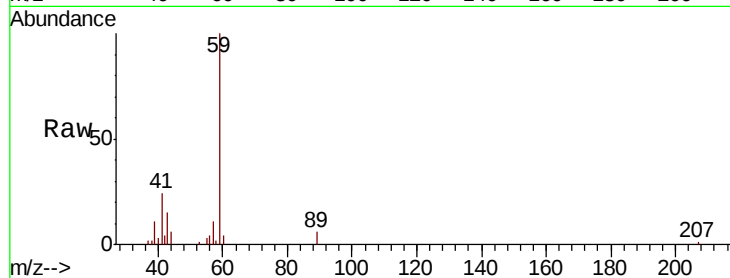


#11

Tert butyl alcohol
 Concen: 99.530 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Instrument :
 MSVOA_N
 ClientSampled :

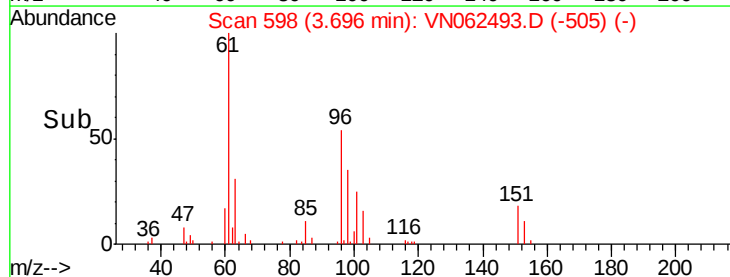
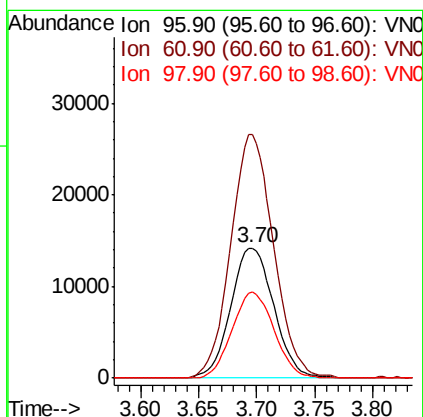
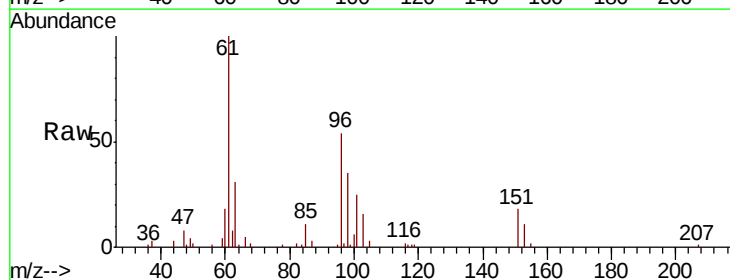
Tot Ion: 59 Resp: 48601
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.8 11.6

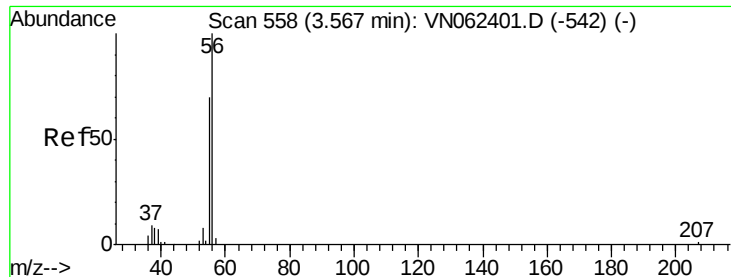


#12

1,1-Dichloroethene
 Concen: 18.604 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Tgt Ion: 96 Resp: 36545
 Ion Ratio Lower Upper
 96 100
 61 186.9 147.4 221.0
 98 65.8 50.4 75.6





#13

Acrolein

Concen: 91.227 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

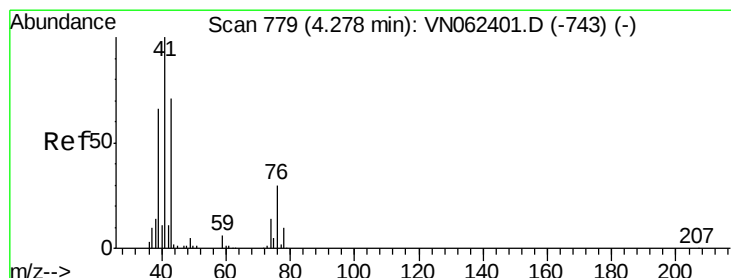
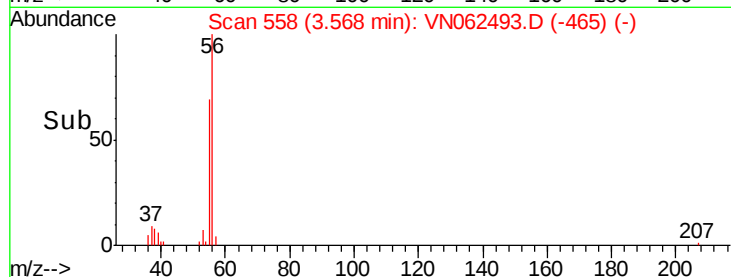
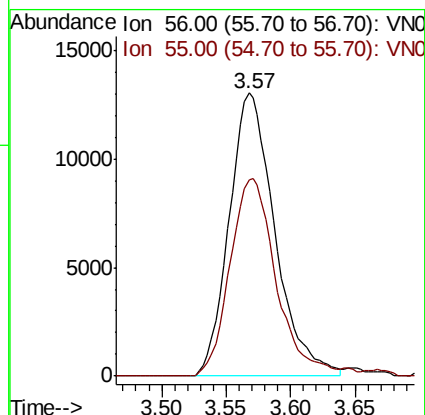
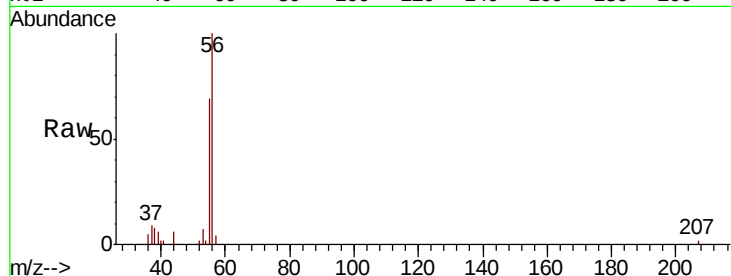
ClientSampled :

Tot Ion: 56 Resp: 32135

Ion Ratio Lower Upper

56 100

55 70.3 57.2 85.8



#14

Allyl chloride

Concen: 18.125 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

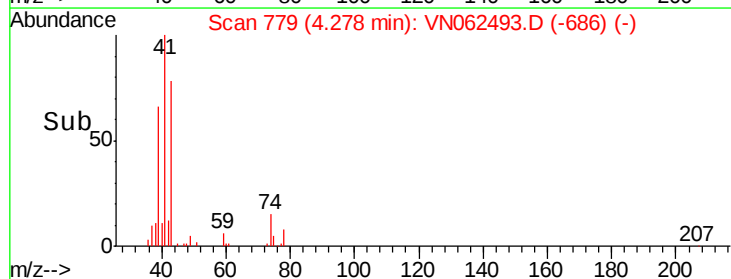
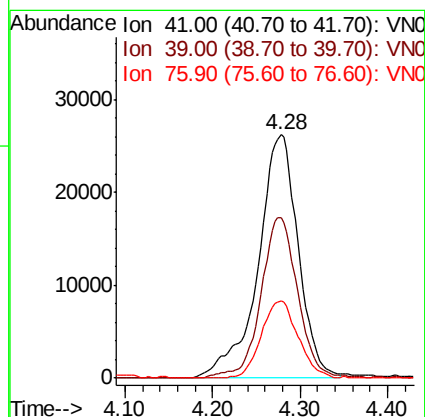
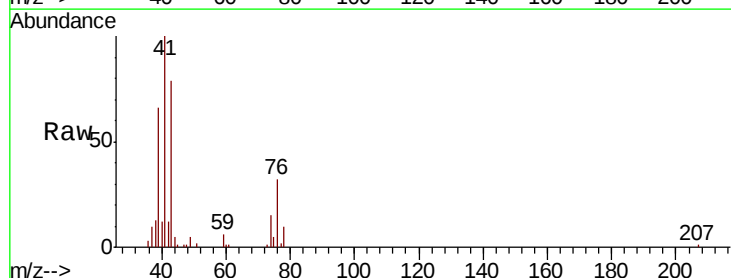
Tgt Ion: 41 Resp: 83736

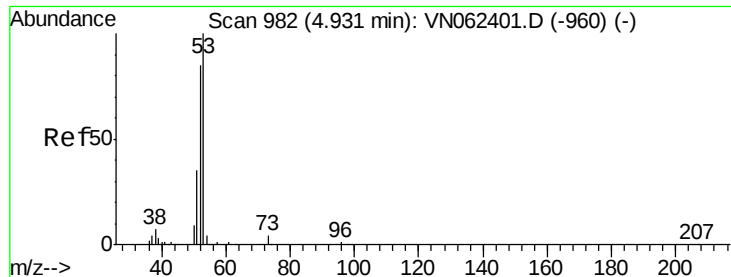
Ion Ratio Lower Upper

41 100

39 60.6 49.6 74.4

76 28.9 22.2 33.4





#15

Acrylonitrile

Concen: 100.166 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

ClientSampled :

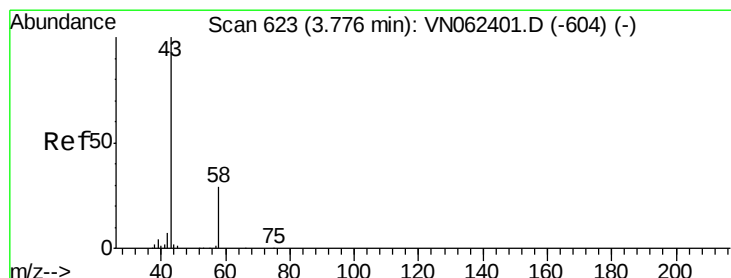
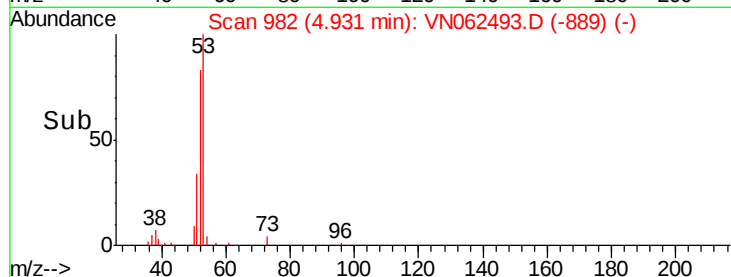
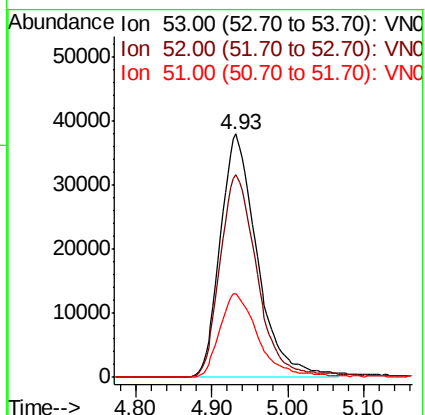
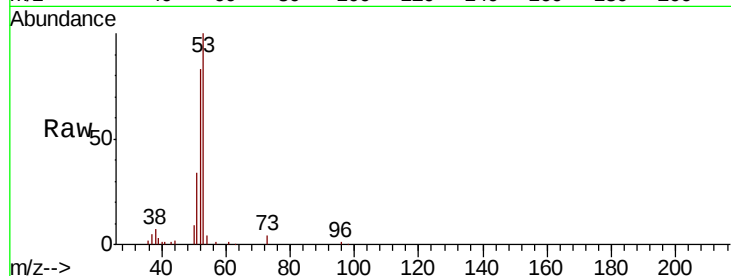
Tot Ion: 53 Resp: 128279

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.4

51 35.0 28.7 43.1



#16

Acetone

Concen: 84.007 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062493.D

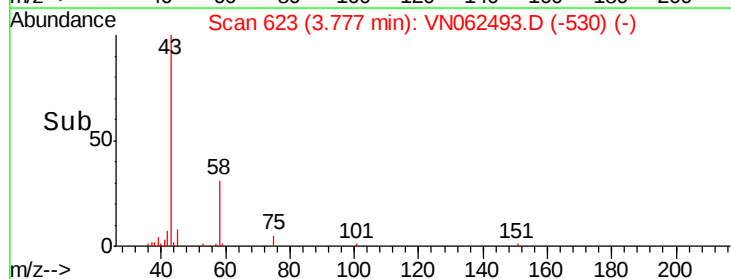
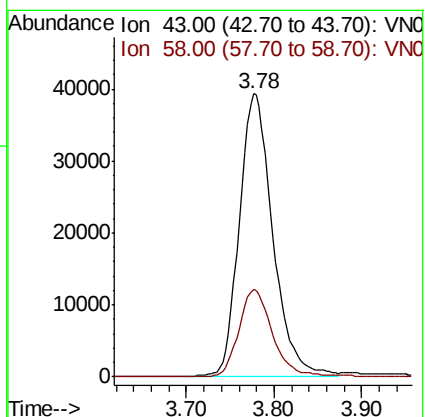
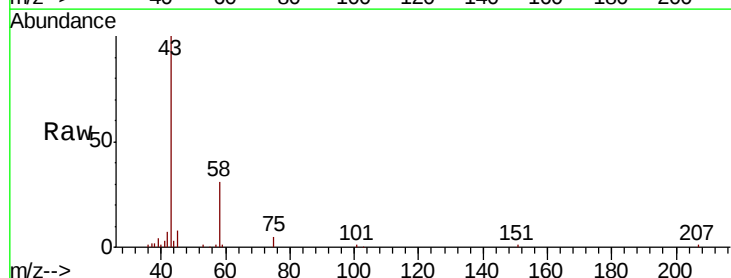
Acq: 10 Jul 2020 15:07

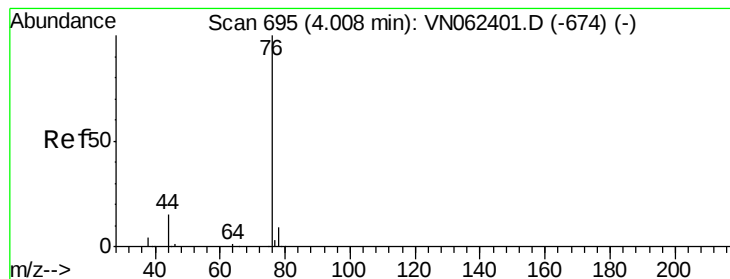
Tgt Ion: 43 Resp: 104989

Ion Ratio Lower Upper

43 100

58 30.7 23.5 35.3





#17

Carbon Disulfide

Concen: 17.295 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

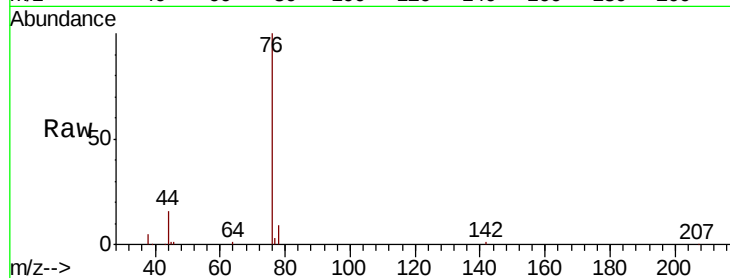
ClientSampled :

Tot Ion: 76 Resp: 106457

Ion Ratio Lower Upper

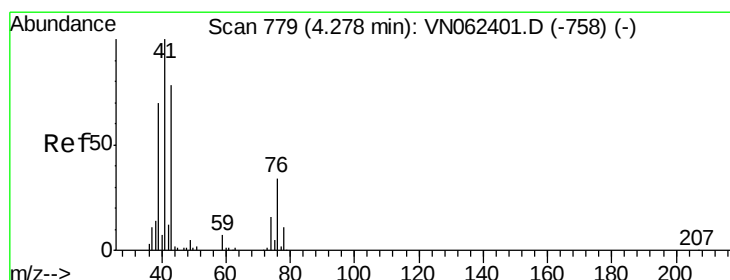
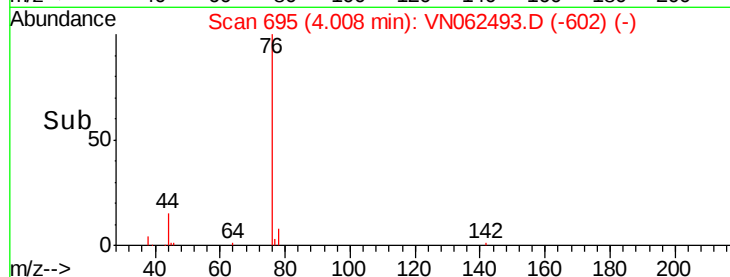
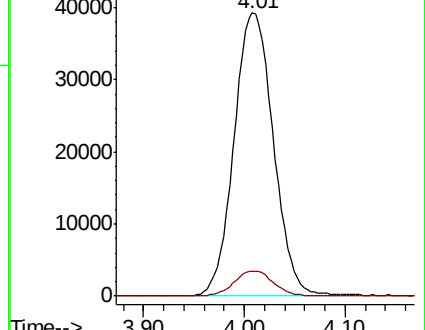
76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN062401.D (-674) (-)

Ion 77.90 (77.60 to 78.60): VN062401.D (-674) (-)



#18

Methyl Acetate

Concen: 19.875 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062493.D

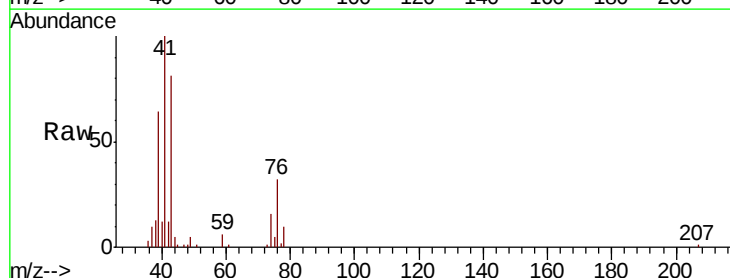
Acq: 10 Jul 2020 15:07

Tgt Ion: 43 Resp: 61986

Ion Ratio Lower Upper

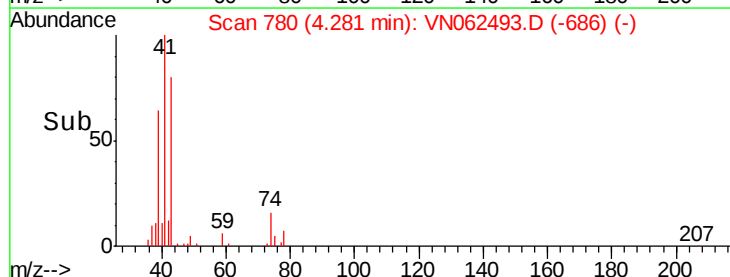
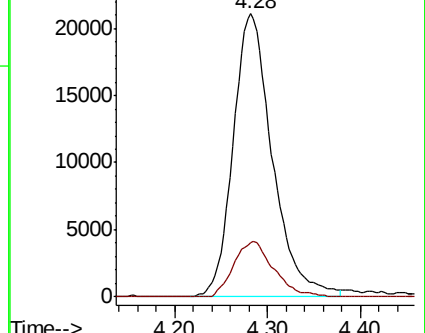
43 100

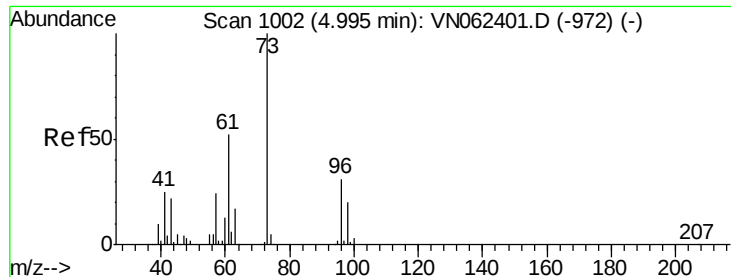
74 20.0 16.0 24.0



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN062401.D (-758) (-)

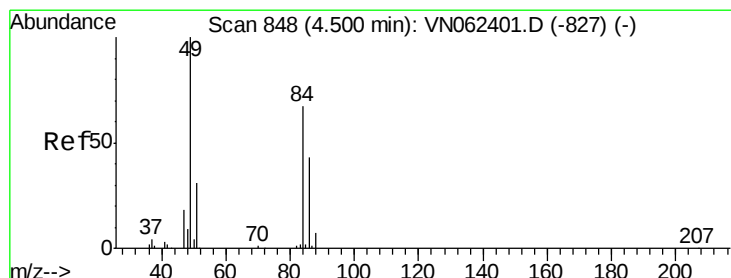
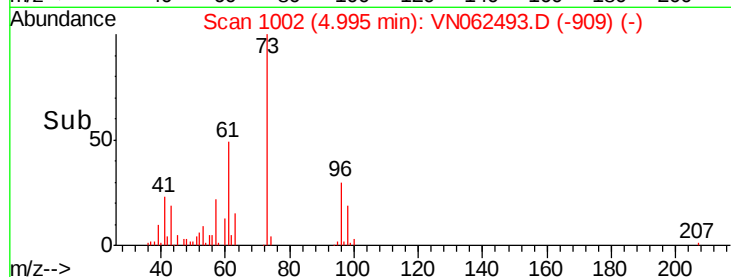
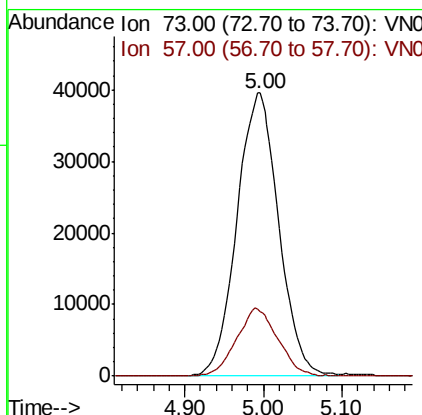
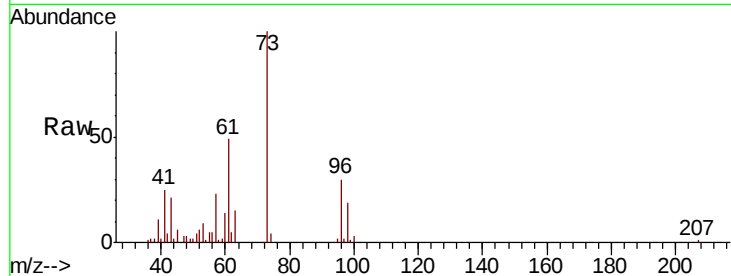




#19
Methvl tert-butvl Ether
Concen: 19.825 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

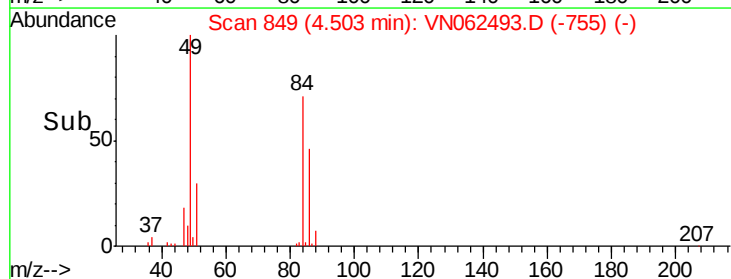
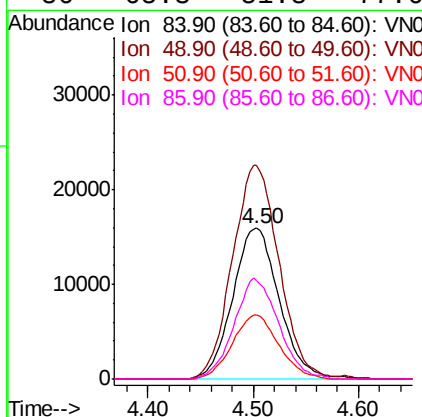
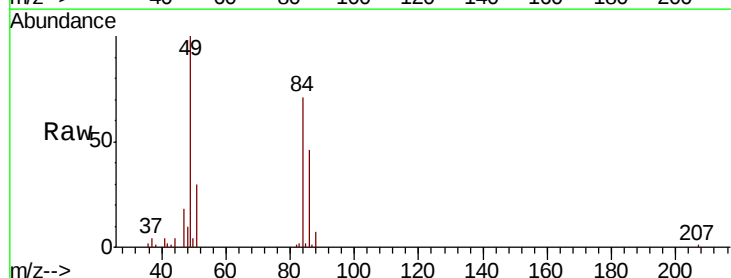
Instrument :
MSVOA_N
ClientSampled :

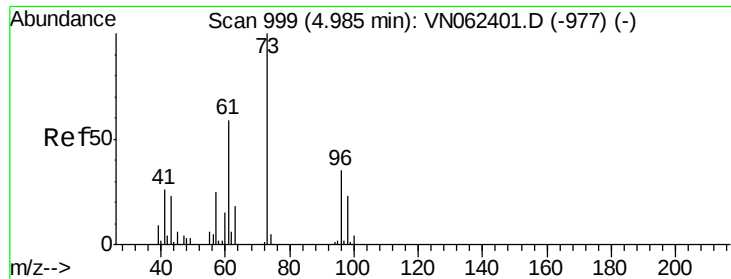
Tot Ion: 73 Resp: 147643
Ion Ratio Lower Upper
73 100
57 23.0 19.4 29.0



#20
Methylene Chloride
Concen: 18.164 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Tgt Ion: 84 Resp: 48537
Ion Ratio Lower Upper
84 100
49 141.7 120.0 180.0
51 42.8 37.0 55.6
86 65.3 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.765 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

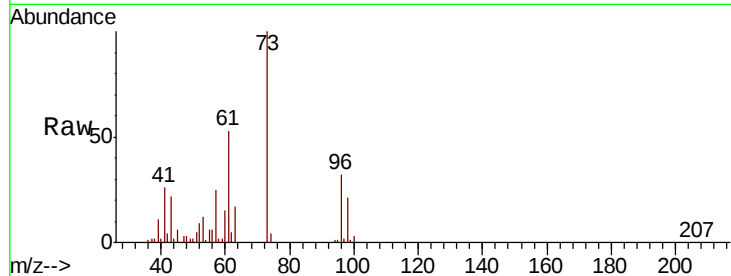
Tot Ion: 96 Resp: 39934

Ion Ratio Lower Upper

96 100

61 166.6 133.5 200.3

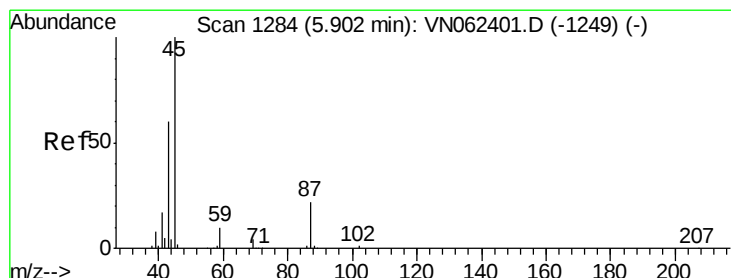
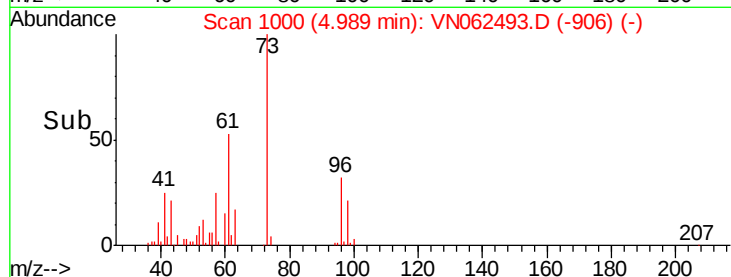
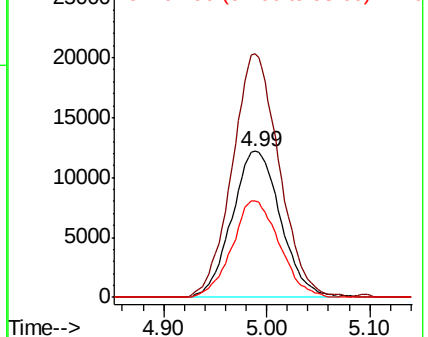
98 66.1 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VN062493.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062493.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062493.D (-906) (-)



#22

Diisopropyl ether

Concen: 19.651 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Tgt Ion: 45 Resp: 179361

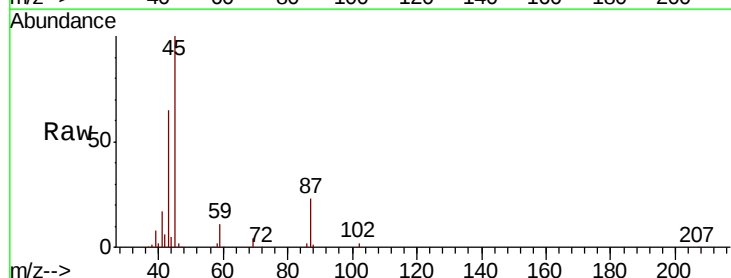
Ion Ratio Lower Upper

45 100

43 63.2 50.1 75.1

87 22.9 18.2 27.4

59 10.8 8.2 12.2

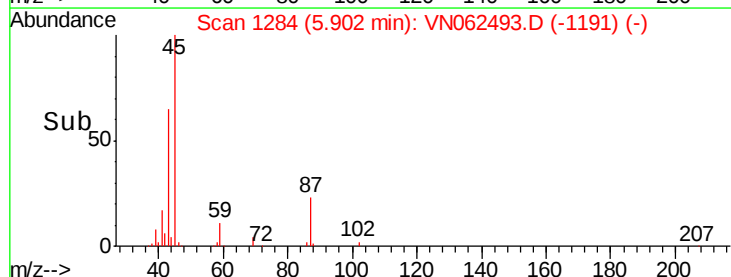
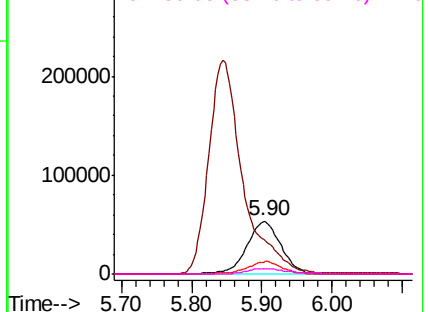


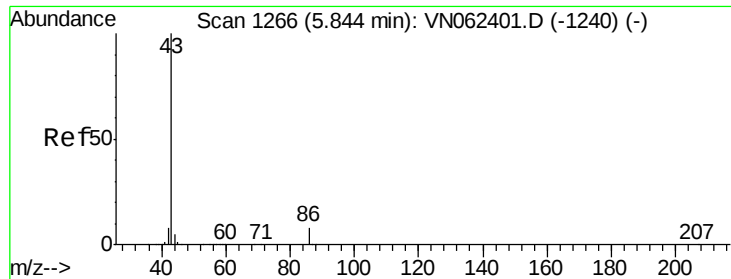
Abundance Ion 45.00 (44.70 to 45.70): VN062493.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062493.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062493.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062493.D (-1191) (-)

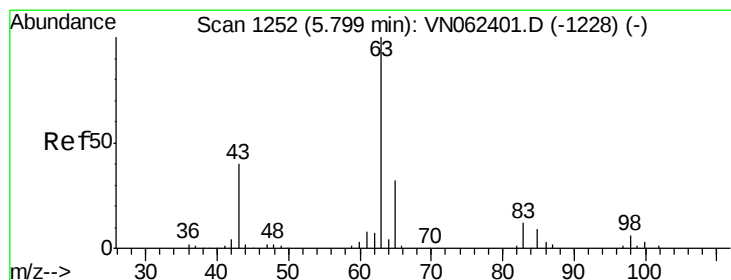
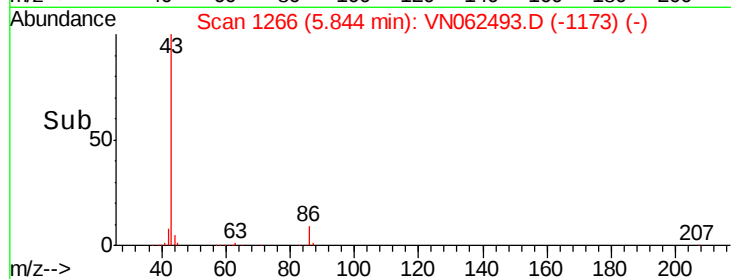
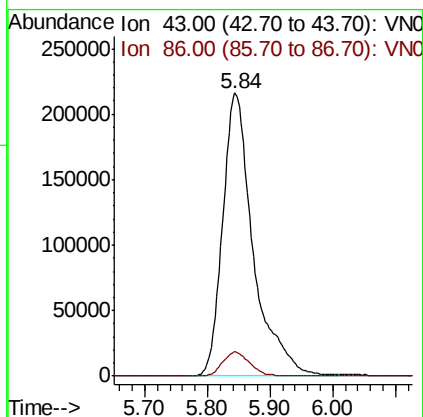
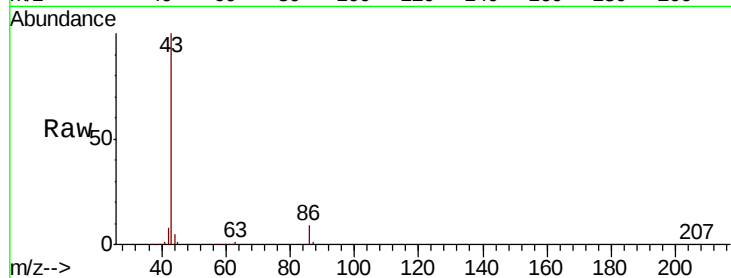




#23
 Vinyl Acetate
 Concen: 96.745 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

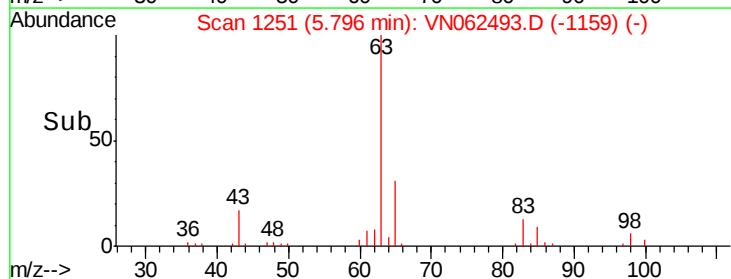
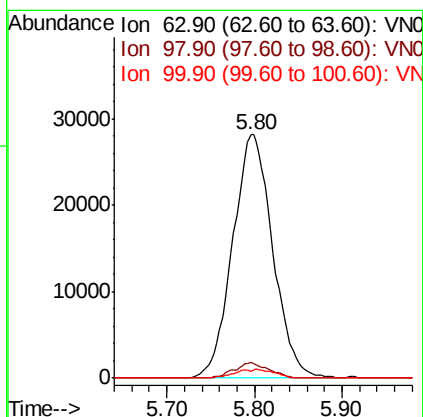
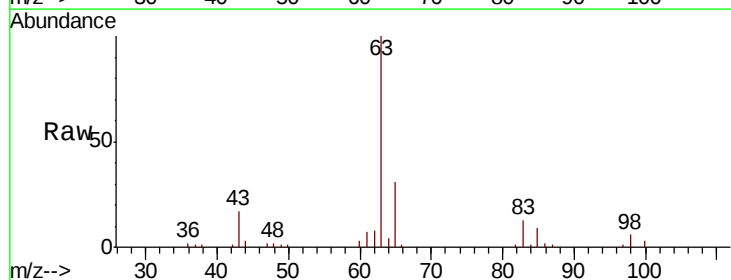
Instrument :
 MSVOA_N
 ClientSampleId :

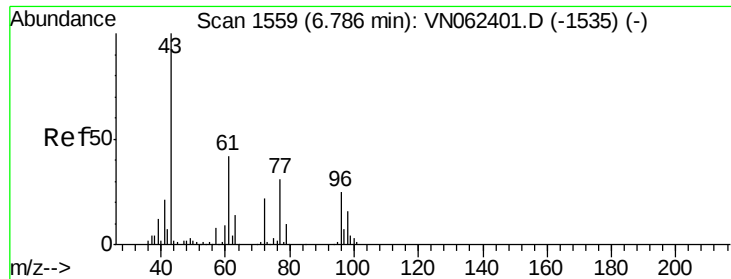
Tot Ion: 43 Resp: 731484
 Ion Ratio Lower Upper
 43 100
 86 8.6 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 18.952 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Tgt Ion: 63 Resp: 89386
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.8
 100 3.0 1.8 5.3

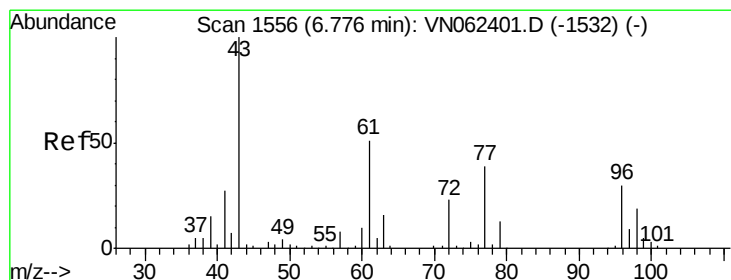
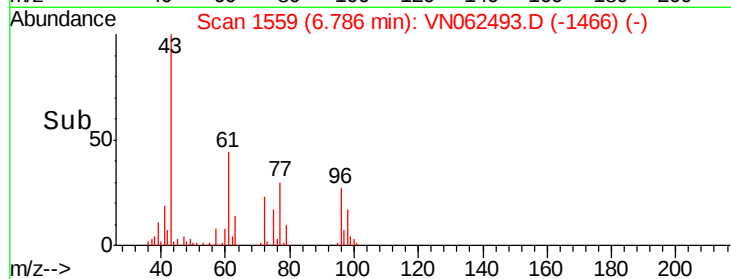
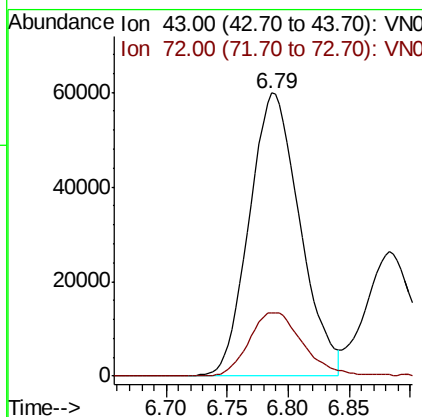
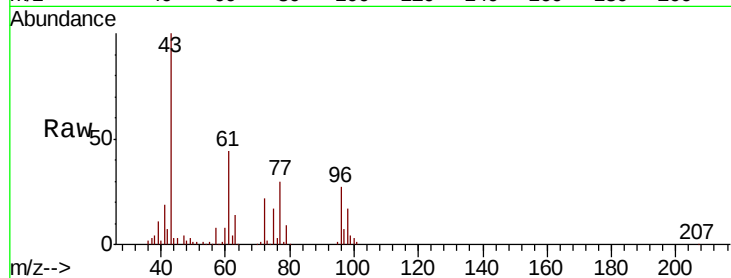




#25
2-Butanone
Concen: 94.569 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

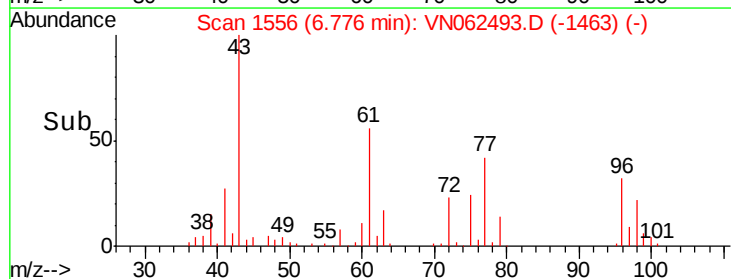
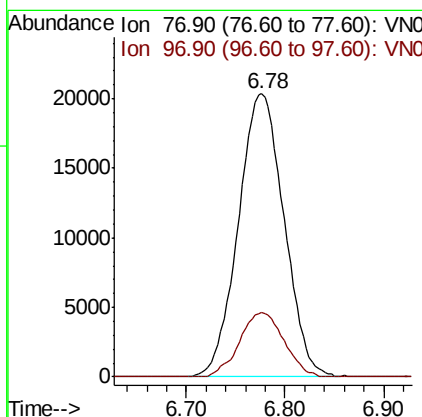
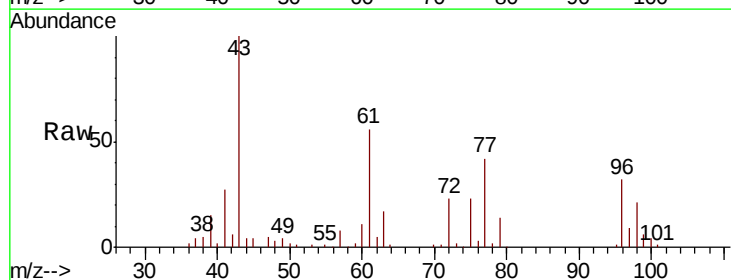
Instrument :
MSVOA_N
ClientSampleId :

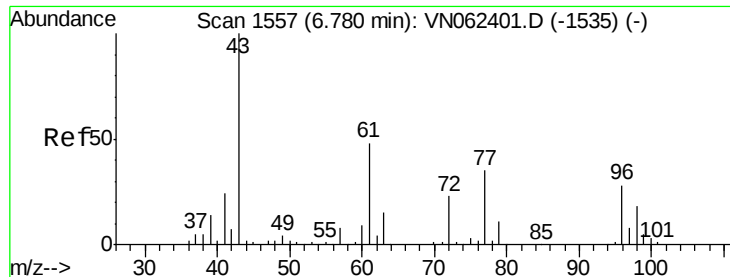
Tot Ion: 43 Resp: 172607
Ion Ratio Lower Upper
43 100
72 22.5 17.9 26.9



#26
2,2-Dichloropropane
Concen: 18.070 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Tgt Ion: 77 Resp: 65347
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.534 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :
MSVOA_N
ClientSampled :

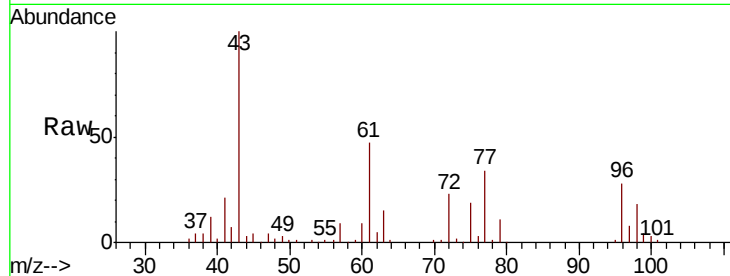
Tot Ion: 96 Resp: 48149

Ion Ratio Lower Upper

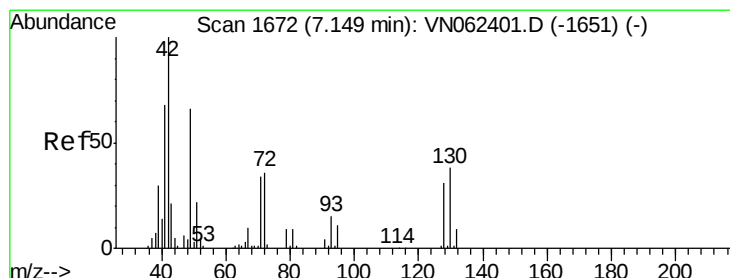
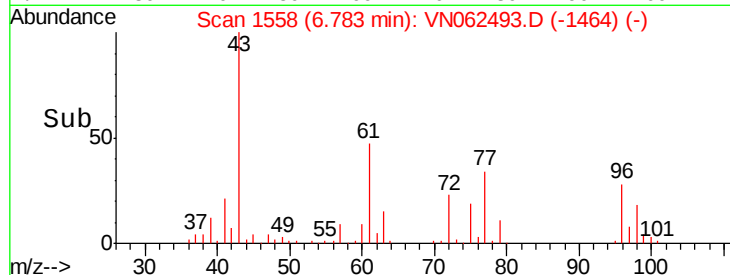
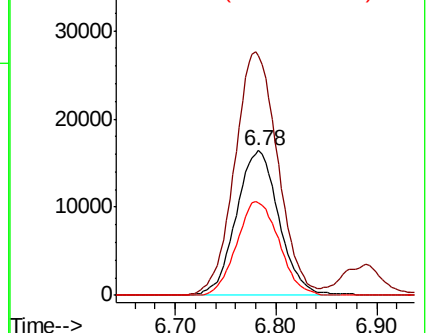
96 100

61 169.9 0.0 343.4

98 64.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.732 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

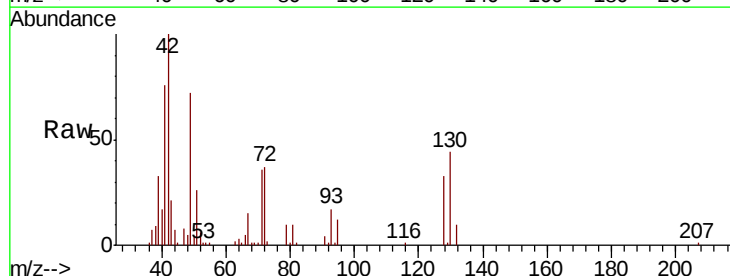
Tgt Ion: 49 Resp: 47999

Ion Ratio Lower Upper

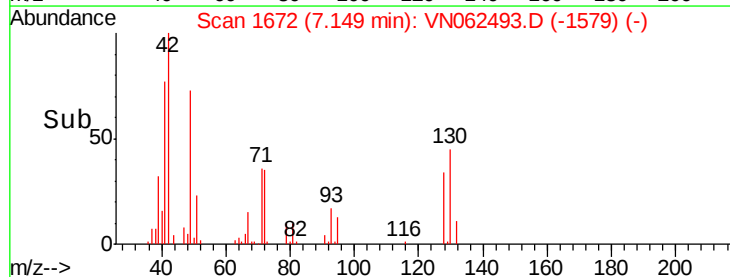
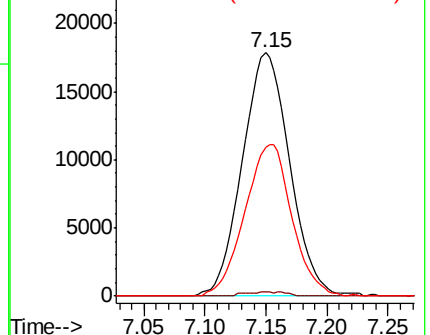
49 100

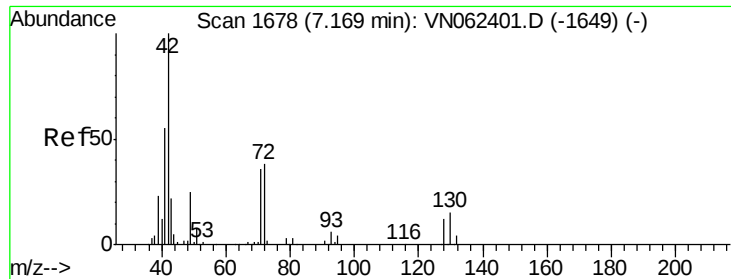
129 1.0 0.0 2.8

130 61.9 46.5 69.7



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

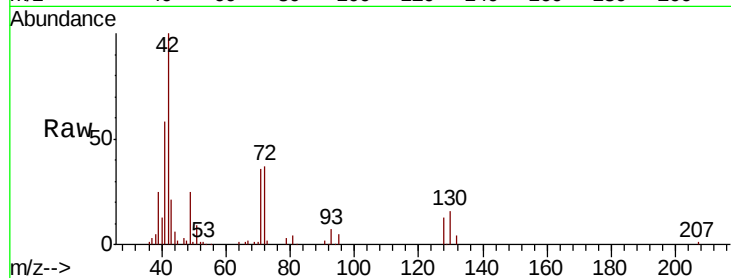




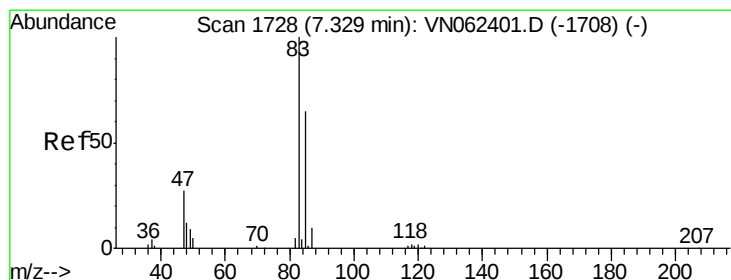
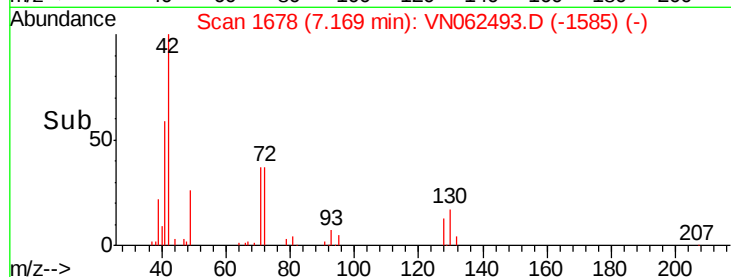
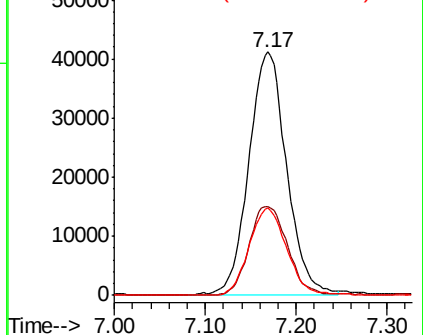
#29
Tetrahydrofuran
Concen: 97.069 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 119280
Ion Ratio Lower Upper
42 100
72 37.5 29.1 43.7
71 35.6 28.1 42.1

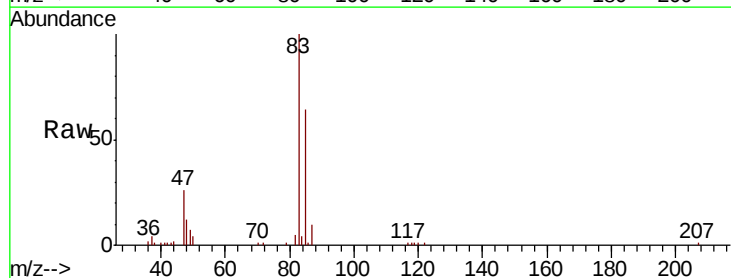


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

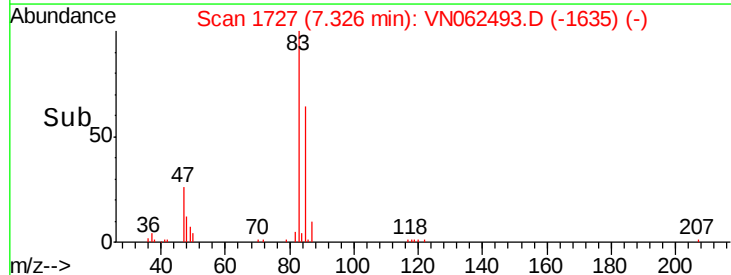
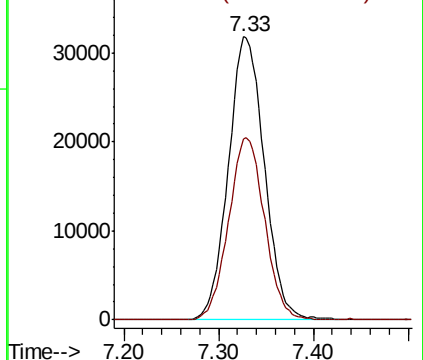


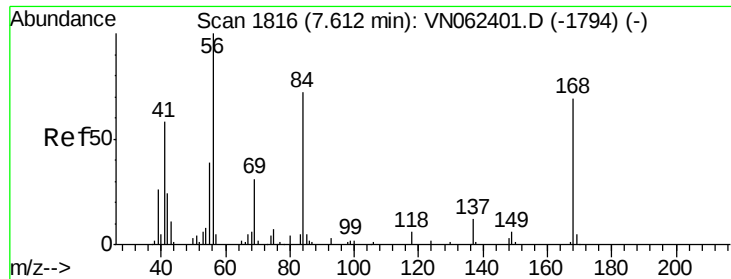
#30
Chloroform
Concen: 19.776 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Tgt Ion: 83 Resp: 84216
Ion Ratio Lower Upper
83 100
85 63.7 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: 17.295 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :
MSVOA_N
ClientSampled :

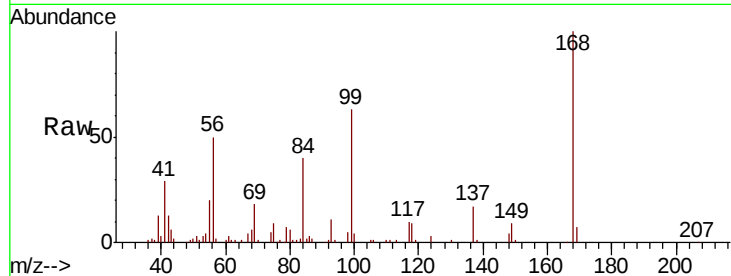
Tot Ion: 56 Resp: 77332

Ion Ratio Lower Upper

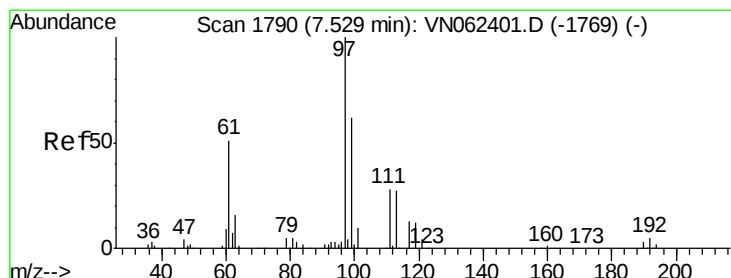
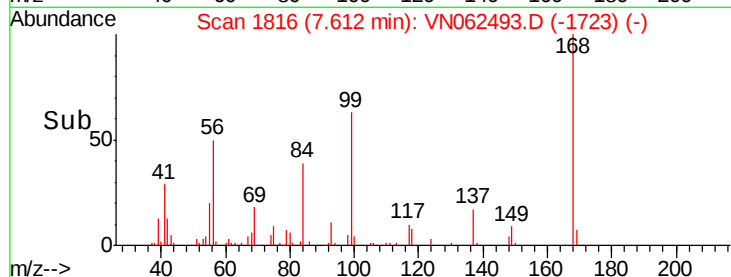
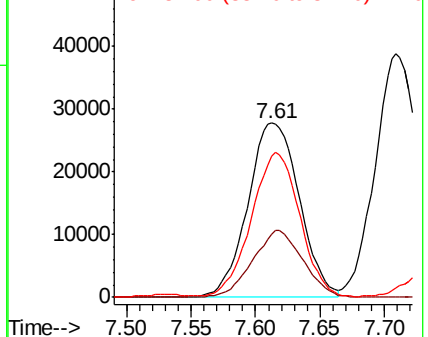
56 100

69 36.0 24.5 36.7

84 80.0 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.226 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

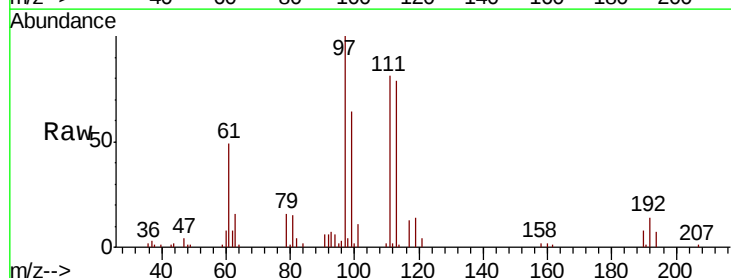
Tgt Ion: 97 Resp: 68105

Ion Ratio Lower Upper

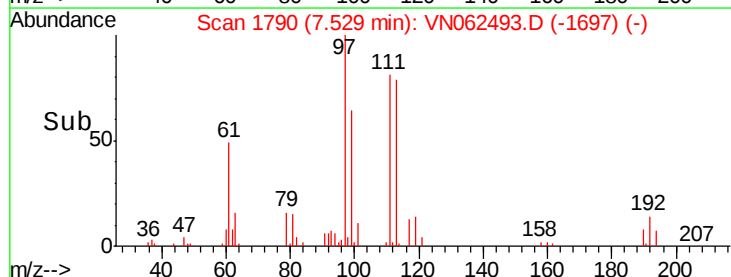
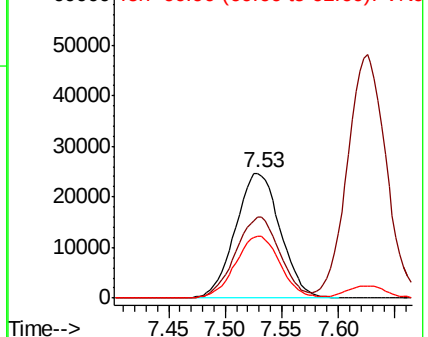
97 100

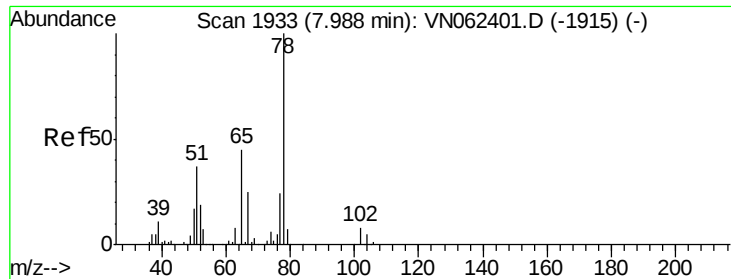
99 64.5 50.4 75.6

61 49.5 39.9 59.9



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

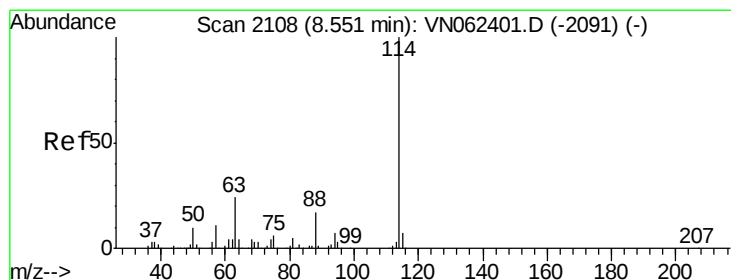
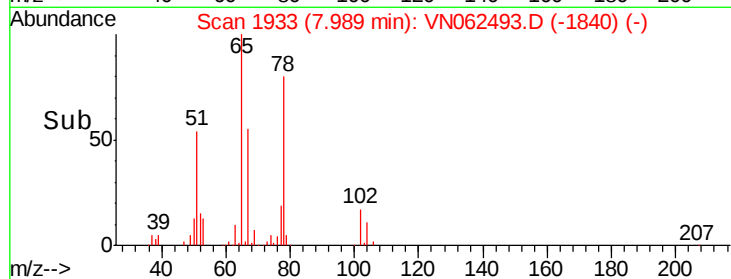
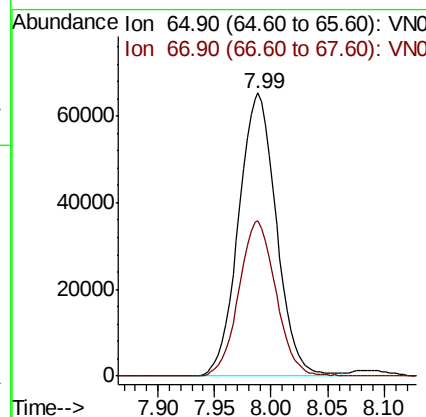
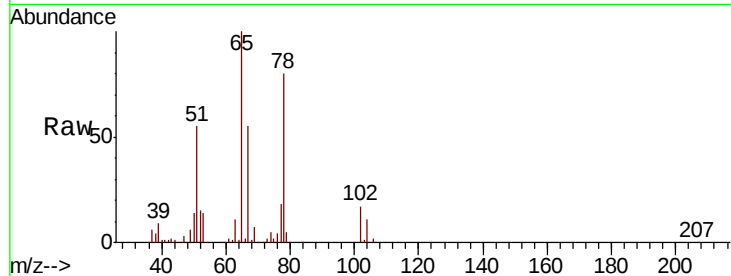




#33
 1,2-Dichloroethane-d4
 Concen: 51.526 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

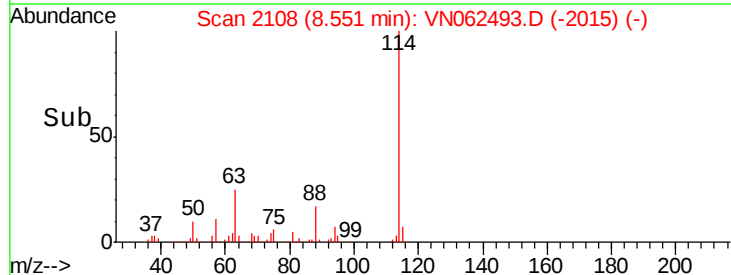
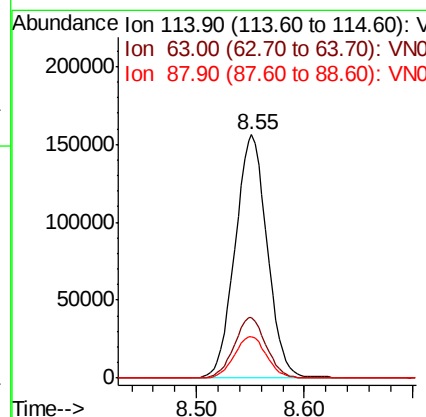
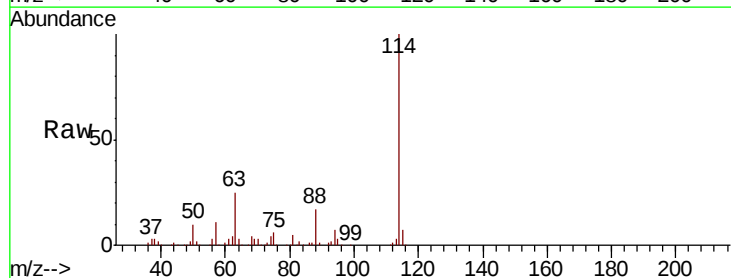
Instrument :
 MSVOA_N
 ClientSampleId :

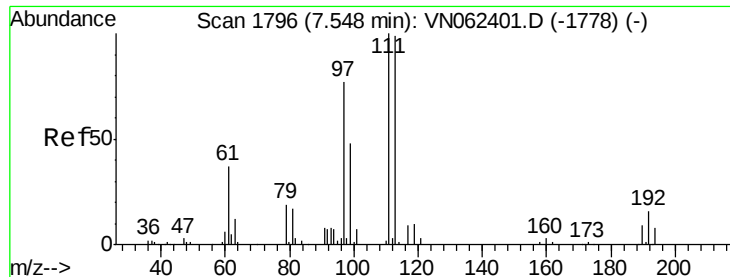
Tot Ion: 65 Resp: 151675
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Tgt Ion: 114 Resp: 323754
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 48.4
 88 17.1 0.0 33.8

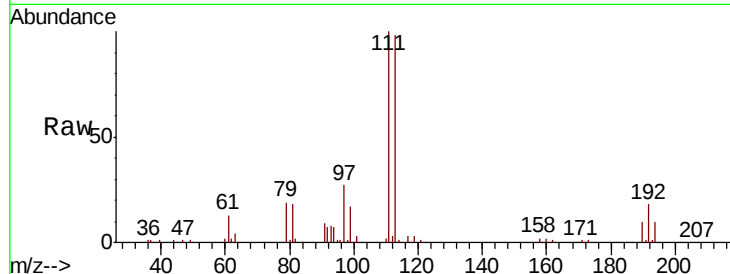




#35
 Dibromofluoromethane
 Concen: 54.015 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.1	124.7
192	18.4	14.1	21.1

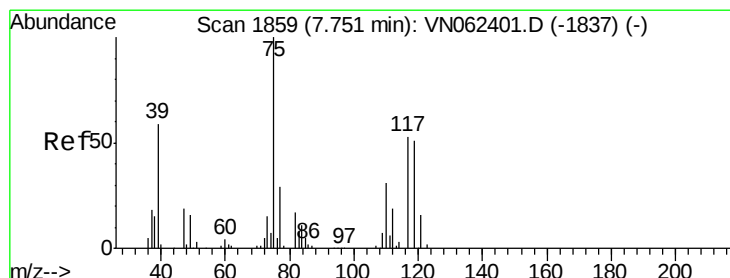
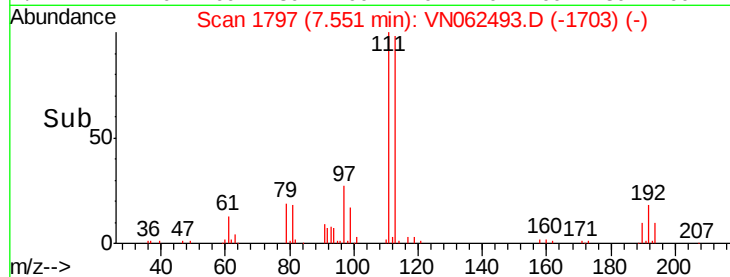
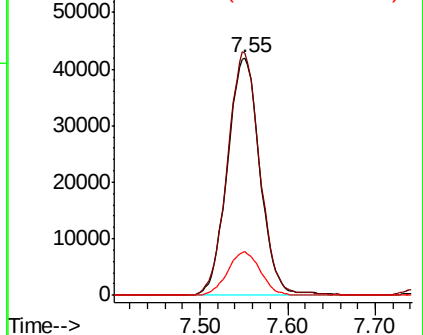


Abundance

Ion 112.80 (112.50 to 113.50): V

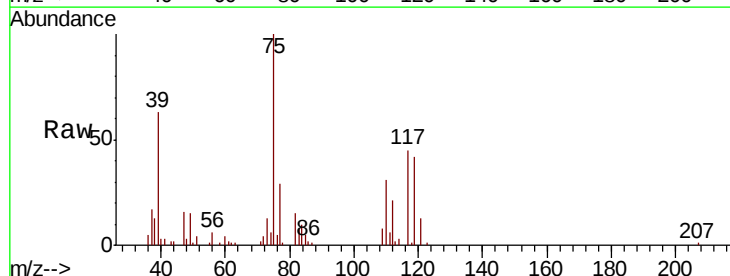
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 18.561 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.5	15.4	46.2
77	29.6	24.1	36.1

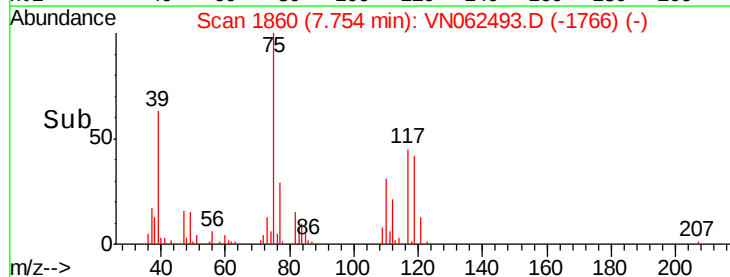
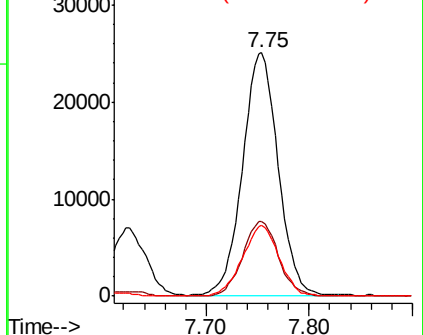


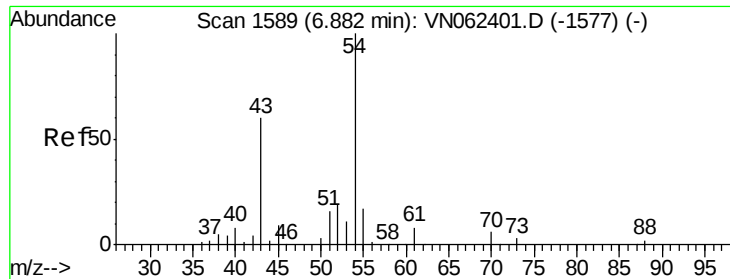
Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

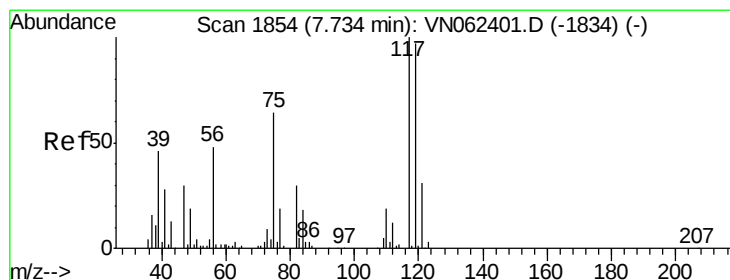
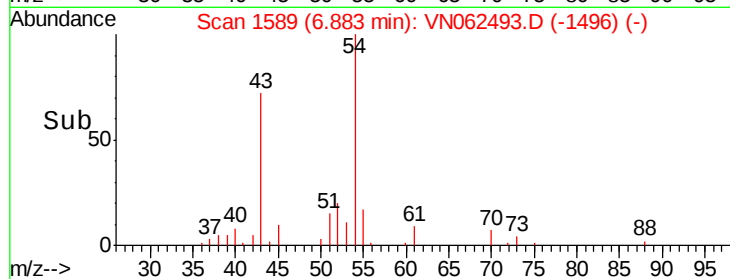
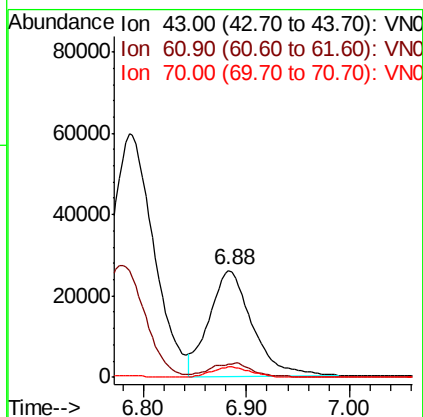
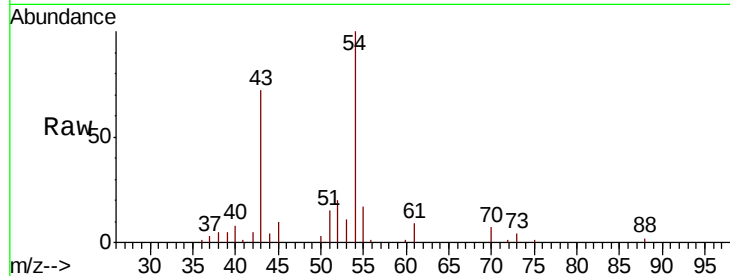




#37
Ethyl Acetate
Concen: 19.688 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

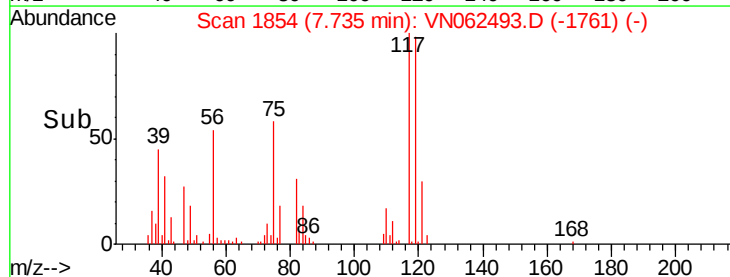
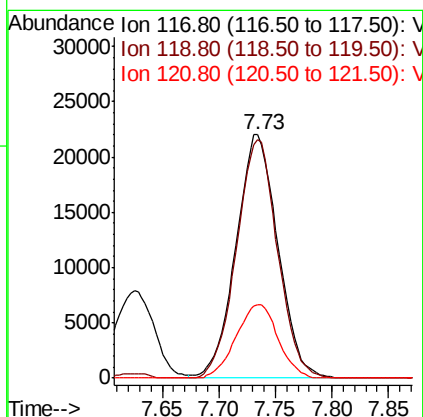
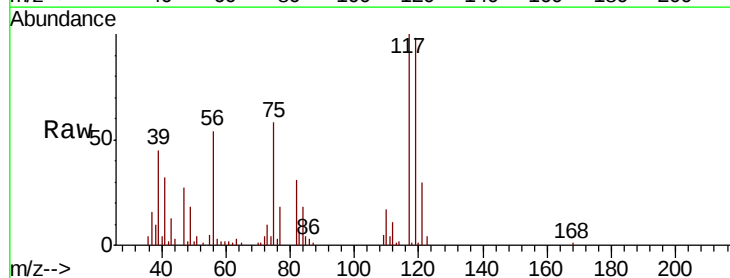
Instrument :
MSVOA_N
ClientSampled :

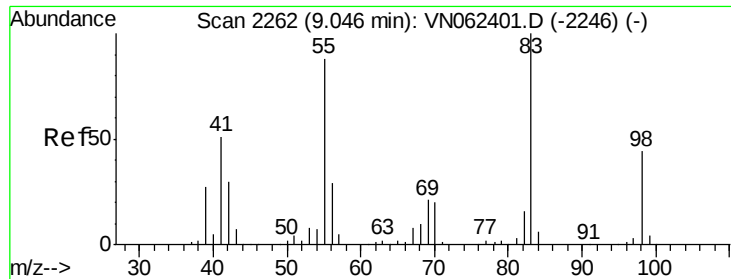
Tot Ion: 43 Resp: 75092
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 8.9 7.2 10.8



#38
Carbon Tetrachloride
Concen: 19.389 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Tgt Ion: 117 Resp: 56859
Ion Ratio Lower Upper
117 100
119 98.0 77.2 115.8
121 30.2 24.8 37.2

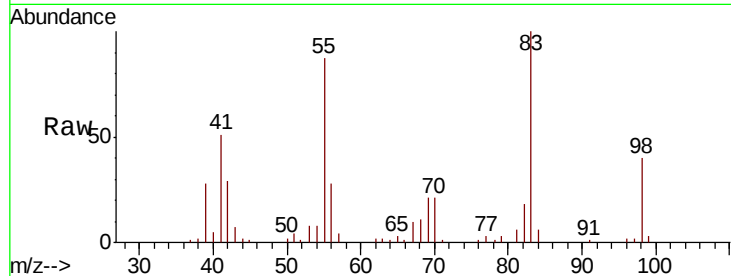




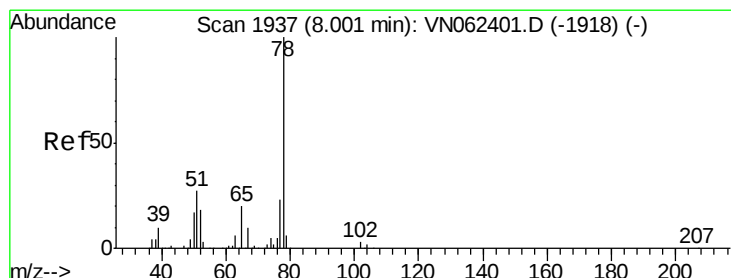
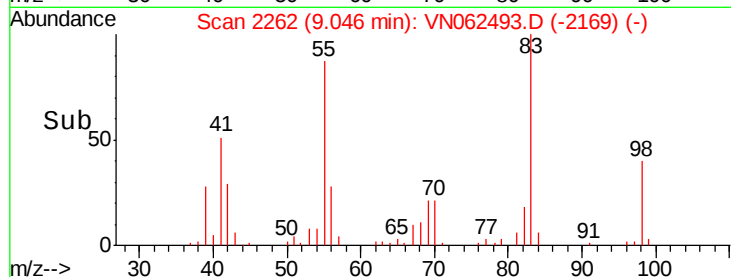
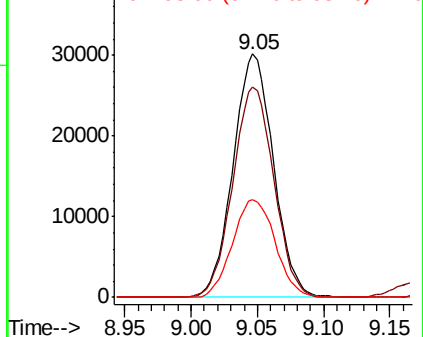
#39
Methvlcvclohexane
Concen: 18.266 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 63607
Ion Ratio Lower Upper
83 100
55 86.5 70.5 105.7
98 40.3 35.5 53.3

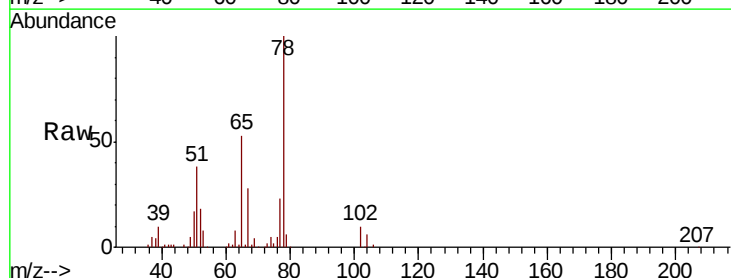


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

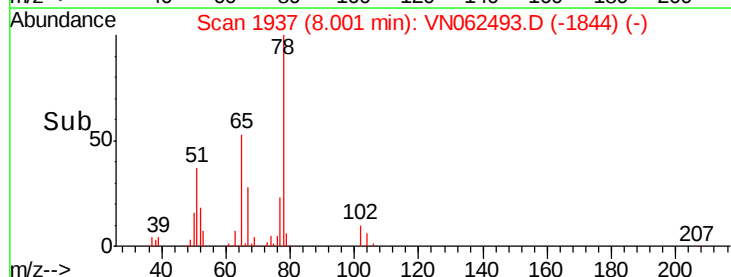
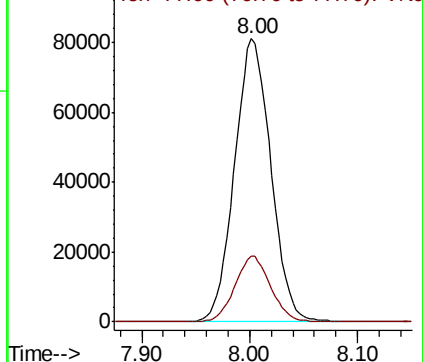


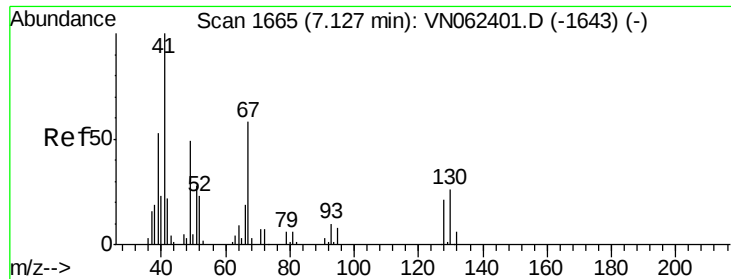
#40
Benzene
Concen: 19.700 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Tgt Ion: 78 Resp: 189376
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1



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

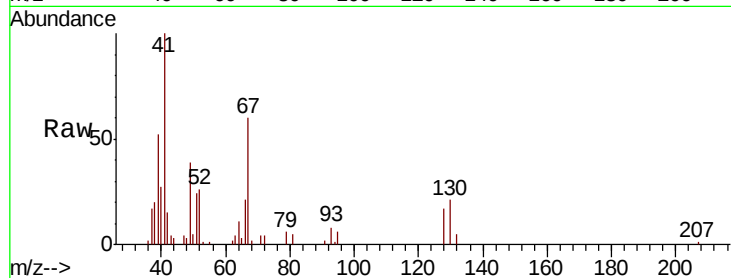




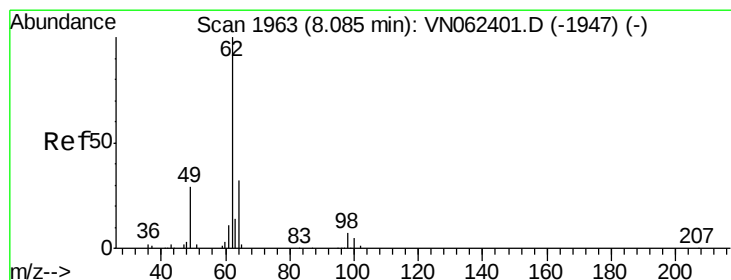
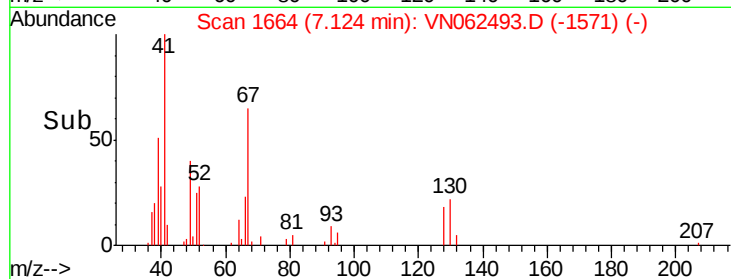
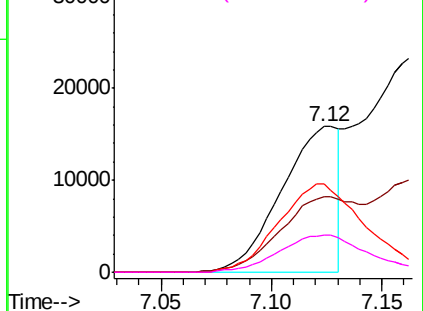
#41
Methacrylonitrile
Concen: 17.887 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 28504
Ion Ratio Lower Upper
41 100
39 73.3 50.2 75.2
67 93.0 64.2 96.2
52 40.1 28.0 42.0

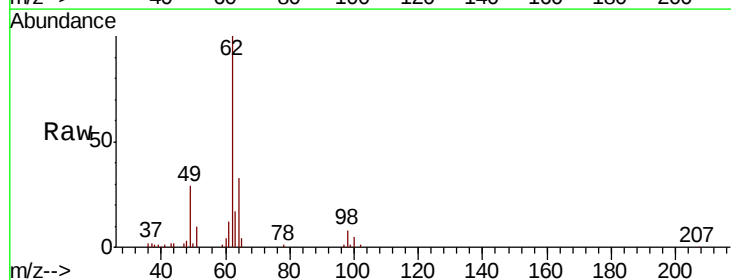


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

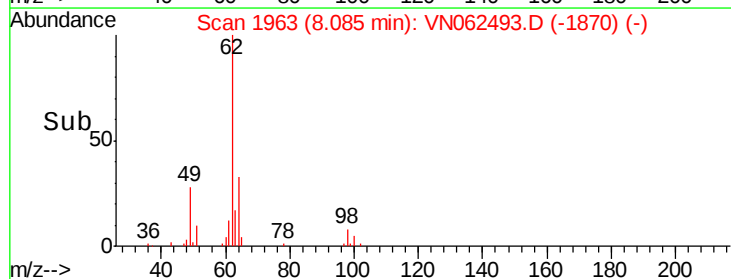
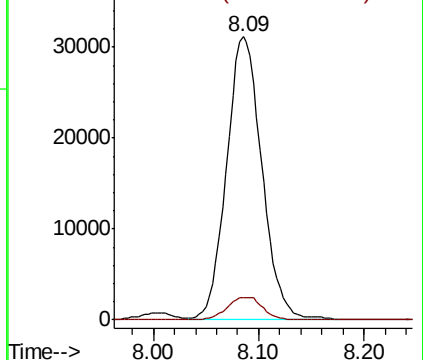


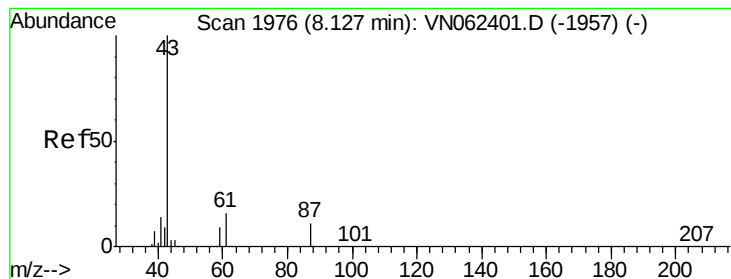
#42
1,2-Dichloroethane
Concen: 20.596 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Tgt Ion: 62 Resp: 72496
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8



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





#43

Isopropyl Acetate

Concen: 19.620 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

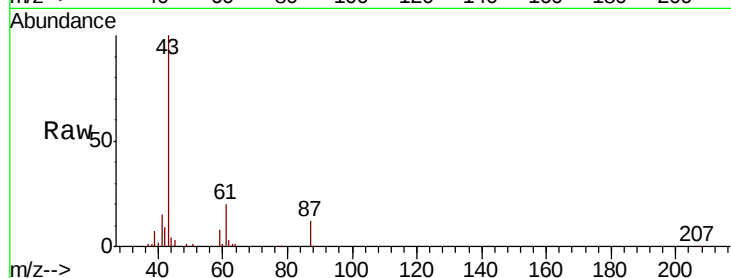
Tot Ion: 43 Resp: 118215

Ion Ratio Lower Upper

43 100

61 20.0 19.3 28.9

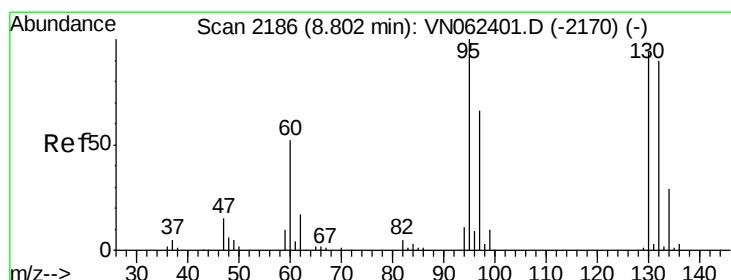
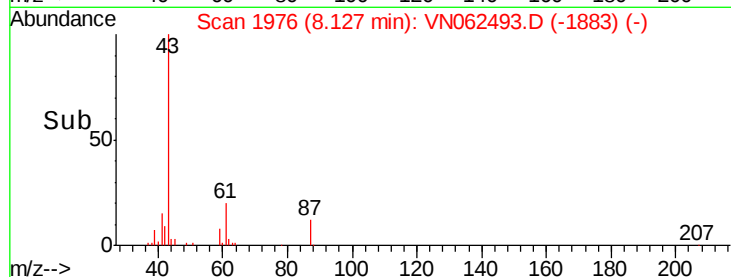
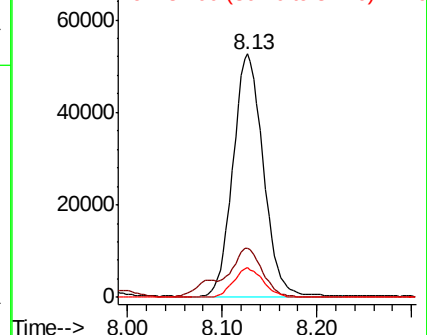
87 11.5 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)



#44

Trichloroethene

Concen: 19.429 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062493.D

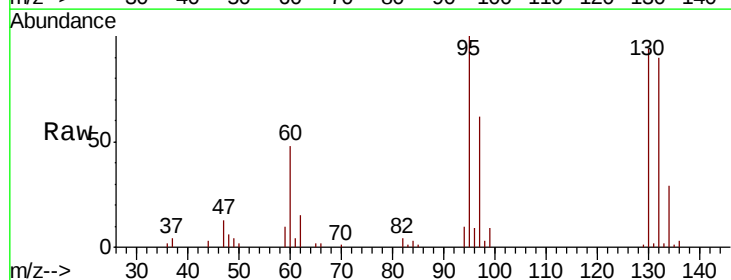
Acq: 10 Jul 2020 15:07

Tgt Ion: 130 Resp: 41441

Ion Ratio Lower Upper

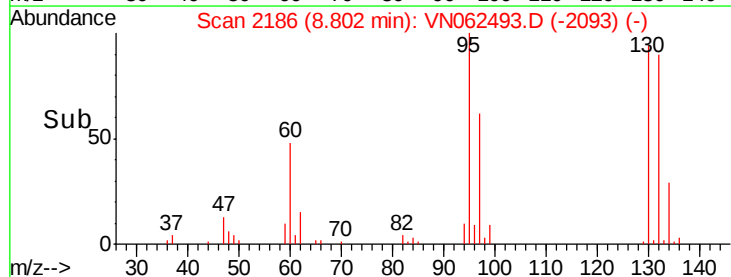
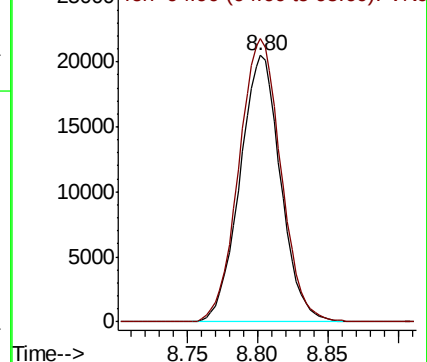
130 100

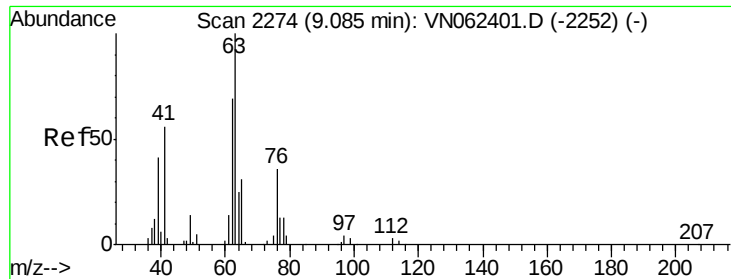
95 106.3 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062401.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062401.D (-2170) (-)

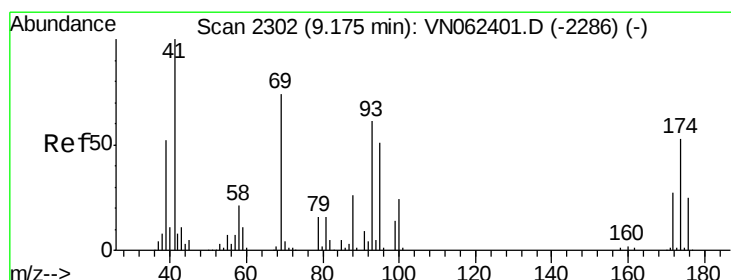
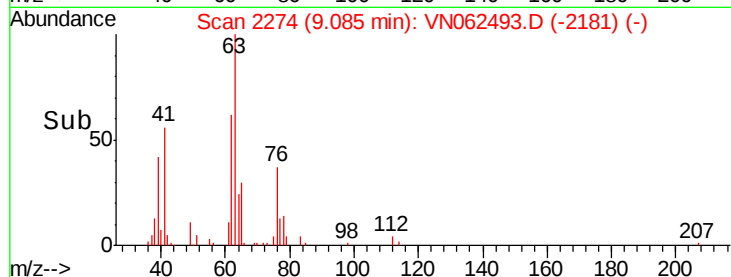
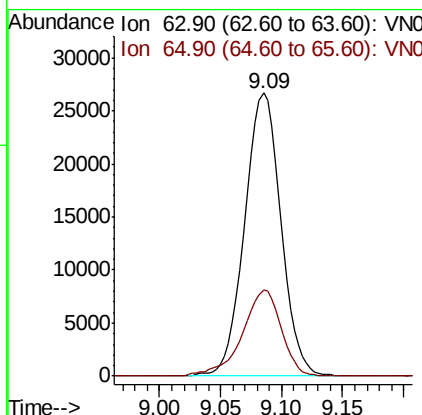
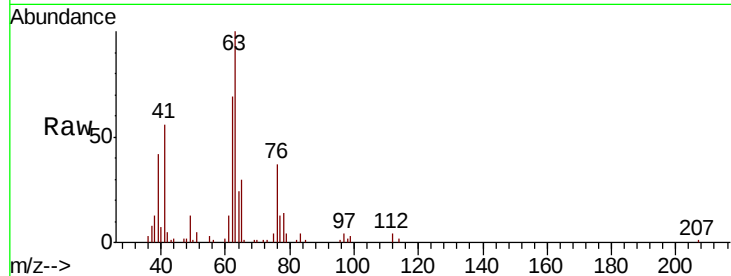




#45
 1,2-Dichloropropane
 Concen: 19.649 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

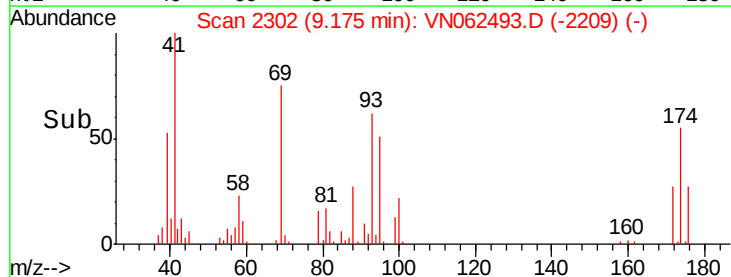
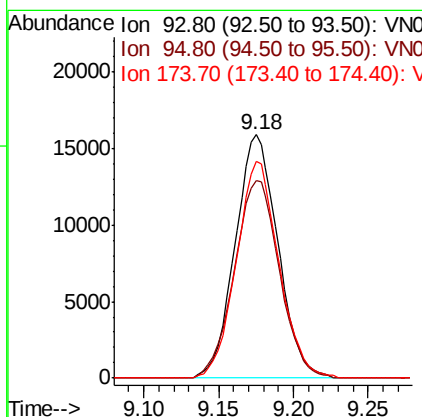
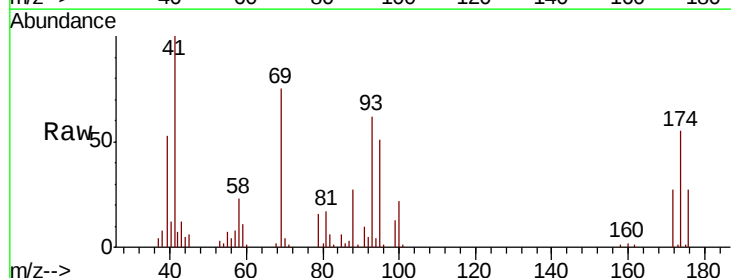
Instrument :
 MSVOA_N
 ClientSampleId :

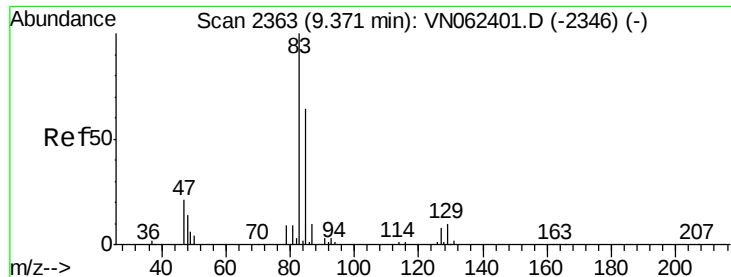
Tot Ion: 63 Resp: 54834
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 36.8



#46
 Dibromomethane
 Concen: 20.094 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Tgt Ion: 93 Resp: 31645
 Ion Ratio Lower Upper
 93 100
 95 85.5 67.1 100.7
 174 88.5 70.4 105.6

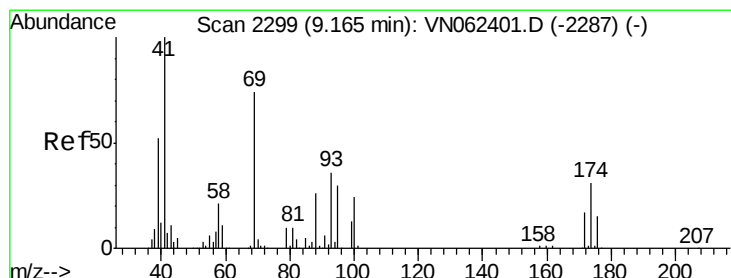
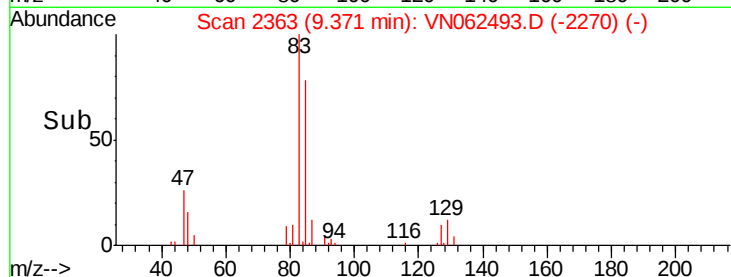
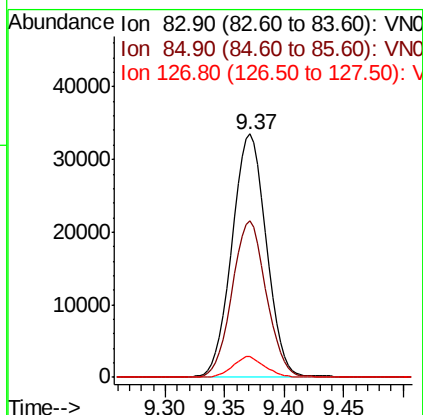
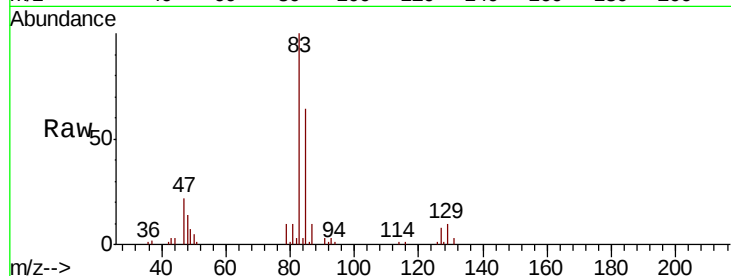




#47
Bromodichloromethane
Concen: 19.993 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

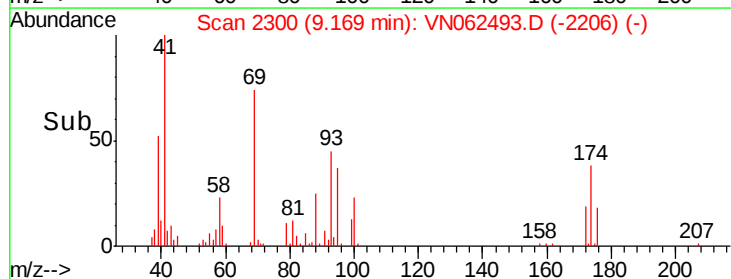
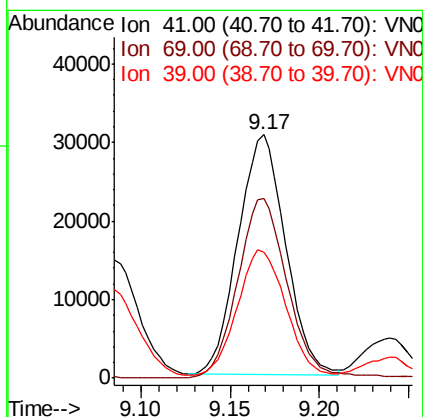
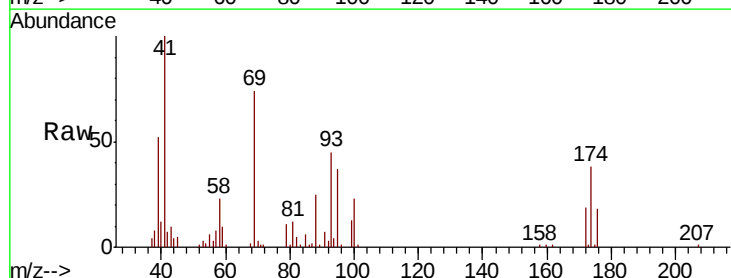
Instrument :
MSVOA_N
ClientSampleId :

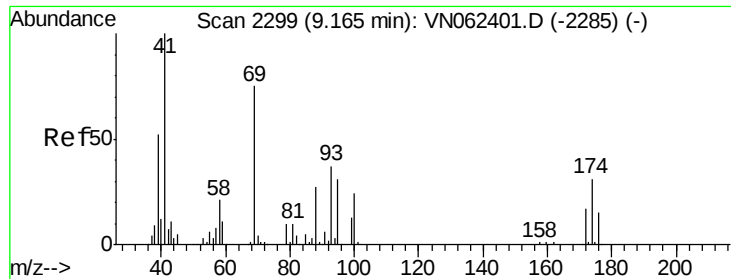
Tot Ion: 83 Resp: 67317
Ion Ratio Lower Upper
83 100
85 64.1 51.2 76.8
127 8.5 6.2 9.2



#48
Methyl methacrylate
Concen: 19.231 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Tgt Ion: 41 Resp: 56838
Ion Ratio Lower Upper
41 100
69 78.5 60.8 91.2
39 54.9 43.5 65.3

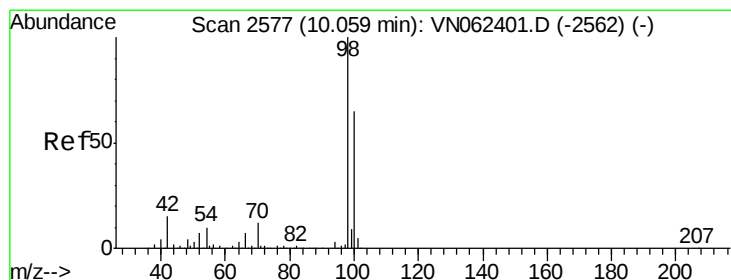
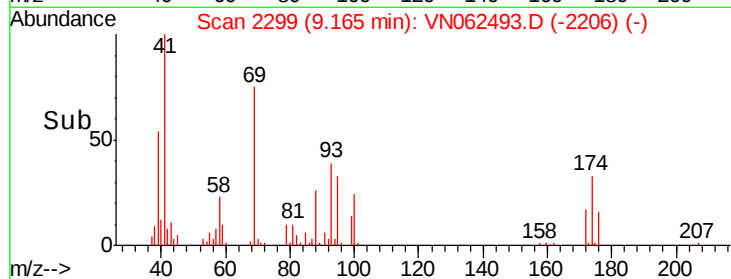
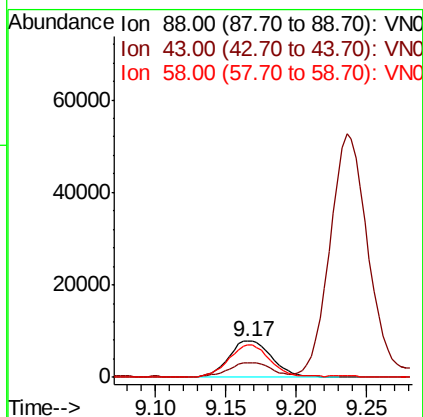
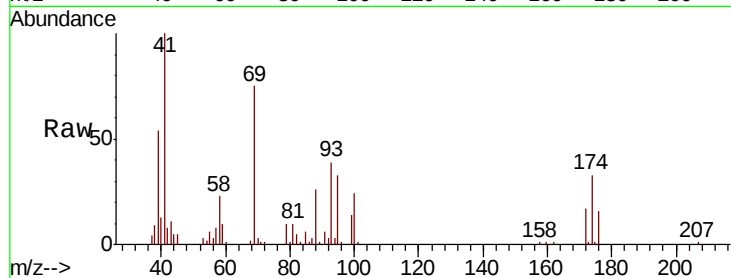




#49
1,4-Dioxane
Concen: 394.557 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

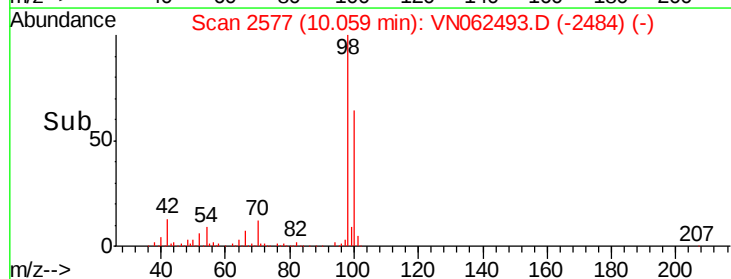
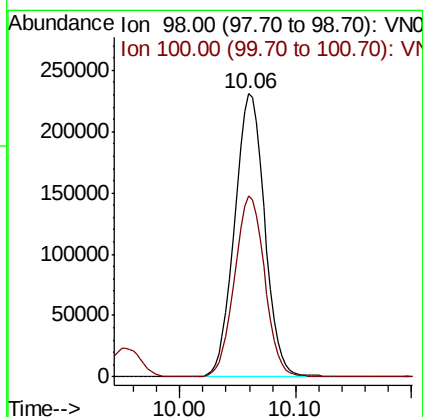
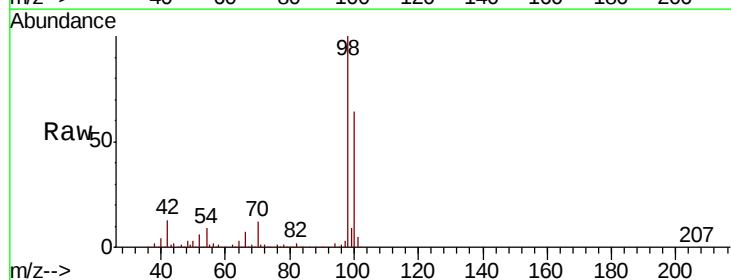
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 16973
Ion Ratio Lower Upper
88 100
43 41.6 31.0 46.4
58 85.6 63.3 94.9



#50
Toluene-d8
Concen: 52.507 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Tgt Ion: 98 Resp: 414824
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 102.839 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

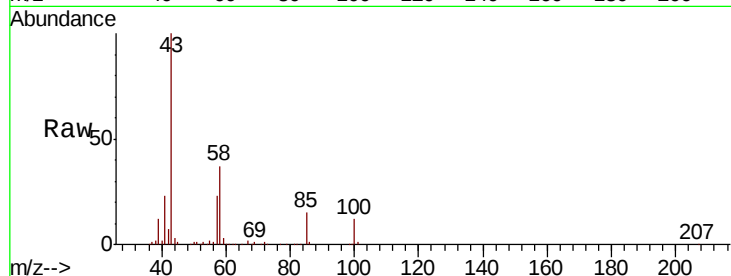
ClientSampled :

Tot Ion: 43 Resp: 370086

Ion Ratio Lower Upper

43 100

58 36.6 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN062401.D (-2527) (-)

9.95

200000

150000

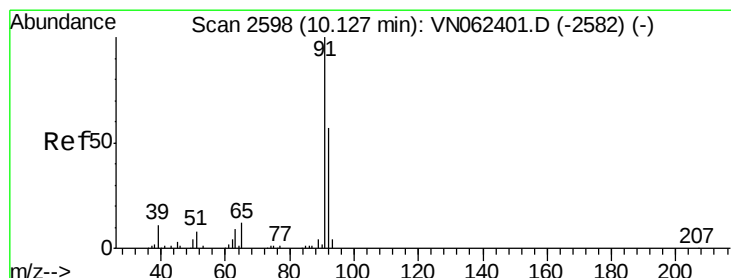
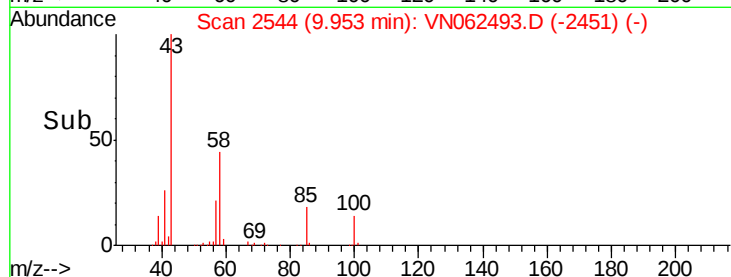
100000

50000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 19.798 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062493.D

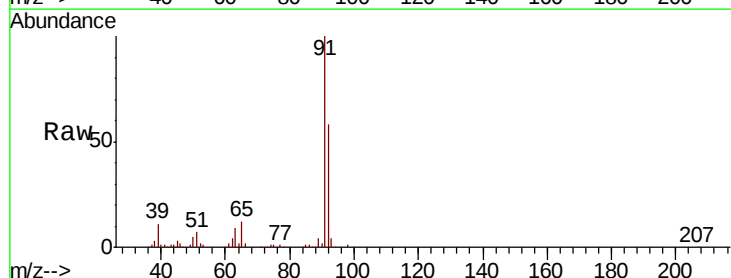
Acq: 10 Jul 2020 15:07

Tgt Ion: 92 Resp: 109931

Ion Ratio Lower Upper

92 100

91 176.3 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN062493.D (-2505) (-)

Ion 91.00 (90.70 to 91.70): VN062493.D (-2505) (-)

10.12

120000

100000

80000

60000

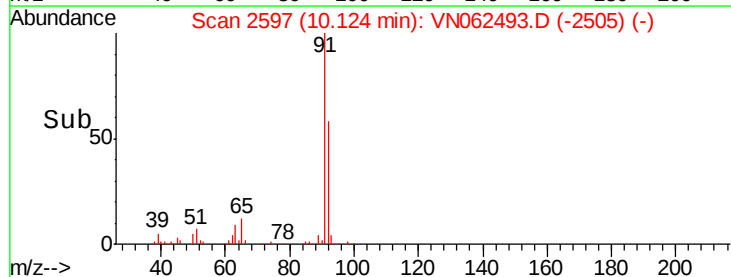
40000

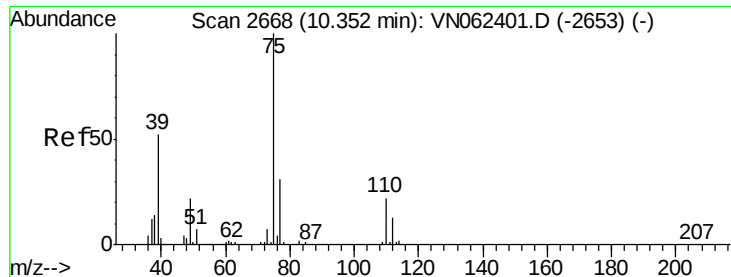
20000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.795 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

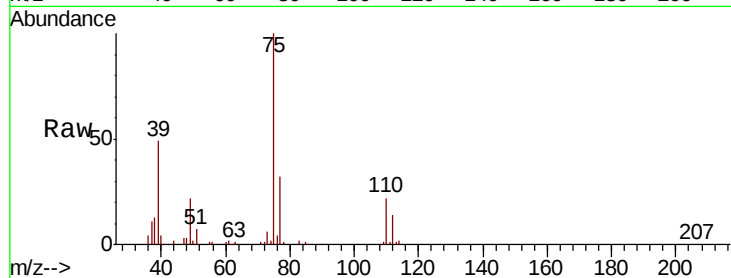
ClientSampleId :

Tot Ion: 75 Resp: 74670

Ion Ratio Lower Upper

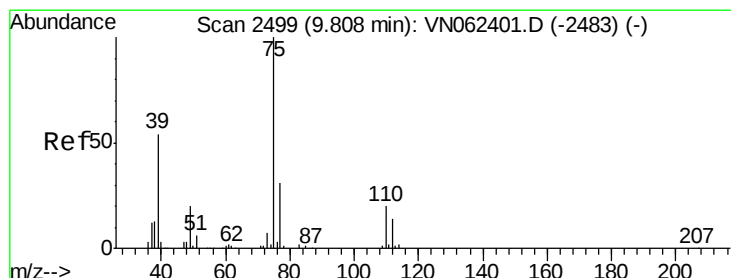
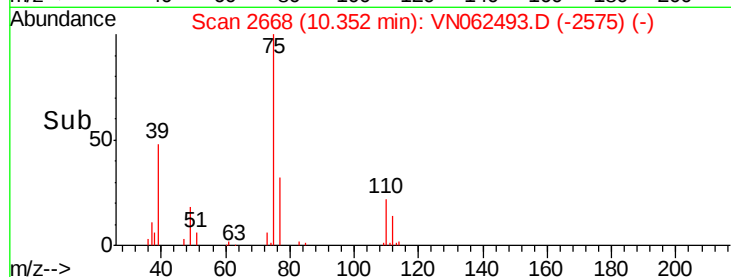
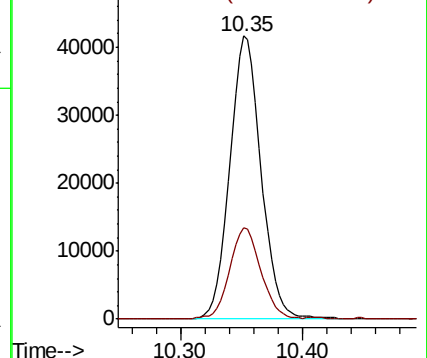
75 100

77 32.4 25.2 37.8



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: 19.743 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

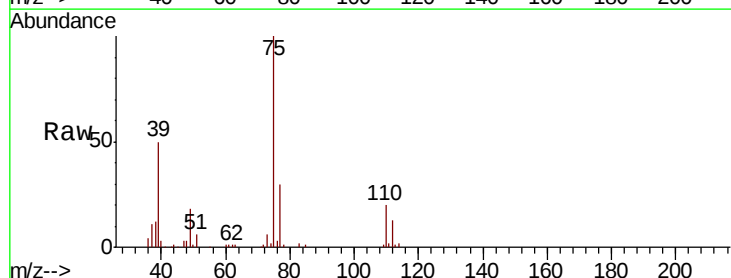
Tgt Ion: 75 Resp: 82172

Ion Ratio Lower Upper

75 100

77 30.4 24.5 36.7

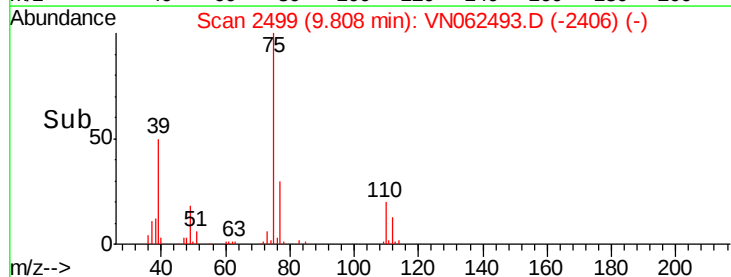
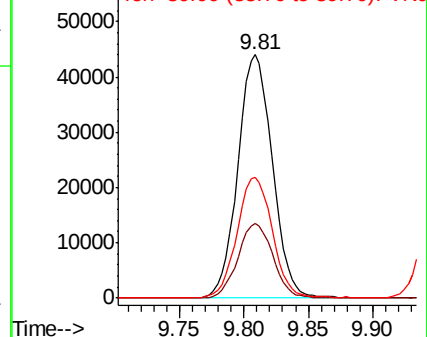
39 49.8 43.4 65.0

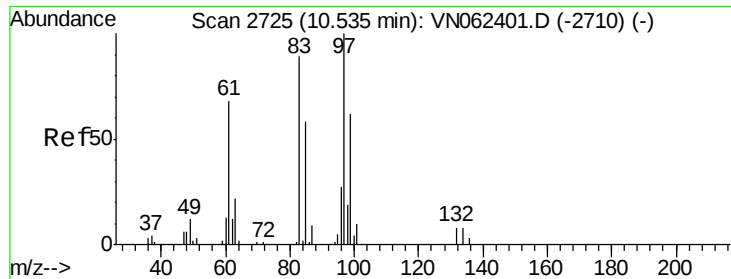


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 21.047 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 45964

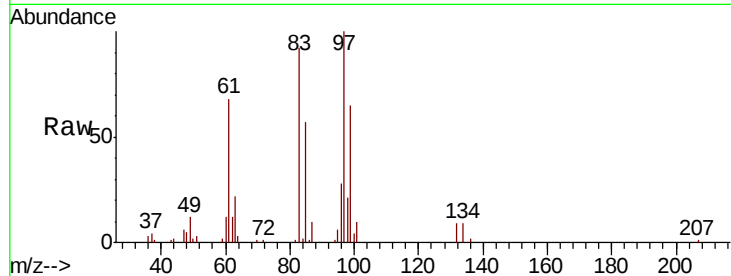
Ion Ratio Lower Upper

97 100

83 92.4 71.0 106.4

85 57.3 46.2 69.4

99 65.0 49.7 74.5

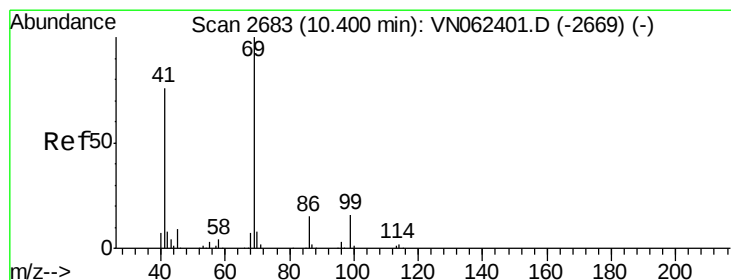
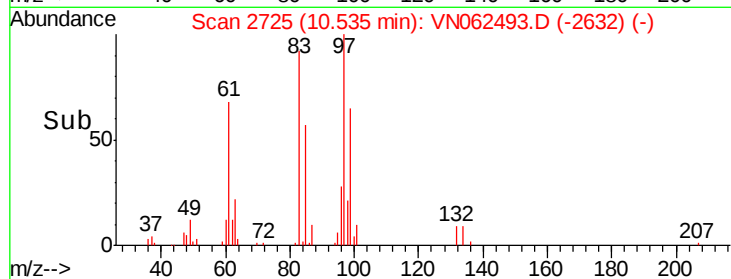
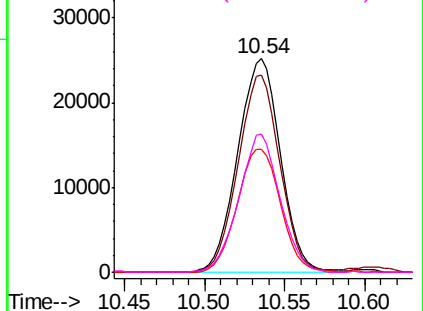


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 19.505 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

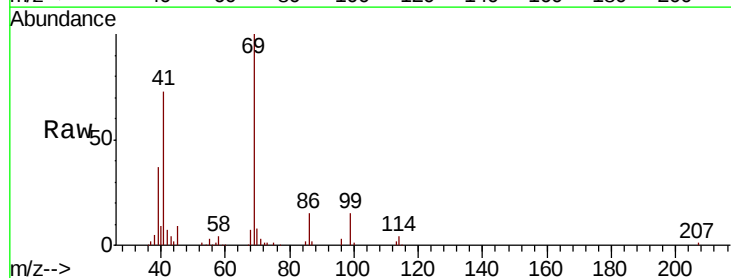
Tgt Ion: 69 Resp: 74047

Ion Ratio Lower Upper

69 100

41 75.3 59.7 89.5

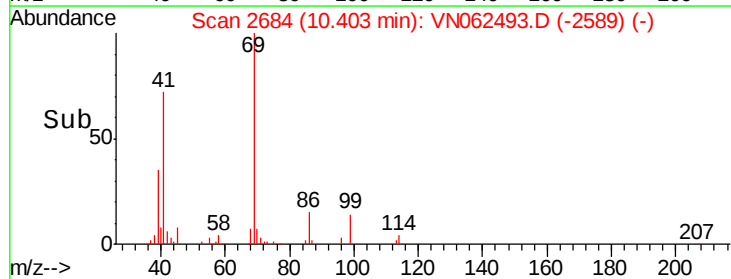
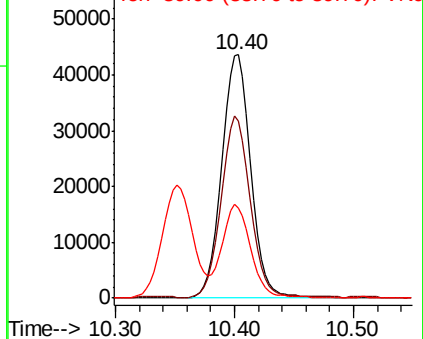
39 37.6 30.6 45.8

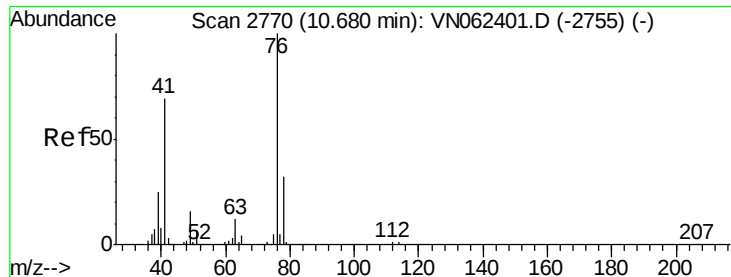


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

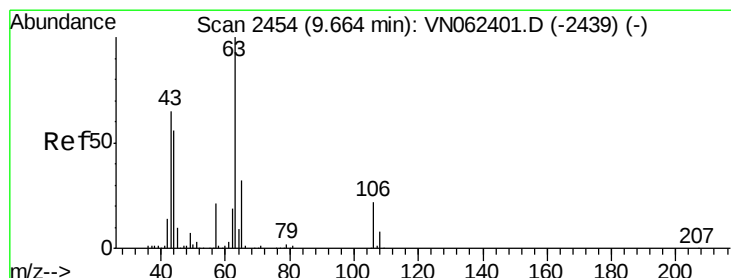
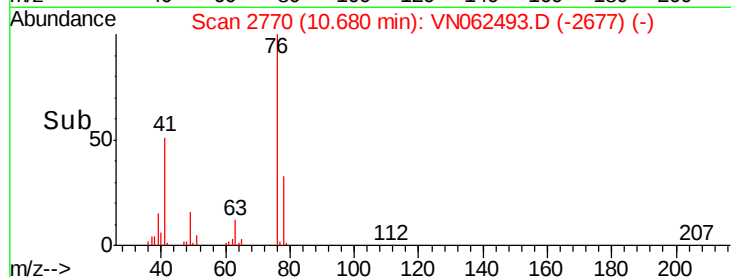
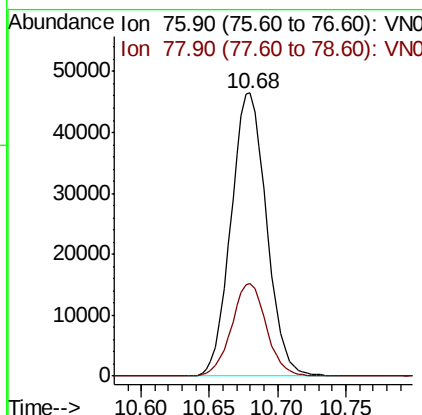
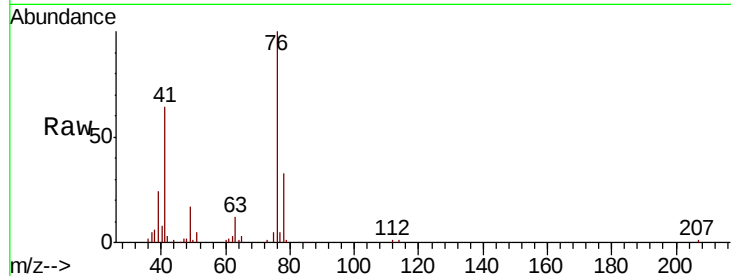




#57
 1,3-Dichloropropane
 Concen: 20.832 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

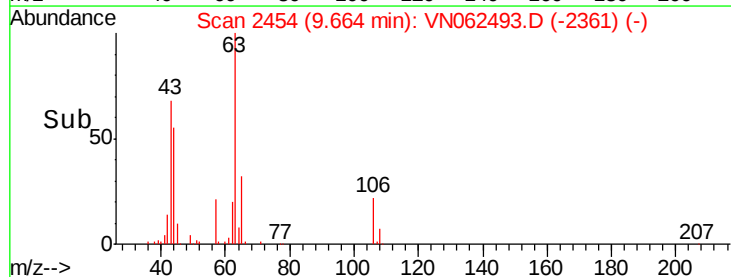
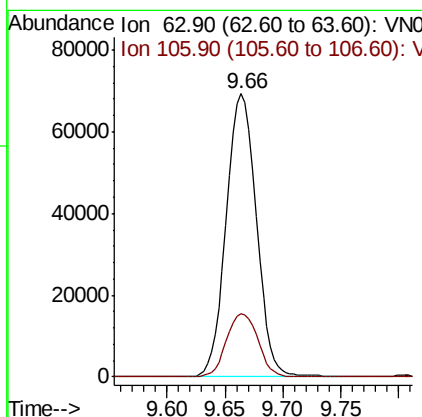
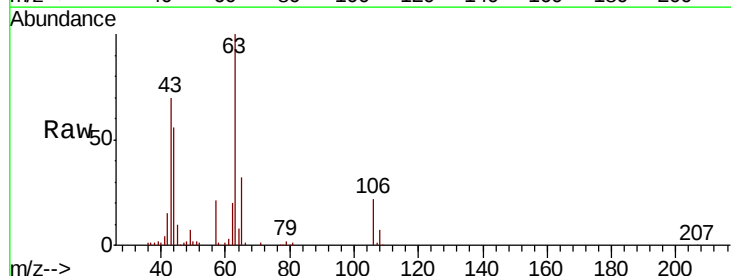
Instrument :
 MSVOA_N
 ClientSampled :

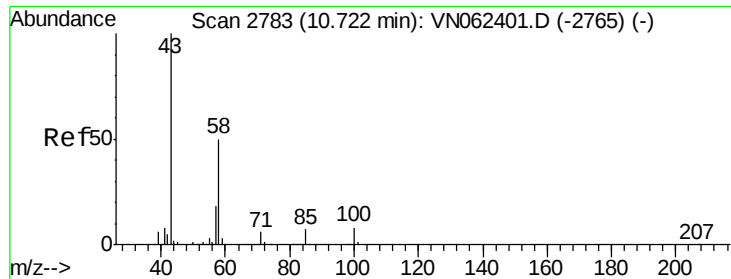
Tot Ion: 76 Resp: 84051
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.382 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Tgt Ion: 63 Resp: 124875
 Ion Ratio Lower Upper
 63 100
 106 23.2 17.6 26.4

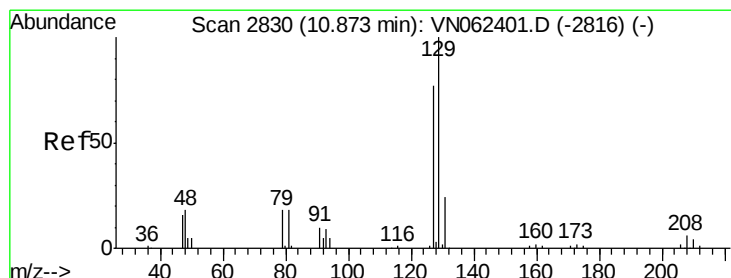
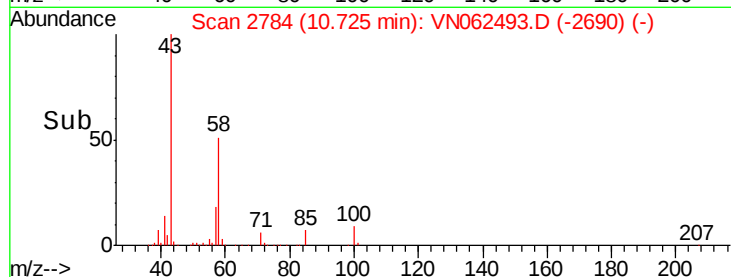
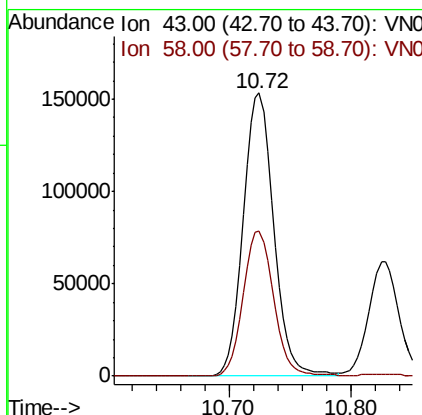
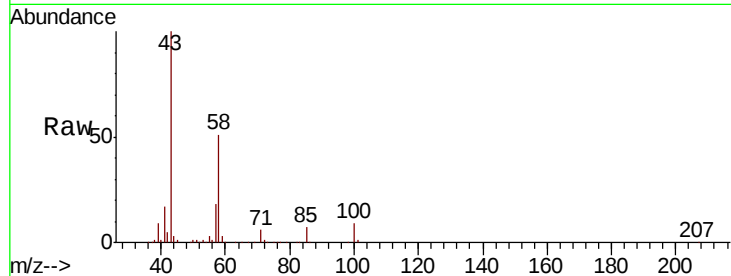




#59
2-Hexanone
Concen: 100.982 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

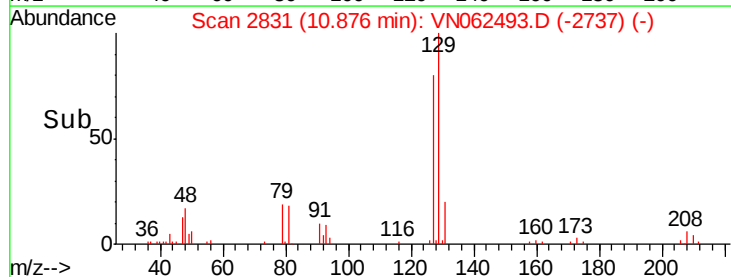
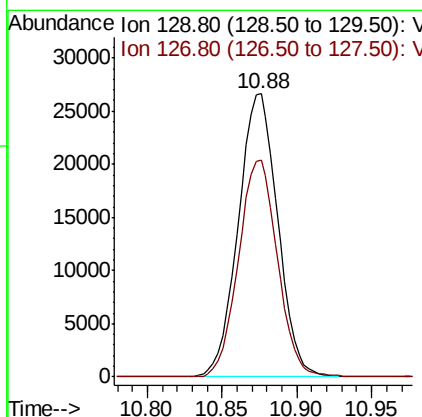
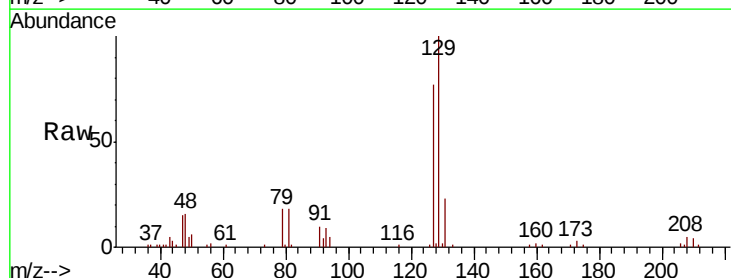
Instrument :
MSVOA_N
ClientSampleId :

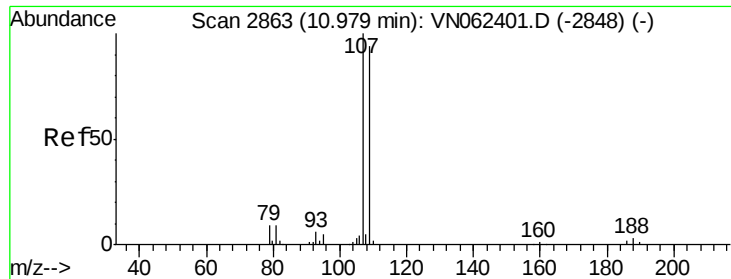
Tot Ion: 43 Resp: 263819
Ion Ratio Lower Upper
43 100
58 51.3 25.1 75.2



#60
Dibromochloromethane
Concen: 20.647 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Tgt Ion:129 Resp: 48890
Ion Ratio Lower Upper
129 100
127 75.6 38.6 115.8

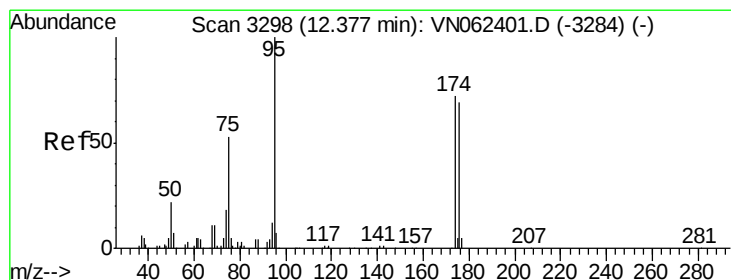
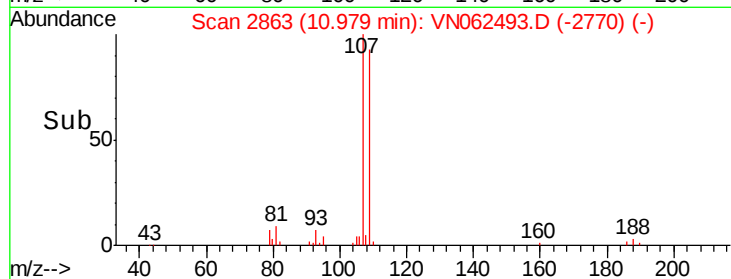
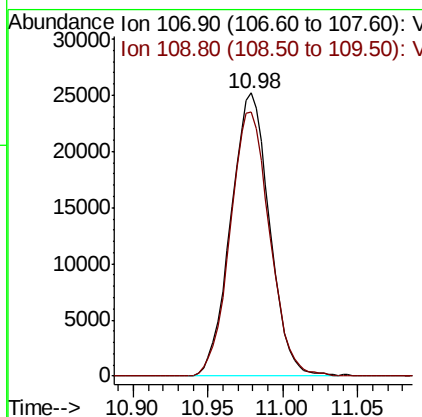
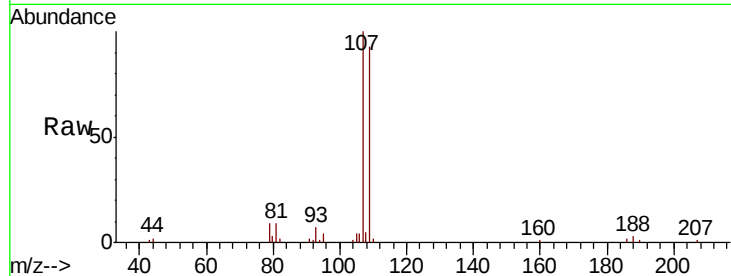




#61
 1,2-Dibromoethane
 Concen: 20.584 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

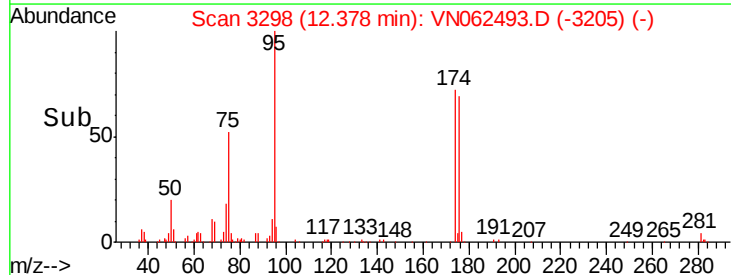
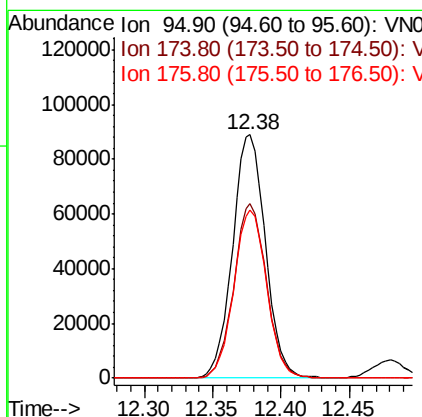
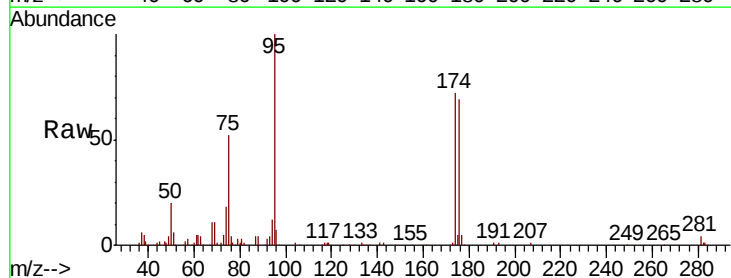
Instrument :
 MSVOA_N
 ClientSampleId :

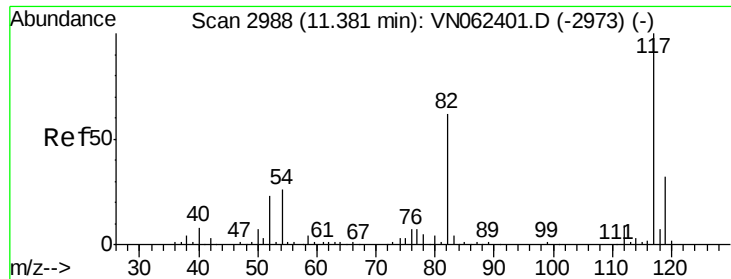
Tot Ion:107 Resp: 45380
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.611 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Tgt Ion: 95 Resp: 149003
 Ion Ratio Lower Upper
 95 100
 174 71.1 0.0 141.6
 176 68.9 0.0 137.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

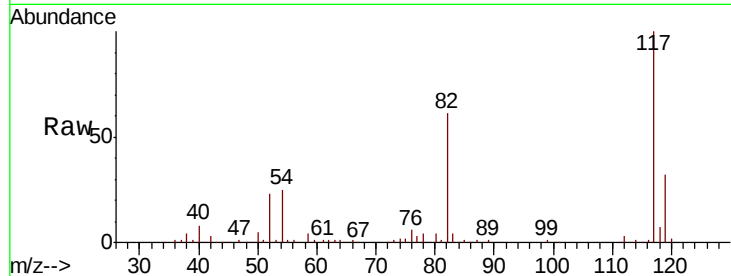
Tot Ion:117 Resp: 301905

Ion Ratio Lower Upper

117 100

82 61.0 49.6 74.4

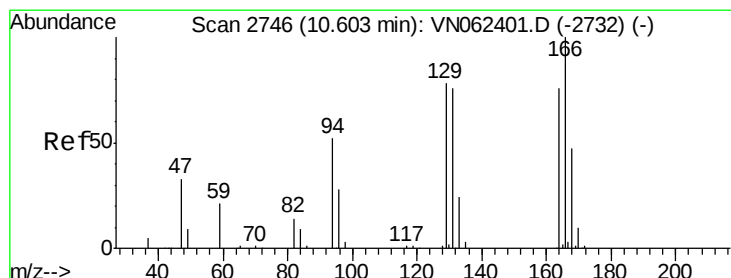
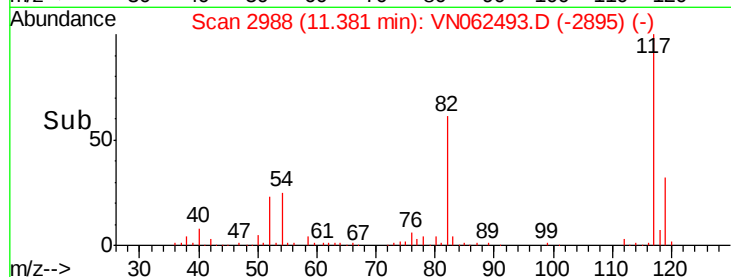
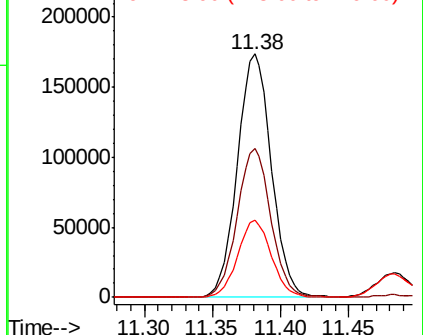
119 31.5 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 18.550 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Tgt Ion:164 Resp: 33233

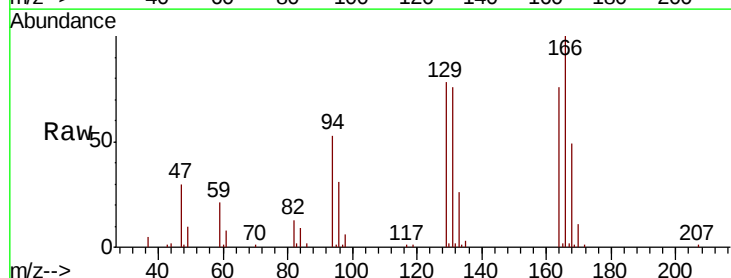
Ion Ratio Lower Upper

164 100

166 132.2 104.9 157.3

129 103.1 81.8 122.6

131 100.6 79.3 118.9

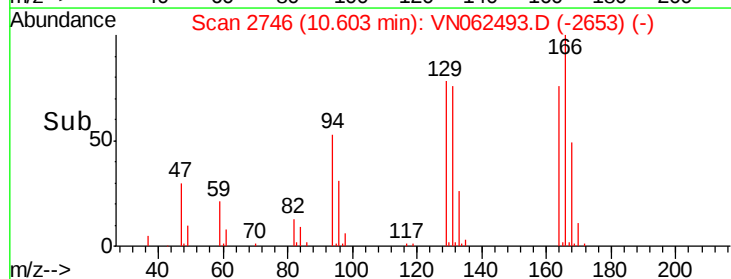
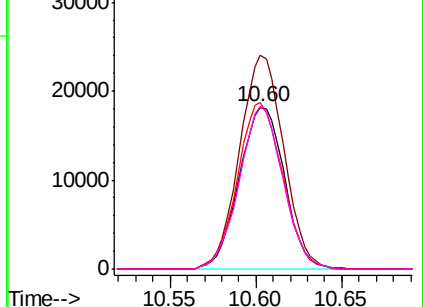


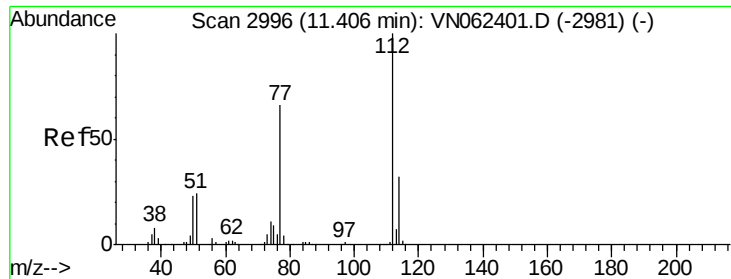
Abundance Ion 163.80 (163.50 to 164.50): V

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: 19.701 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

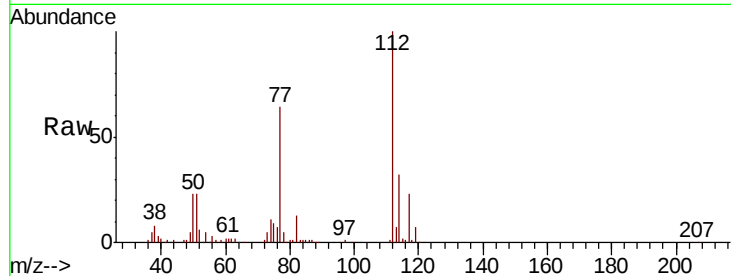
ClientSampleId :

Tot Ion:112 Resp: 115598

Ion Ratio Lower Upper

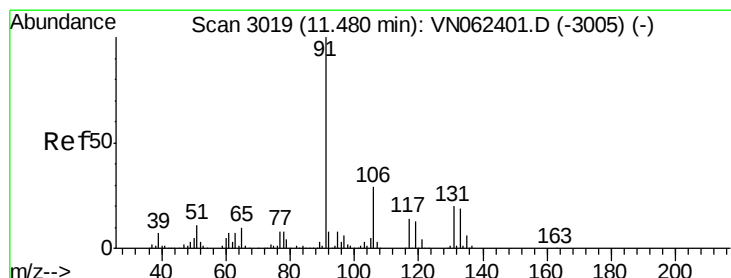
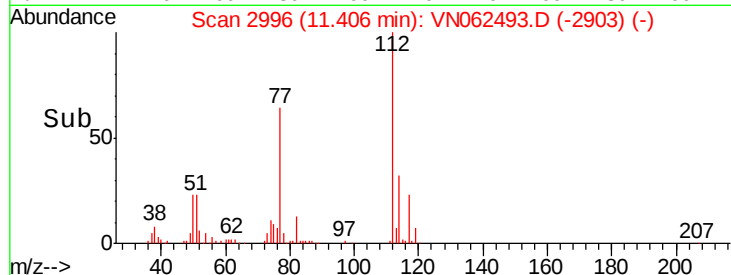
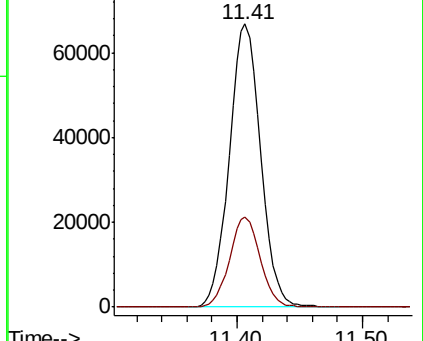
112 100

114 32.0 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: 19.851 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

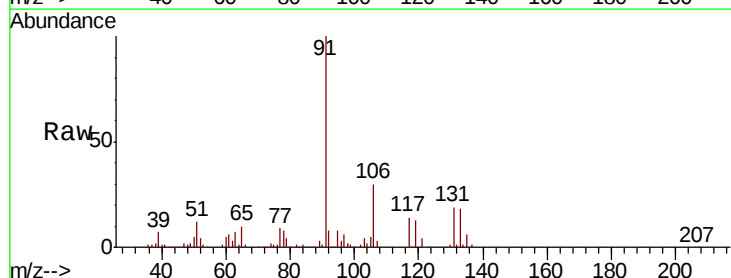
Tgt Ion:131 Resp: 42954

Ion Ratio Lower Upper

131 100

133 94.2 46.9 140.8

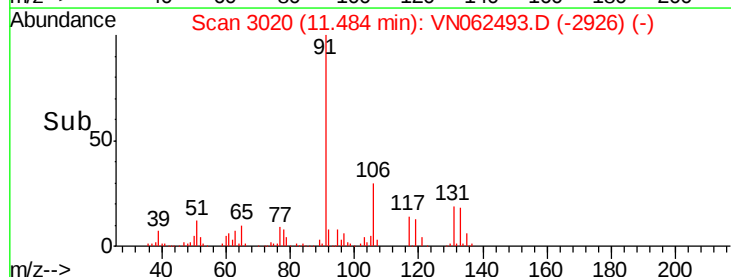
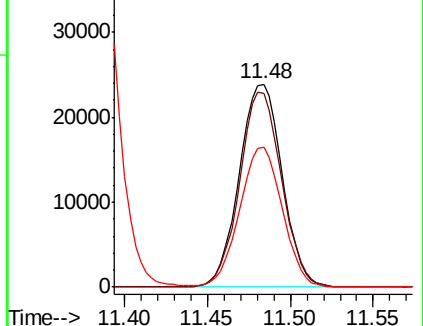
119 68.7 33.2 99.6

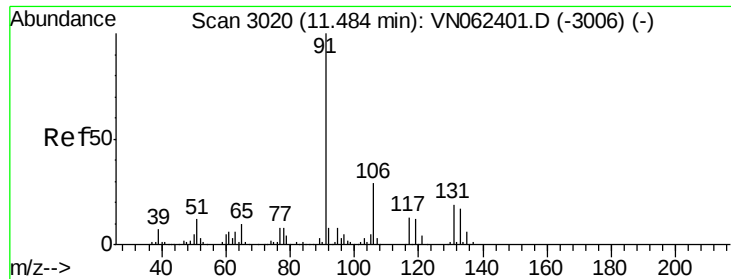


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

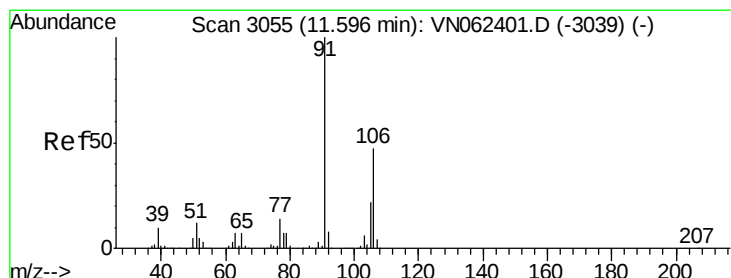
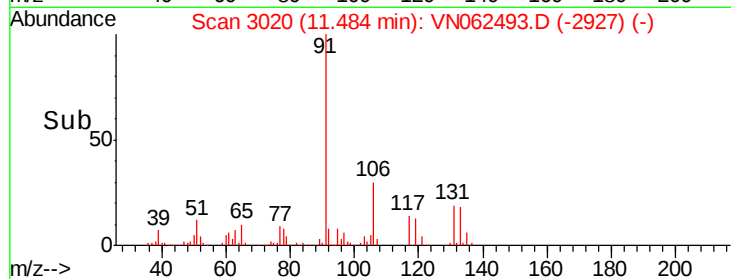
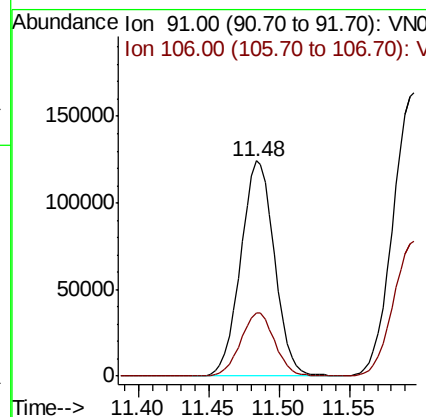
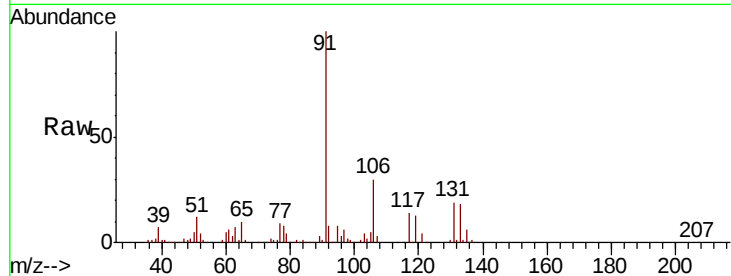




#67
Ethyl Benzene
Concen: 18.971 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

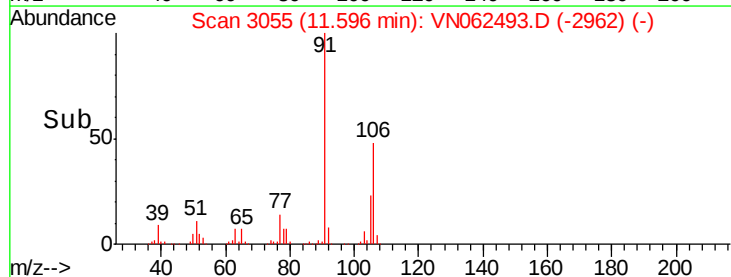
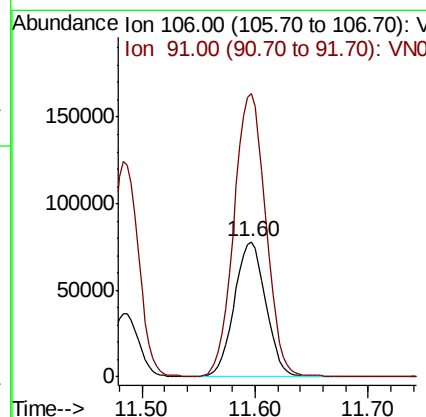
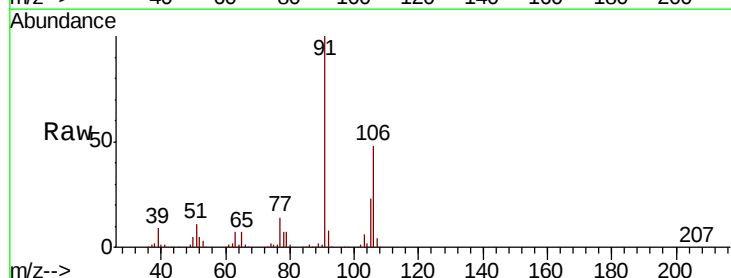
Instrument :
MSVOA_N
ClientSampled :

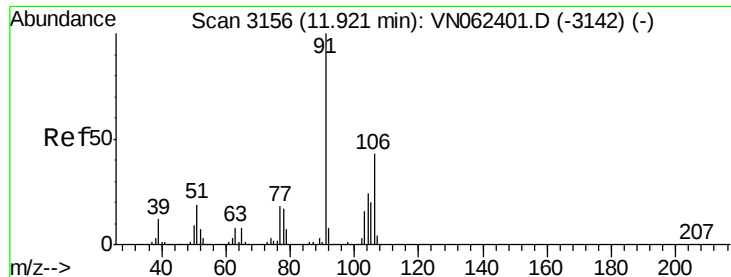
Tot Ion: 91 Resp: 208947
Ion Ratio Lower Upper
91 100
106 29.6 23.4 35.2



#68
m/p-Xylenes
Concen: 38.835 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Tgt Ion: 106 Resp: 151421
Ion Ratio Lower Upper
106 100
91 211.9 172.4 258.6

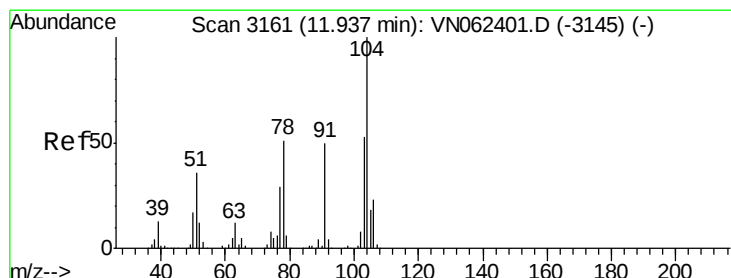
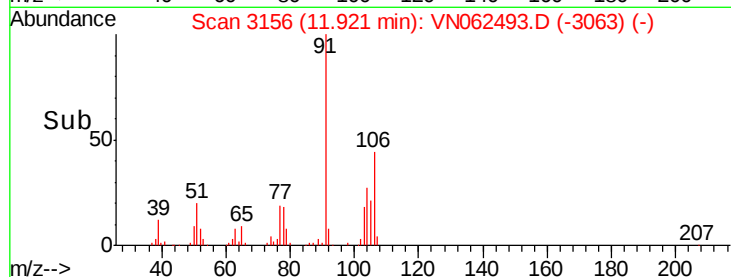
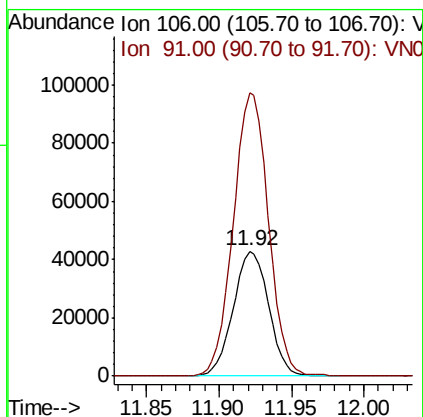
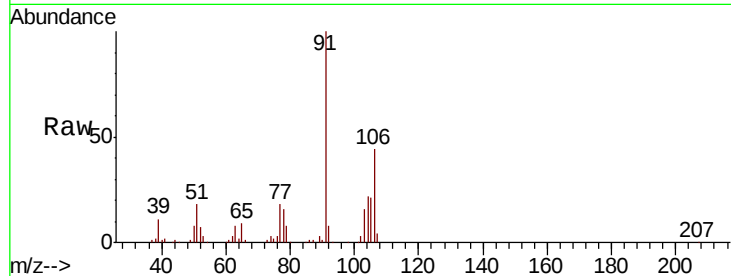




#69
o-Xylene
Concen: 19.164 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

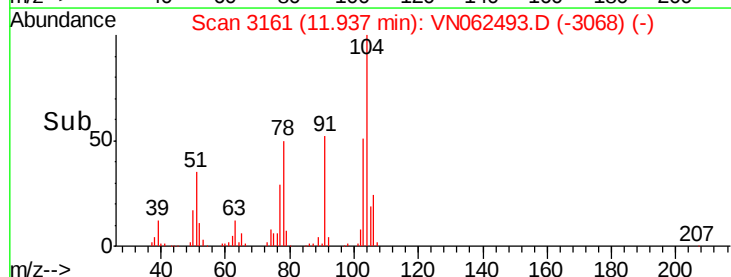
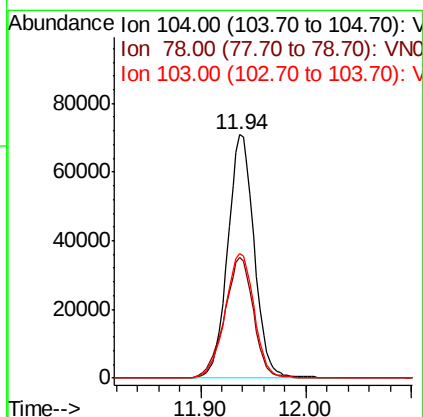
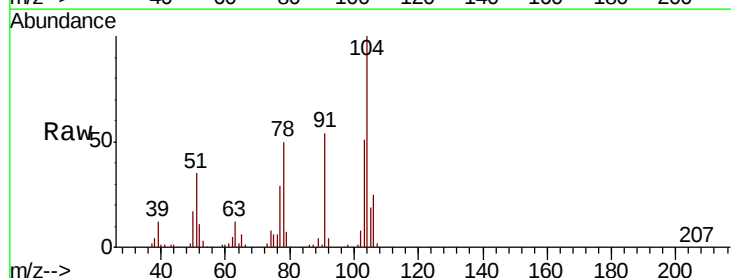
Instrument :
MSVOA_N
ClientSampled :

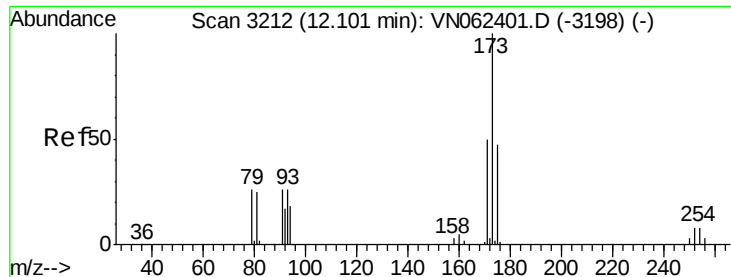
Tot Ion:106 Resp: 72751
Ion Ratio Lower Upper
106 100
91 225.0 113.8 341.4



#70
Styrene
Concen: 19.572 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Tgt Ion:104 Resp: 122796
Ion Ratio Lower Upper
104 100
78 54.1 44.2 66.4
103 56.2 44.4 66.6





#71

Bromoform

Concen: 20.932 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

ClientSampled :

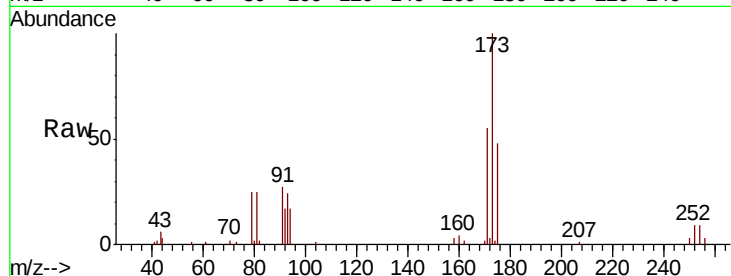
Tot Ion:173 Resp: 33203

Ion Ratio Lower Upper

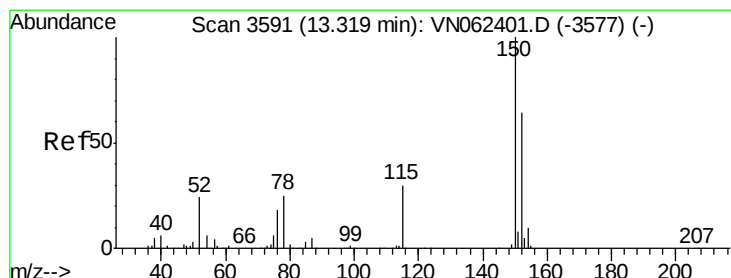
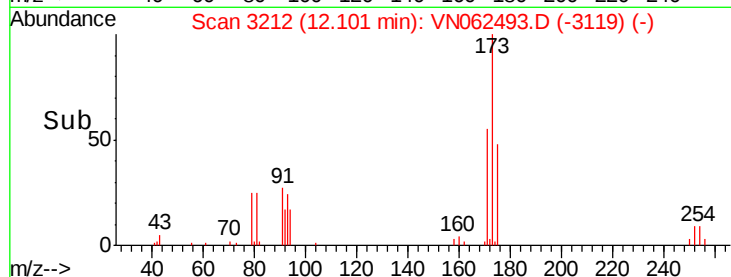
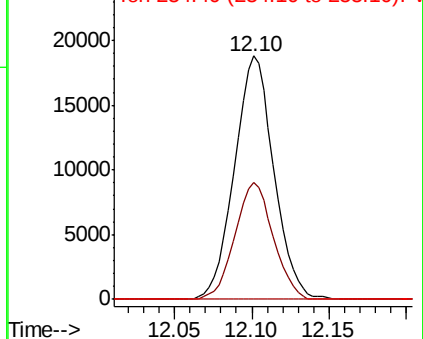
173 100

175 46.5 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# 3591

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

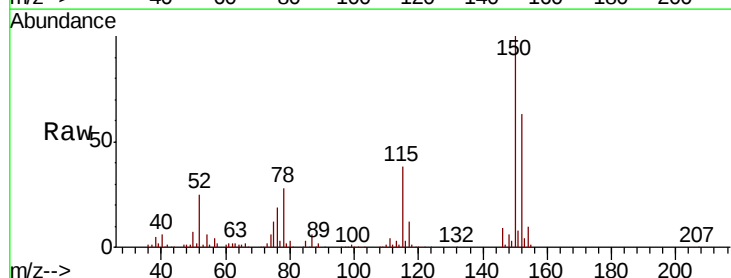
Tgt Ion:152 Resp: 130920

Ion Ratio Lower Upper

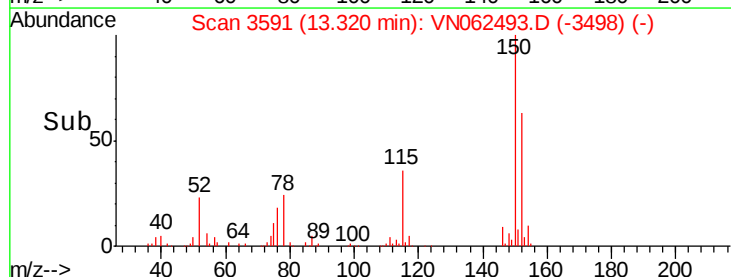
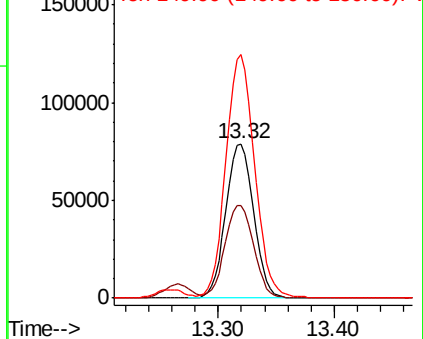
152 100

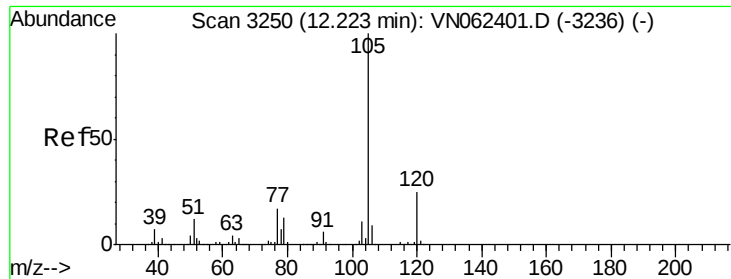
115 61.3 31.4 94.2

150 162.6 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: 19.233 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

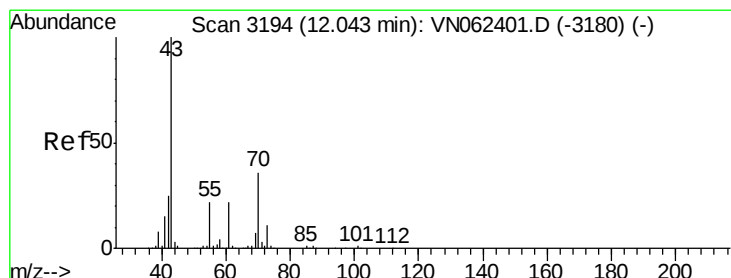
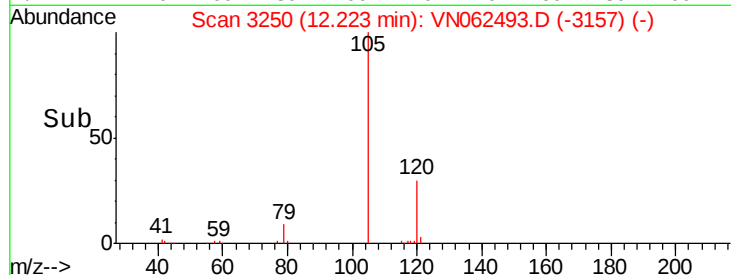
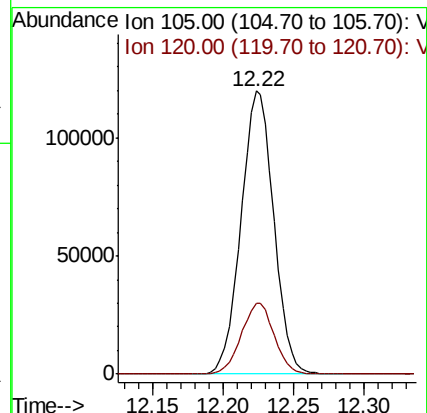
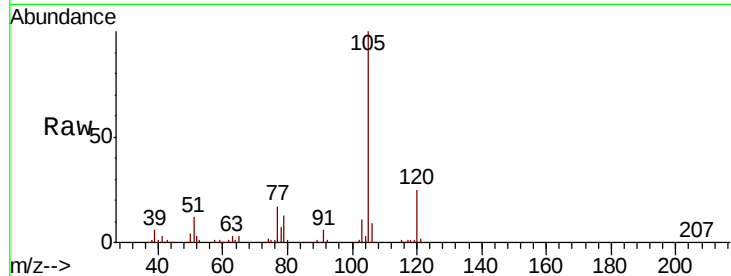
ClientSampled :

Tot Ion:105 Resp: 194851

Ion Ratio Lower Upper

105 100

120 25.1 12.7 38.1



#74

N-ethyl acetate

Concen: 20.278 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Tgt Ion: 43 Resp: 99989

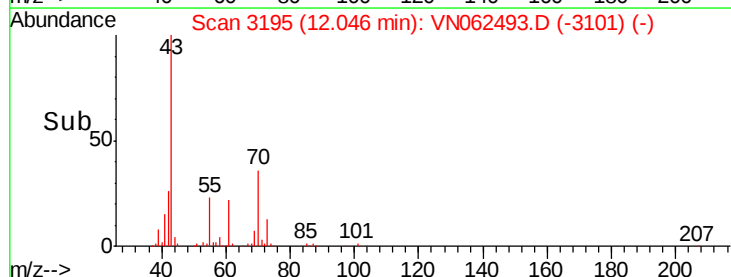
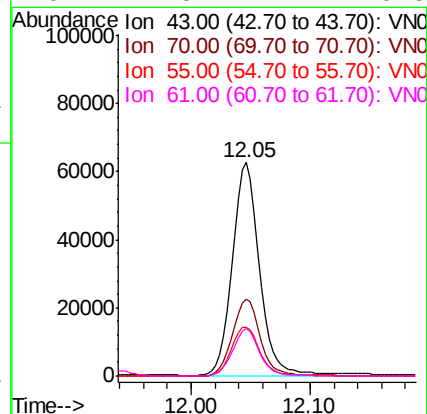
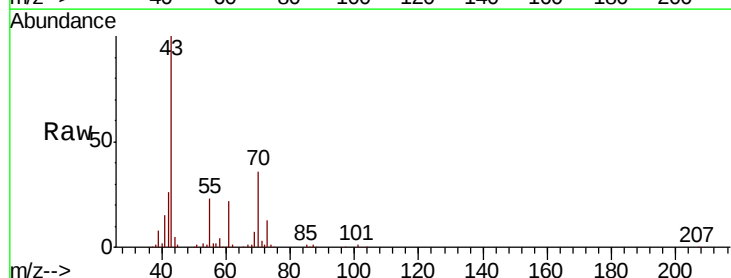
Ion Ratio Lower Upper

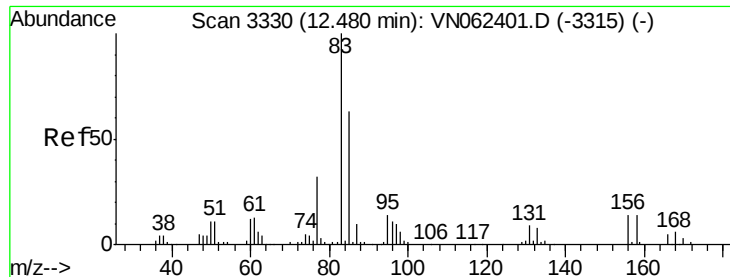
43 100

70 36.5 30.0 45.0

55 23.7 18.2 27.4

61 21.8 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.232 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

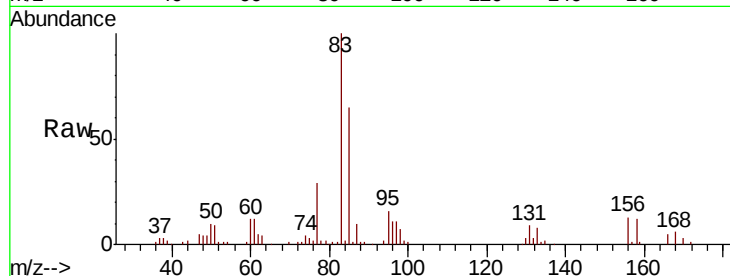
Tot Ion: 83 Resp: 72325

Ion	Ratio	Lower	Upper
83	100		
131	8.8	4.5	13.5
85	63.5	31.9	95.9

83 100

131 8.8 4.5 13.5

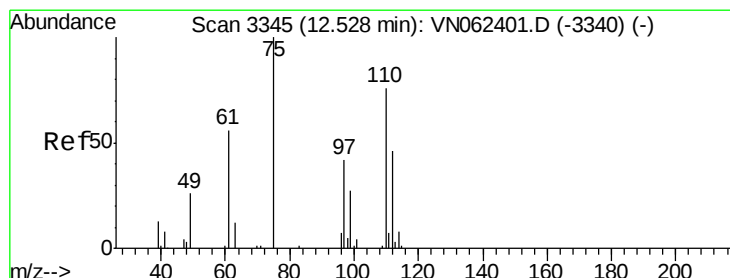
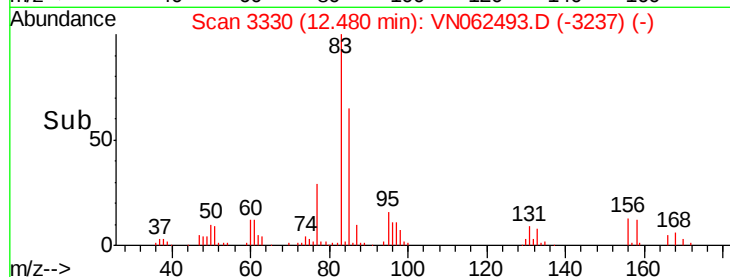
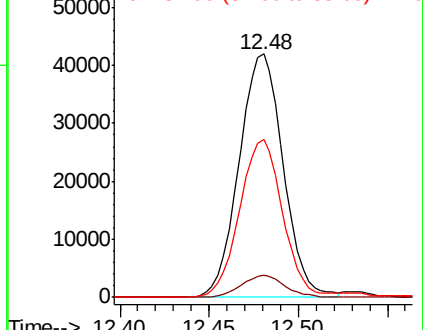
85 63.5 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062493.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062493.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062493.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 28.100 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062493.D

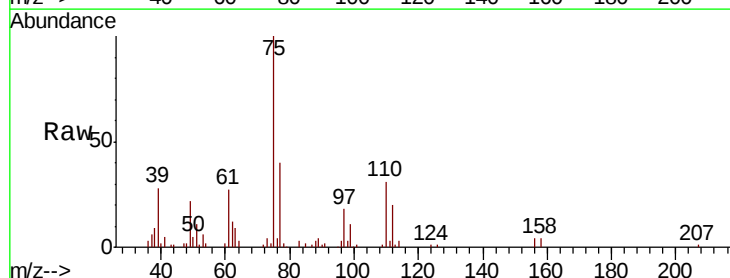
Acq: 10 Jul 2020 15:07

Tgt Ion: 75 Resp: 90268

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

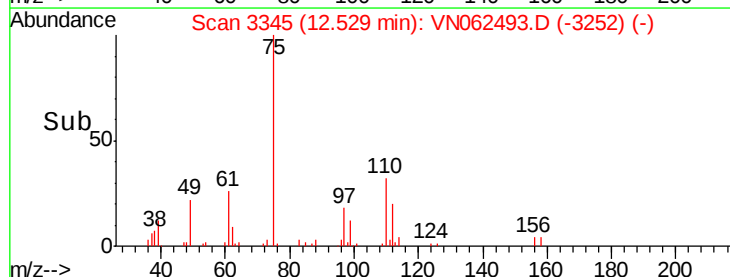
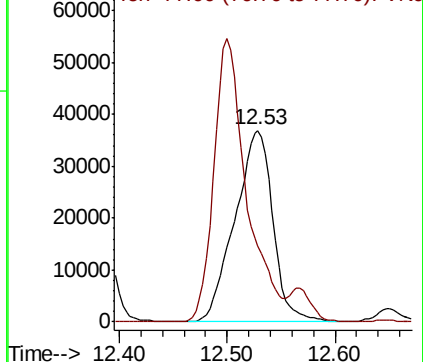
75 100

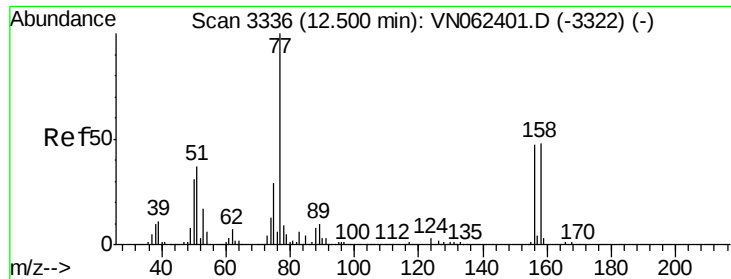
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062493.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062493.D (-3252) (-)





#77

Bromobenzene

Concen: 20.132 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

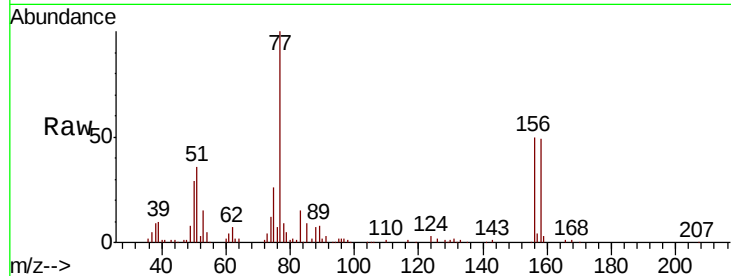
Tot Ion:156 Resp: 46368

Ion Ratio Lower Upper

156 100

77 246.6 126.4 379.3

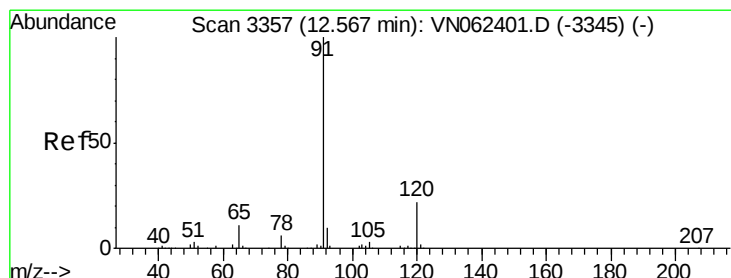
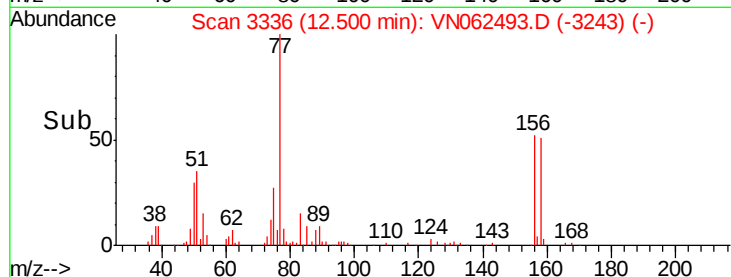
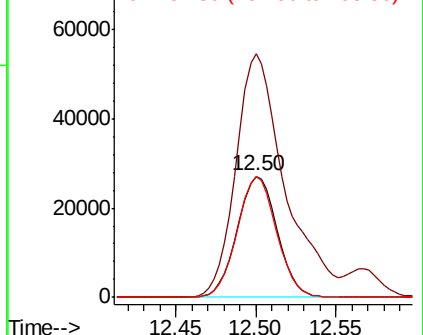
158 97.7 49.8 149.4



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: 19.140 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062493.D

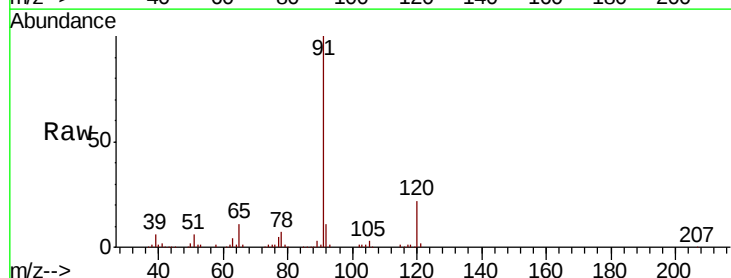
Acq: 10 Jul 2020 15:07

Tgt Ion: 91 Resp: 226506

Ion Ratio Lower Upper

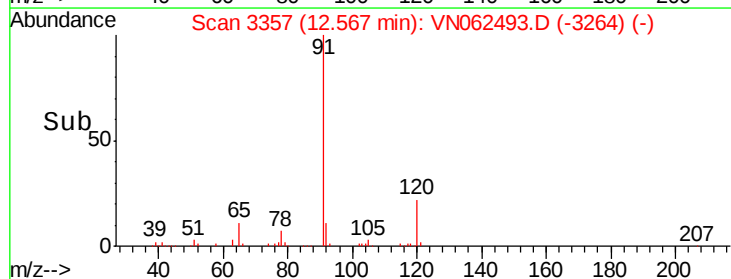
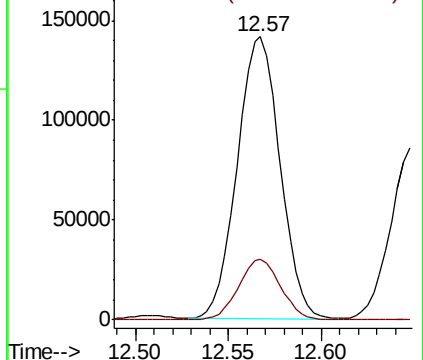
91 100

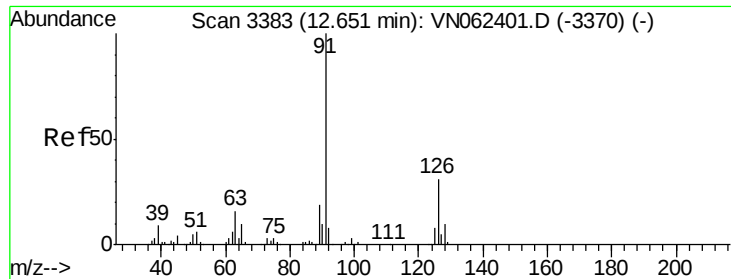
120 21.1 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

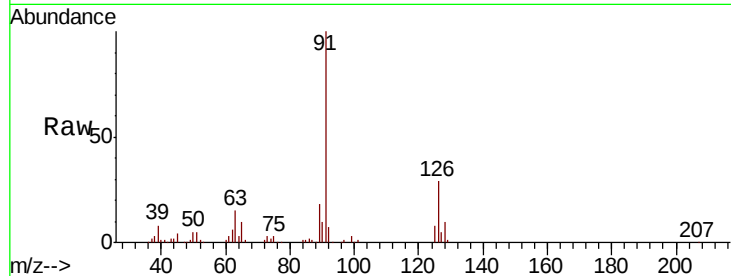




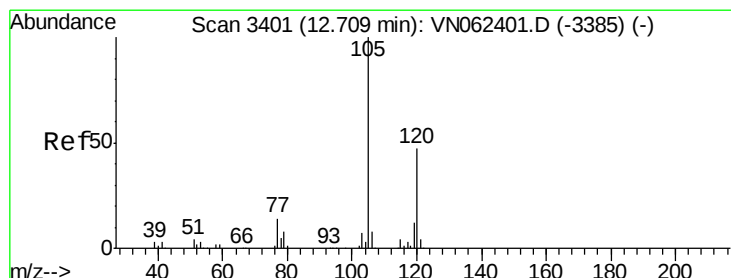
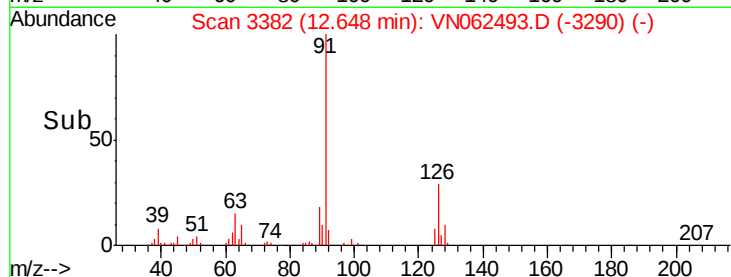
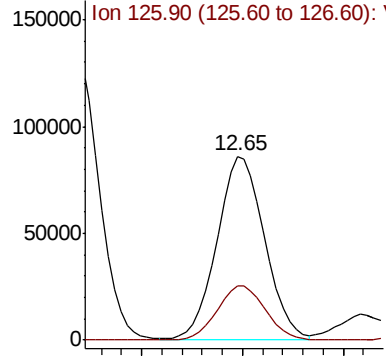
#79
 2-Chlorotoluene
 Concen: 19.604 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 140803
 Ion Ratio Lower Upper
 91 100
 126 30.2 15.6 46.7

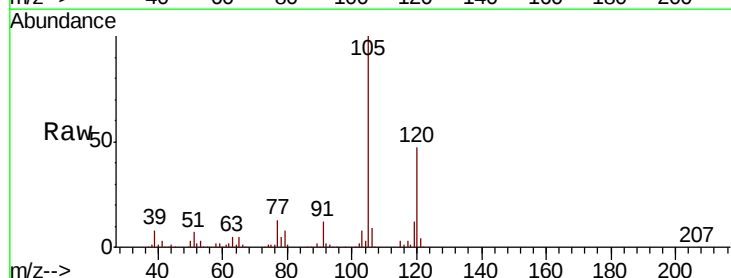


Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN062401.D (-3370) (-)

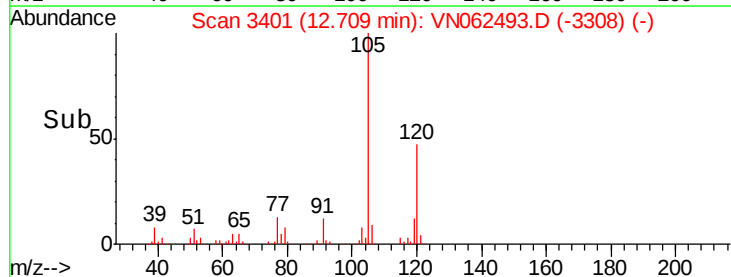
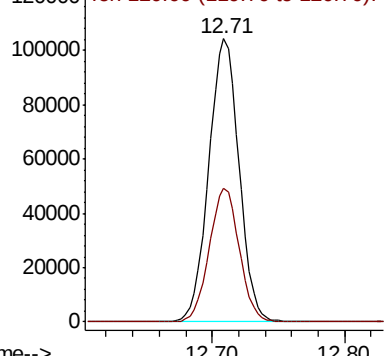


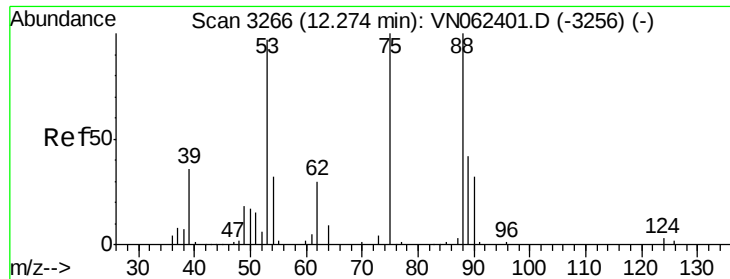
#80
 1,3,5-Trimethylbenzene
 Concen: 19.883 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Tgt Ion: 105 Resp: 165132
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN062401.D (-3385) (-)
 Ion 120.00 (119.70 to 120.70): VN062401.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.777 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

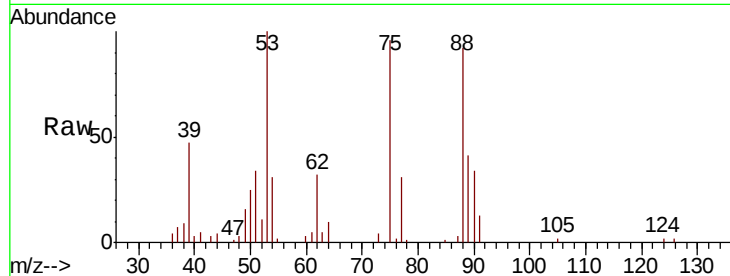
Tot Ion: 75 Resp: 22536

Ion Ratio Lower Upper

75 100

53 101.9 79.2 118.8

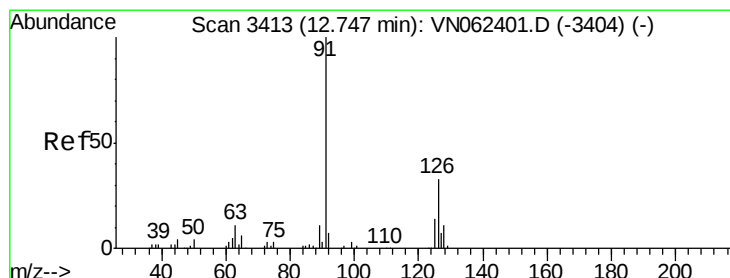
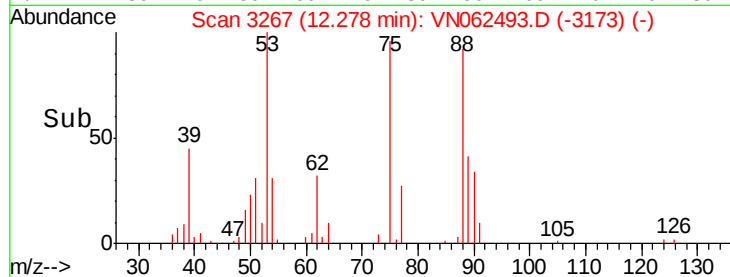
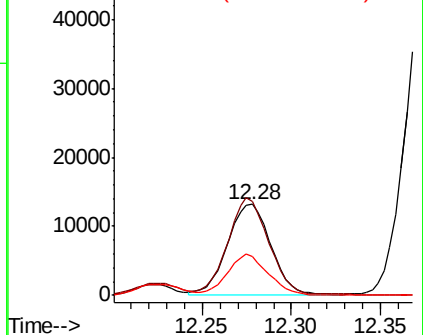
89 41.6 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.680 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062493.D

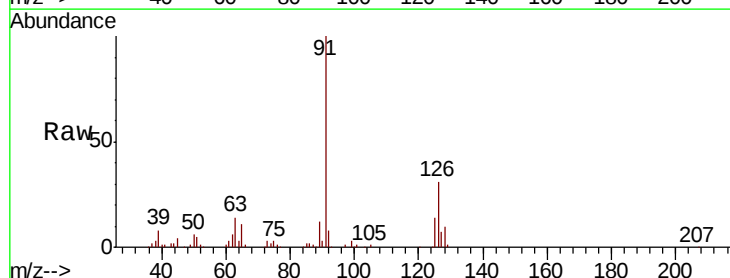
Acq: 10 Jul 2020 15:07

Tgt Ion: 91 Resp: 143500

Ion Ratio Lower Upper

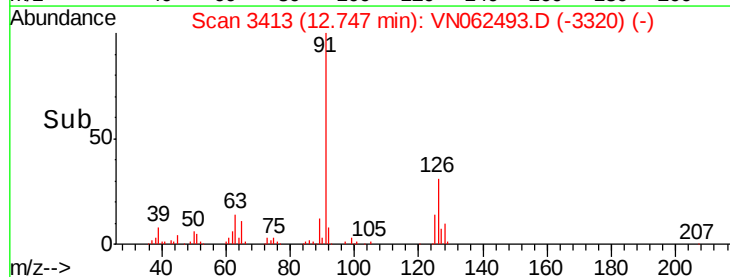
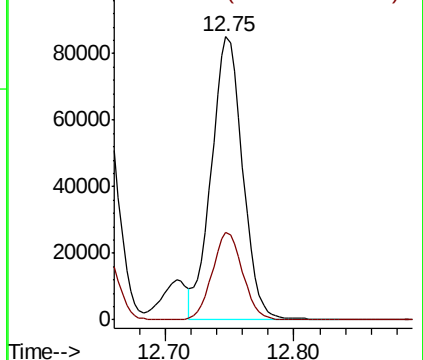
91 100

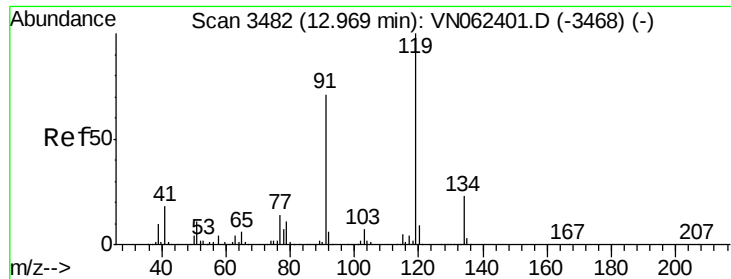
126 29.9 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

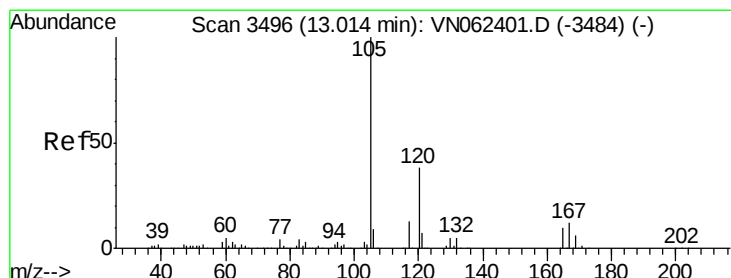
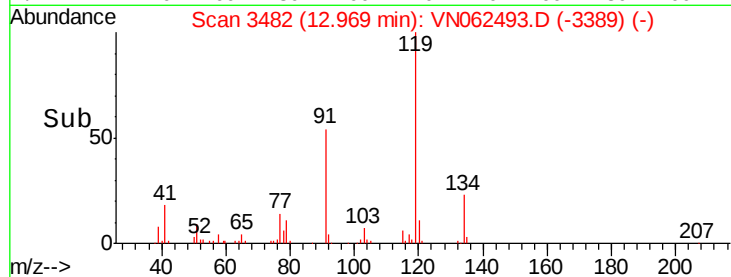
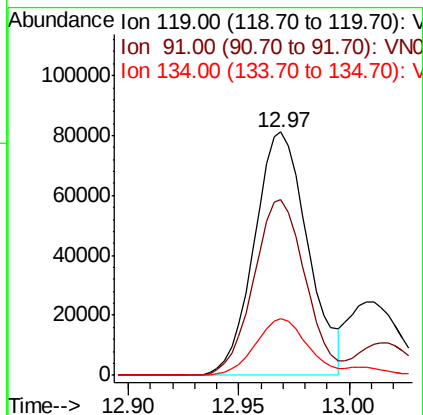
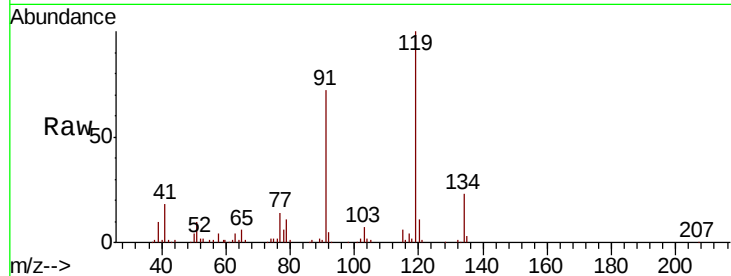




#83
 tert-Butylbenzene
 Concen: 19.341 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

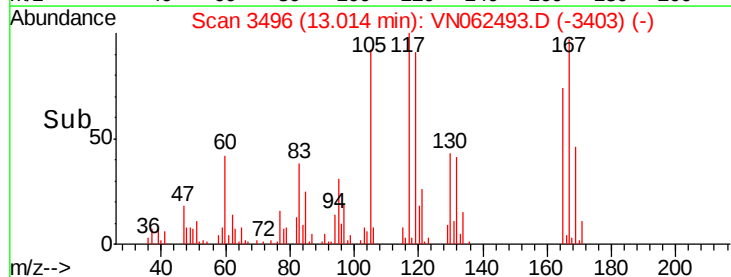
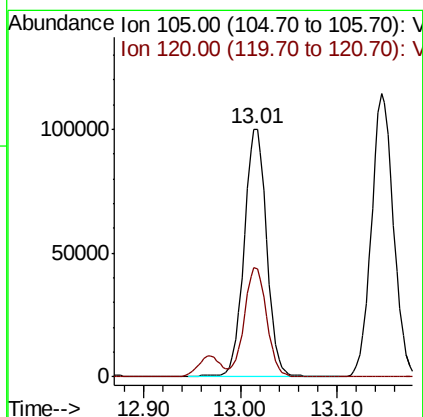
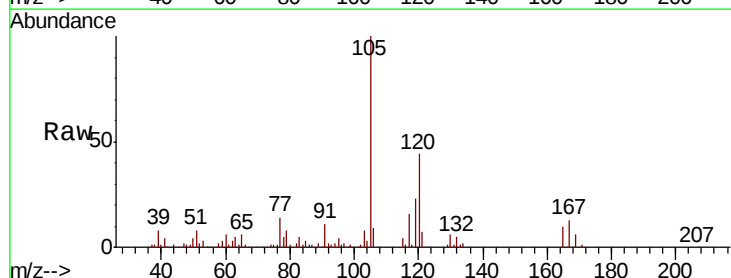
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 136314
 Ion Ratio Lower Upper
 119 100
 91 70.3 34.8 104.3
 134 22.9 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.658 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Tgt Ion:105 Resp: 162280
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.6 64.8





#85

sec-Butylbenzene

Concen: 19.548 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

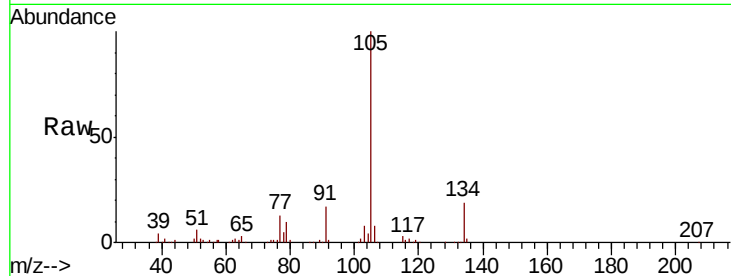
ClientSampled :

Tot Ion:105 Resp: 182560

Ion Ratio Lower Upper

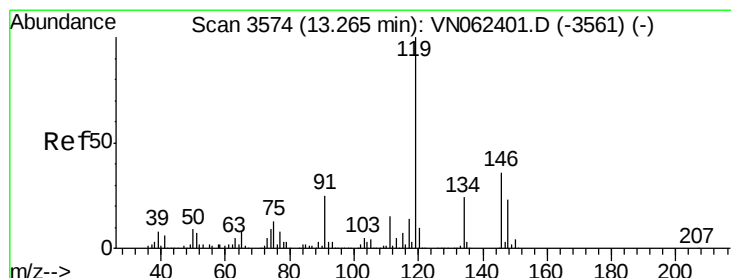
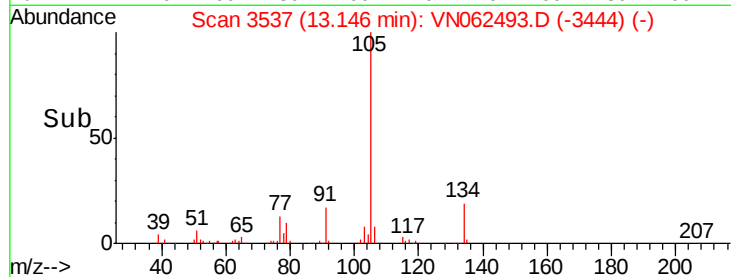
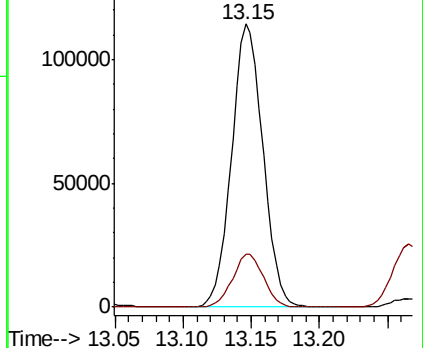
105 100

134 18.4 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: 19.153 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

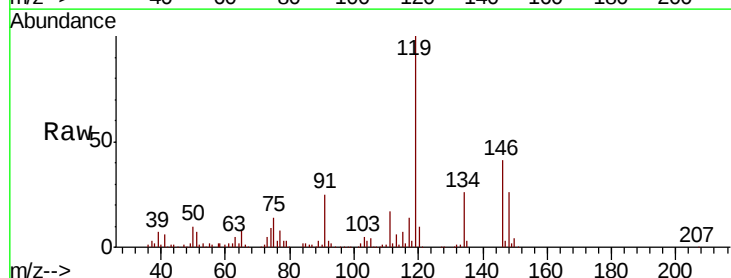
Tgt Ion:119 Resp: 154386

Ion Ratio Lower Upper

119 100

134 26.0 12.4 37.0

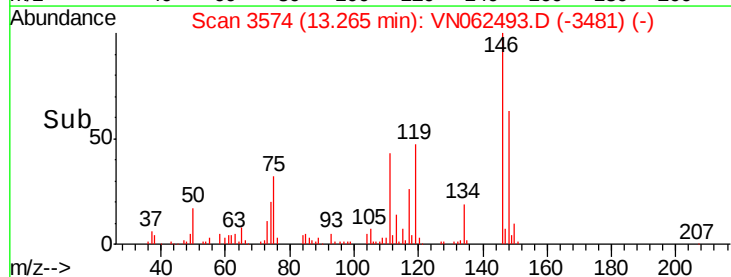
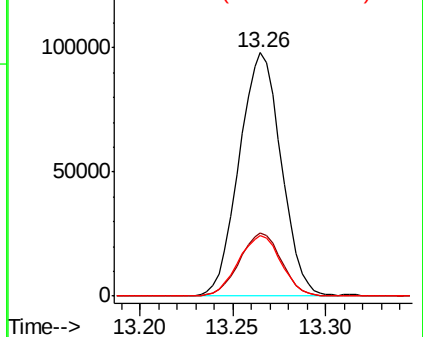
91 25.4 12.4 37.4

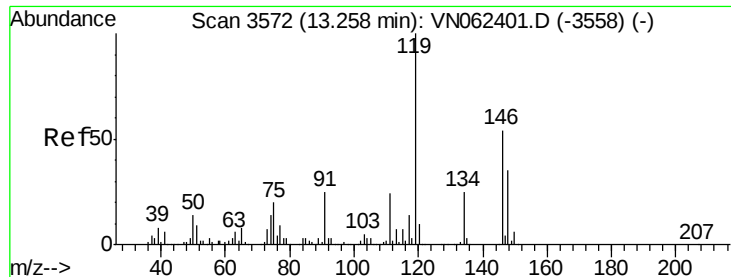


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.923 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

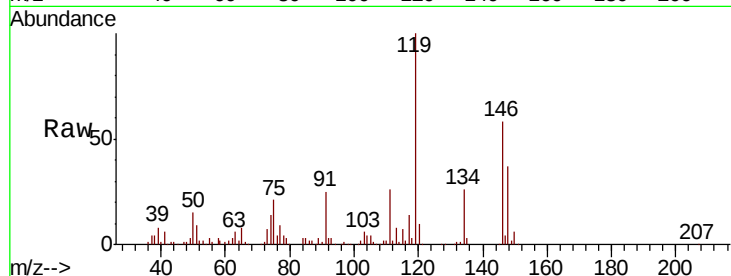
Tot Ion:146 Resp: 79160

Ion Ratio Lower Upper

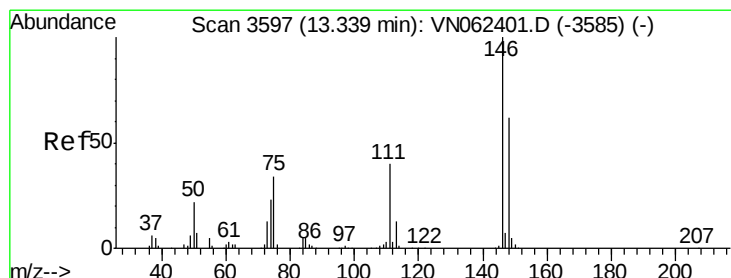
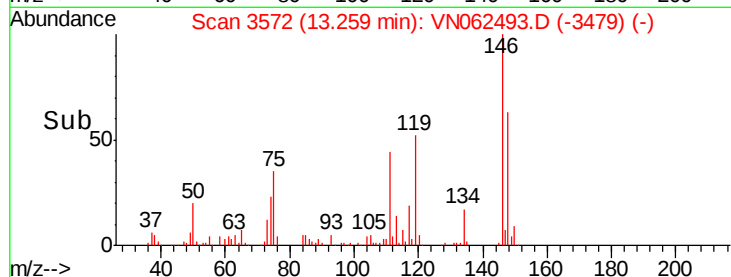
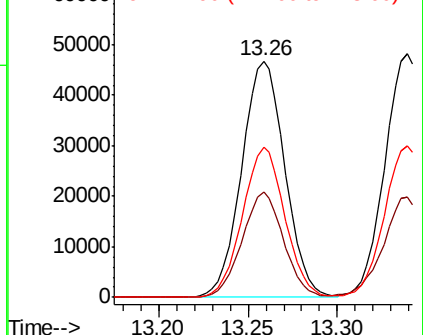
146 100

111 42.7 21.6 64.6

148 62.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.851 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

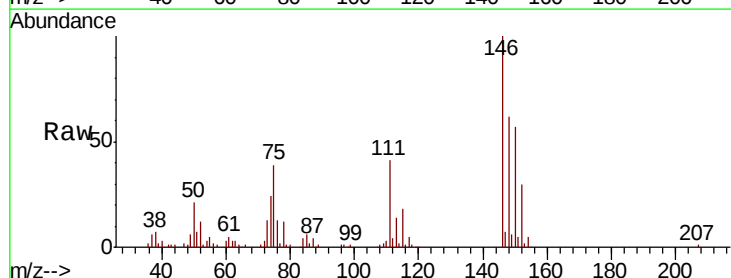
Tgt Ion:146 Resp: 81158

Ion Ratio Lower Upper

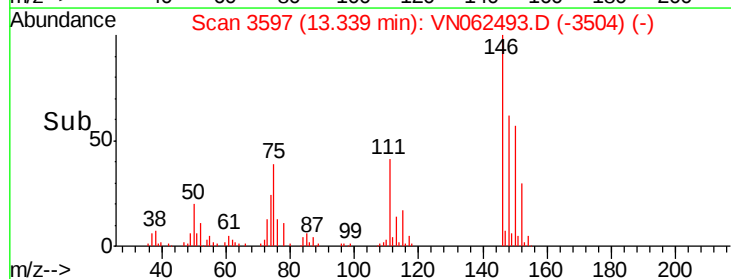
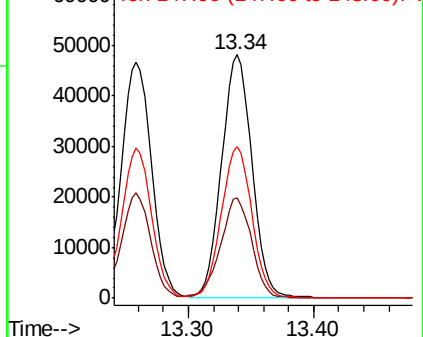
146 100

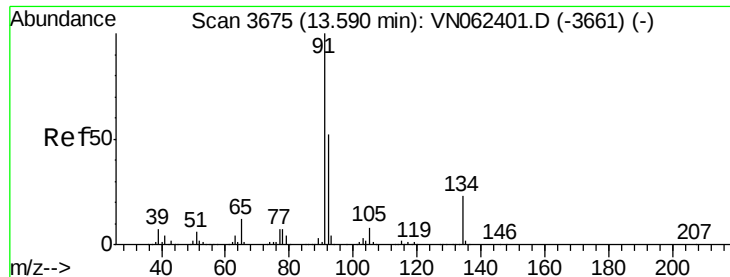
111 42.2 21.1 63.1

148 62.6 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.976 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

ClientSampled :

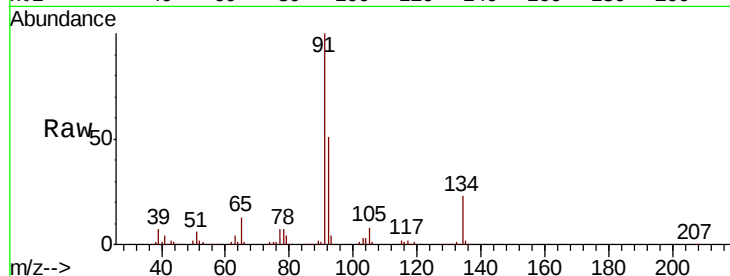
Tot Ion: 91 Resp: 127939

Ion Ratio Lower Upper

91 100

92 51.1 25.9 77.7

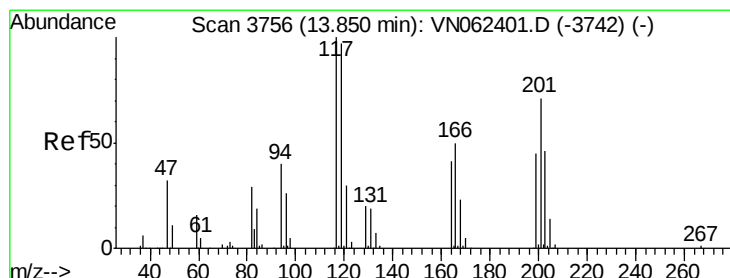
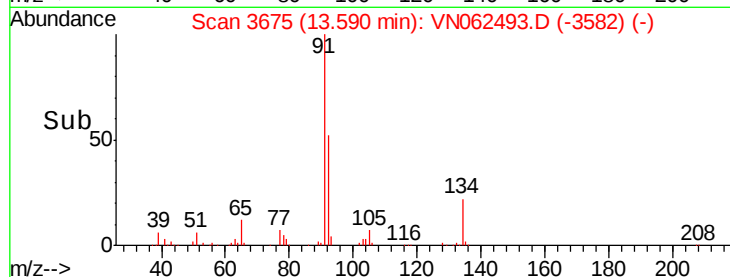
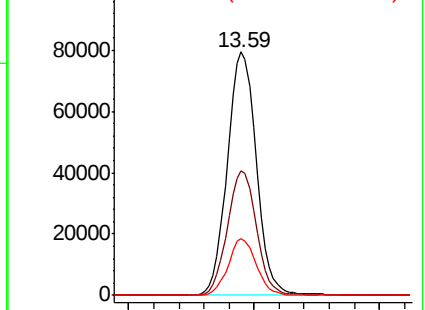
134 22.4 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062401.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062401.D (-3661) (-)



#90

Hexachloroethane

Concen: 19.307 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062493.D

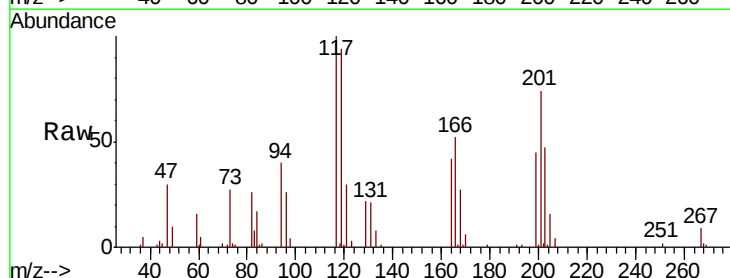
Acq: 10 Jul 2020 15:07

Tgt Ion: 117 Resp: 30613

Ion Ratio Lower Upper

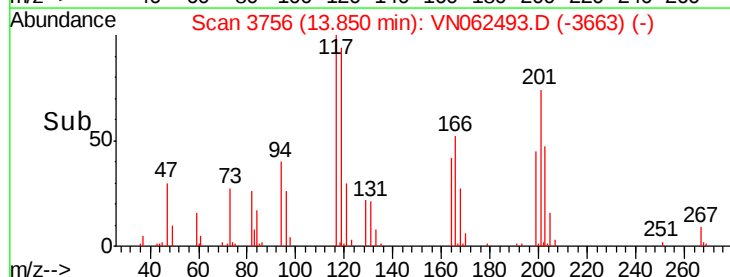
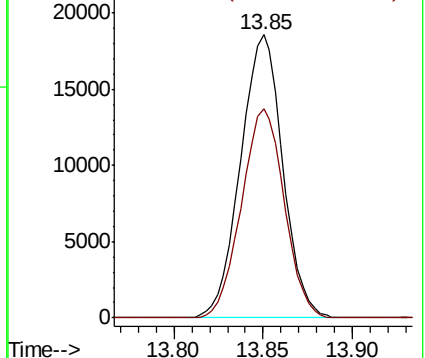
117 100

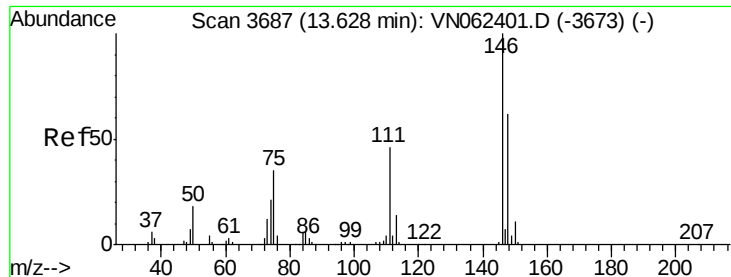
201 74.9 35.4 106.2



Abundance Ion 116.80 (116.50 to 117.50): VN062401.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062401.D (-3742) (-)





#91

1,2-Dichlorobenzene

Concen: 20.510 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

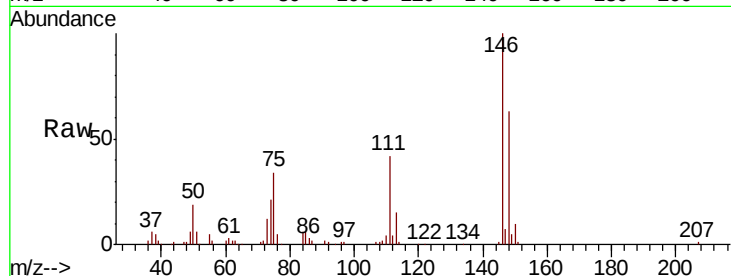
Tot Ion:146 Resp: 78792

Ion Ratio Lower Upper

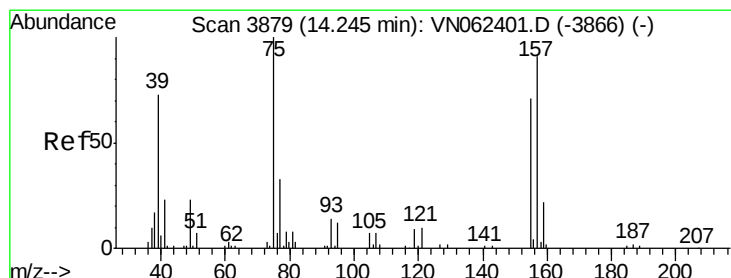
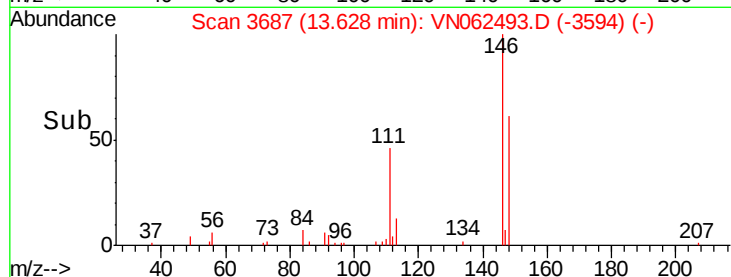
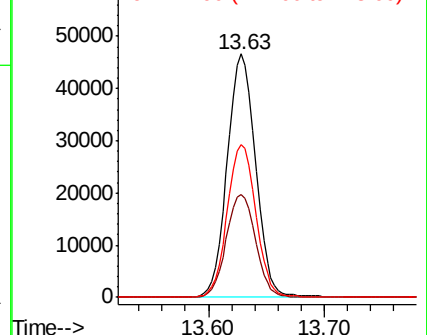
146 100

111 43.5 22.5 67.5

148 63.3 31.4 94.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.632 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN062493.D

Acq: 10 Jul 2020 15:07

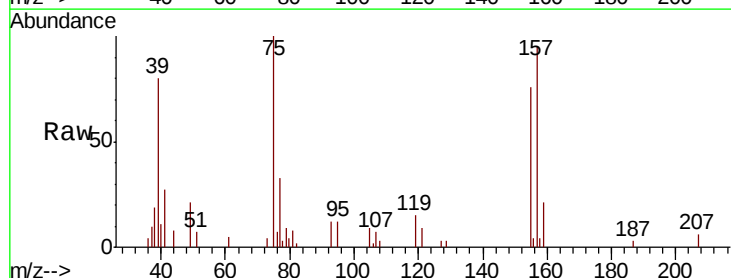
Tgt Ion: 75 Resp: 12204

Ion Ratio Lower Upper

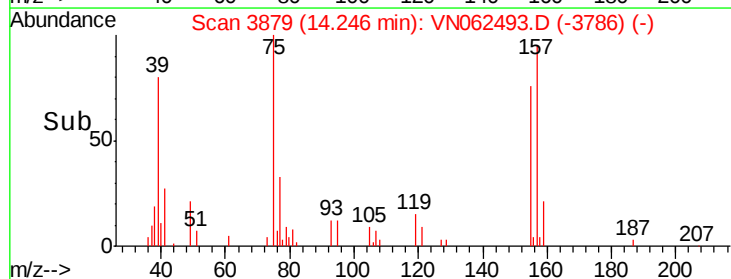
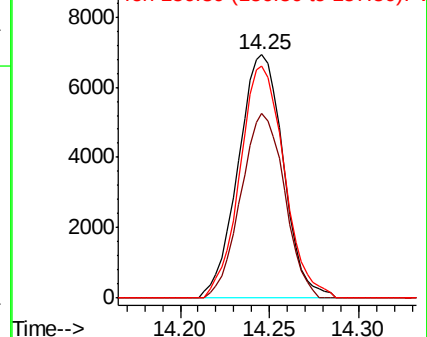
75 100

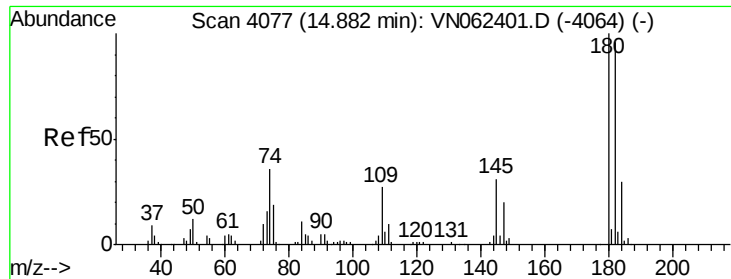
155 73.4 35.2 105.6

157 93.9 45.8 137.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

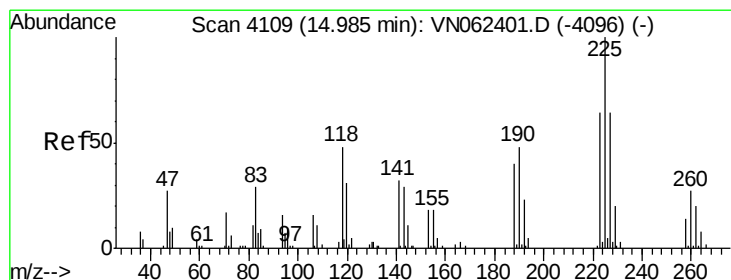
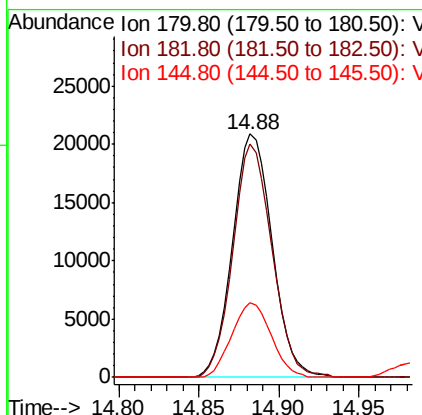
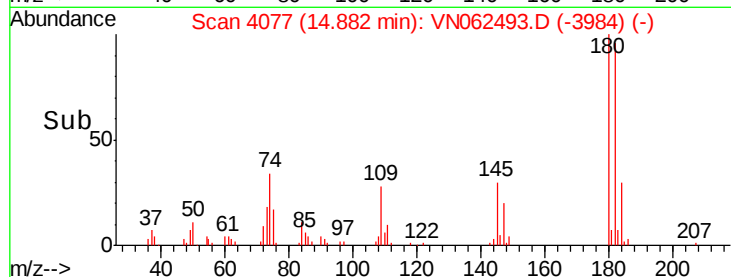
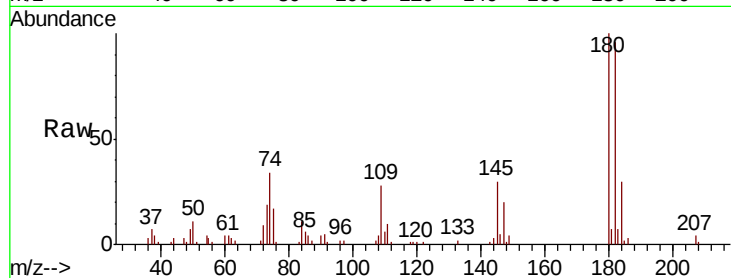




#93
 1,2,4-Trichlorobenzene
 Concen: 19.265 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

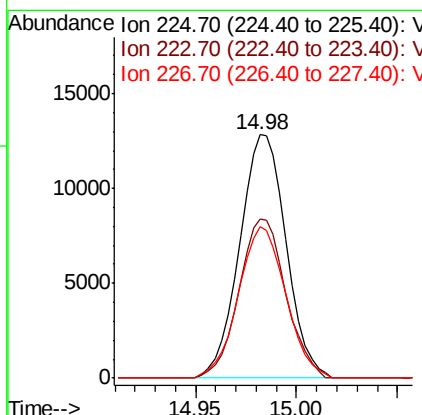
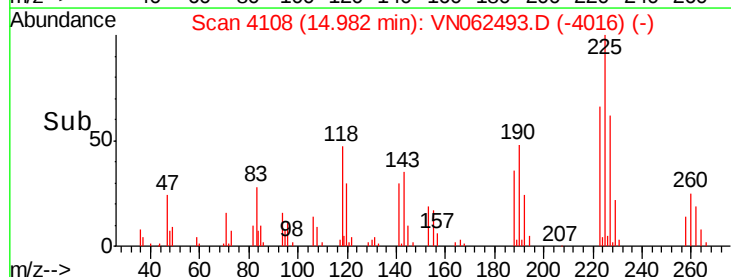
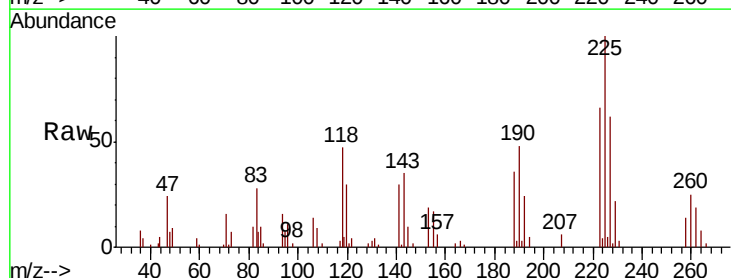
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 35209
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.4 145.2
 145 30.3 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 20.279 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062493.D
 Acq: 10 Jul 2020 15:07

Tgt Ion:225 Resp: 20685
 Ion Ratio Lower Upper
 225 100
 223 65.9 32.3 96.8
 227 63.4 31.9 95.7

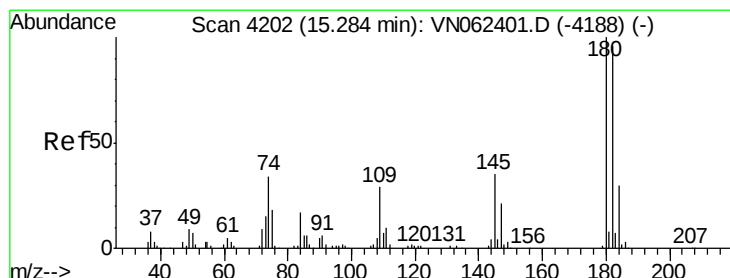
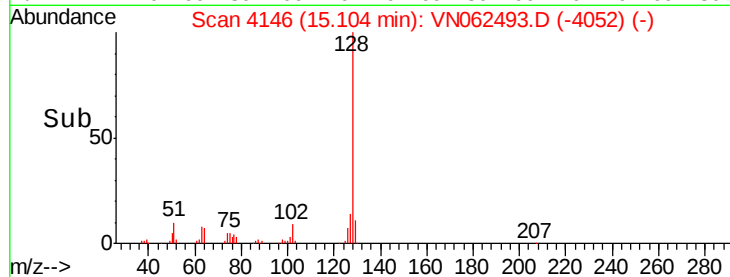
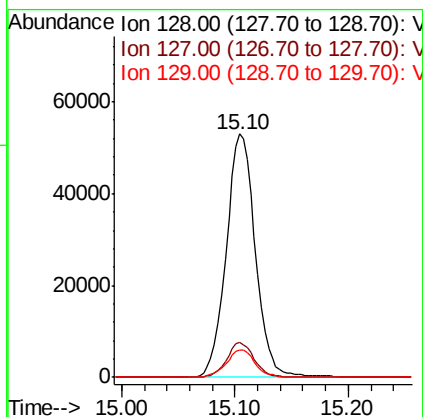
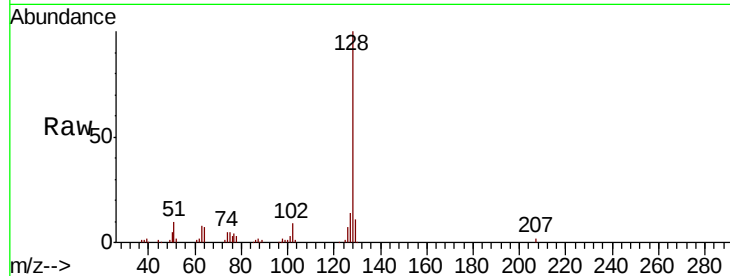




#95
Naphthalene
Concen: 20.364 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 94706
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.373 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062493.D
Acq: 10 Jul 2020 15:07

Tgt Ion:180 Resp: 35712
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.4
145 33.3 17.0 50.9

