

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081820\
 Data File : VN062999.D
 Acq On : 18 Aug 2020 21:30
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN081820

Quant Time: Aug 19 06:12:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	179634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	276690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	258968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127226	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	104323	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	7.55	113	85598	47.48	ug/l	0.00
Spiked Amount			Recovery	=	94.96%	
50) Toluene-d8	10.06	98	333799	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.38	95	121269	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	121251	51.656	ug/l	99
3) Chloromethane	2.04	50	137032	55.636	ug/l	99
4) Vinyl Chloride	2.16	62	137041	57.533	ug/l	100
5) Bromomethane	2.51	94	82743	58.525	ug/l	99
6) Chloroethane	2.66	64	77574	55.160	ug/l	96
7) Trichlorofluoromethane	2.98	101	157190	52.918	ug/l	98
8) Diethyl Ether	3.37	74	54703	52.056	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	78963	49.332	ug/l	100
10) Methyl Iodide	3.91	142	101837	50.194	ug/l	99
11) Tert butyl alcohol	4.74	59	77798	257.982	ug/l	100
12) 1,1-Dichloroethene	3.70	96	74714	48.999	ug/l	96
13) Acrolein	3.57	56	16464	174.274	ug/l	100
14) Allyl chloride	4.28	41	134752	50.122	ug/l	98
15) Acrylonitrile	4.93	53	236609	266.947	ug/l	99
16) Acetone	3.78	43	172978	260.715	ug/l	100
17) Carbon Disulfide	4.01	76	206147	51.623	ug/l	99
18) Methyl Acetate	4.28	43	105010	49.633	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	284955	53.587	ug/l	100
20) Methylene Chloride	4.50	84	94421	50.311	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	81227	50.903	ug/l	97
22) Diisopropyl ether	5.90	45	324148	53.131	ug/l	98
23) Vinyl Acetate	5.84	43	1050200	255.090	ug/l	99
24) 1,1-Dichloroethane	5.80	63	169391	49.686	ug/l	98
25) 2-Butanone	6.79	43	284056	251.312	ug/l	98
26) 2,2-Dichloropropane	6.78	77	124884	46.578	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	102659	51.327	ug/l	97
28) Bromochloromethane	7.15	49	85082	47.697	ug/l	100
29) Tetrahydrofuran	7.17	42	197666	270.965	ug/l	99
30) Chloroform	7.33	83	174167	50.725	ug/l	100
31) Cyclohexane	7.62	56	169166	53.912	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	143897	51.334	ug/l	99
36) 1,1-Dichloropropene	7.75	75	124089	50.891	ug/l	99
37) Ethyl Acetate	6.88	43	108931	47.678	ug/l	98
38) Carbon Tetrachloride	7.73	117	122639	49.819	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	160395	48.763	ug/l	97
40) Benzene	8.00	78	387906	50.159	ug/l	99
41) Methacrylonitrile	7.12	41	52794	48.498	ug/l #	89
42) 1,2-Dichloroethane	8.08	62	132754	51.124	ug/l	100
43) Isopropyl Acetate	8.13	43	192194	50.776	ug/l	99
44) Trichloroethene	8.80	130	94885	49.325	ug/l	97
45) 1,2-Dichloropropane	9.08	63	112338	50.253	ug/l	96
46) Dibromomethane	9.17	93	65664	50.847	ug/l	99
47) Bromodichloromethane	9.37	83	142472	50.370	ug/l	100
48) Methyl methacrylate	9.17	41	96265	53.751	ug/l	99
49) 1,4-Dioxane	9.17	88	38993	989.574	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	633689	264.861	ug/l	100
52) Toluene	10.13	92	244009	52.304	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	152917	52.279	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	167016	52.051	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	99465	49.863	ug/l	99
56) Ethyl methacrylate	10.40	69	149594	48.606	ug/l	98
57) 1,3-Dichloropropane	10.68	76	166837	50.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	173153	232.094	ug/l	100
59) 2-Hexanone	10.72	43	441247	264.401	ug/l	100
60) Dibromochloromethane	10.88	129	111358	50.444	ug/l	99
61) 1,2-Dibromoethane	10.98	107	99787	52.062	ug/l	99
64) Tetrachloroethene	10.60	164	86352	50.726	ug/l	99
65) Chlorobenzene	11.41	112	263924	50.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	102651	50.742	ug/l	100
67) Ethyl Benzene	11.49	91	475973	54.160	ug/l	99
68) m/p-Xylenes	11.60	106	358970	109.901	ug/l	99
69) o-Xylene	11.92	106	171032	54.529	ug/l	98
70) Styrene	11.94	104	304934	49.029	ug/l	99
71) Bromoform	12.10	173	82896	51.481	ug/l #	100
73) Isopropylbenzene	12.23	105	466975	53.599	ug/l	99
74) N-amyl acetate	12.05	43	176702	56.629	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	150389	53.614	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	183072	74.029	ug/l #	100
77) Bromobenzene	12.50	156	123249	51.436	ug/l	99
78) n-propylbenzene	12.57	91	548215	55.204	ug/l	100
79) 2-Chlorotoluene	12.65	91	324927	52.020	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	399971	55.535	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	48003	53.311	ug/l	98
82) 4-Chlorotoluene	12.75	91	340218	53.491	ug/l	99
83) tert-Butylbenzene	12.97	119	342344	55.073	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	389268	55.480	ug/l	99
85) sec-Butylbenzene	13.15	105	461819	54.971	ug/l	100
86) p-Isopropyltoluene	13.26	119	407555	55.676	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	214388	52.061	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	213989	51.197	ug/l	100
89) n-Butylbenzene	13.59	91	325252	47.053	ug/l	99
90) Hexachloroethane	13.85	117	76619	49.245	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	207132	52.072	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	23874	54.410	ug/l	98

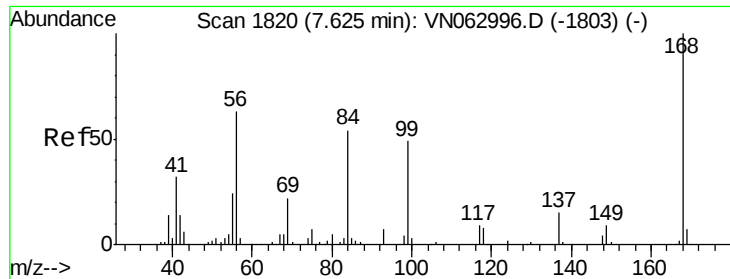
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	101472	46.382	ug/l	99
94) Hexachlorobutadiene	14.99	225	72626	49.409	ug/l	100
95) Naphthalene	15.10	128	228448	45.567	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	100509	46.777	ug/l	99

(#) = 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: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

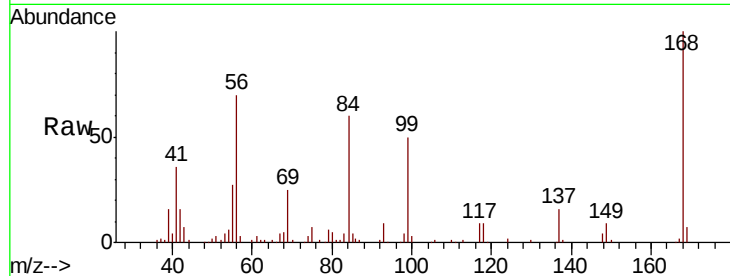
ICVVN081820

Tot Ion:168 Resp: 179634

Ion Ratio Lower Upper

168 100

99 50.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VN062999.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN062999.D (-1727) (-)

7.63

80000

60000

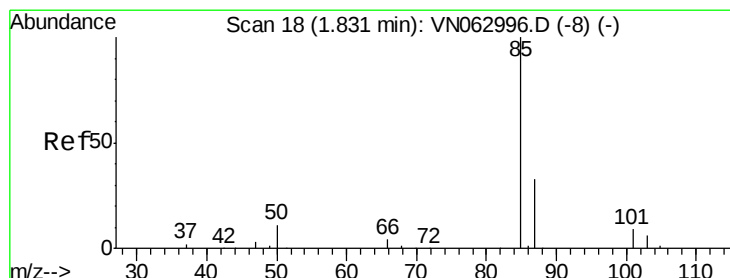
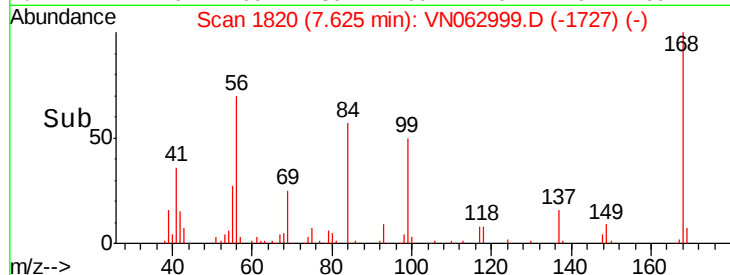
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 51.656 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062999.D

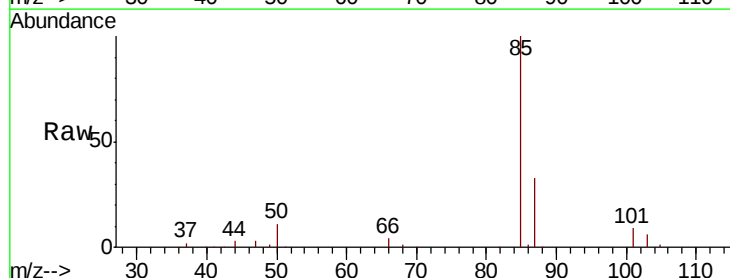
Acq: 18 Aug 2020 21:30

Tgt Ion: 85 Resp: 121251

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN062999.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN062999.D (-1) (-)

1.83

100000

80000

60000

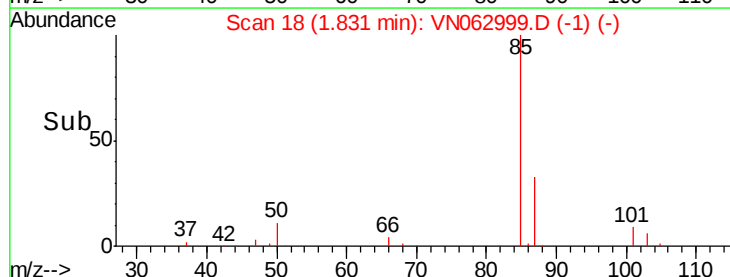
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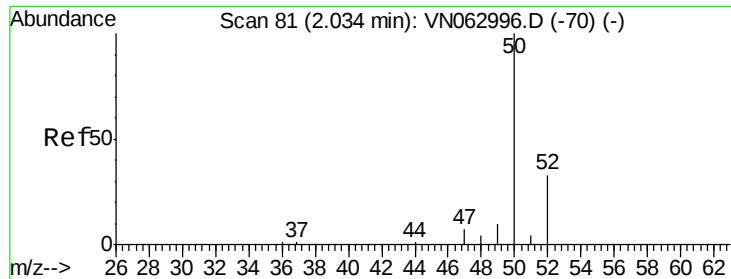
20000

0

1.75 1.80 1.85 1.90

Time-->

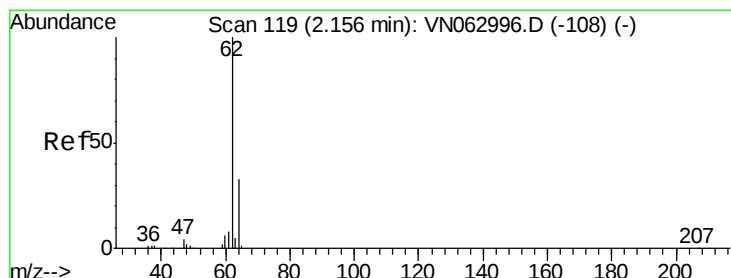
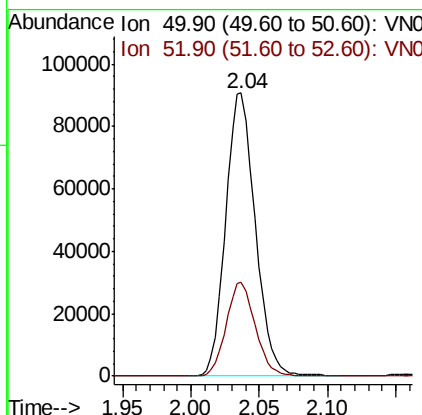
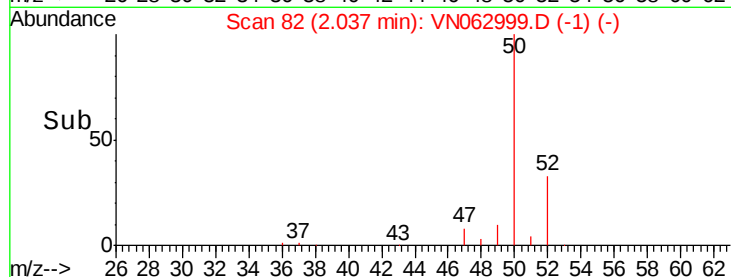
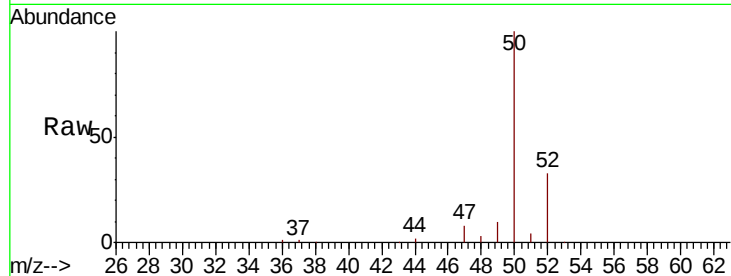




#3
Chloromethane
Concen: 55.636 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

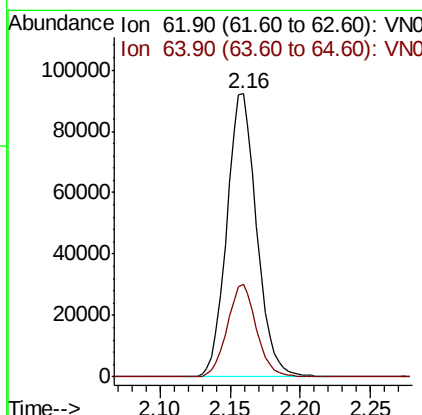
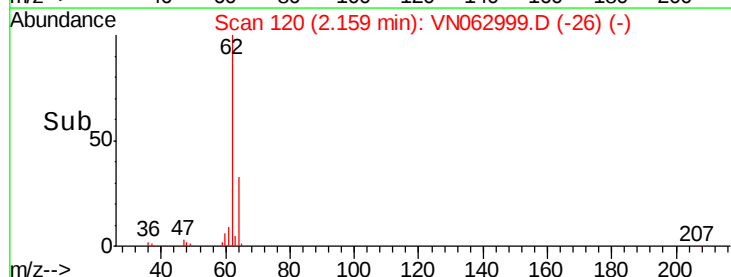
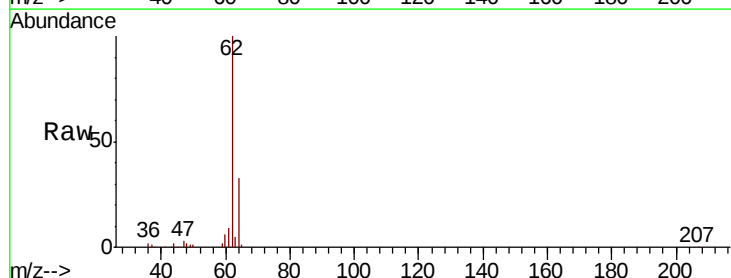
Instrument :
MSVOA_N
ClientSampled :
ICVFN081820

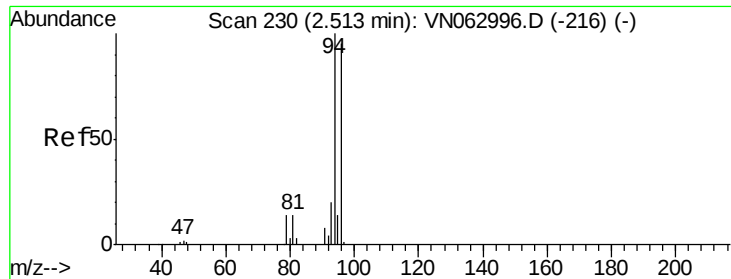
Tot Ion: 50 Resp: 137032
Ion Ratio Lower Upper
50 100
52 33.2 26.0 39.0



#4
Vinyl Chloride
Concen: 57.533 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion: 62 Resp: 137041
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2





#5

Bromomethane

Concen: 58.525 ug/l

RT: 2.51 min Scan# 230

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

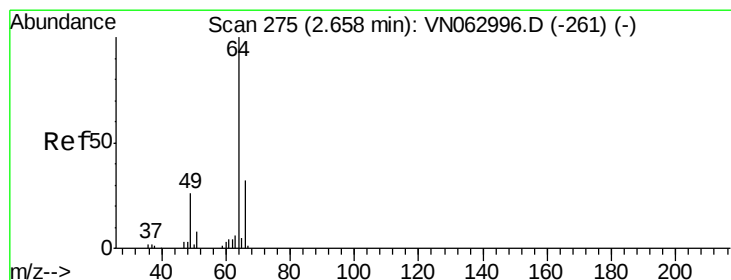
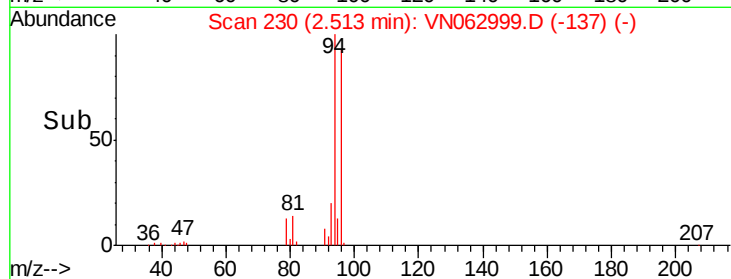
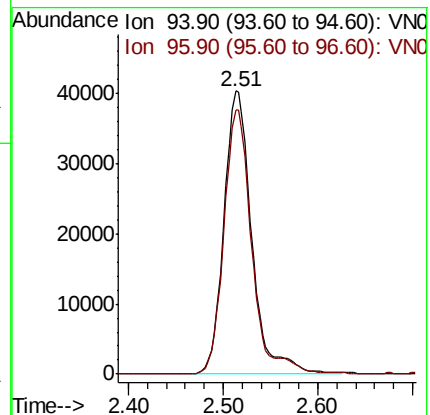
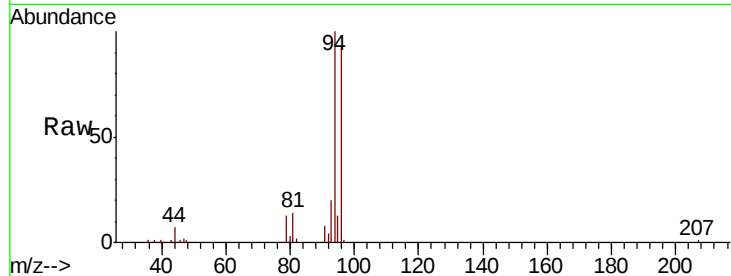
ICVVN081820

Tot Ion: 94 Resp: 82743

Ion Ratio Lower Upper

94 100

96 93.4 75.8 113.8



#6

Chloroethane

Concen: 55.160 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.00 min

Lab File: VN062999.D

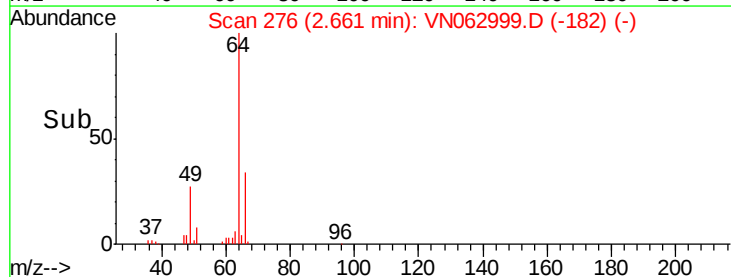
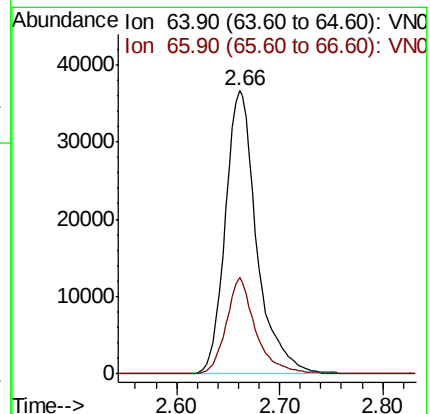
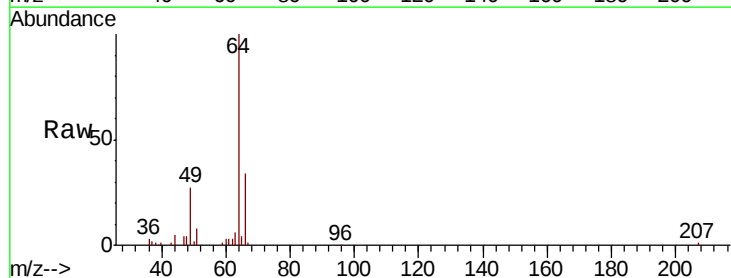
Acq: 18 Aug 2020 21:30

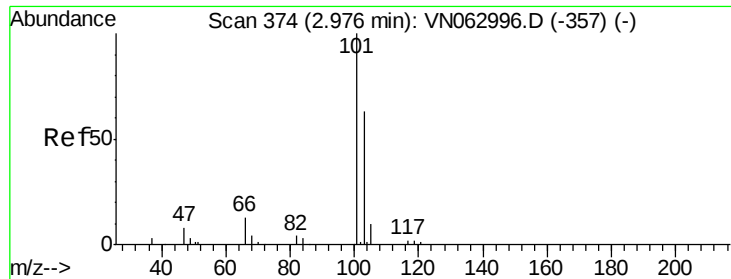
Tgt Ion: 64 Resp: 77574

Ion Ratio Lower Upper

64 100

66 34.0 25.4 38.0



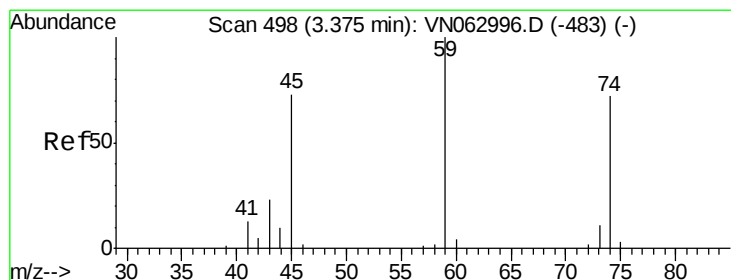
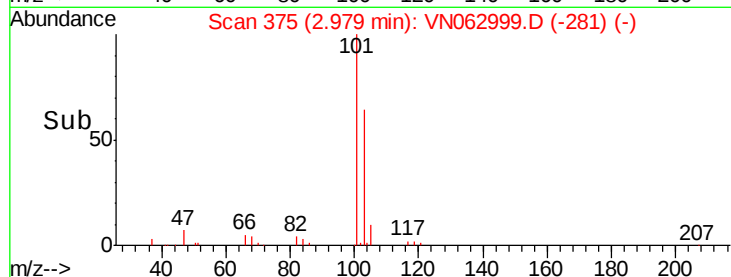
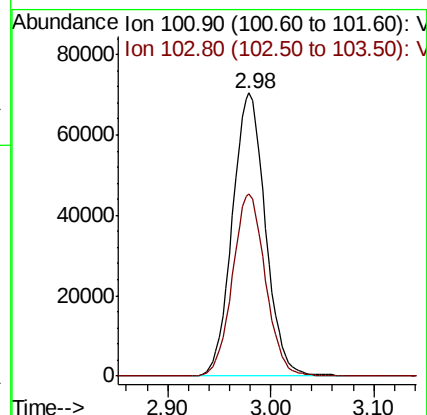
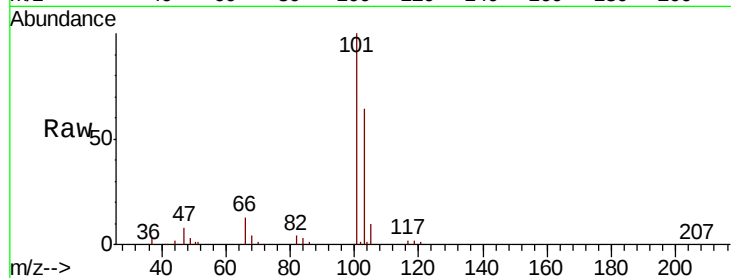


#7

Trichlorofluoromethane
 Concen: 52.918 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
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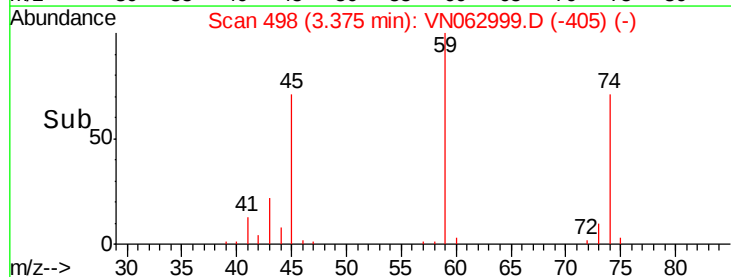
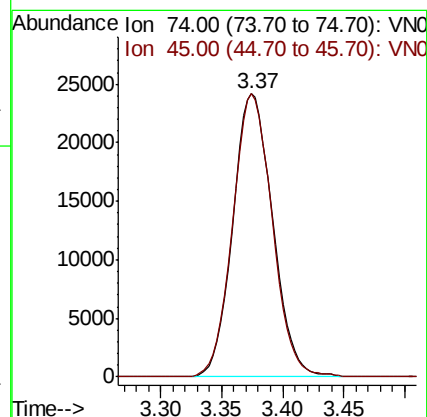
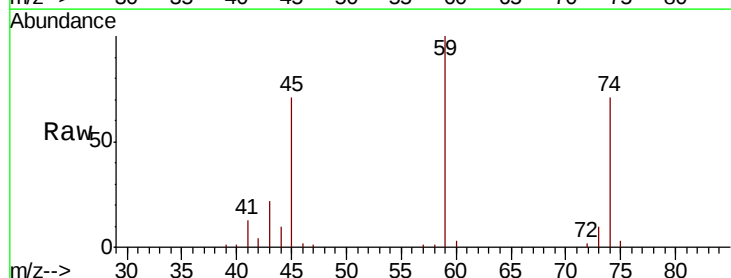
Tot Ion:101 Resp: 157190
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.5 75.7

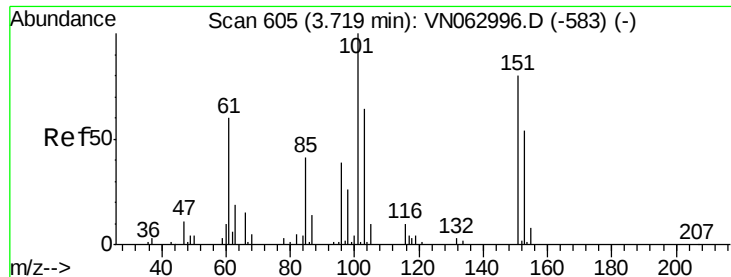


#8

Diethyl Ether
 Concen: 52.056 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion: 74 Resp: 54703
 Ion Ratio Lower Upper
 74 100
 45 99.5 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.332 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

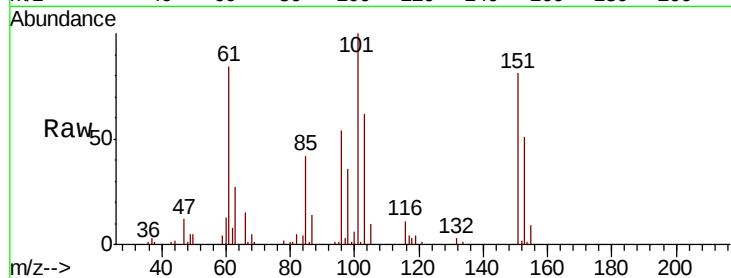
Tot Ion:101 Resp: 78963

Ion Ratio Lower Upper

101 100

85 42.8 34.0 51.0

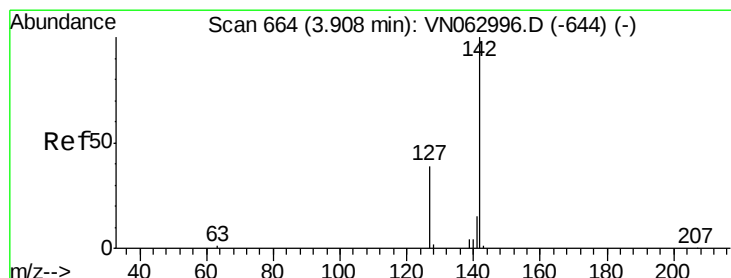
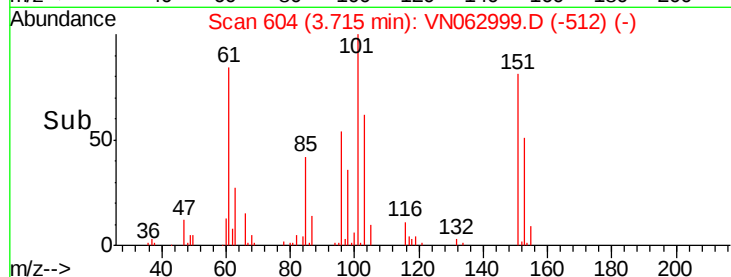
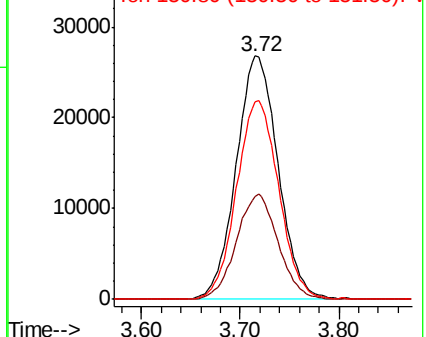
151 82.2 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.194 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

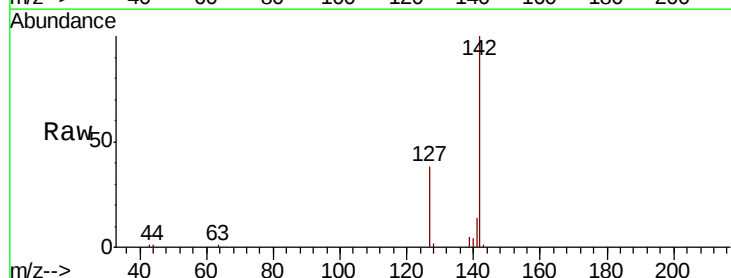
Tgt Ion:142 Resp: 101837

Ion Ratio Lower Upper

142 100

127 39.9 32.2 48.4

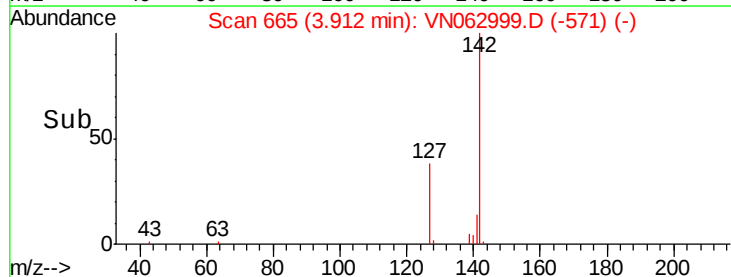
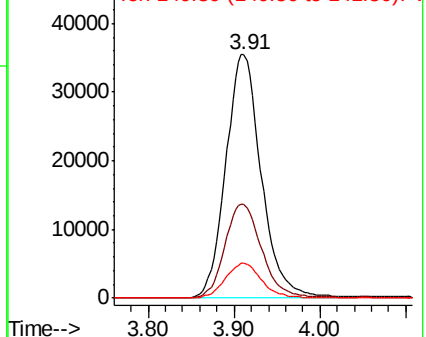
141 14.4 11.3 16.9

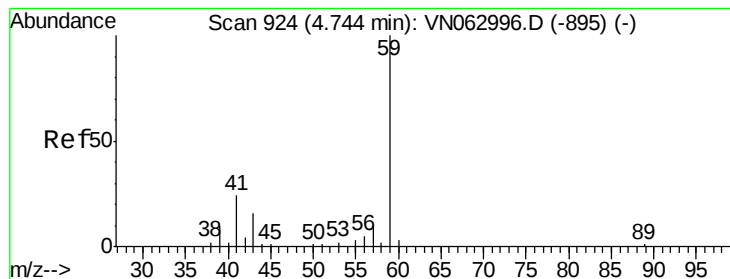


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



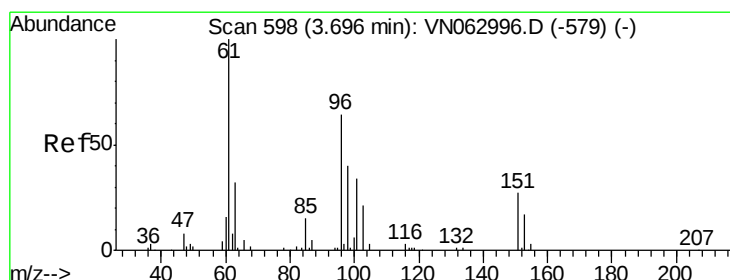
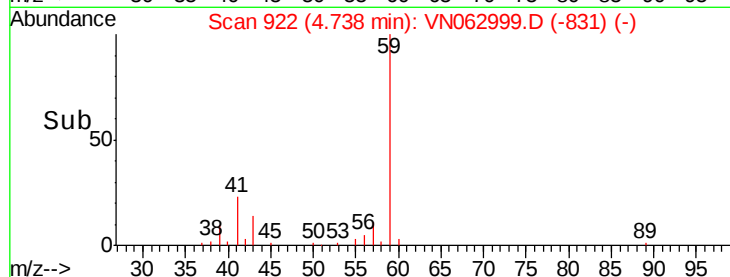
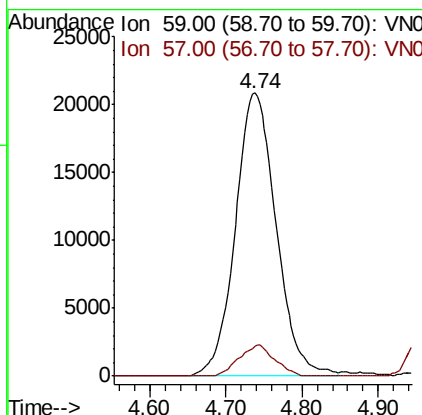
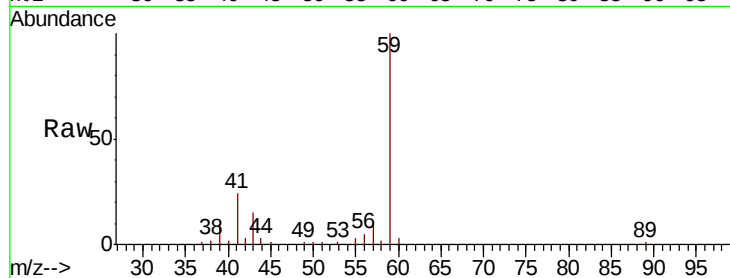


#11

Tert butyl alcohol
 Concen: 257.982 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

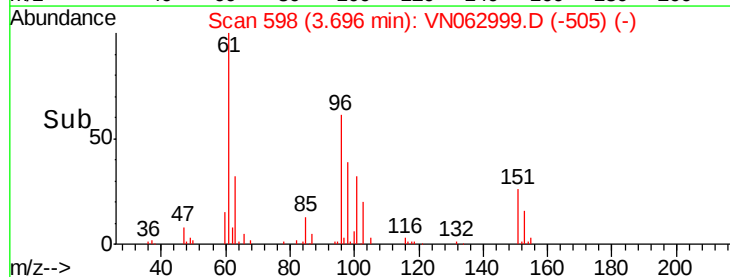
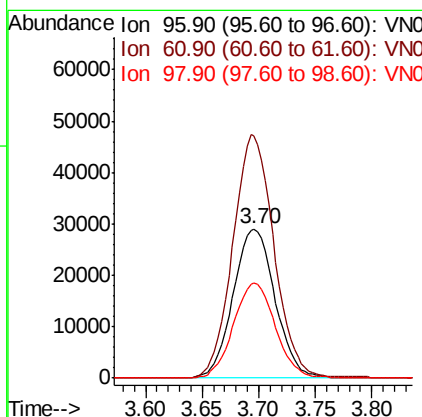
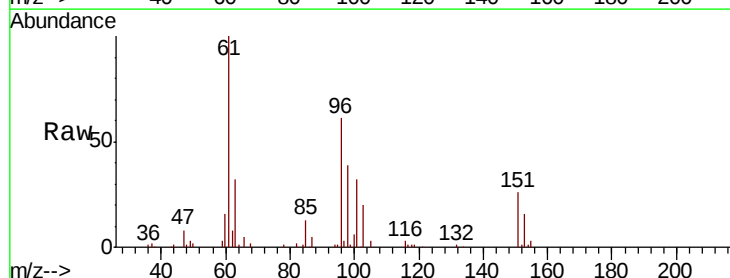
Tot Ion: 59 Resp: 77798
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.8 11.6

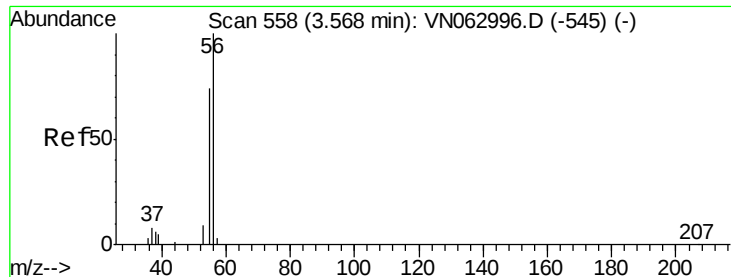


#12

1,1-Dichloroethene
 Concen: 48.999 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion: 96 Resp: 74714
 Ion Ratio Lower Upper
 96 100
 61 162.9 125.5 188.3
 98 64.2 50.4 75.6





#13

Acrolein

Concen: 174.274 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

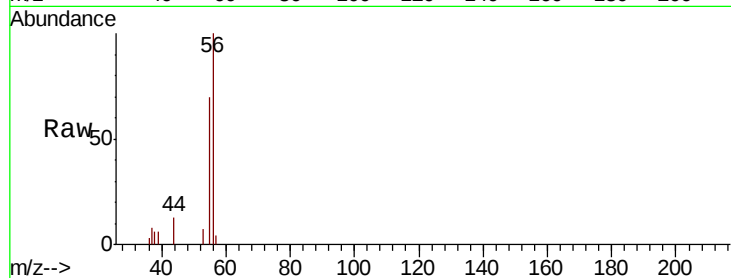
ICVVN081820

Tot Ion: 56 Resp: 16464

Ion Ratio Lower Upper

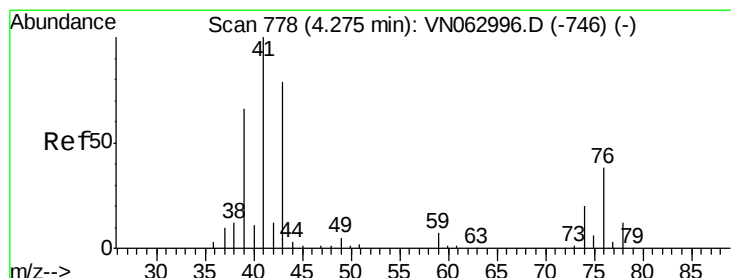
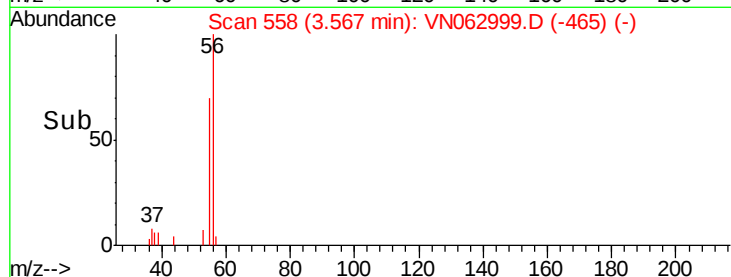
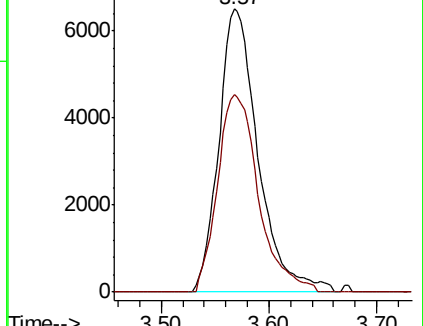
56 100

55 72.9 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN062999.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN062999.D (-545) (-)



#14

Allyl chloride

Concen: 50.122 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

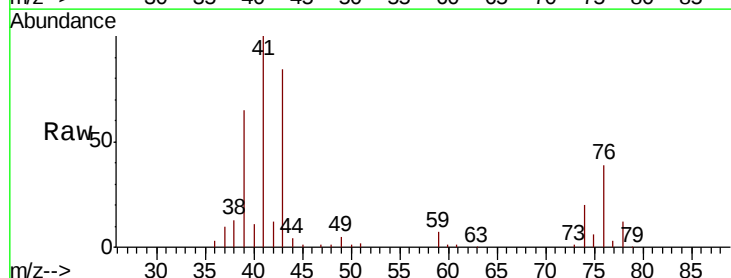
Tgt Ion: 41 Resp: 134752

Ion Ratio Lower Upper

41 100

39 58.6 47.9 71.9

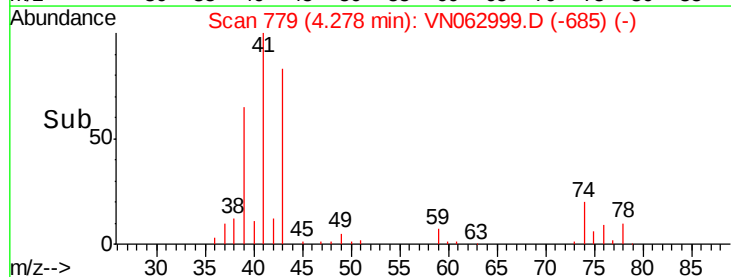
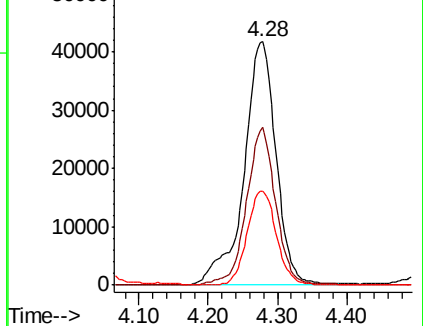
76 35.1 27.0 40.6

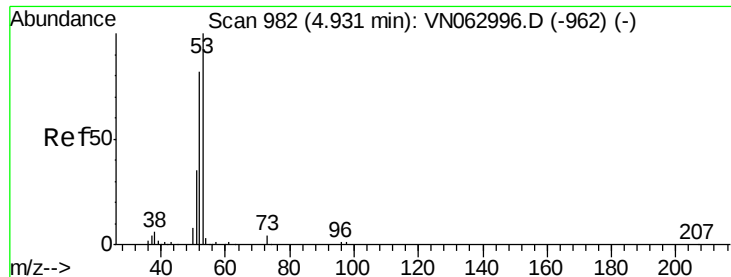


Abundance Ion 41.00 (40.70 to 41.70): VN062999.D (-746) (-)

Ion 39.00 (38.70 to 39.70): VN062999.D (-746) (-)

Ion 75.90 (75.60 to 76.60): VN062999.D (-746) (-)





#15

Acrylonitrile

Concen: 266.947 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

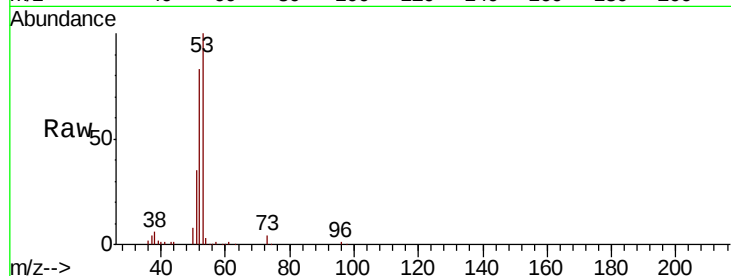
Tot Ion: 53 Resp: 236609

Ion Ratio Lower Upper

53 100

52 81.2 65.6 98.4

51 34.5 28.2 42.4

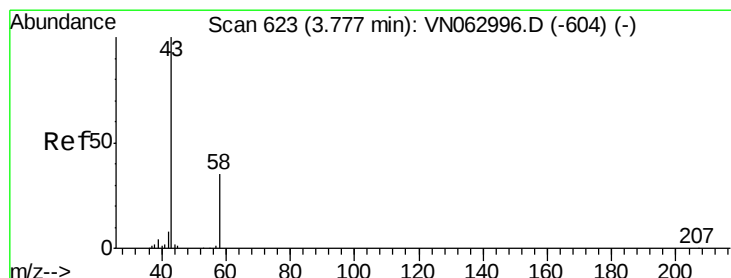
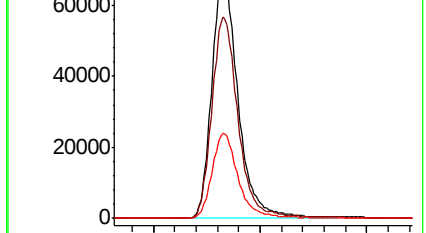
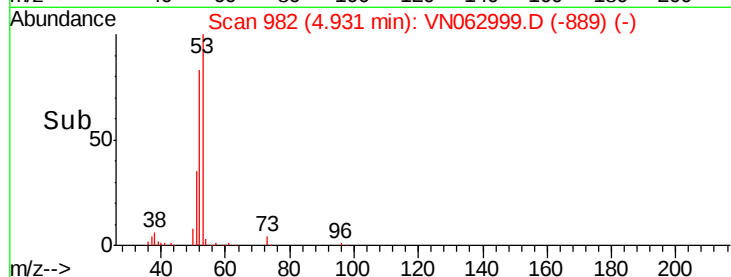


Abundance Ion 53.00 (52.70 to 53.70): VN062999.D (-962) (-)

Ion 52.00 (51.70 to 52.70): VN062999.D (-962) (-)

Ion 51.00 (50.70 to 51.70): VN062999.D (-962) (-)

Time-->



#16

Acetone

Concen: 260.715 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062999.D

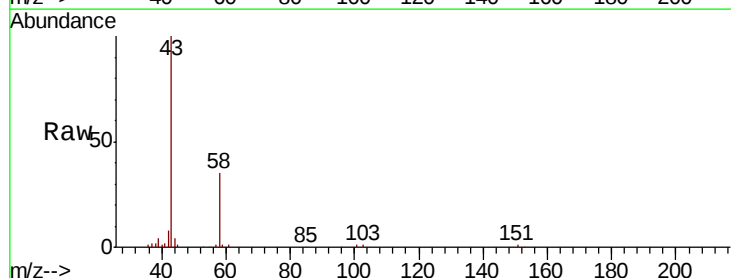
Acq: 18 Aug 2020 21:30

Tgt Ion: 43 Resp: 172978

Ion Ratio Lower Upper

43 100

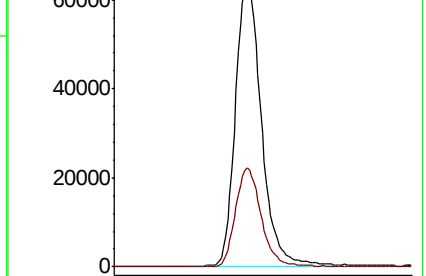
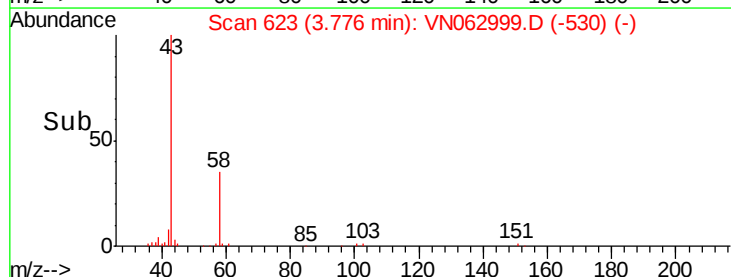
58 34.8 27.8 41.6

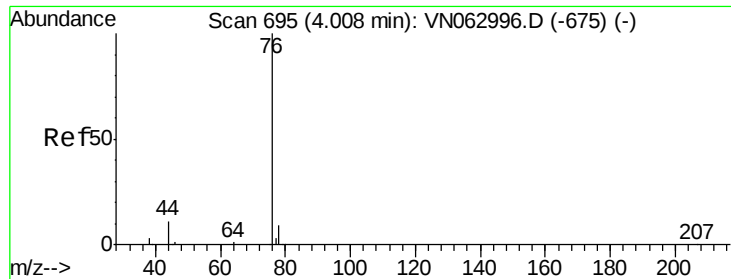


Abundance Ion 43.00 (42.70 to 43.70): VN062999.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062999.D (-604) (-)

Time-->

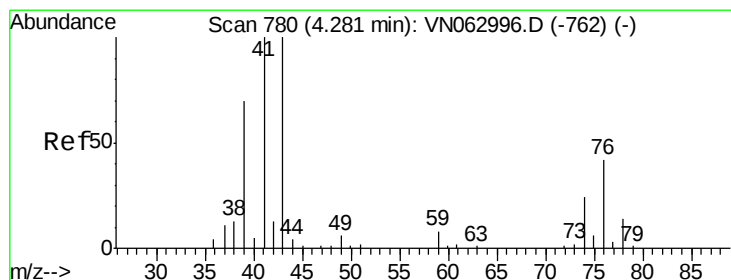
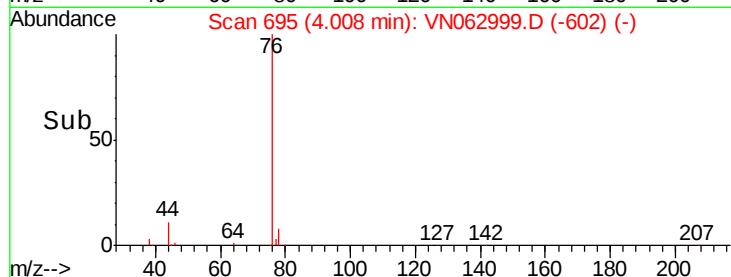
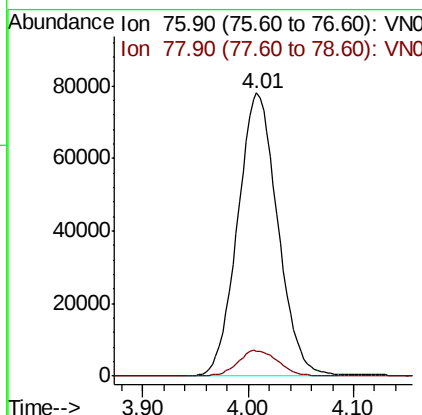
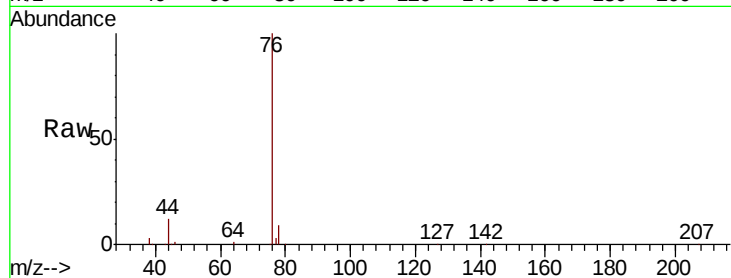




#17
Carbon Disulfide
Concen: 51.623 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

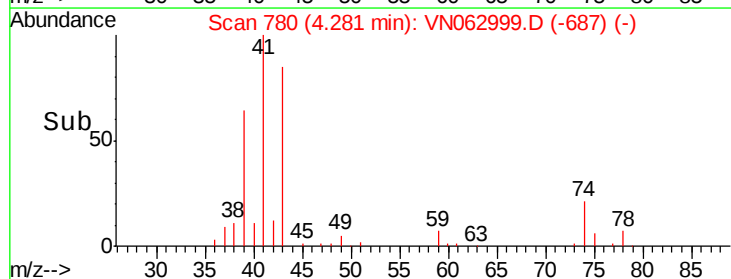
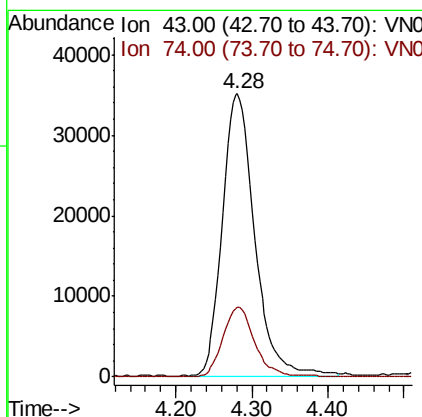
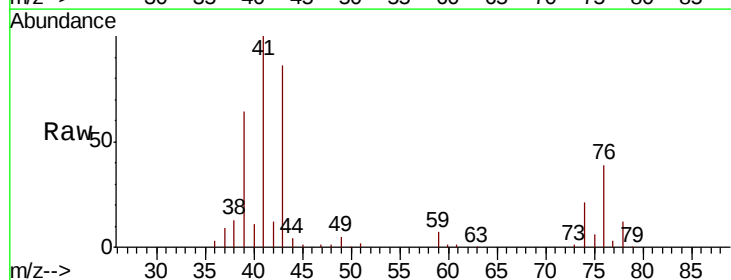
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

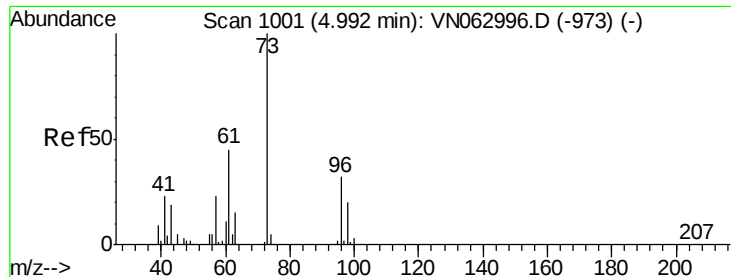
Tot Ion: 76 Resp: 206147
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 49.633 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion: 43 Resp: 105010
Ion Ratio Lower Upper
43 100
74 23.8 18.6 28.0

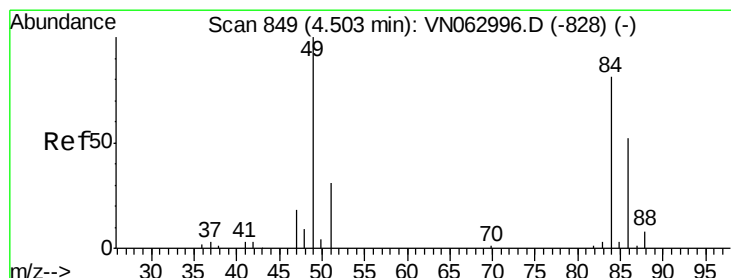
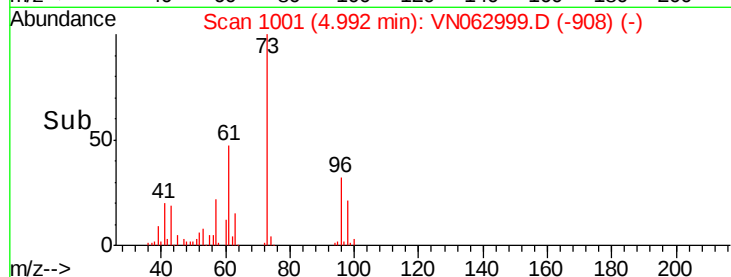
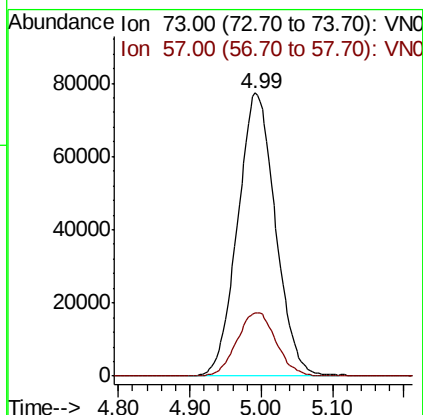
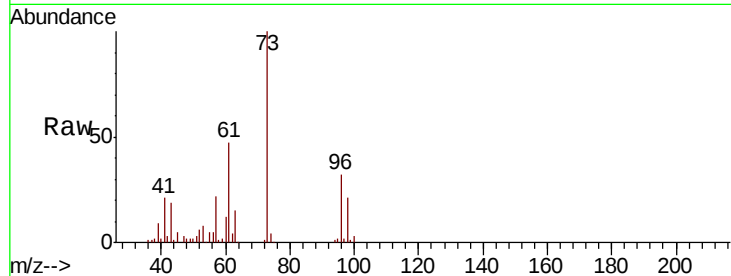




#19
Methvl tert-butvl Ether
Concen: 53.587 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

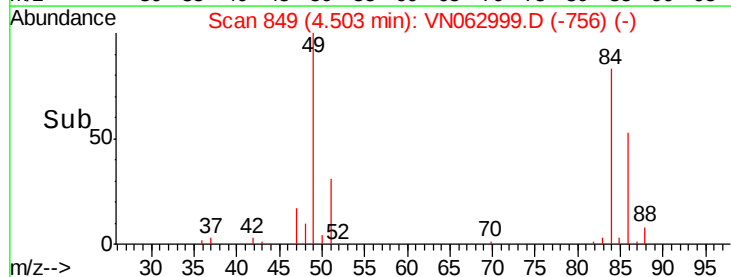
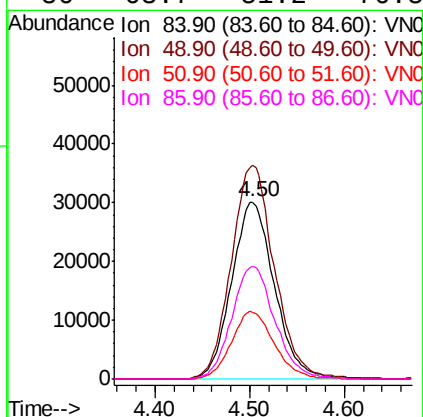
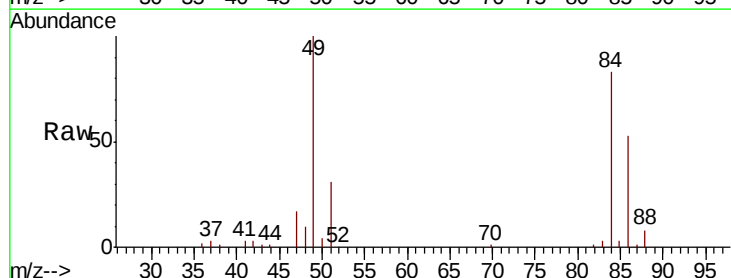
Instrument :
MSVOA_N
ClientSampleId :
ICVFN081820

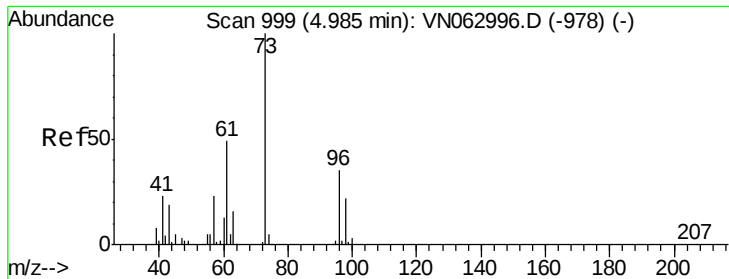
Tot Ion: 73 Resp: 284955
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1



#20
Methylene Chloride
Concen: 50.311 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion: 84 Resp: 94421
Ion Ratio Lower Upper
84 100
49 120.6 98.7 148.1
51 37.9 30.8 46.2
86 63.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 50.903 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

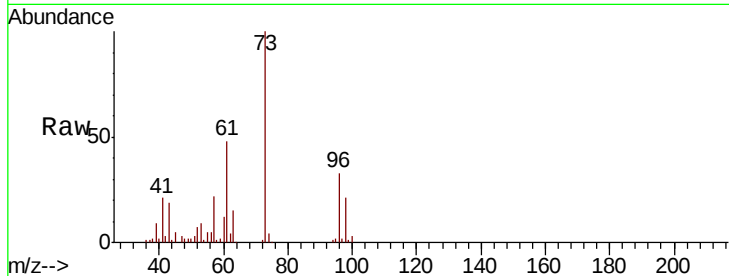
Tot Ion: 96 Resp: 81227

Ion Ratio Lower Upper

96 100

61 144.3 112.5 168.7

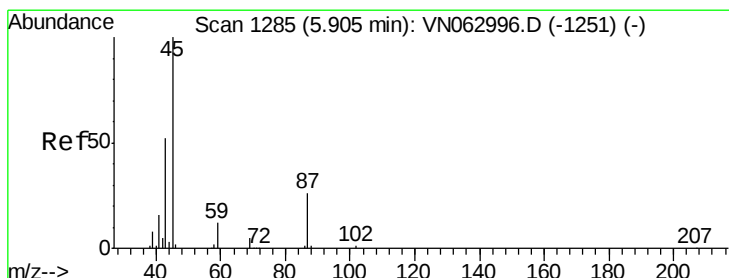
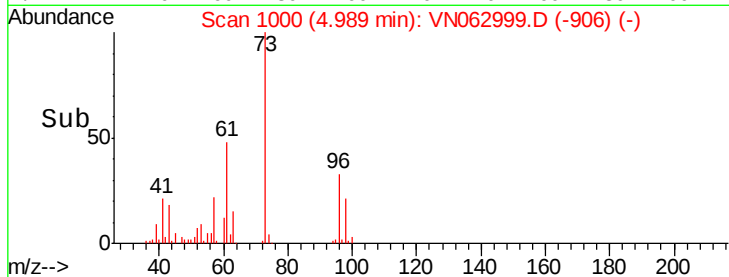
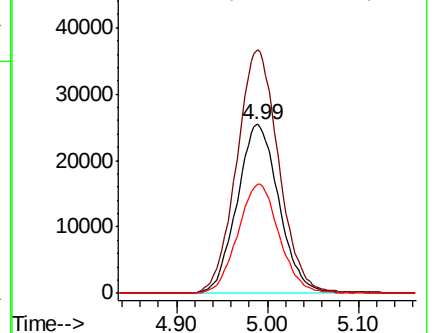
98 64.4 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN062999.D (-995) (-)

Ion 60.90 (60.60 to 61.60): VN062999.D (-995) (-)

Ion 97.90 (97.60 to 98.60): VN062999.D (-995) (-)



#22

Diisopropyl ether

Concen: 53.131 ug/l

RT: 5.90 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Tgt Ion: 45 Resp: 324148

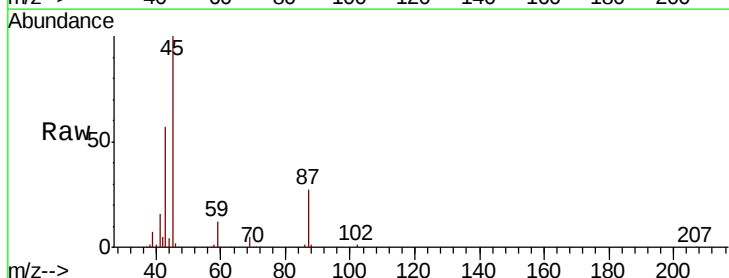
Ion Ratio Lower Upper

45 100

43 55.3 45.7 68.5

87 27.1 21.8 32.6

59 11.8 9.3 13.9

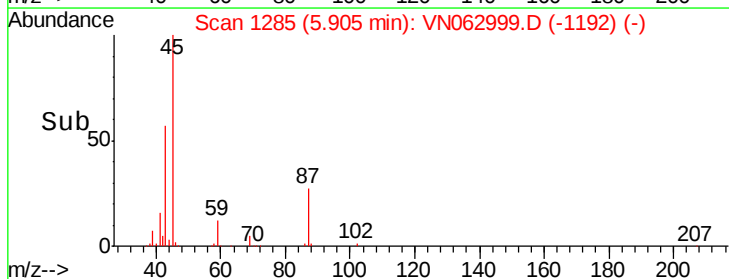
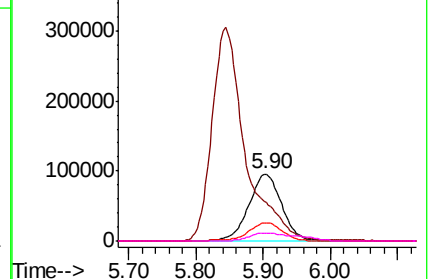


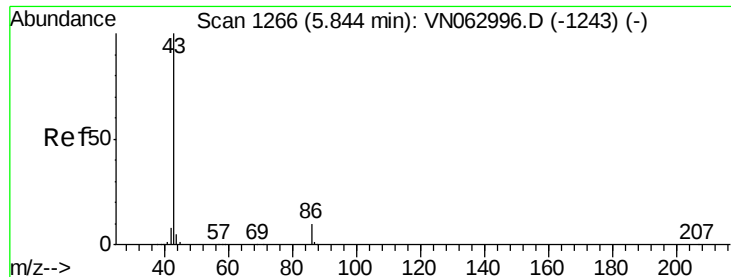
Abundance Ion 45.00 (44.70 to 45.70): VN062999.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN062999.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN062999.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN062999.D (-1192) (-)





#23

Vinyl Acetate

Concen: 255.090 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

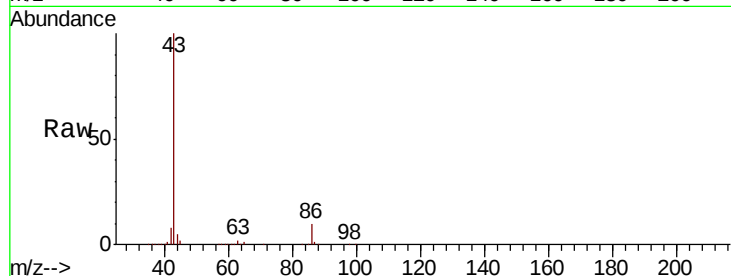
ICVFN081820

Tot Ion: 43 Resp: 1050200

Ion Ratio Lower Upper

43 100

86 10.2 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN062999.D (-1243) (-)

Ion 86.00 (85.70 to 86.70): VN062999.D (-1243) (-)

5.84

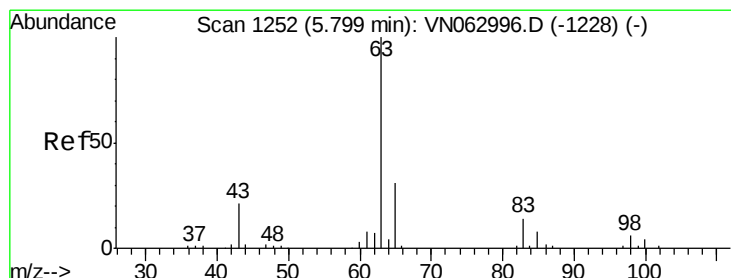
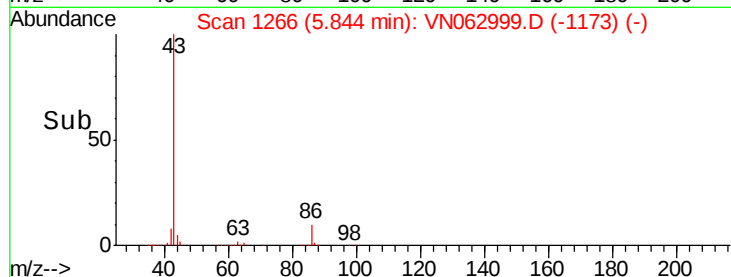
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.686 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

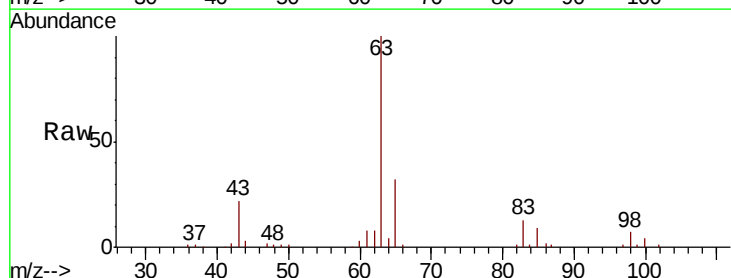
Tgt Ion: 63 Resp: 169391

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.7

100 4.2 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN062999.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062999.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062999.D (-1228) (-)

5.80

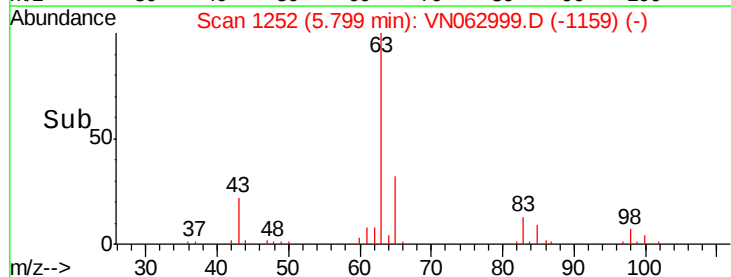
60000

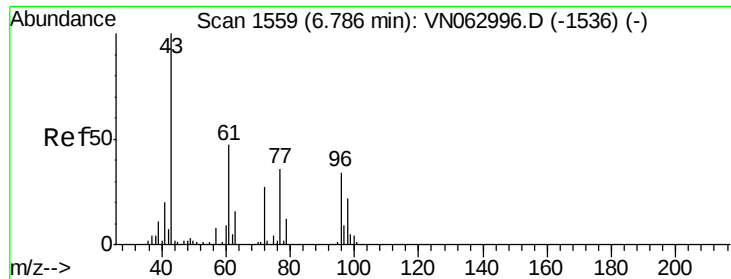
40000

20000

0

Time-->





#25

2-Butanone

Concen: 251.312 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampled :

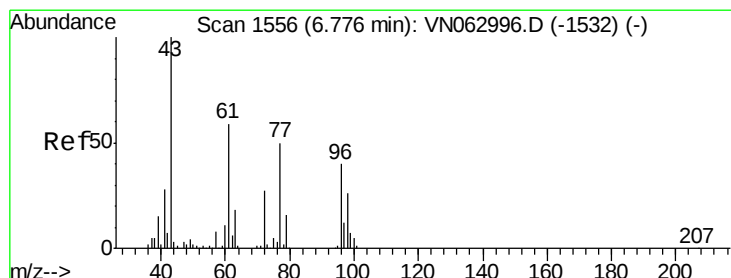
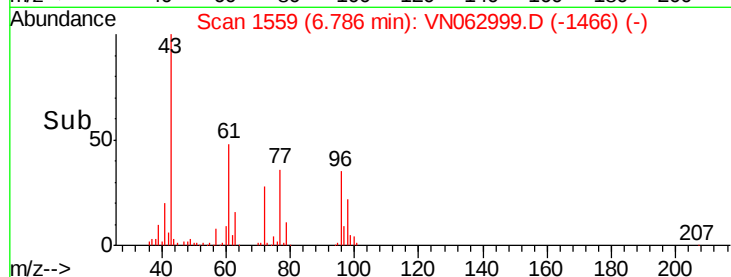
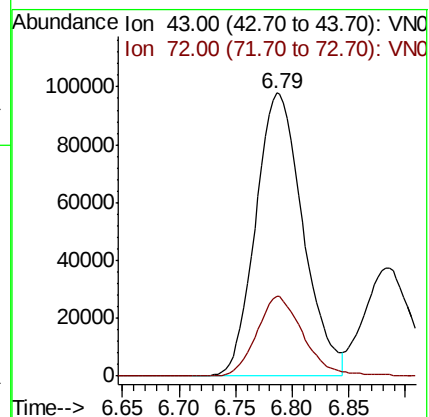
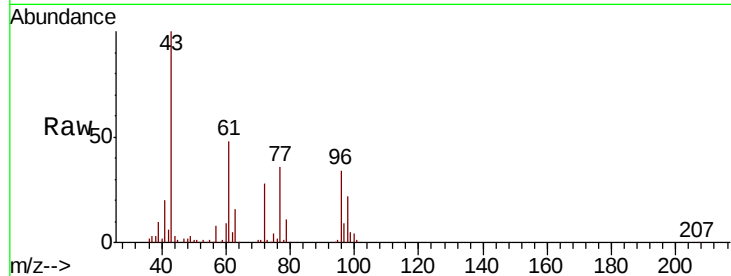
ICVVN081820

Tot Ion: 43 Resp: 284056

Ion Ratio Lower Upper

43 100

72 28.3 21.8 32.6



#26

2,2-Dichloropropane

Concen: 46.578 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062999.D

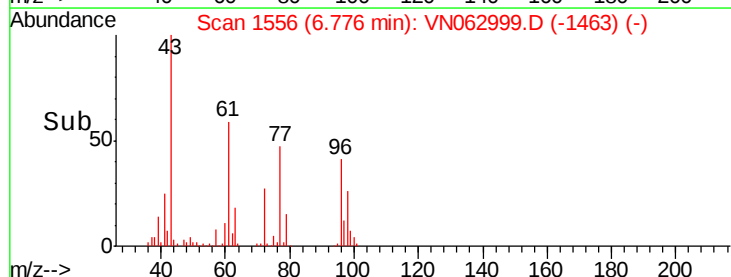
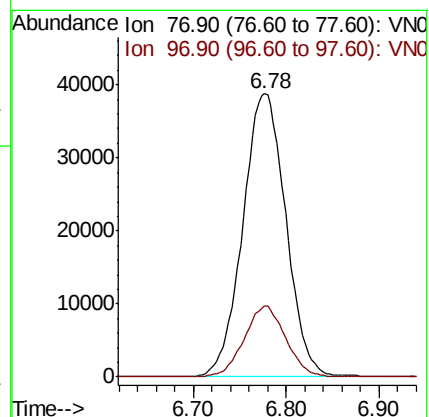
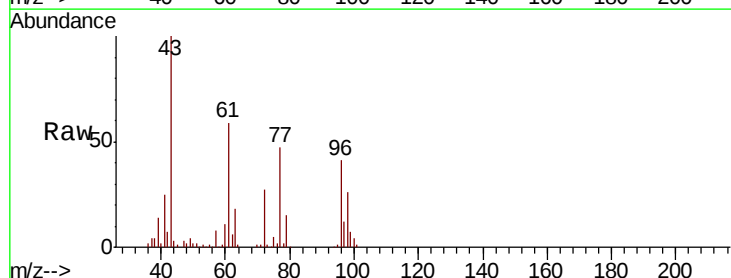
Acq: 18 Aug 2020 21:30

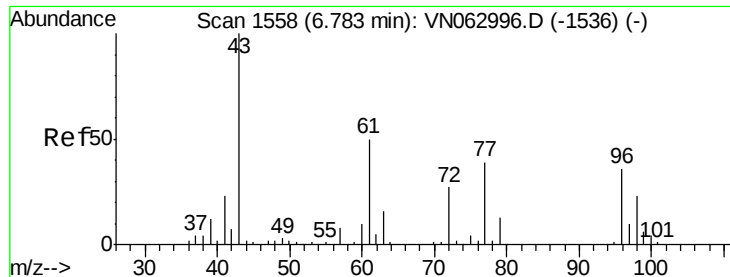
Tgt Ion: 77 Resp: 124884

Ion Ratio Lower Upper

77 100

97 24.0 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 51.327 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

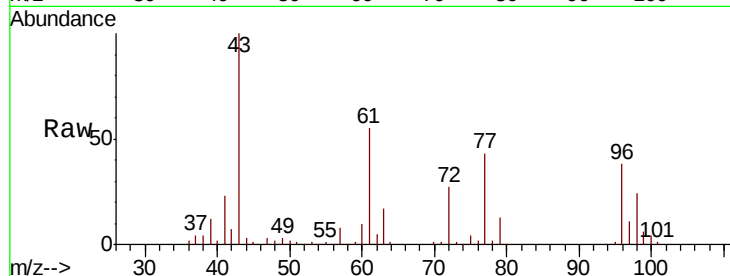
Tot Ion: 96 Resp: 102659

Ion Ratio Lower Upper

96 100

61 142.3 0.0 292.8

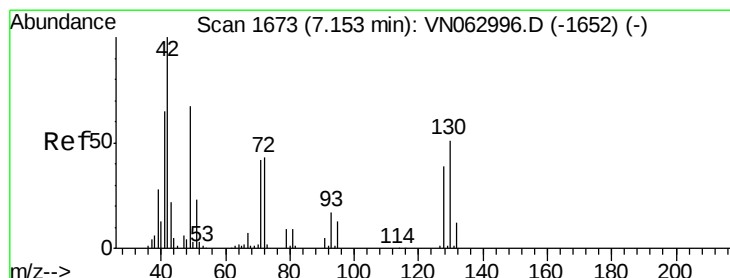
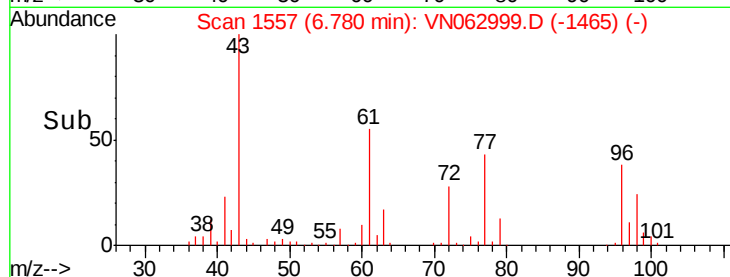
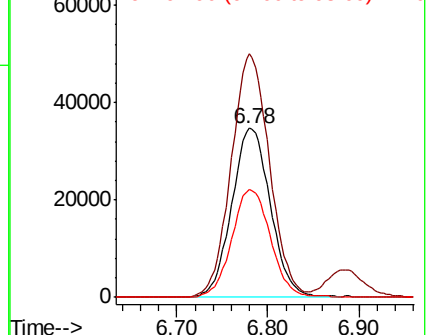
98 63.6 0.0 130.6



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: 47.697 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

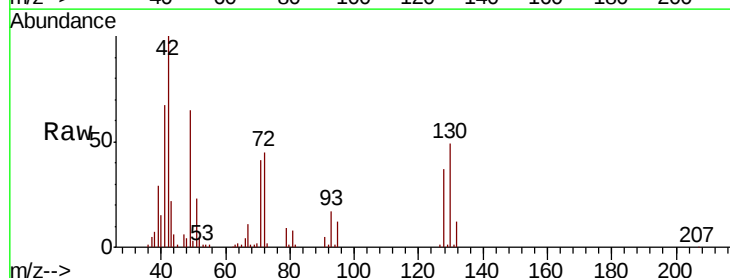
Tgt Ion: 49 Resp: 85082

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

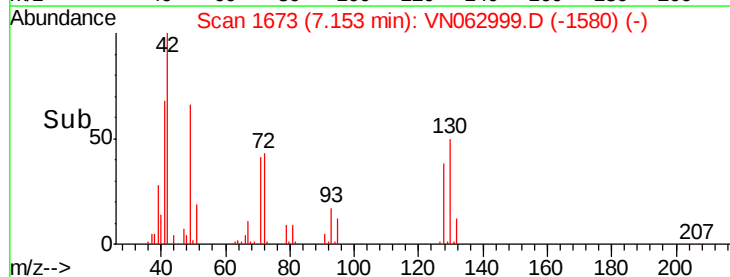
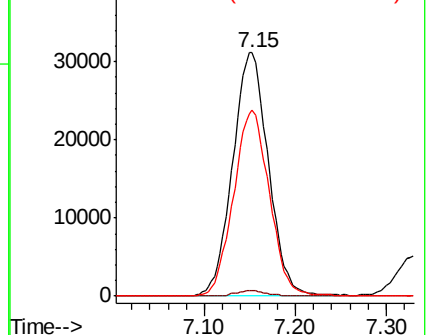
130 76.4 61.1 91.7

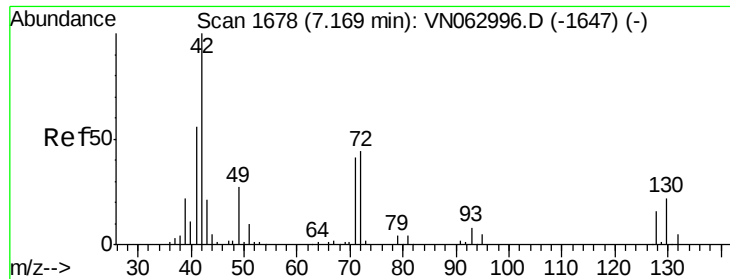


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

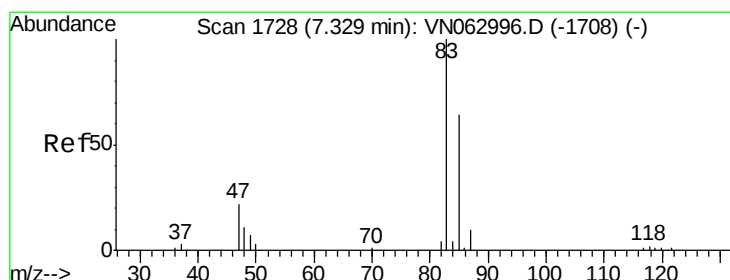
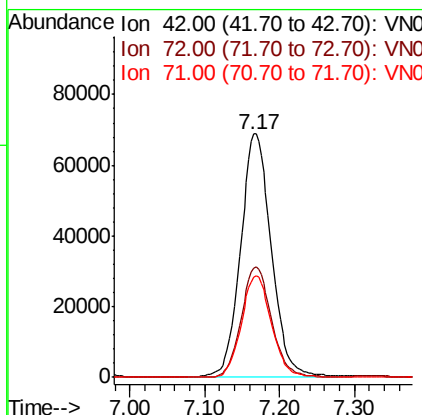
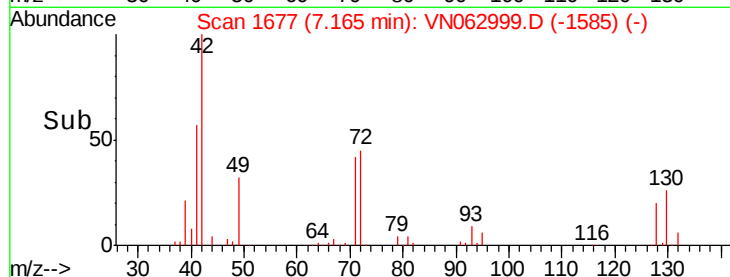
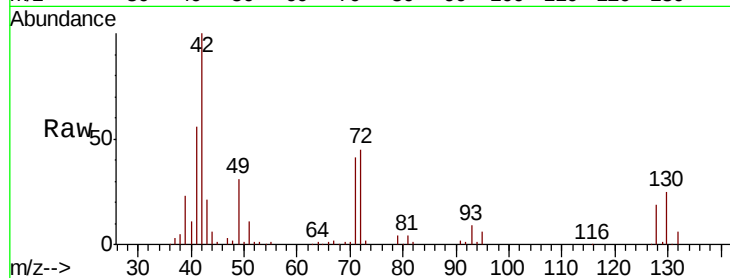




#29
Tetrahydrofuran
Concen: 270.965 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

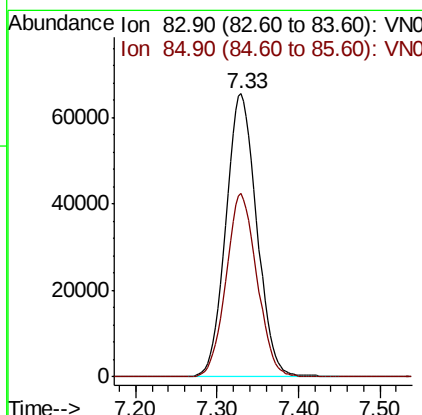
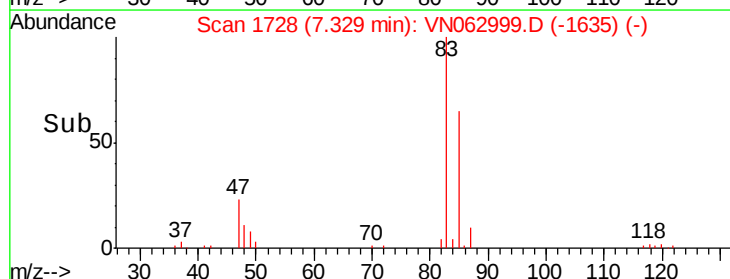
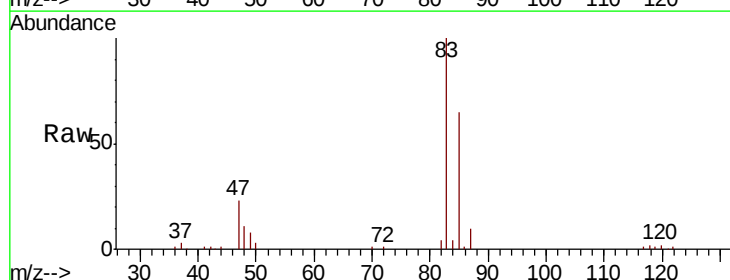
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

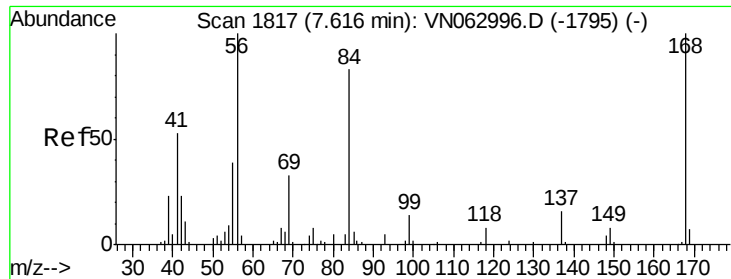
Tot Ion: 42 Resp: 197666
Ion Ratio Lower Upper
42 100
72 44.3 34.6 52.0
71 40.5 32.3 48.5



#30
Chloroform
Concen: 50.725 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion: 83 Resp: 174167
Ion Ratio Lower Upper
83 100
85 64.6 51.5 77.3

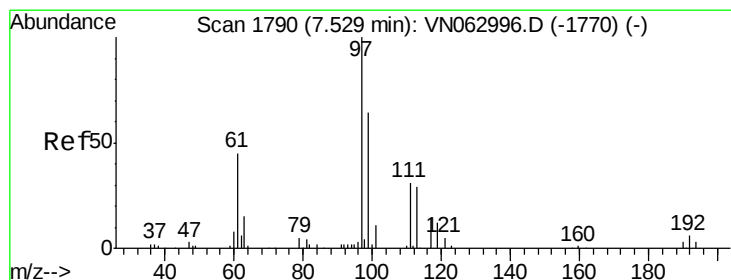
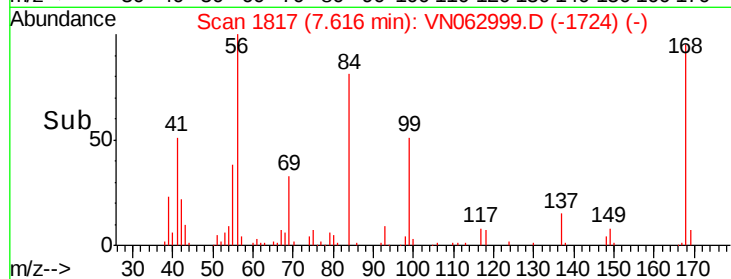
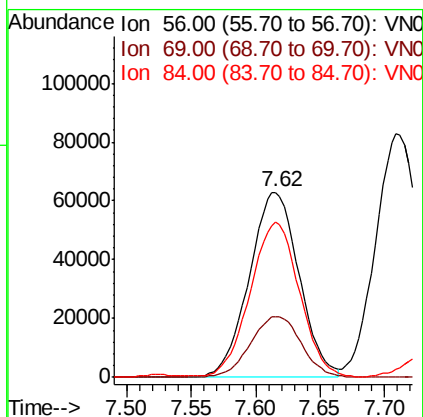
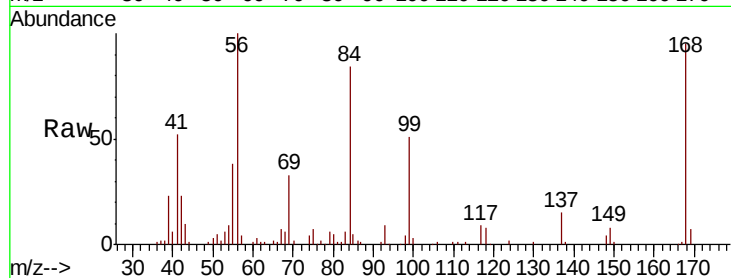




#31
Cyclohexane
Concen: 53.912 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

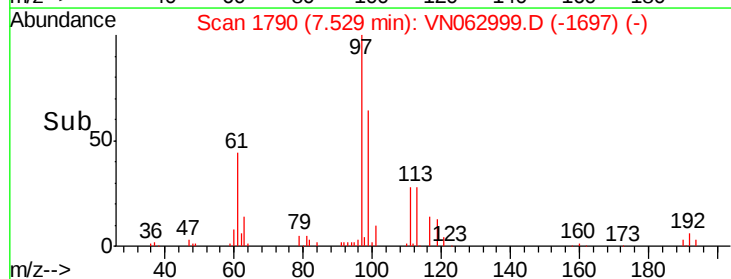
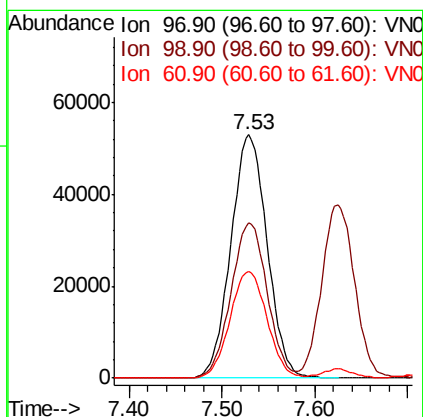
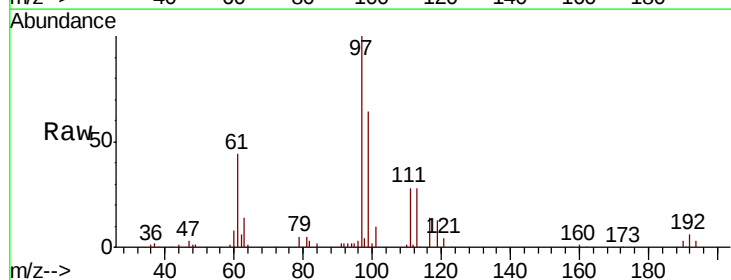
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

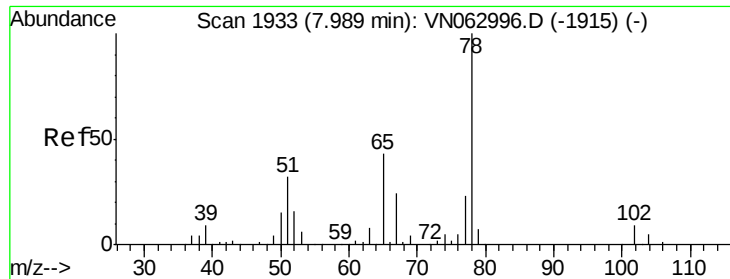
Tot Ion: 56 Resp: 169166
Ion Ratio Lower Upper
56 100
69 32.9 26.6 40.0
84 82.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.334 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion: 97 Resp: 143897
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 44.8 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 49.001 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

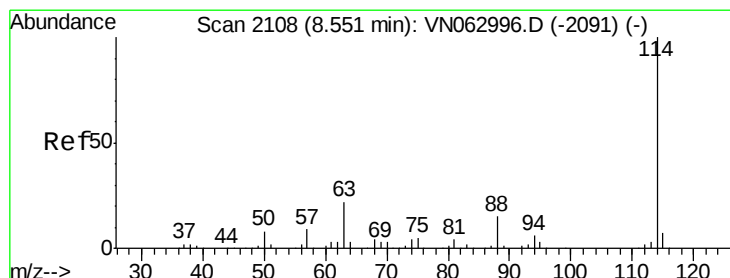
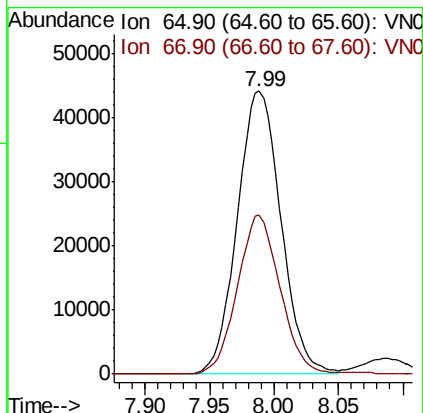
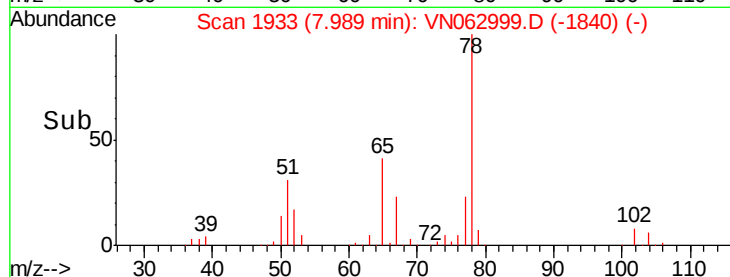
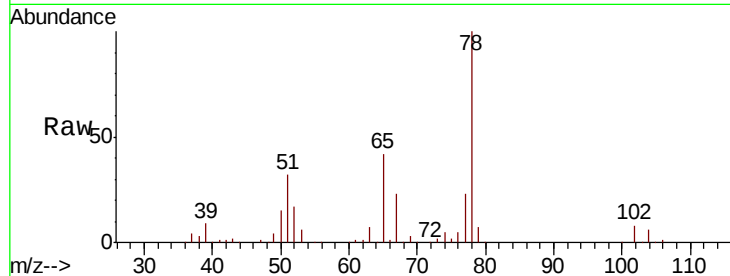
ICVFN081820

Tot Ion: 65 Resp: 104323

Ion Ratio Lower Upper

65 100

67 54.8 0.0 112.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

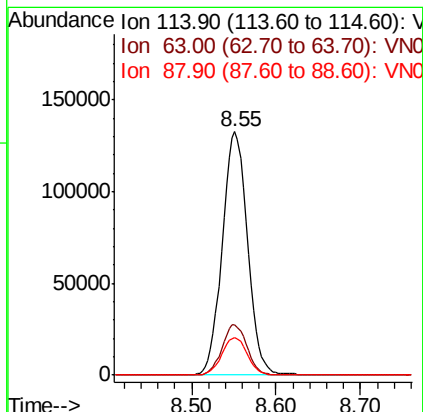
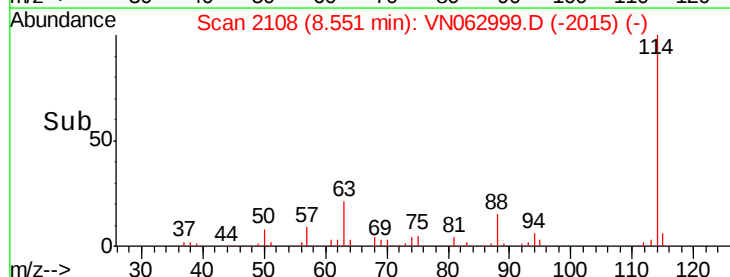
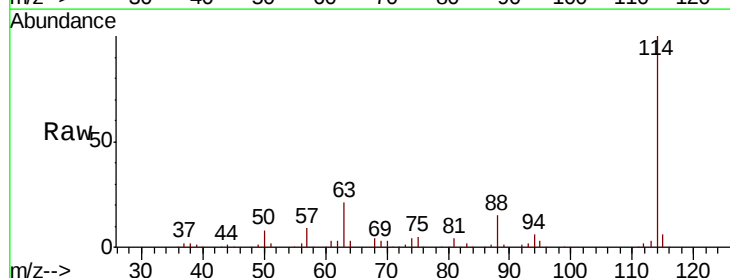
Tgt Ion: 114 Resp: 276690

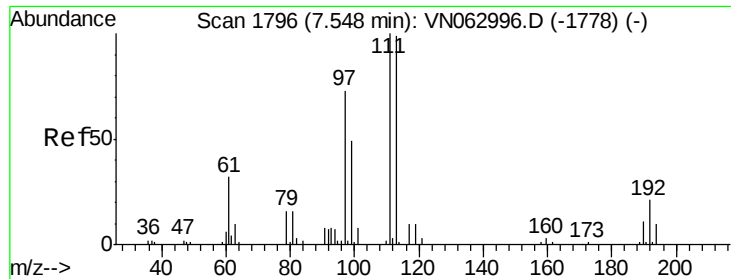
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 15.3 0.0 30.6

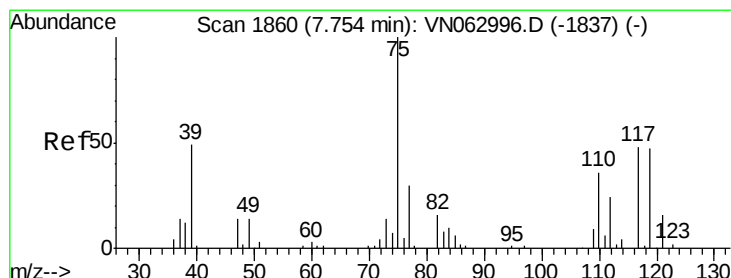
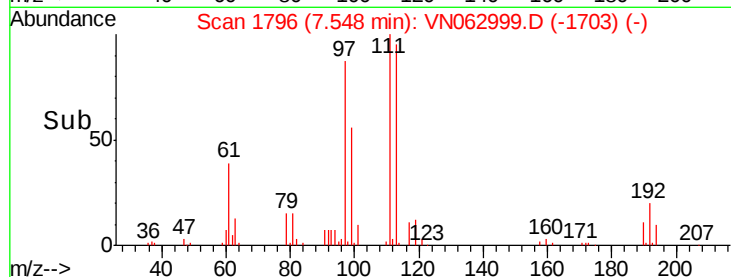
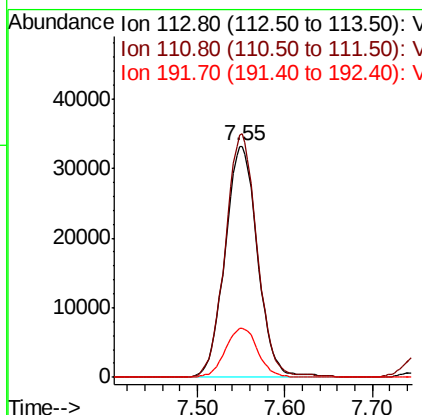
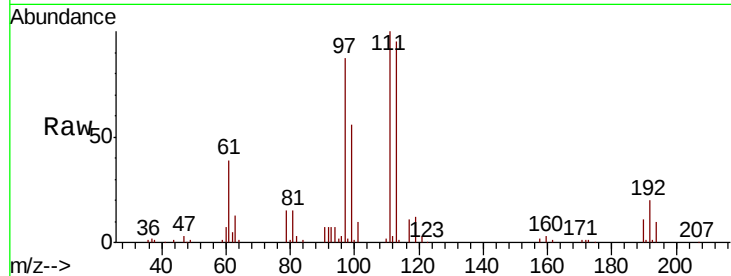




#35
 Dibromofluoromethane
 Concen: 47.478 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

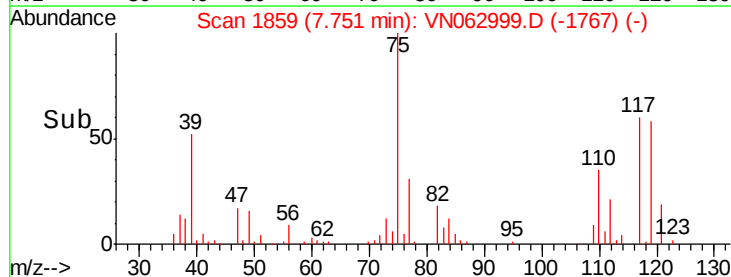
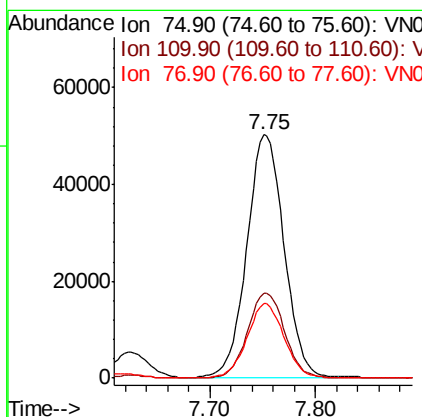
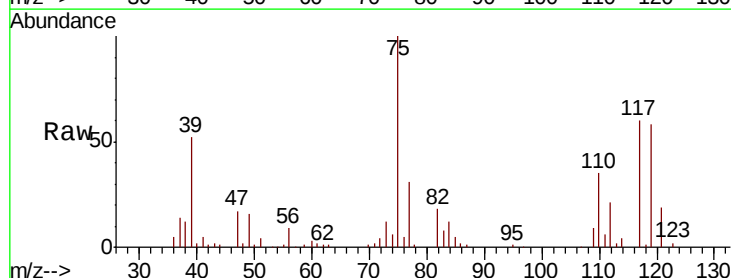
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

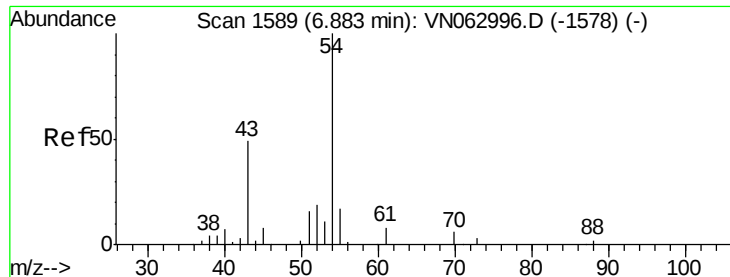
Tot Ion:113 Resp: 85598
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.7 122.5
 192 21.1 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 50.891 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion: 75 Resp: 124089
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.5 52.6
 77 30.5 24.2 36.4

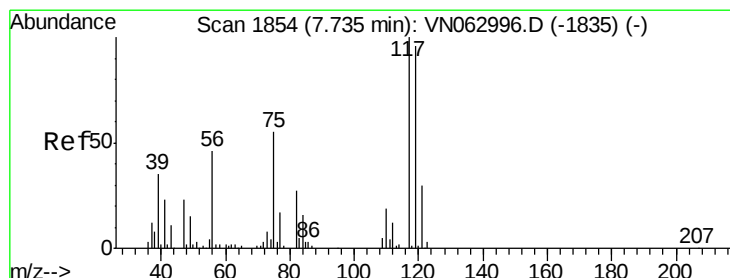
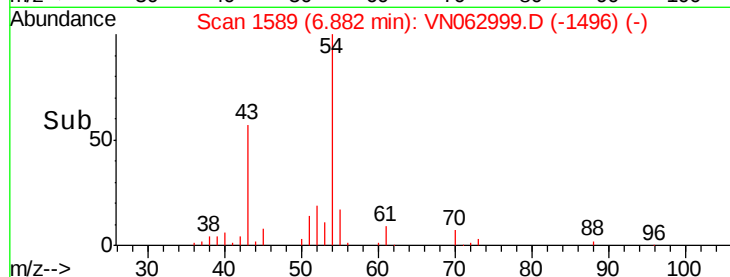
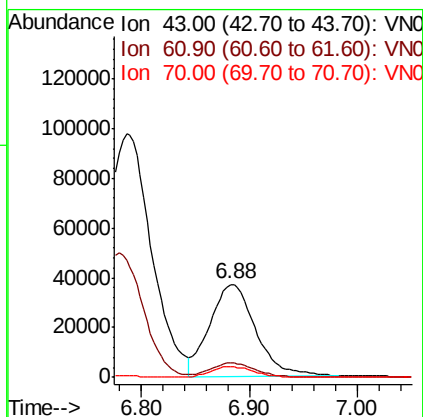
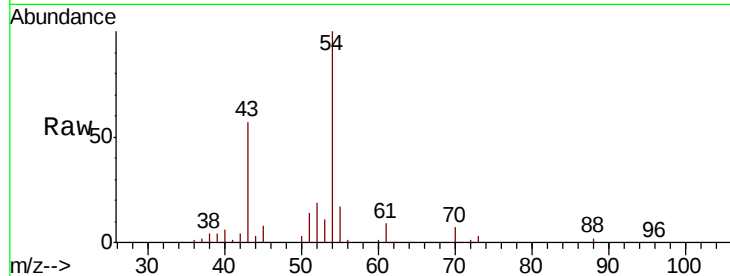




#37
Ethyl Acetate
Concen: 47.678 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

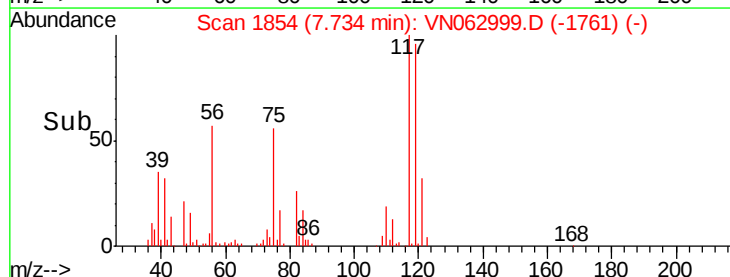
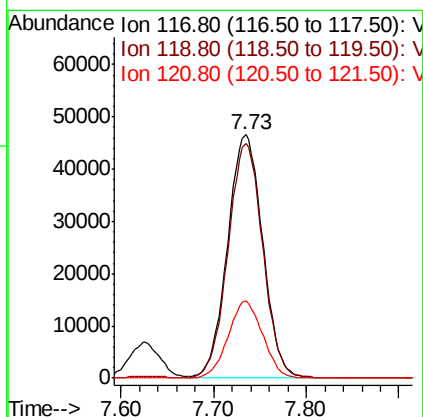
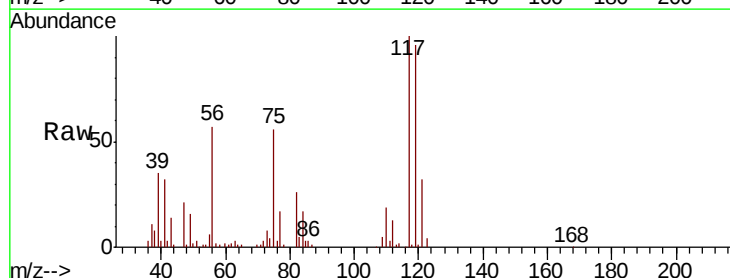
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

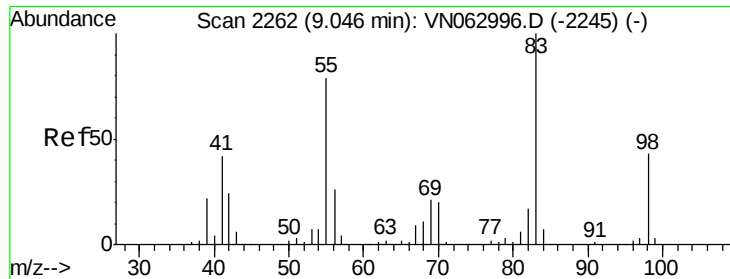
Tot Ion: 43 Resp: 108931
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.8
70 11.2 8.2 12.2



#38
Carbon Tetrachloride
Concen: 49.819 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion: 117 Resp: 122639
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.4
121 31.6 24.2 36.2

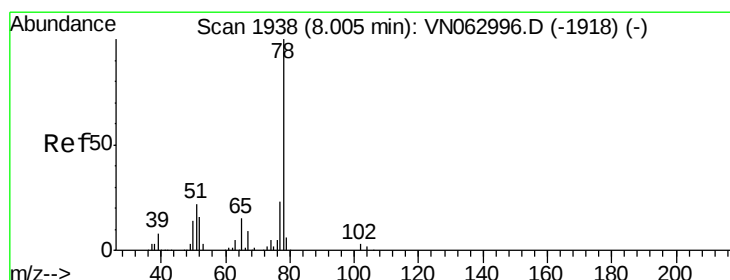
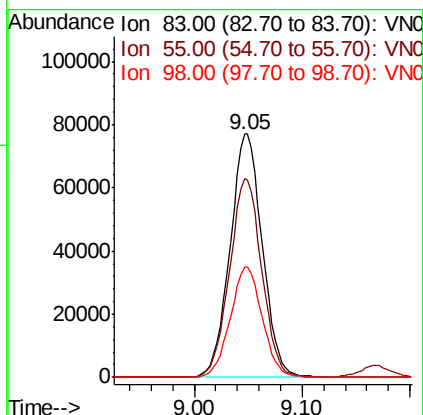
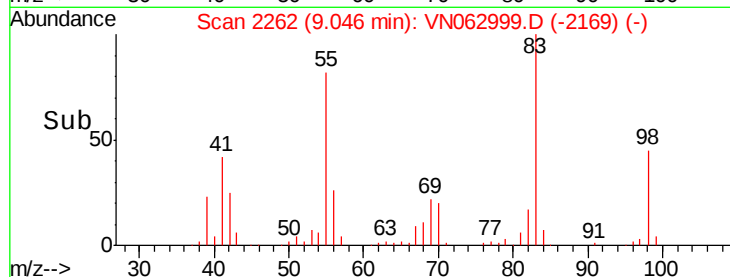
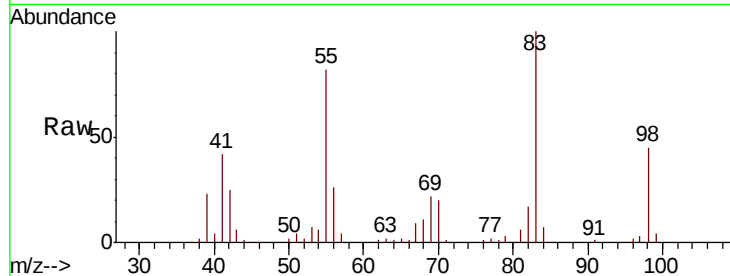




#39
Methvlcvclohexane
Concen: 48.763 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

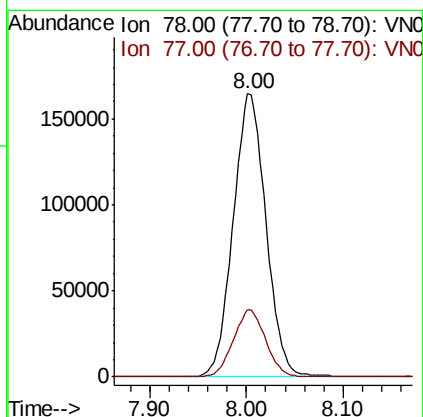
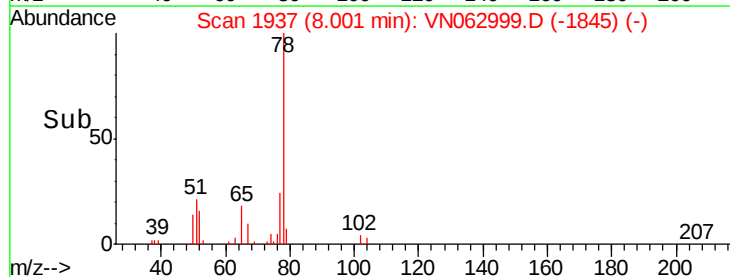
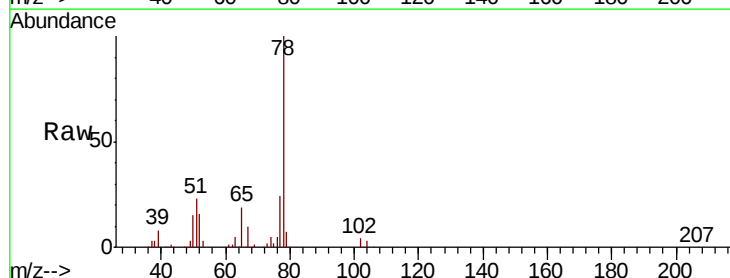
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

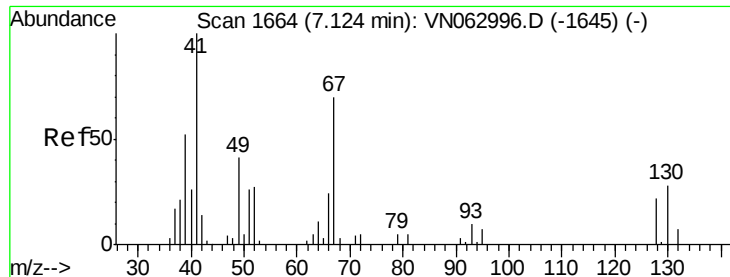
Tot Ion: 83 Resp: 160395
Ion Ratio Lower Upper
83 100
55 81.6 63.3 94.9
98 45.1 34.2 51.4



#40
Benzene
Concen: 50.159 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion: 78 Resp: 387906
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2

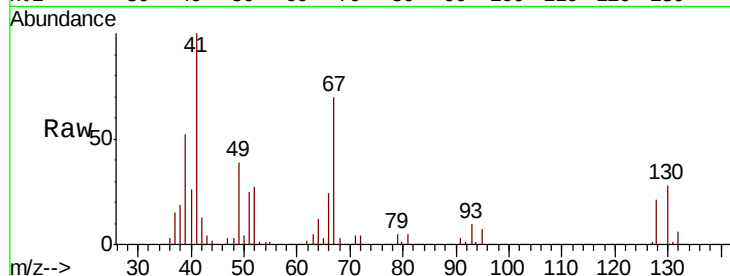




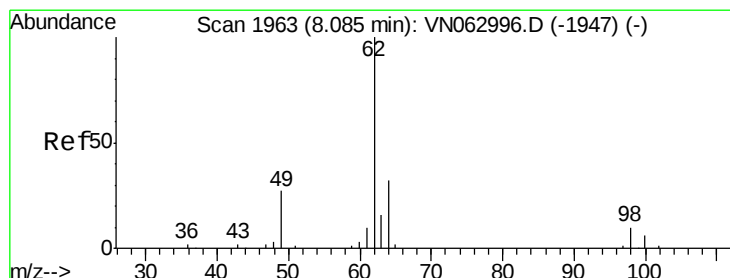
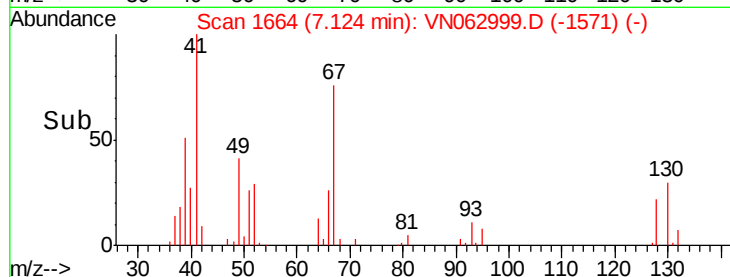
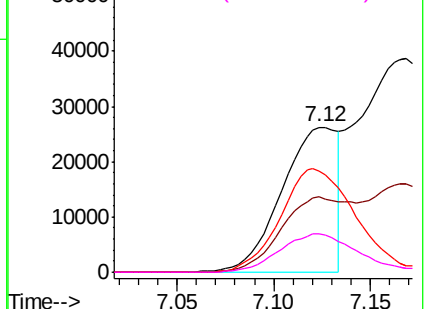
#41
Methacrylonitrile
Concen: 48.498 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

Tot Ion: 41 Resp: 52794
Ion Ratio Lower Upper
41 100
39 65.8 41.6 62.4#
67 97.2 71.8 107.8
52 38.0 28.2 42.4

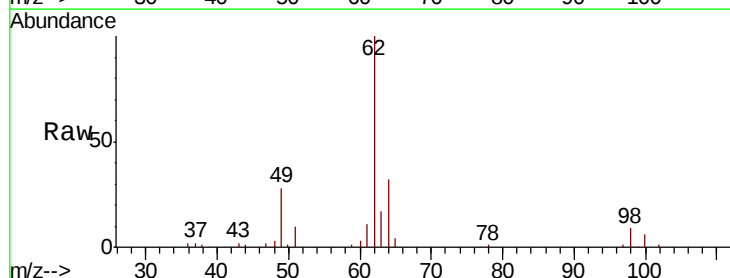


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

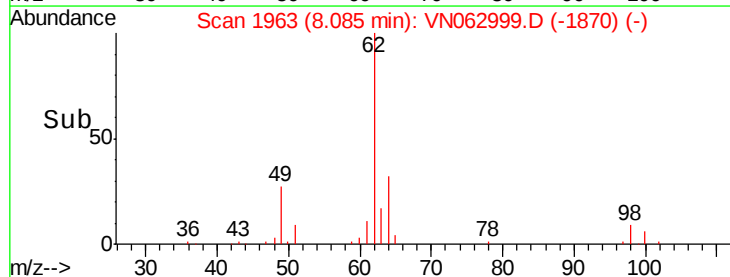
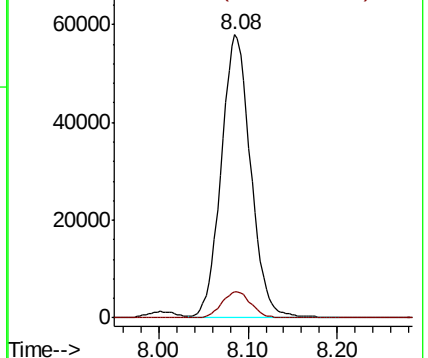


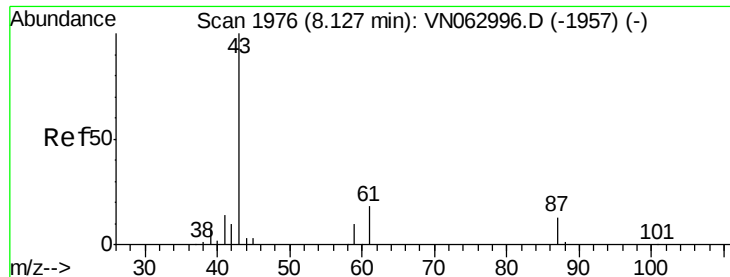
#42
1,2-Dichloroethane
Concen: 51.124 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion: 62 Resp: 132754
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 50.776 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

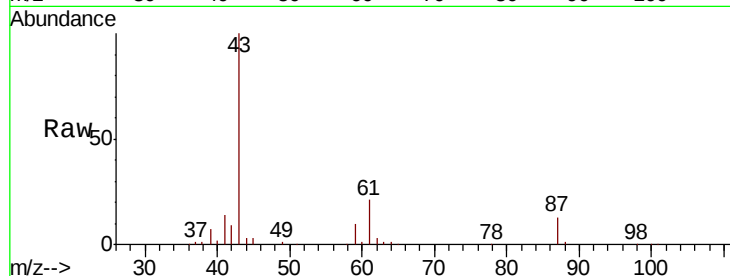
Tot Ion: 43 Resp: 192194

Ion Ratio Lower Upper

43 100

61 28.8 22.6 33.8

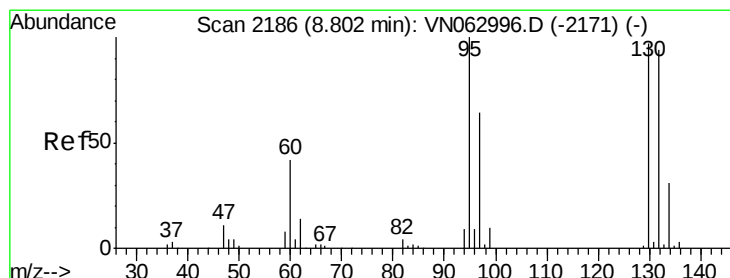
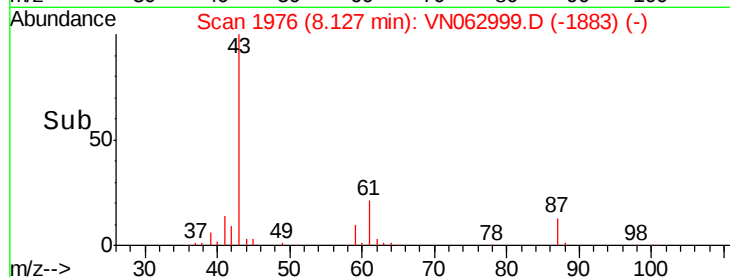
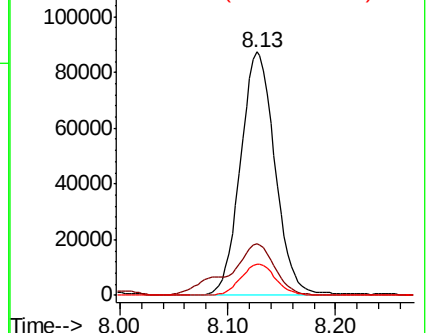
87 13.1 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062999.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062999.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062999.D (-1957) (-)



#44

Trichloroethene

Concen: 49.325 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062999.D

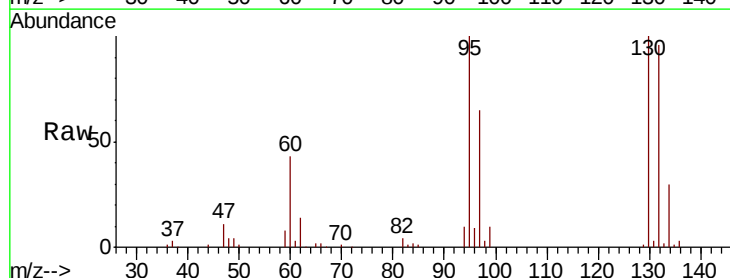
Acq: 18 Aug 2020 21:30

Tgt Ion:130 Resp: 94885

Ion Ratio Lower Upper

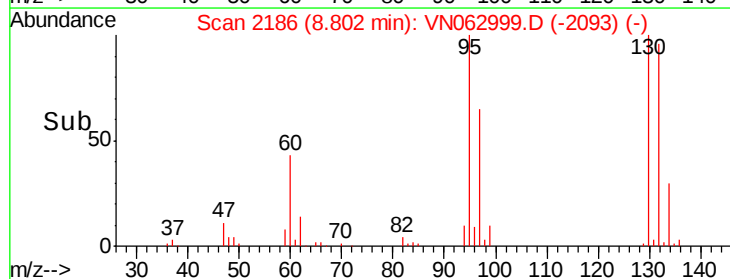
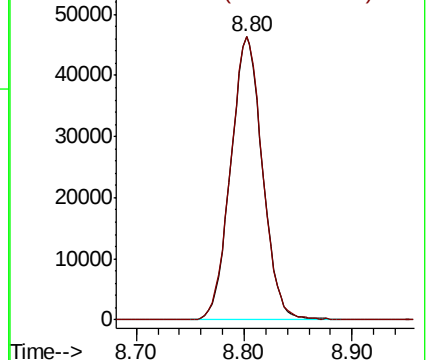
130 100

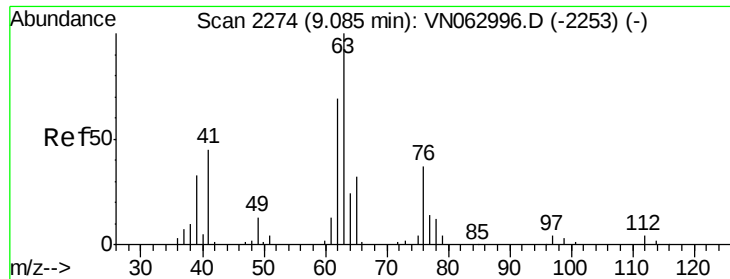
95 100.1 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062999.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062999.D (-2171) (-)

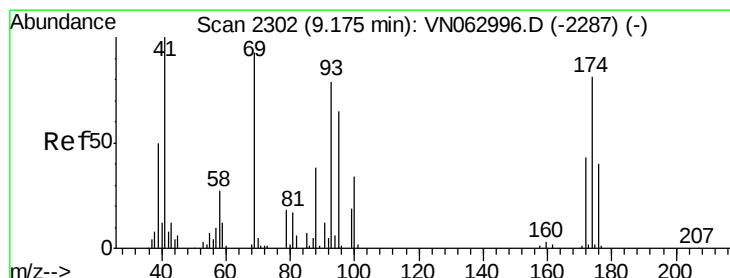
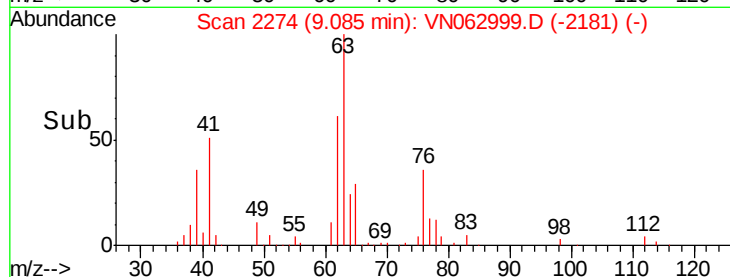
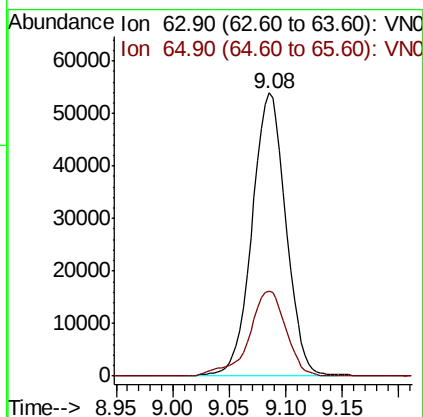
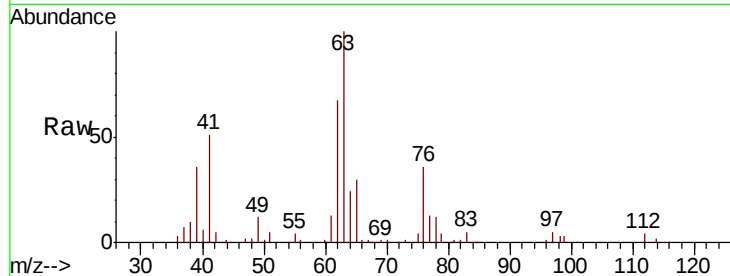




#45
 1,2-Dichloropropane
 Concen: 50.253 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

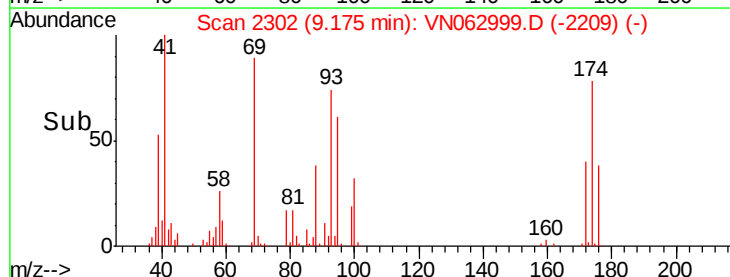
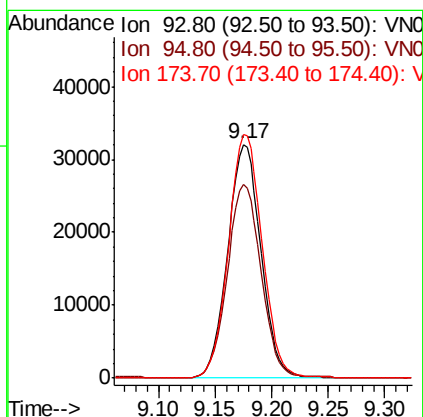
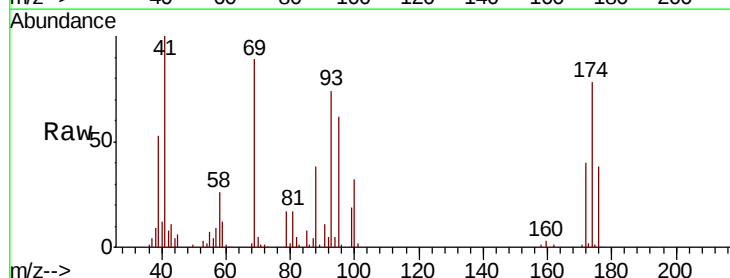
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

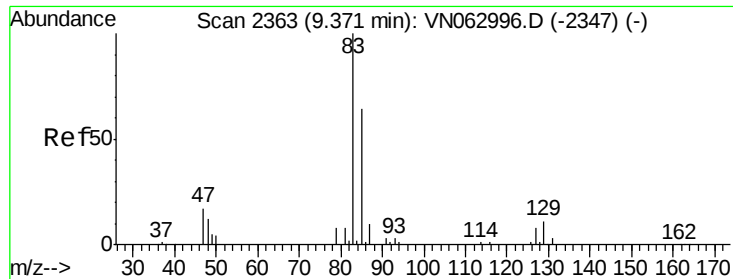
Tot Ion: 63 Resp: 112338
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.6 38.4



#46
 Dibromomethane
 Concen: 50.847 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion: 93 Resp: 65664
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.2 99.4
 174 105.7 84.6 127.0





#47

Bromodichloromethane

Concen: 50.370 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

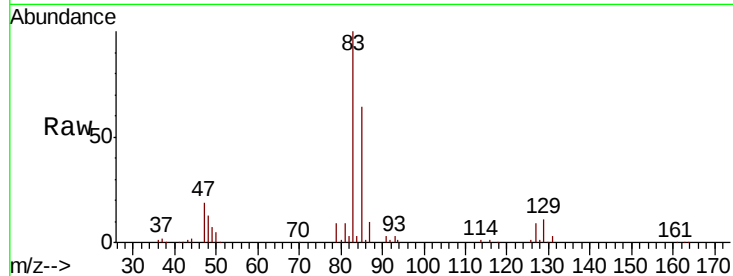
Tot Ion: 83 Resp: 142472

Ion Ratio Lower Upper

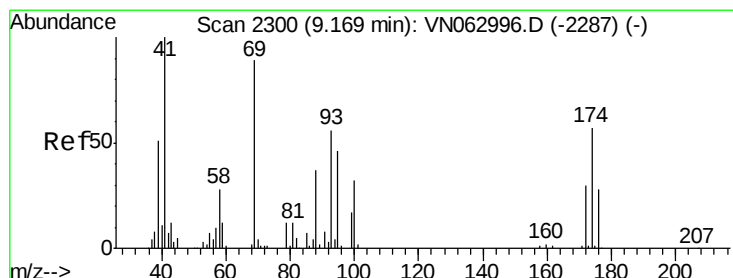
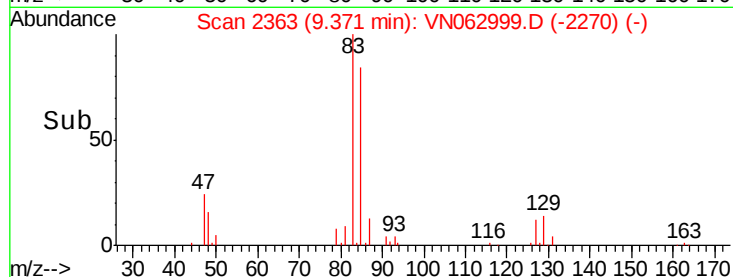
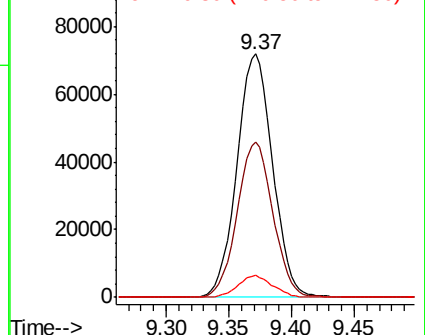
83 100

85 63.9 51.1 76.7

127 8.9 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 53.751 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

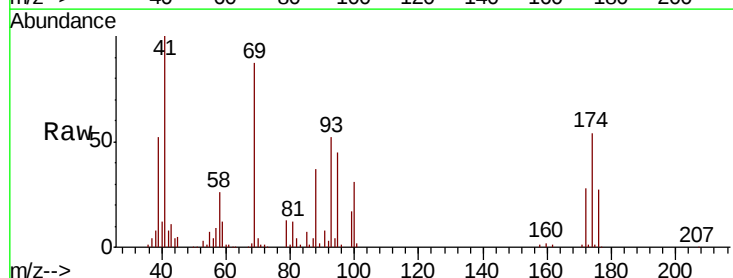
Tgt Ion: 41 Resp: 96265

Ion Ratio Lower Upper

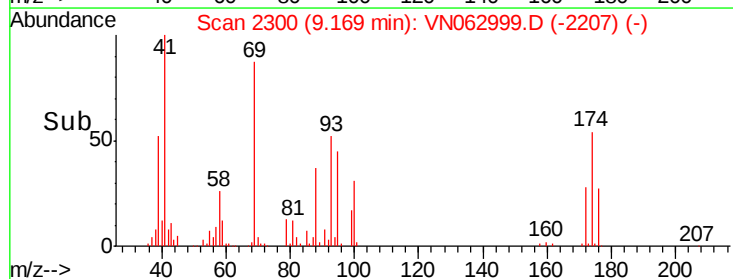
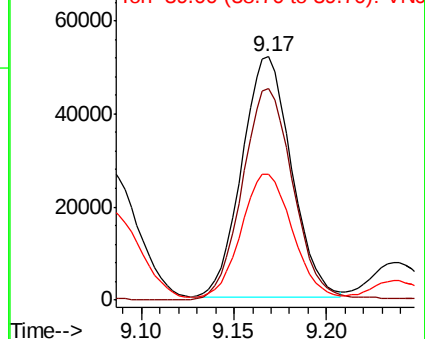
41 100

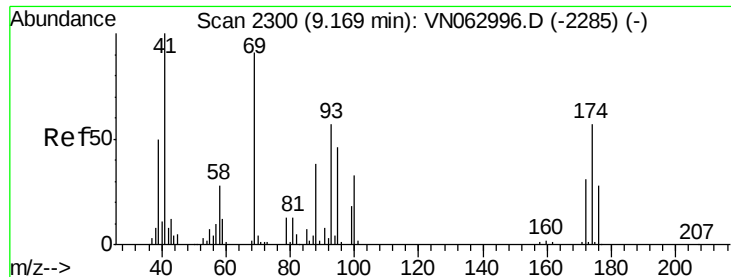
69 91.0 74.2 111.4

39 52.6 42.5 63.7



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 989.574 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

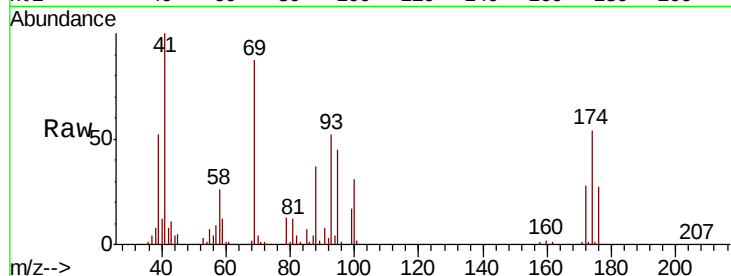
Tot Ion: 88 Resp: 38993

Ion Ratio Lower Upper

88 100

43 31.9 25.2 37.8

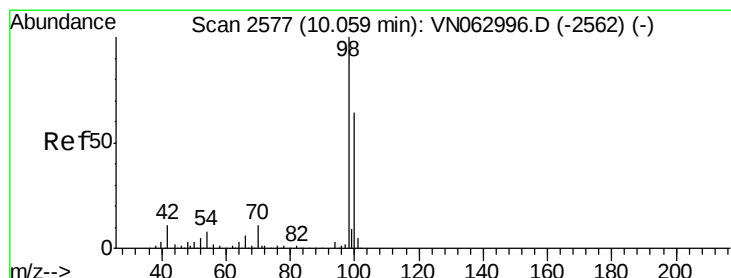
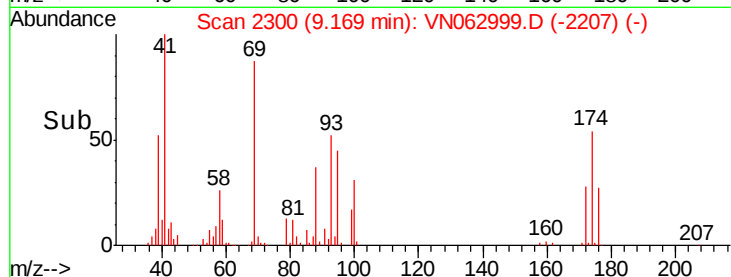
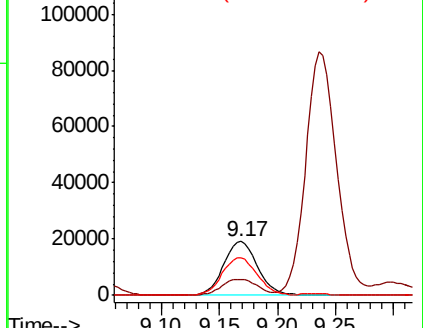
58 71.4 56.7 85.1



Abundance Ion 88.00 (87.70 to 88.70): VN062999.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN062999.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN062999.D (-2285) (-)



#50

Toluene-d8

Concen: 48.202 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062999.D

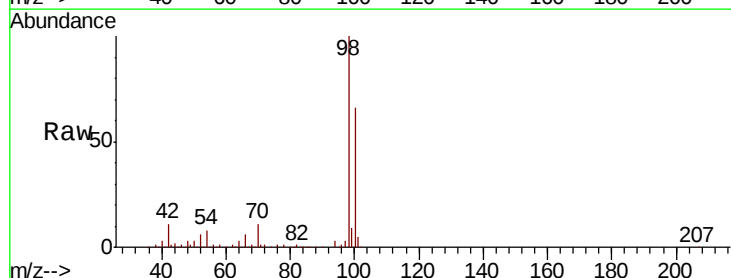
Acq: 18 Aug 2020 21:30

Tgt Ion: 98 Resp: 333799

Ion Ratio Lower Upper

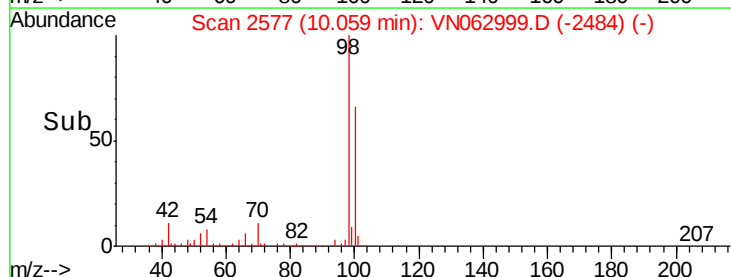
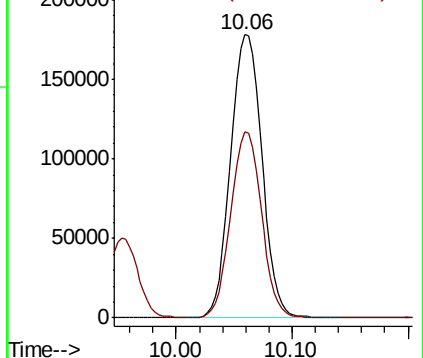
98 100

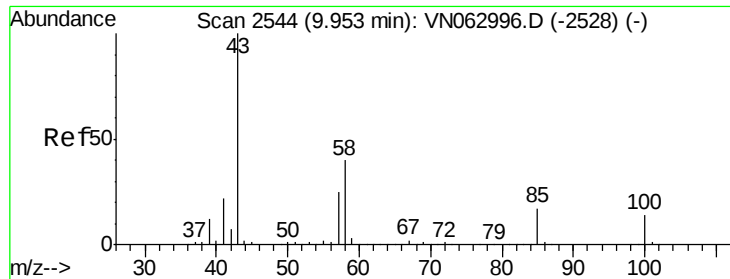
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062999.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062999.D (-2562) (-)





#51

4-Methyl-2-Pentanone

Concen: 264.861 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

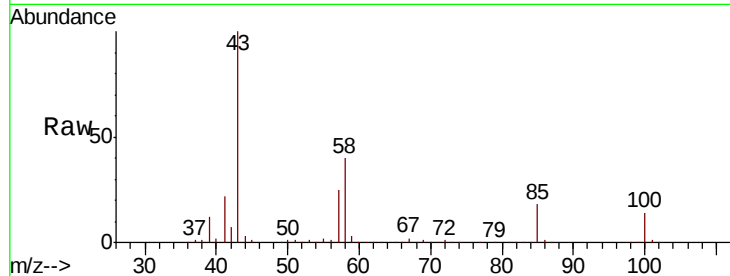
ICV081820

Tot Ion: 43 Resp: 633689

Ion Ratio Lower Upper

43 100

58 40.0 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN062999.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062999.D (-2528) (-)

9.95

400000

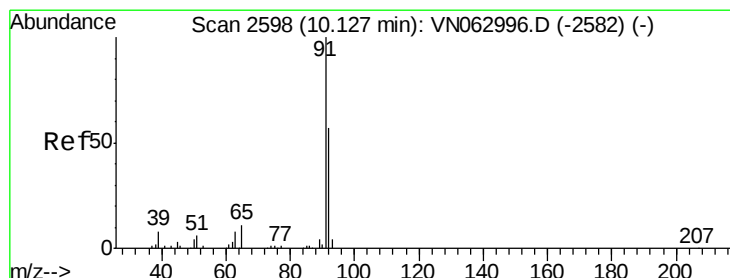
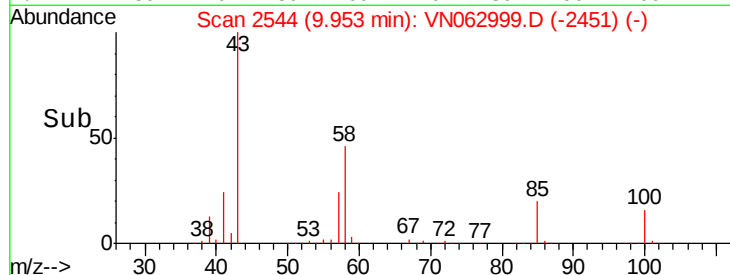
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 52.304 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VN062999.D

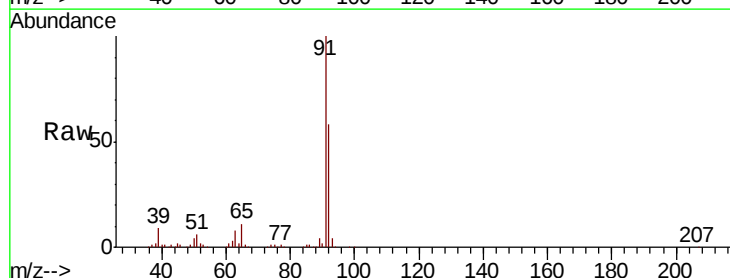
Acq: 18 Aug 2020 21:30

Tgt Ion: 92 Resp: 244009

Ion Ratio Lower Upper

92 100

91 174.2 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN062999.D (-2598) (-)

Ion 91.00 (90.70 to 91.70): VN062999.D (-2598) (-)

10.13

250000

200000

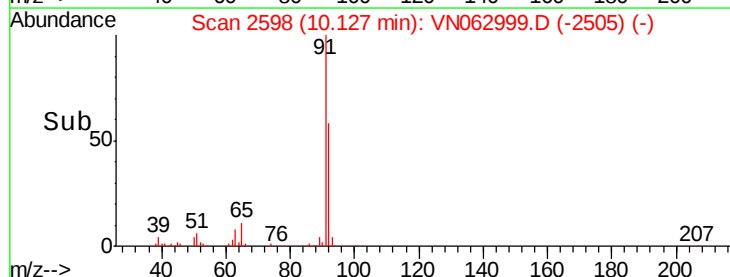
150000

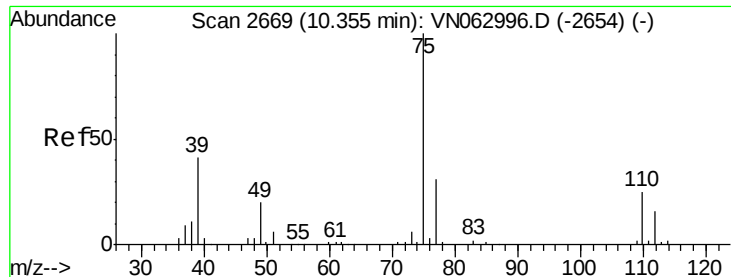
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.279 ug/l

RT: 10.35 min Scan# 2669

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

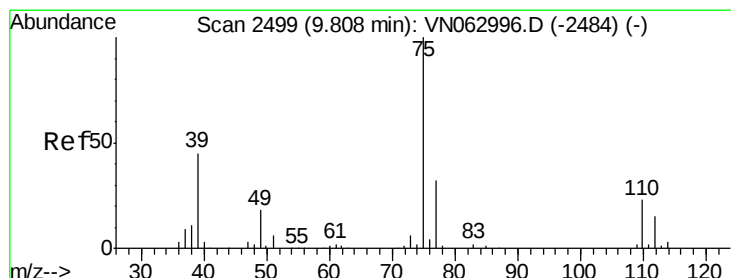
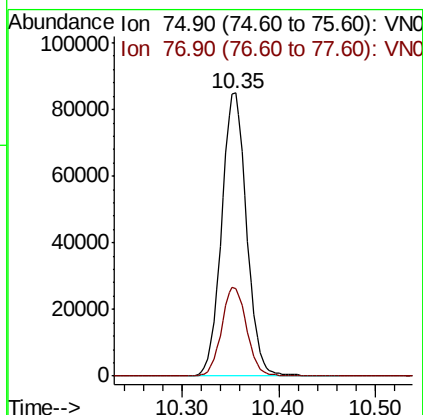
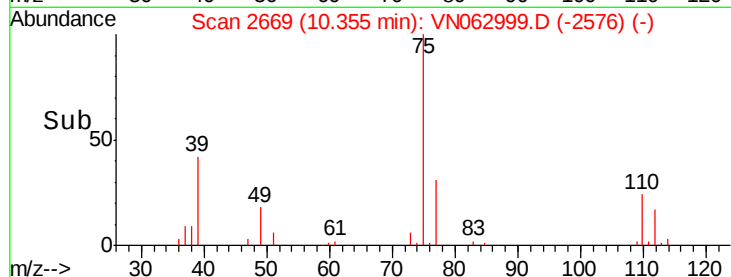
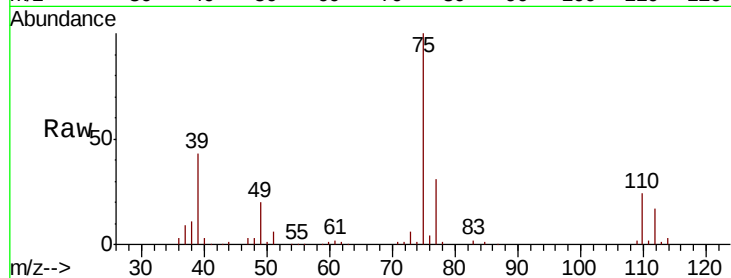
ICVVN081820

Tot Ion: 75 Resp: 152917

Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 52.051 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

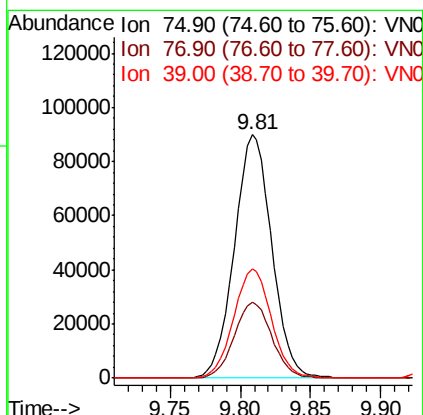
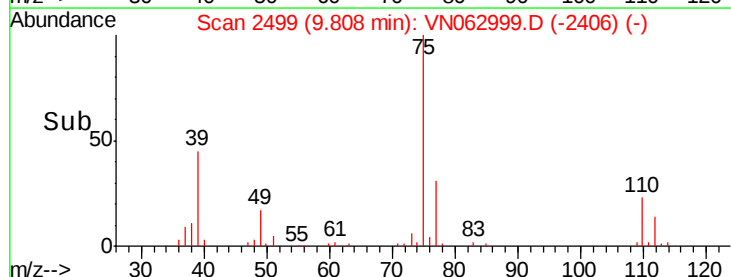
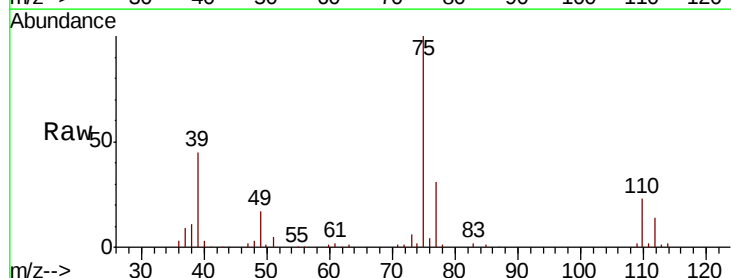
Tgt Ion: 75 Resp: 167016

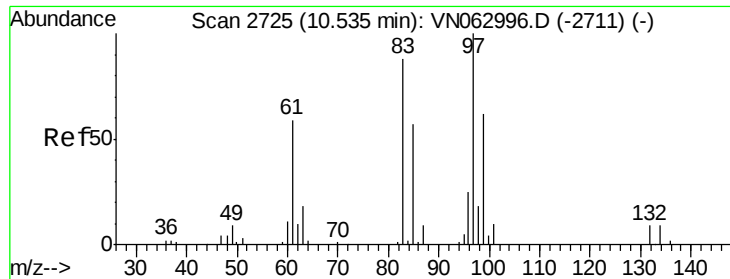
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2

39 44.8 35.7 53.5

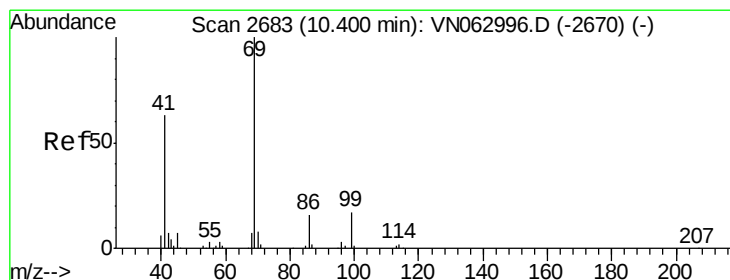
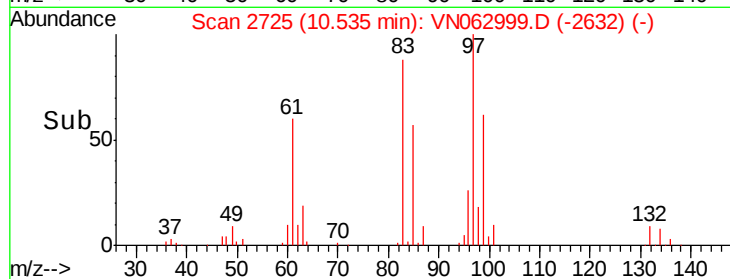
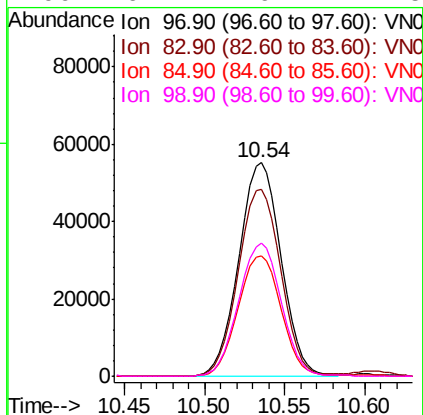
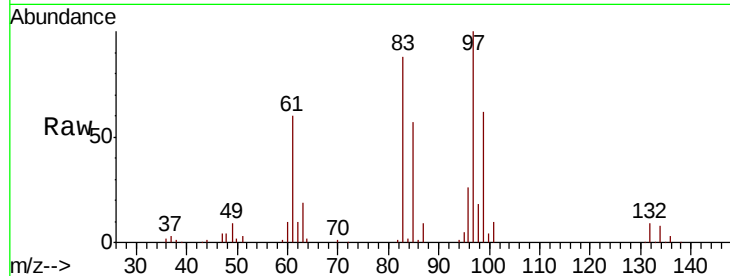




#55
 1,1,2-Trichloroethane
 Concen: 49.863 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

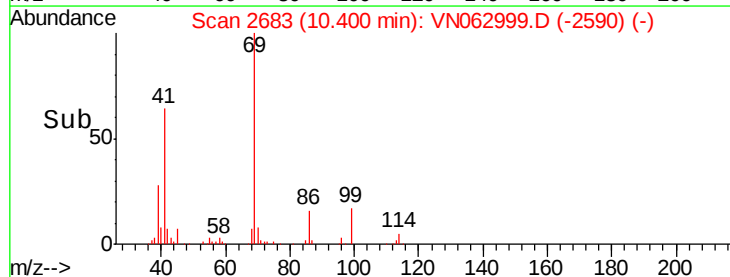
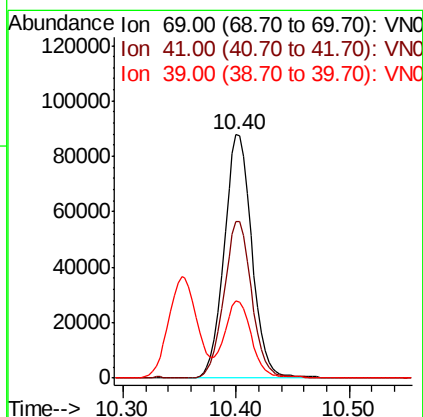
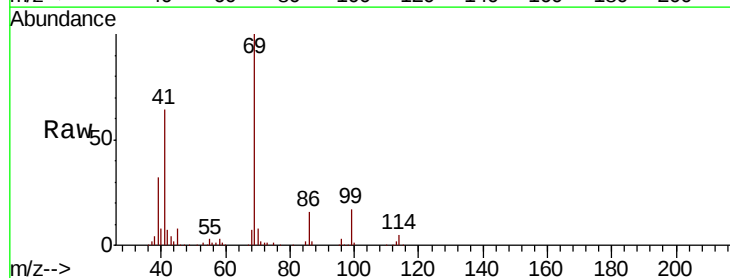
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

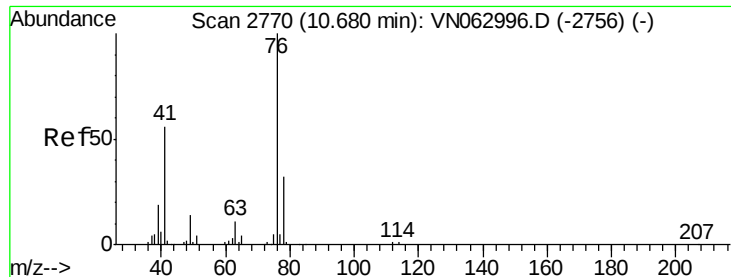
Tot Ion:	97	Resp:	99465
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.5	105.7
85	56.5	45.8	68.6
99	62.4	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 48.606 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion:	69	Resp:	149594
Ion	Ratio	Lower	Upper
69	100		
41	63.9	50.2	75.2
39	31.3	24.2	36.4

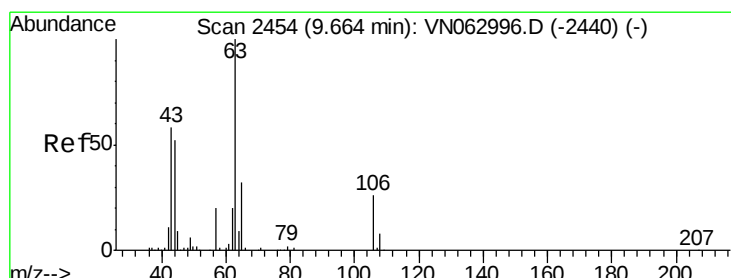
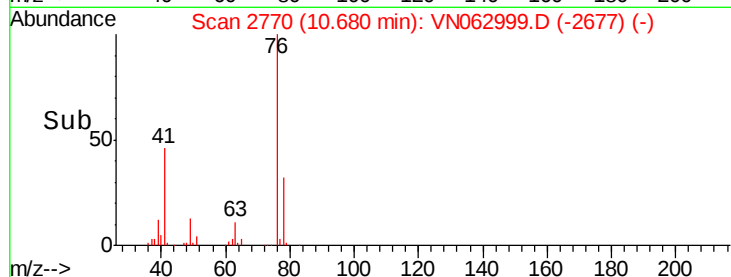
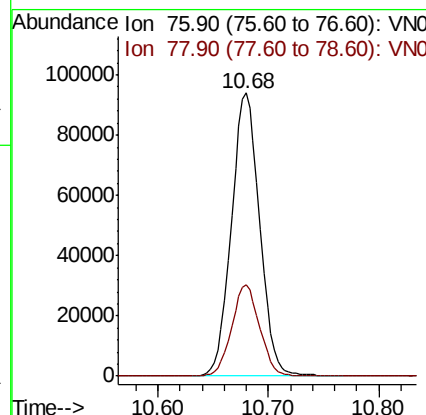
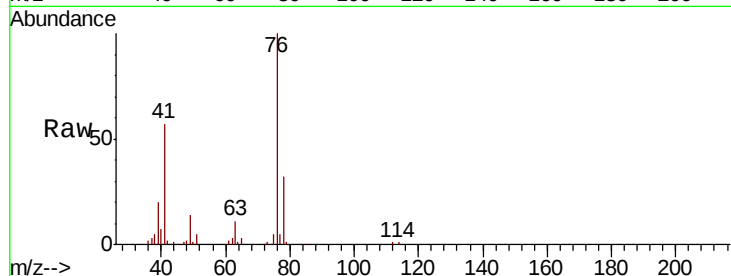




#57
 1,3-Dichloropropane
 Concen: 50.367 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

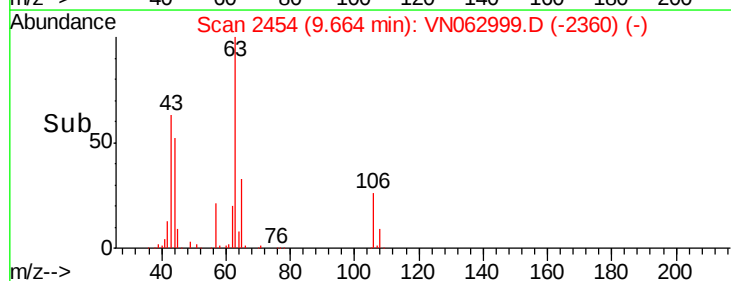
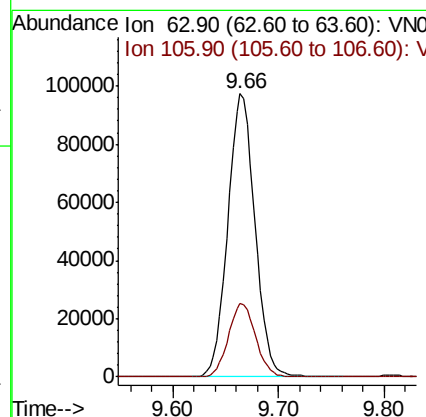
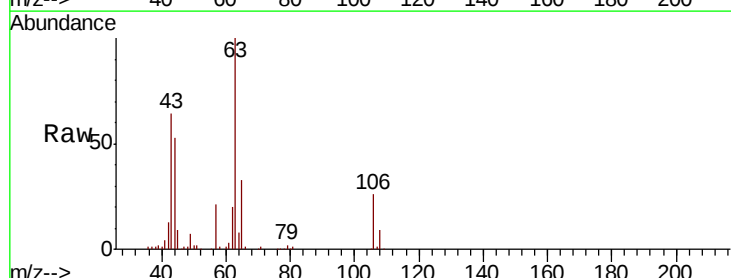
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN081820

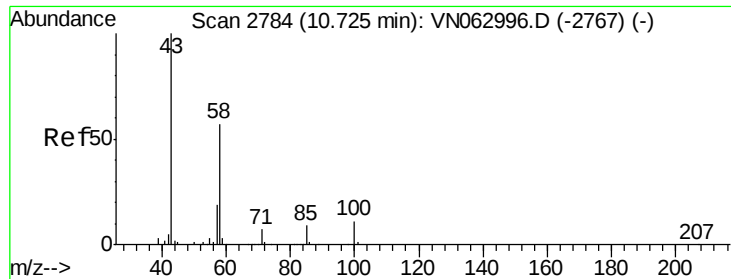
Tot Ion: 76 Resp: 166837
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 232.094 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion: 63 Resp: 173153
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.7 31.1

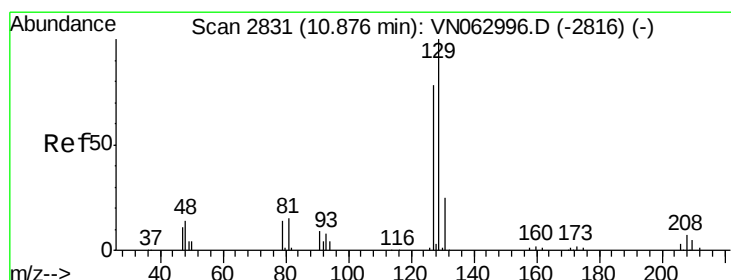
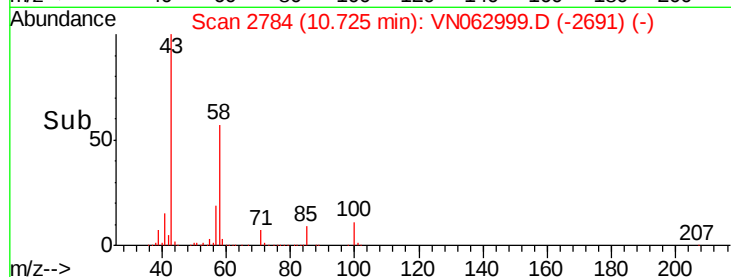
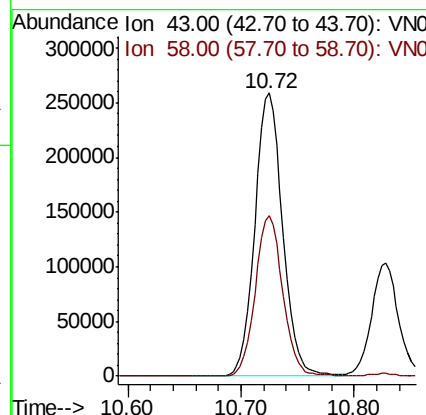
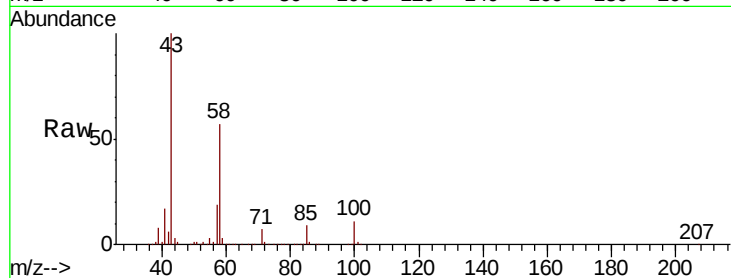




#59
2-Hexanone
Concen: 264.401 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

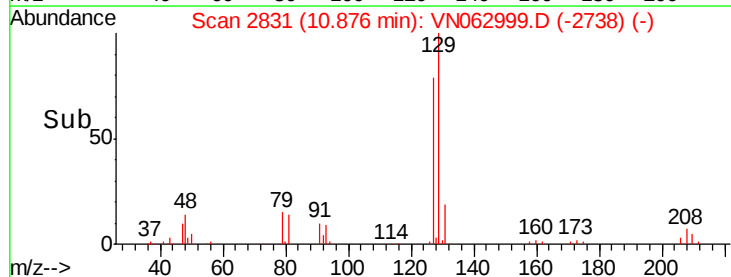
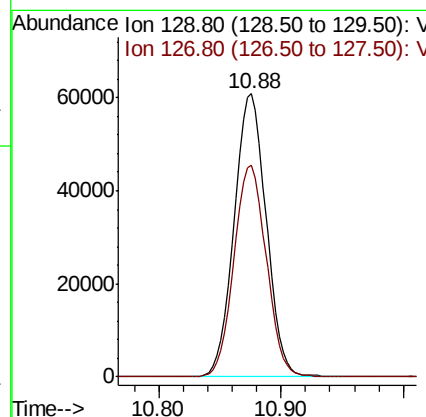
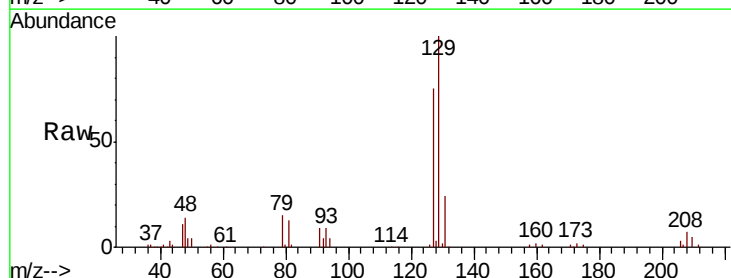
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

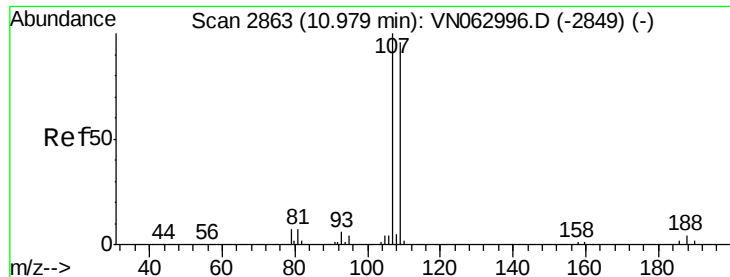
Tot Ion: 43 Resp: 441247
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.3



#60
Dibromochloromethane
Concen: 50.444 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion: 129 Resp: 111358
Ion Ratio Lower Upper
129 100
127 75.7 38.4 115.2

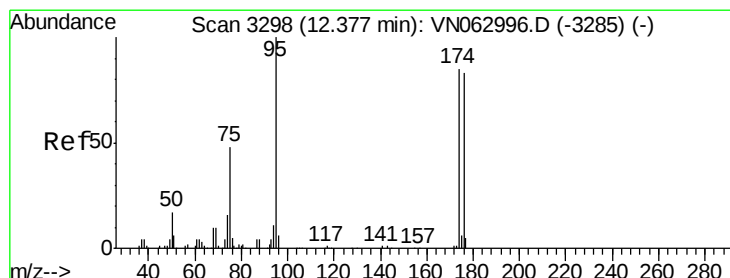
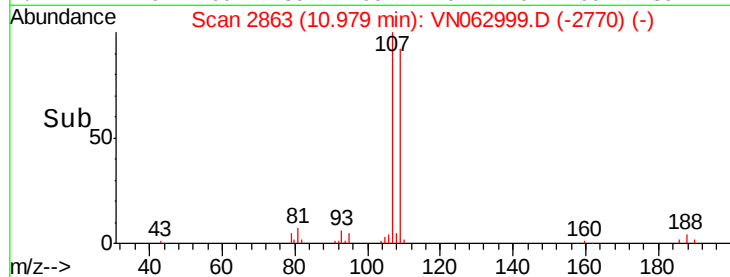
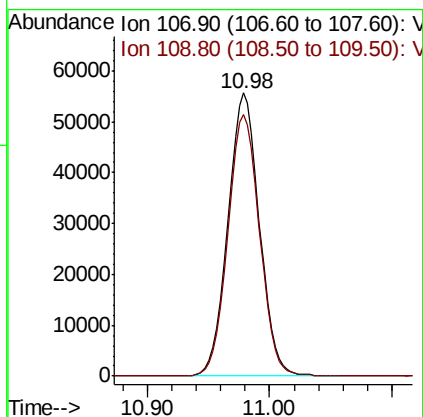
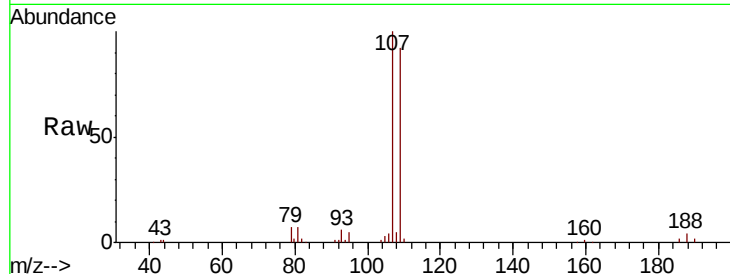




#61
 1,2-Dibromoethane
 Concen: 52.062 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

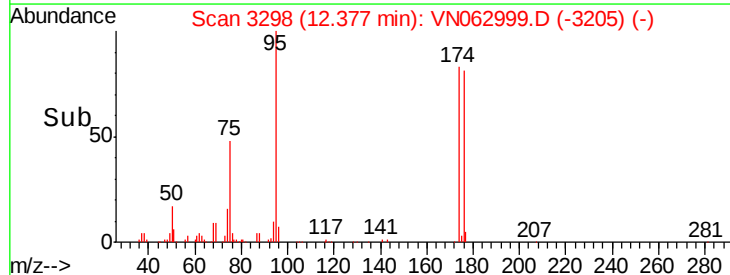
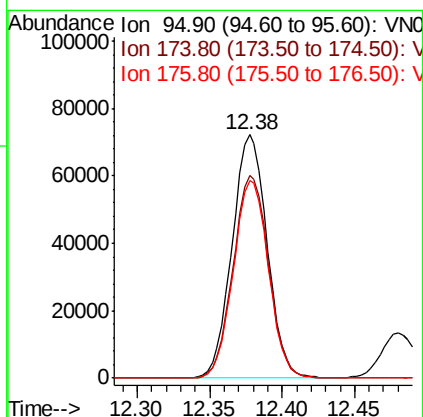
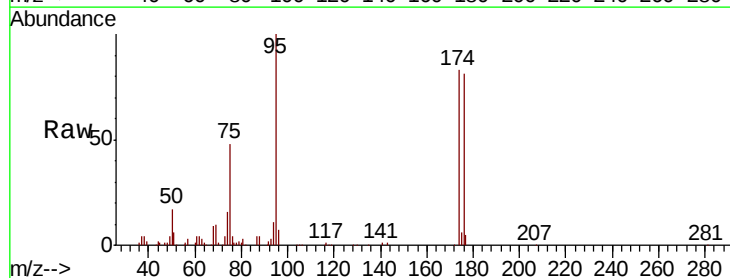
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

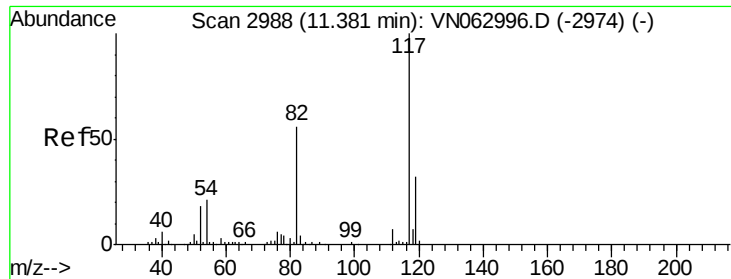
Tot Ion: 107 Resp: 99787
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 49.624 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion: 95 Resp: 121269
 Ion Ratio Lower Upper
 95 100
 174 84.3 0.0 170.8
 176 81.3 0.0 164.8

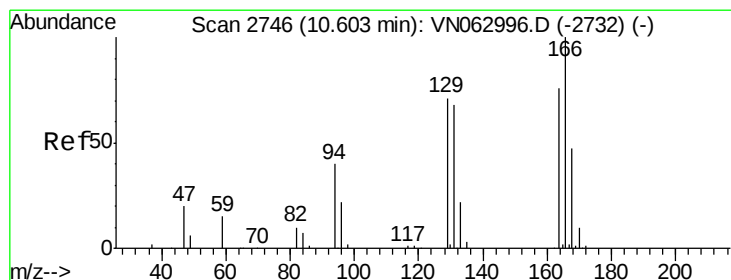
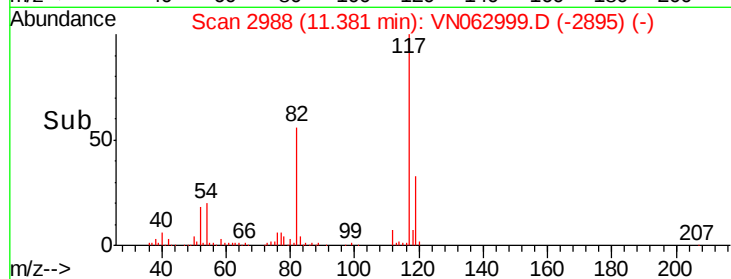
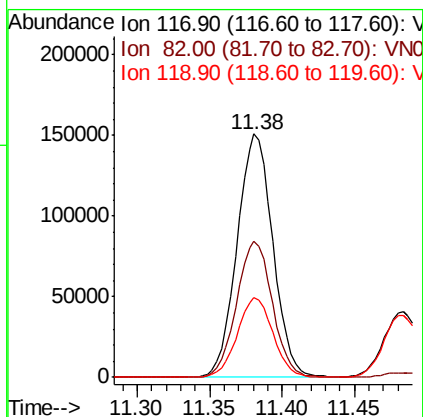
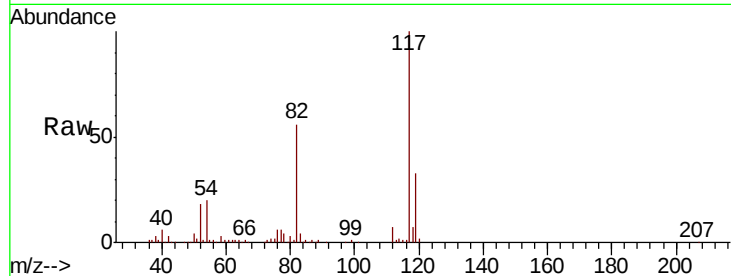




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

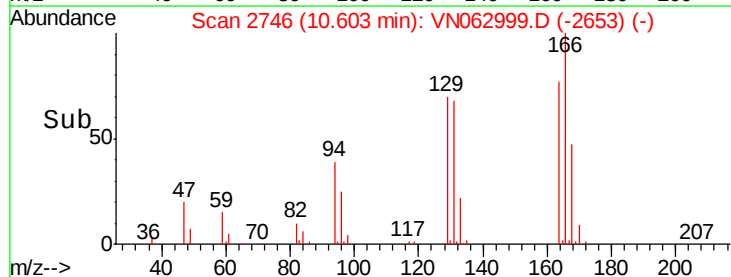
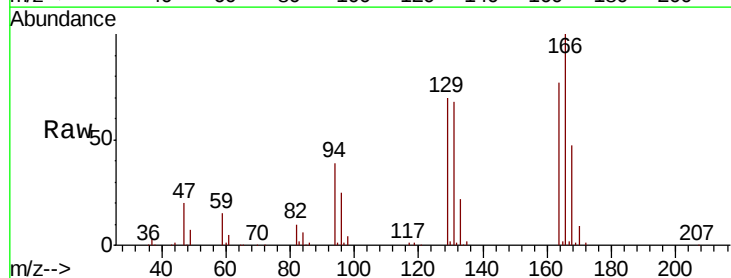
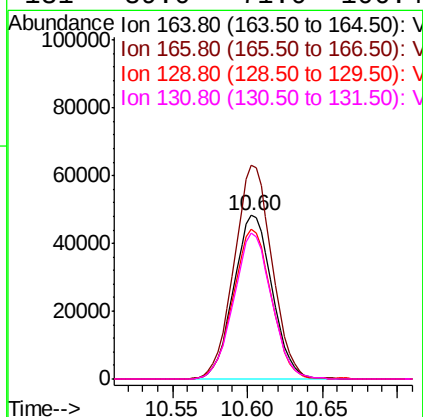
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

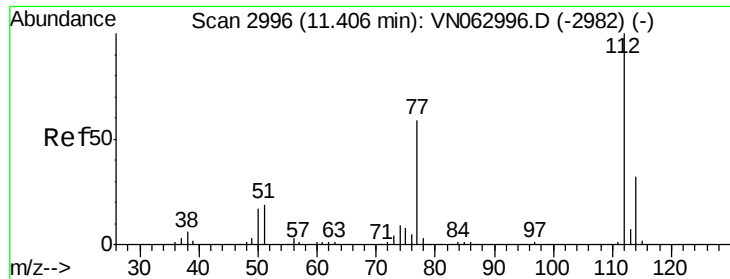
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.5	66.7
119	32.5	25.5	38.3



#64
Tetrachloroethene
Concen: 50.726 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	105.0	157.6
129	91.2	74.7	112.1
131	89.0	71.0	106.4

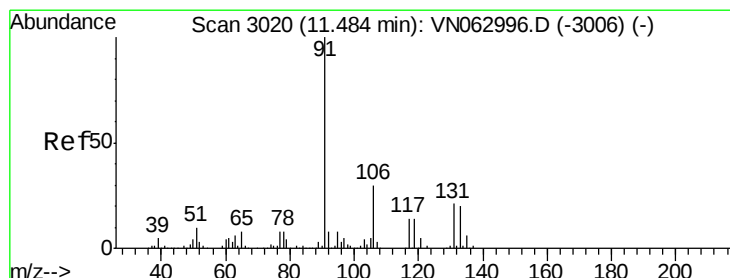
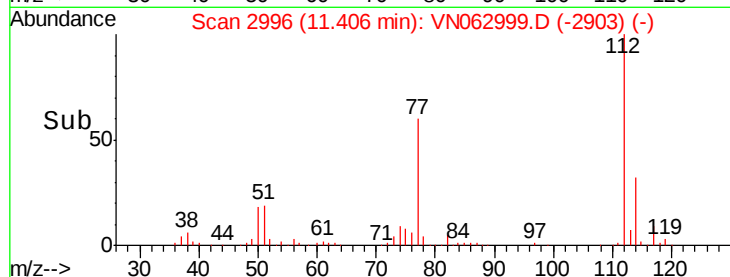
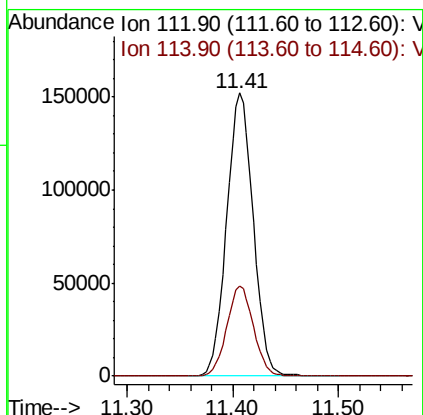
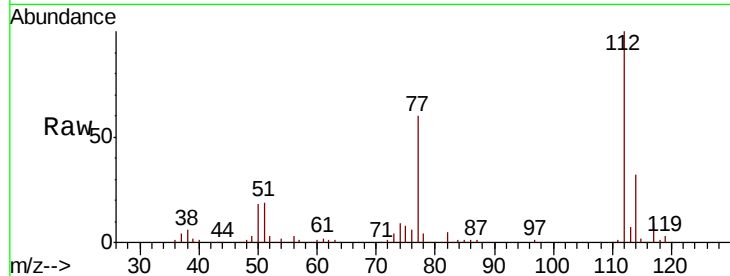




#65
Chlorobenzene
Concen: 50.744 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

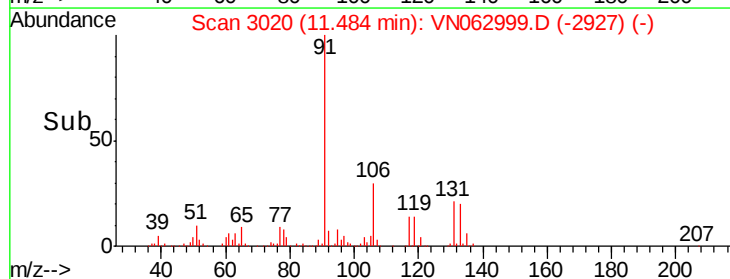
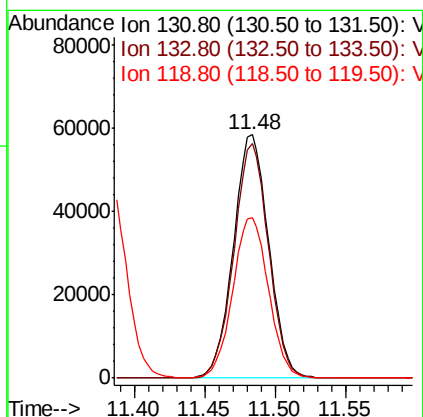
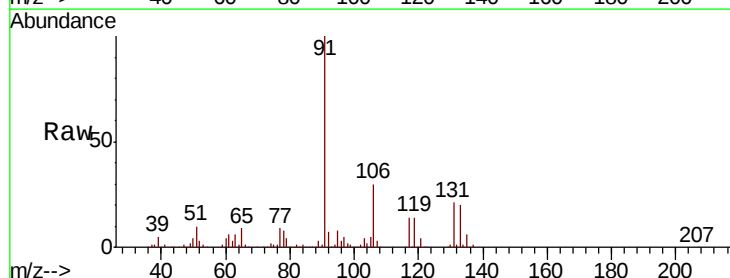
Instrument :
MSVOA_N
ClientSampleId :
ICVFN081820

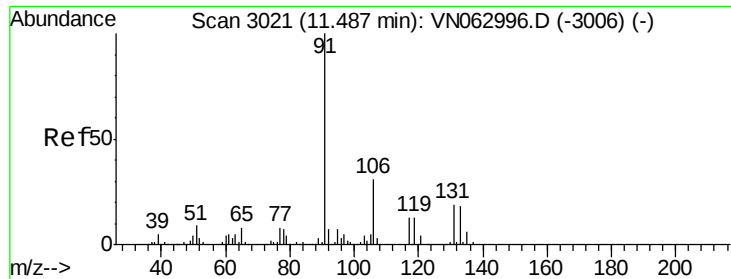
Tot Ion:112 Resp: 263924
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.742 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion:131 Resp: 102651
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 66.6 33.1 99.3





#67

Ethyl Benzene

Concen: 54.160 ug/l

RT: 11.49 min Scan# 3021

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampled :

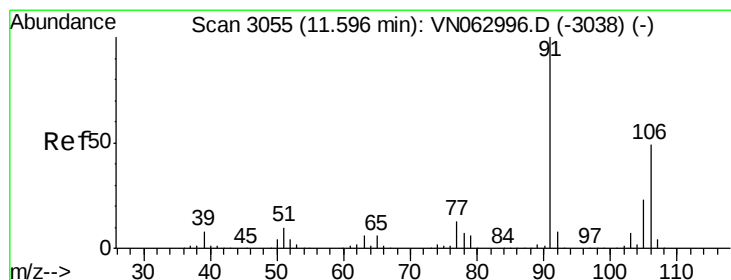
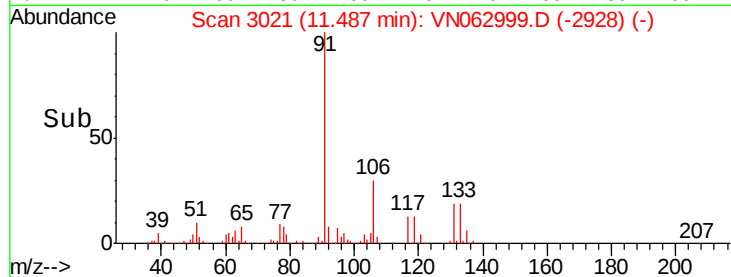
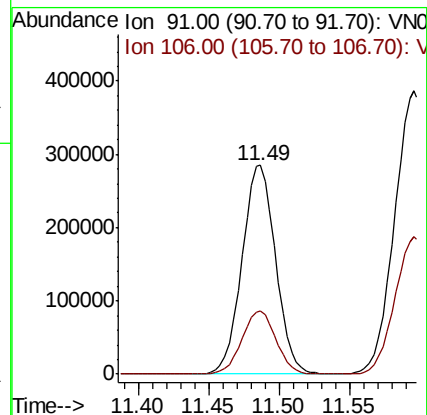
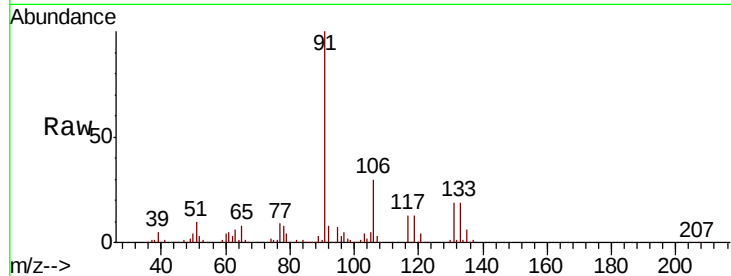
ICVVN081820

Tot Ion: 91 Resp: 475973

Ion Ratio Lower Upper

91 100

106 30.3 24.6 37.0



#68

m/p-Xylenes

Concen: 109.901 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062999.D

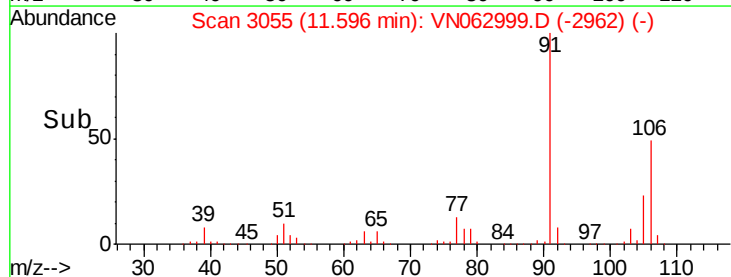
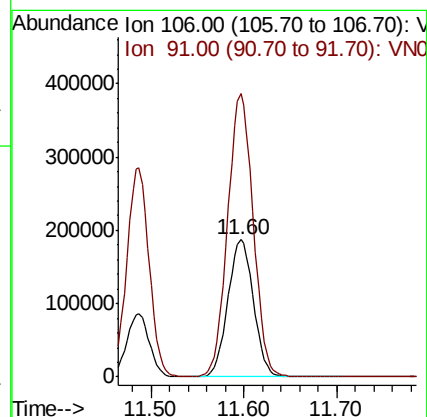
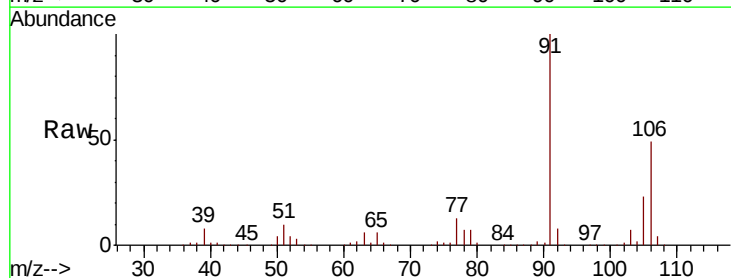
Acq: 18 Aug 2020 21:30

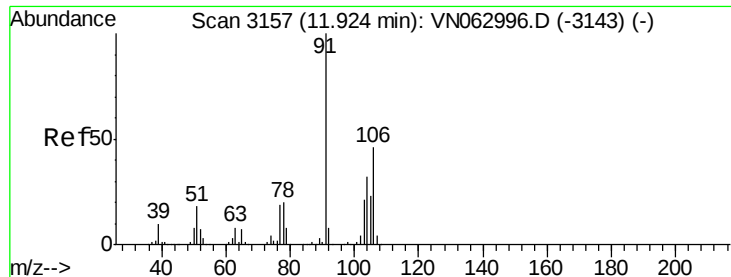
Tgt Ion:106 Resp: 358970

Ion Ratio Lower Upper

106 100

91 205.6 163.0 244.4

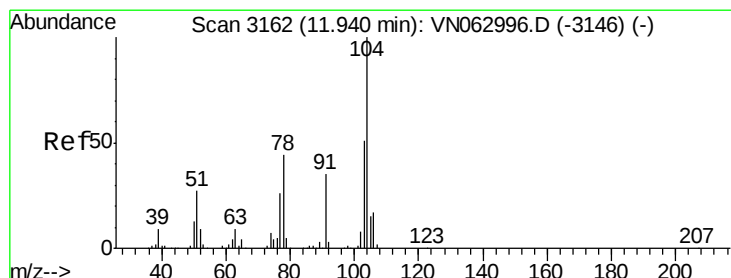
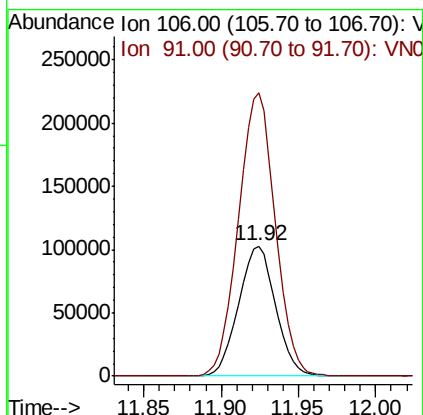
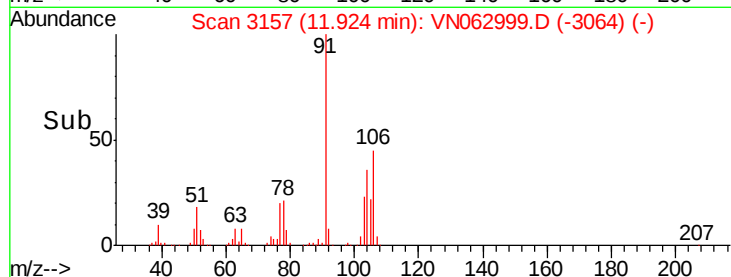
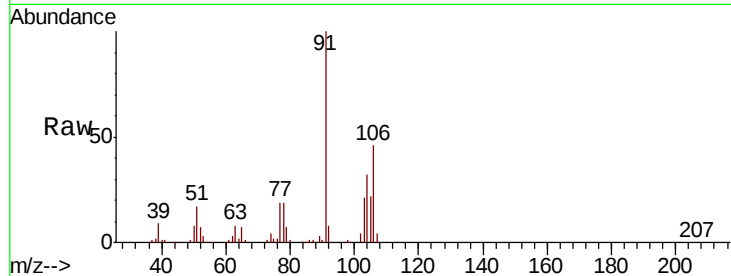




#69
o-Xylene
Concen: 54.529 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

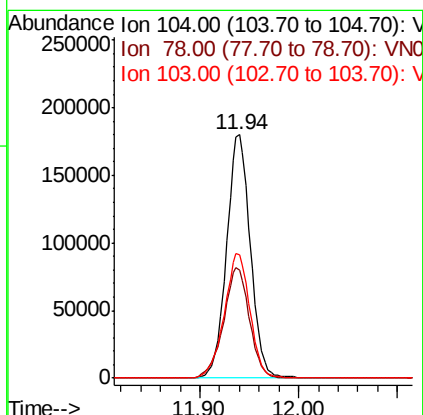
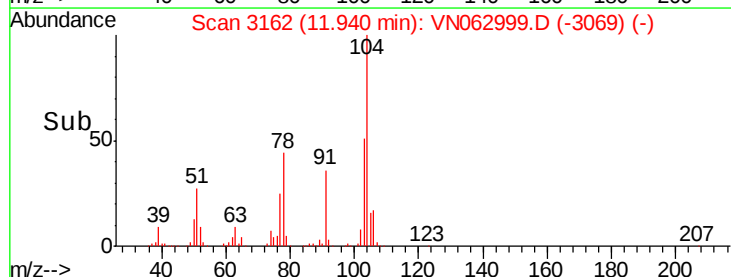
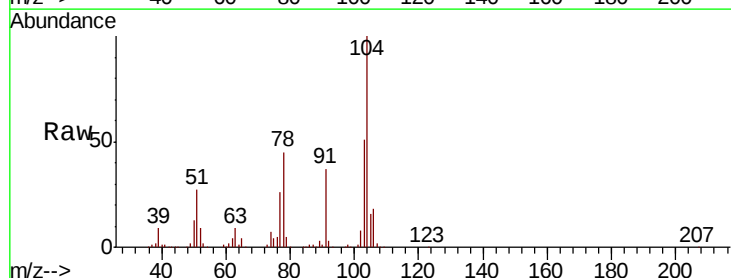
Instrument :
MSVOA_N
ClientSampled :
ICVFN081820

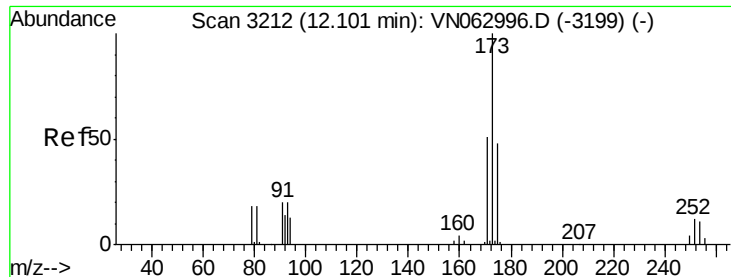
Tot Ion:106 Resp: 171032
Ion Ratio Lower Upper
106 100
91 217.2 107.3 321.9



#70
Styrene
Concen: 49.029 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion:104 Resp: 304934
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.6
103 55.0 44.3 66.5

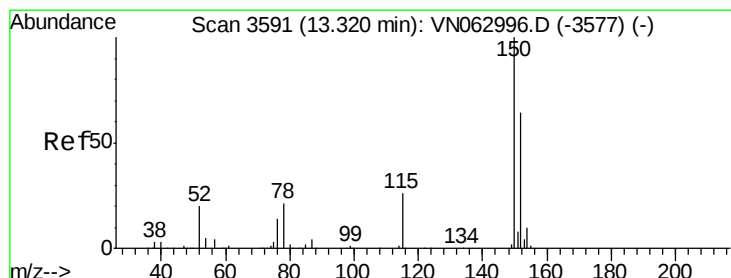
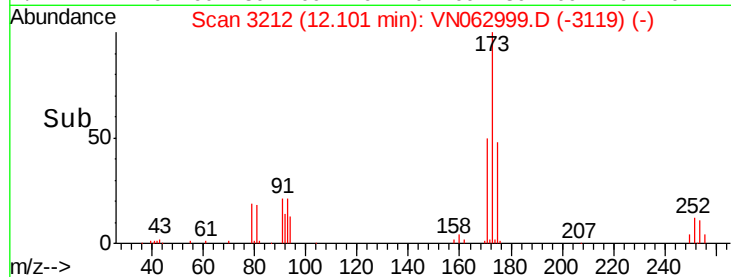
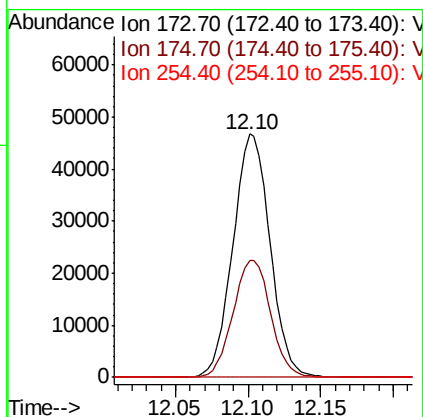
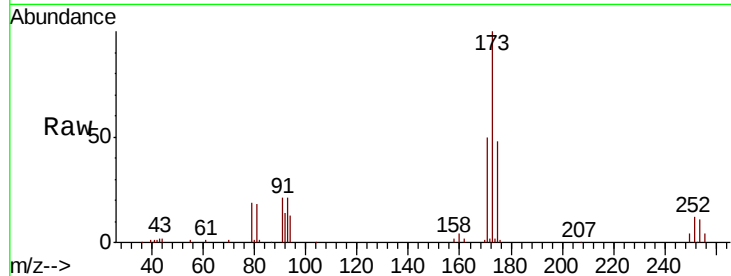




#71
Bromoform
Concen: 51.481 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

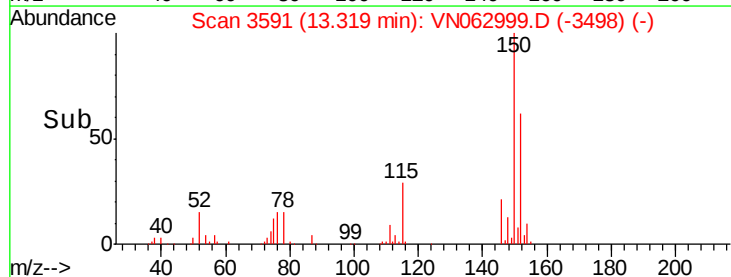
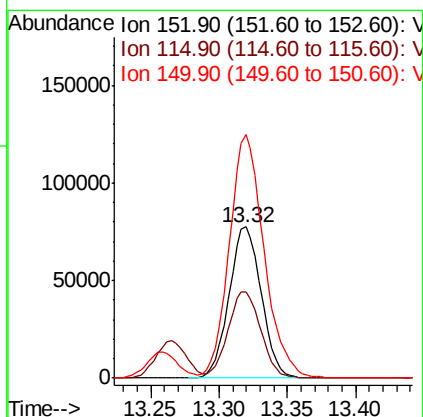
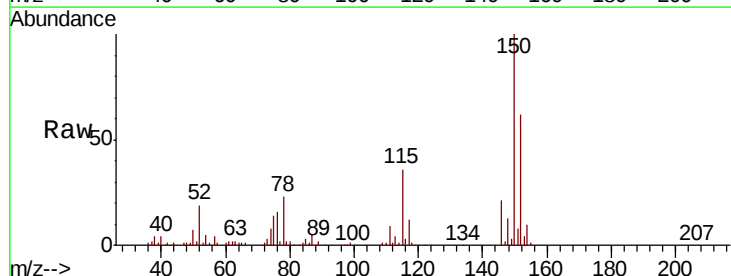
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

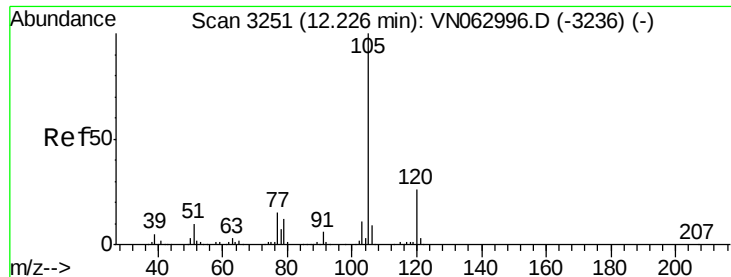
Tot Ion:173 Resp: 82896
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion:152 Resp: 127226
Ion Ratio Lower Upper
152 100
115 57.5 28.7 86.3
150 173.2 0.0 348.8





#73

Isopropylbenzene

Concen: 53.599 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

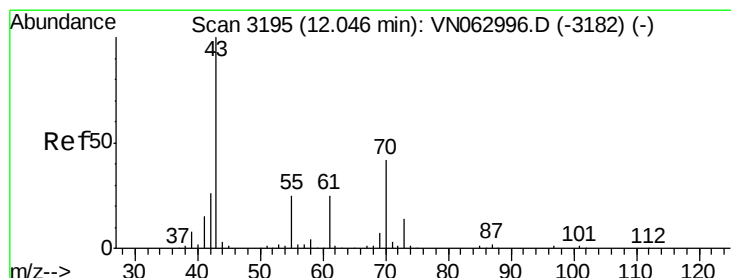
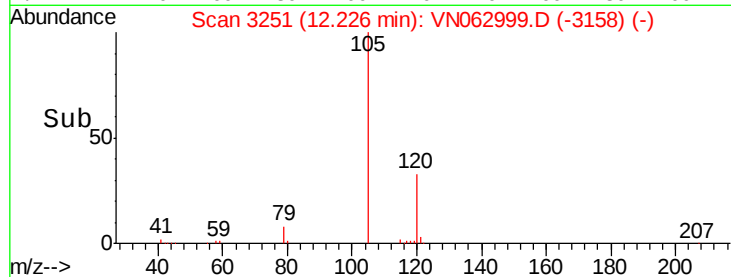
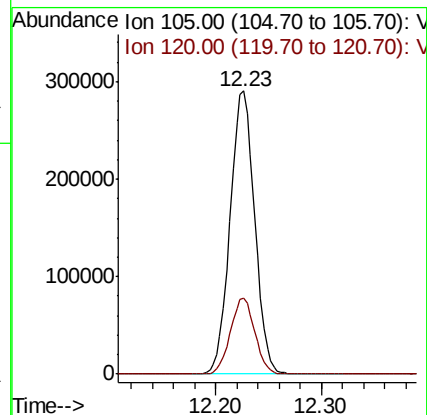
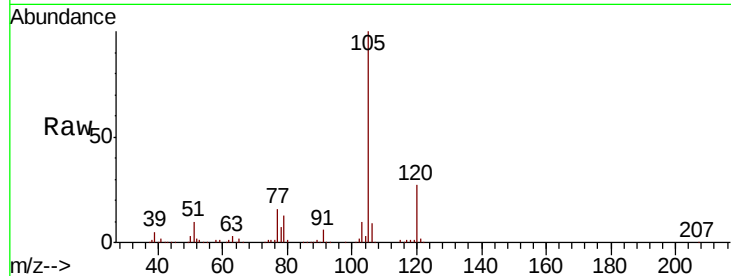
ICVVN081820

Tot Ion:105 Resp: 466975

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 56.629 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Tgt Ion: 43 Resp: 176702

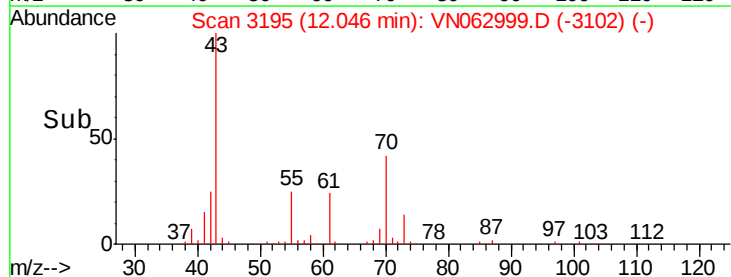
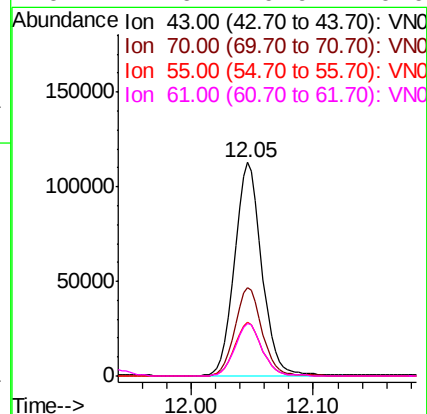
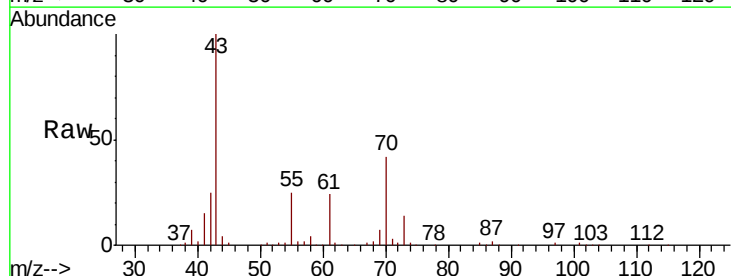
Ion Ratio Lower Upper

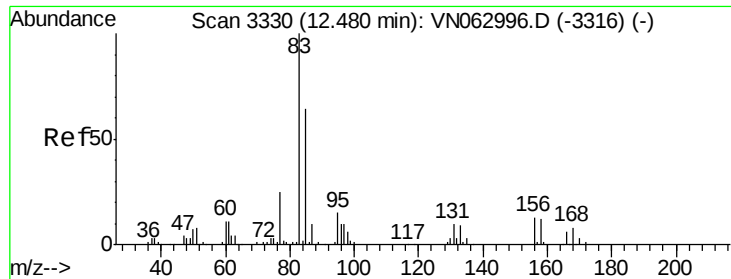
43 100

70 41.3 33.4 50.0

55 25.1 20.2 30.2

61 24.6 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.614 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

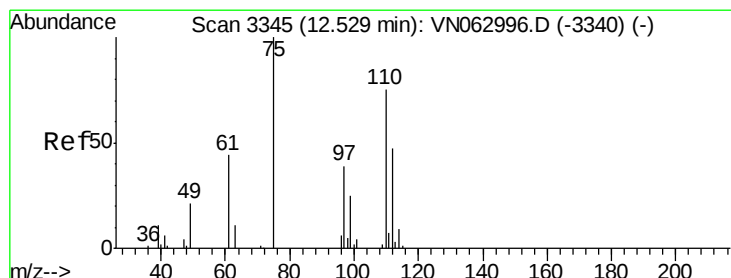
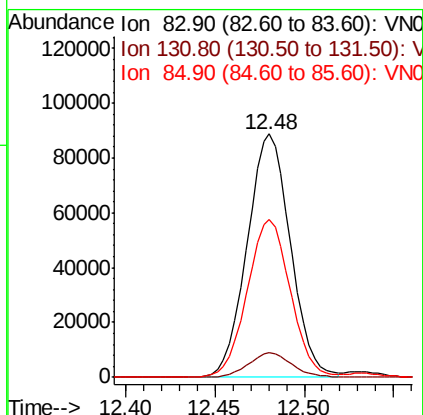
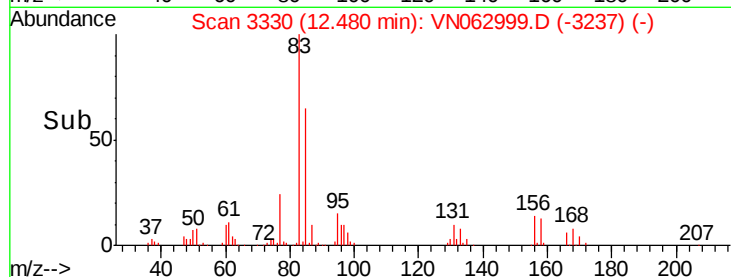
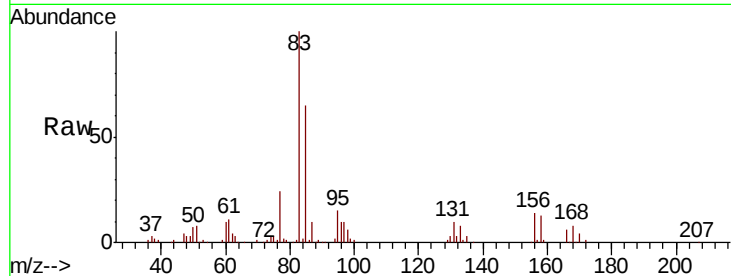
Tot Ion: 83 Resp: 150389

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 64.5 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 74.029 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062999.D

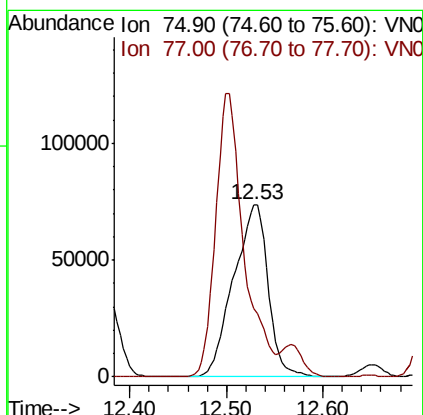
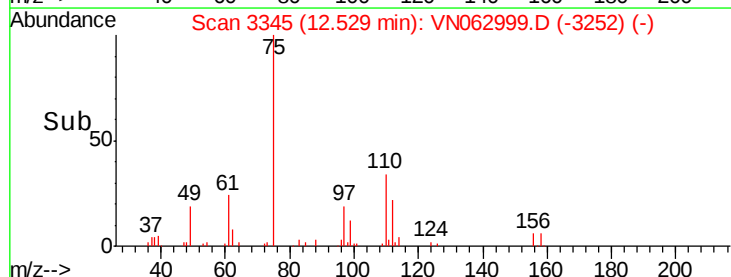
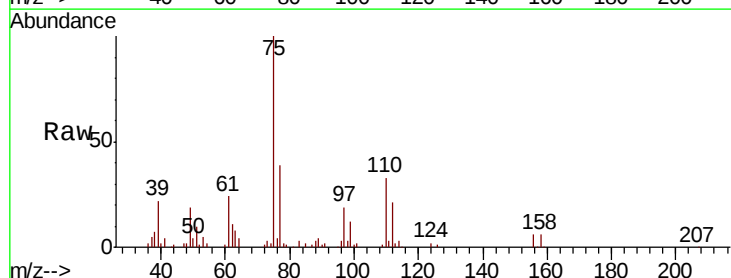
Acq: 18 Aug 2020 21:30

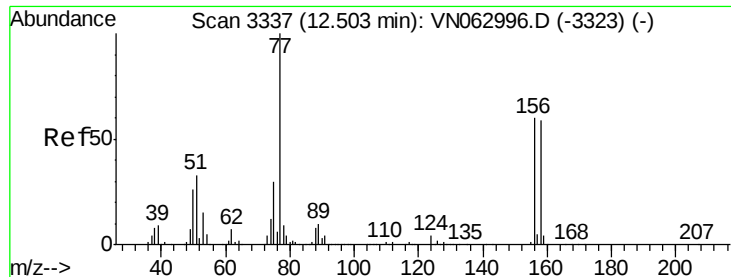
Tgt Ion: 75 Resp: 183072

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.436 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081820

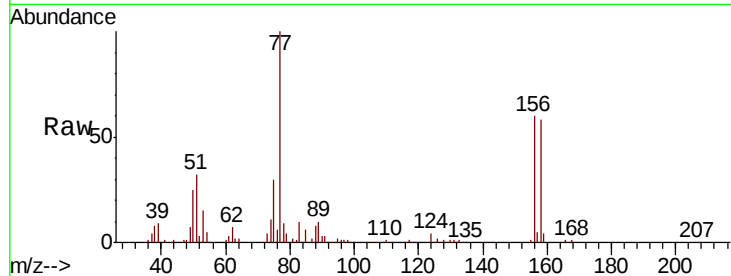
Tot Ion:156 Resp: 123249

Ion Ratio Lower Upper

156 100

77 199.7 101.0 302.9

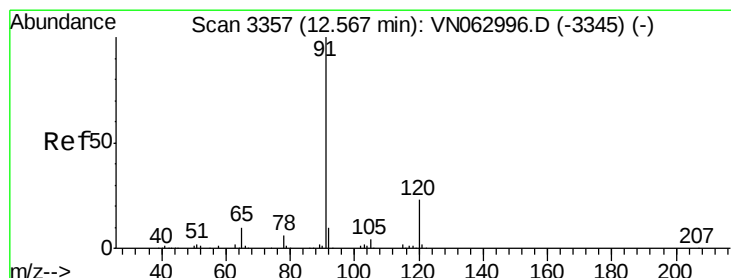
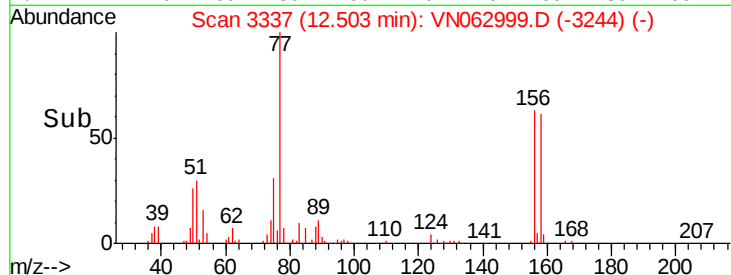
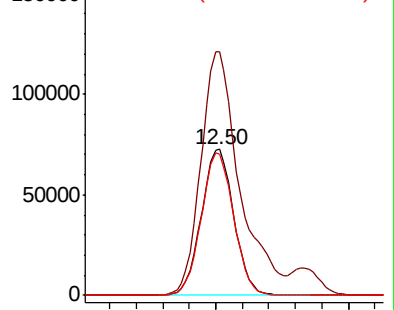
158 97.5 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.204 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062999.D

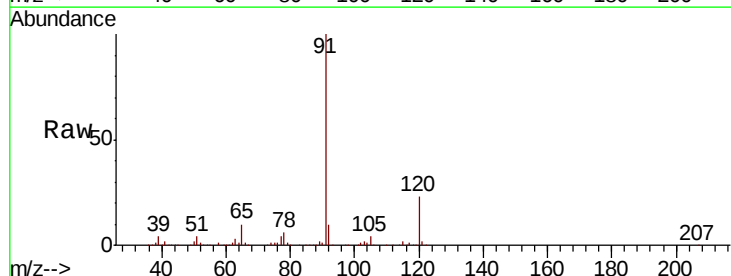
Acq: 18 Aug 2020 21:30

Tgt Ion: 91 Resp: 548215

Ion Ratio Lower Upper

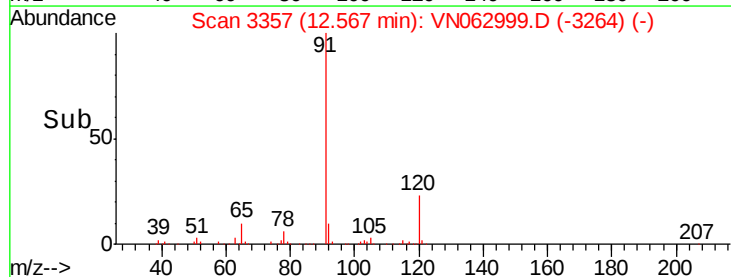
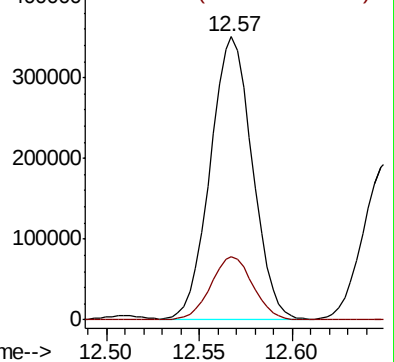
91 100

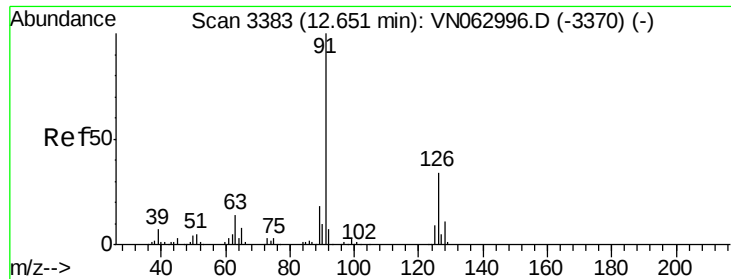
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

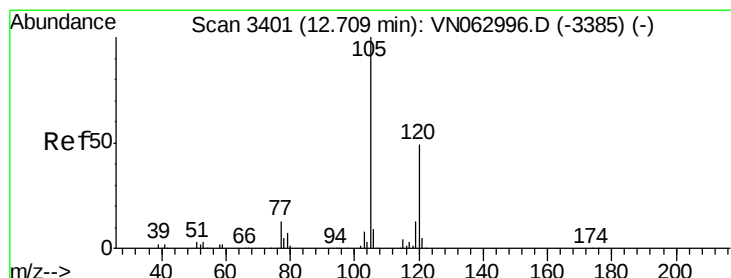
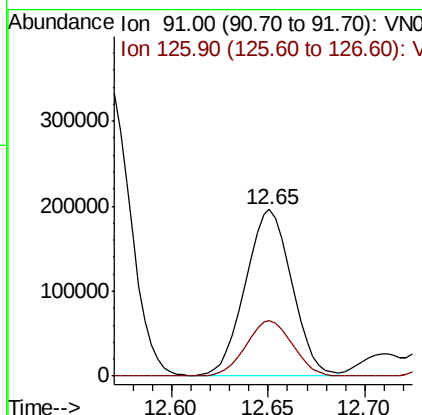
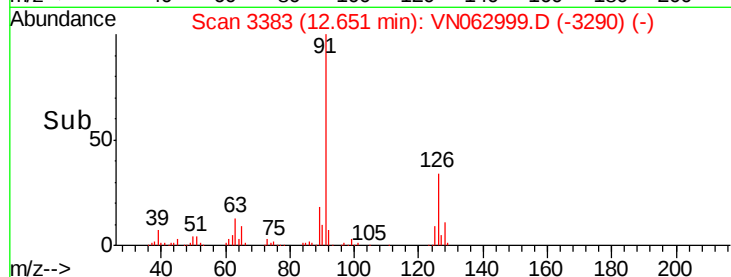
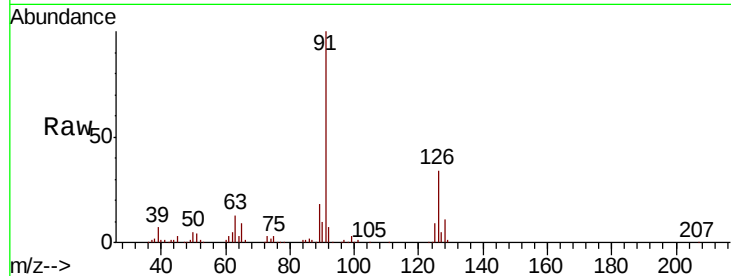




#79
 2-Chlorotoluene
 Concen: 52.020 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

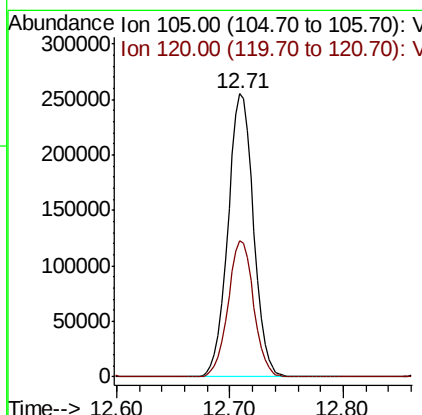
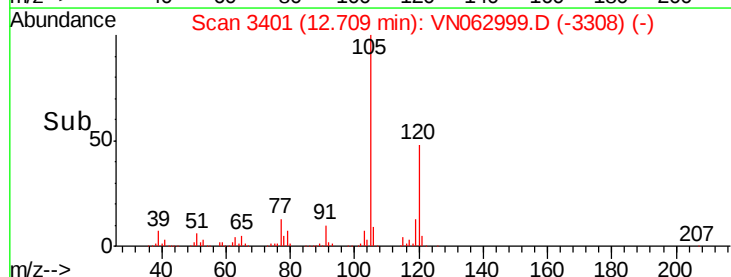
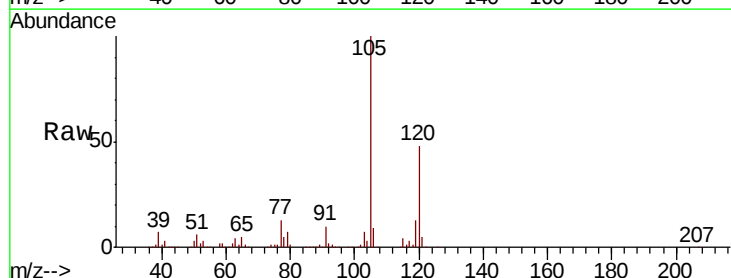
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

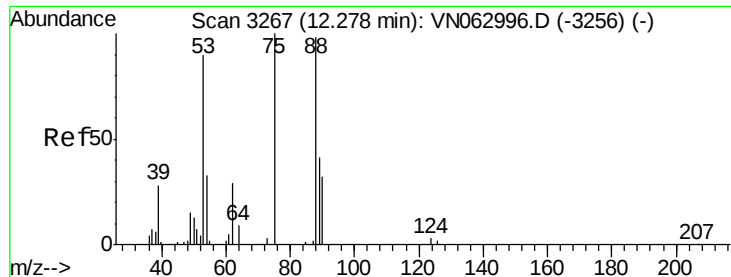
Tot Ion: 91 Resp: 324927
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 55.535 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion: 105 Resp: 399971
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.8

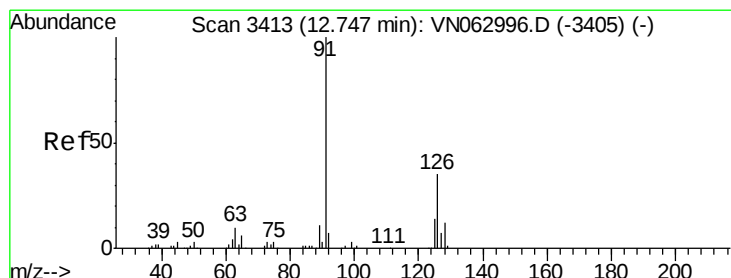
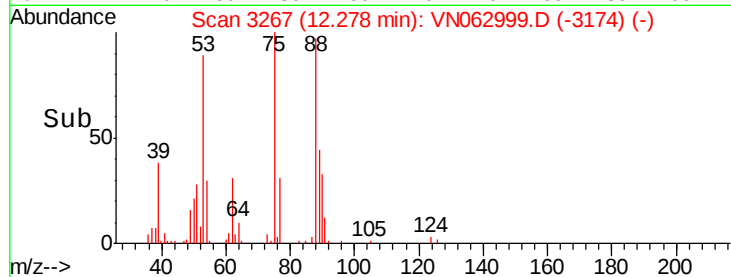
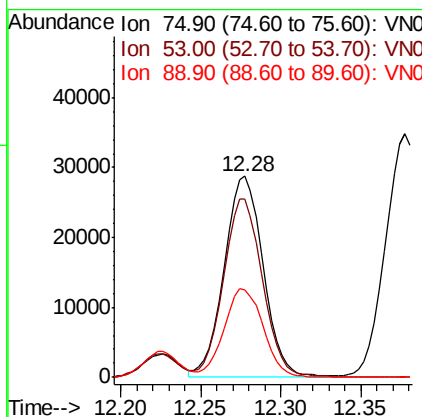
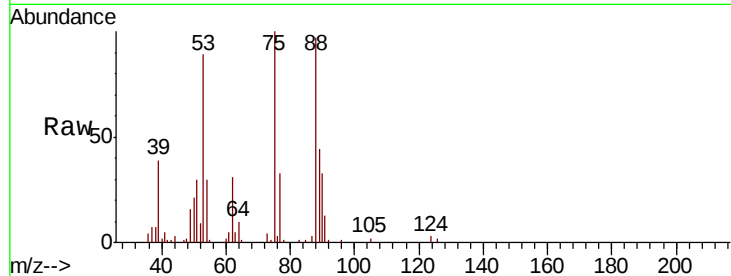




#81
trans-1,4-Dichloro-2-butene
Concen: 53.311 ug/l
RT: 12.28 min Scan# 3267
Delta R.T. -0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

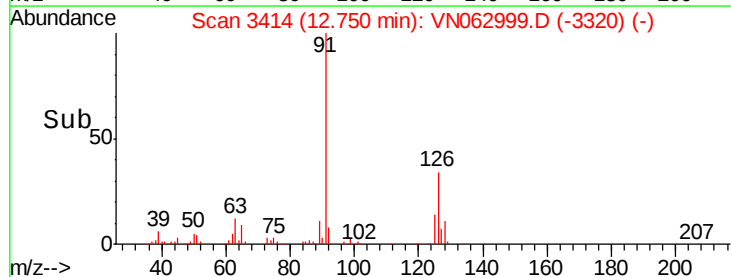
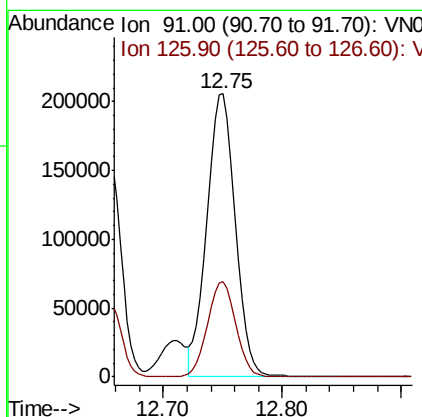
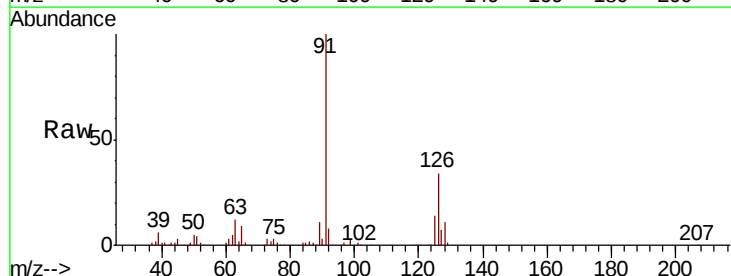
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081820

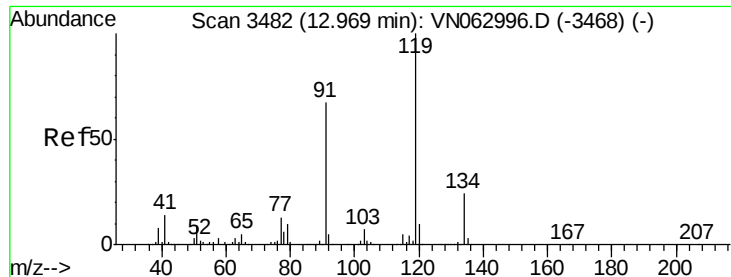
Tot Ion: 75 Resp: 48003
Ion Ratio Lower Upper
75 100
53 88.5 69.2 103.8
89 44.1 34.2 51.4



#82
4-Chlorotoluene
Concen: 53.491 ug/l
RT: 12.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN062999.D
Acq: 18 Aug 2020 21:30

Tgt Ion: 91 Resp: 340218
Ion Ratio Lower Upper
91 100
126 33.5 16.5 49.5

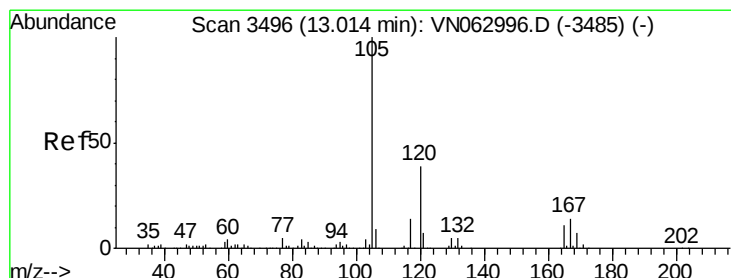
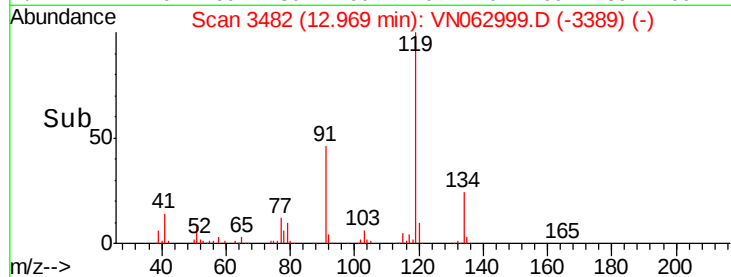
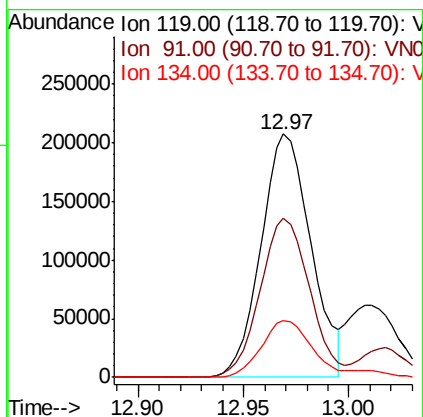
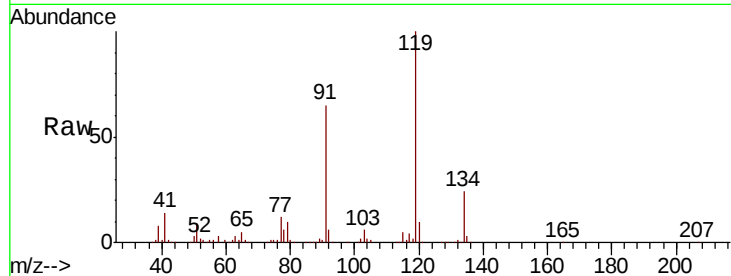




#83
 tert-Butylbenzene
 Concen: 55.073 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

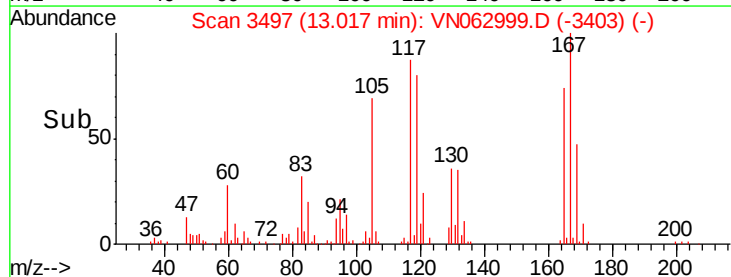
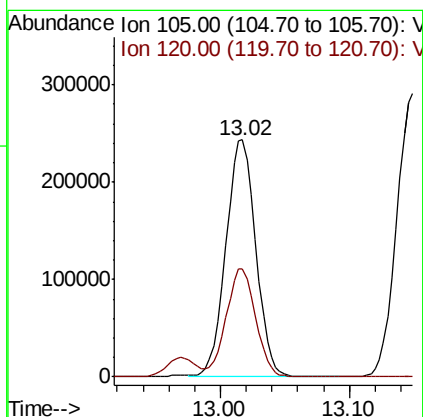
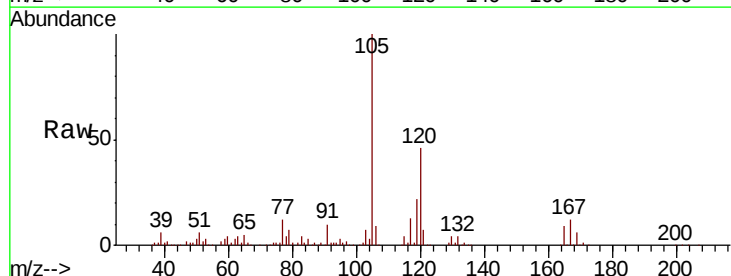
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

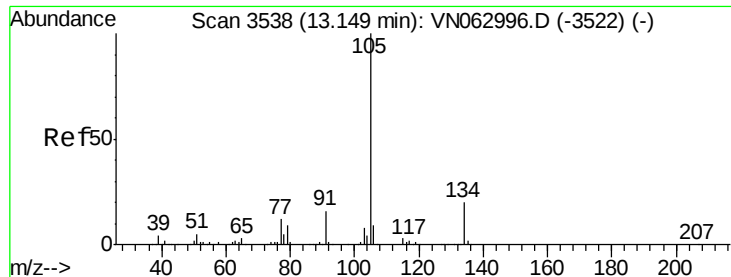
Tot Ion:119 Resp: 342344
 Ion Ratio Lower Upper
 119 100
 91 64.8 32.5 97.4
 134 25.5 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 55.480 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion:105 Resp: 389268
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.5 67.5





#85

sec-Butylbenzene

Concen: 54.971 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

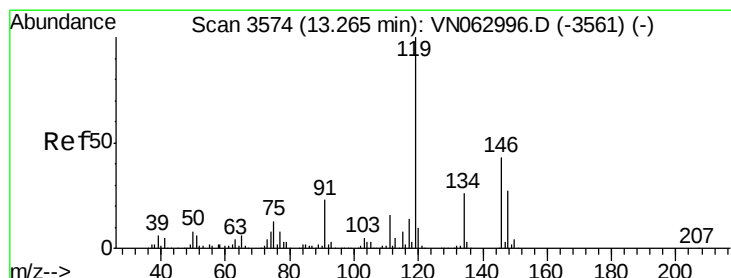
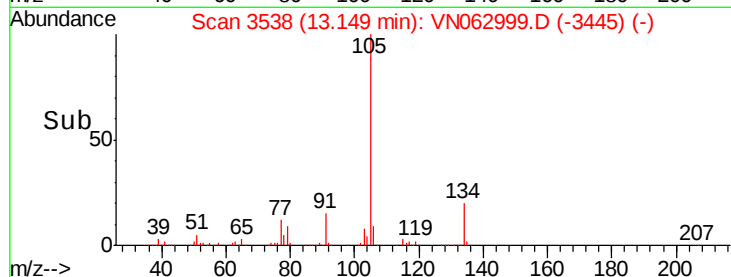
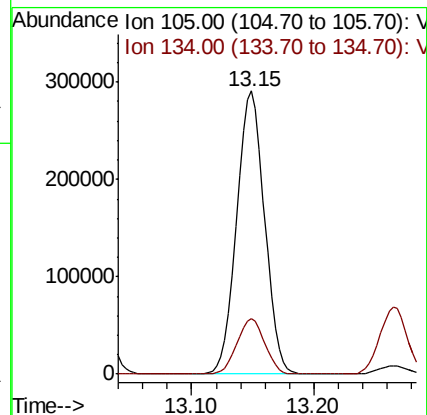
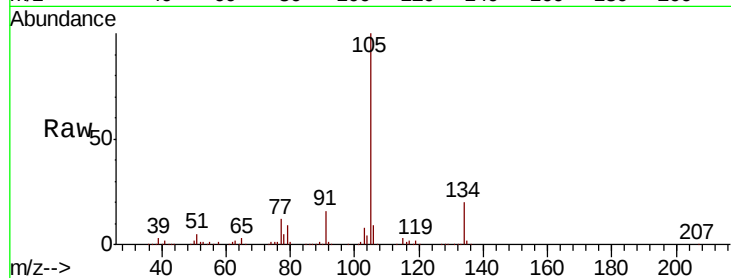
ICVFN081820

Tot Ion:105 Resp: 461819

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 55.676 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

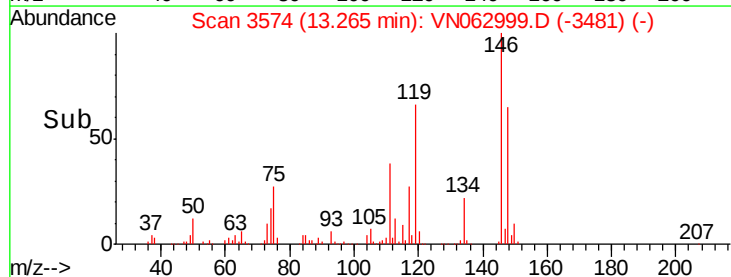
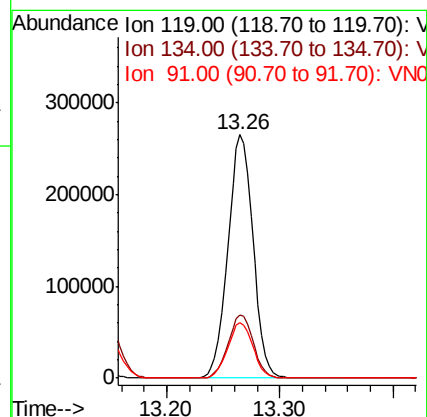
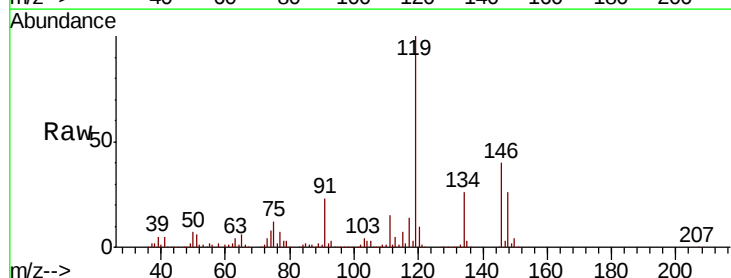
Tgt Ion:119 Resp: 407555

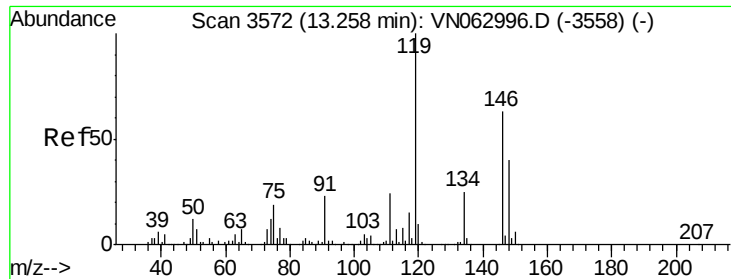
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 23.2 11.5 34.4

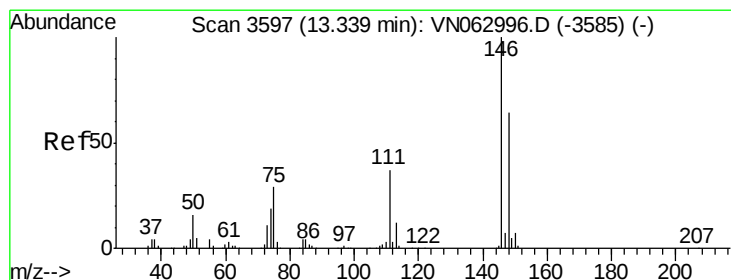
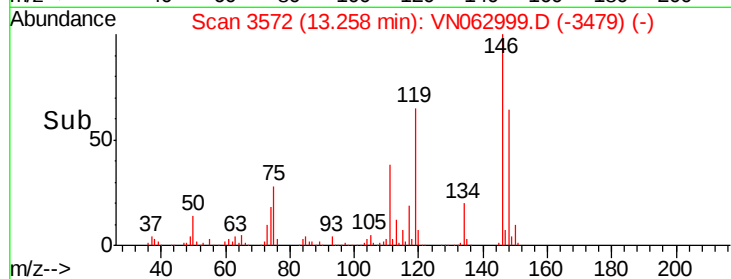
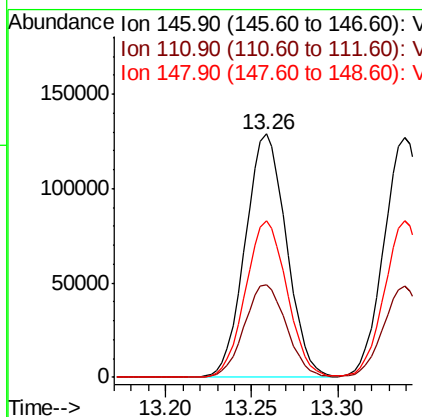
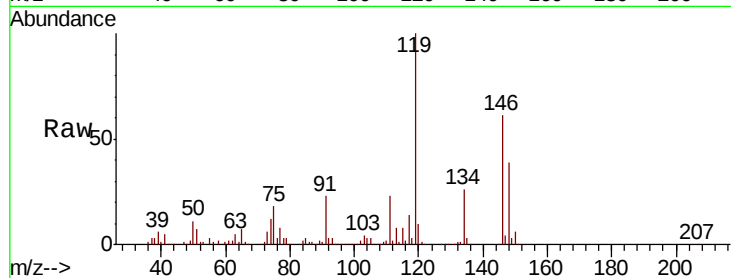




#87
 1,3-Dichlorobenzene
 Concen: 52.061 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

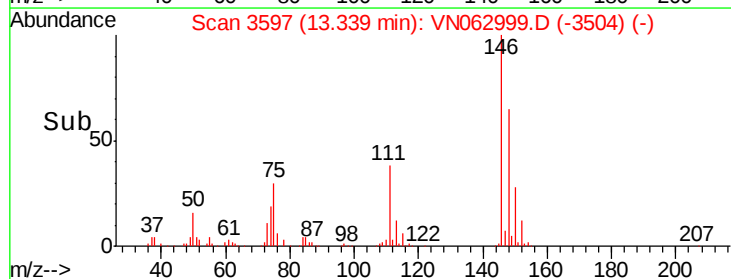
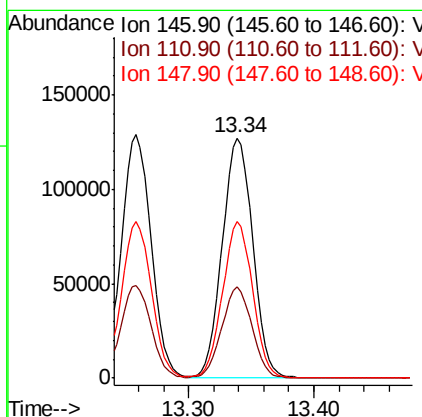
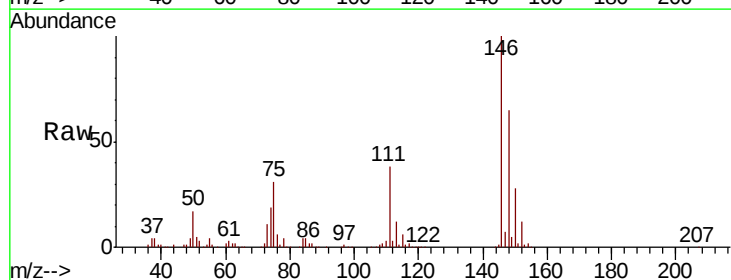
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

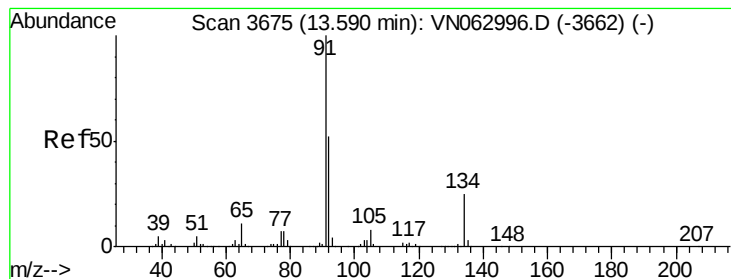
Tot Ion:146 Resp: 214388
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.1
 148 64.7 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 51.197 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion:146 Resp: 213989
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 64.4 32.4 97.0





#89

n-Butylbenzene

Concen: 47.053 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampled :

ICVVN081820

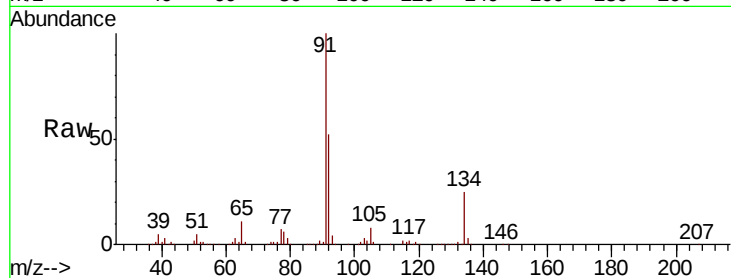
Tot Ion: 91 Resp: 325252

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.6

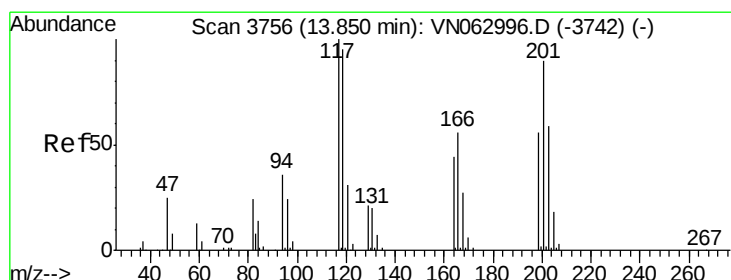
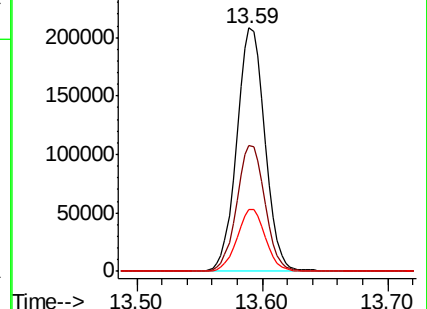
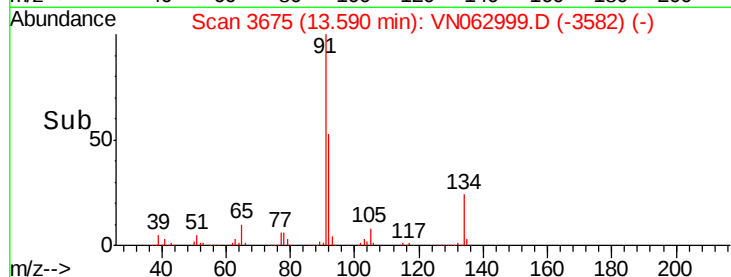
134 25.5 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VN062999.D (-3662) (-)

Ion 92.00 (91.70 to 92.70): VN062999.D (-3662) (-)

Ion 134.00 (133.70 to 134.70): VN062999.D (-3662) (-)



#90

Hexachloroethane

Concen: 49.245 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062999.D

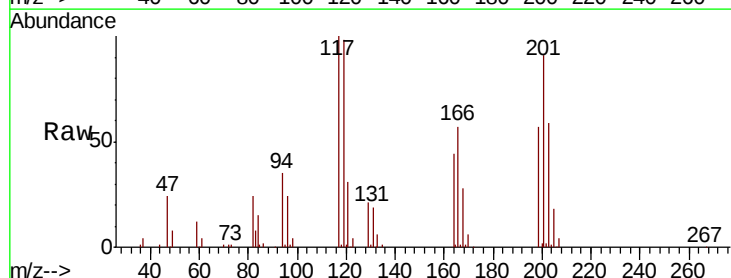
Acq: 18 Aug 2020 21:30

Tgt Ion: 117 Resp: 76619

Ion Ratio Lower Upper

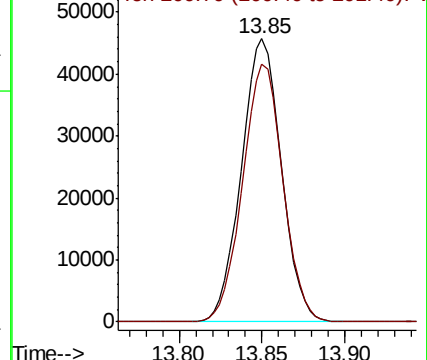
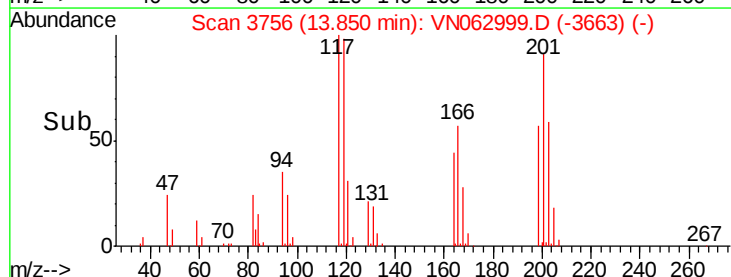
117 100

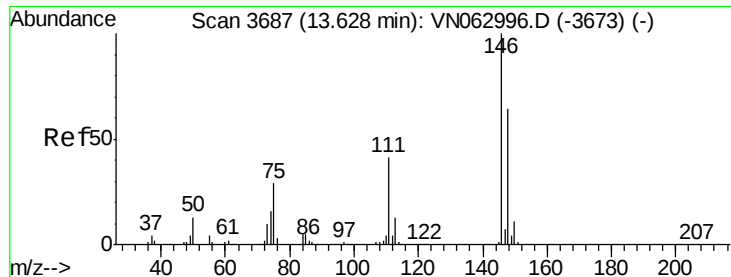
201 91.7 44.1 132.4



Abundance Ion 116.80 (116.50 to 117.50): VN062999.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062999.D (-3663) (-)

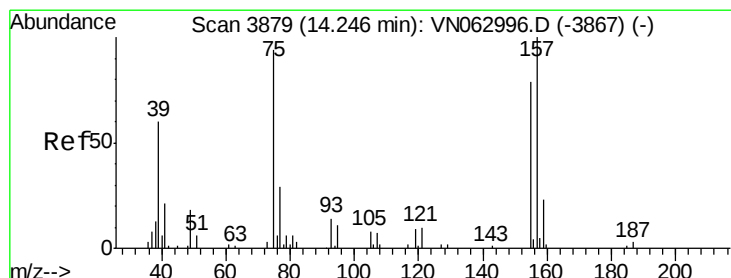
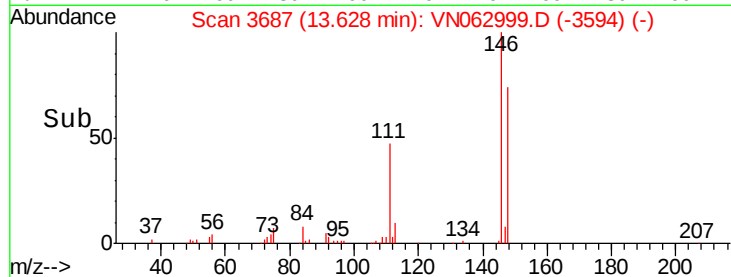
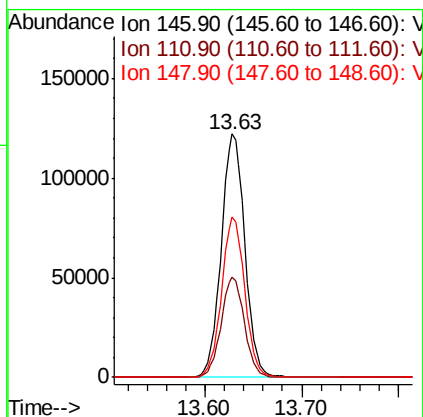
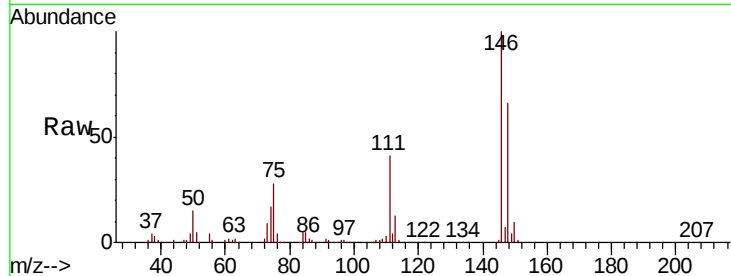




#91
 1,2-Dichlorobenzene
 Concen: 52.072 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

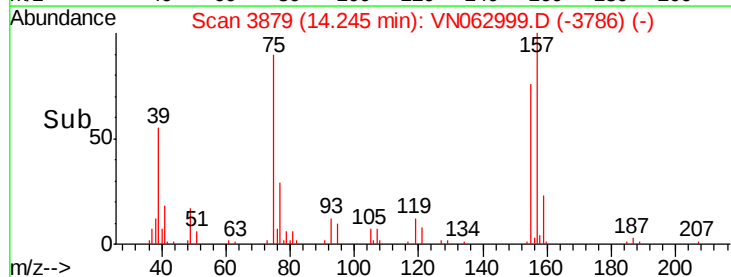
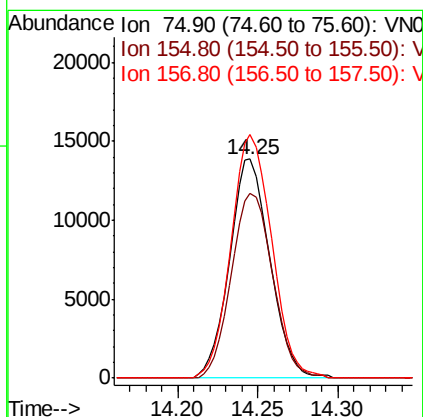
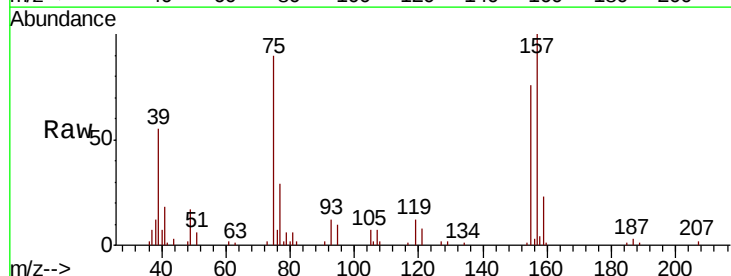
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

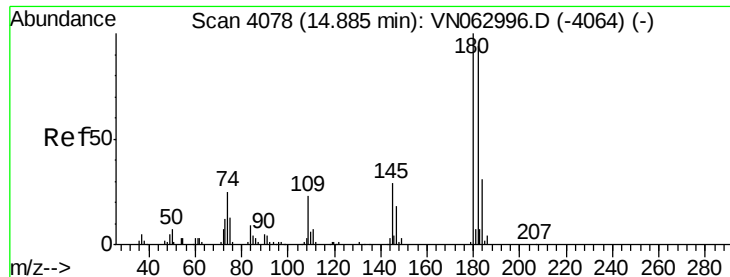
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.5
148	64.3	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.410 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.4	42.4	127.1
157	112.1	55.2	165.6

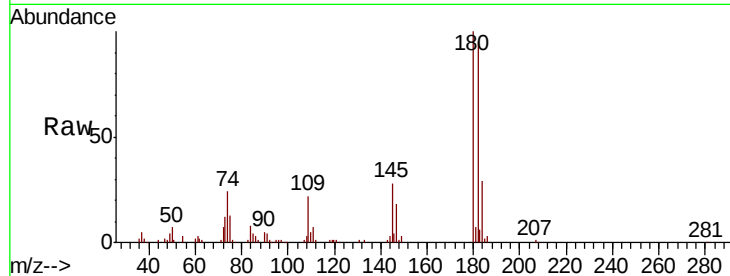




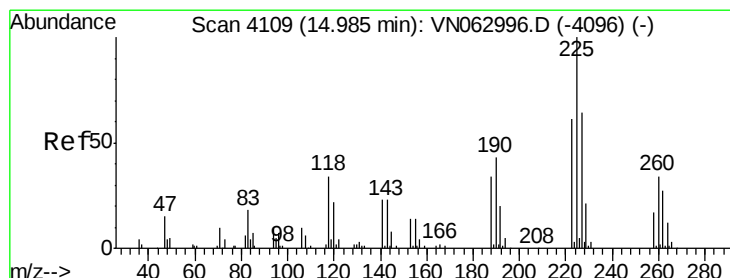
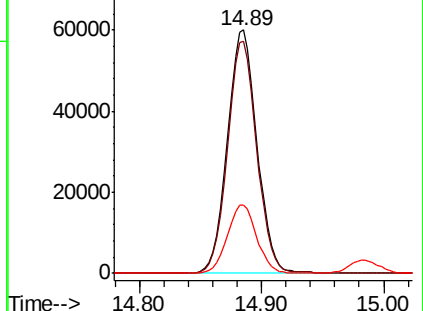
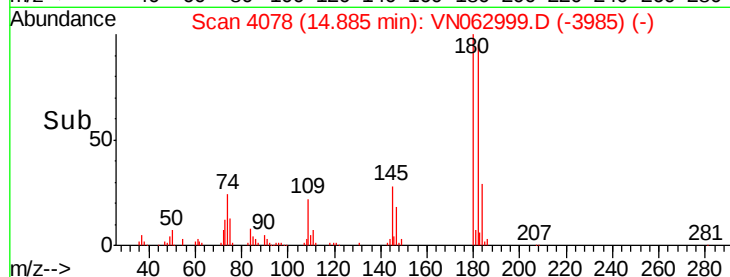
#93
 1,2,4-Trichlorobenzene
 Concen: 46.382 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081820

Tot Ion:180 Resp: 101472
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.0 141.2
 145 27.9 14.1 42.4

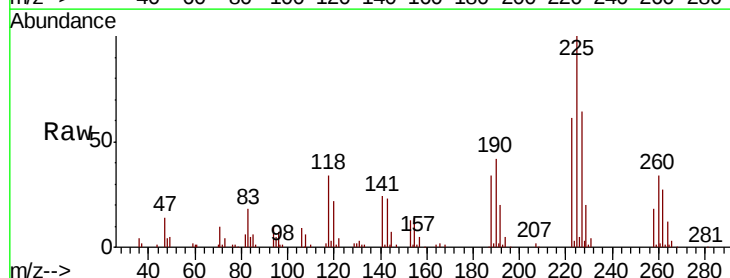


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

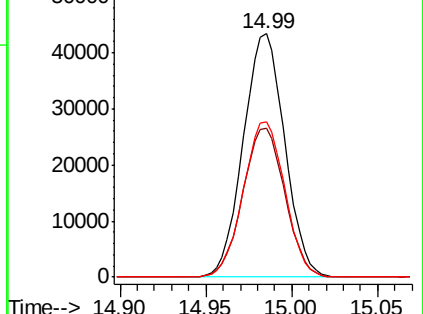
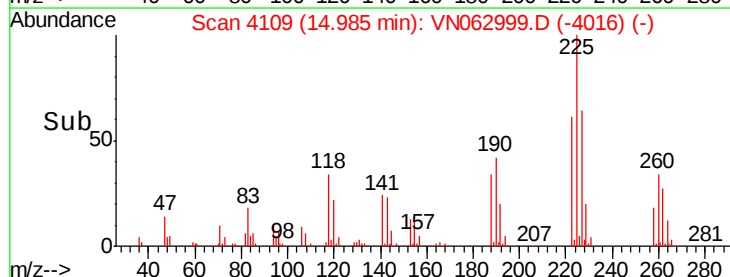


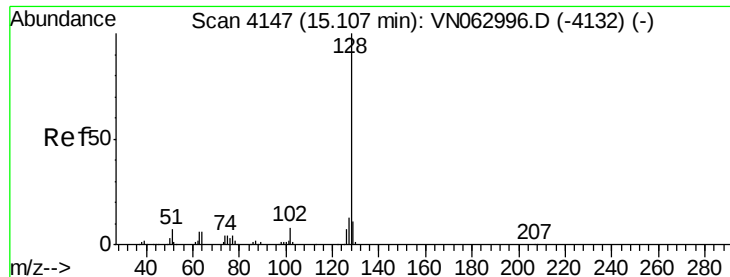
#94
 Hexachlorobutadiene
 Concen: 49.409 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN062999.D
 Acq: 18 Aug 2020 21:30

Tgt Ion:225 Resp: 72626
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.9 92.5
 227 63.9 31.9 95.9



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





#95

Naphthalene

Concen: 45.567 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

Instrument :

MSVOA_N

ClientSampleId :

ICVFN081820

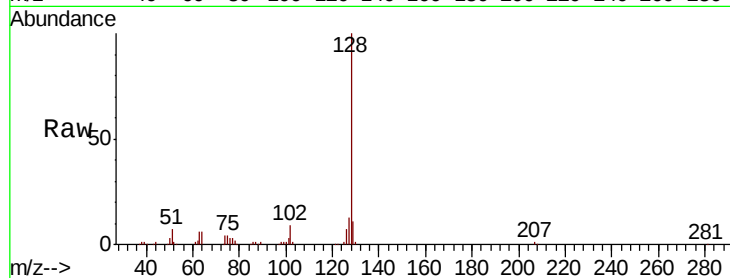
Tot Ion:128 Resp: 228448

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

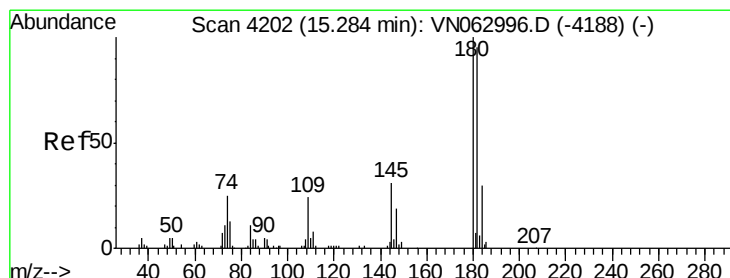
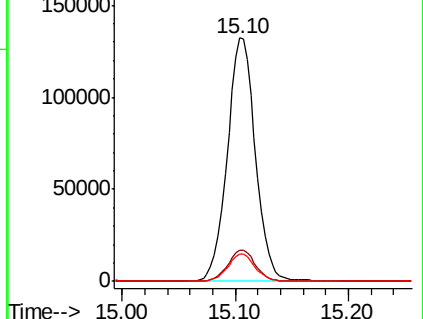
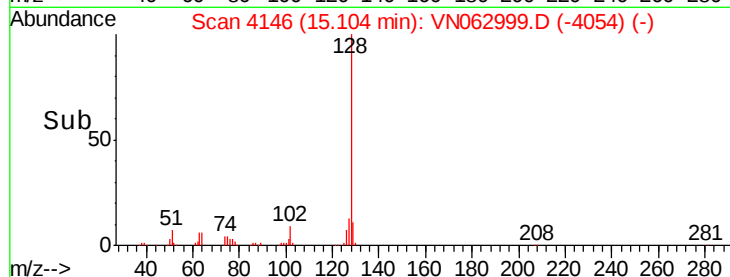
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 46.777 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN062999.D

Acq: 18 Aug 2020 21:30

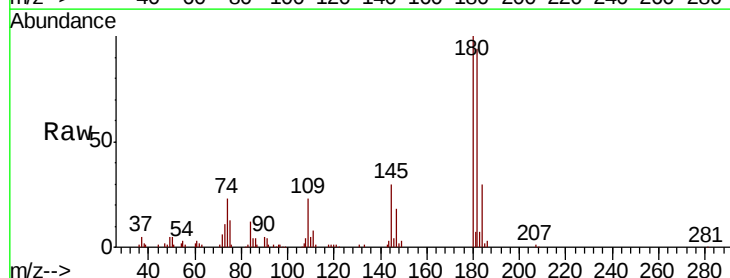
Tgt Ion:180 Resp: 100509

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 30.6 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

