

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062975.D
 Acq On : 17 Aug 2020 17:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081720

Quant Time: Aug 18 05:49:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	257231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	356209	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	336639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173157	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	125670	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	
35) Dibromofluoromethane	7.54	113	113713	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
50) Toluene-d8	10.06	98	449731	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.38	95	161726	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	154892	53.724	ug/l	99
3) Chloromethane	2.03	50	137157	49.507	ug/l	99
4) Vinyl Chloride	2.16	62	147736	42.224	ug/l	99
5) Bromomethane	2.52	94	120682	48.669	ug/l	95
6) Chloroethane	2.66	64	118185	49.598	ug/l	97
7) Trichlorofluoromethane	2.98	101	240844	49.416	ug/l	99
8) Diethyl Ether	3.37	74	84257	56.398	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	102181	43.898	ug/l	98
10) Methyl Iodide	3.91	142	138323	46.616	ug/l	99
11) Tert butyl alcohol	4.74	59	107180	230.171	ug/l	99
12) 1,1-Dichloroethene	3.69	96	94160	42.613	ug/l	97
13) Acrolein	3.56	56	52111	186.528	ug/l	96
14) Allyl chloride	4.27	41	148528	43.533	ug/l	99
15) Acrylonitrile	4.93	53	291613	237.467	ug/l	97
16) Acetone	3.77	43	266316	252.414	ug/l	99
17) Carbon Disulfide	4.00	76	250493	39.505	ug/l	100
18) Methyl Acetate	4.27	43	125272	52.948	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	354857	49.163	ug/l	98
20) Methylene Chloride	4.50	84	115007	45.162	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	104230	45.033	ug/l	98
22) Diisopropyl ether	5.90	45	346421	46.989	ug/l	99
23) Vinyl Acetate	5.84	43	1178188	226.726	ug/l	99
24) 1,1-Dichloroethane	5.79	63	194399	45.100	ug/l	98
25) 2-Butanone	6.78	43	380445	250.193	ug/l	99
26) 2,2-Dichloropropane	6.77	77	166108	46.620	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	126103	45.922	ug/l	100
28) Bromochloromethane	7.15	49	100997	48.604	ug/l	100
29) Tetrahydrofuran	7.17	42	245981	276.087	ug/l	100
30) Chloroform	7.33	83	202679	45.092	ug/l	99
31) Cyclohexane	7.61	56	193073	45.935	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	172657	46.278	ug/l	99
36) 1,1-Dichloropropene	7.75	75	143945	47.108	ug/l	99
37) Ethyl Acetate	6.88	43	134912	48.330	ug/l	99
38) Carbon Tetrachloride	7.73	117	152444	47.221	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	210221	51.841	ug/l	98
40) Benzene	8.00	78	457390	47.323	ug/l	100
41) Methacrylonitrile	7.12	41	63995	46.746	ug/l	89
42) 1,2-Dichloroethane	8.08	62	145987	46.016	ug/l	100
43) Isopropyl Acetate	8.12	43	220527	49.723	ug/l	99
44) Trichloroethene	8.80	130	123708	47.473	ug/l	99
45) 1,2-Dichloropropane	9.08	63	123916	46.014	ug/l	99
46) Dibromomethane	9.17	93	78761	46.975	ug/l	98
47) Bromodichloromethane	9.37	83	165487	48.662	ug/l	97
48) Methyl methacrylate	9.17	41	109354	50.407	ug/l	98
49) 1,4-Dioxane	9.17	88	51018	1111.911	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	758703	255.681	ug/l	99
52) Toluene	10.12	92	300711	49.248	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	187017	50.980	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	201503	50.888	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	125248	48.392	ug/l	98
56) Ethyl methacrylate	10.40	69	189341	47.386	ug/l	98
57) 1,3-Dichloropropane	10.68	76	201663	49.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	203858	265.855	ug/l	98
59) 2-Hexanone	10.72	43	573163	286.443	ug/l	100
60) Dibromochloromethane	10.87	129	144691	50.232	ug/l	98
61) 1,2-Dibromoethane	10.98	107	127084	48.099	ug/l	99
64) Tetrachloroethene	10.60	164	116268	50.355	ug/l	98
65) Chlorobenzene	11.41	112	337324	48.956	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	130426	48.736	ug/l	99
67) Ethyl Benzene	11.48	91	589103	50.749	ug/l	98
68) m/p-Xylenes	11.59	106	458443	104.585	ug/l	98
69) o-Xylene	11.92	106	220787	53.025	ug/l	99
70) Styrene	11.94	104	388877	53.847	ug/l	99
71) Bromoform	12.10	173	117380	52.473	ug/l #	99
73) Isopropylbenzene	12.22	105	614554	51.446	ug/l	100
74) N-amyl acetate	12.05	43	210687	51.375	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	191996	51.074	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	238983	70.692	ug/l #	100
77) Bromobenzene	12.50	156	164726	47.829	ug/l	100
78) n-propylbenzene	12.57	91	692961	49.717	ug/l	99
79) 2-Chlorotoluene	12.65	91	404413	48.278	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	520627	51.798	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	67716	53.024	ug/l	99
82) 4-Chlorotoluene	12.75	91	423552	49.618	ug/l	99
83) tert-Butylbenzene	12.97	119	451924	52.141	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	512188	52.664	ug/l	99
85) sec-Butylbenzene	13.15	105	593405	52.021	ug/l	100
86) p-Isopropyltoluene	13.26	119	546774	53.866	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	286860	50.574	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	286303	48.976	ug/l	100
89) n-Butylbenzene	13.59	91	434153	52.659	ug/l	99
90) Hexachloroethane	13.85	117	100519	48.820	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	272131	49.642	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	33644	51.781	ug/l	98

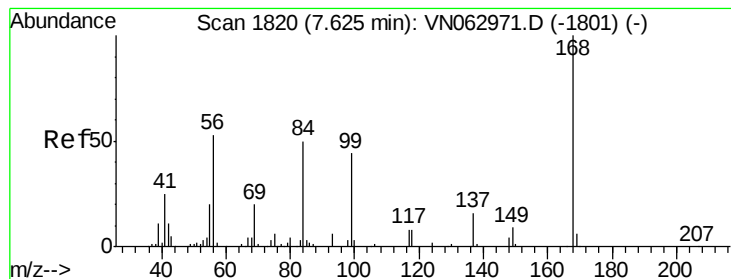
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	149085	47.980	ug/l	99
94) Hexachlorobutadiene	14.98	225	102917	48.636	ug/l	99
95) Naphthalene	15.10	128	339054	53.476	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	144722	47.296	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

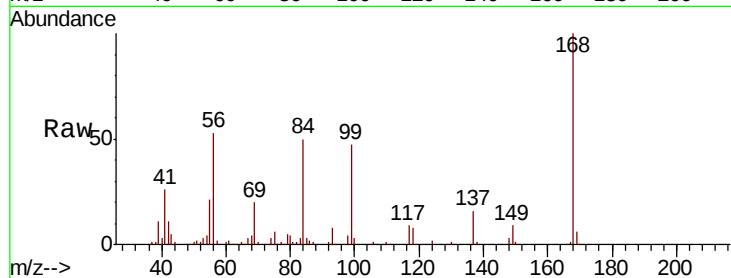
ICVFN081720

Tot Ion:168 Resp: 257231

Ion Ratio Lower Upper

168 100

99 46.4 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

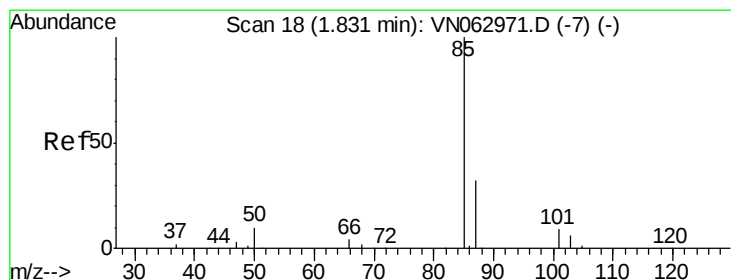
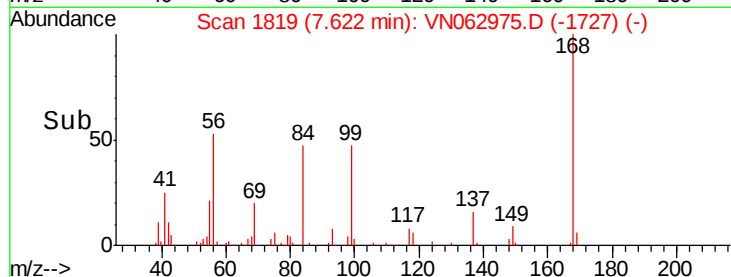
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 53.724 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062975.D

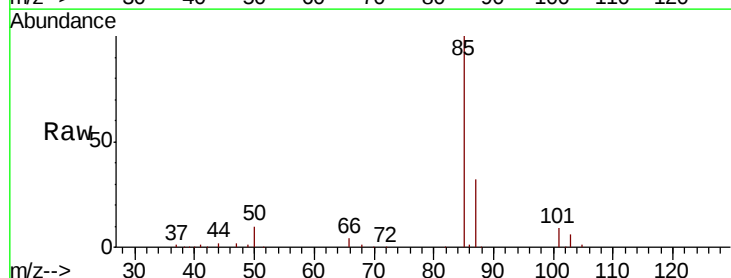
Acq: 17 Aug 2020 17:50

Tgt Ion: 85 Resp: 154892

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

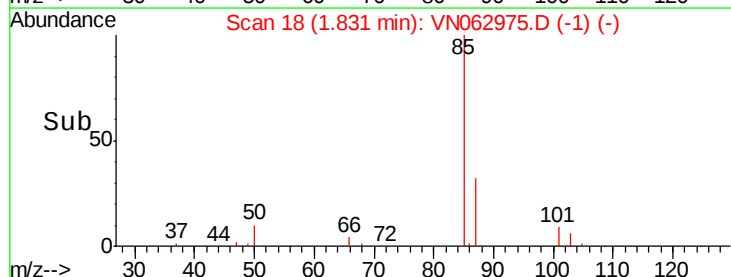
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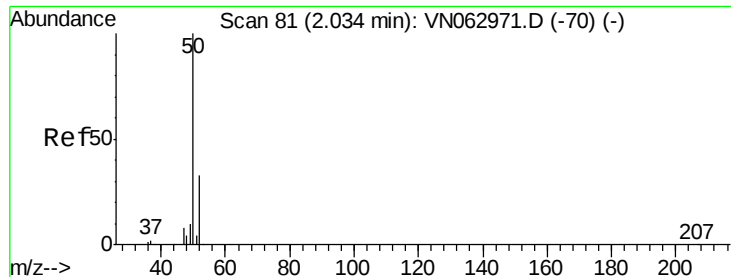
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95

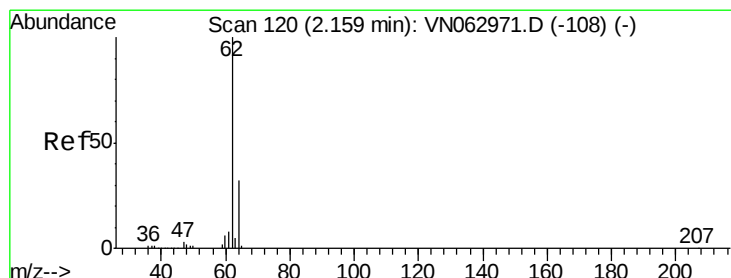
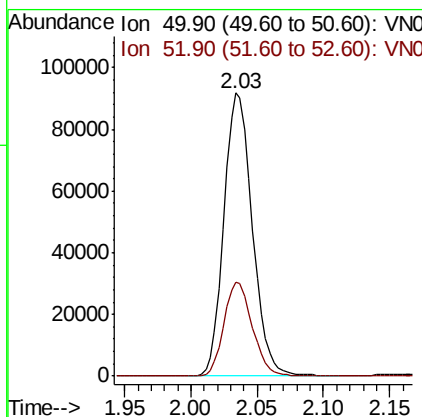
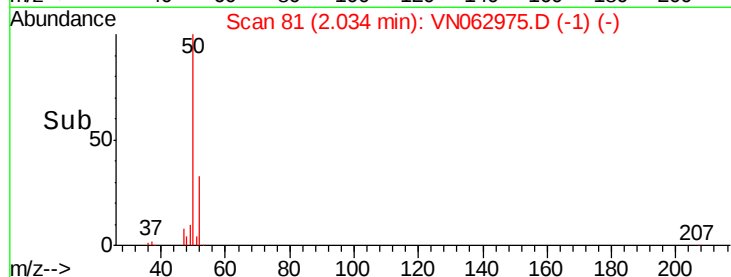
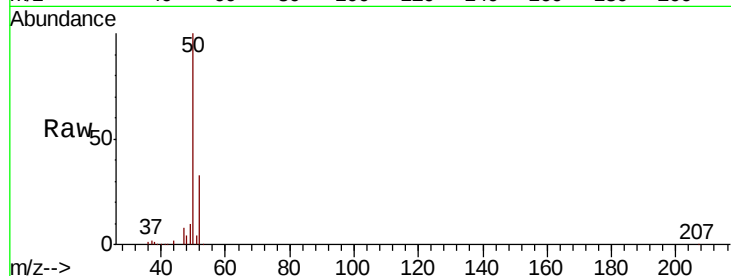




#3
Chloromethane
Concen: 49.507 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

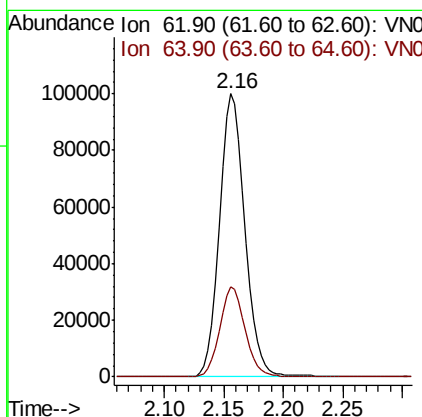
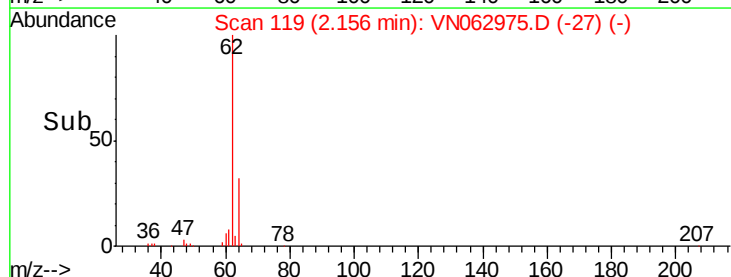
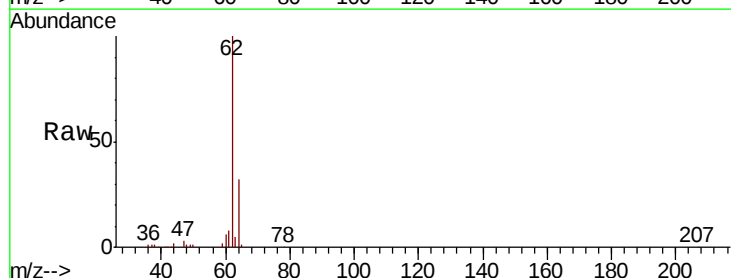
Instrument :
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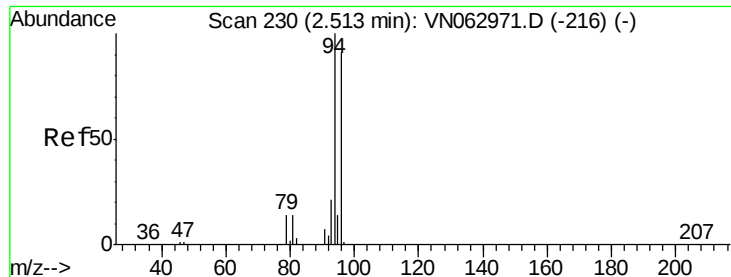
Tot Ion: 50 Resp: 137157
Ion Ratio Lower Upper
50 100
52 33.4 26.2 39.2



#4
Vinyl Chloride
Concen: 42.224 ug/l
RT: 2.16 min Scan# 119
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Tgt Ion: 62 Resp: 147736
Ion Ratio Lower Upper
62 100
64 32.1 25.9 38.9





#5

Bromomethane

Concen: 48.669 ug/l

RT: 2.52 min Scan# 231

Delta R.T. 0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

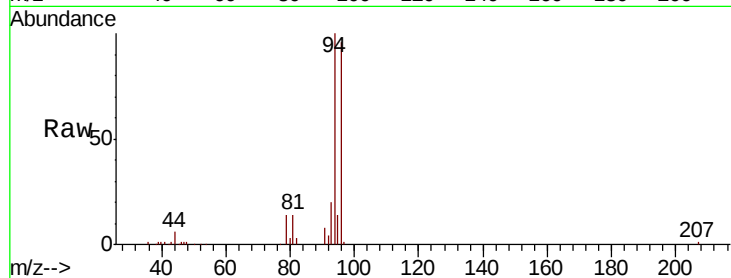
ICVVN081720

Tot Ion: 94 Resp: 120682

Ion Ratio Lower Upper

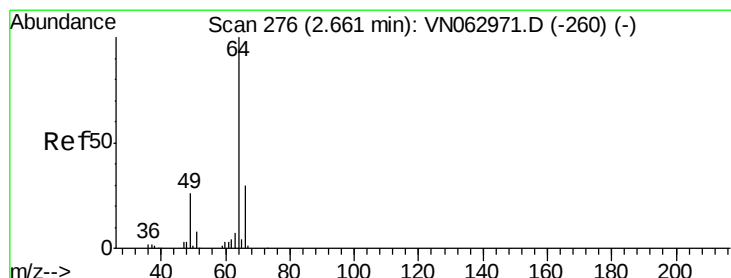
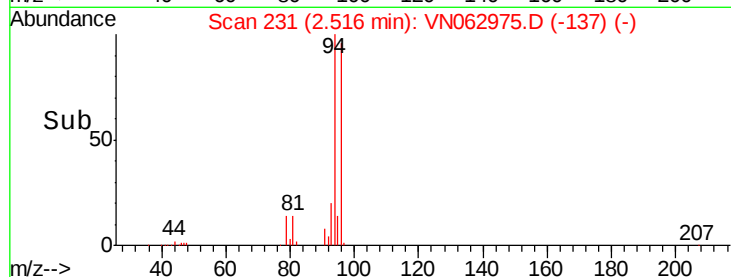
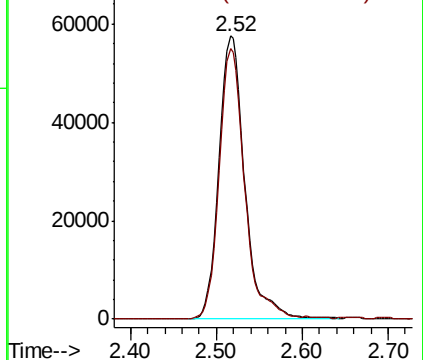
94 100

96 95.8 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.598 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062975.D

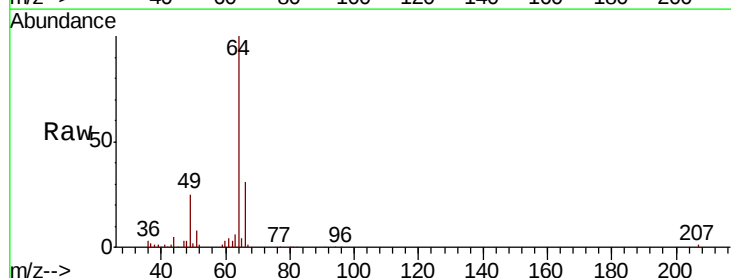
Acq: 17 Aug 2020 17:50

Tgt Ion: 64 Resp: 118185

Ion Ratio Lower Upper

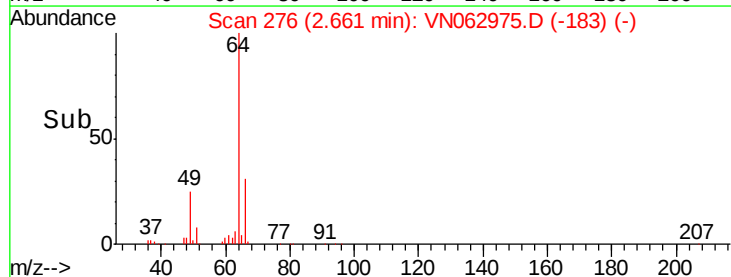
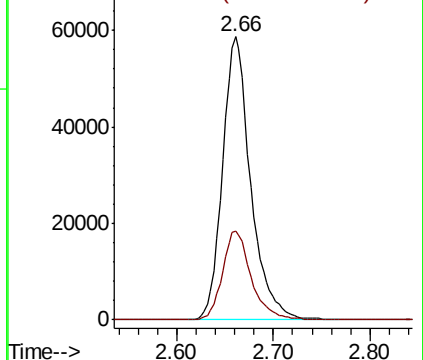
64 100

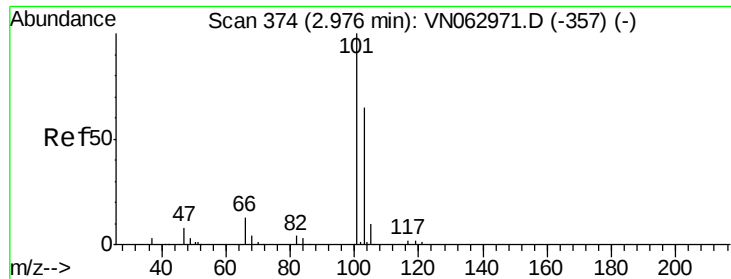
66 31.3 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



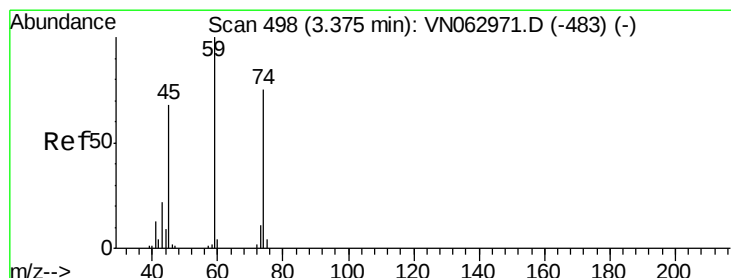
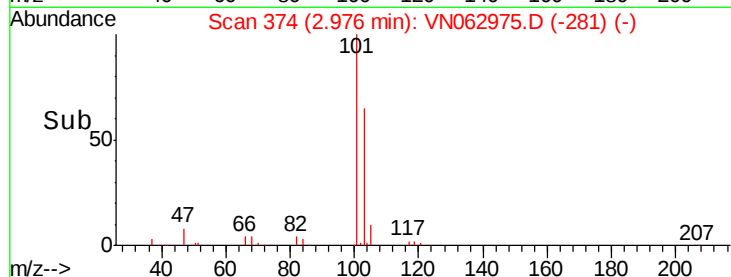
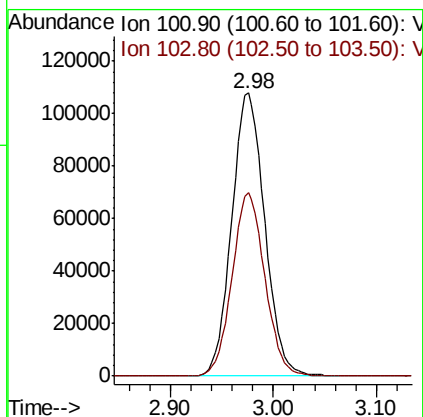
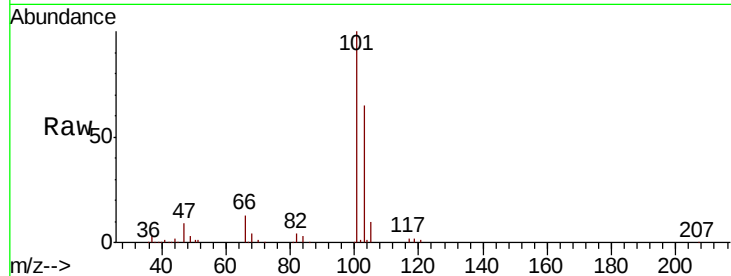


#7

Trichlorofluoromethane
 Concen: 49.416 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Instrument :
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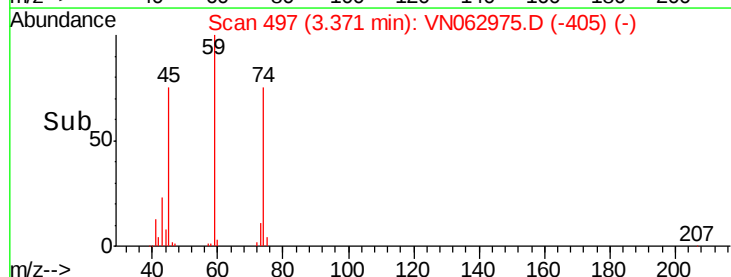
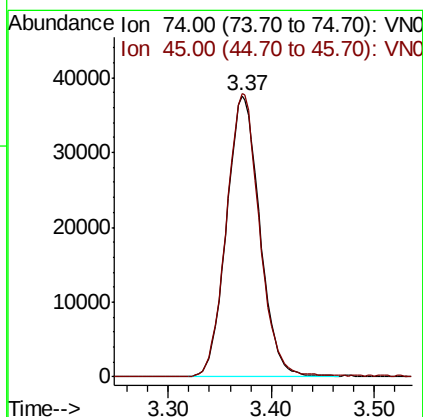
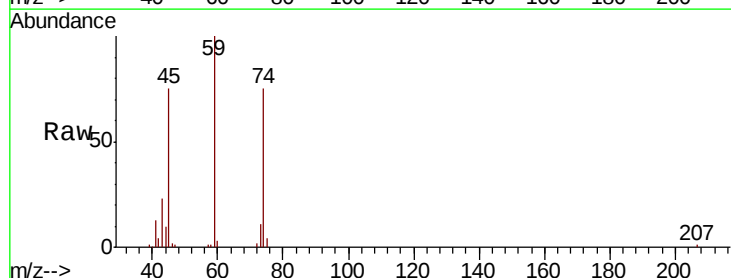
Tot Ion:101 Resp: 240844
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.2 78.4

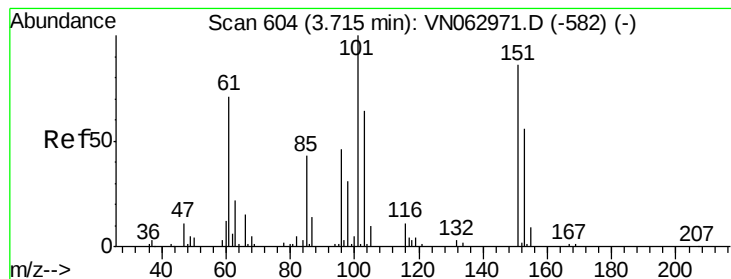


#8

Diethyl Ether
 Concen: 56.398 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Tgt Ion: 74 Resp: 84257
 Ion Ratio Lower Upper
 74 100
 45 100.3 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.898 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081720

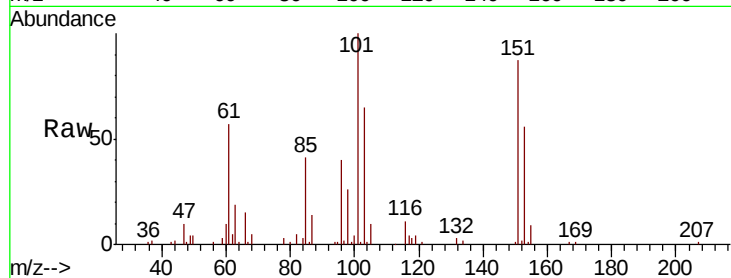
Tot Ion:101 Resp: 102181

Ion Ratio Lower Upper

101 100

85 41.3 34.1 51.1

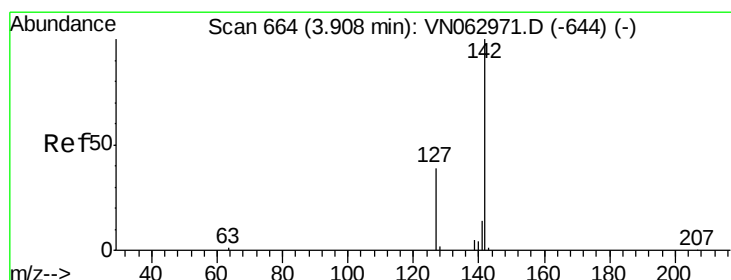
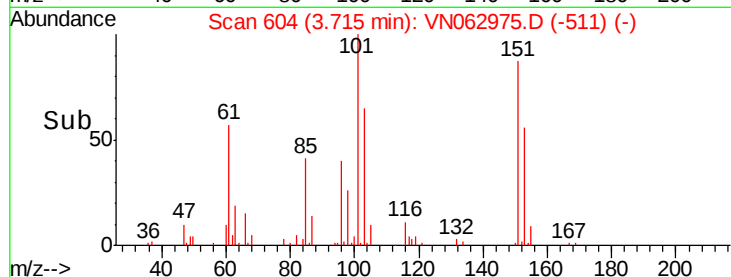
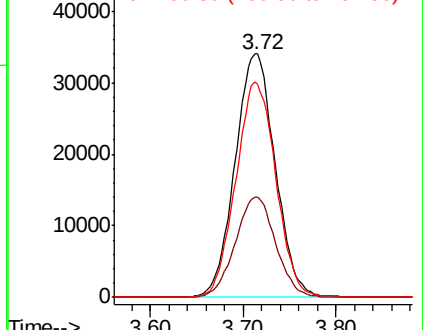
151 88.0 69.3 103.9



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: 46.616 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

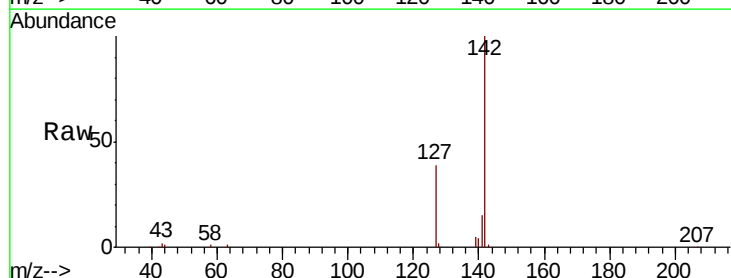
Tgt Ion:142 Resp: 138323

Ion Ratio Lower Upper

142 100

127 38.9 31.9 47.9

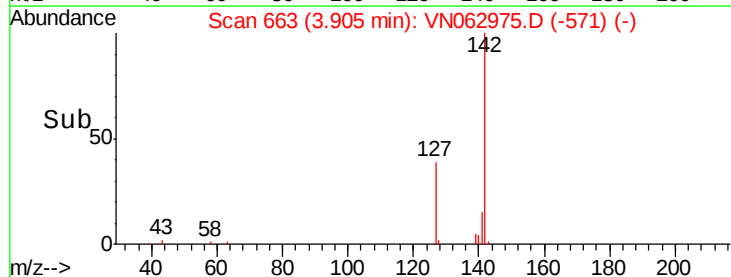
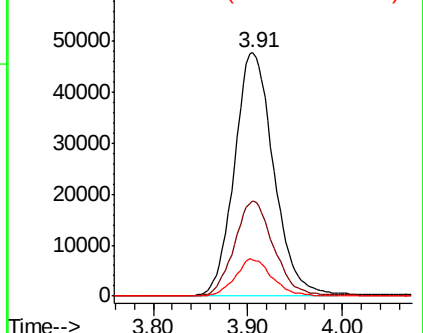
141 14.3 11.4 17.2

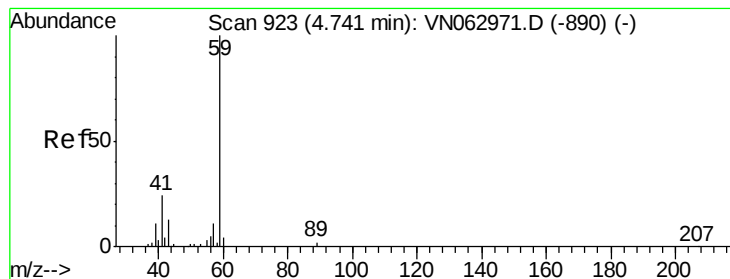


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



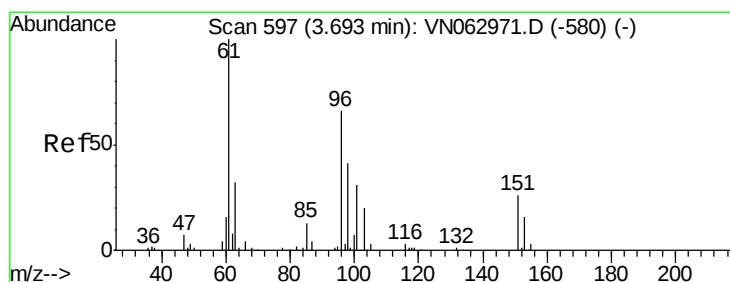
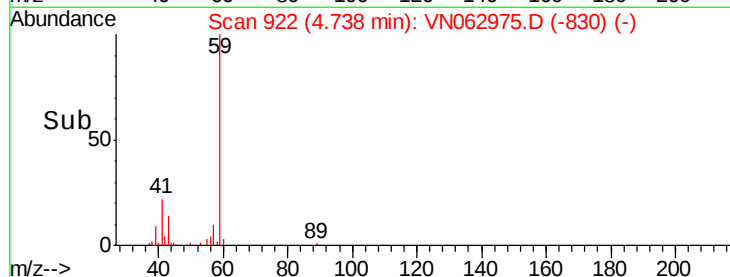
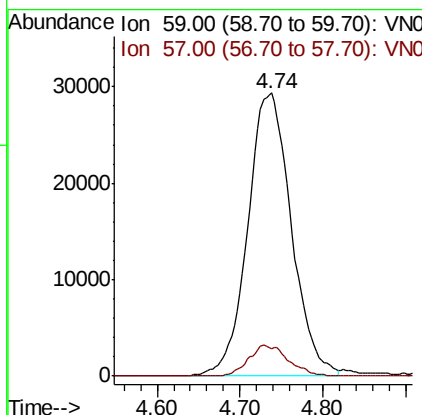
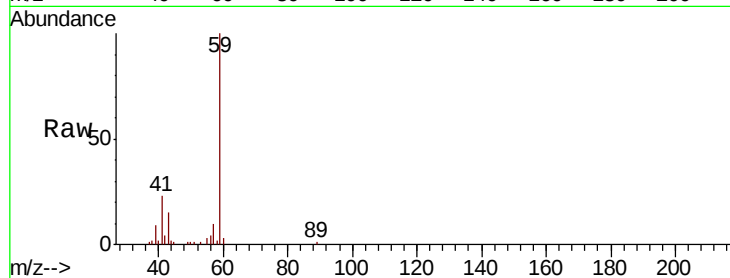


#11

Tert butyl alcohol
 Concen: 230.171 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081720

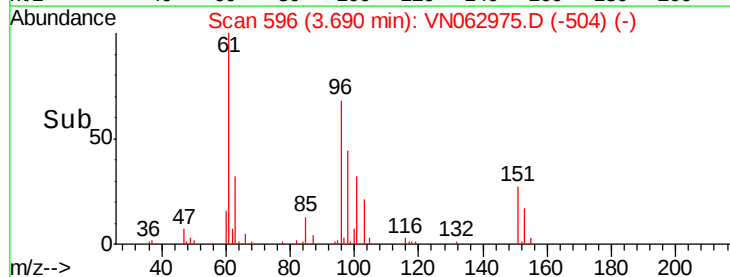
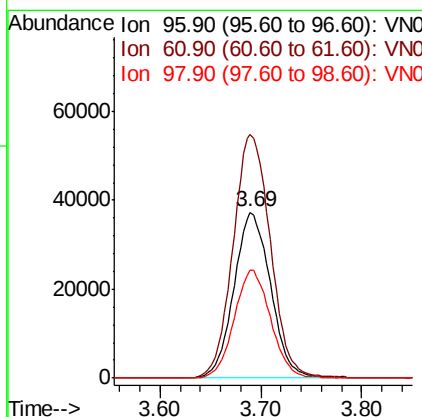
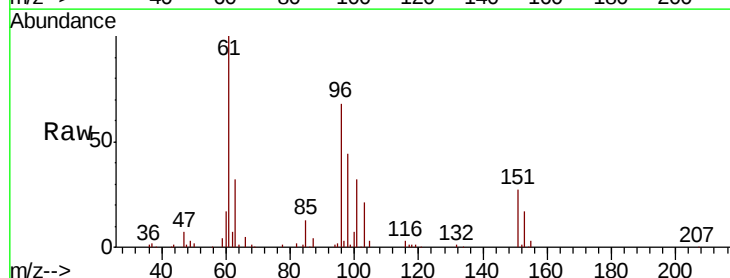
Tot Ion: 59 Resp: 107180
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.6 11.4

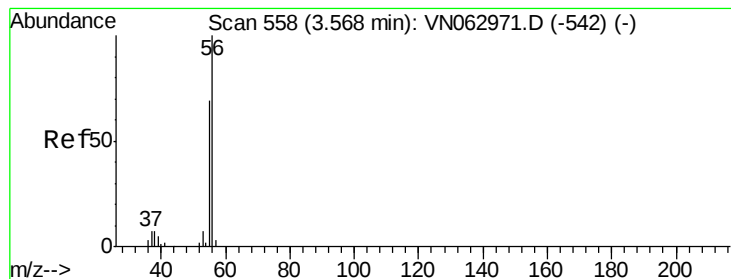


#12

1,1-Dichloroethene
 Concen: 42.613 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Tgt Ion: 96 Resp: 94160
 Ion Ratio Lower Upper
 96 100
 61 147.0 120.4 180.6
 98 65.3 49.8 74.6





#13

Acrolein

Concen: 186.528 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.01 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

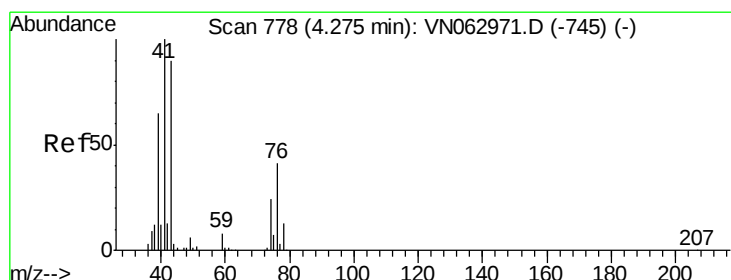
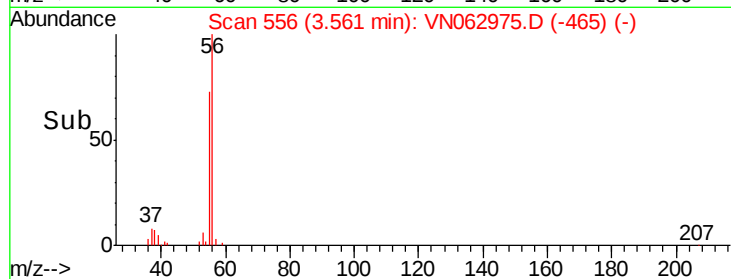
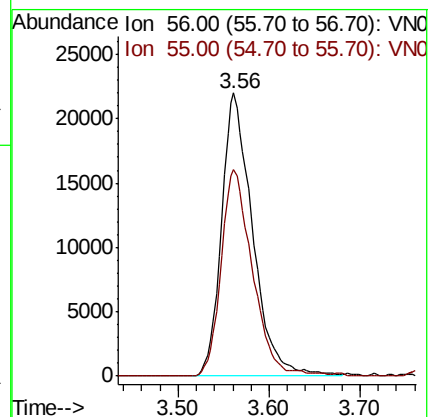
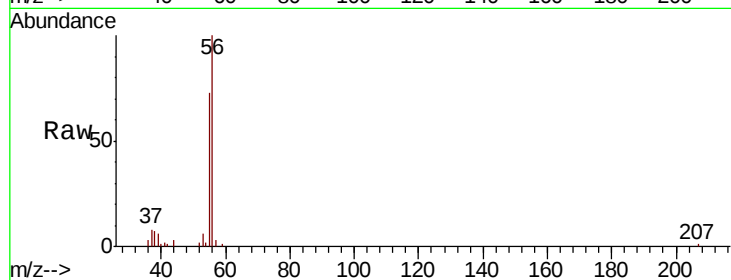
ICVFN081720

Tot Ion: 56 Resp: 52111

Ion Ratio Lower Upper

56 100

55 73.2 56.1 84.1



#14

Allyl chloride

Concen: 43.533 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

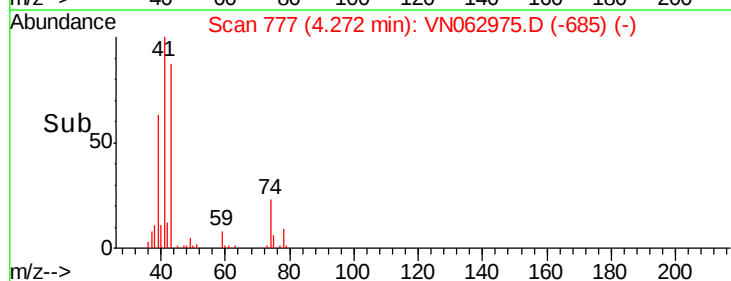
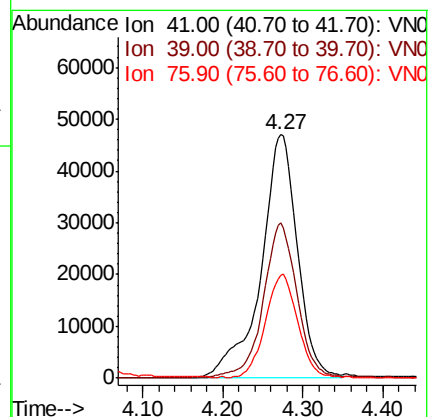
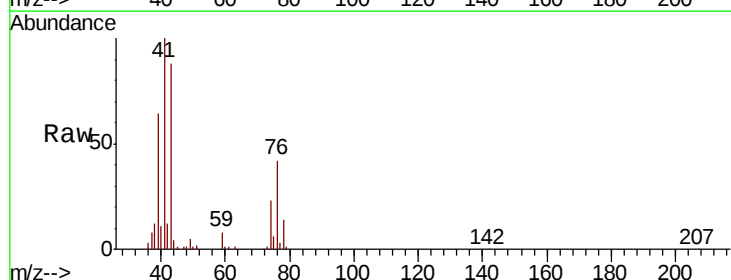
Tgt Ion: 41 Resp: 148528

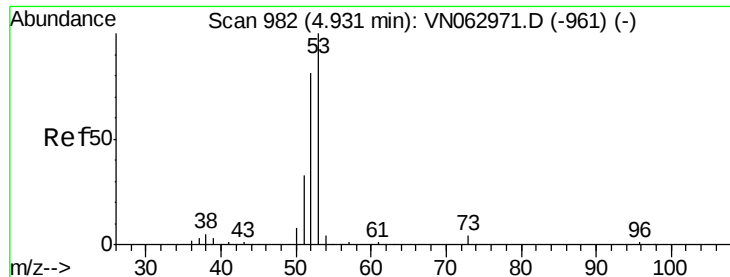
Ion Ratio Lower Upper

41 100

39 59.0 46.7 70.1

76 37.9 30.2 45.4





#15

Acrylonitrile

Concen: 237.467 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampled :

ICVVN081720

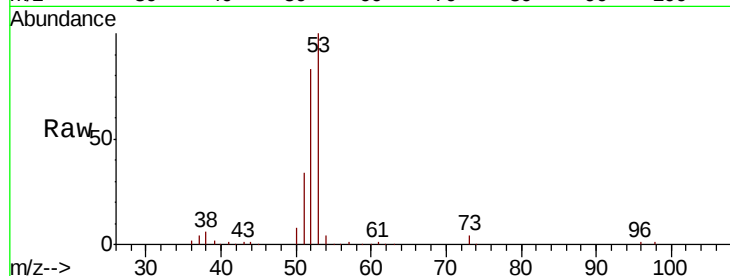
Tot Ion: 53 Resp: 291613

Ion Ratio Lower Upper

53 100

52 83.7 65.0 97.6

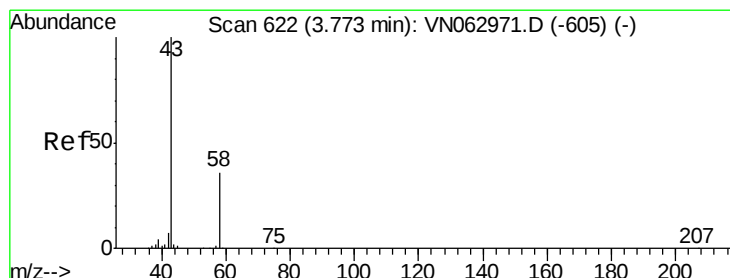
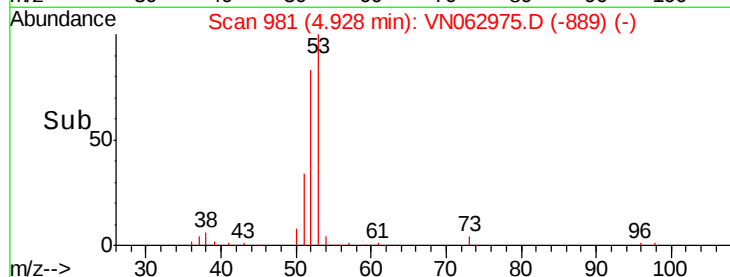
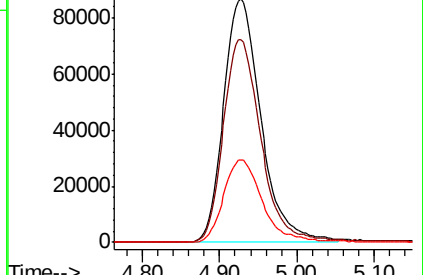
51 35.5 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VN062971.D (-961) (-)

Ion 52.00 (51.70 to 52.70): VN062971.D (-961) (-)

Ion 51.00 (50.70 to 51.70): VN062971.D (-961) (-)



#16

Acetone

Concen: 252.414 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062975.D

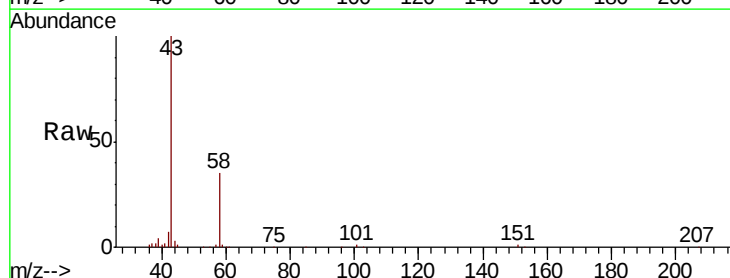
Acq: 17 Aug 2020 17:50

Tgt Ion: 43 Resp: 266316

Ion Ratio Lower Upper

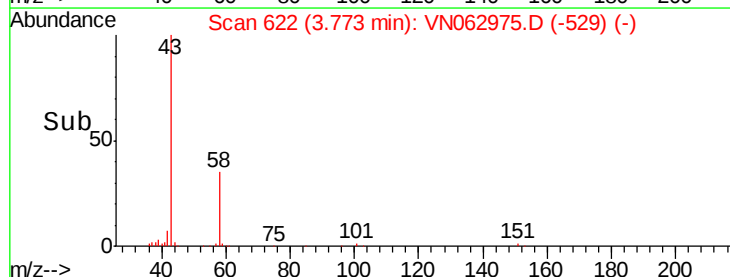
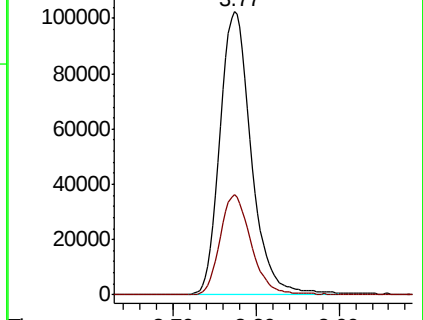
43 100

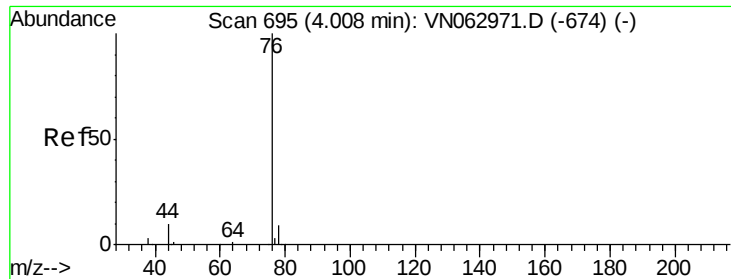
58 35.5 28.7 43.1



Abundance Ion 43.00 (42.70 to 43.70): VN062971.D (-605) (-)

Ion 58.00 (57.70 to 58.70): VN062971.D (-605) (-)

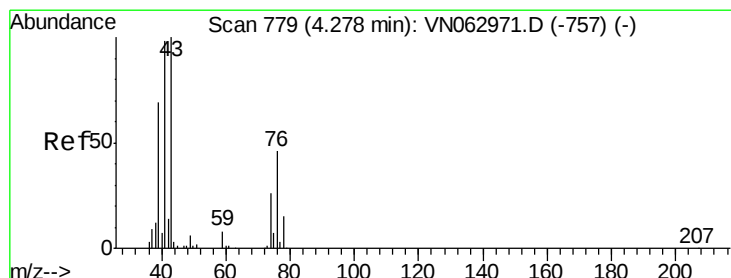
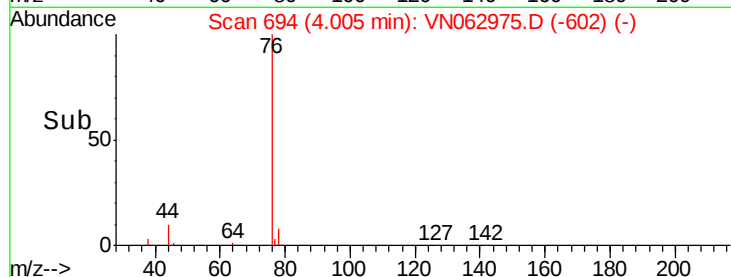
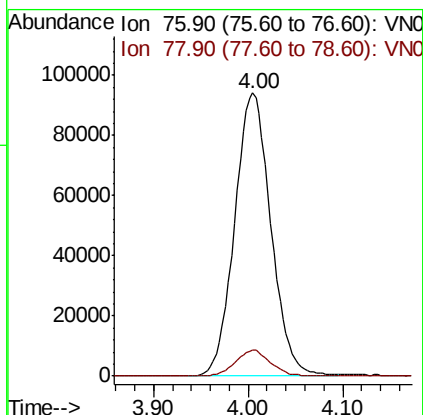
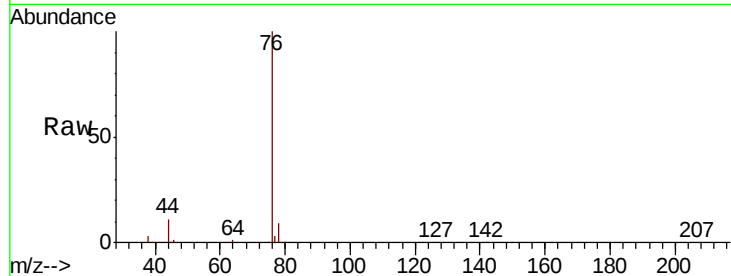




#17
Carbon Disulfide
Concen: 39.505 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

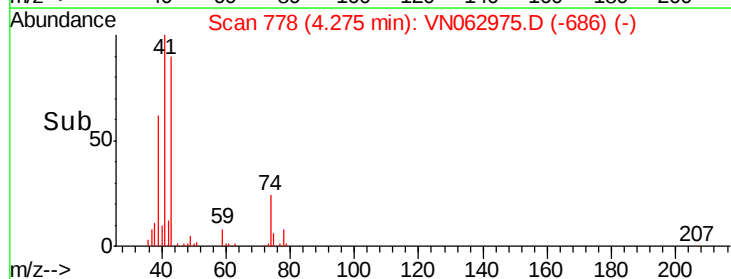
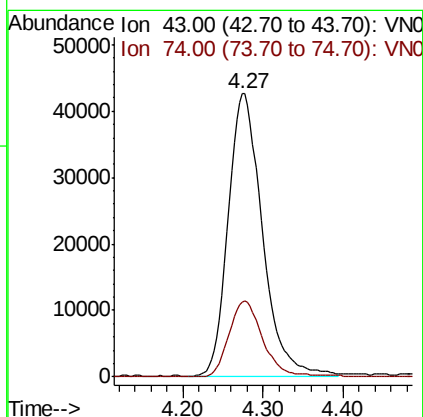
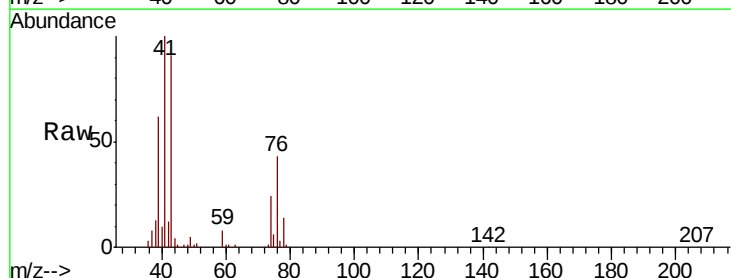
Instrument :
MSVOA_N
ClientSampled :
ICVVN081720

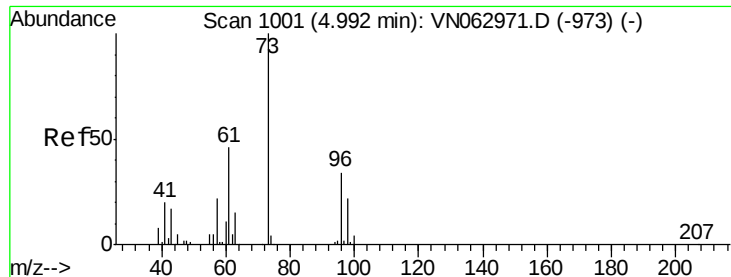
Tot Ion: 76 Resp: 250493
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 52.948 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Tgt Ion: 43 Resp: 125272
Ion Ratio Lower Upper
43 100
74 26.4 21.6 32.4

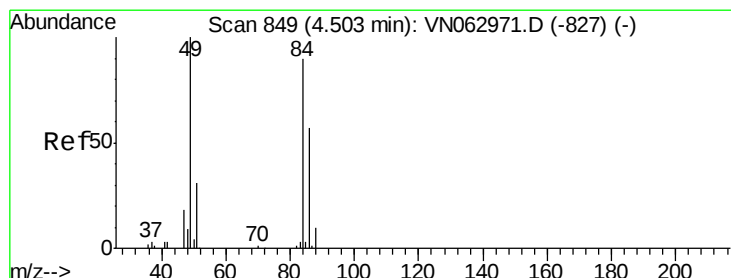
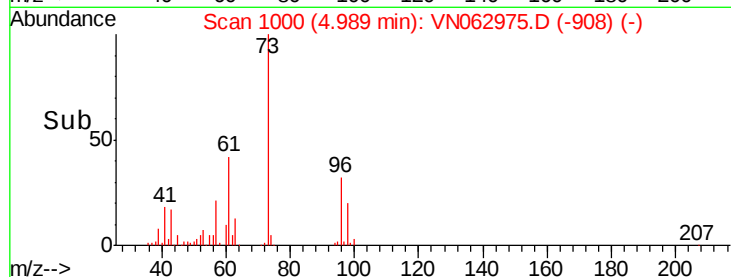
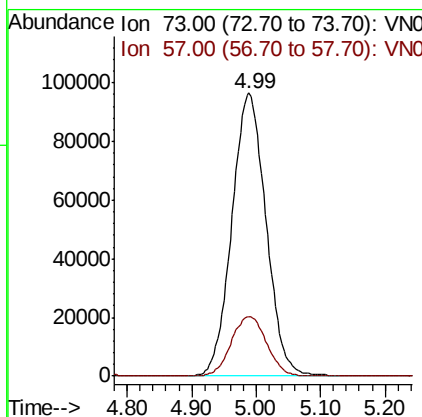
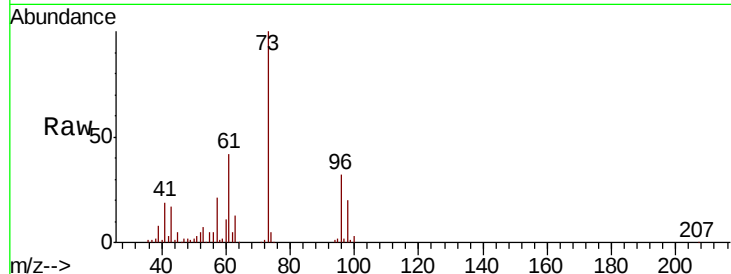




#19
Methvl tert-butvl Ether
Concen: 49.163 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

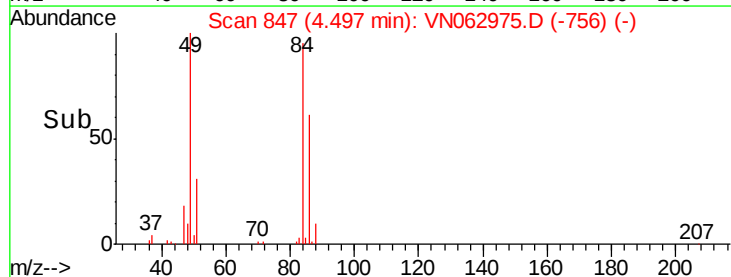
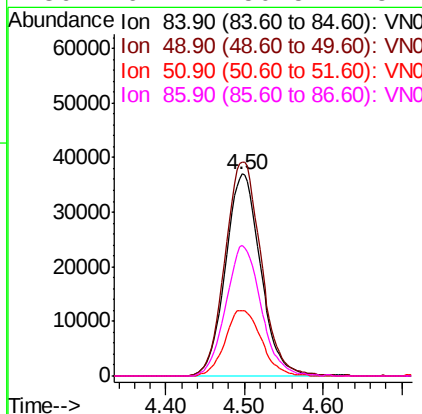
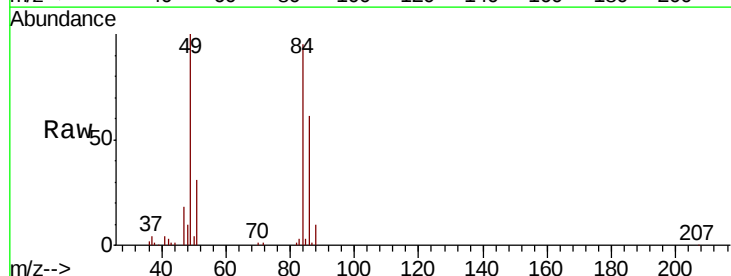
Instrument :
MSVOA_N
ClientSampled :
ICVVN081720

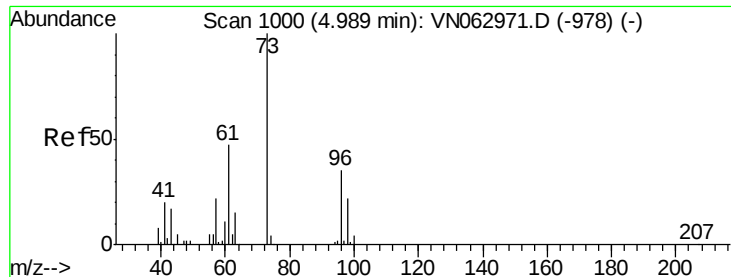
Tot Ion: 73 Resp: 354857
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4



#20
Methylene Chloride
Concen: 45.162 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Tgt Ion: 84 Resp: 115007
Ion Ratio Lower Upper
84 100
49 105.8 88.8 133.2
51 32.6 27.1 40.7
86 64.7 50.5 75.7

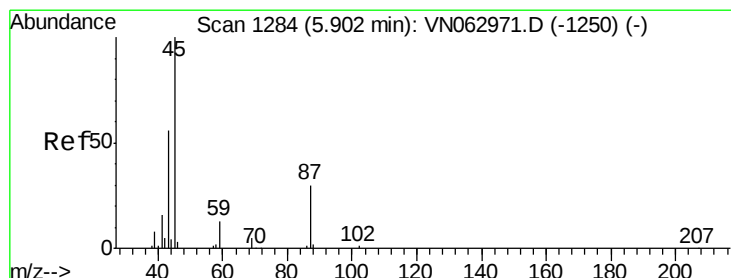
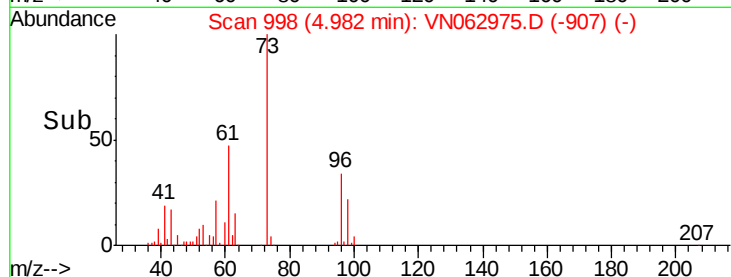
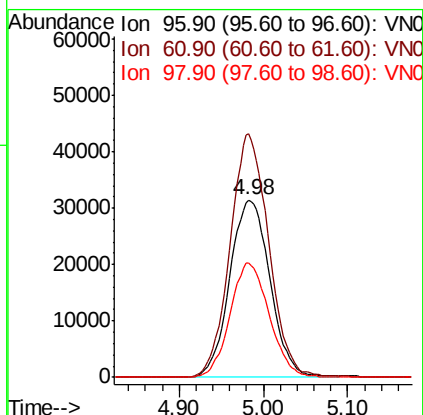
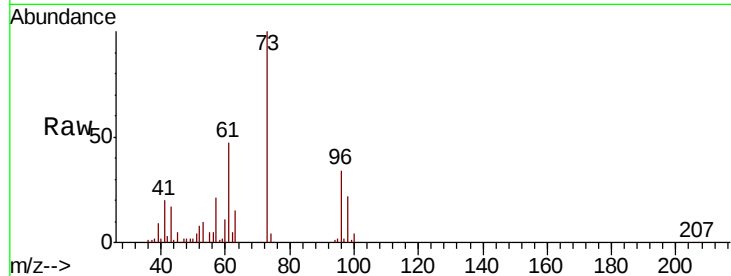




#21
trans-1,2-Dichloroethene
Concen: 45.033 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

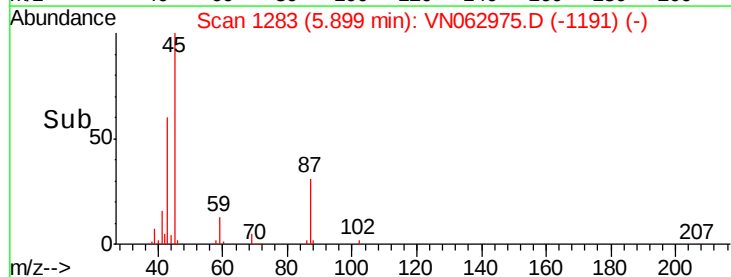
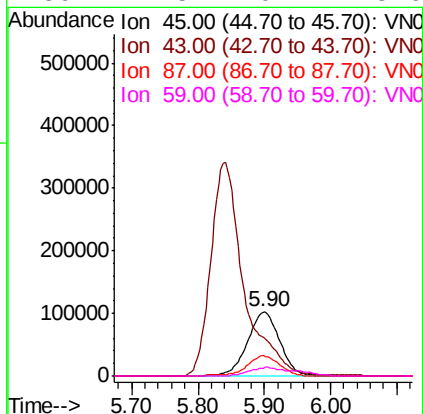
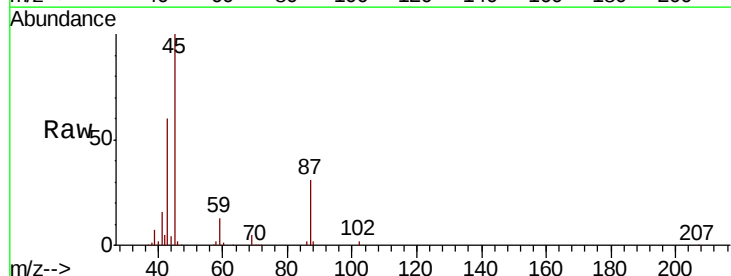
Instrument :
MSVOA_N
ClientSampled :
ICVVN081720

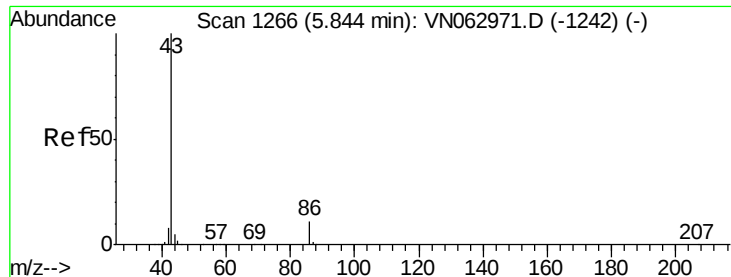
Tot Ion: 96 Resp: 104230
Ion Ratio Lower Upper
96 100
61 137.2 107.7 161.5
98 64.5 51.0 76.4



#22
Diisopropyl ether
Concen: 46.989 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Tgt Ion: 45 Resp: 346421
Ion Ratio Lower Upper
45 100
43 58.3 47.1 70.7
87 31.3 24.3 36.5
59 12.5 10.4 15.6





#23

Vinyl Acetate

Concen: 226.726 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

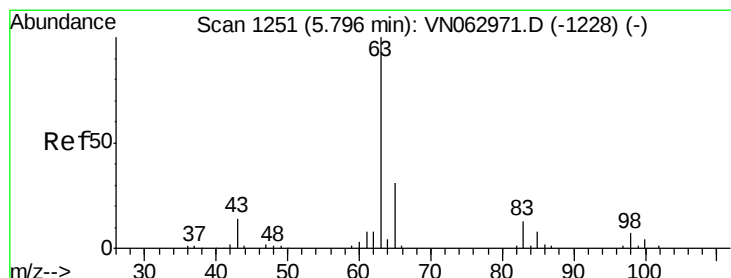
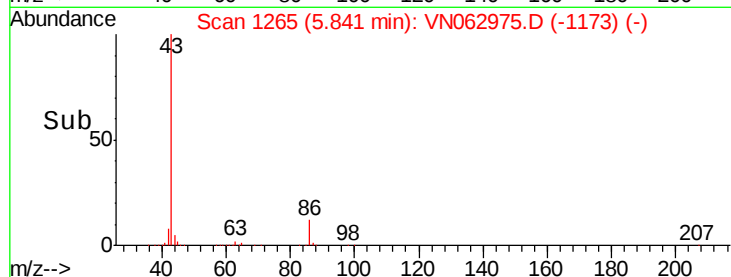
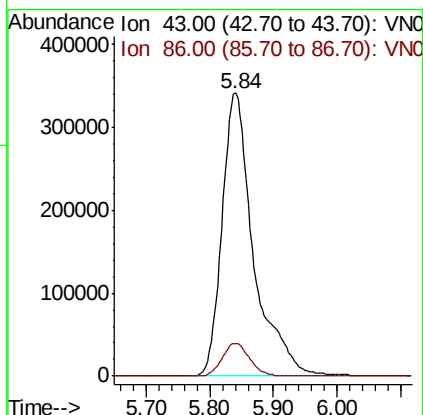
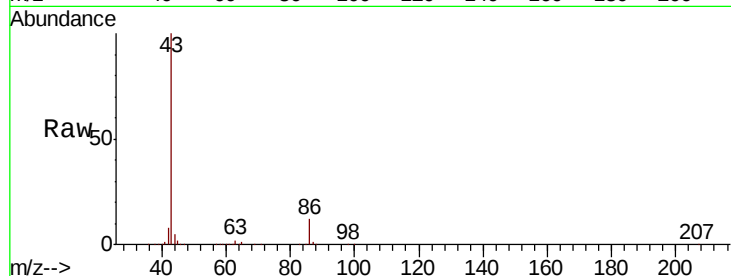
ICVVN081720

Tot Ion: 43 Resp: 1178188

Ion Ratio Lower Upper

43 100

86 11.6 9.1 13.7



#24

1,1-Dichloroethane

Concen: 45.100 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

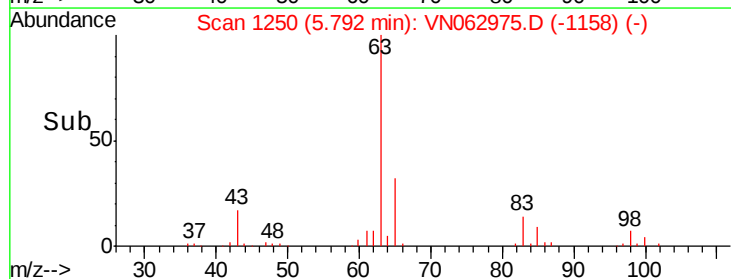
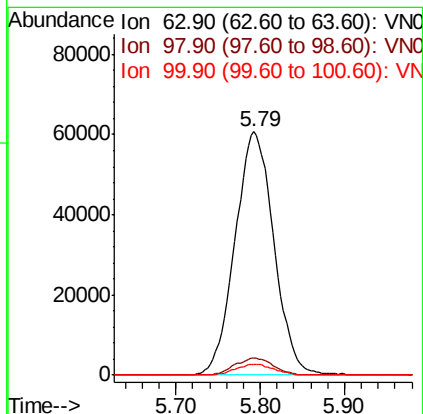
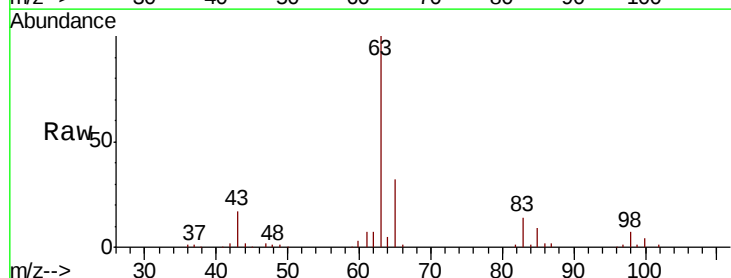
Tgt Ion: 63 Resp: 194399

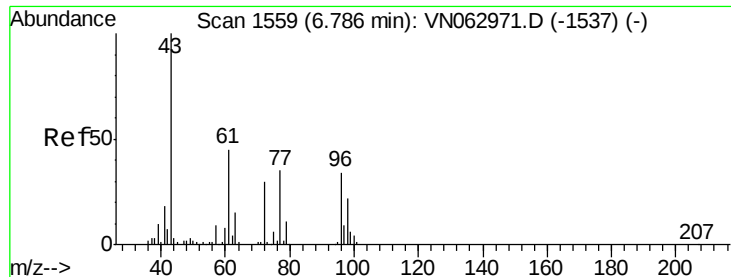
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.5 2.0 6.0





#25

2-Butanone

Concen: 250.193 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

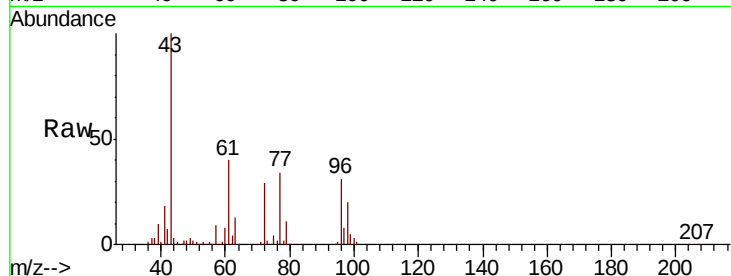
ICVFN081720

Tot Ion: 43 Resp: 380445

Ion Ratio Lower Upper

43 100

72 29.5 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VN062971.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN062971.D (-1537) (-)

6.78

150000

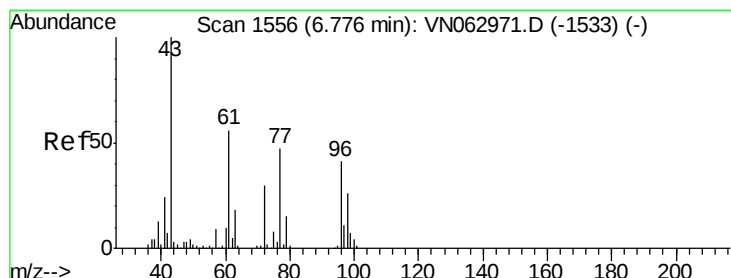
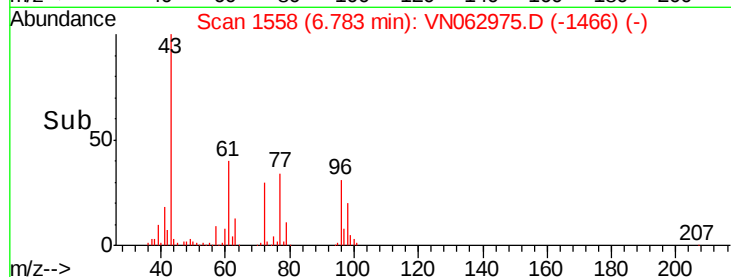
100000

50000

0

6.65 6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 46.620 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN062975.D

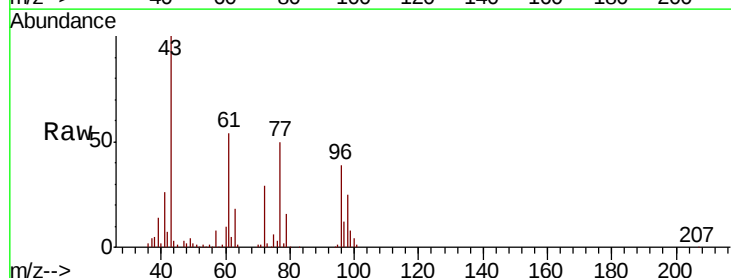
Acq: 17 Aug 2020 17:50

Tgt Ion: 77 Resp: 166108

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VN062971.D (-1537) (-)

Ion 96.90 (96.60 to 97.60): VN062971.D (-1537) (-)

6.77

60000

50000

40000

30000

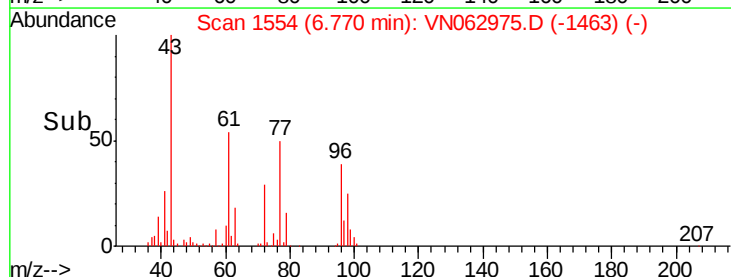
20000

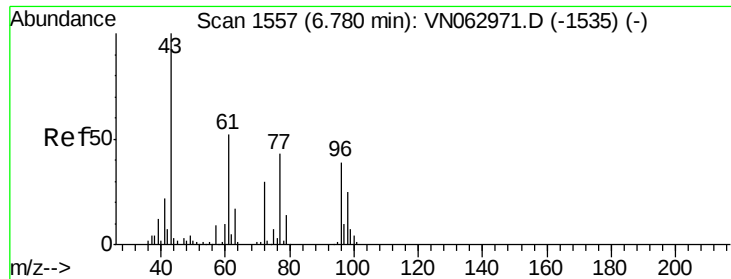
10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 45.922 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081720

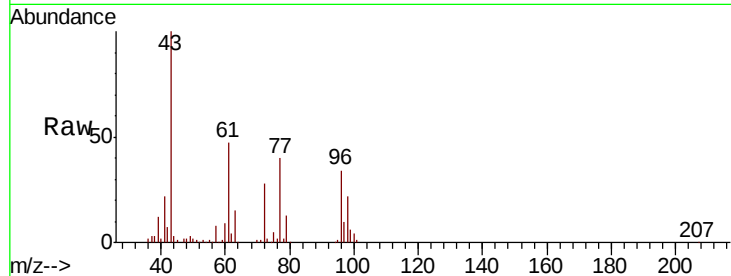
Tot Ion: 96 Resp: 126103

Ion Ratio Lower Upper

96 100

61 135.9 0.0 270.4

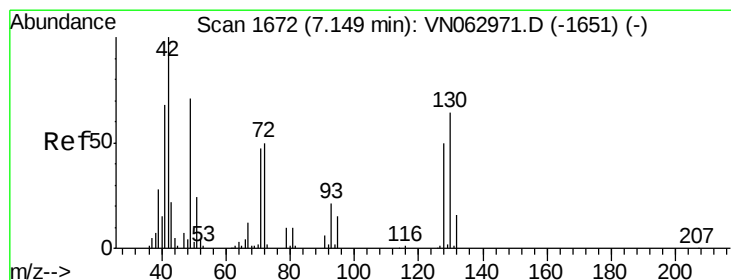
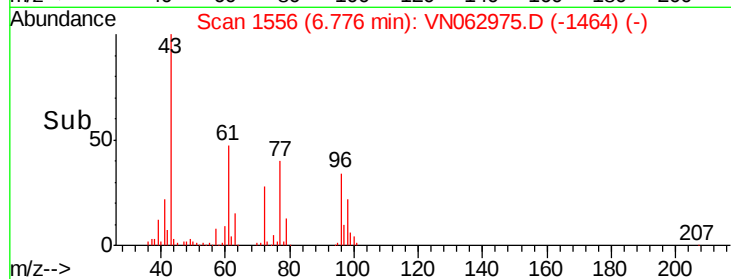
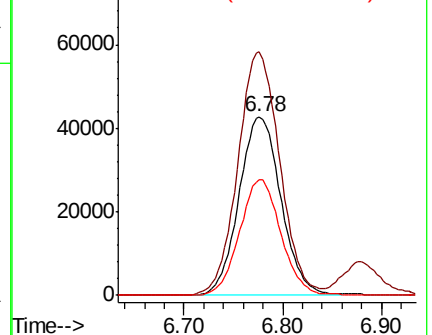
98 63.8 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN062975.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN062975.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN062975.D (-1535) (-)



#28

Bromochloromethane

Concen: 48.604 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

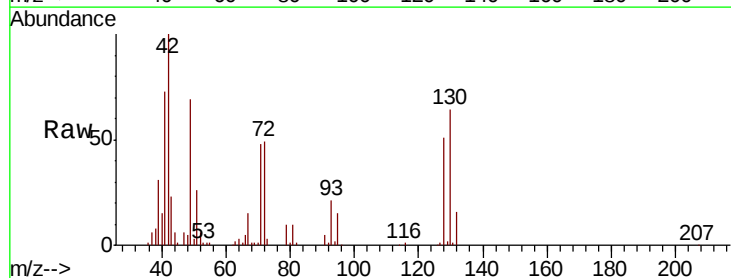
Tgt Ion: 49 Resp: 100997

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

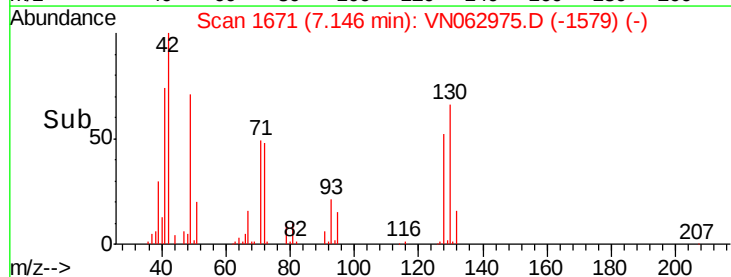
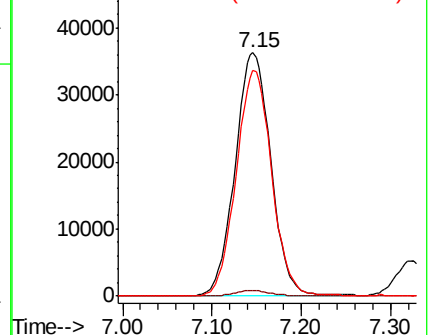
130 91.8 73.5 110.3

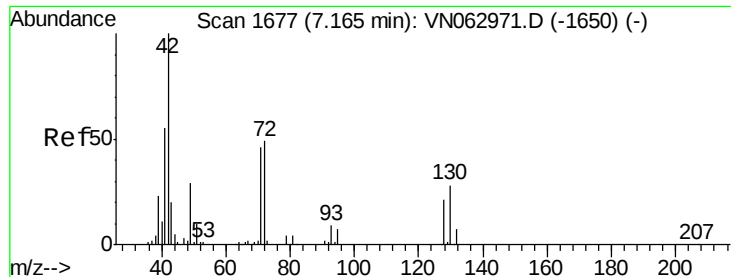


Abundance Ion 48.90 (48.60 to 49.60): VN062975.D (-1651) (-)

Ion 128.80 (128.50 to 129.50): VN062975.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN062975.D (-1651) (-)

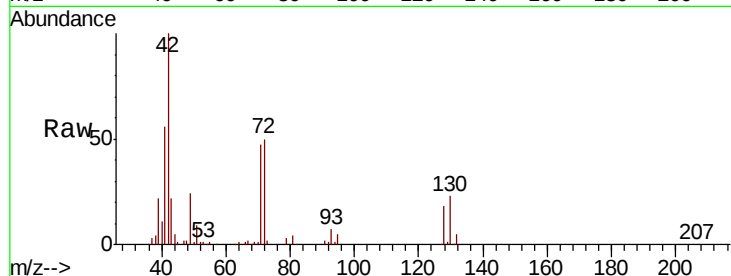




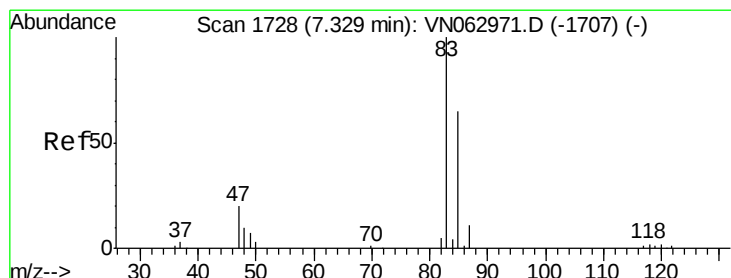
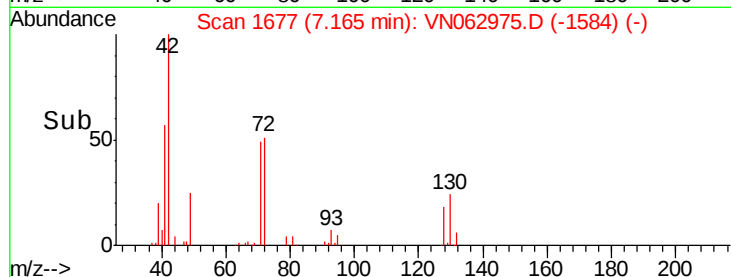
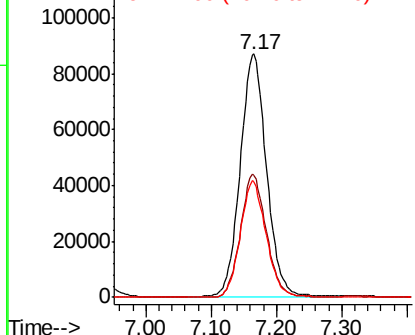
#29
Tetrahydrofuran
Concen: 276.087 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Instrument :
MSVOA_N
ClientSampled :
ICVVN081720

Tot Ion: 42 Resp: 245981
Ion Ratio Lower Upper
42 100
72 49.4 39.4 59.2
71 46.6 37.2 55.8

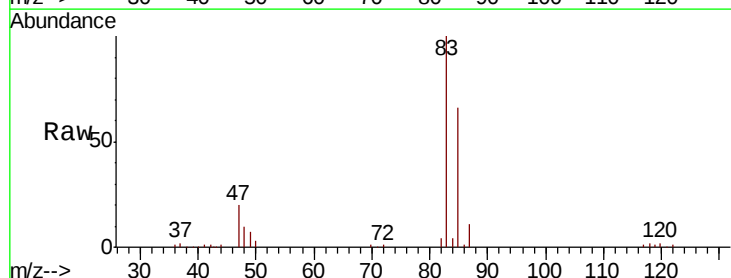


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

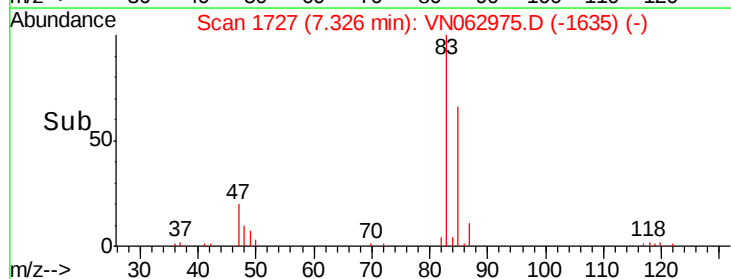
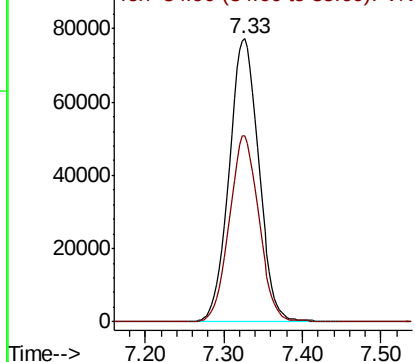


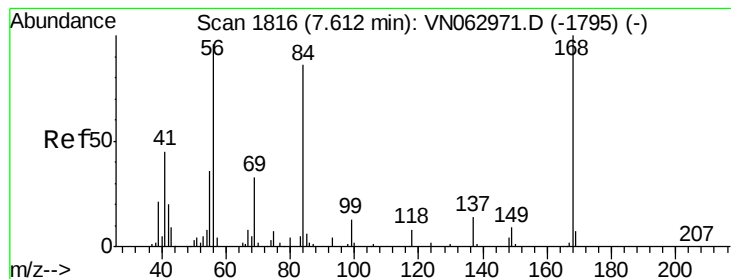
#30
Chloroform
Concen: 45.092 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Tgt Ion: 83 Resp: 202679
Ion Ratio Lower Upper
83 100
85 65.9 52.2 78.4



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





#31

Cyclohexane

Concen: 45.935 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081720

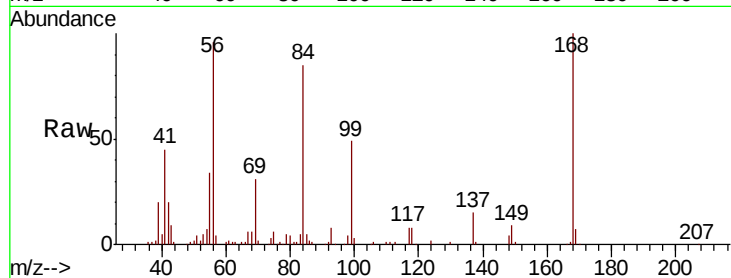
Tot Ion: 56 Resp: 193073

Ion Ratio Lower Upper

56 100

69 32.7 27.4 41.2

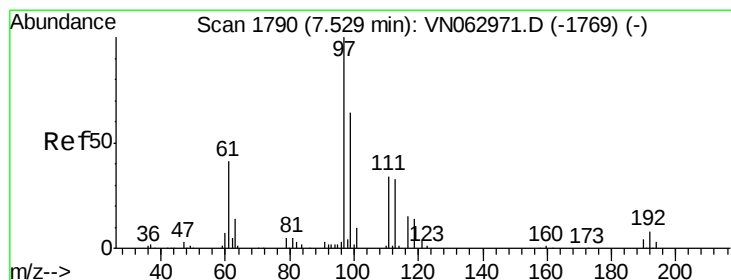
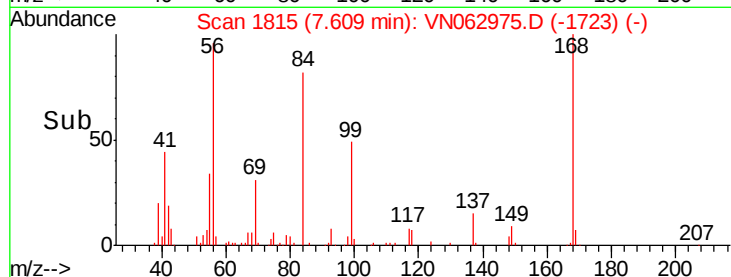
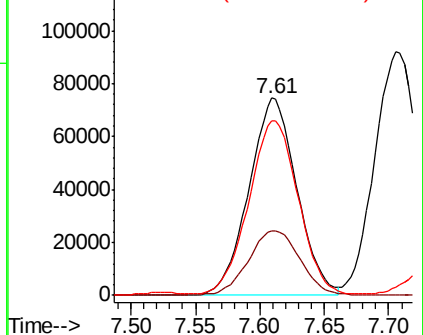
84 87.4 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN062975.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062975.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062975.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 46.278 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

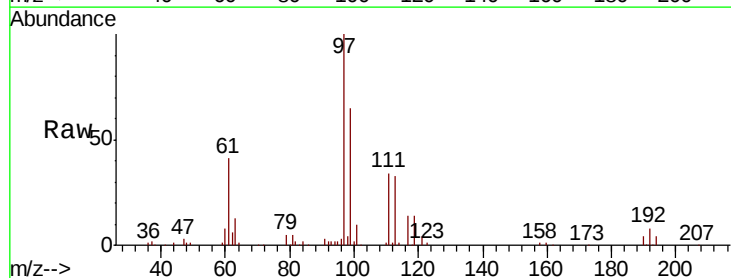
Tgt Ion: 97 Resp: 172657

Ion Ratio Lower Upper

97 100

99 64.7 52.2 78.4

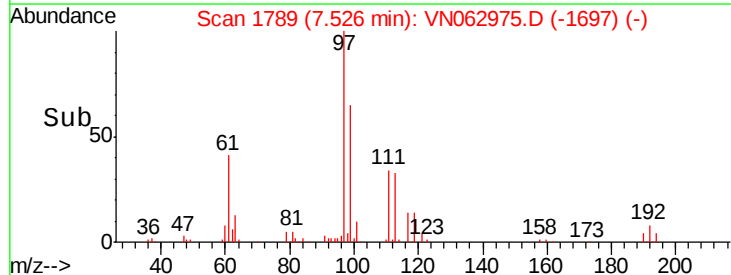
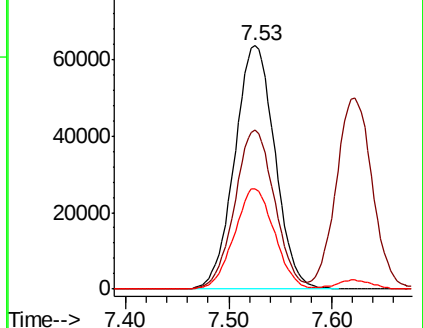
61 41.1 33.5 50.3

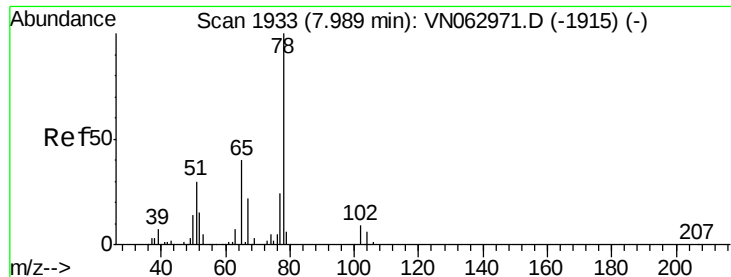


Abundance Ion 96.90 (96.60 to 97.60): VN062975.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062975.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062975.D (-1697) (-)

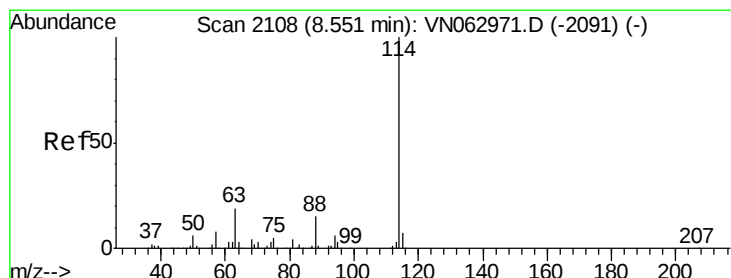
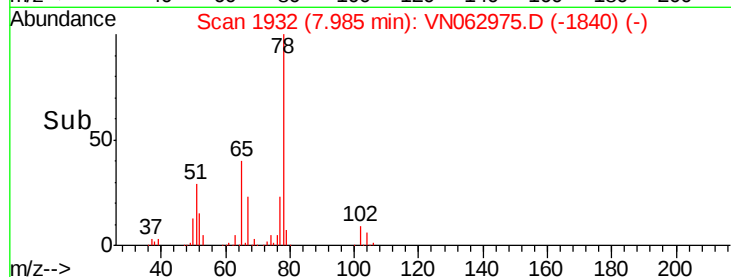
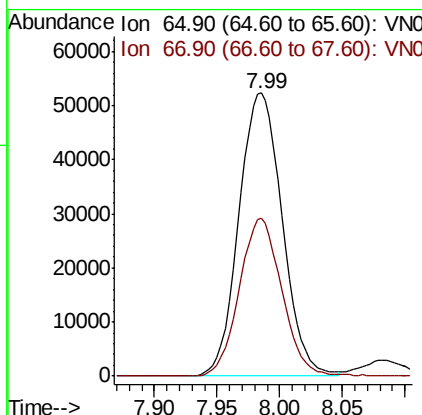
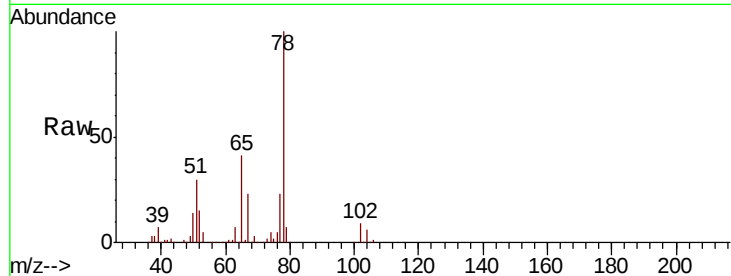




#33
 1,2-Dichloroethane-d4
 Concen: 46.119 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

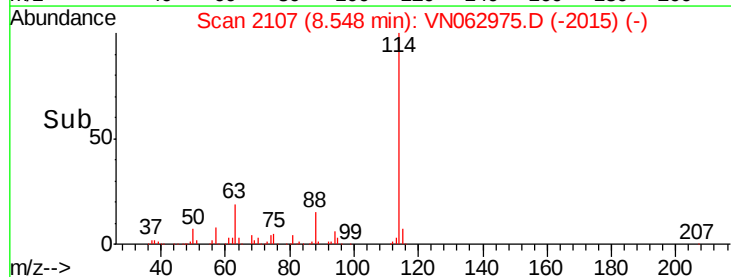
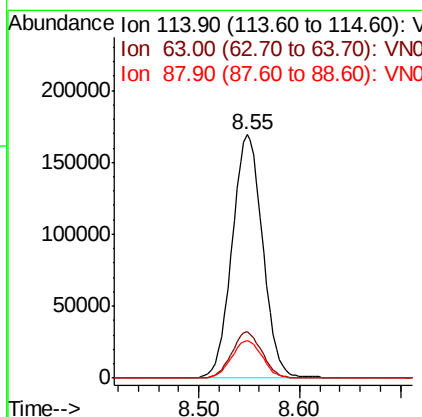
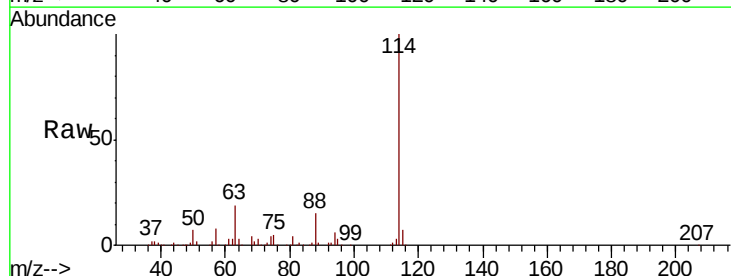
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081720

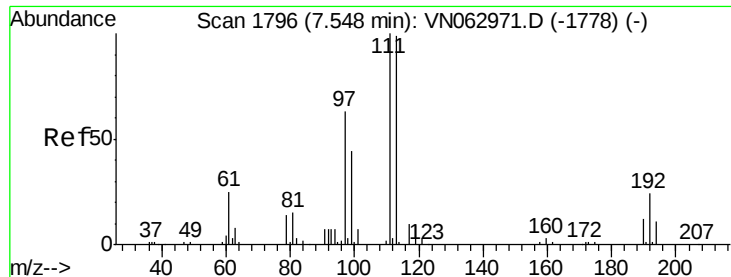
Tot Ion: 65 Resp: 125670
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Tgt Ion: 114 Resp: 356209
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.6
 88 15.2 0.0 31.0

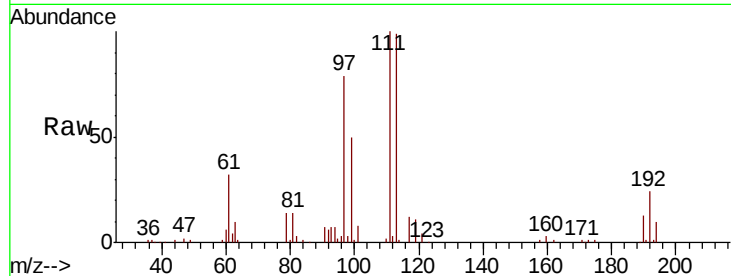




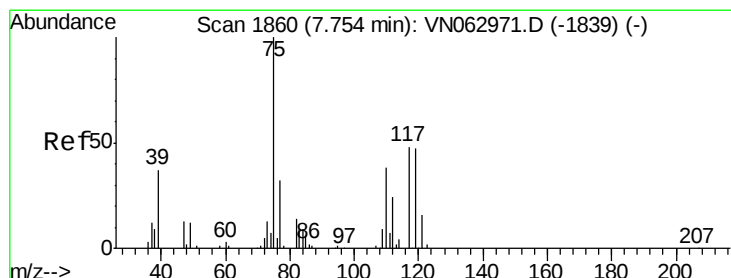
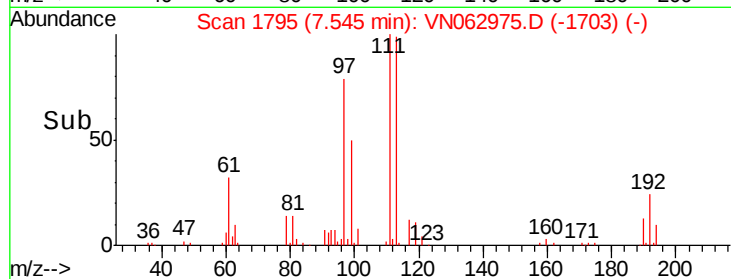
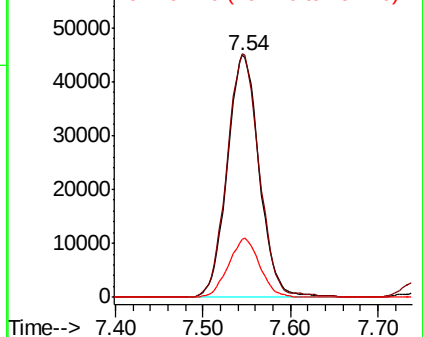
#35
 Dibromofluoromethane
 Concen: 49.011 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081720

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	23.9	19.2	28.8

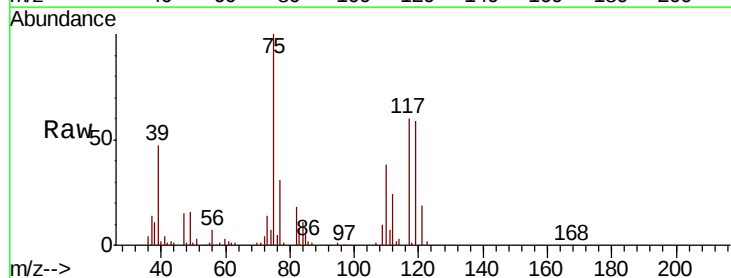


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

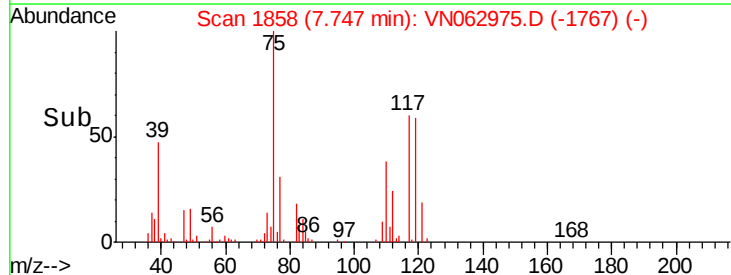
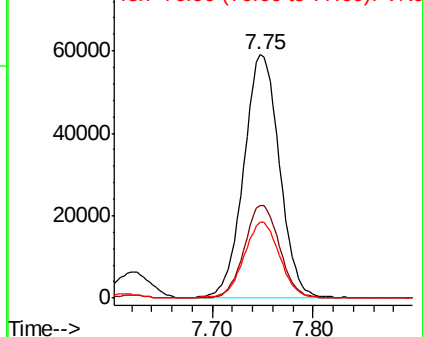


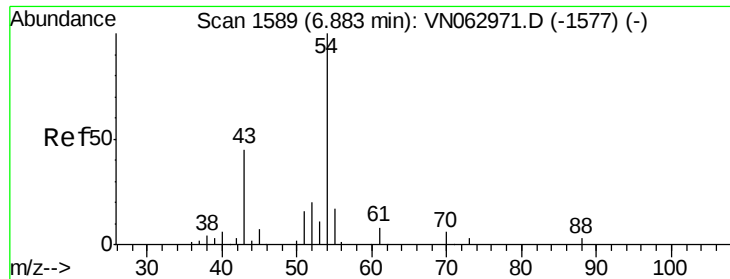
#36
 1,1-Dichloropropene
 Concen: 47.108 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.9	18.7	56.1
77	31.5	25.6	38.4



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

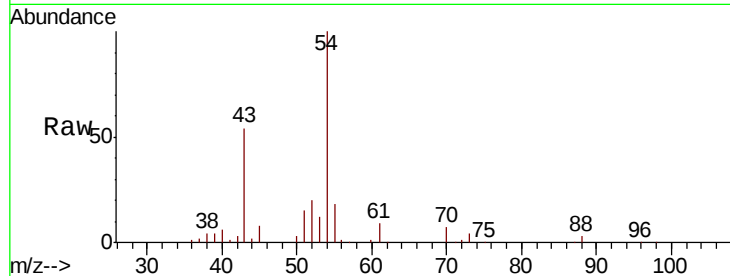




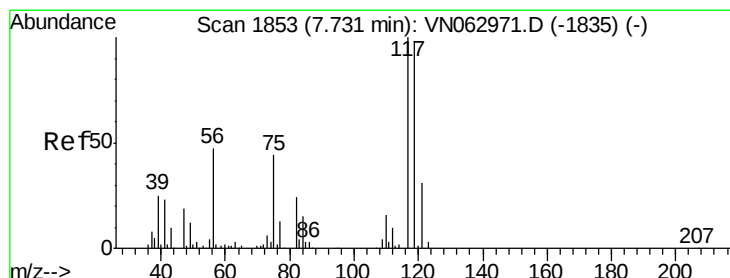
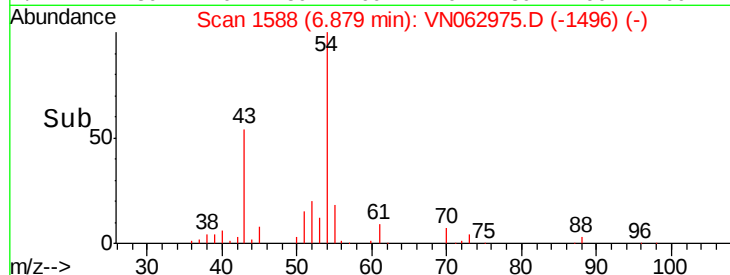
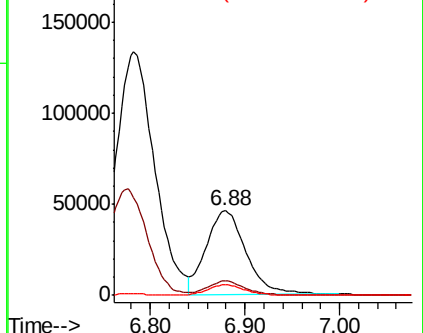
#37
Ethyl Acetate
Concen: 48.330 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081720

Tot Ion: 43 Resp: 134912
Ion Ratio Lower Upper
43 100
61 15.6 12.4 18.6
70 11.9 9.9 14.9

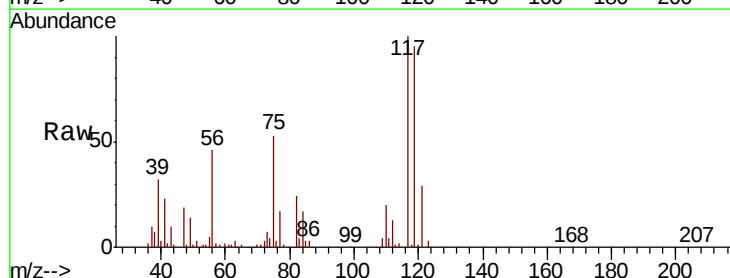


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

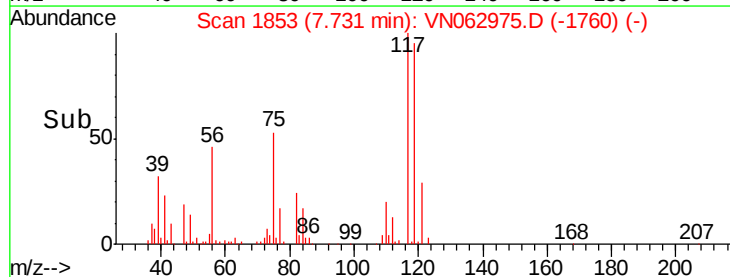
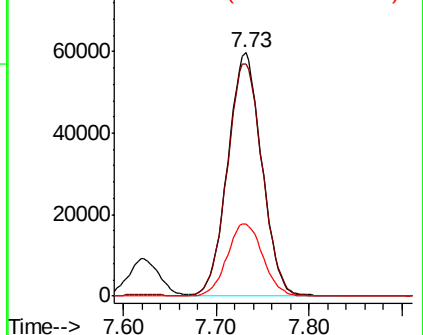


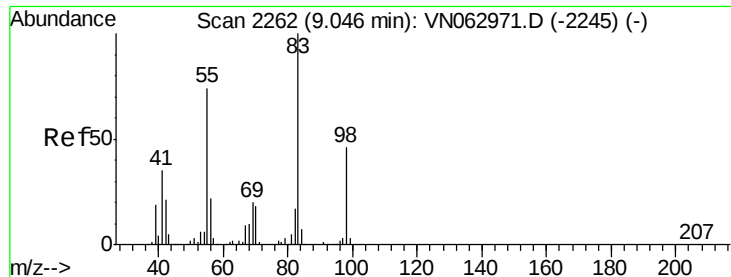
#38
Carbon Tetrachloride
Concen: 47.221 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Tgt Ion: 117 Resp: 152444
Ion Ratio Lower Upper
117 100
119 95.2 77.9 116.9
121 29.5 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

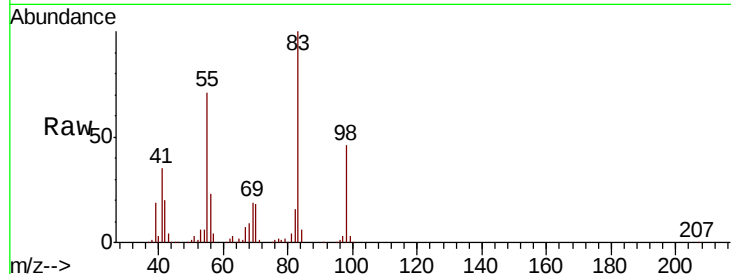




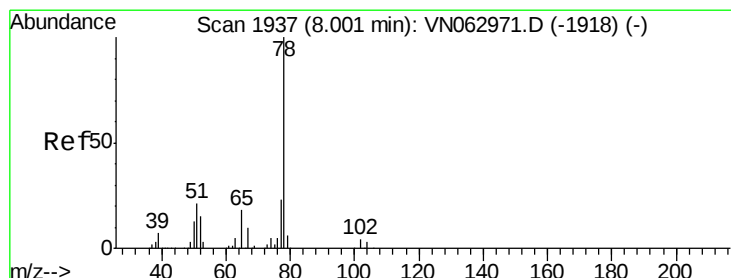
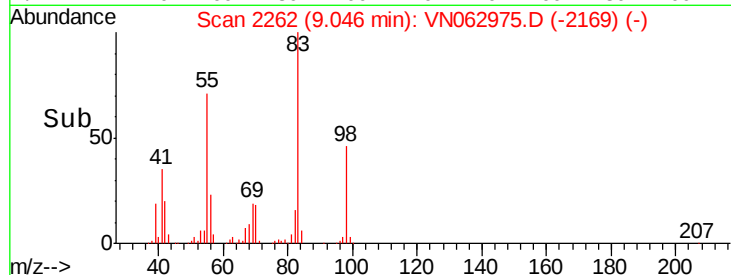
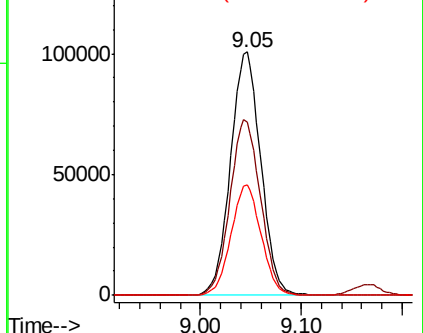
#39
Methvlcvclohexane
Concen: 51.841 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Instrument :
MSVOA_N
ClientSampleId :
ICVFN081720

Tot Ion: 83 Resp: 210221
Ion Ratio Lower Upper
83 100
55 71.2 59.0 88.6
98 45.6 36.8 55.2

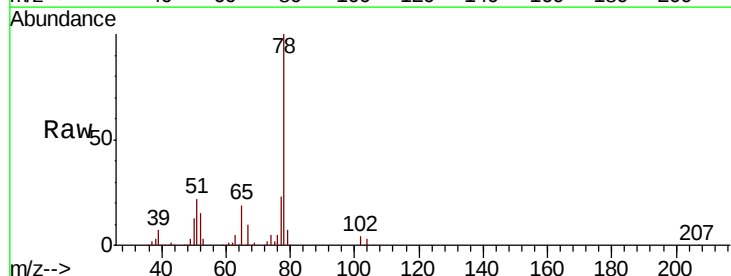


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

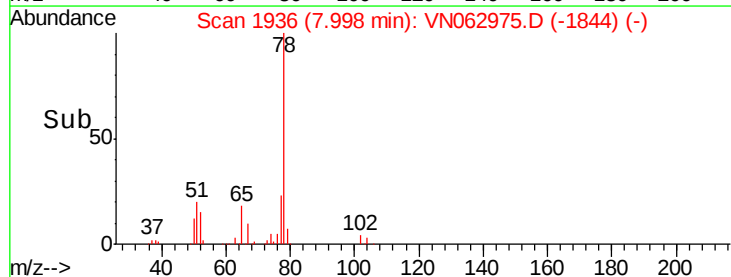
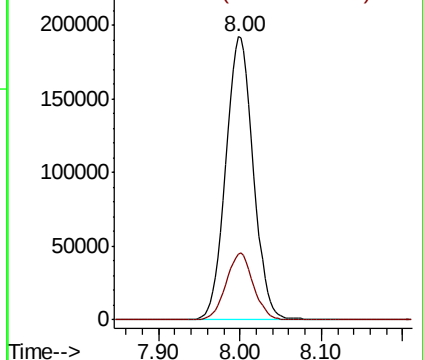


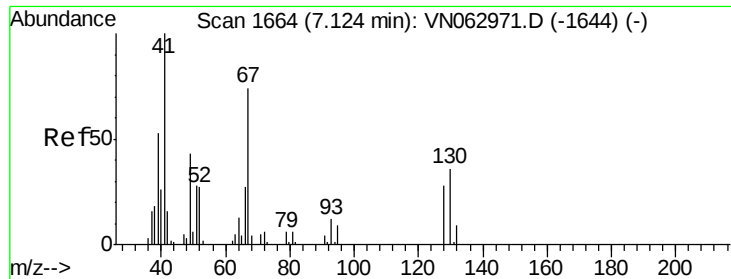
#40
Benzene
Concen: 47.323 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Tgt Ion: 78 Resp: 457390
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8



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

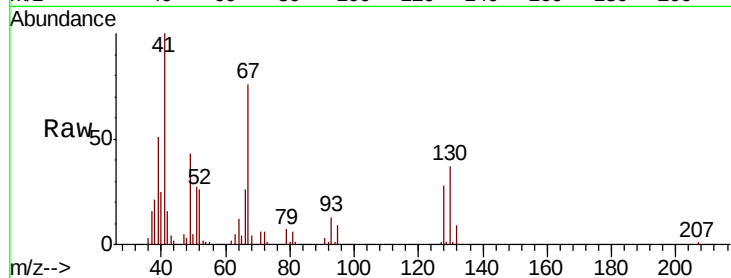




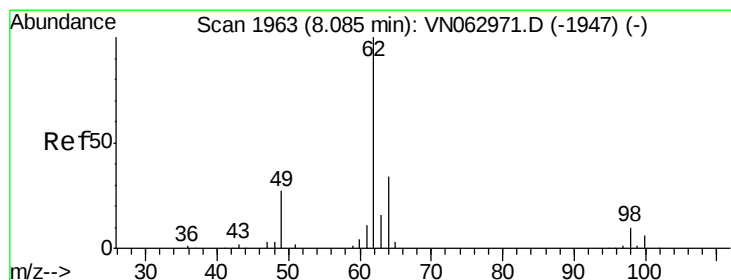
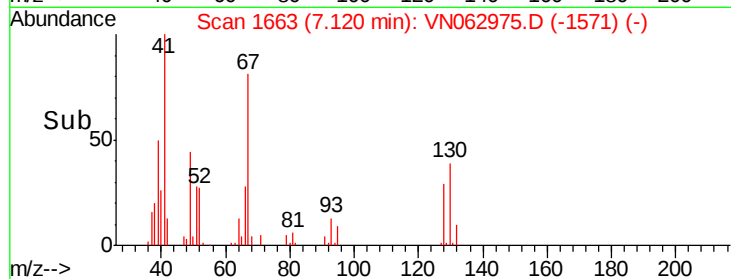
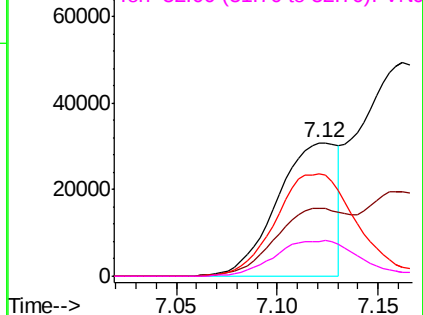
#41
Methacrylonitrile
Concen: 46.746 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN081720

Tot Ion:	41	Resp:	63995
Ion	Ratio	Lower	Upper
41	100		
39	60.4	58.6	88.0
67	103.9	90.1	135.1
52	37.6	34.7	52.1

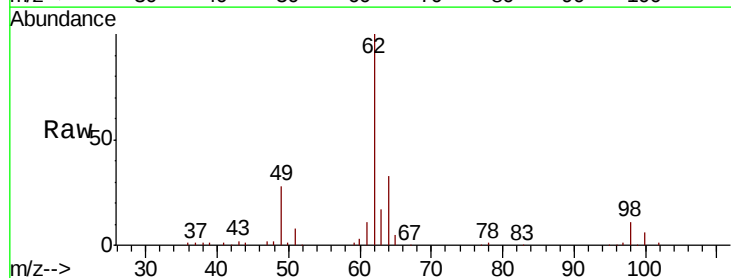


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

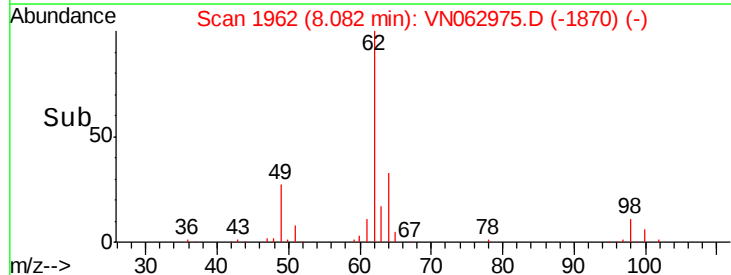
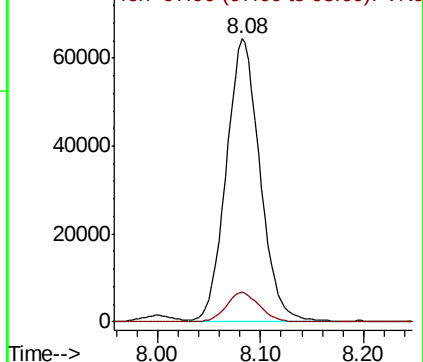


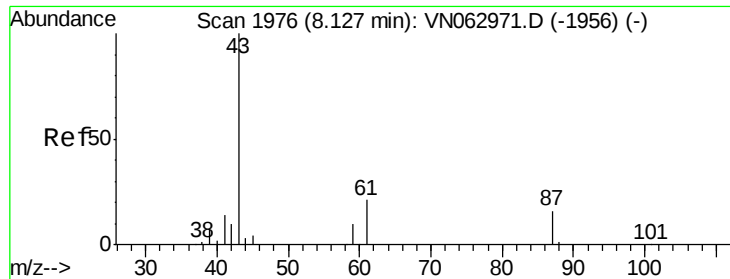
#42
1,2-Dichloroethane
Concen: 46.016 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Tgt Ion:	62	Resp:	145987
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 49.723 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081720

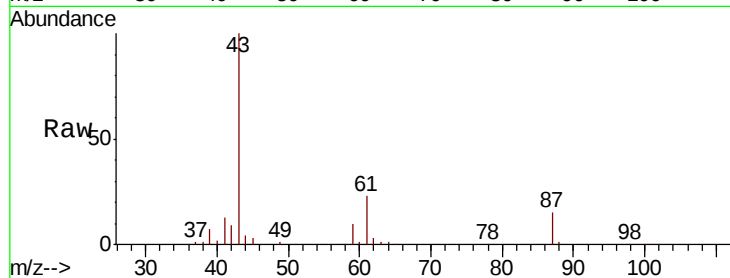
Tot Ion: 43 Resp: 220527

Ion Ratio Lower Upper

43 100

61 29.9 24.6 36.8

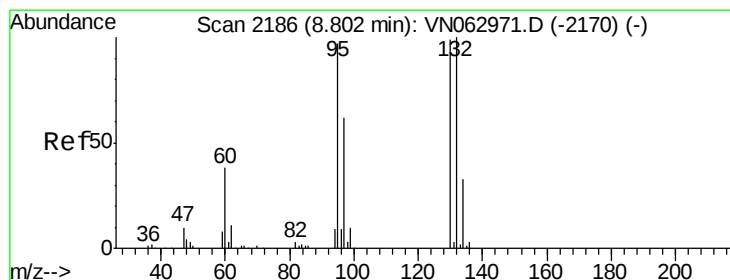
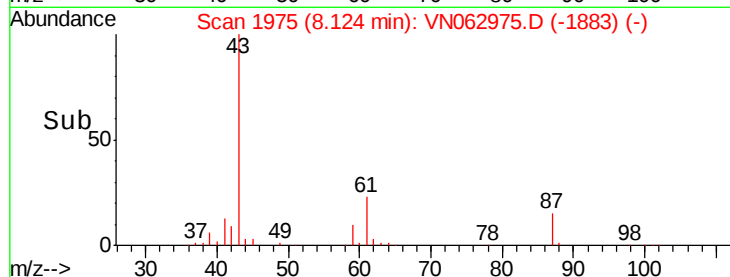
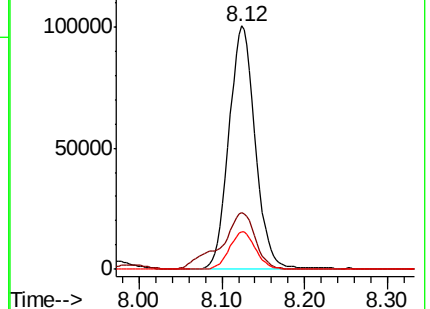
87 15.5 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VN062975.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN062975.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN062975.D (-1956) (-)



#44

Trichloroethene

Concen: 47.473 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062975.D

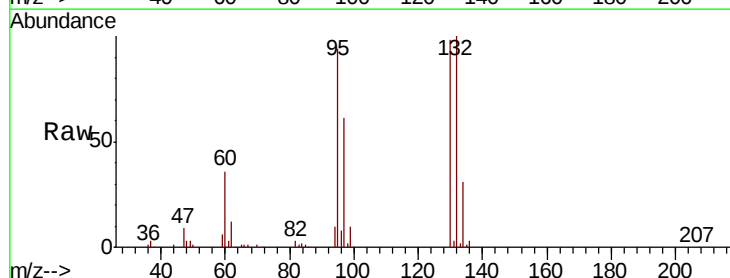
Acq: 17 Aug 2020 17:50

Tgt Ion:130 Resp: 123708

Ion Ratio Lower Upper

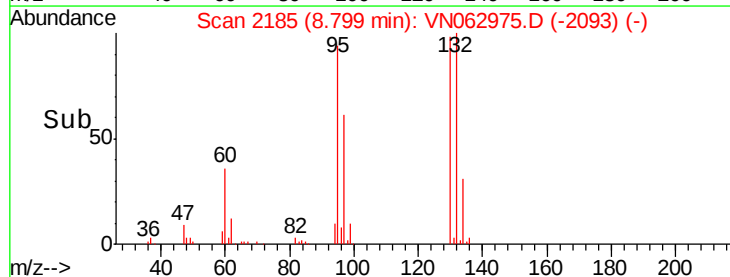
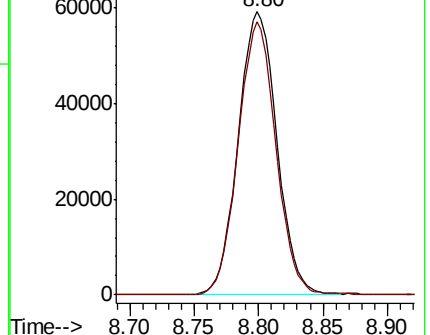
130 100

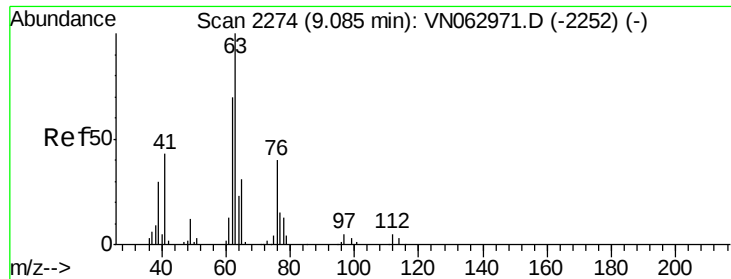
95 96.5 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): VN062975.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062975.D (-2093) (-)





#45

1,2-Dichloropropane

Concen: 46.014 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

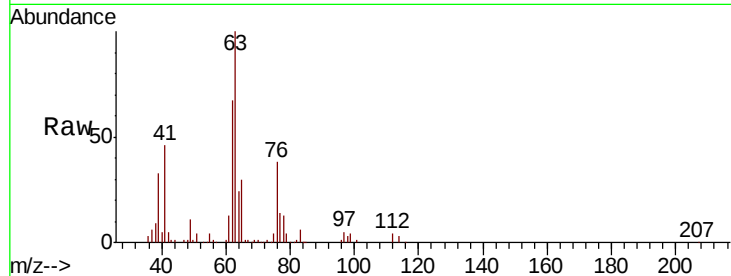
ICVVN081720

Tot Ion: 63 Resp: 123916

Ion Ratio Lower Upper

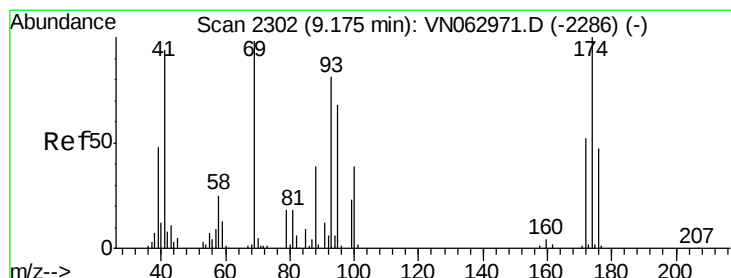
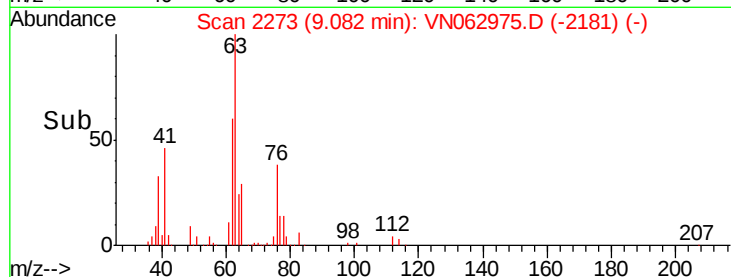
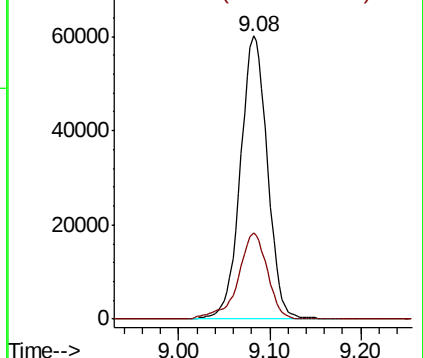
63 100

65 30.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 46.975 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

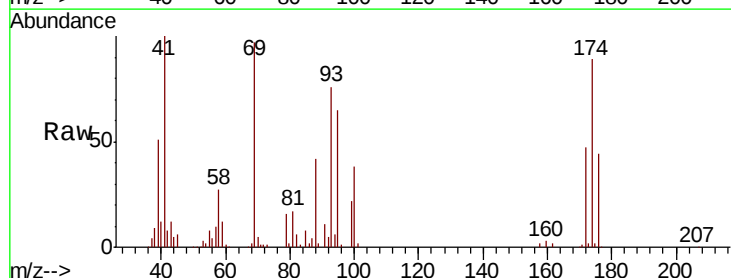
Tgt Ion: 93 Resp: 78761

Ion Ratio Lower Upper

93 100

95 84.1 66.6 99.8

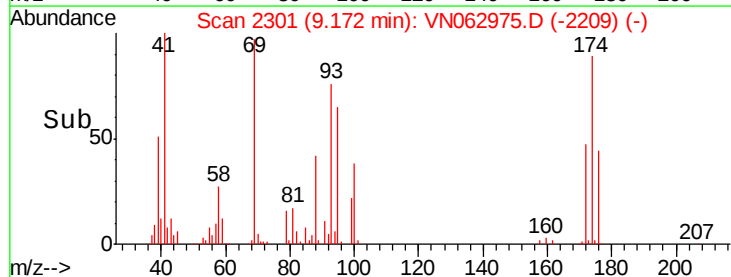
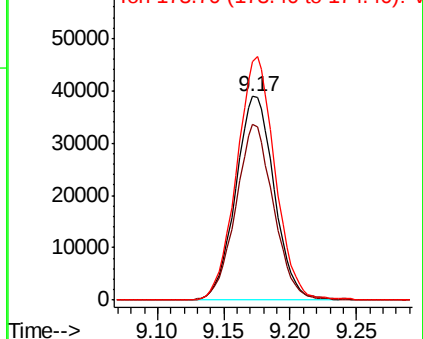
174 118.5 96.6 145.0

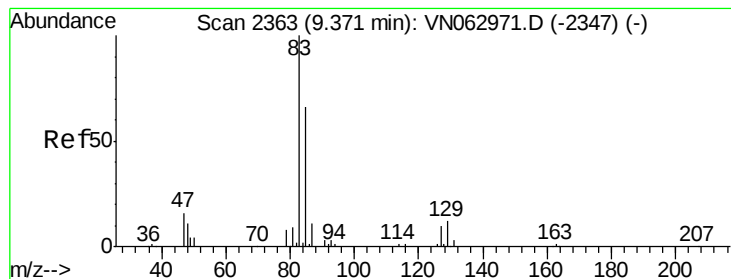


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.662 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081720

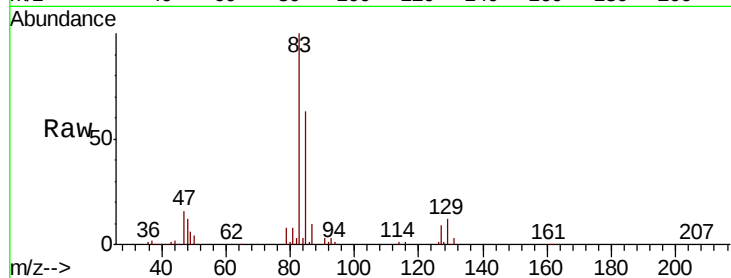
Tot Ion: 83 Resp: 165487

Ion Ratio Lower Upper

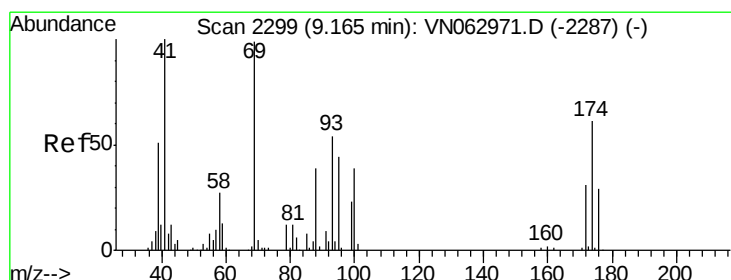
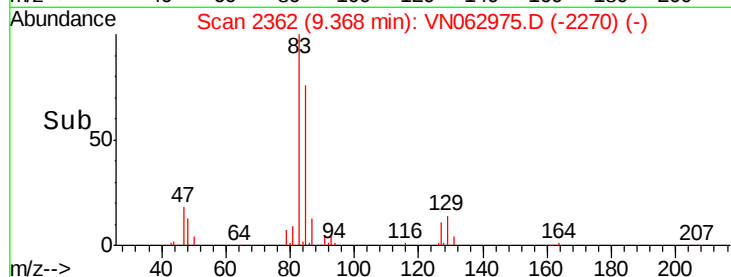
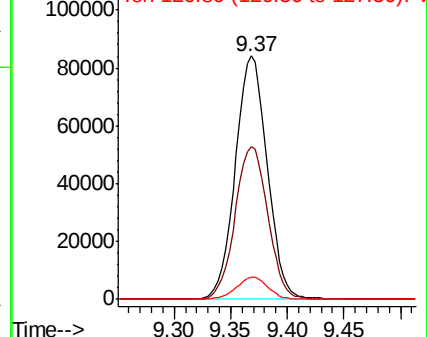
83 100

85 62.7 52.4 78.6

127 8.8 7.8 11.6



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): V



#48

Methyl methacrylate

Concen: 50.407 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

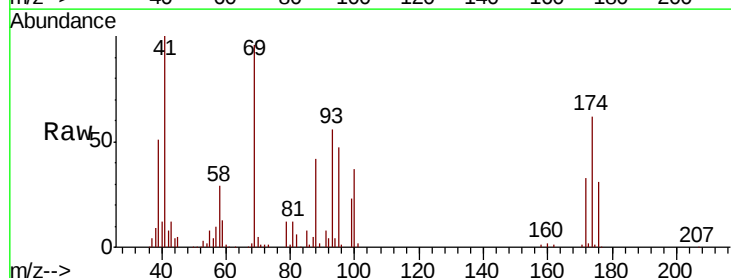
Tgt Ion: 41 Resp: 109354

Ion Ratio Lower Upper

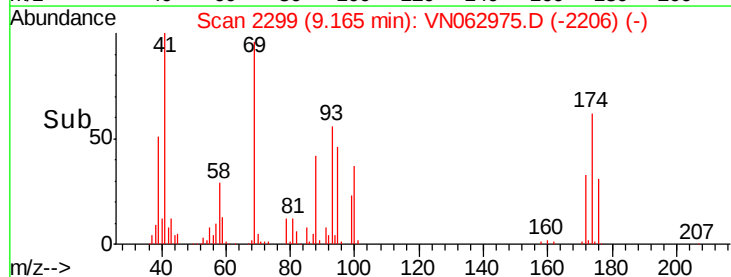
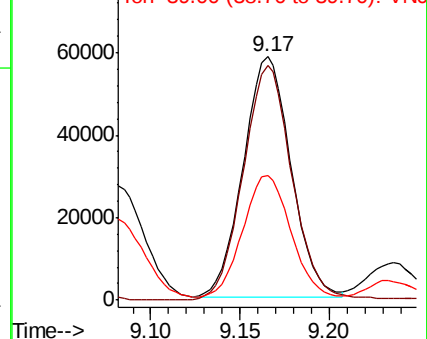
41 100

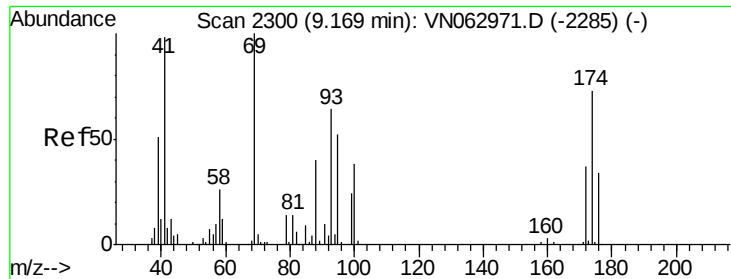
69 100.6 81.1 121.7

39 50.8 42.4 63.6



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: 1111.911 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

ICVFN081720

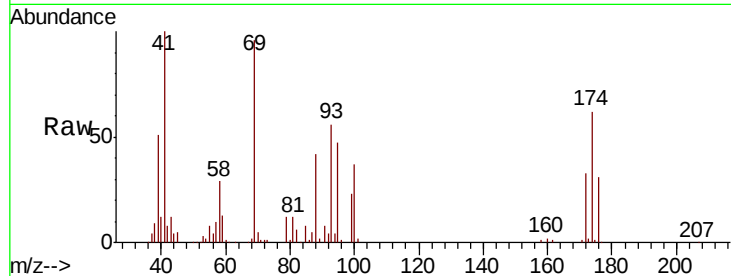
Tot Ion: 88 Resp: 51018

Ion Ratio Lower Upper

88 100

43 27.8 23.1 34.7

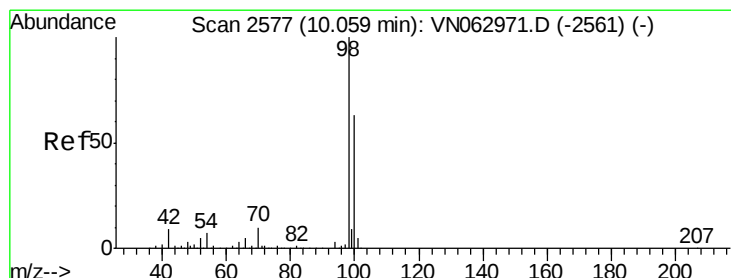
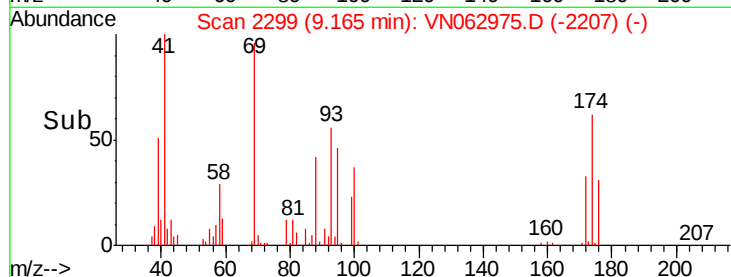
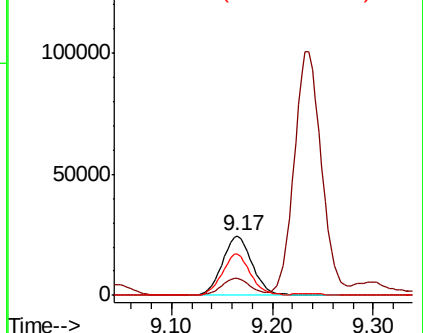
58 66.1 53.1 79.7



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.947 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062975.D

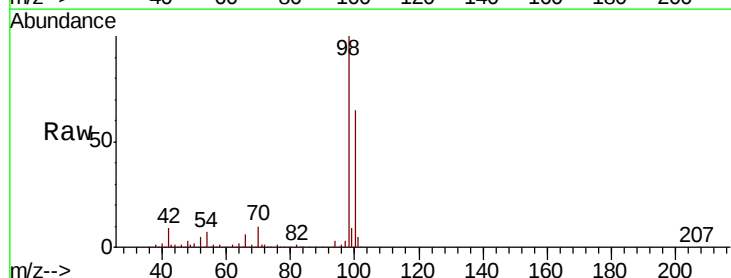
Acq: 17 Aug 2020 17:50

Tgt Ion: 98 Resp: 449731

Ion Ratio Lower Upper

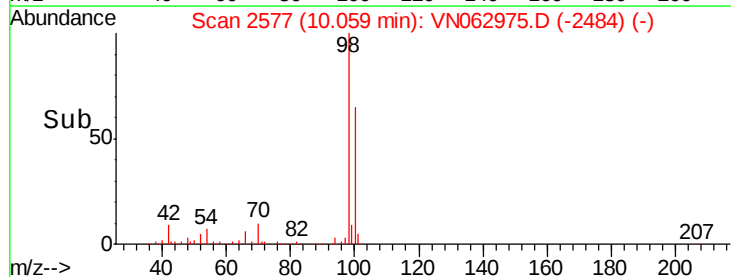
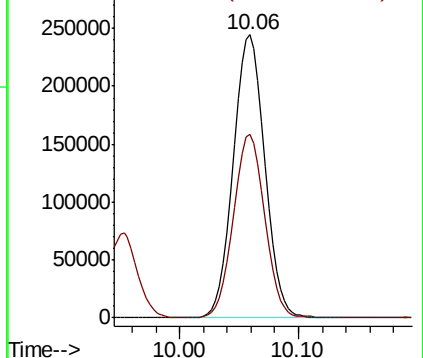
98 100

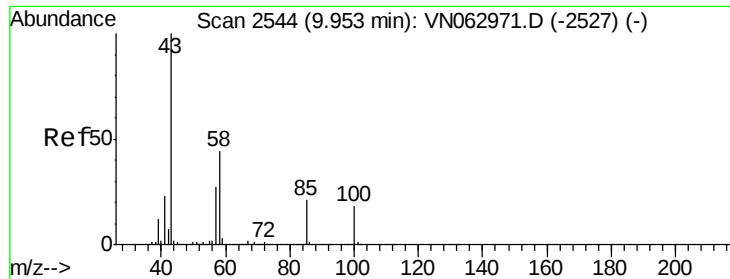
100 64.5 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 255.681 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

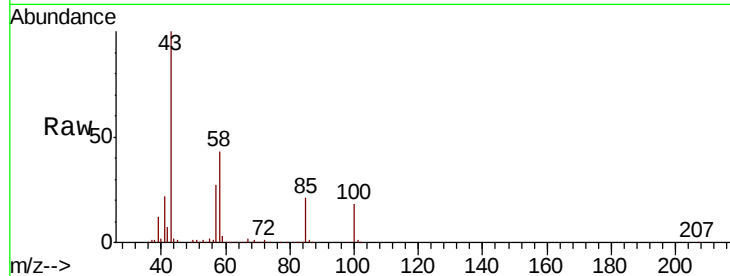
ICVVN081720

Tot Ion: 43 Resp: 758703

Ion Ratio Lower Upper

43 100

58 42.4 34.3 51.5



Abundance Ion 43.00 (42.70 to 43.70): VN062975.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN062975.D (-2527) (-)

9.95

400000

300000

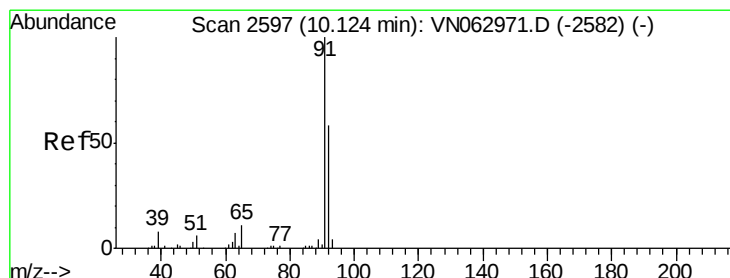
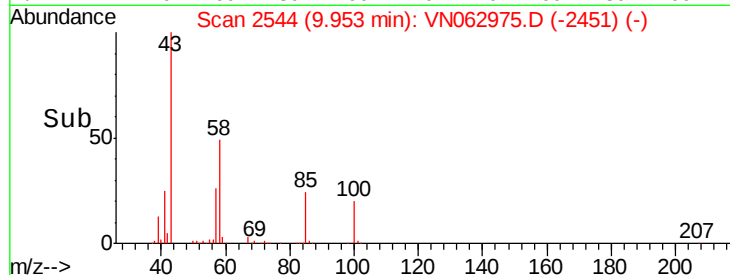
200000

100000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 49.248 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062975.D

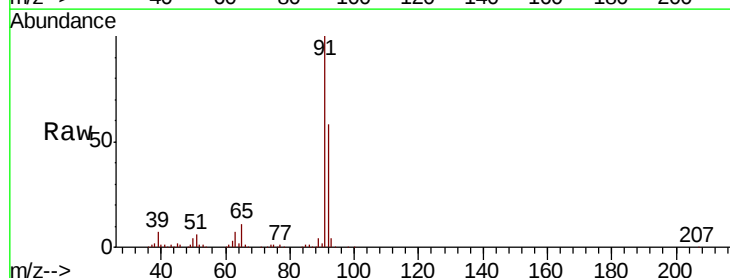
Acq: 17 Aug 2020 17:50

Tgt Ion: 92 Resp: 300711

Ion Ratio Lower Upper

92 100

91 173.6 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VN062975.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VN062975.D (-2504) (-)

10.12

300000

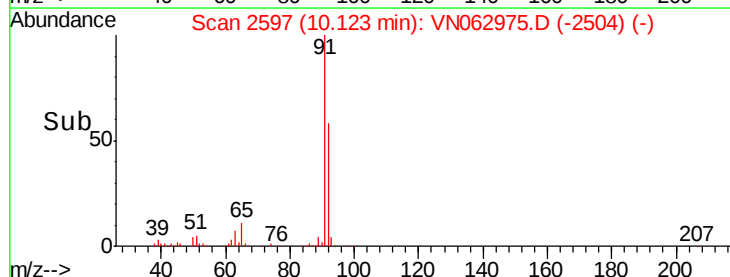
200000

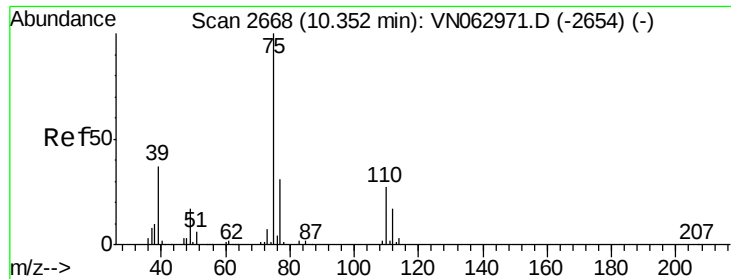
100000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.980 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

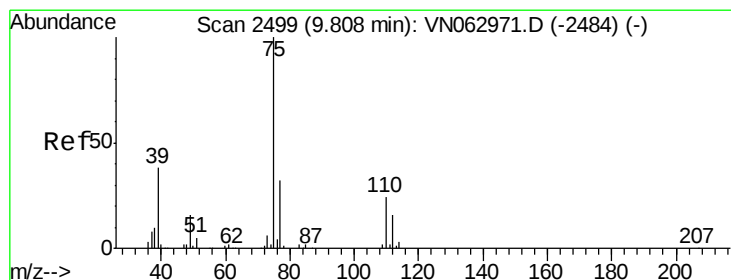
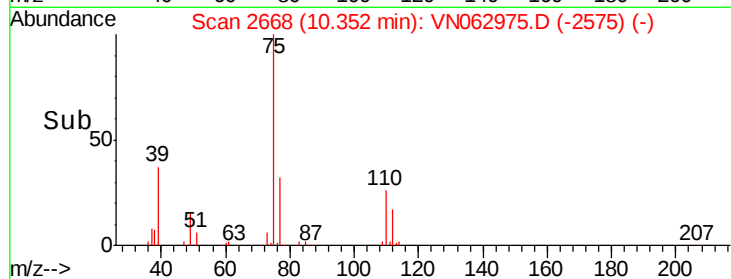
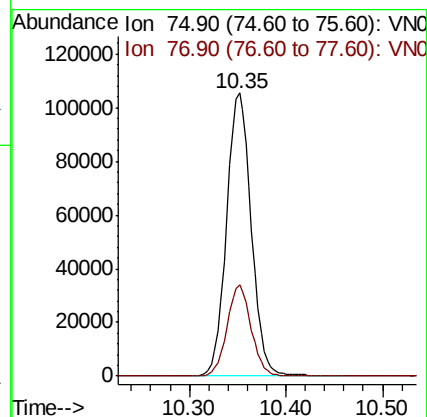
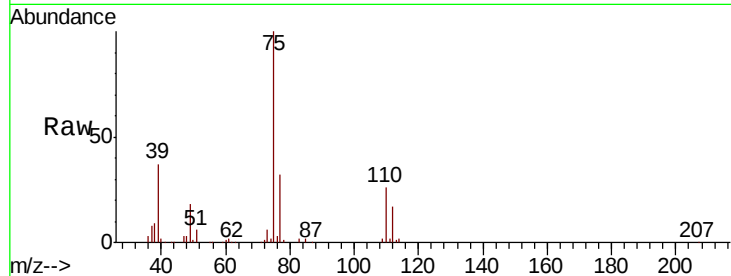
ICVFN081720

Tot Ion: 75 Resp: 187017

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 50.888 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

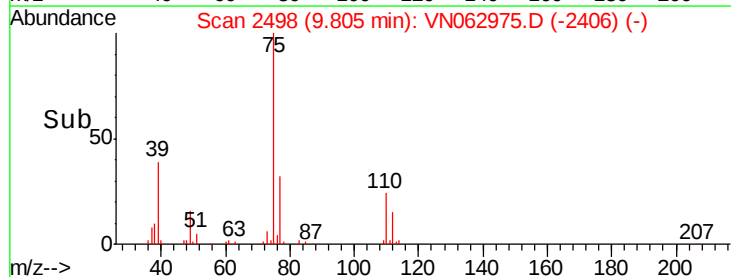
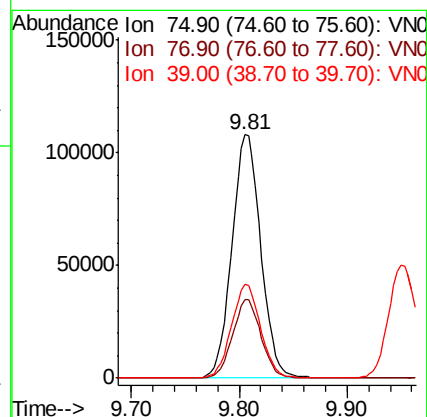
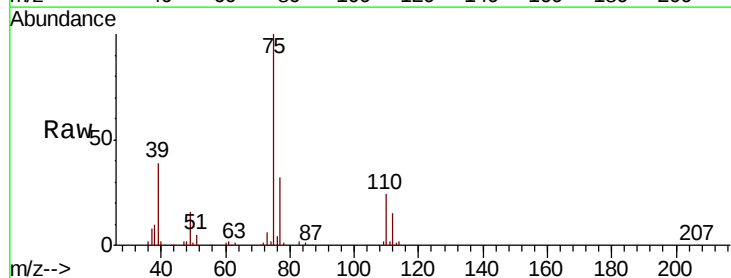
Tgt Ion: 75 Resp: 201503

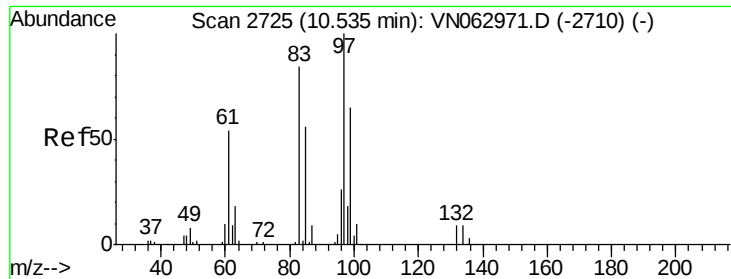
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.2

39 38.5 30.6 46.0

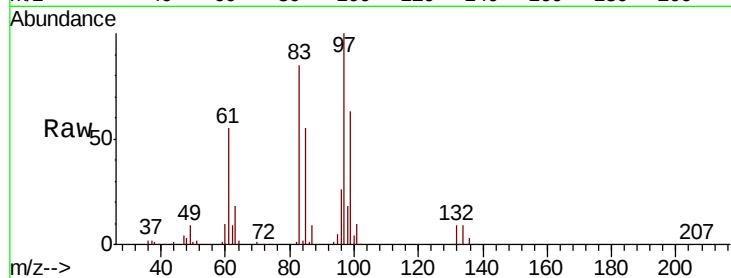




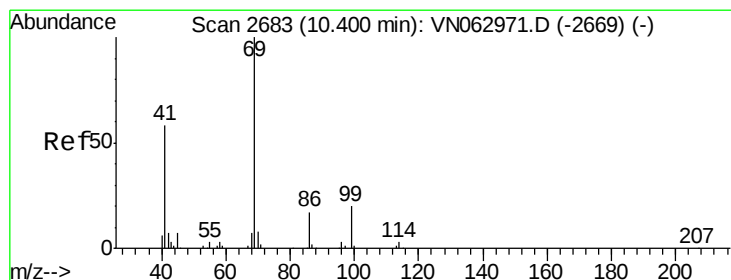
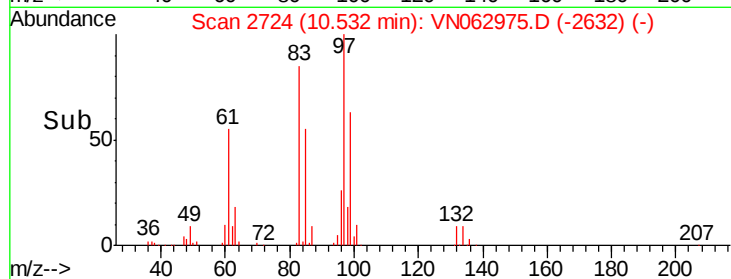
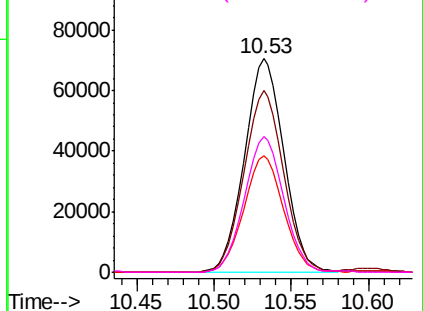
#55
 1,1,2-Trichloroethane
 Concen: 48.392 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN081720

Tot Ion:	97	Resp:	125248
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.0	100.4
85	54.6	44.4	66.6
99	63.4	51.9	77.9

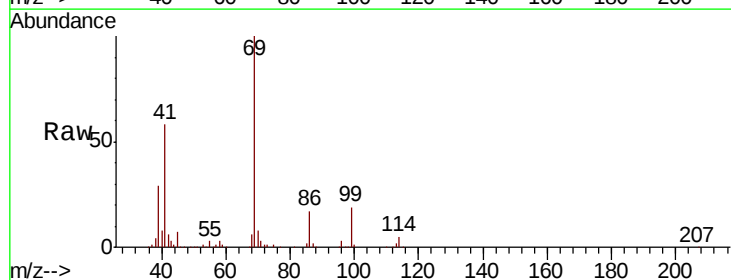


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

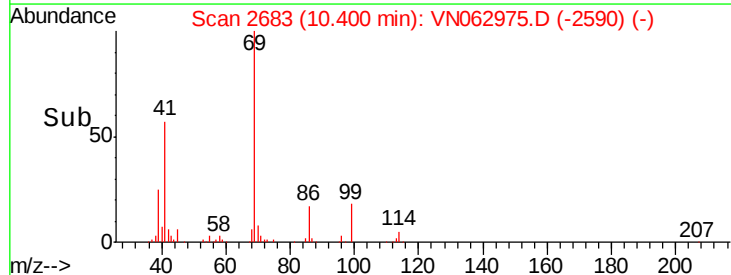
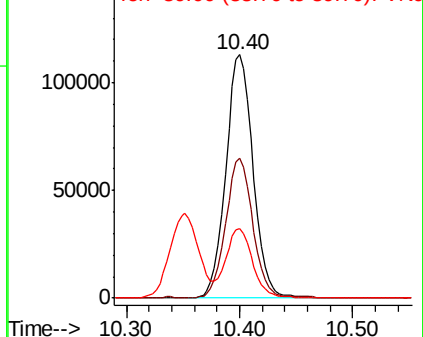


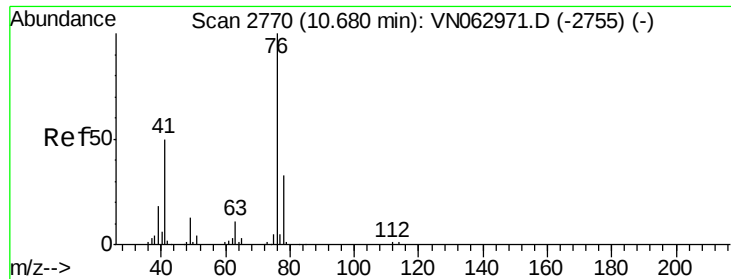
#56
 Ethyl methacrylate
 Concen: 47.386 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Tgt Ion:	69	Resp:	189341
Ion	Ratio	Lower	Upper
69	100		
41	56.9	46.0	69.0
39	27.7	23.4	35.0



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

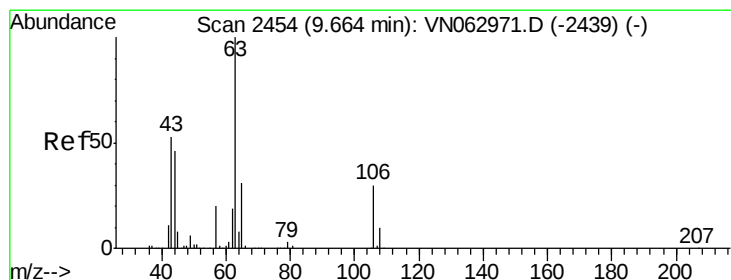
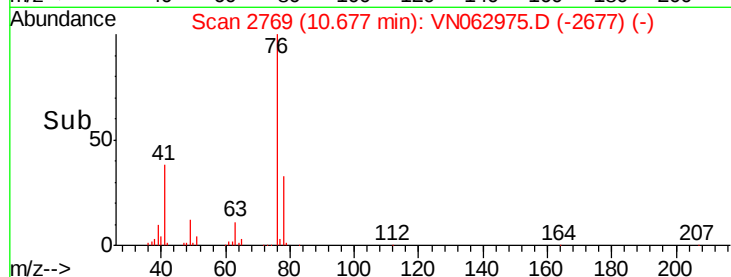
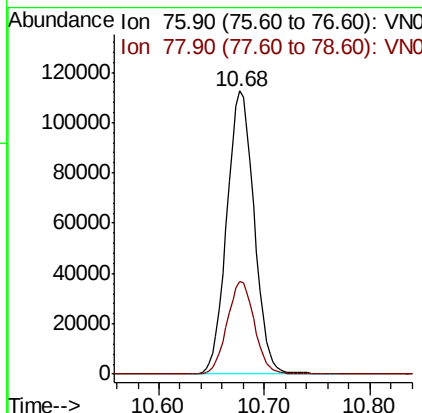
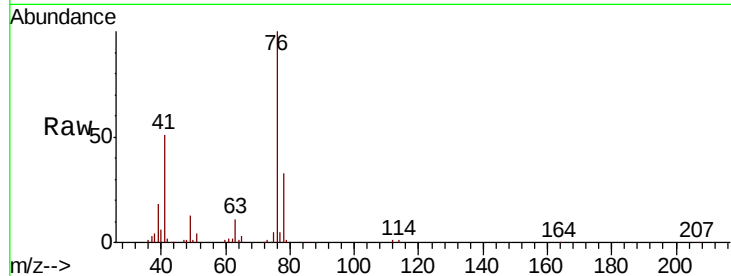




#57
 1,3-Dichloropropane
 Concen: 49.429 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

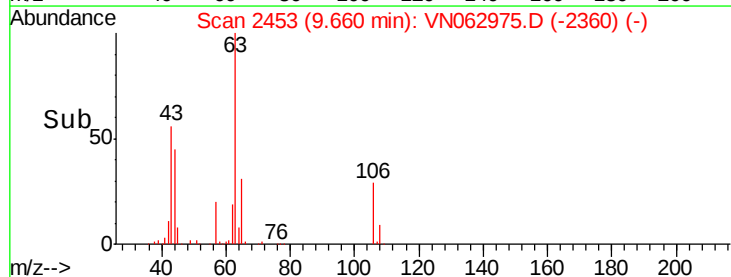
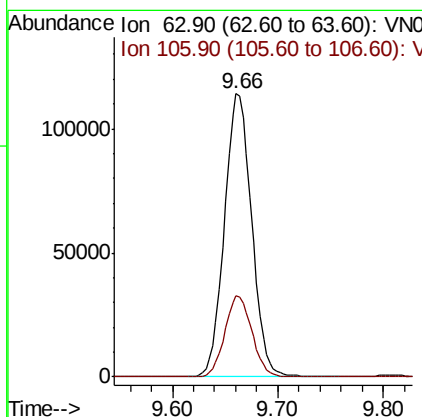
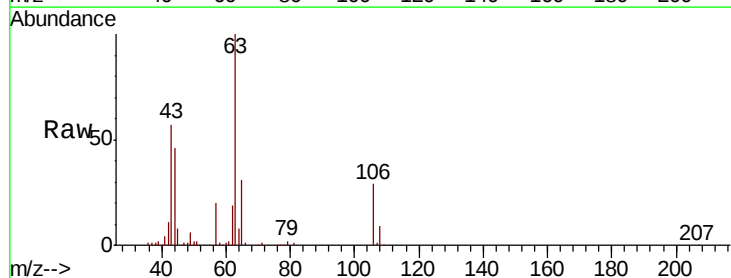
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081720

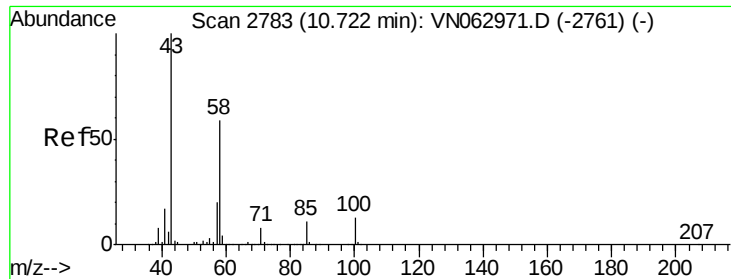
Tot Ion: 76 Resp: 201663
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.855 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Tgt Ion: 63 Resp: 203858
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.4 35.2

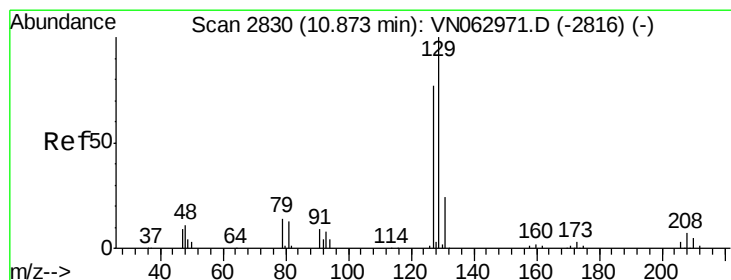
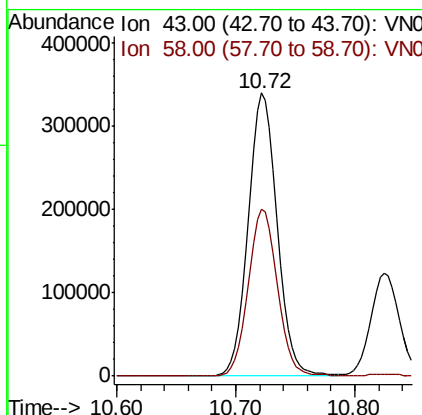
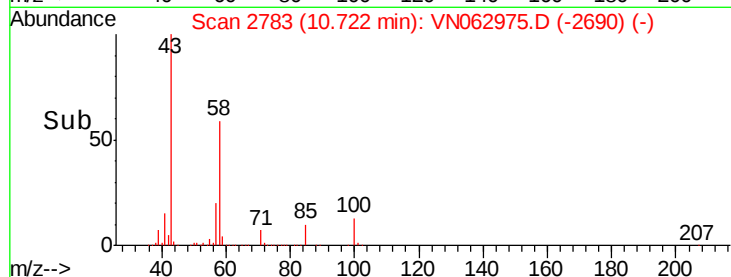
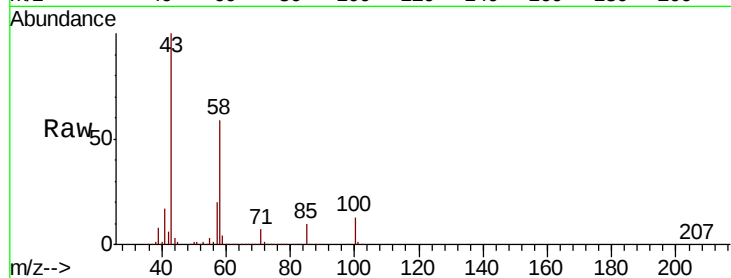




#59
2-Hexanone
Concen: 286.443 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

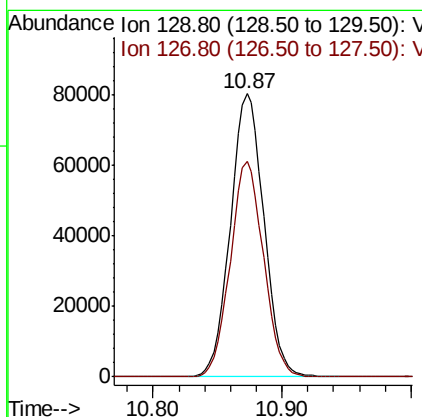
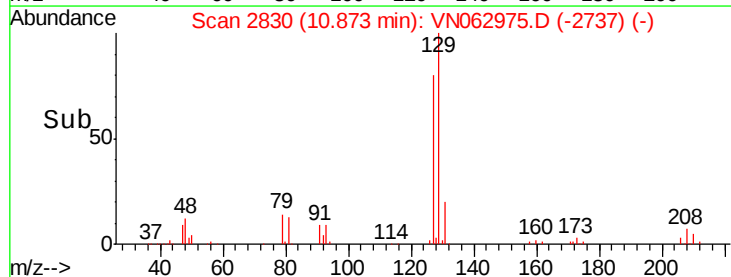
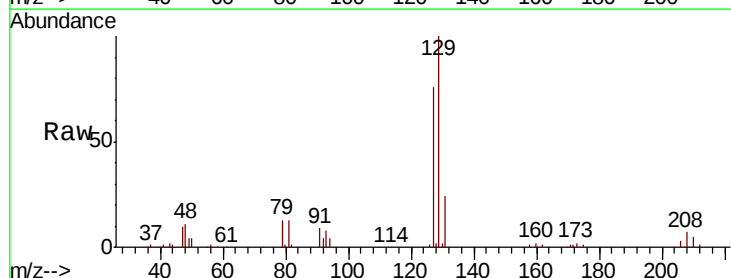
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081720

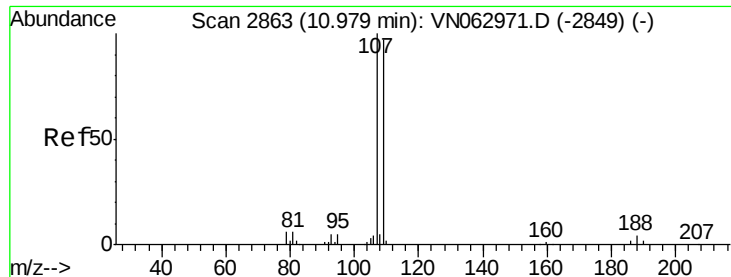
Tot Ion: 43 Resp: 573163
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5



#60
Dibromochloromethane
Concen: 50.232 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Tgt Ion: 129 Resp: 144691
Ion Ratio Lower Upper
129 100
127 75.5 38.4 115.2

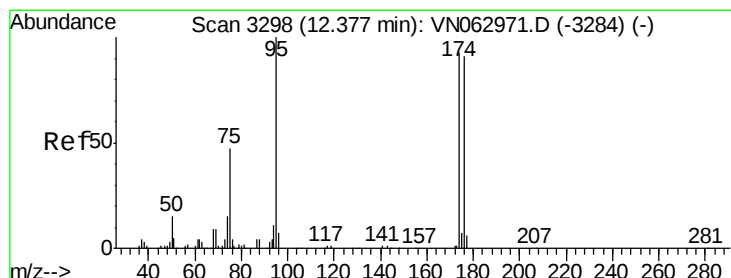
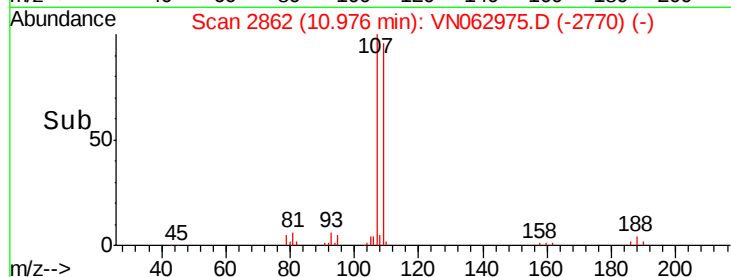
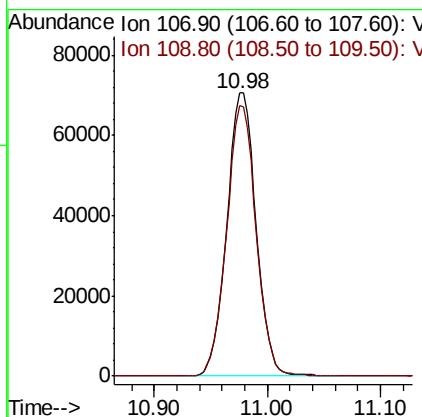
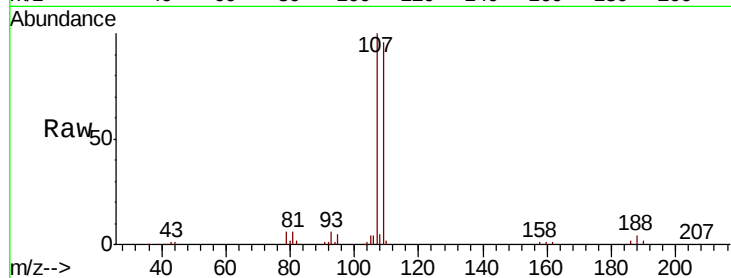




#61
 1,2-Dibromoethane
 Concen: 48.099 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

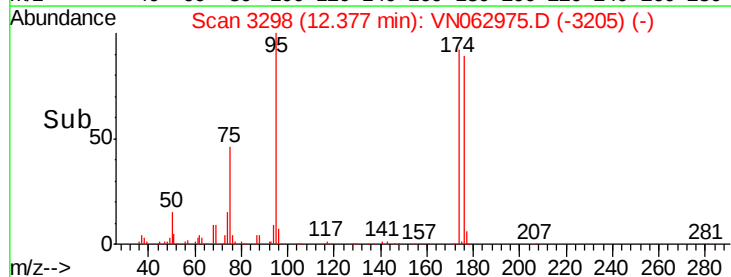
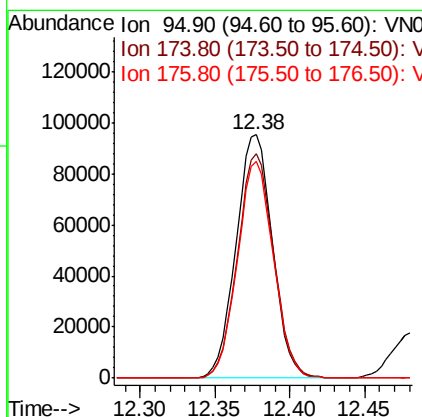
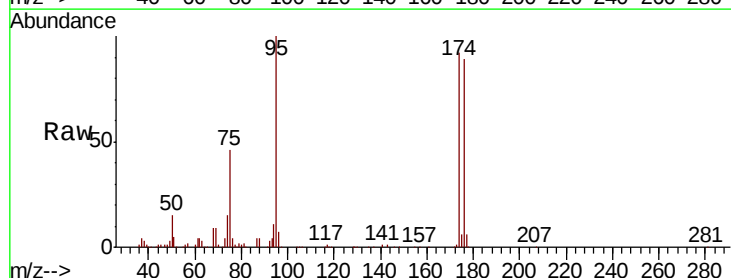
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081720

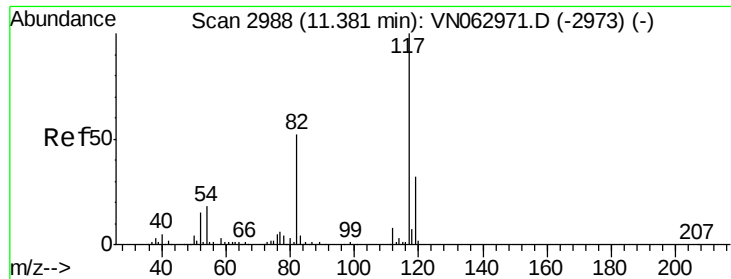
Tot Ion:107 Resp: 127084
 Ion Ratio Lower Upper
 107 100
 109 96.3 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 49.985 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Tgt Ion: 95 Resp: 161726
 Ion Ratio Lower Upper
 95 100
 174 91.6 0.0 185.2
 176 88.0 0.0 178.8

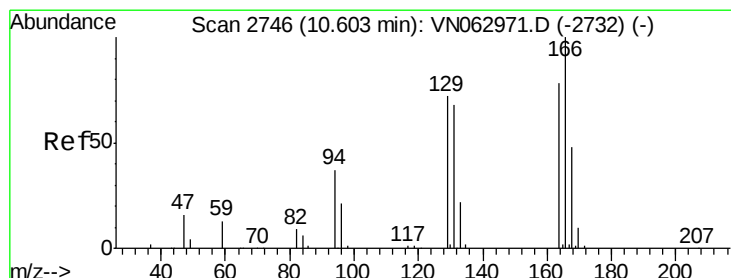
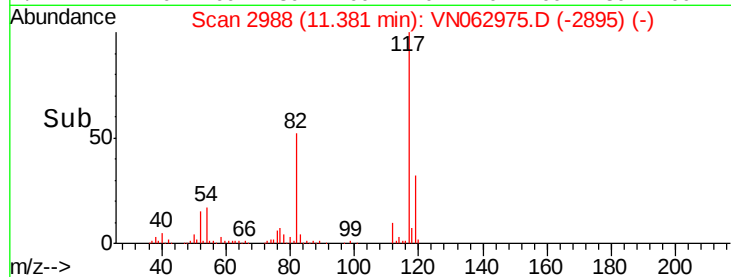
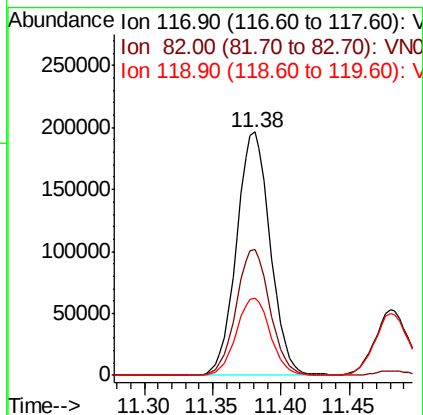
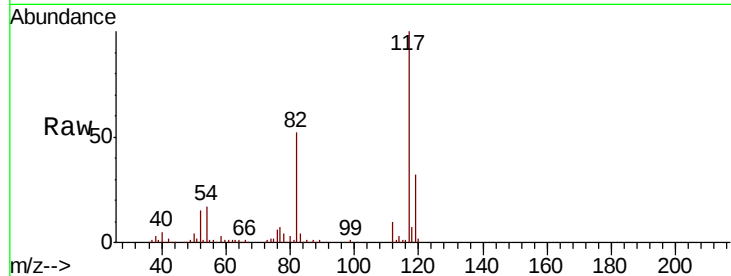




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

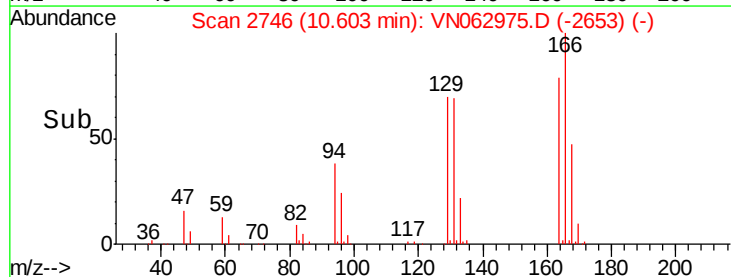
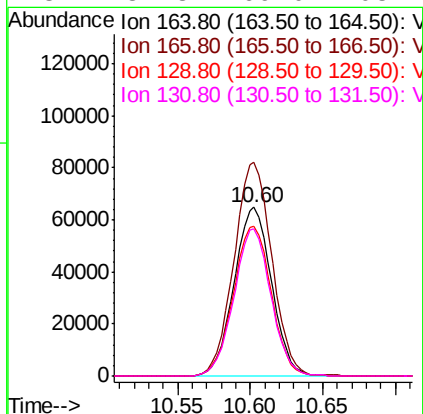
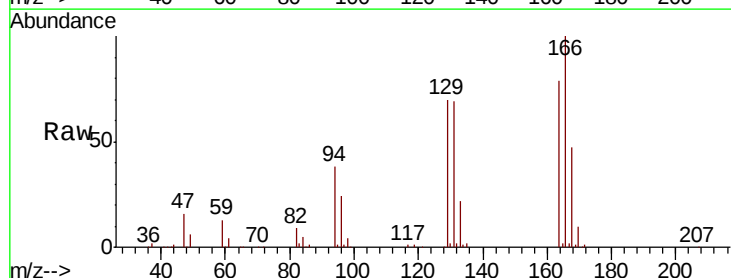
Instrument :
MSVOA_N
ClientSampled :
ICVVN081720

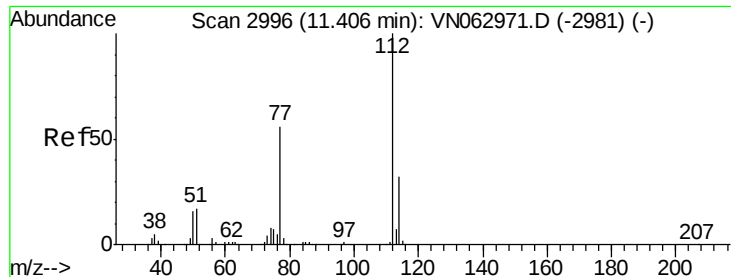
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.3	61.9
119	31.8	25.8	38.8



#64
Tetrachloroethene
Concen: 50.355 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	101.9	152.9
129	88.7	73.1	109.7
131	87.3	69.0	103.4

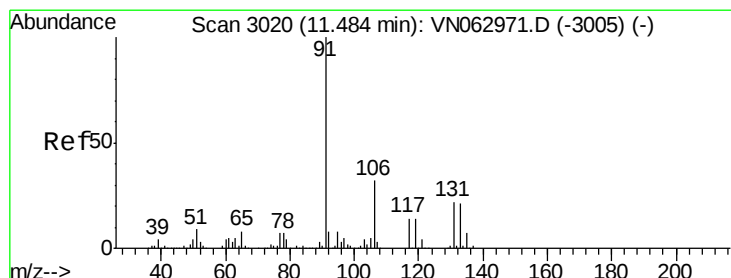
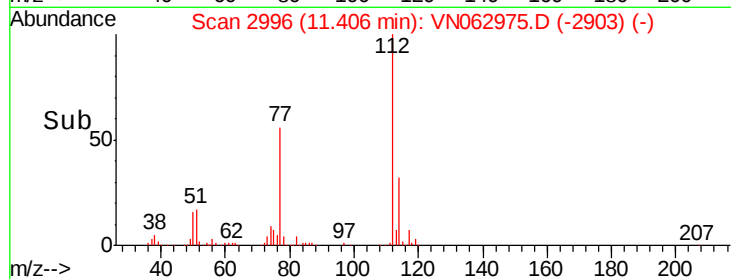
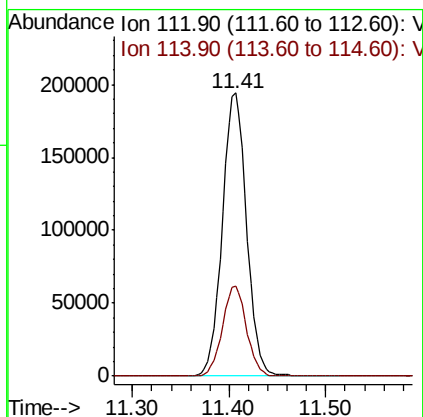
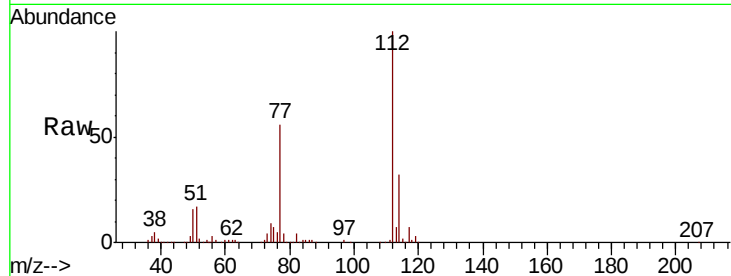




#65
Chlorobenzene
Concen: 48.956 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

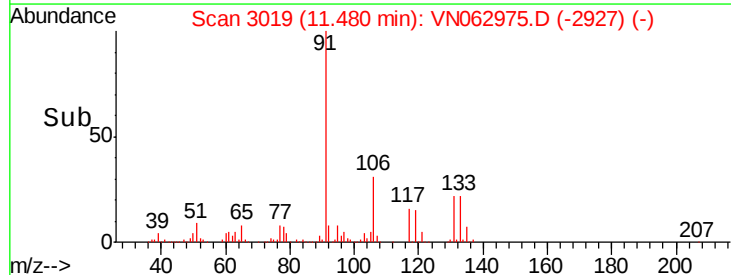
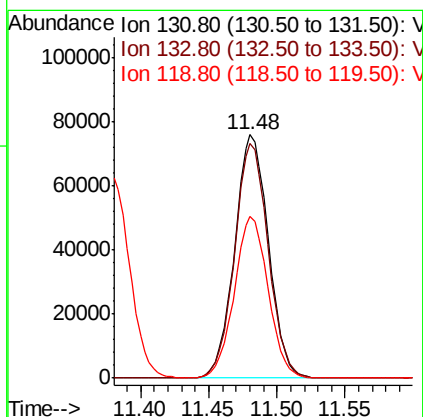
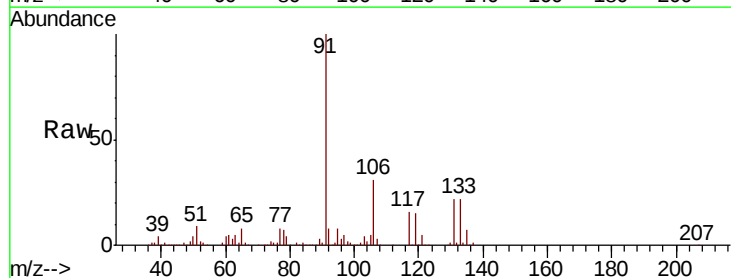
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081720

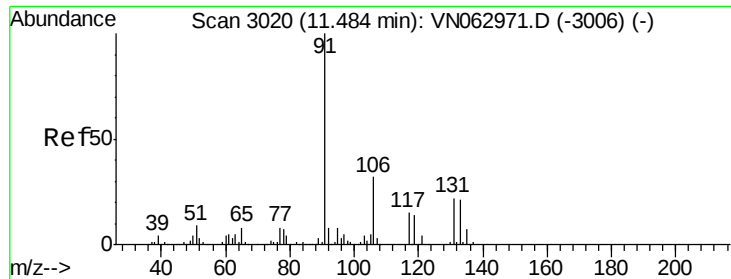
Tot Ion:112 Resp: 337324
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.736 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Tgt Ion:131 Resp: 130426
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.4
119 66.5 32.4 97.0





#67

Ethyl Benzene

Concen: 50.749 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampled :

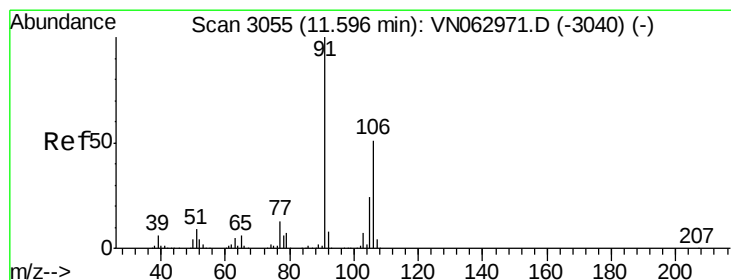
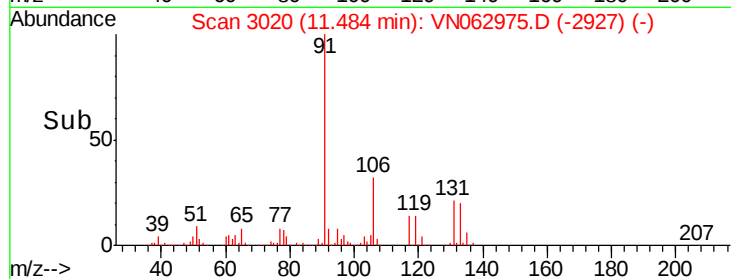
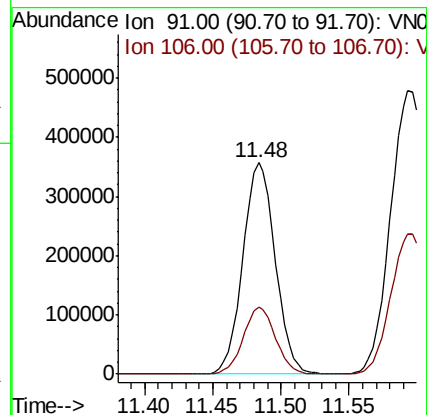
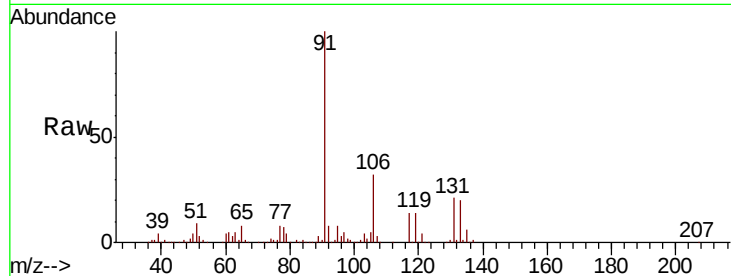
ICV081720

Tot Ion: 91 Resp: 589103

Ion Ratio Lower Upper

91 100

106 31.6 25.9 38.9



#68

m/p-Xylenes

Concen: 104.585 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062975.D

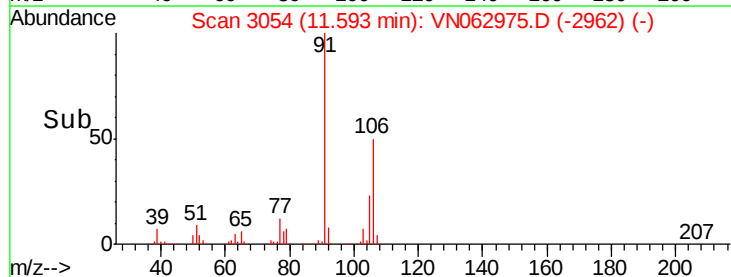
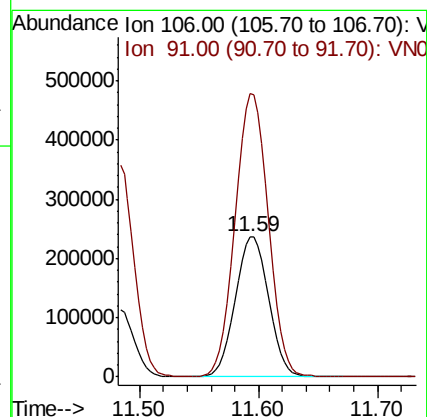
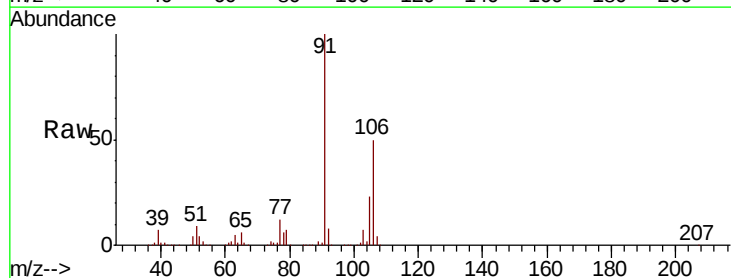
Acq: 17 Aug 2020 17:50

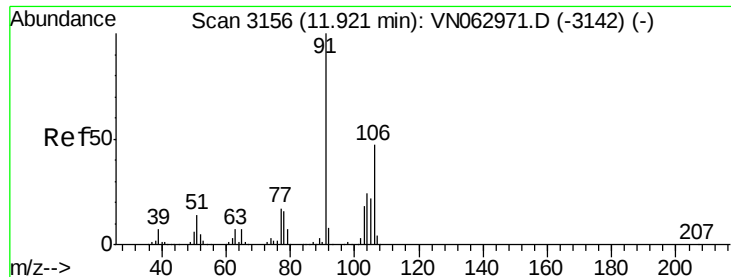
Tgt Ion: 106 Resp: 458443

Ion Ratio Lower Upper

106 100

91 202.1 158.7 238.1

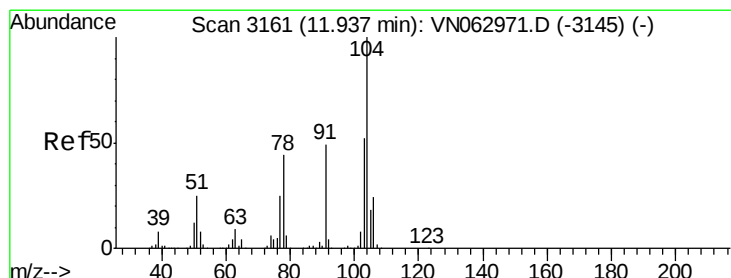
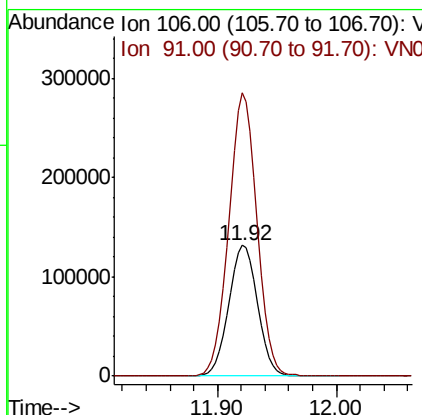
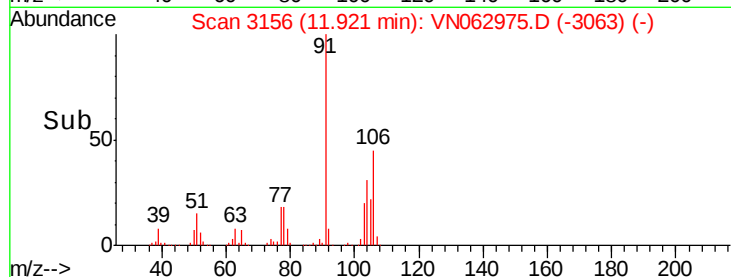
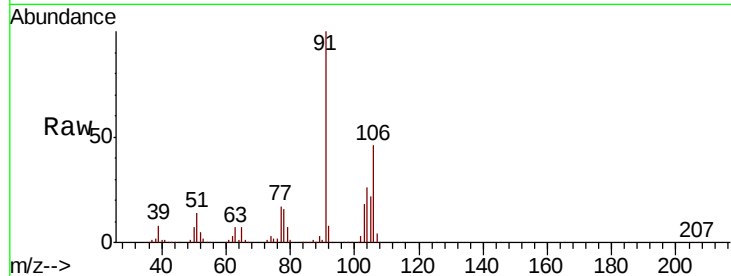




#69
o-Xylene
Concen: 53.025 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

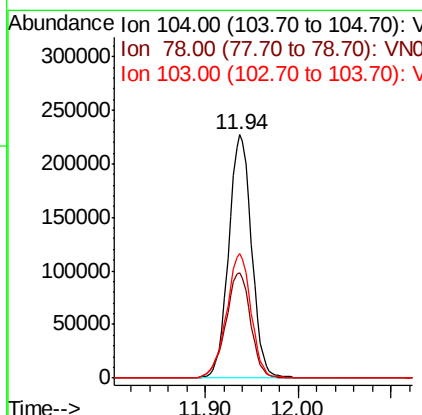
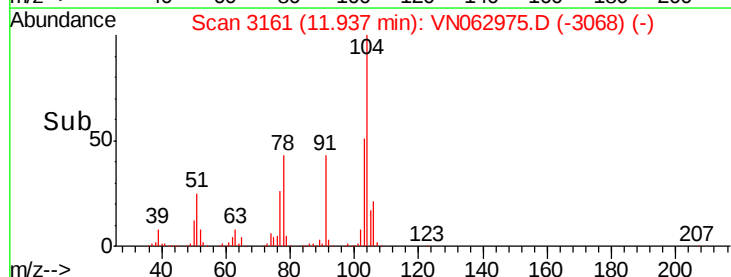
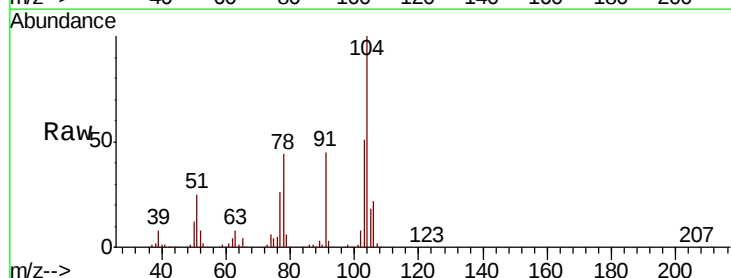
Instrument :
MSVOA_N
ClientSampleId :
ICVFN081720

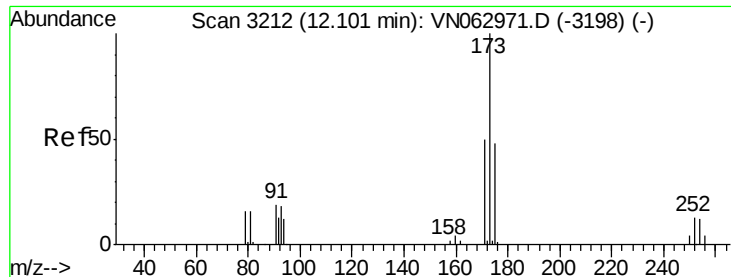
Tot Ion:106 Resp: 220787
Ion Ratio Lower Upper
106 100
91 211.5 106.3 318.8



#70
Styrene
Concen: 53.847 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Tgt Ion:104 Resp: 388877
Ion Ratio Lower Upper
104 100
78 47.1 38.2 57.4
103 55.0 44.9 67.3





#71

Bromoform

Concen: 52.473 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081720

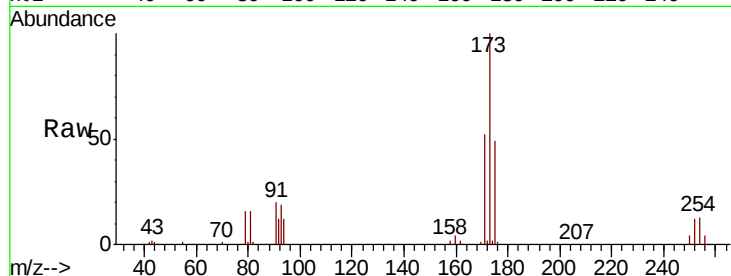
Tot Ion:173 Resp: 117380

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.2

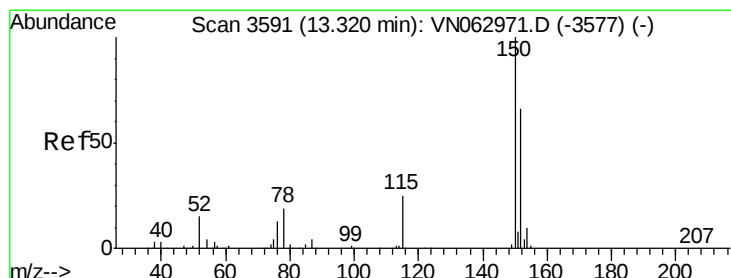
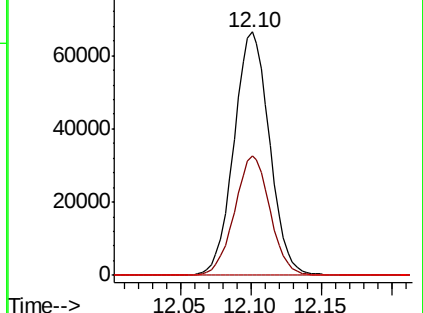
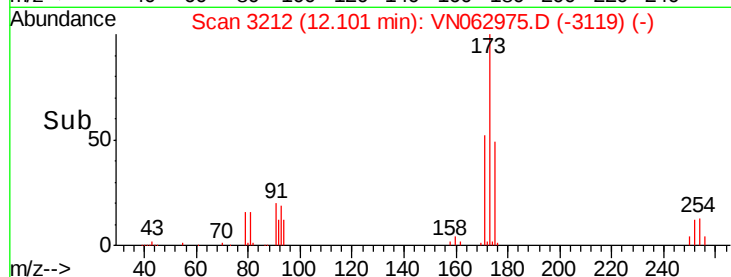
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

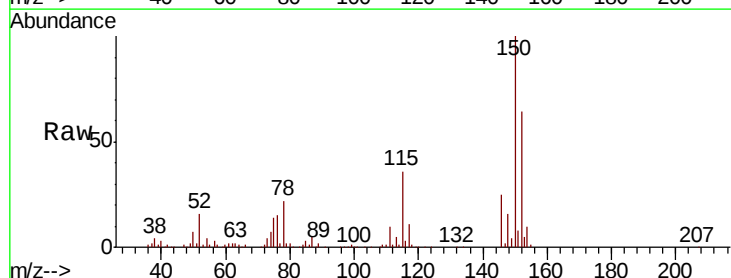
Tgt Ion:152 Resp: 173157

Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

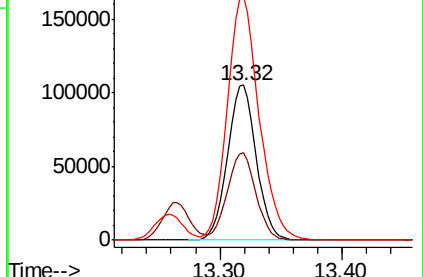
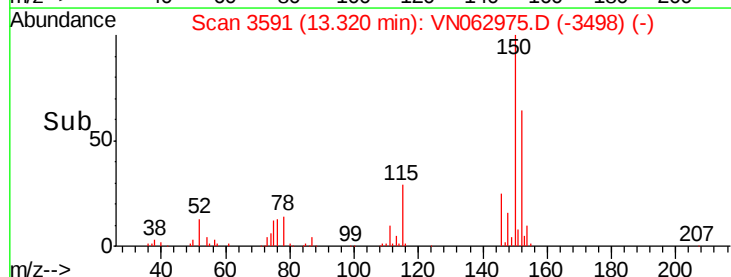
150 172.9 0.0 341.4

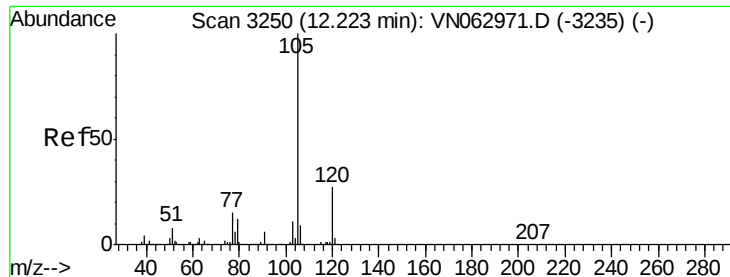


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.446 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

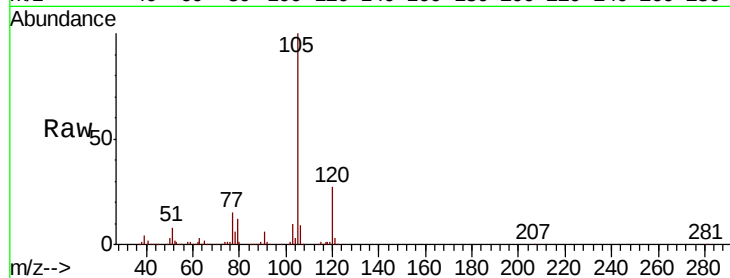
ICVVN081720

Tot Ion:105 Resp: 614554

Ion Ratio Lower Upper

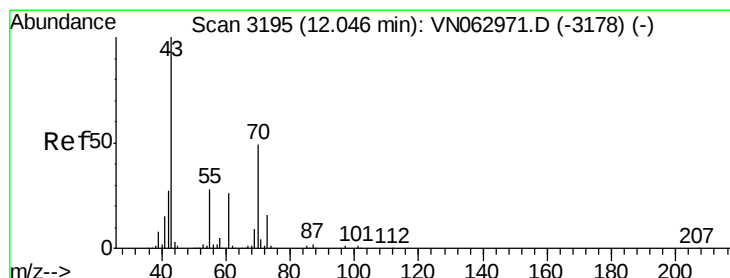
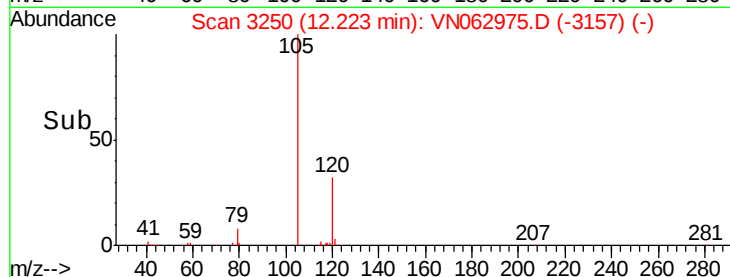
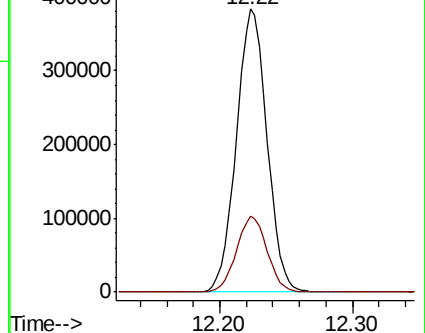
105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.375 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Tgt Ion: 43 Resp: 210687

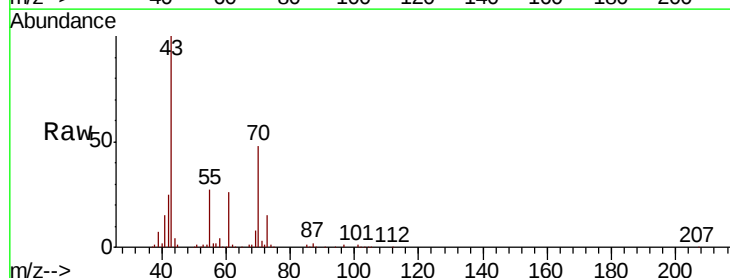
Ion Ratio Lower Upper

43 100

70 46.7 38.4 57.6

55 26.5 21.9 32.9

61 26.2 20.6 31.0

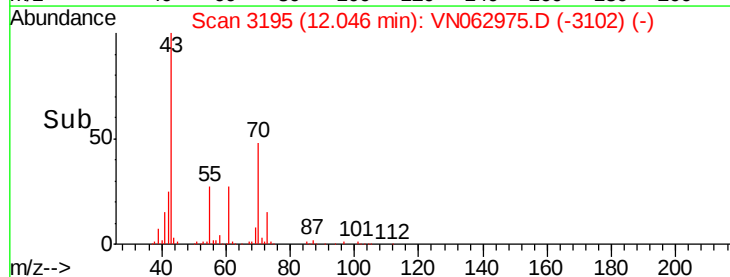
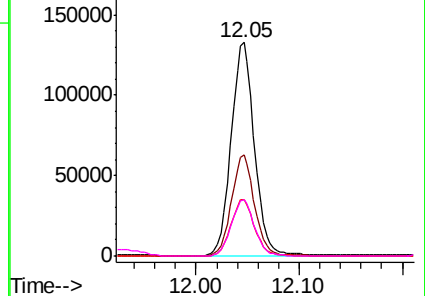


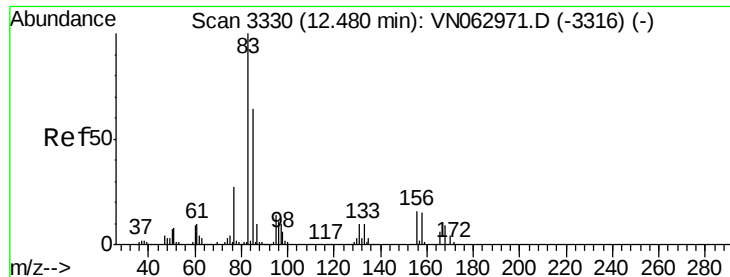
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.074 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081720

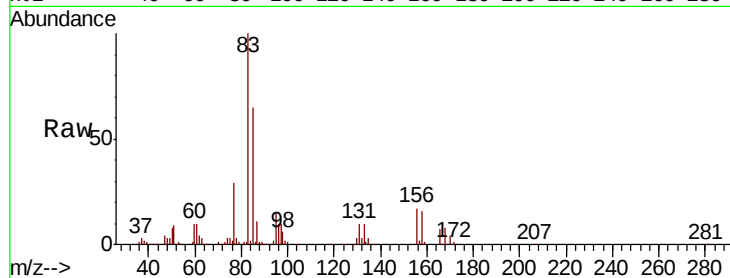
Tot Ion: 83 Resp: 191996

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

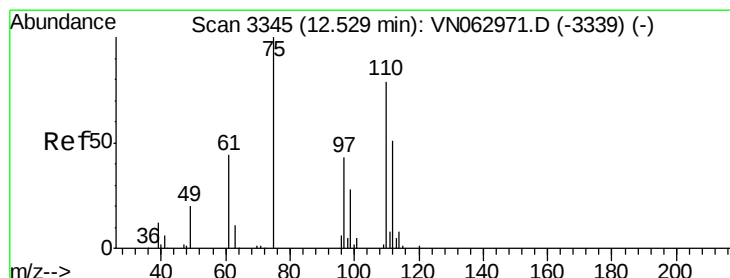
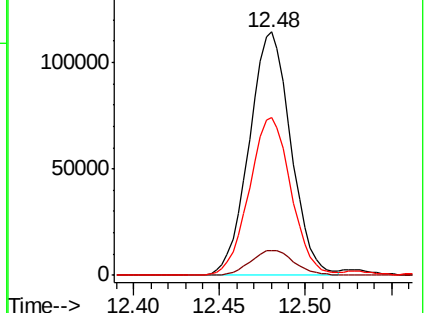
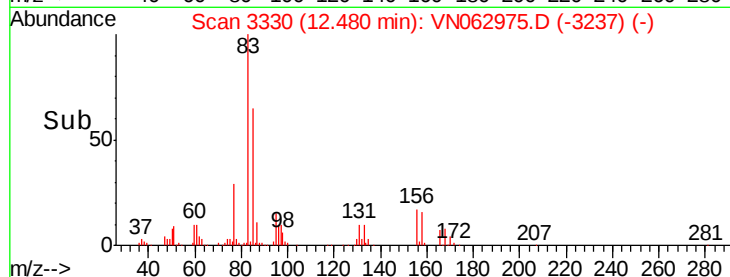
85 65.0 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN062975.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062975.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062975.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 70.692 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062975.D

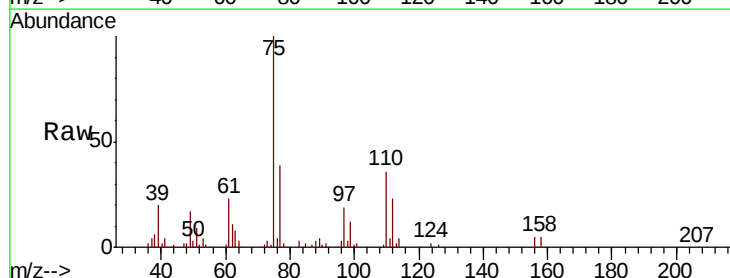
Acq: 17 Aug 2020 17:50

Tgt Ion: 75 Resp: 238983

Ion Ratio Lower Upper

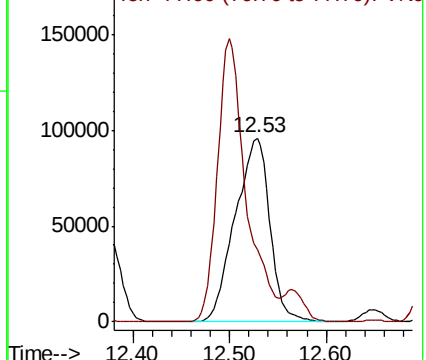
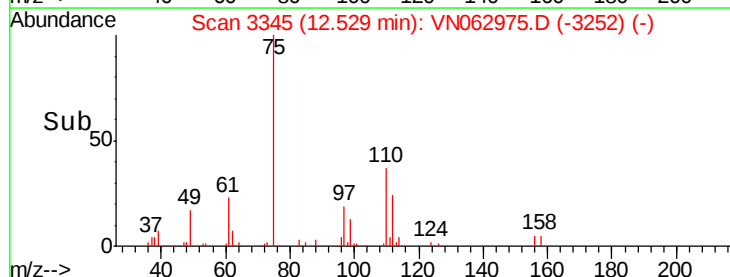
75 100

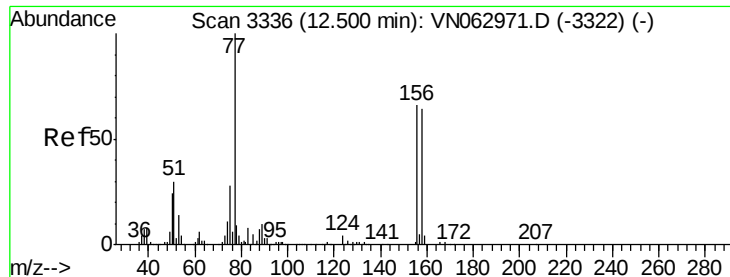
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062975.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062975.D (-3252) (-)





#77

Bromobenzene

Concen: 47.829 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081720

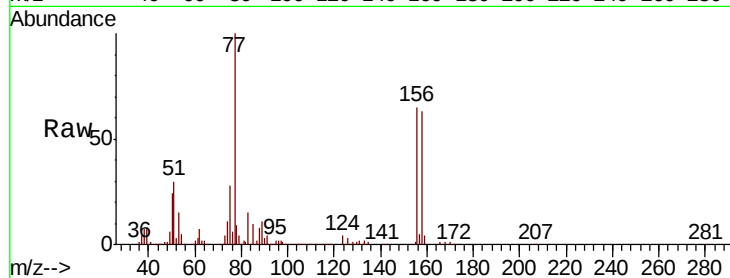
Tot Ion:156 Resp: 164726

Ion Ratio Lower Upper

156 100

77 185.0 92.4 277.2

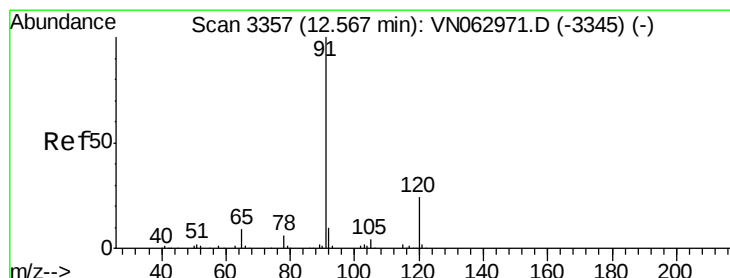
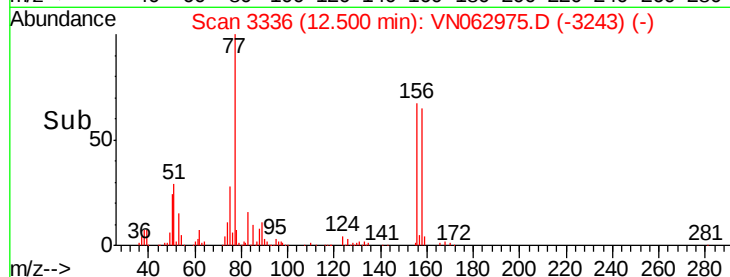
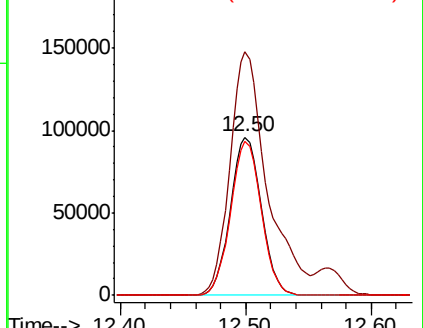
158 96.6 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.717 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062975.D

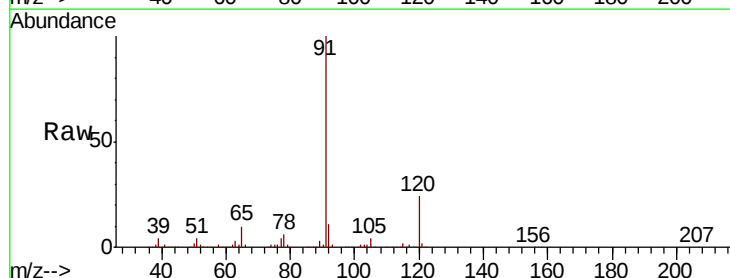
Acq: 17 Aug 2020 17:50

Tgt Ion: 91 Resp: 692961

Ion Ratio Lower Upper

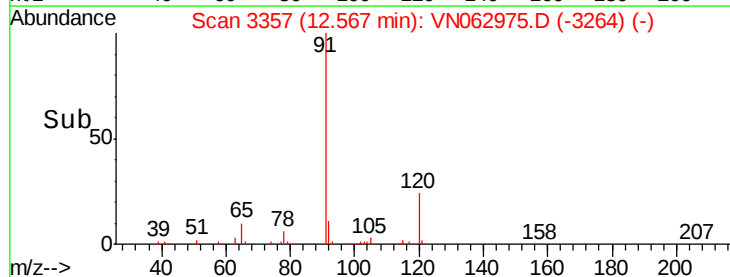
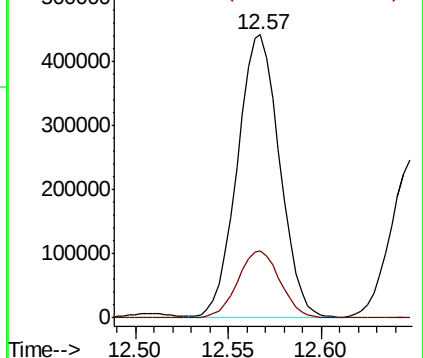
91 100

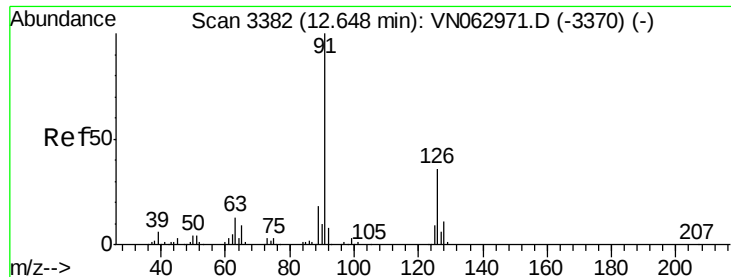
120 23.9 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.278 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

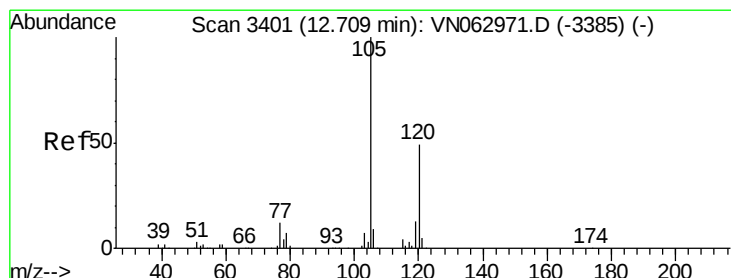
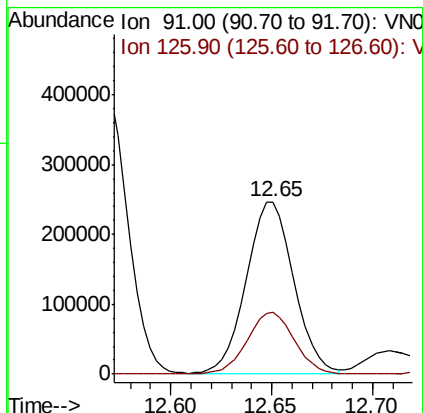
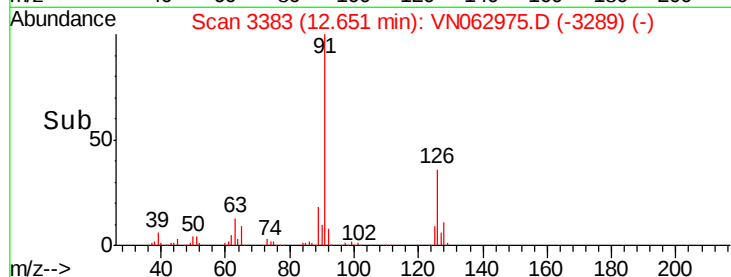
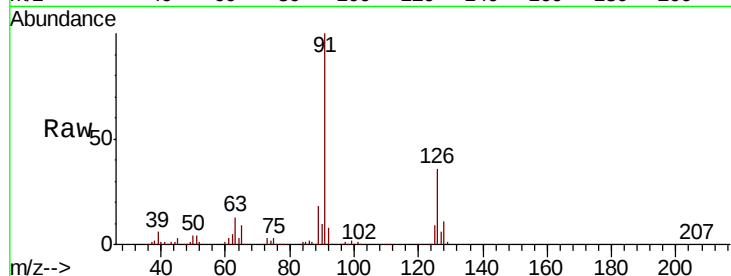
ICVVN081720

Tot Ion: 91 Resp: 404413

Ion Ratio Lower Upper

91 100

126 35.9 18.1 54.3



#80

1,3,5-Trimethylbenzene

Concen: 51.798 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062975.D

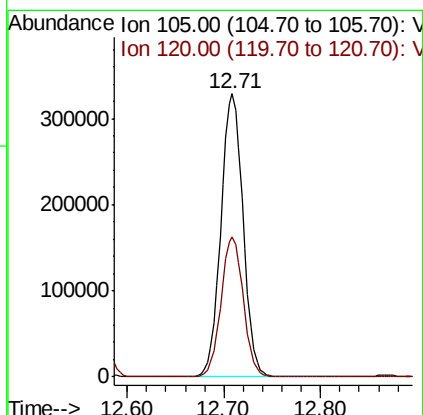
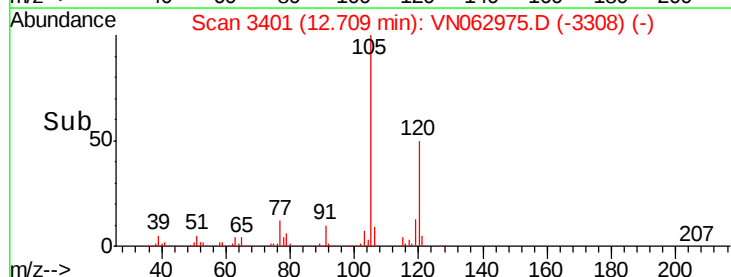
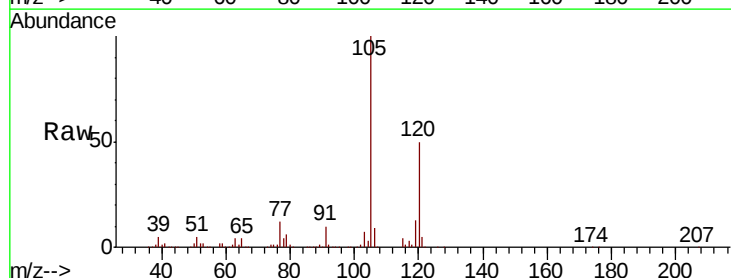
Acq: 17 Aug 2020 17:50

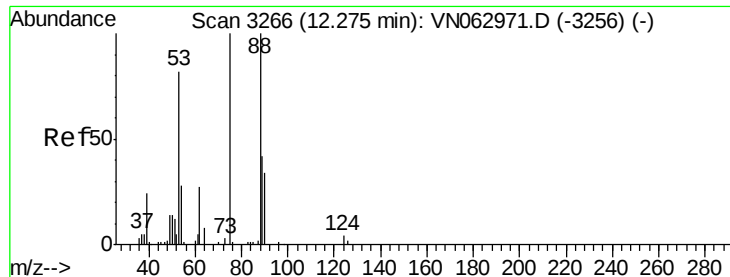
Tgt Ion: 105 Resp: 520627

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 53.024 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081720

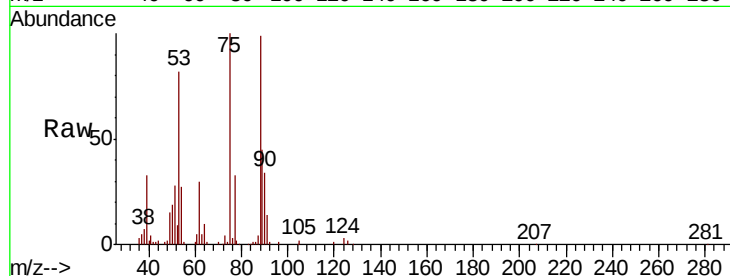
Tot Ion: 75 Resp: 67716

Ion Ratio Lower Upper

75 100

53 82.4 66.2 99.2

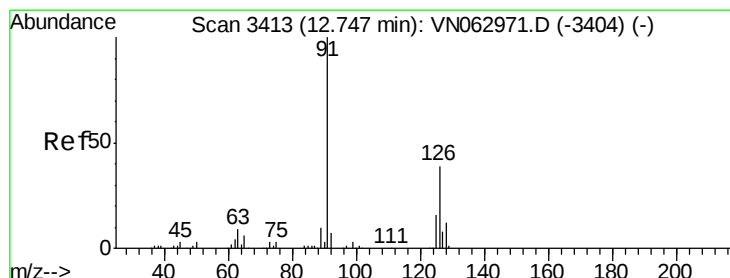
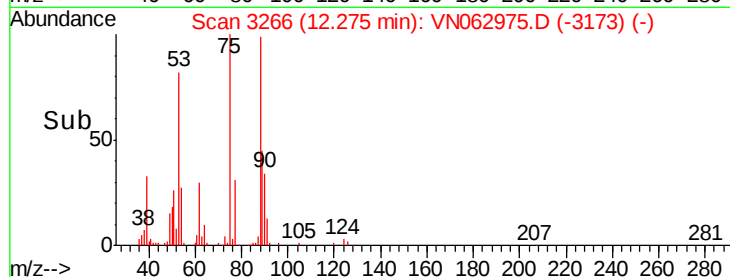
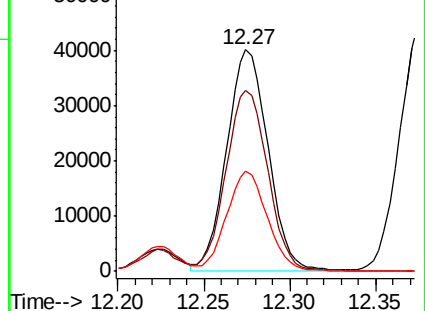
89 44.3 35.0 52.4



Abundance Ion 74.90 (74.60 to 75.60): VN062975.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062975.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062975.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 49.618 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062975.D

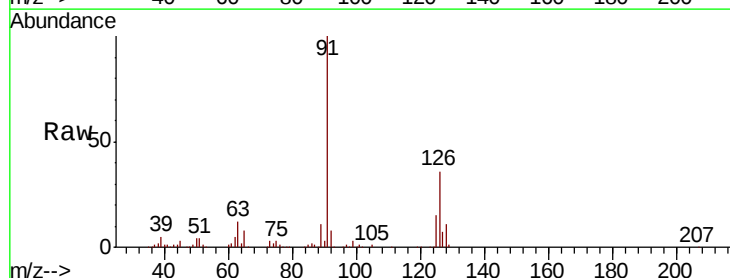
Acq: 17 Aug 2020 17:50

Tgt Ion: 91 Resp: 423552

Ion Ratio Lower Upper

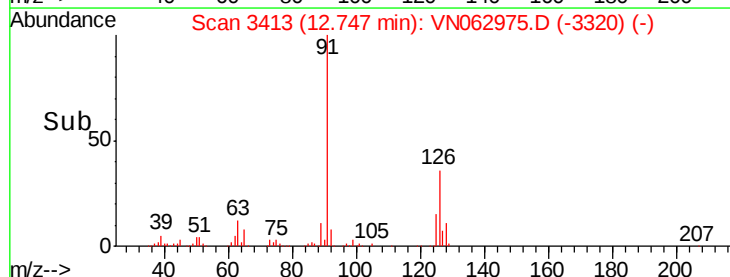
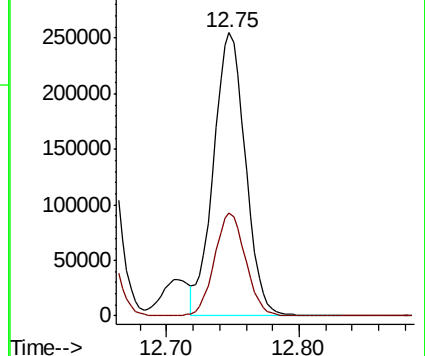
91 100

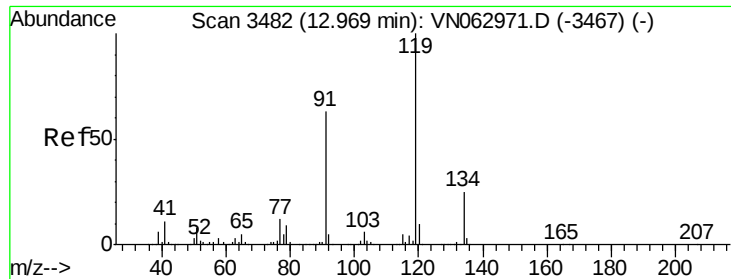
126 35.7 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN062975.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062975.D (-3320) (-)

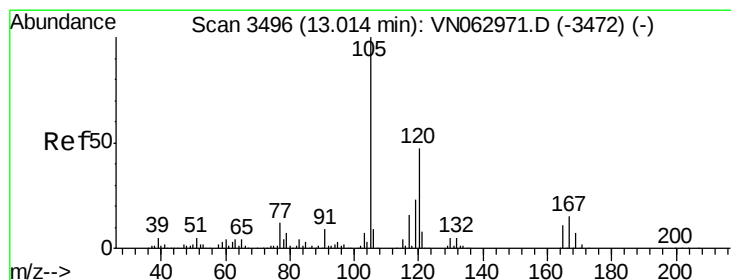
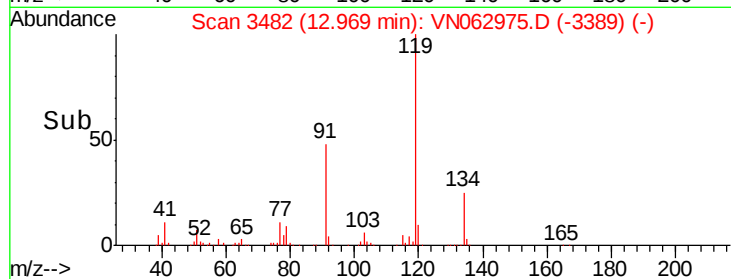
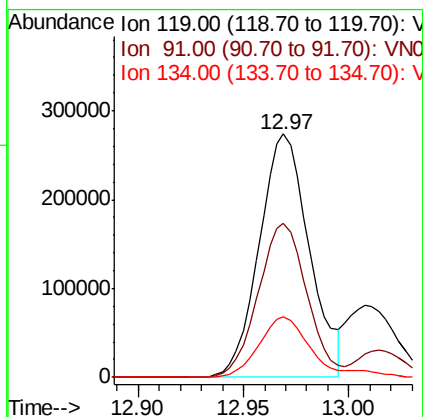
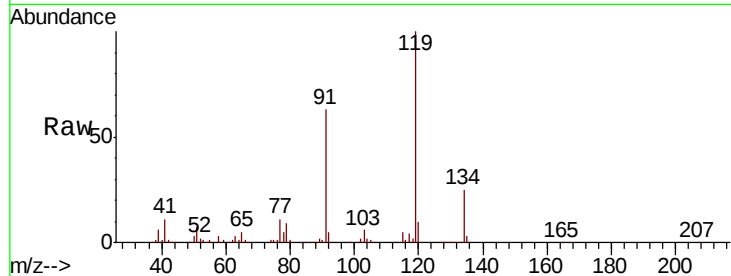




#83
tert-Butylbenzene
Concen: 52.141 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

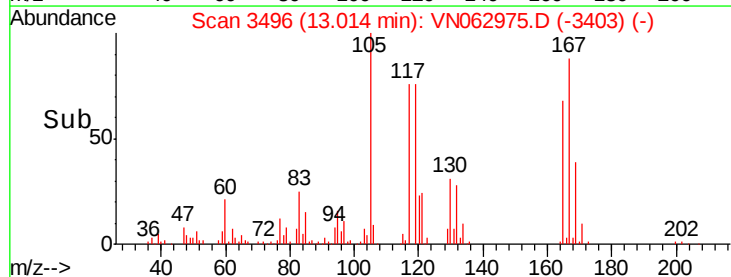
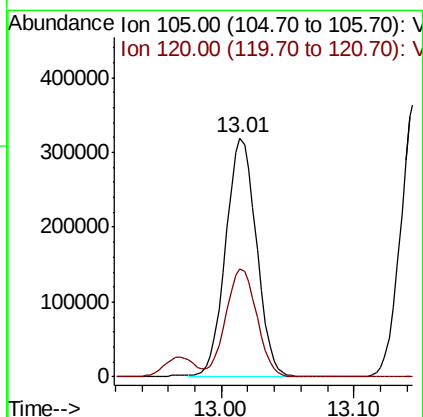
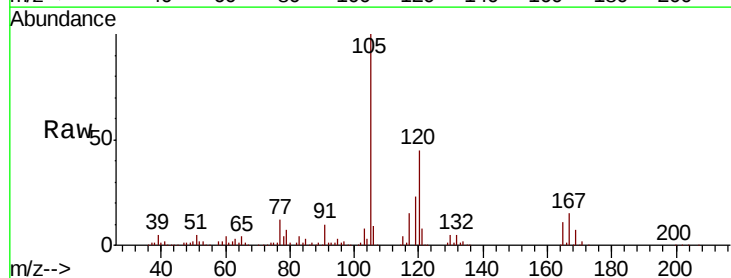
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081720

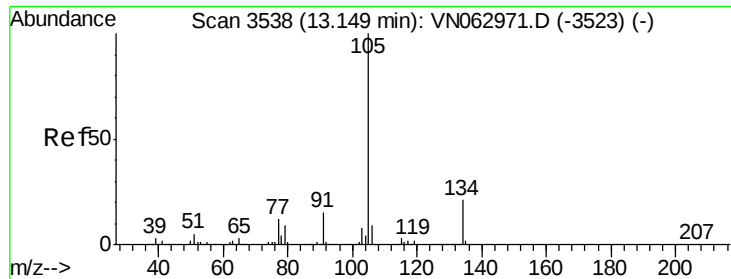
Tot Ion:119 Resp: 451924
Ion Ratio Lower Upper
119 100
91 62.0 31.0 93.0
134 26.3 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 52.664 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Tgt Ion:105 Resp: 512188
Ion Ratio Lower Upper
105 100
120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.021 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

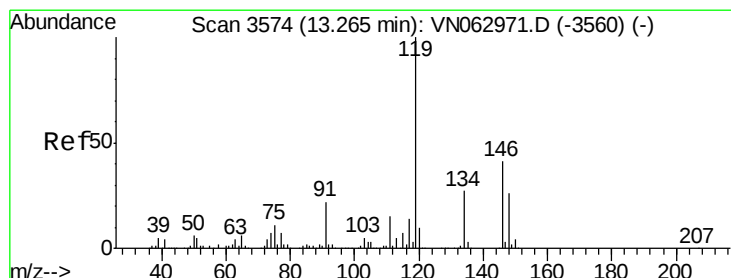
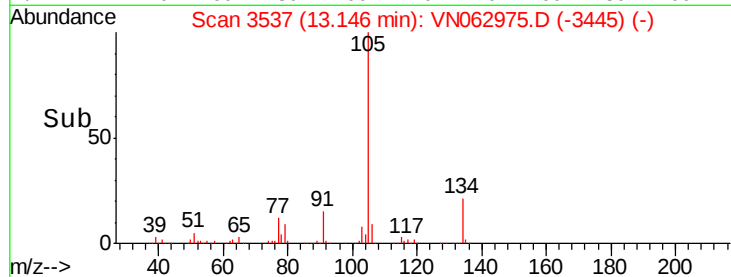
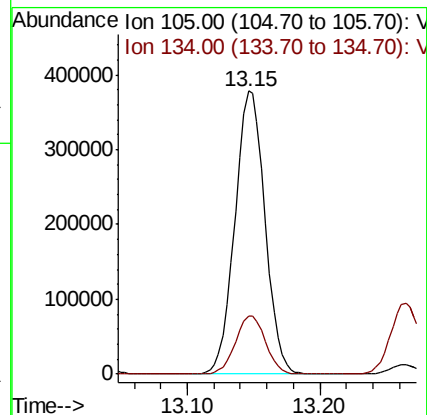
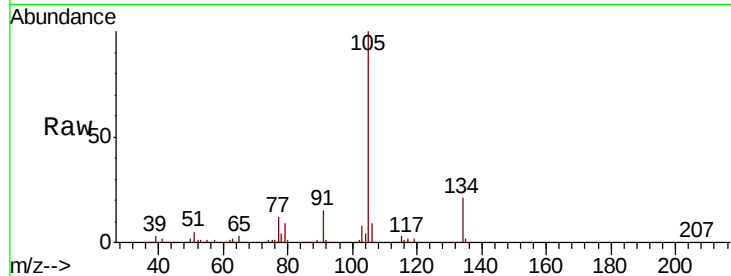
ICVVN081720

Tot Ion:105 Resp: 593405

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1



#86

p-Isopropyltoluene

Concen: 53.866 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

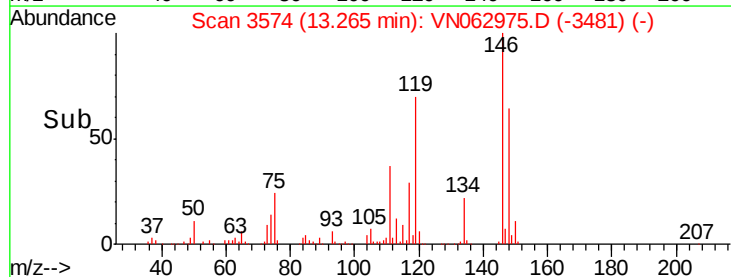
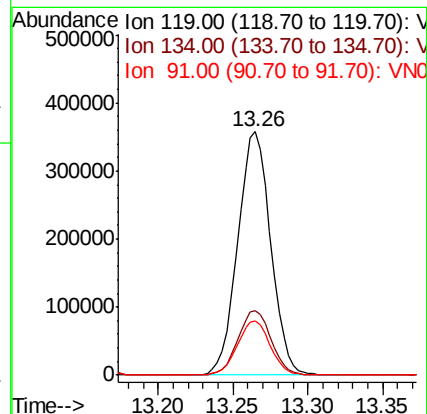
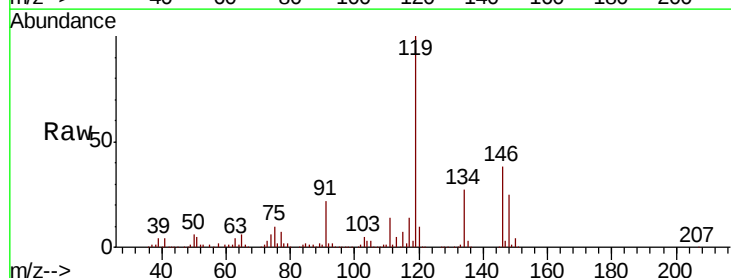
Tgt Ion:119 Resp: 546774

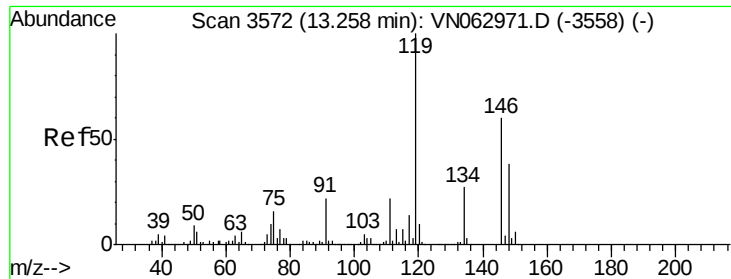
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.2 11.1 33.1

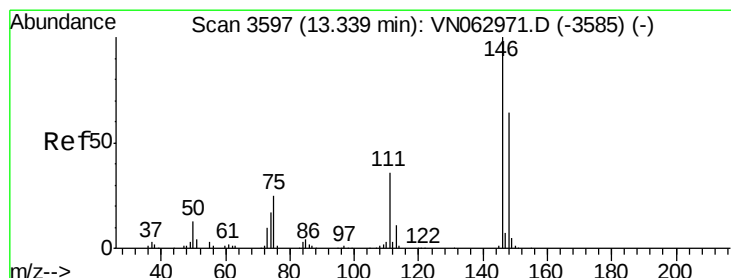
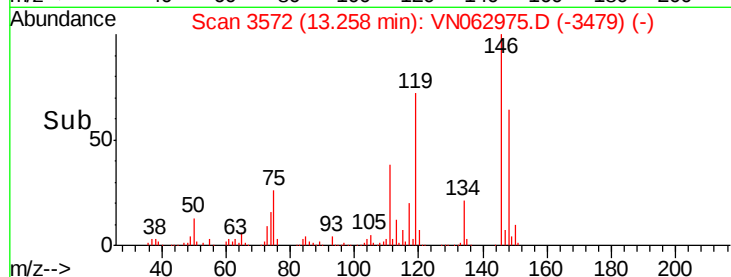
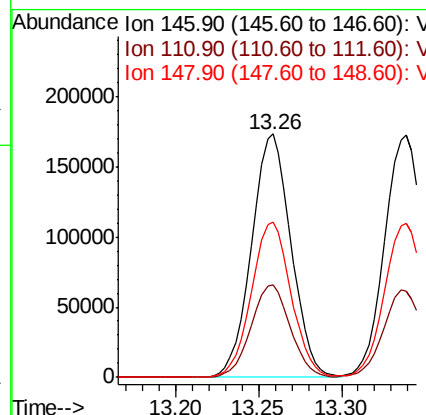
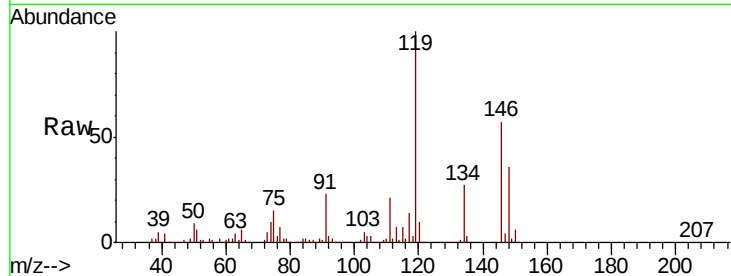




#87
 1,3-Dichlorobenzene
 Concen: 50.574 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

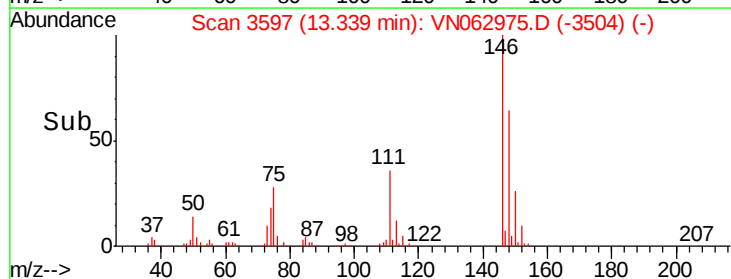
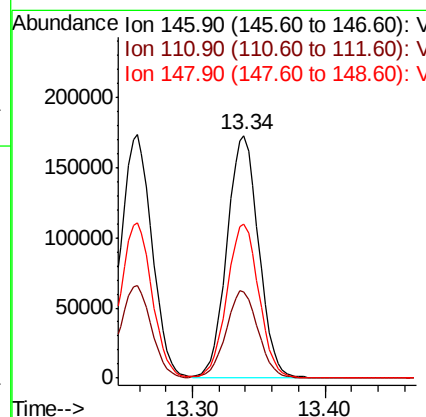
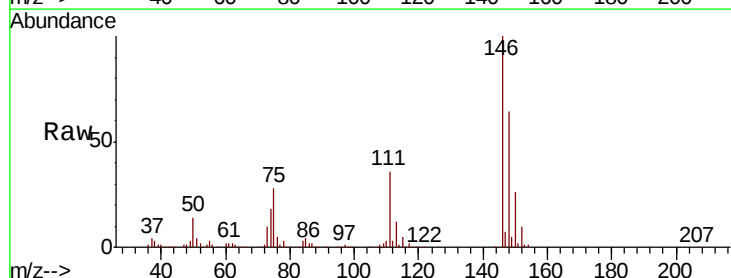
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081720

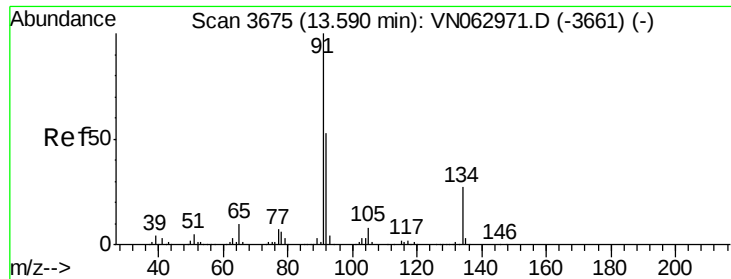
Tot Ion:146 Resp: 286860
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 64.0 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.976 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Tgt Ion:146 Resp: 286303
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.4 55.2
 148 64.1 32.1 96.5

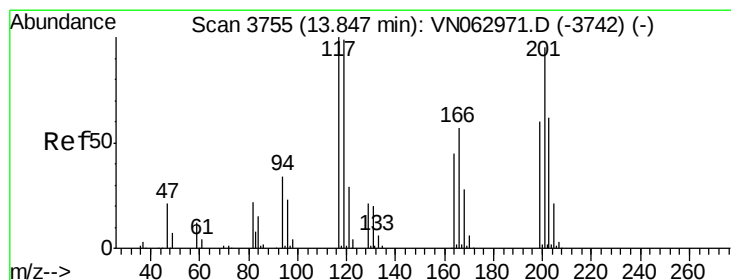
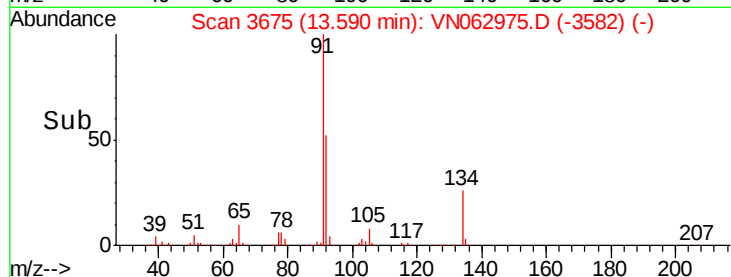
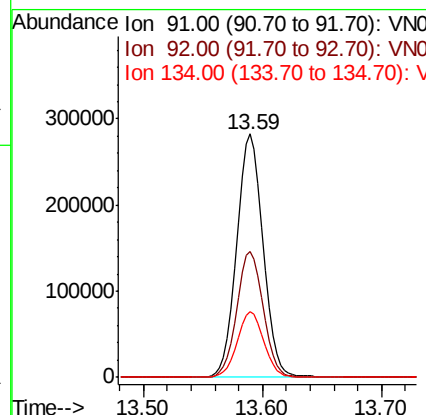
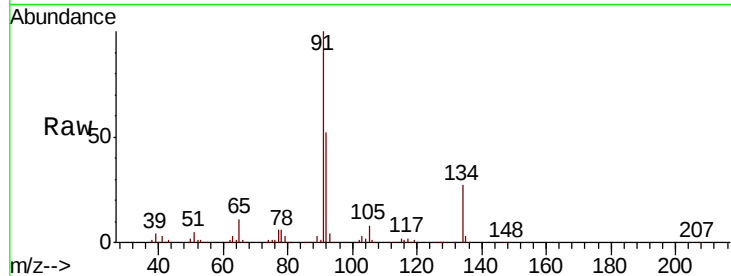




#89
n-Butylbenzene
Concen: 52.659 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

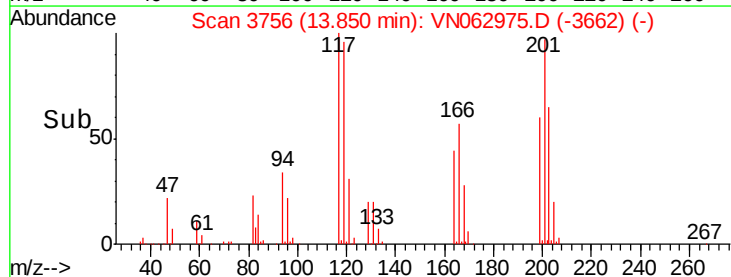
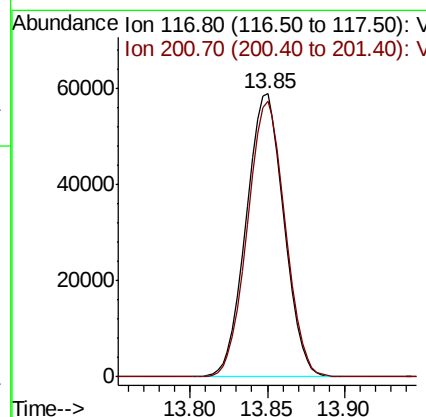
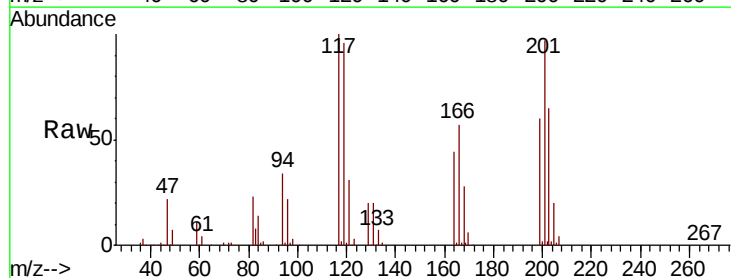
Instrument :
MSVOA_N
ClientSampleId :
ICVVN081720

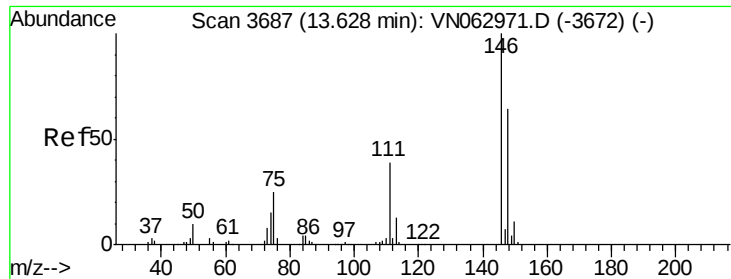
Tot Ion: 91 Resp: 434153
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.8
134 27.1 13.4 40.2



#90
Hexachloroethane
Concen: 48.820 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062975.D
Acq: 17 Aug 2020 17:50

Tgt Ion: 117 Resp: 100519
Ion Ratio Lower Upper
117 100
201 96.9 48.4 145.3

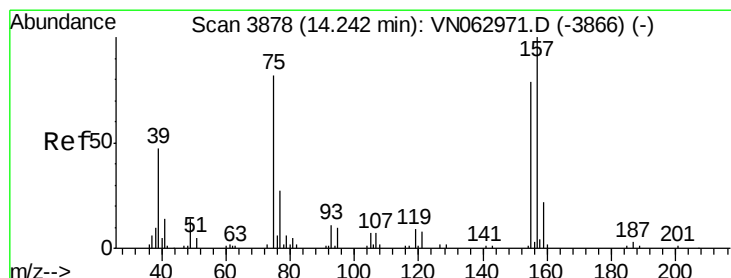
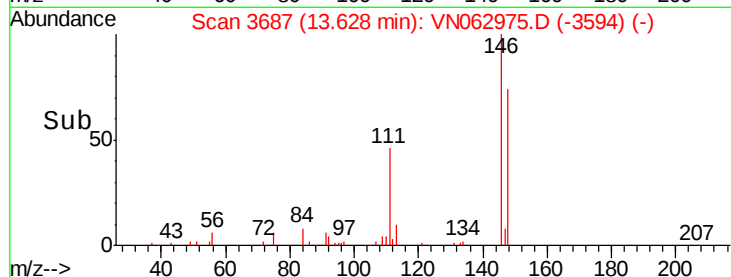
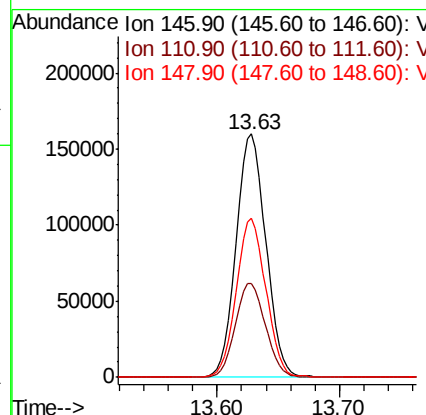
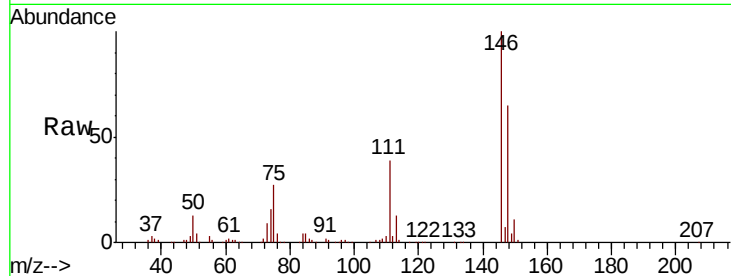




#91
 1,2-Dichlorobenzene
 Concen: 49.642 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

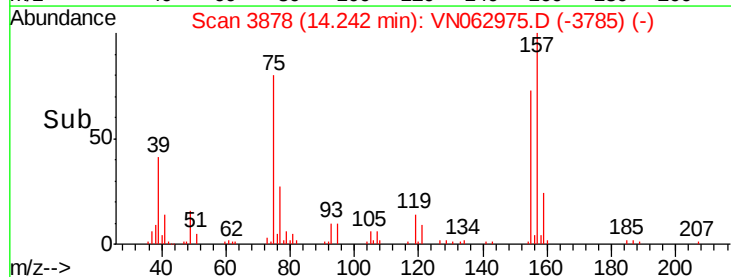
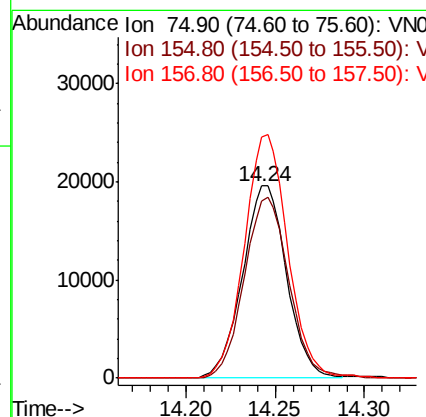
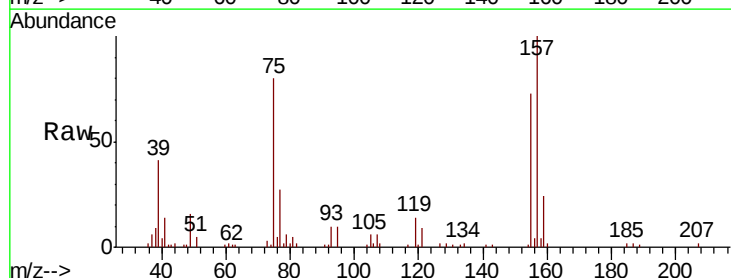
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081720

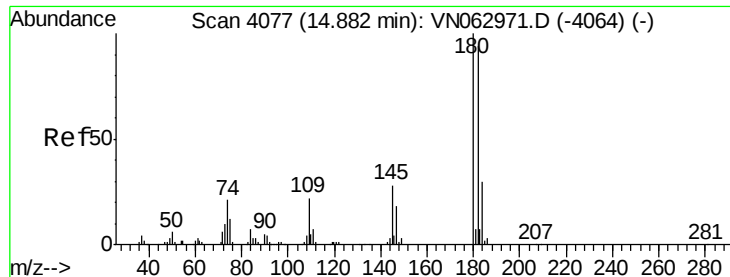
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.4
148	64.8	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.781 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.5	47.6	142.8
157	125.5	61.4	184.1

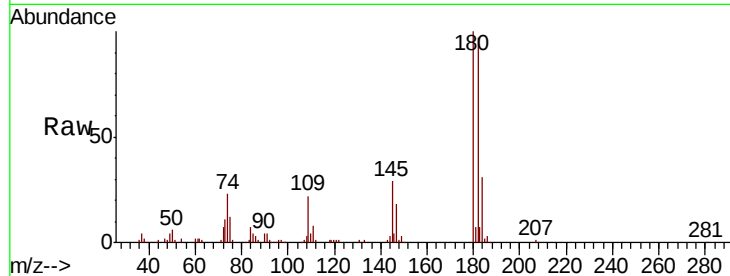




#93
 1,2,4-Trichlorobenzene
 Concen: 47.980 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN081720

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.3
145	28.5	13.9	41.7

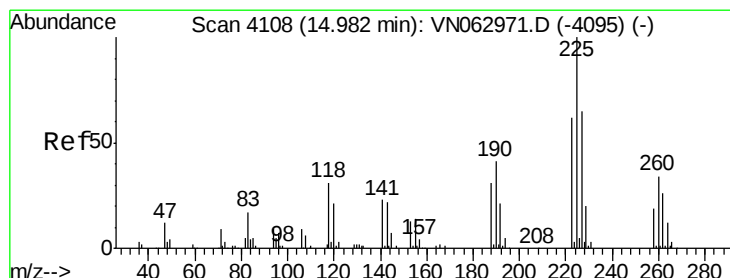
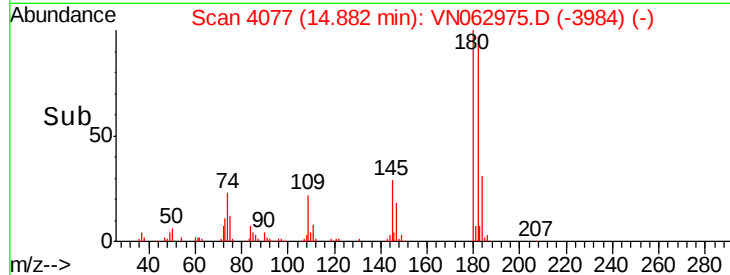
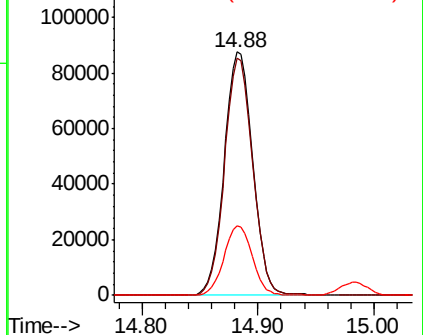


Abundance

Ion 179.80 (179.50 to 180.50): V

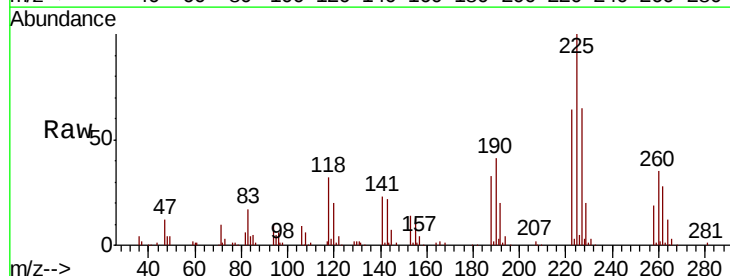
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.636 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062975.D
 Acq: 17 Aug 2020 17:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.9	92.5
227	64.5	32.0	96.0

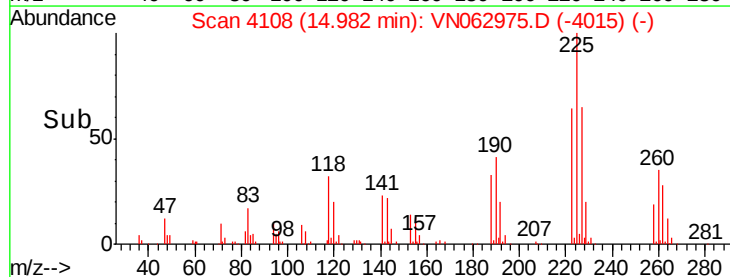
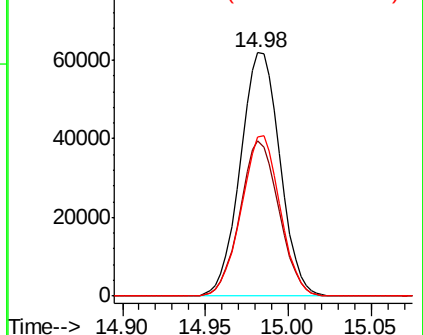


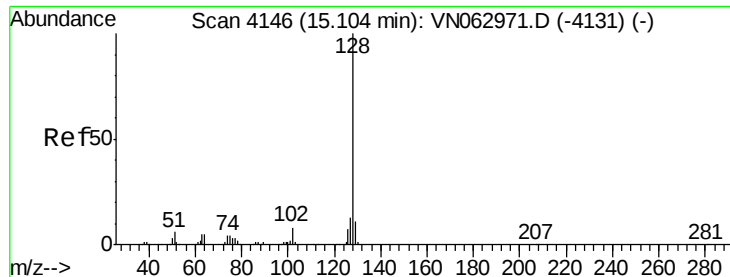
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.476 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN081720

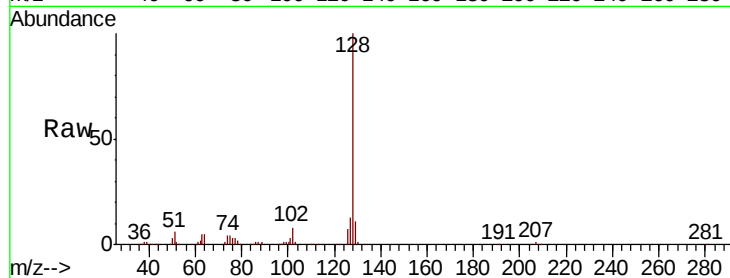
Tot Ion:128 Resp: 339054

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

129 10.9 8.6 12.8

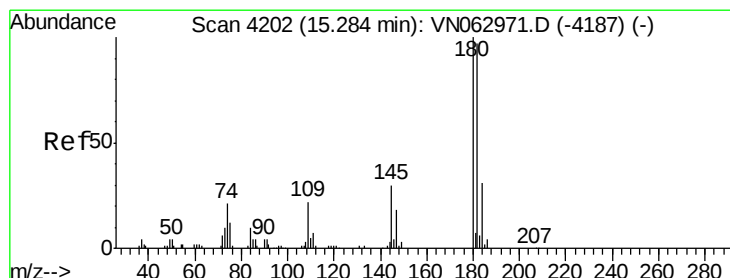
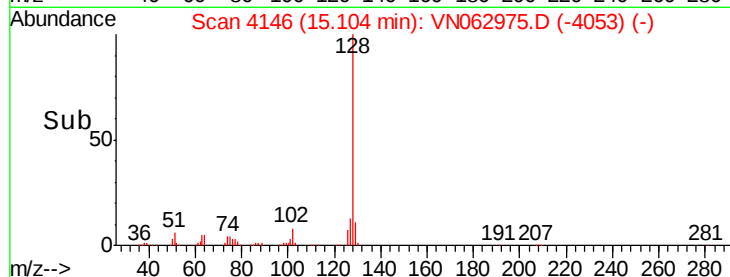
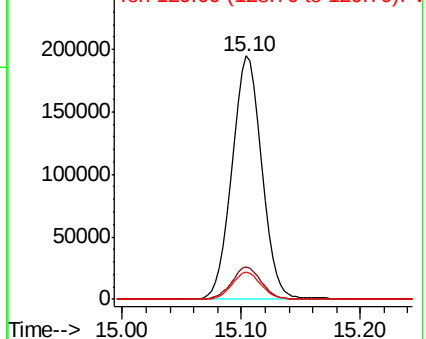


Abundance

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: 47.296 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062975.D

Acq: 17 Aug 2020 17:50

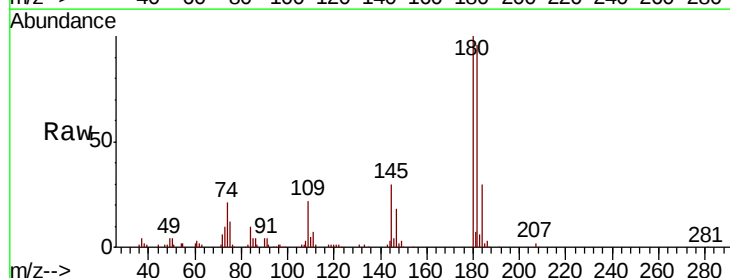
Tgt Ion:180 Resp: 144722

Ion Ratio Lower Upper

180 100

182 96.3 49.3 147.8

145 30.0 15.0 45.0



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

