

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062571.D
 Acq On : 21 Jul 2020 14:26
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

Quant Time: Jul 22 04:54:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	221005	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	365764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	339345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	160753	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	156329	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	
35) Dibromofluoromethane	7.55	113	112160	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
50) Toluene-d8	10.06	98	446952	46.63	ug/l	0.00
Spiked Amount			Recovery	=	93.26%	
62) 4-Bromofluorobenzene	12.37	95	168063	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	128249	48.650	ug/l	99
3) Chloromethane	2.04	50	172156	48.149	ug/l	97
4) Vinyl Chloride	2.16	62	149092	48.101	ug/l	99
5) Bromomethane	2.53	94	67064	48.850	ug/l	99
6) Chloroethane	2.67	64	67443	48.102	ug/l	99
7) Trichlorofluoromethane	2.98	101	173928	47.792	ug/l	98
8) Diethyl Ether	3.37	74	84404	49.596	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	118172	50.646	ug/l	99
10) Methyl Iodide	3.91	142	144482	48.435	ug/l	100
11) Tert butyl alcohol	4.73	59	130620	239.163	ug/l	100
12) 1,1-Dichloroethene	3.70	96	117643	49.714	ug/l	98
13) Acrolein	3.56	56	119471	211.117	ug/l	99
14) Allyl chloride	4.27	41	259045	50.607	ug/l	99
15) Acrylonitrile	4.93	53	364764	249.350	ug/l	100
16) Acetone	3.77	43	345877	267.719	ug/l	100
17) Carbon Disulfide	4.01	76	371994	47.844	ug/l	100
18) Methyl Acetate	4.28	43	156615	47.885	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	434788	49.920	ug/l	99
20) Methylene Chloride	4.50	84	143629	46.353	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	129809	49.424	ug/l	97
22) Diisopropyl ether	5.90	45	509597	50.085	ug/l	98
23) Vinyl Acetate	5.84	43	2159116	258.980	ug/l	100
24) 1,1-Dichloroethane	5.80	63	271249	49.507	ug/l	99
25) 2-Butanone	6.79	43	507450	257.904	ug/l	100
26) 2,2-Dichloropropane	6.78	77	225946	50.235	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	146591	48.913	ug/l	98
28) Bromochloromethane	7.15	49	134986	50.061	ug/l	99
29) Tetrahydrofuran	7.17	42	328816	246.973	ug/l	100
30) Chloroform	7.33	83	251672	48.310	ug/l	99
31) Cyclohexane	7.61	56	246234	48.675	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	213057	48.985	ug/l	99
36) 1,1-Dichloropropene	7.75	75	197904	50.762	ug/l	100
37) Ethyl Acetate	6.88	43	213412	50.782	ug/l	98
38) Carbon Tetrachloride	7.73	117	184500	49.233	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	221507	52.781	ug/l	100
40) Benzene	8.00	78	584891	49.554	ug/l	100
41) Methacrylonitrile	7.12	41	95900	53.244	ug/l #	86
42) 1,2-Dichloroethane	8.09	62	214105	49.618	ug/l	100
43) Isopropyl Acetate	8.13	43	344391	50.834	ug/l #	91
44) Trichloroethene	8.80	130	131946	49.572	ug/l	100
45) 1,2-Dichloropropane	9.08	63	165978	50.085	ug/l	98
46) Dibromomethane	9.17	93	95426	49.821	ug/l	99
47) Bromodichloromethane	9.37	83	207831	50.085	ug/l	100
48) Methyl methacrylate	9.17	41	164382	51.042	ug/l	99
49) 1,4-Dioxane	9.17	88	51259	1036.303	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1035417	255.429	ug/l	99
52) Toluene	10.12	92	349475	50.991	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	241410	52.260	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	262121	52.882	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	133469	50.205	ug/l	97
56) Ethyl methacrylate	10.40	69	228943	48.033	ug/l	99
57) 1,3-Dichloropropane	10.68	76	248332	50.989	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	333038	232.737	ug/l	100
59) 2-Hexanone	10.72	43	764835	244.041	ug/l	100
60) Dibromochloromethane	10.87	129	150974	50.906	ug/l	99
61) 1,2-Dibromoethane	10.98	107	136700	49.382	ug/l	98
64) Tetrachloroethene	10.60	164	110476	50.107	ug/l	98
65) Chlorobenzene	11.41	112	361664	50.837	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	132911	49.662	ug/l	99
67) Ethyl Benzene	11.48	91	680678	52.184	ug/l	100
68) m/p-Xylenes	11.59	106	493185	105.194	ug/l	99
69) o-Xylene	11.92	106	234883	52.759	ug/l	99
70) Styrene	11.94	104	407049	54.125	ug/l	99
71) Bromoform	12.10	173	102707	51.112	ug/l #	99
73) Isopropylbenzene	12.22	105	639250	50.291	ug/l	100
74) N-amyl acetate	12.05	43	303284	53.428	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	205221	46.461	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	274309	67.040	ug/l #	100
77) Bromobenzene	12.50	156	147778	48.378	ug/l	98
78) n-propylbenzene	12.56	91	761589	51.151	ug/l	100
79) 2-Chlorotoluene	12.65	91	453555	49.429	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	547816	51.957	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	74260	50.522	ug/l	99
82) 4-Chlorotoluene	12.75	91	471570	49.374	ug/l	100
83) tert-Butylbenzene	12.97	119	452303	51.662	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	538330	52.046	ug/l	99
85) sec-Butylbenzene	13.15	105	609893	52.033	ug/l	100
86) p-Isopropyltoluene	13.26	119	543424	53.905	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	264764	49.392	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	265148	50.247	ug/l	100
89) n-Butylbenzene	13.59	91	461692	53.300	ug/l	100
90) Hexachloroethane	13.85	117	103646	48.296	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	255144	49.778	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	39171	48.844	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

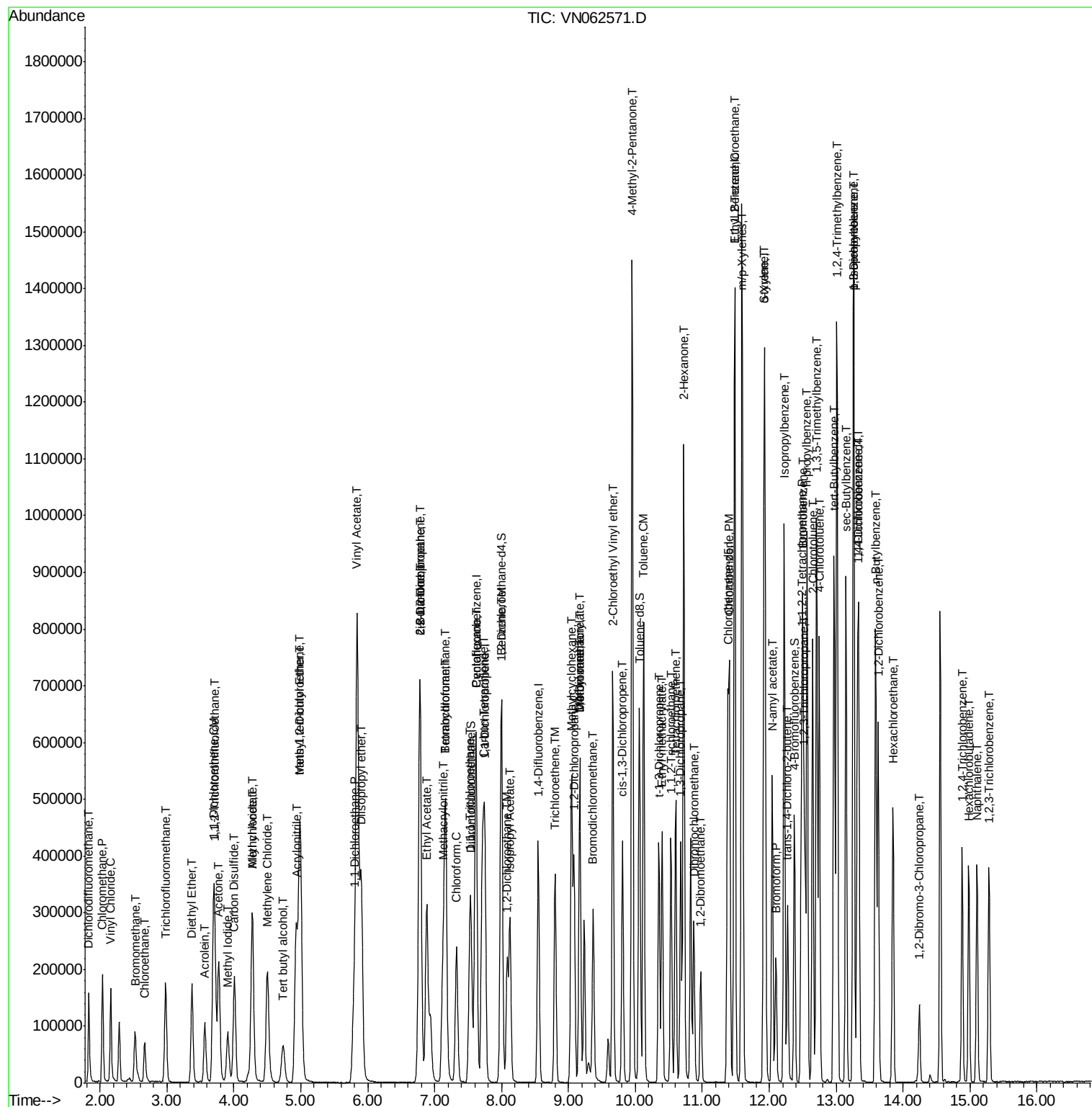
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	124672	46.492	ug/l	99
94) Hexachlorobutadiene	14.98	225	71864	51.842	ug/l	98
95) Naphthalene	15.10	128	315446	44.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	122208	50.593	ug/l	99

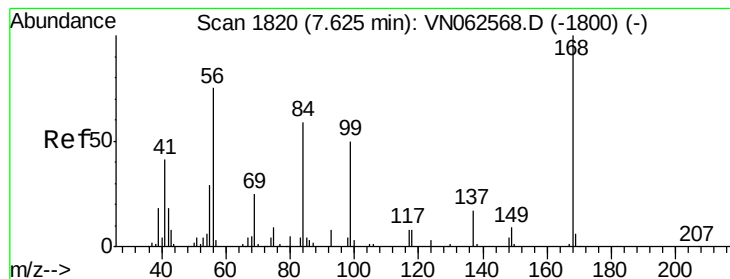
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072120\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

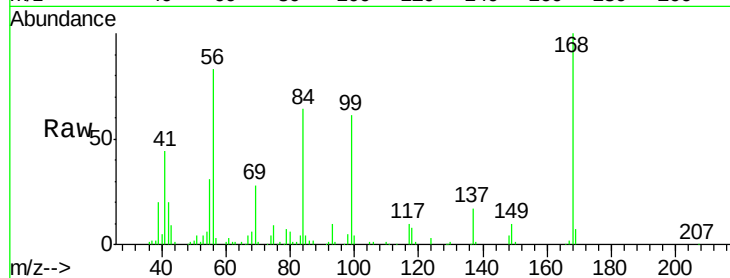
ICVVN072120

Tot Ion:168 Resp: 221005

Ion Ratio Lower Upper

168 100

99 60.3 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

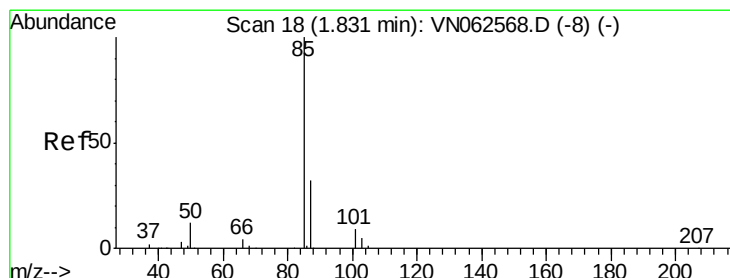
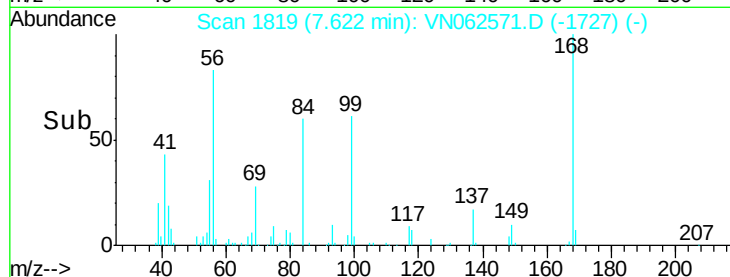
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 48.650 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062571.D

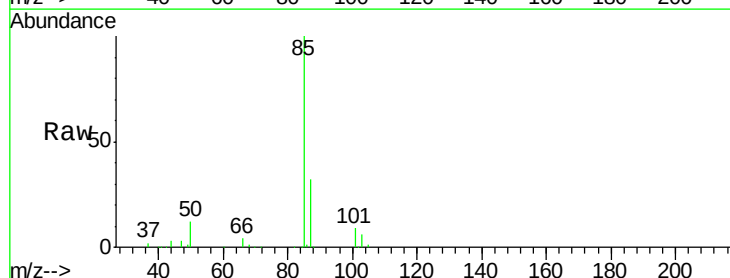
Acq: 21 Jul 2020 14:26

Tgt Ion: 85 Resp: 128249

Ion Ratio Lower Upper

85 100

87 31.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

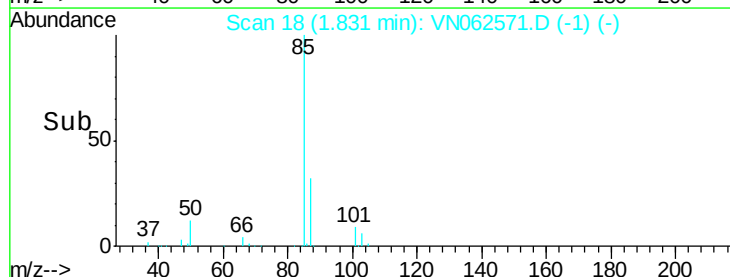
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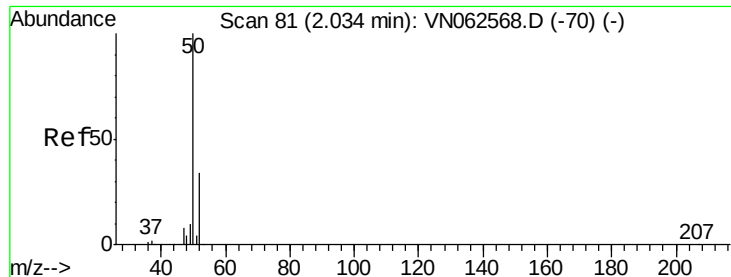
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 48.149 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

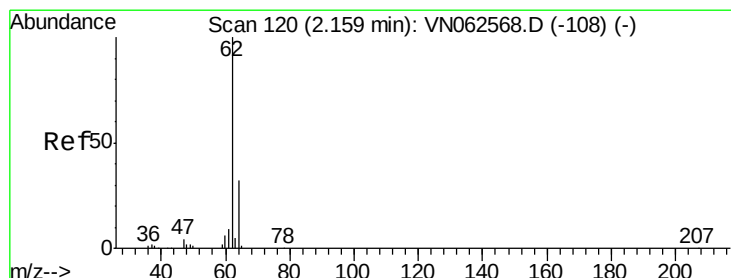
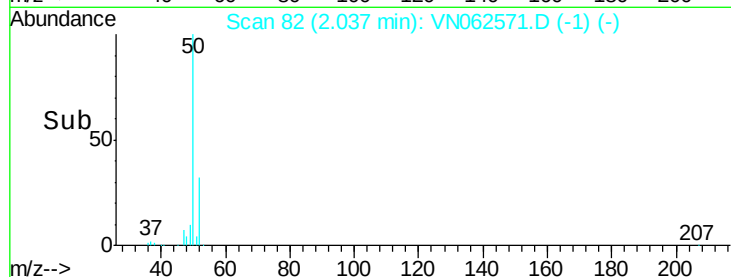
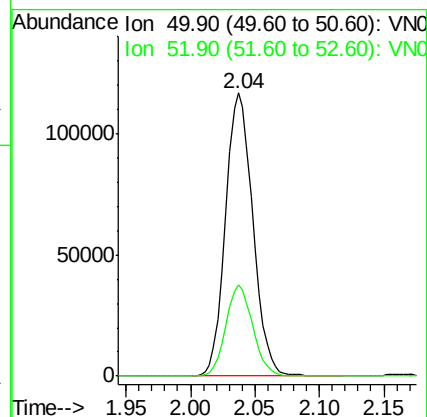
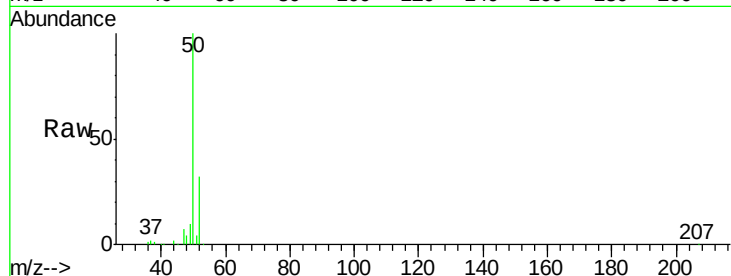
ICVVN072120

Tot Ion: 50 Resp: 172156

Ion Ratio Lower Upper

50 100

52 32.2 27.0 40.4



#4

Vinyl Chloride

Concen: 48.101 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062571.D

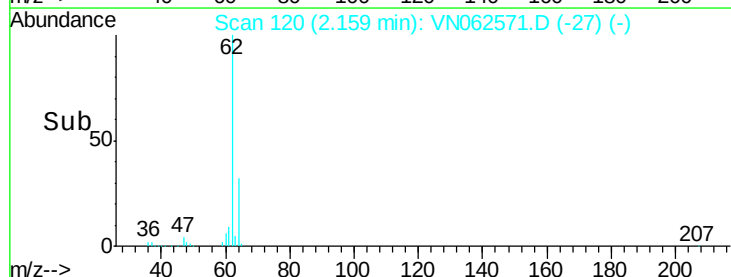
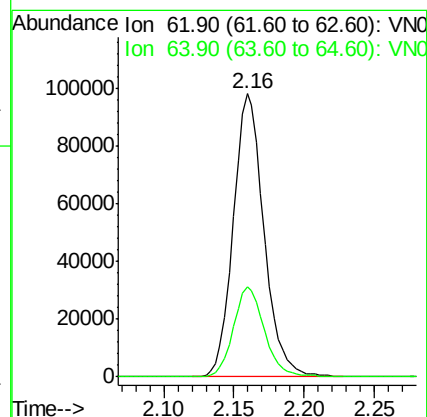
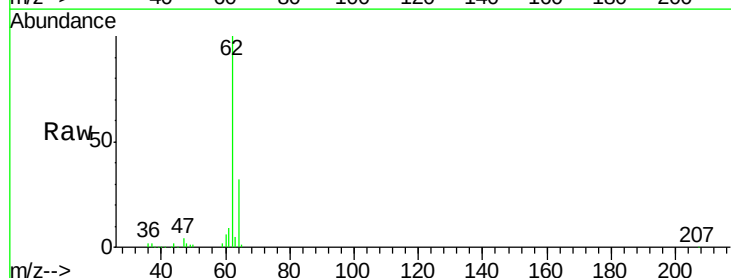
Acq: 21 Jul 2020 14:26

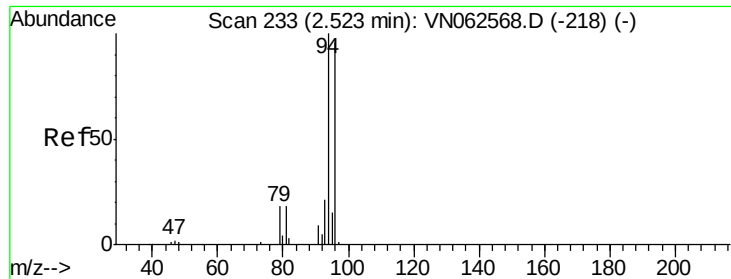
Tgt Ion: 62 Resp: 149092

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.8





#5

Bromomethane

Concen: 48.850 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

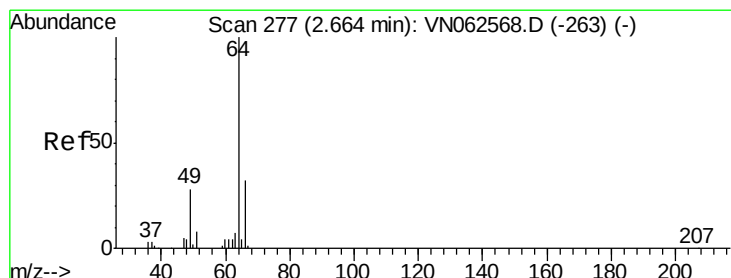
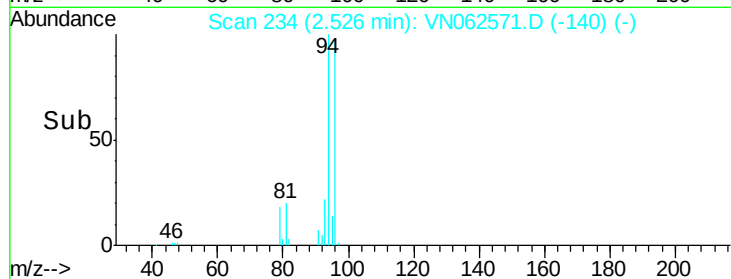
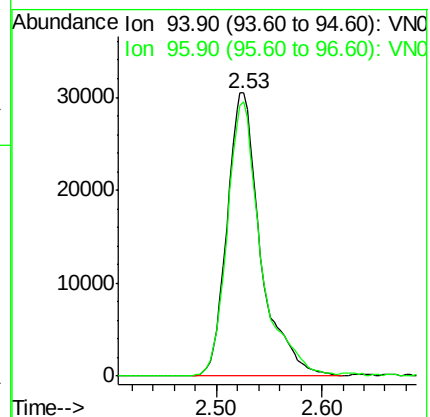
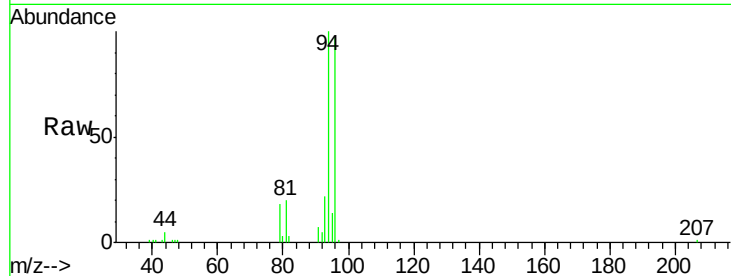
ICVVN072120

Tot Ion: 94 Resp: 67064

Ion Ratio Lower Upper

94 100

96 96.8 76.6 114.8



#6

Chloroethane

Concen: 48.102 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062571.D

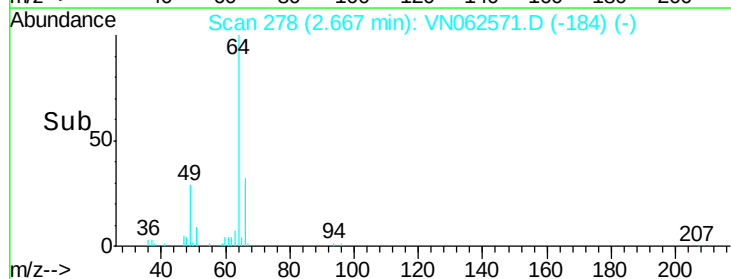
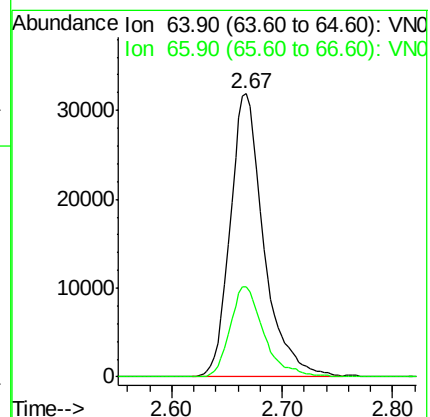
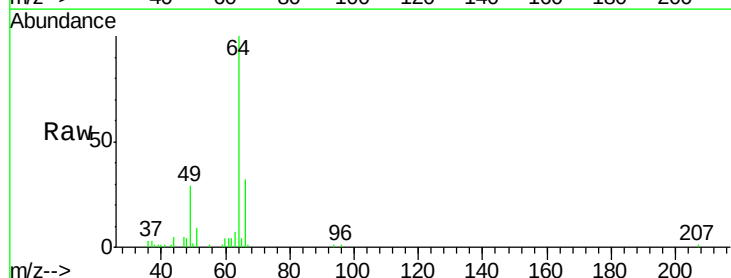
Acq: 21 Jul 2020 14:26

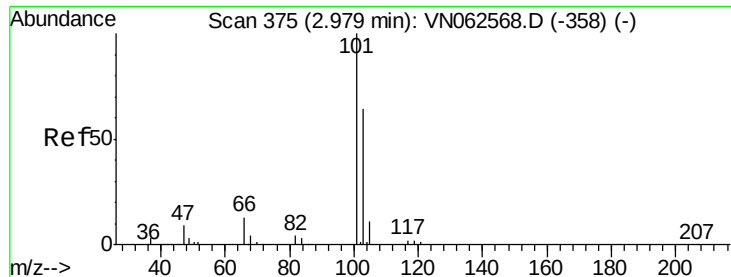
Tgt Ion: 64 Resp: 67443

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.8



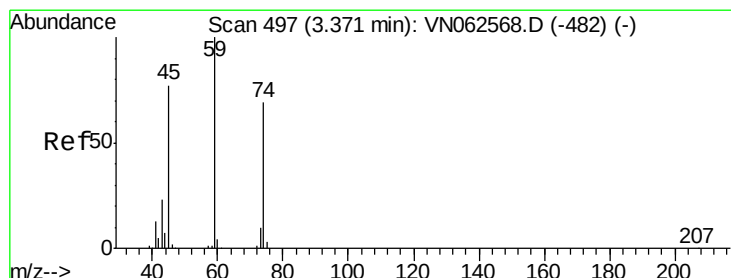
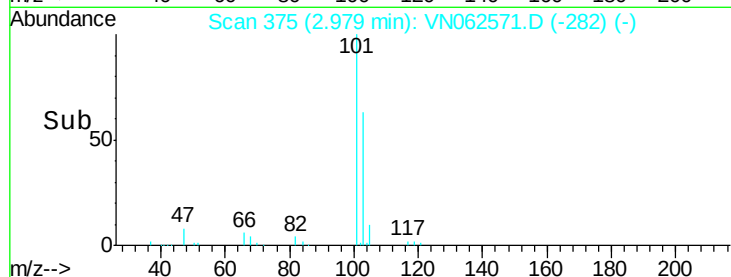
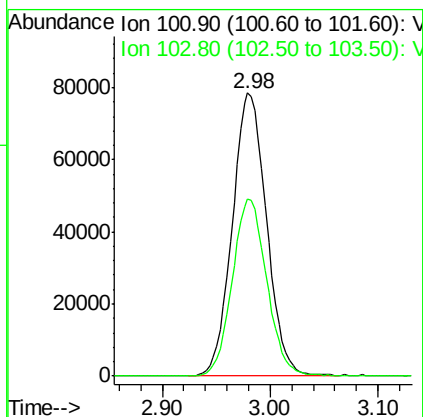
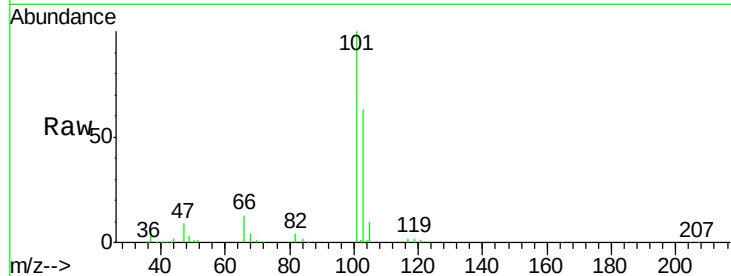


#7

Trichlorofluoromethane
 Concen: 47.792 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
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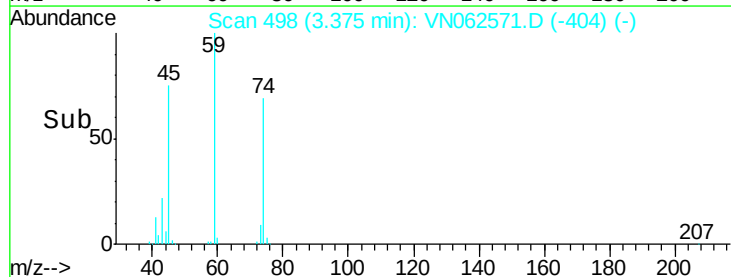
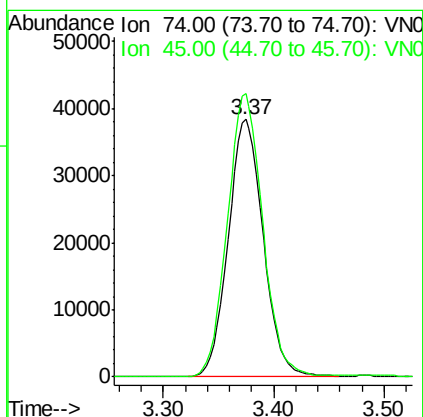
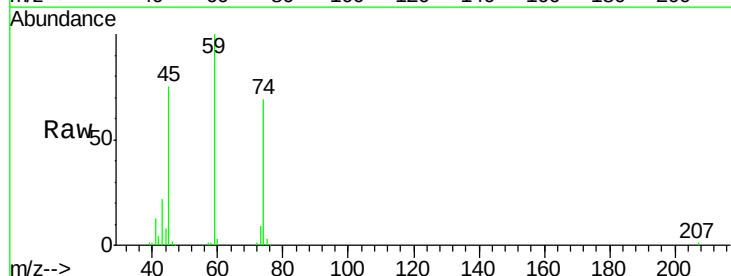
Tot Ion:101 Resp: 173928
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.5 77.3

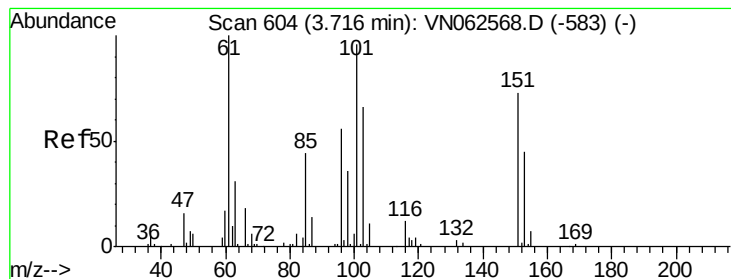


#8

Diethyl Ether
 Concen: 49.596 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion: 74 Resp: 84404
 Ion Ratio Lower Upper
 74 100
 45 111.1 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.646 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampled :

ICVVN072120

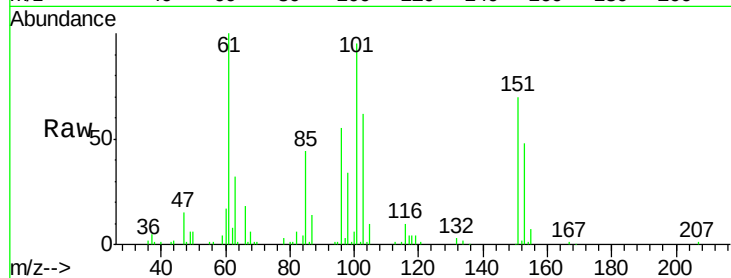
Tot Ion:101 Resp: 118172

Ion Ratio Lower Upper

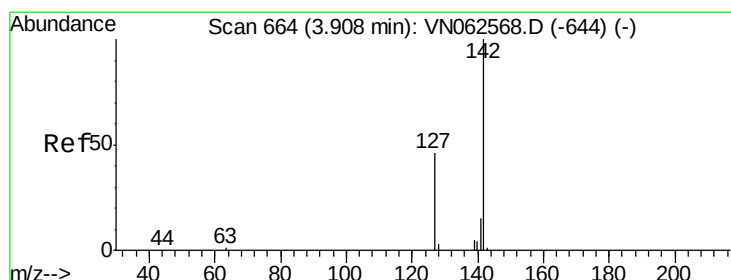
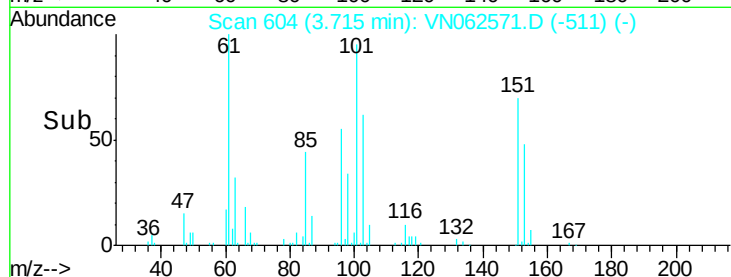
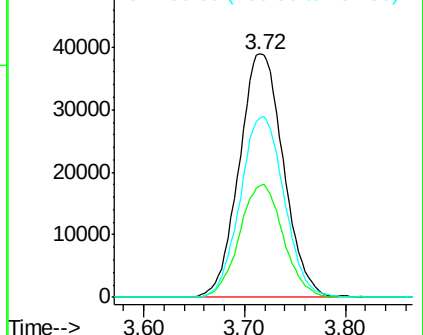
101 100

85 45.8 36.0 54.0

151 73.9 60.0 90.0



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



#10

Methyl Iodide

Concen: 48.435 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

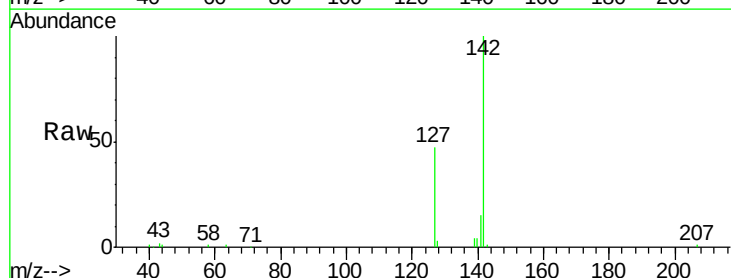
Tgt Ion:142 Resp: 144482

Ion Ratio Lower Upper

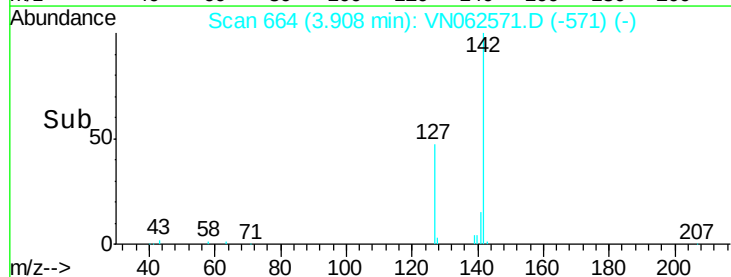
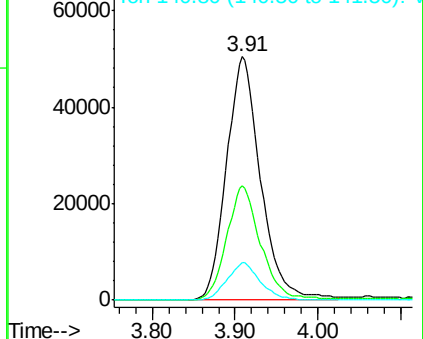
142 100

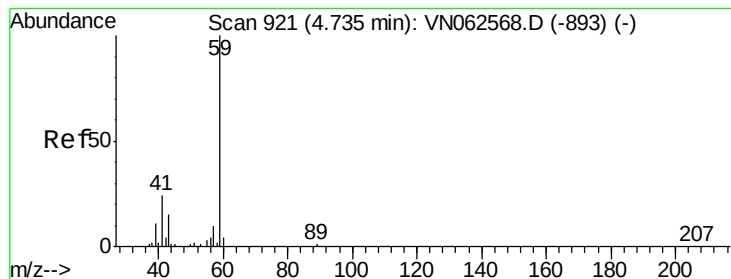
127 46.6 37.4 56.0

141 14.8 11.9 17.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 239.163 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

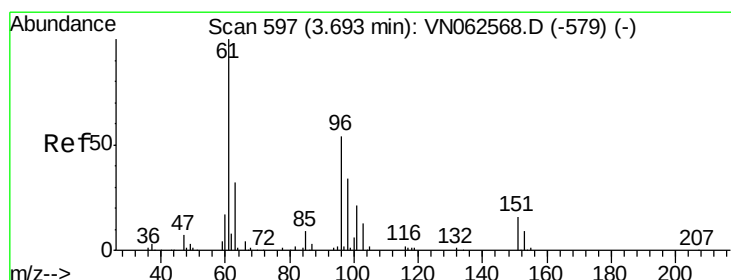
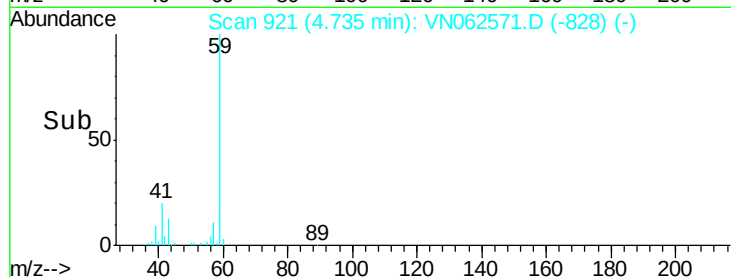
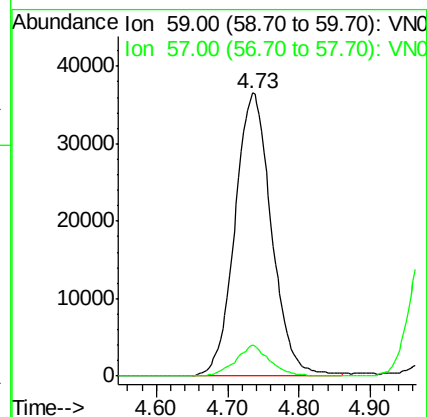
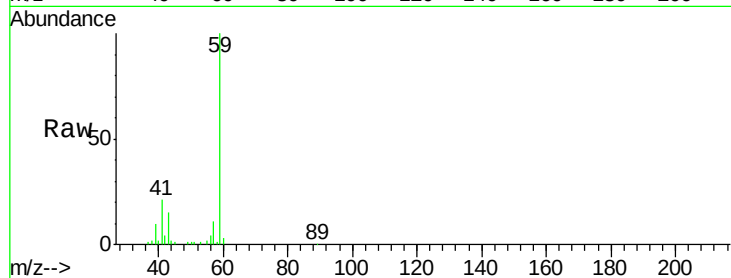
ICVVN072120

Tot Ion: 59 Resp: 130620

Ion Ratio Lower Upper

59 100

57 10.1 8.2 12.2



#12

1,1-Dichloroethene

Concen: 49.714 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

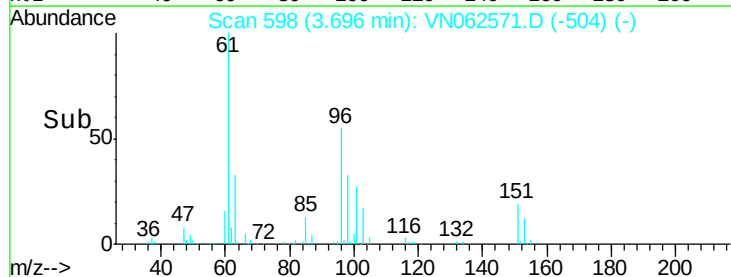
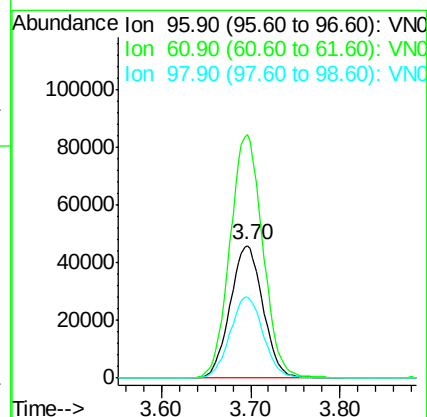
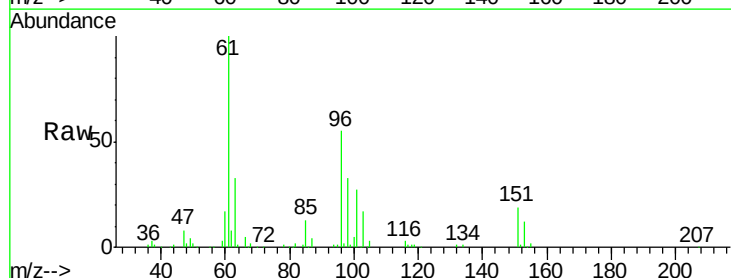
Tgt Ion: 96 Resp: 117643

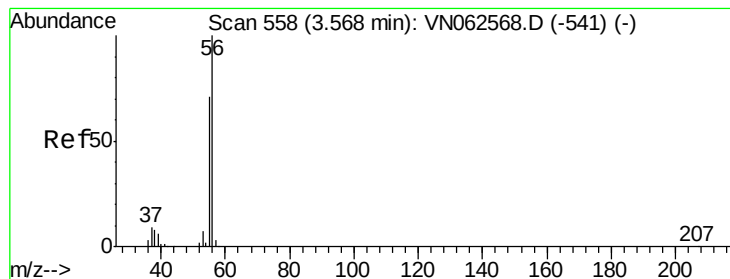
Ion Ratio Lower Upper

96 100

61 183.5 148.6 222.8

98 61.1 50.6 75.8





#13

Acrolein

Concen: 211.117 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampled :

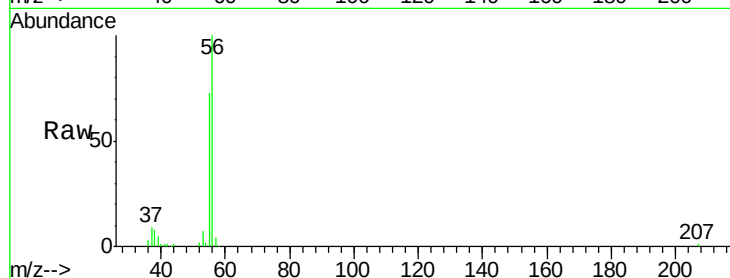
ICVVN072120

Tot Ion: 56 Resp: 119471

Ion Ratio Lower Upper

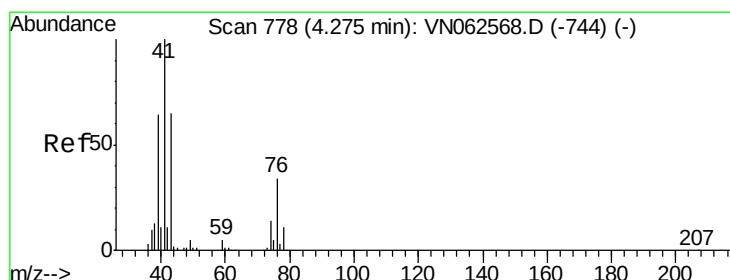
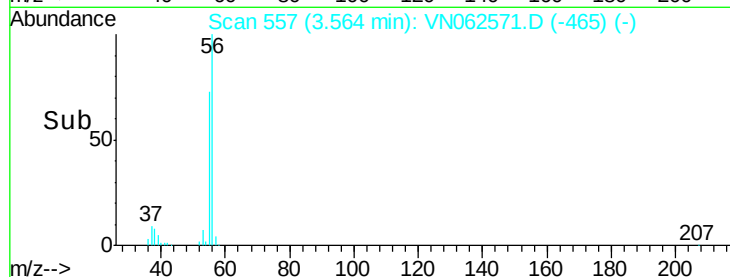
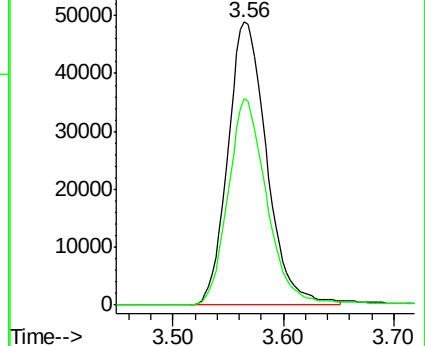
56 100

55 72.3 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 50.607 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

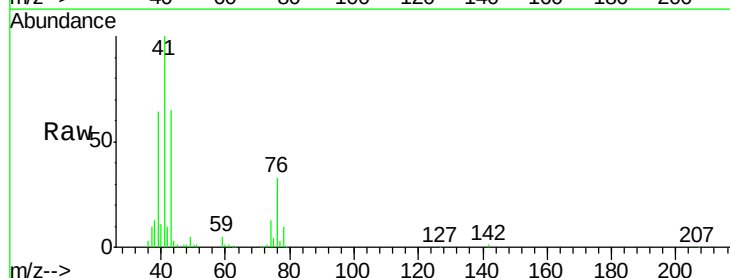
Tgt Ion: 41 Resp: 259045

Ion Ratio Lower Upper

41 100

39 60.2 49.0 73.4

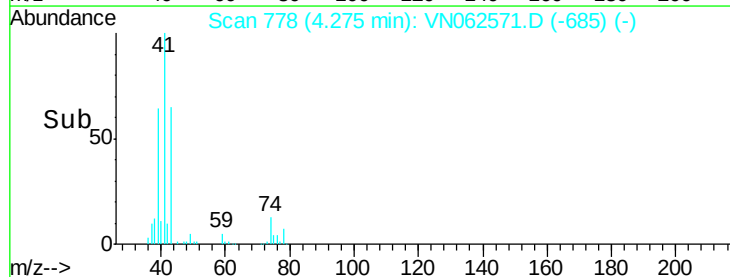
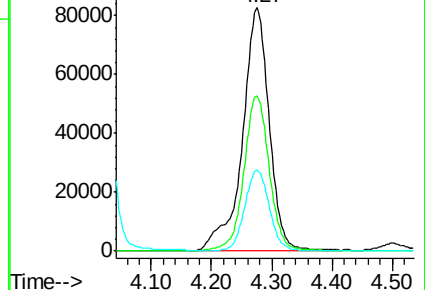
76 29.9 24.0 36.0

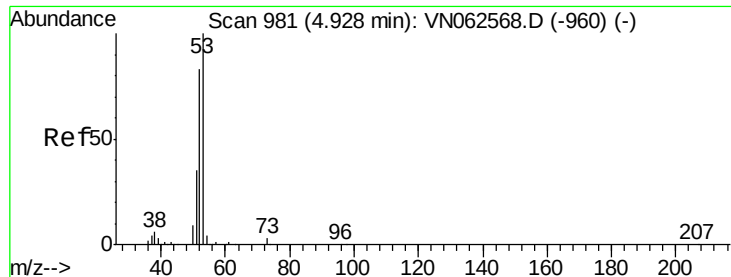


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 249.350 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072120

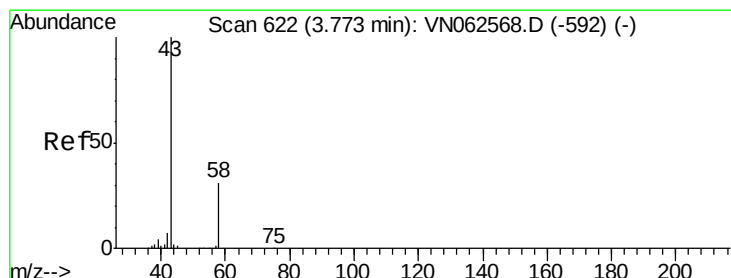
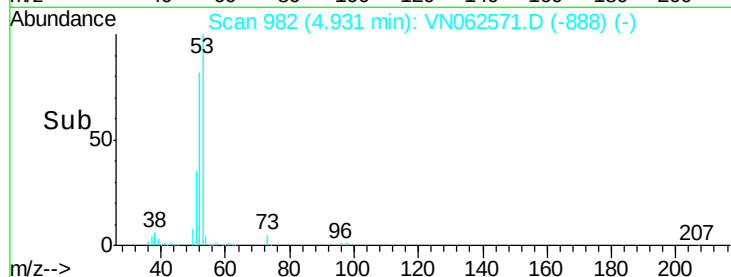
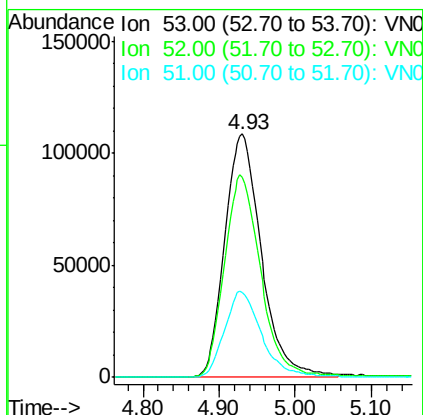
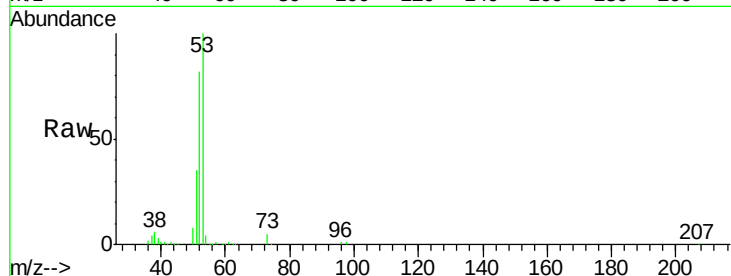
Tot Ion: 53 Resp: 364764

Ion Ratio Lower Upper

53 100

52 82.6 66.3 99.5

51 35.9 28.6 43.0



#16

Acetone

Concen: 267.719 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062571.D

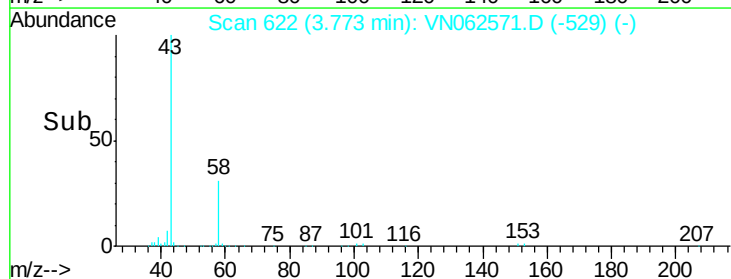
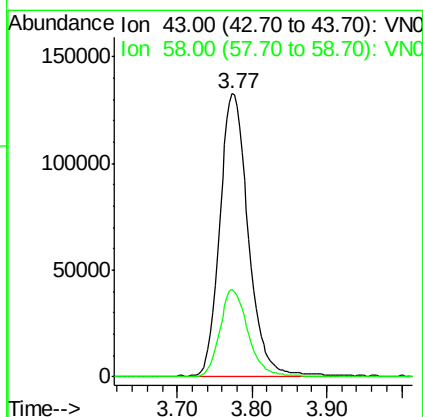
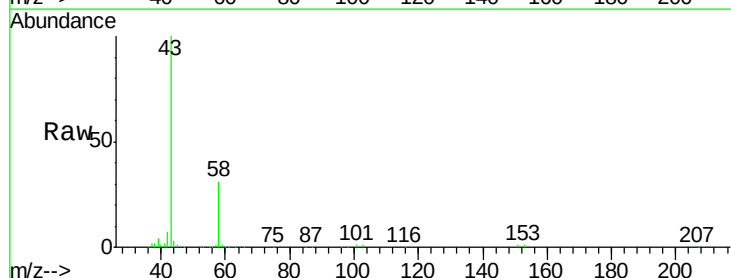
Acq: 21 Jul 2020 14:26

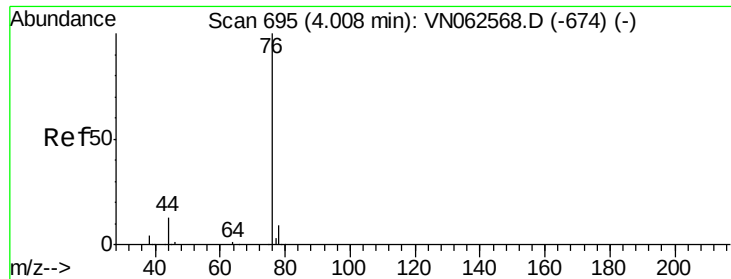
Tgt Ion: 43 Resp: 345877

Ion Ratio Lower Upper

43 100

58 31.1 24.6 37.0

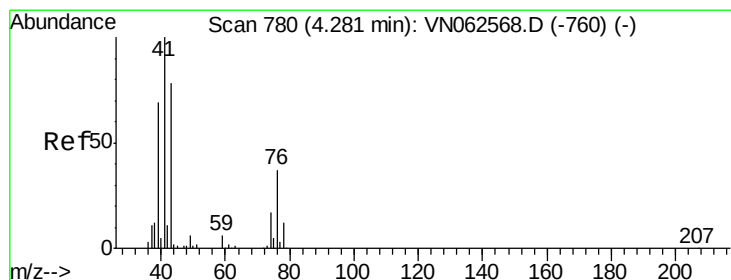
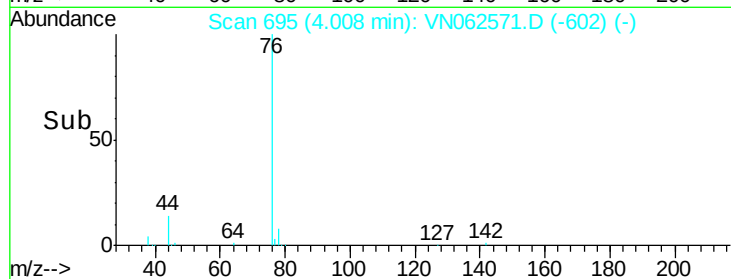
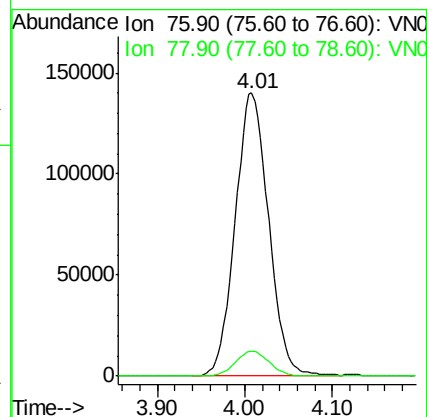
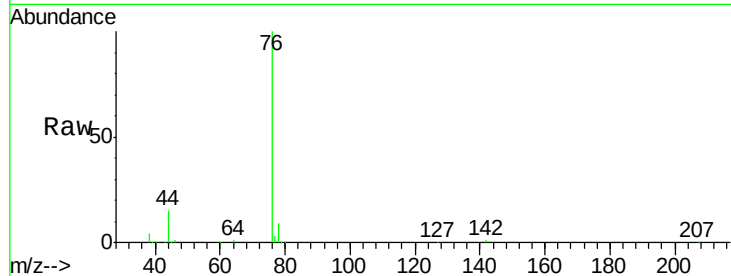




#17
Carbon Disulfide
Concen: 47.844 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

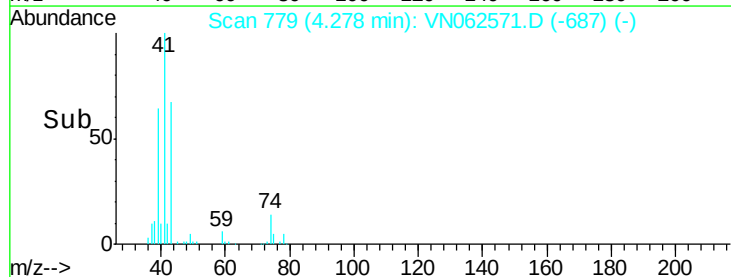
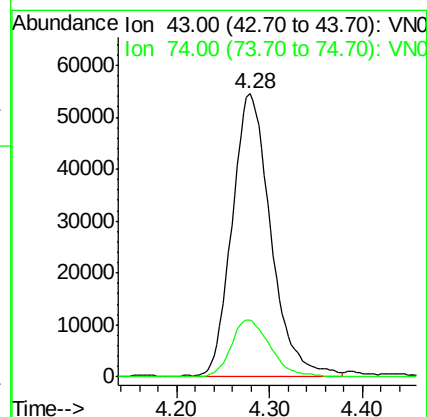
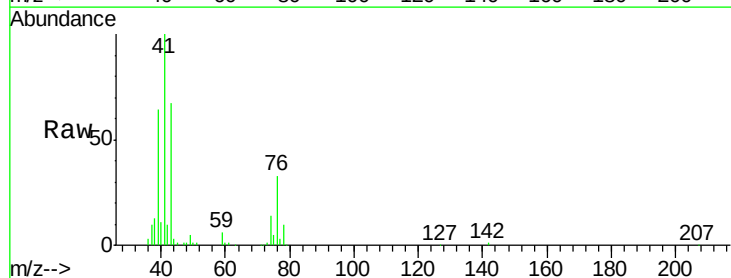
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

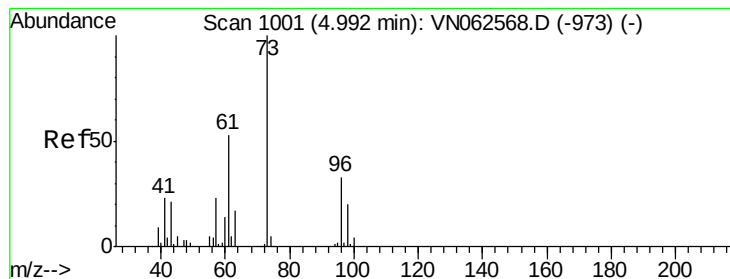
Tot Ion: 76 Resp: 371994
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 47.885 ug/l
RT: 4.28 min Scan# 779
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 43 Resp: 156615
Ion Ratio Lower Upper
43 100
74 20.6 16.6 24.8



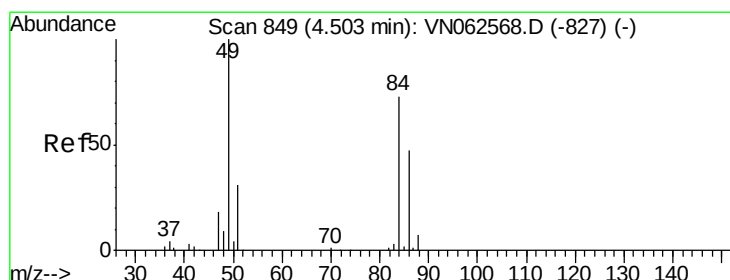
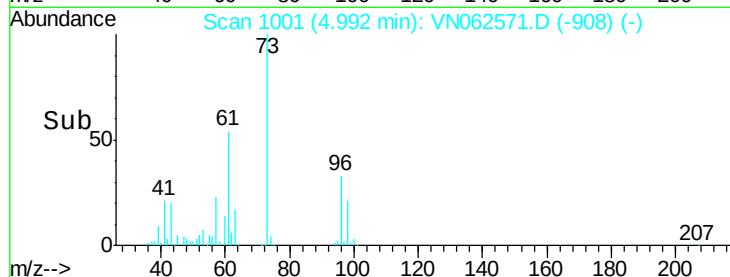
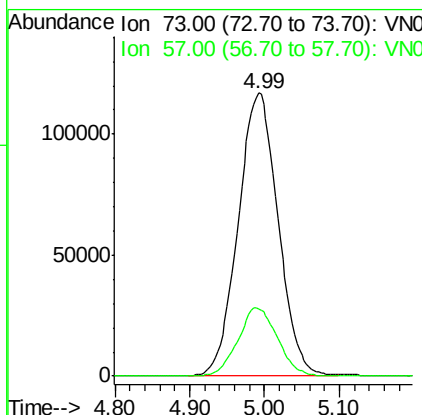
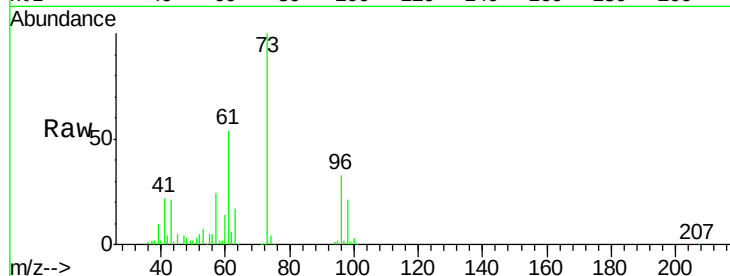


#19

Methvl tert-butvl Ether
 Concen: 49.920 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

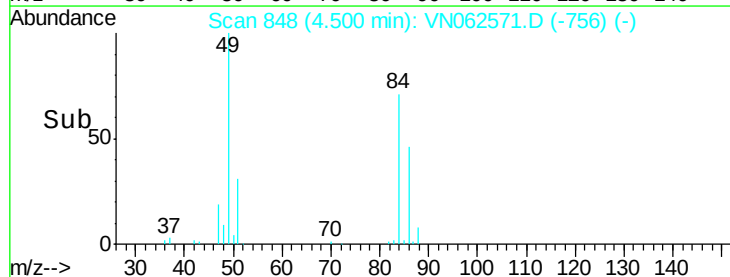
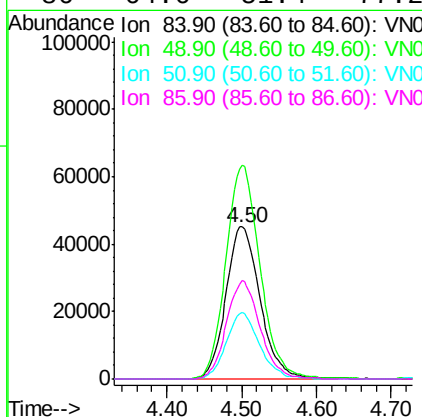
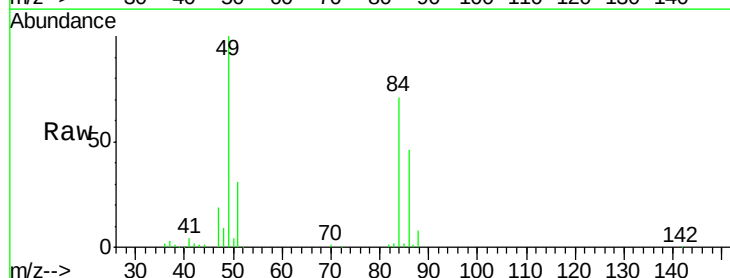
Tot Ion: 73 Resp: 434788
 Ion Ratio Lower Upper
 73 100
 57 23.7 18.6 27.8

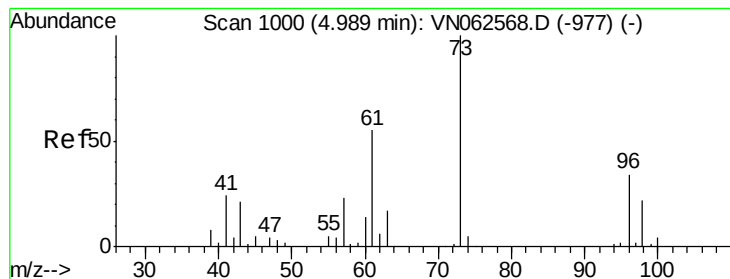


#20

Methylene Chloride
 Concen: 46.353 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion: 84 Resp: 143629
 Ion Ratio Lower Upper
 84 100
 49 140.6 109.4 164.0
 51 43.8 33.6 50.4
 86 64.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 49.424 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072120

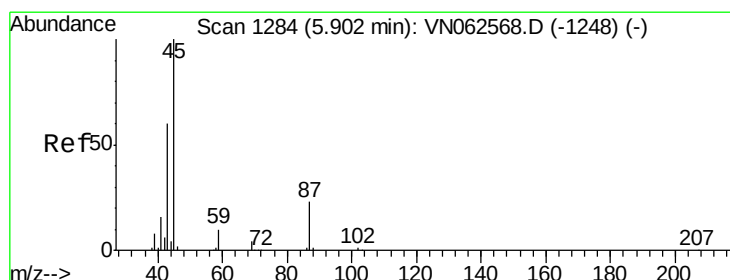
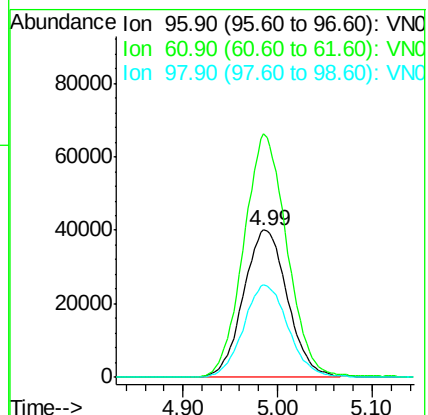
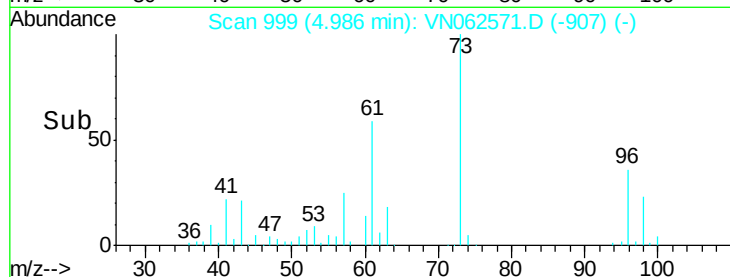
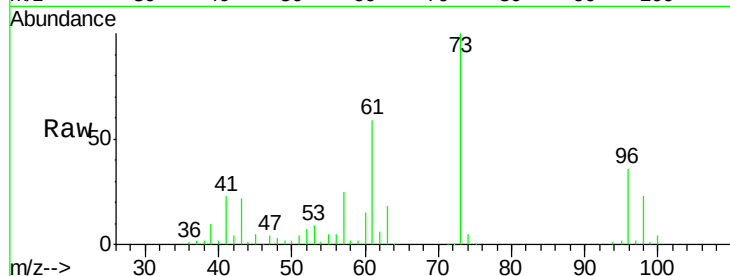
Tot Ion: 96 Resp: 129809

Ion Ratio Lower Upper

96 100

61 165.5 128.6 192.8

98 63.2 50.6 76.0



#22

Diisopropyl ether

Concen: 50.085 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Tgt Ion: 45 Resp: 509597

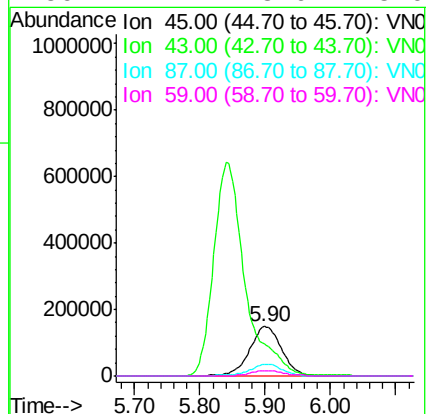
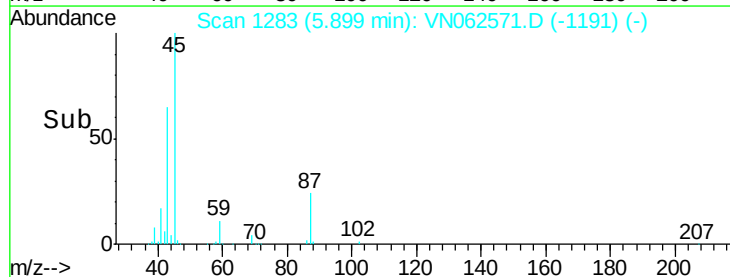
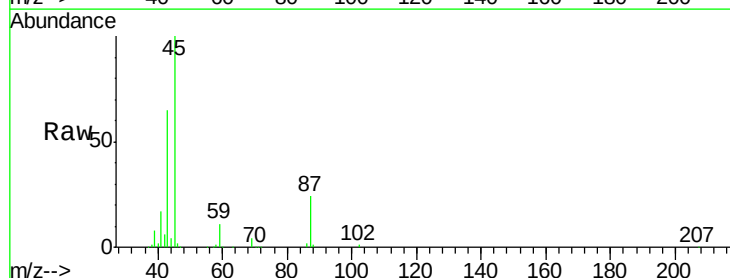
Ion Ratio Lower Upper

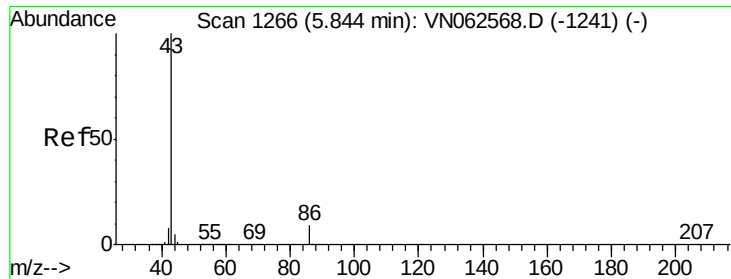
45 100

43 63.1 48.7 73.1

87 24.2 19.0 28.6

59 11.1 8.6 13.0

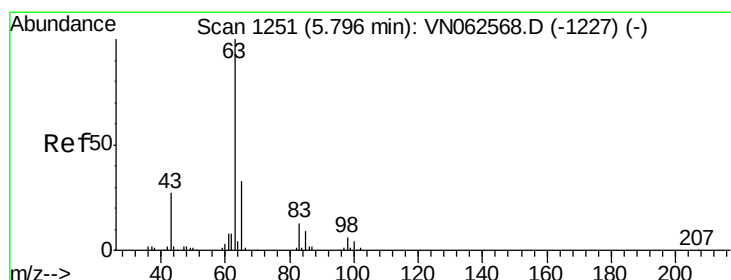
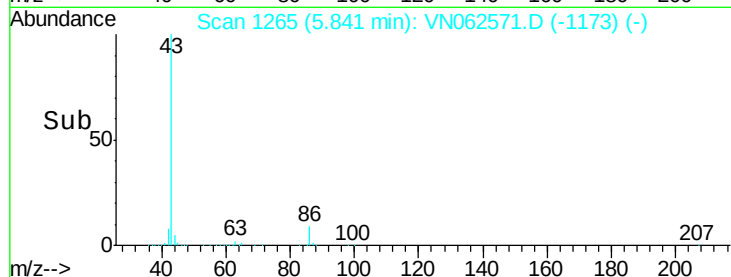
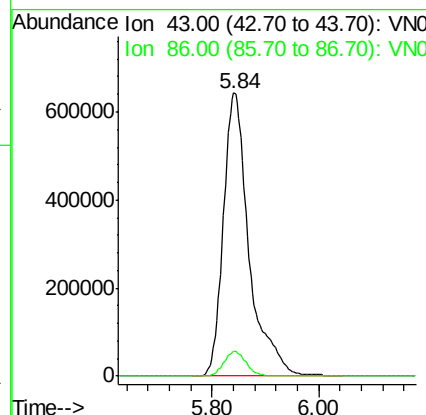
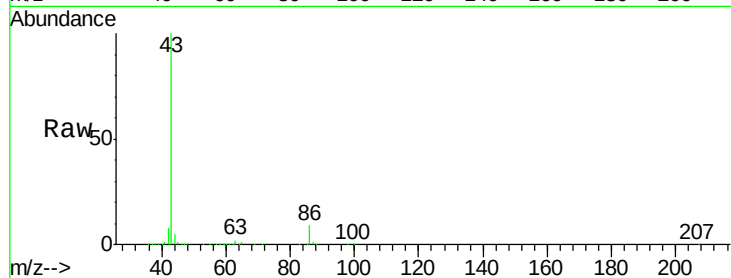




#23
 Vinyl Acetate
 Concen: 258.980 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

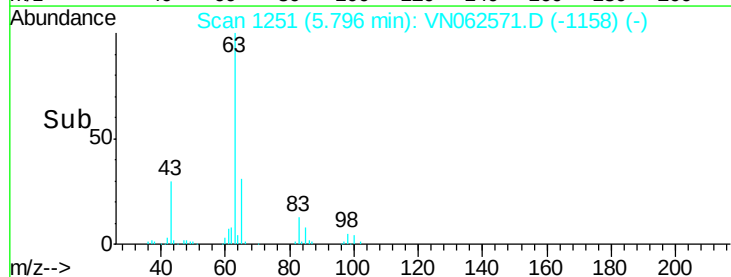
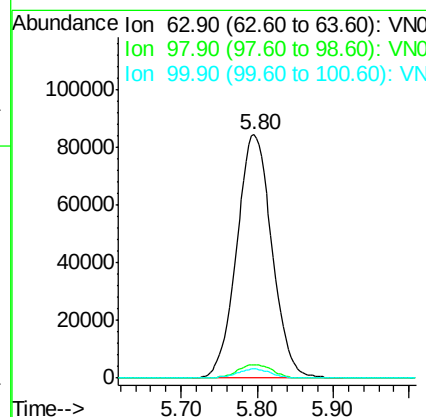
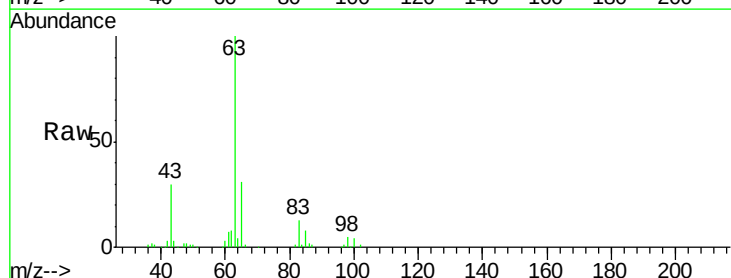
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

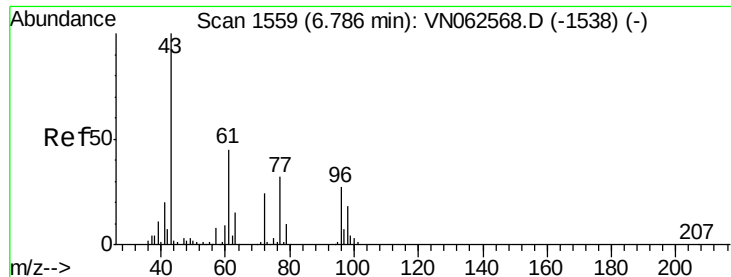
Tot Ion: 43 Resp: 2159116
 Ion Ratio Lower Upper
 43 100
 86 8.6 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 49.507 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion: 63 Resp: 271249
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.9 8.8
 100 3.9 1.8 5.4

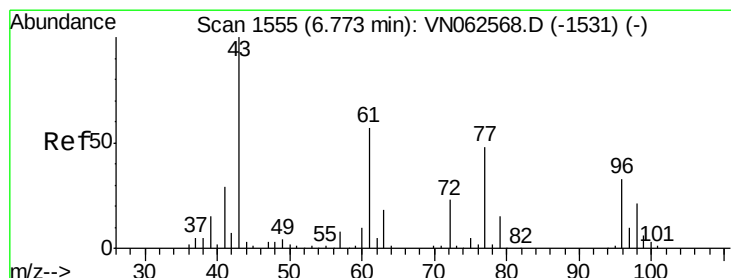
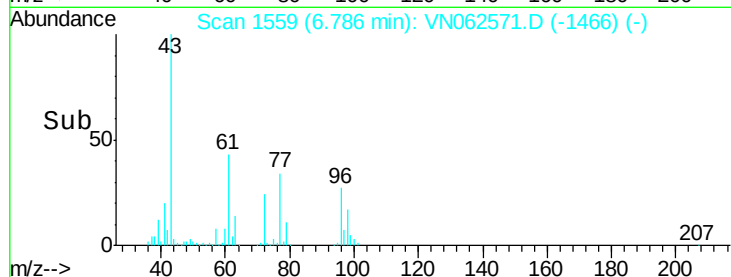
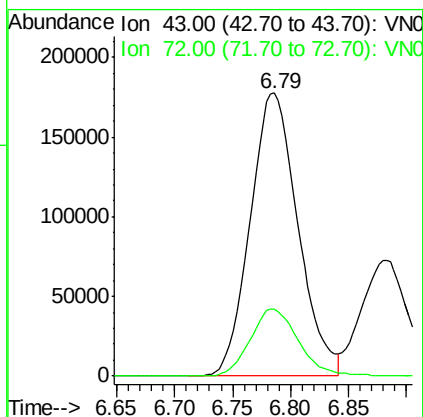
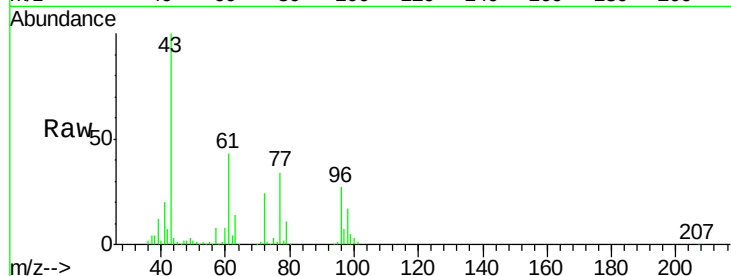




#25
2-Butanone
Concen: 257.904 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

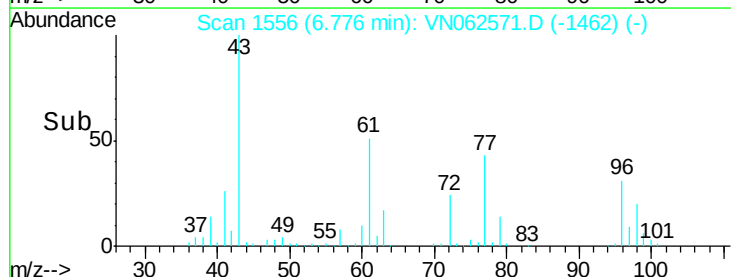
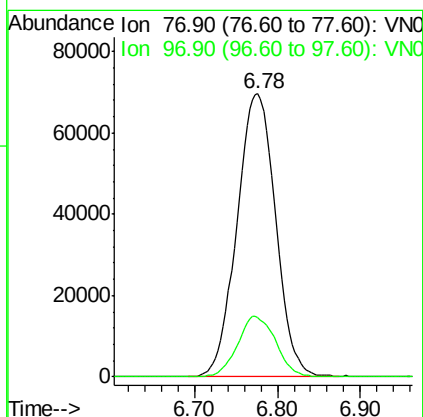
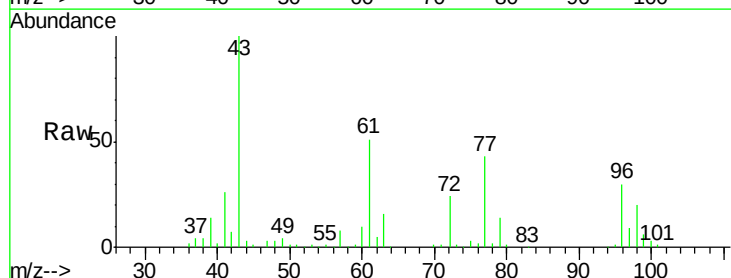
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

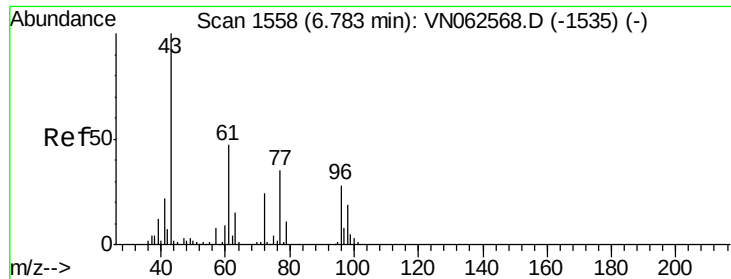
Tot Ion: 43 Resp: 507450
Ion Ratio Lower Upper
43 100
72 23.8 19.0 28.6



#26
2,2-Dichloropropane
Concen: 50.235 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 77 Resp: 225946
Ion Ratio Lower Upper
77 100
97 21.1 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 48.913 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

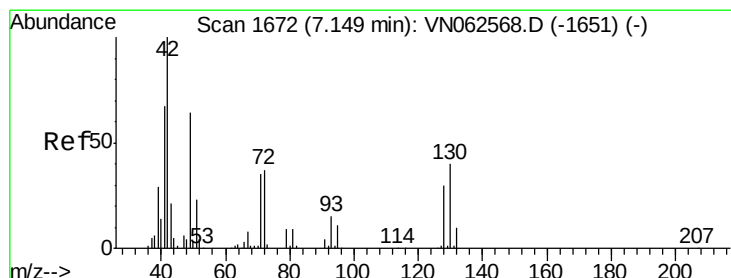
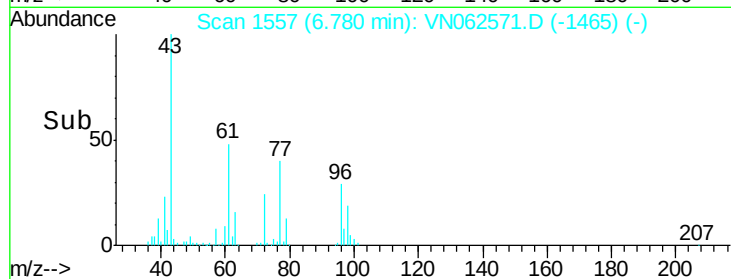
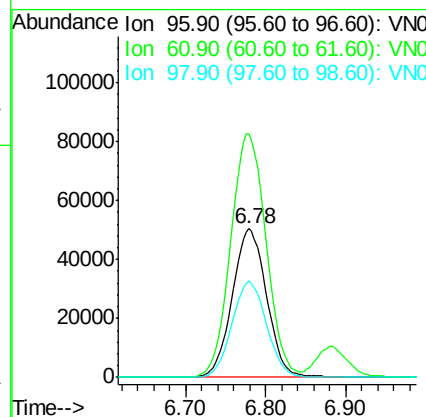
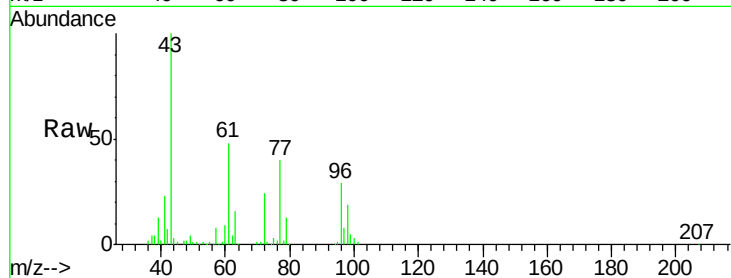
Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampled :
ICVVN072120

Tot Ion: 96 Resp: 146591

Ion	Ratio	Lower	Upper
96	100		
61	169.1	0.0	332.4
98	65.2	0.0	127.4



#28

Bromochloromethane

Concen: 50.061 ug/l

RT: 7.15 min Scan# 1672

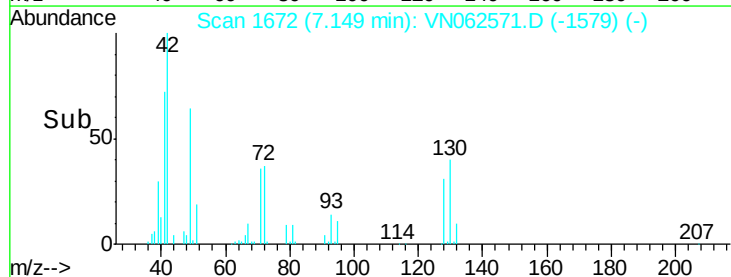
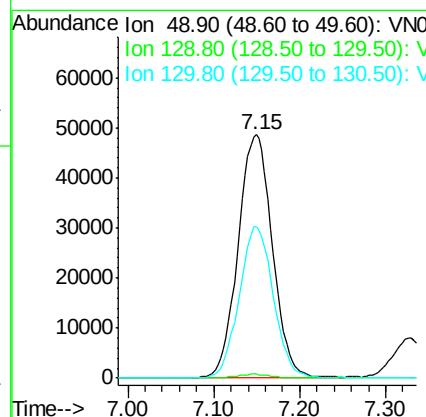
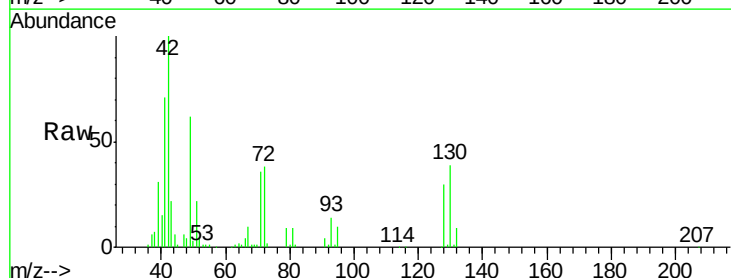
Delta R.T. -0.00 min

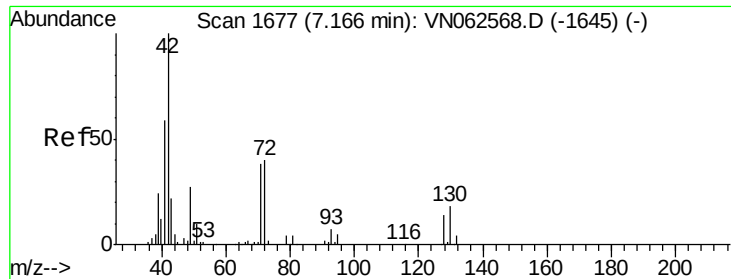
Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Tgt Ion: 49 Resp: 134986

Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	3.4
130	61.7	49.8	74.8

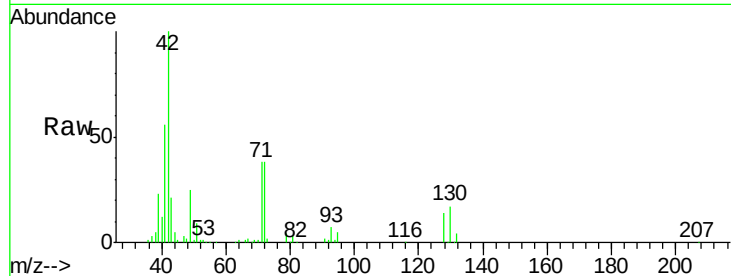




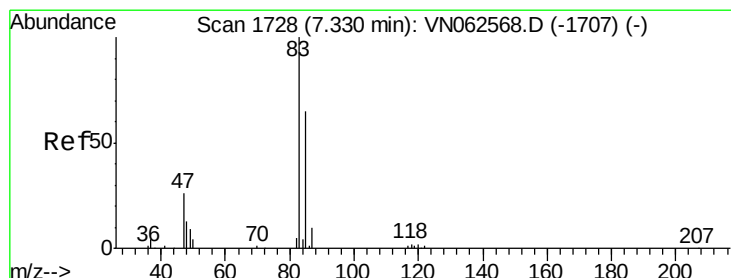
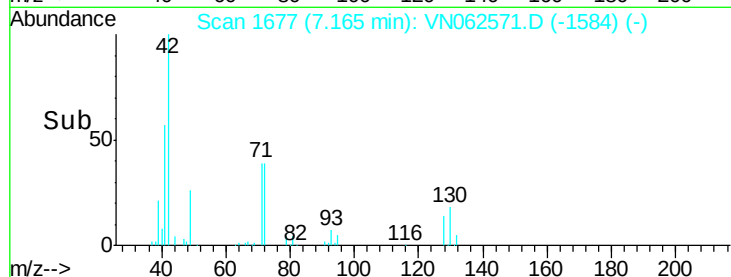
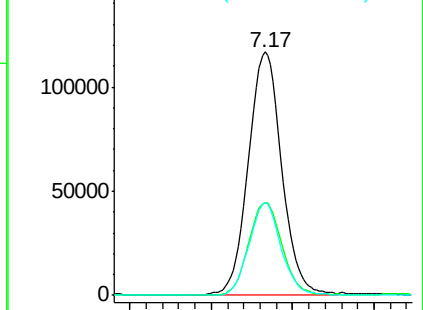
#29
Tetrahydrofuran
Concen: 246.973 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion: 42 Resp: 328816
Ion Ratio Lower Upper
42 100
72 38.4 30.7 46.1
71 36.6 29.1 43.7

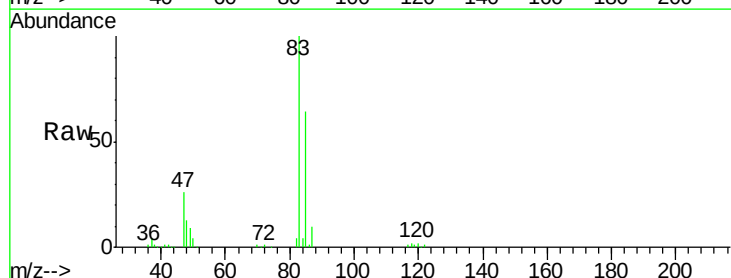


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

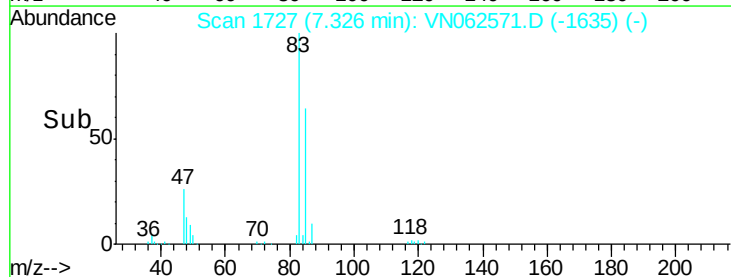
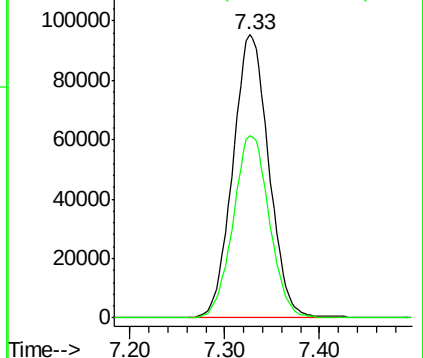


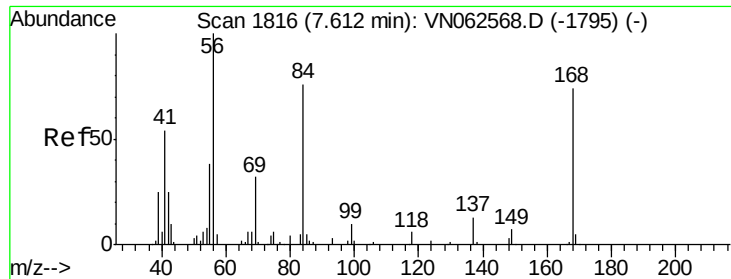
#30
Chloroform
Concen: 48.310 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 83 Resp: 251672
Ion Ratio Lower Upper
83 100
85 64.4 52.0 78.0



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

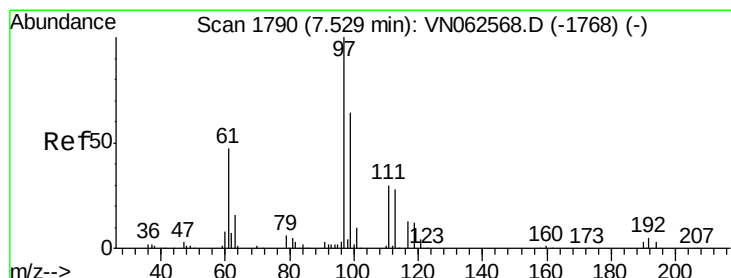
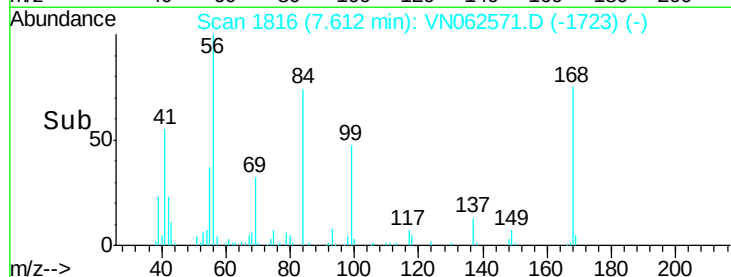
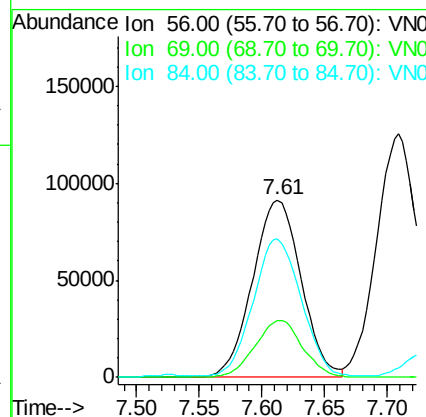
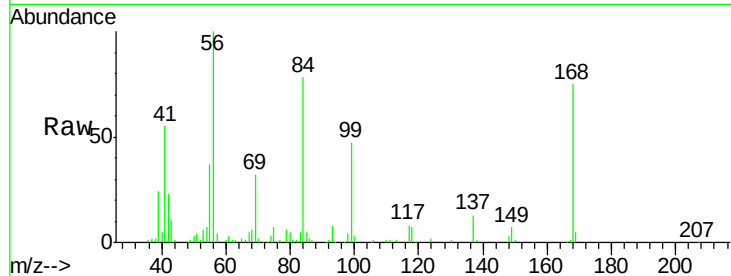




#31
Cyclohexane
Concen: 48.675 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

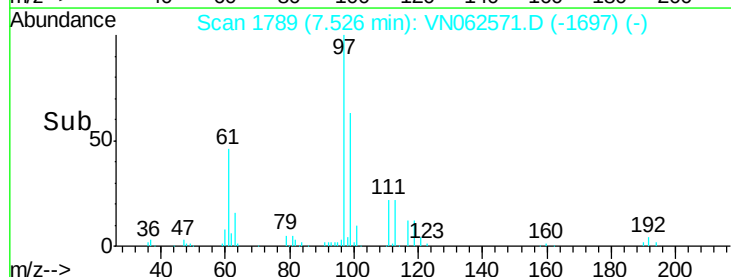
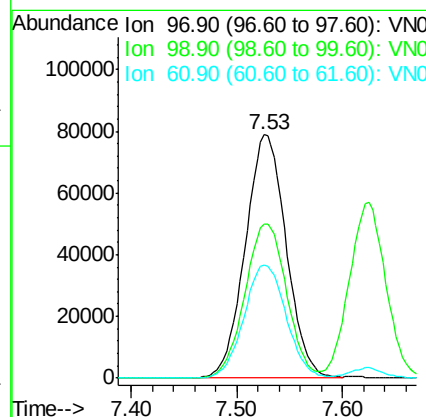
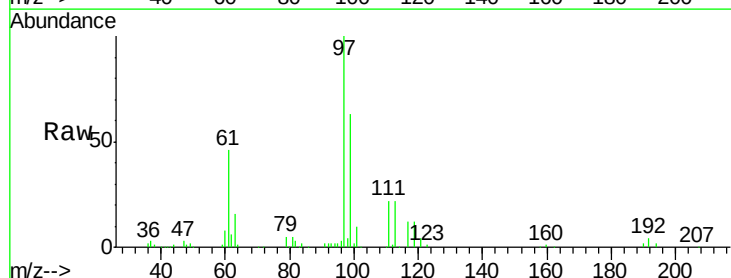
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

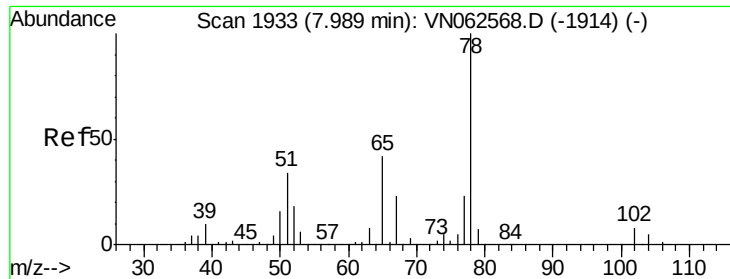
Tot Ion: 56 Resp: 246234
Ion Ratio Lower Upper
56 100
69 31.6 25.3 37.9
84 76.9 61.0 91.4



#32
1,1,1-Trichloroethane
Concen: 48.985 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 97 Resp: 213057
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 47.8 38.4 57.6

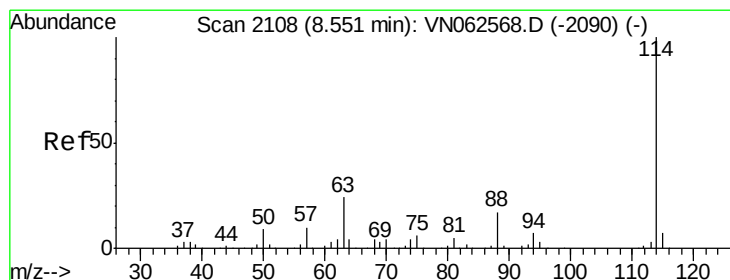
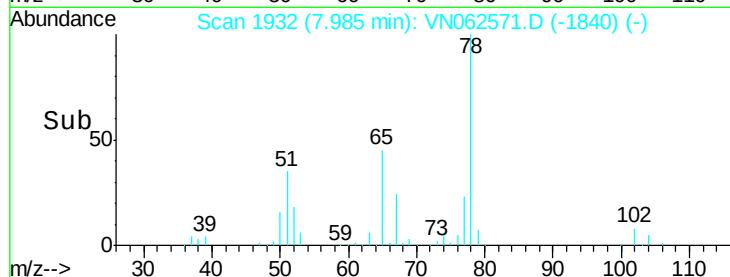
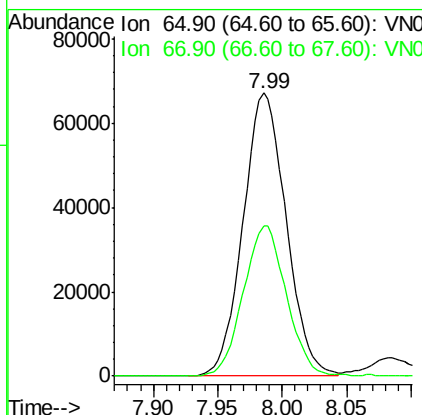
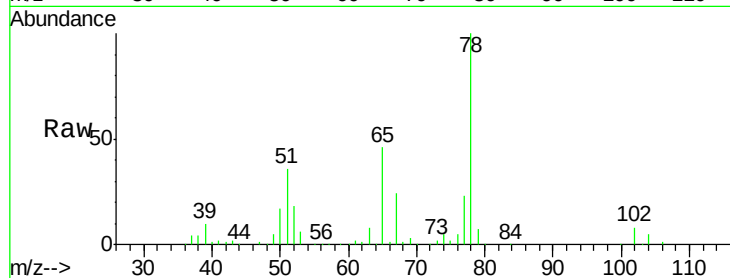




#33
 1,2-Dichloroethane-d4
 Concen: 45.534 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

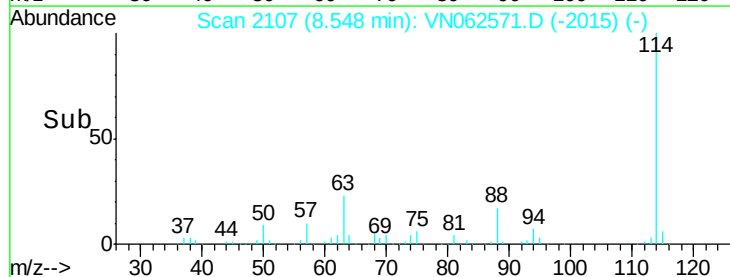
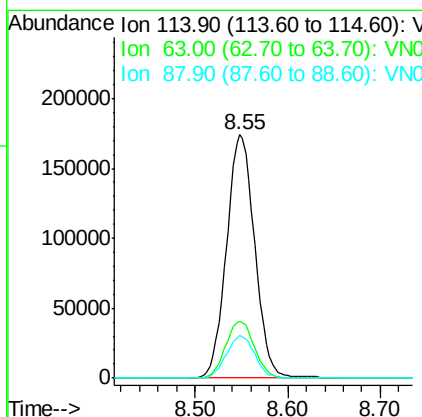
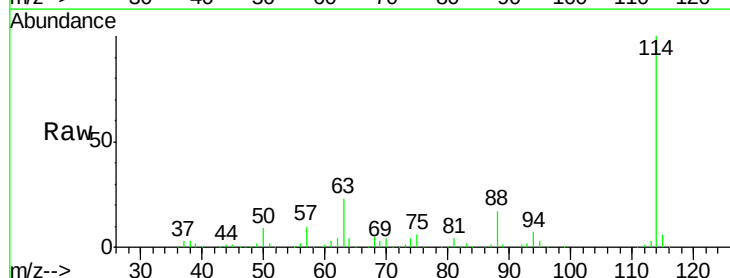
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

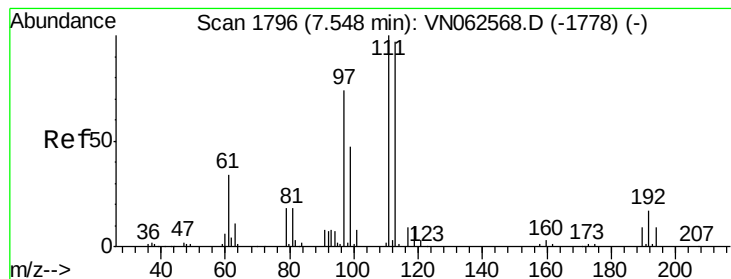
Tot Ion: 65 Resp: 156329
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion: 114 Resp: 365764
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 48.4
 88 17.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.684 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072120

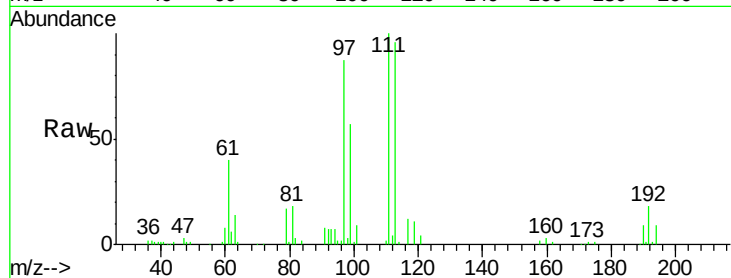
Tot Ion:113 Resp: 112160

Ion Ratio Lower Upper

113 100

111 101.3 82.7 124.1

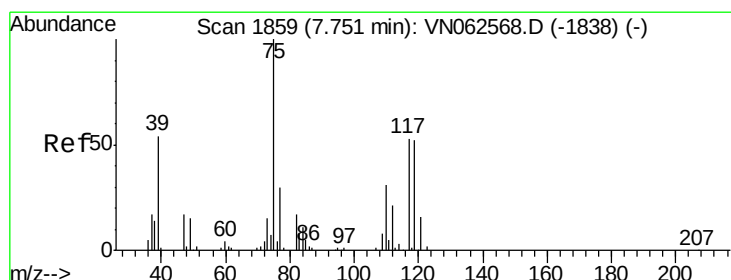
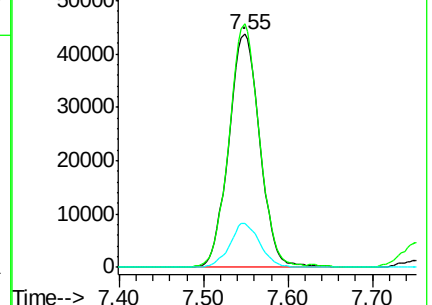
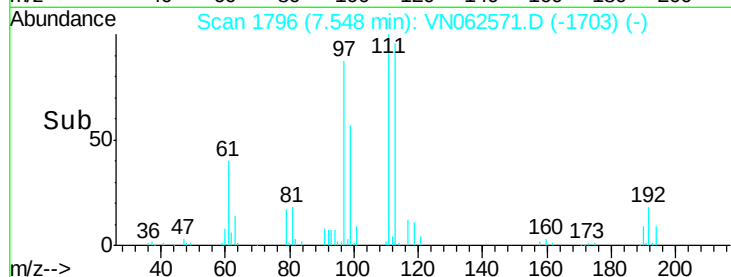
192 18.2 14.8 22.2



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: 50.762 ug/l

RT: 7.75 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

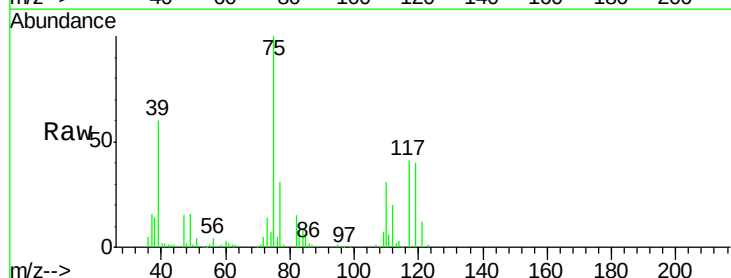
Tgt Ion: 75 Resp: 197904

Ion Ratio Lower Upper

75 100

110 31.8 16.0 48.0

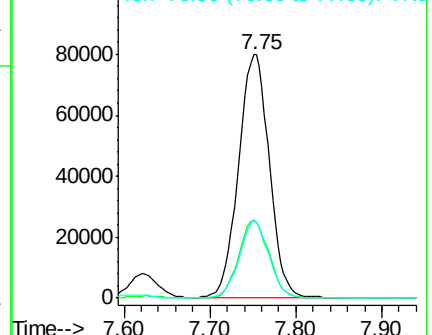
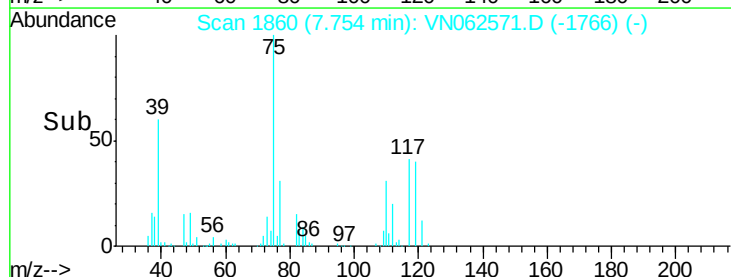
77 30.7 24.6 36.8

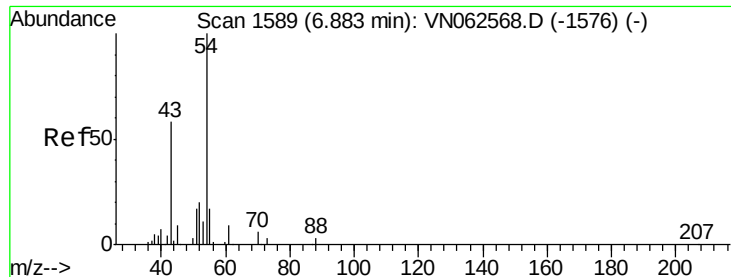


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

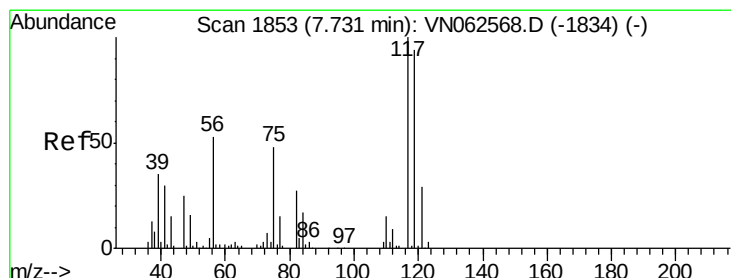
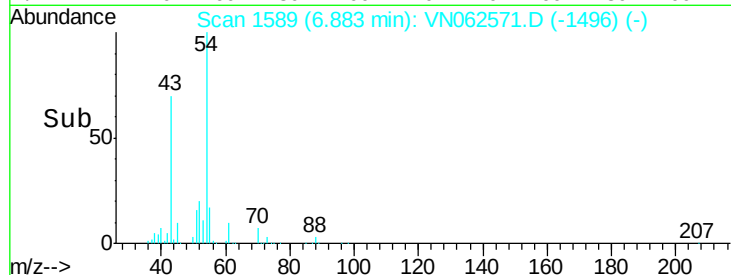
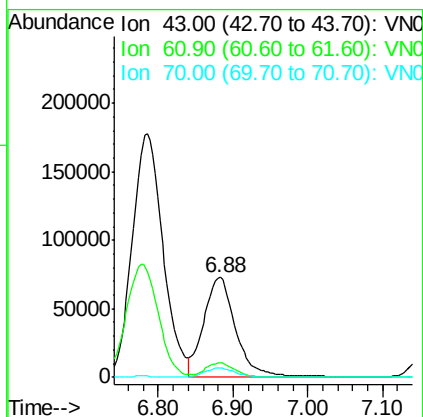
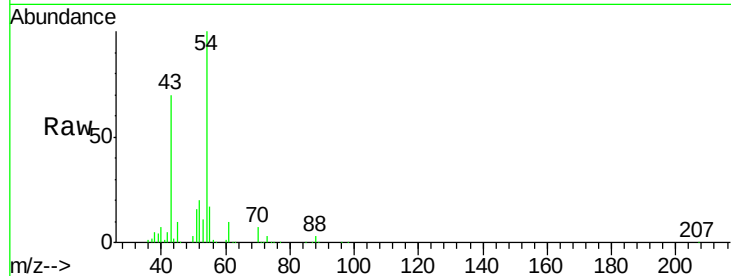




#37
Ethyl Acetate
Concen: 50.782 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

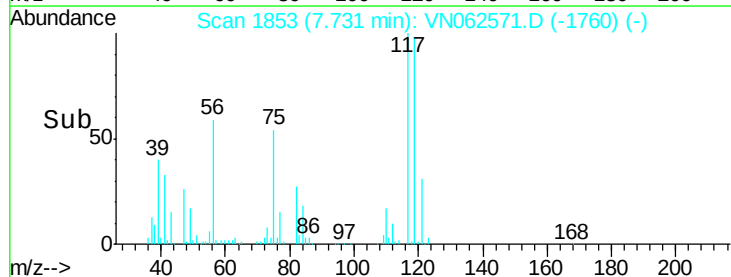
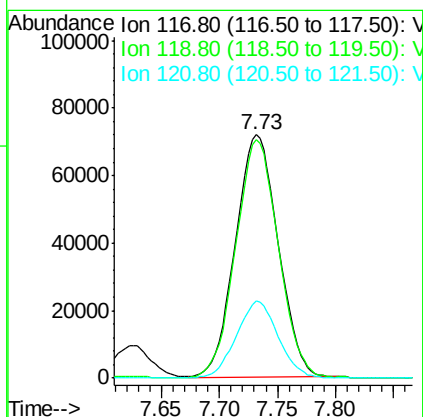
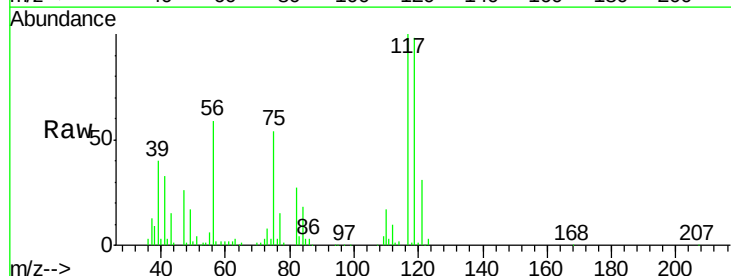
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

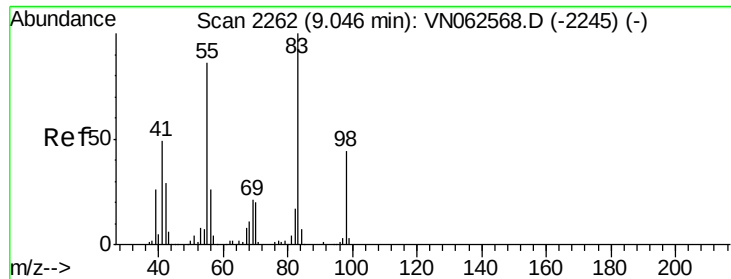
Tot Ion: 43 Resp: 213412
Ion Ratio Lower Upper
43 100
61 13.4 11.3 16.9
70 9.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 49.233 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 117 Resp: 184500
Ion Ratio Lower Upper
117 100
119 98.1 74.8 112.2
121 31.6 23.0 34.6

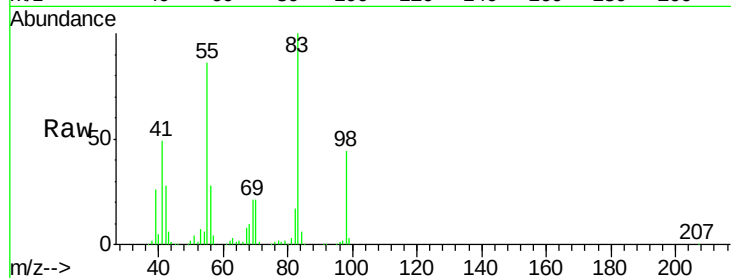




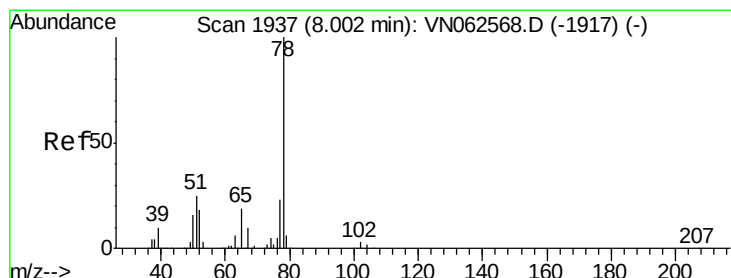
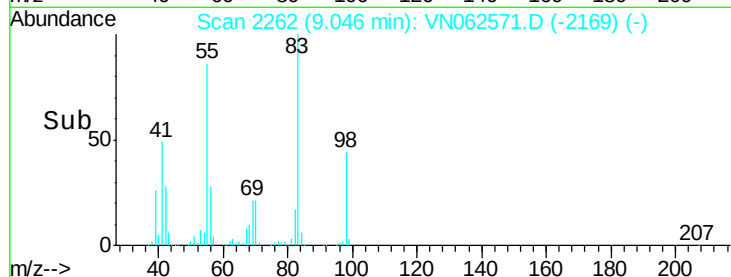
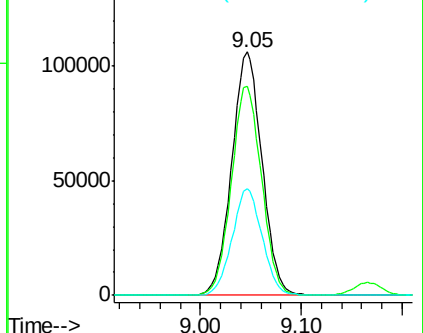
#39
Methylvlcyclohexane
Concen: 52.781 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion: 83 Resp: 221507
Ion Ratio Lower Upper
83 100
55 86.1 68.9 103.3
98 44.0 35.1 52.7

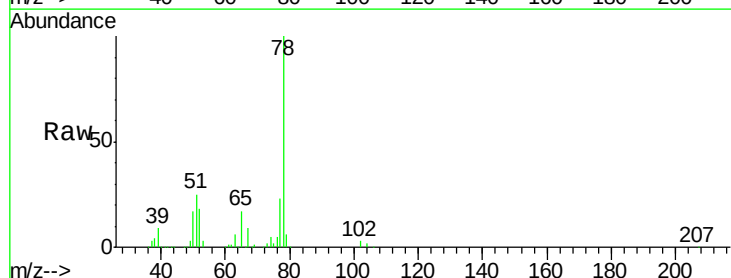


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

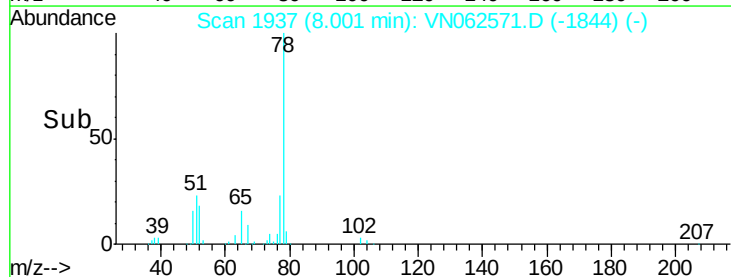
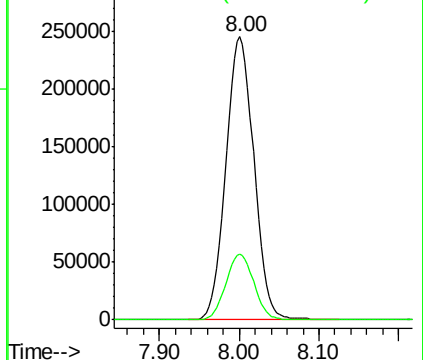


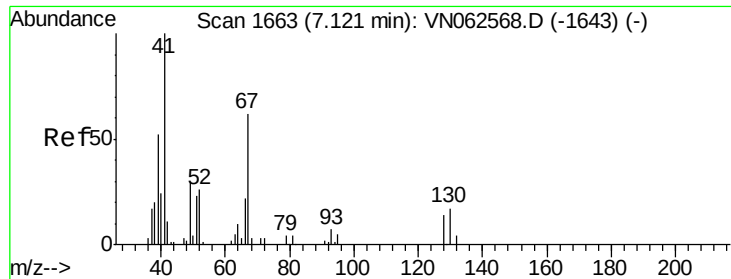
#40
Benzene
Concen: 49.554 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 78 Resp: 584891
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1



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

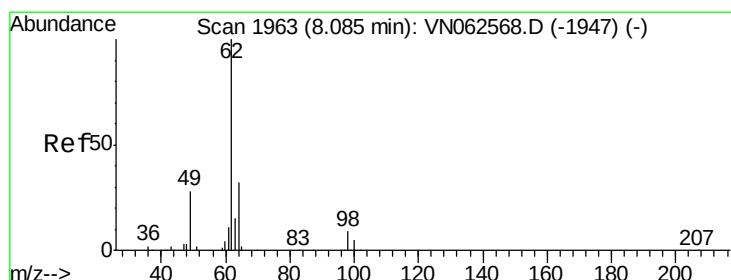
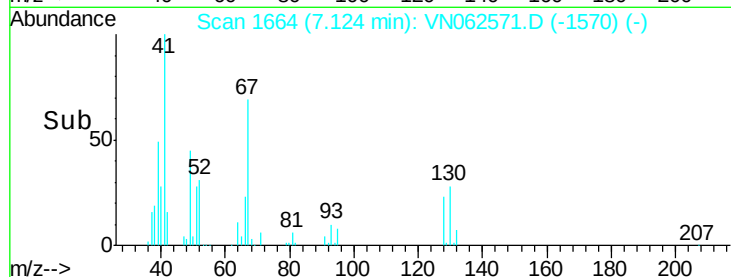
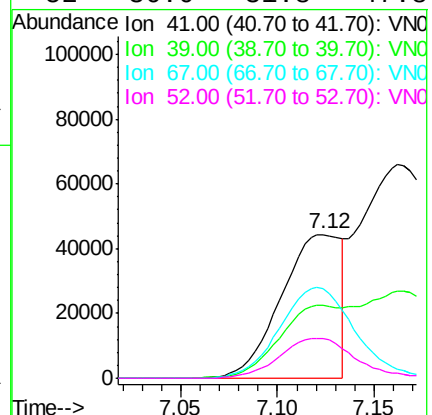
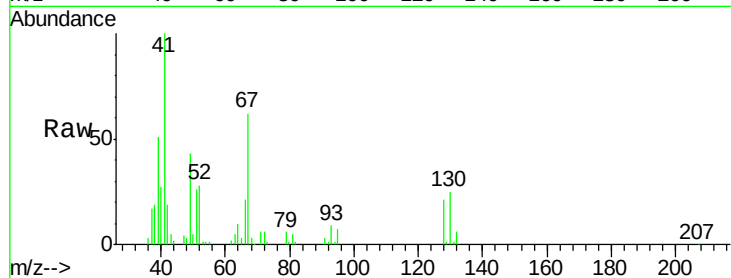




#41
Methacrylonitrile
Concen: 53.244 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

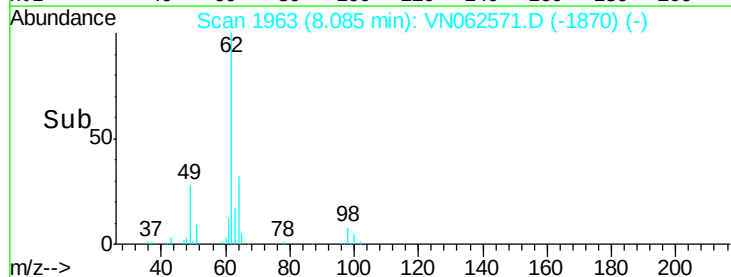
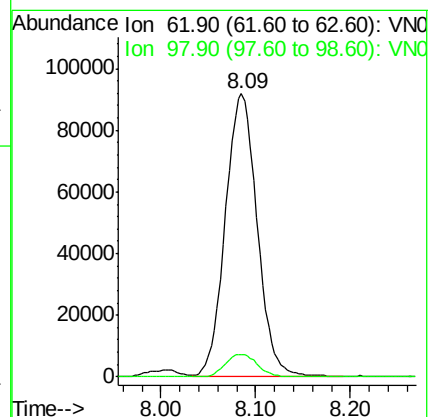
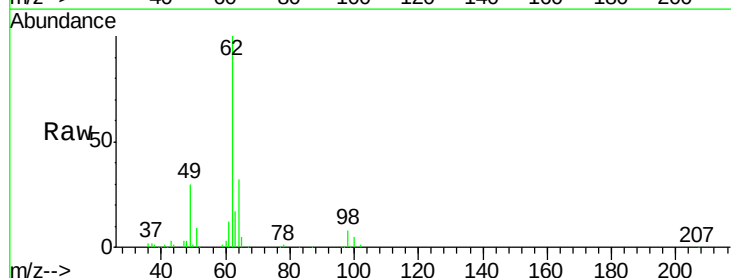
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

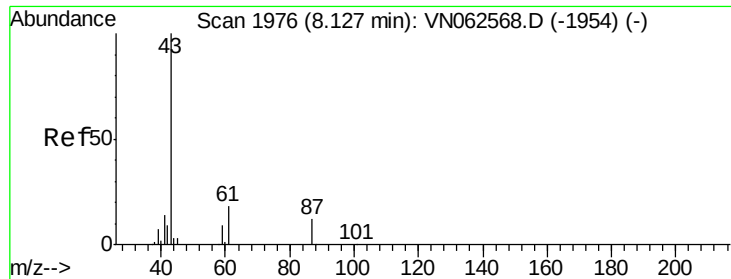
Tot Ion: 41 Resp: 95900
Ion Ratio Lower Upper
41 100
39 51.6 55.8 83.6#
67 79.7 72.5 108.7
52 36.0 31.8 47.8



#42
1,2-Dichloroethane
Concen: 49.618 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 62 Resp: 214105
Ion Ratio Lower Upper
62 100
98 8.0 0.0 16.2





#43

Isopropyl Acetate

Concen: 50.834 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072120

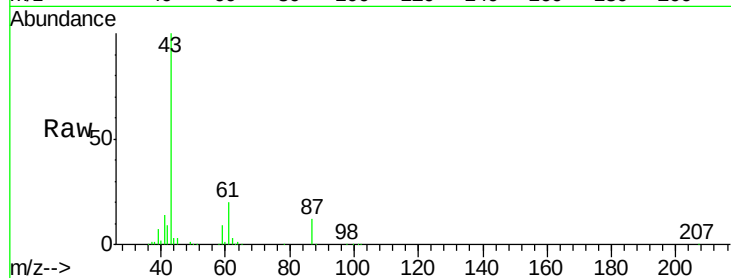
Tot Ion: 43 Resp: 344391

Ion Ratio Lower Upper

43 100

61 19.4 20.8 31.2#

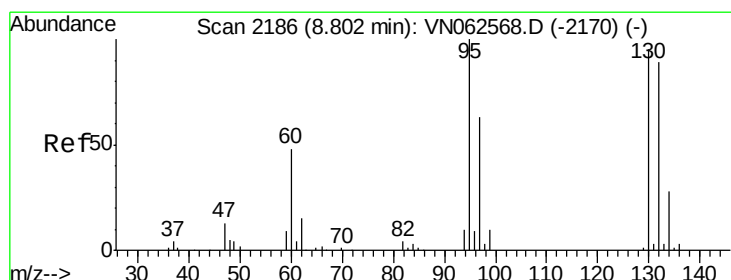
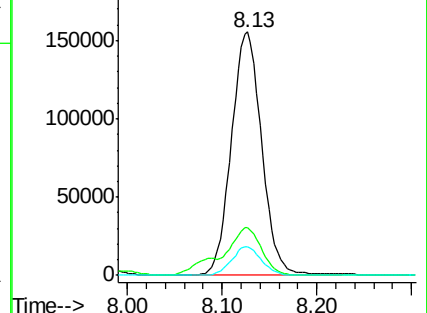
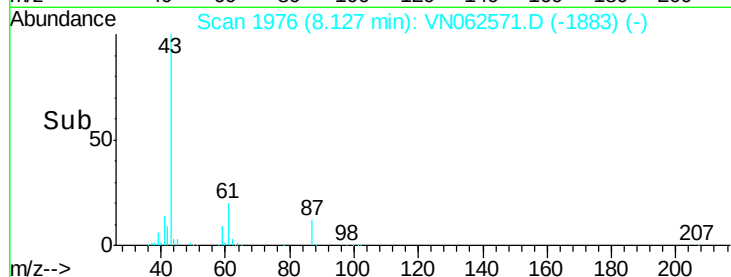
87 11.5 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1954) (-)

Ion 61.00 (60.70 to 61.70): VN062568.D (-1954) (-)

Ion 87.00 (86.70 to 87.70): VN062568.D (-1954) (-)



#44

Trichloroethene

Concen: 49.572 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062571.D

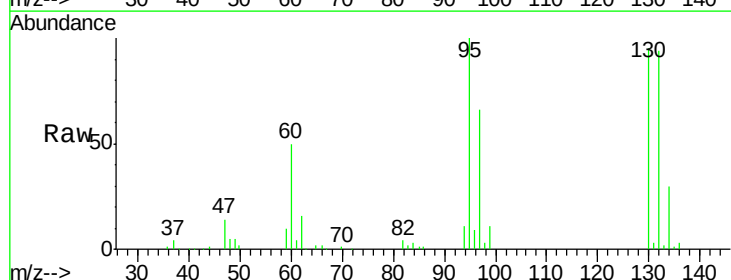
Acq: 21 Jul 2020 14:26

Tgt Ion:130 Resp: 131946

Ion Ratio Lower Upper

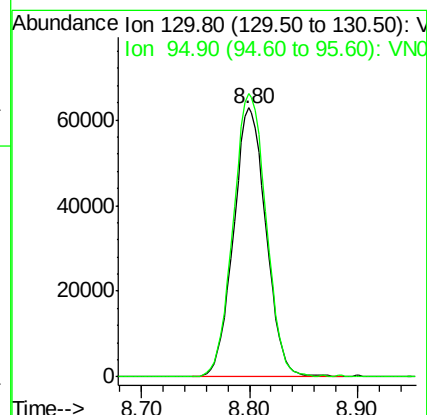
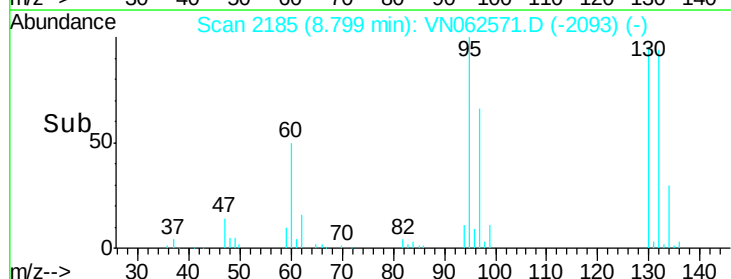
130 100

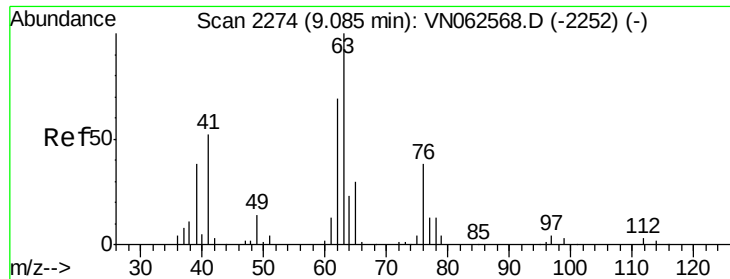
95 105.1 0.0 210.4



Abundance Ion 129.80 (129.50 to 130.50): VN062568.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062568.D (-2170) (-)

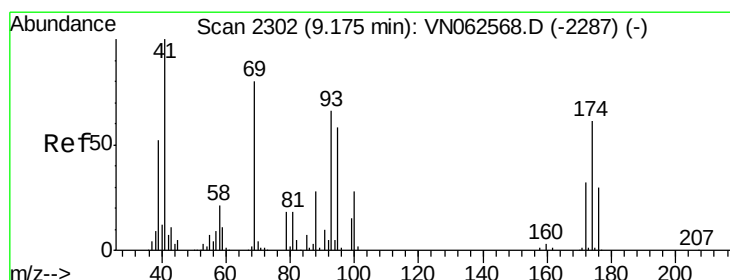
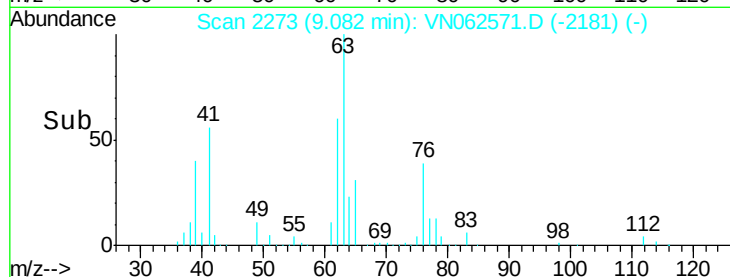
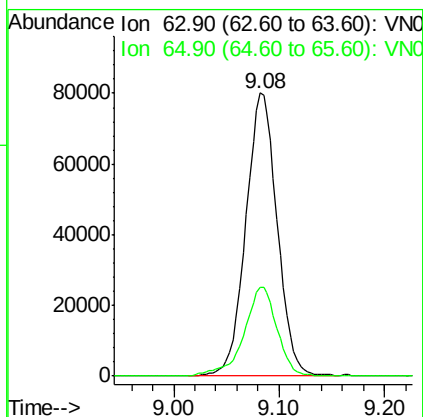
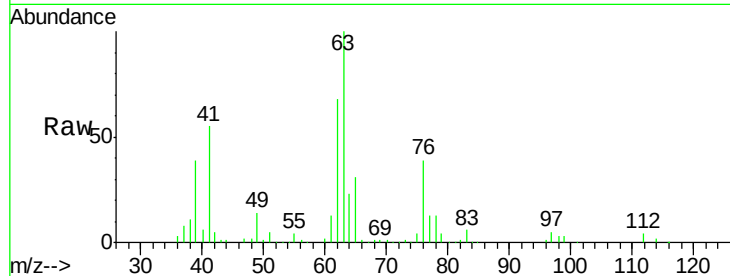




#45
 1,2-Dichloropropane
 Concen: 50.085 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

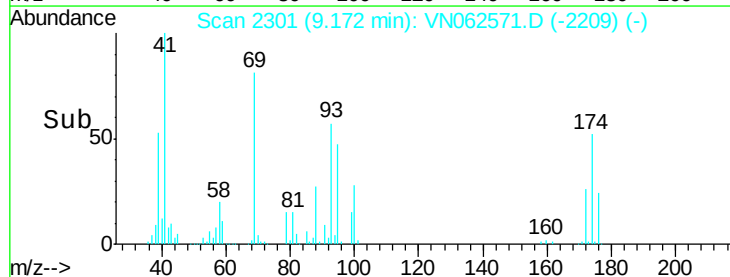
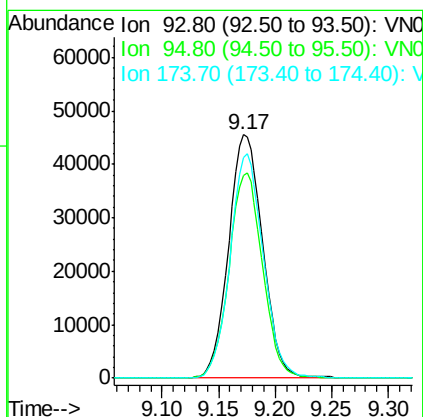
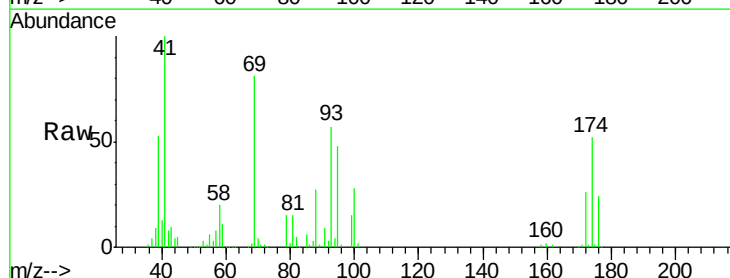
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

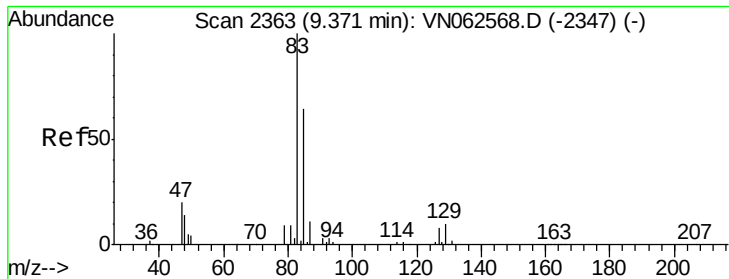
Tot Ion: 63 Resp: 165978
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.4 36.6



#46
 Dibromomethane
 Concen: 49.821 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion: 93 Resp: 95426
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.6 101.4
 174 90.0 72.5 108.7





#47

Bromodichloromethane

Concen: 50.085 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampled :

ICVVN072120

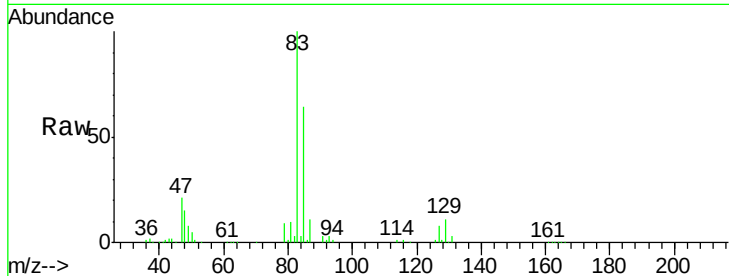
Tot Ion: 83 Resp: 207831

Ion Ratio Lower Upper

83 100

85 64.3 51.6 77.4

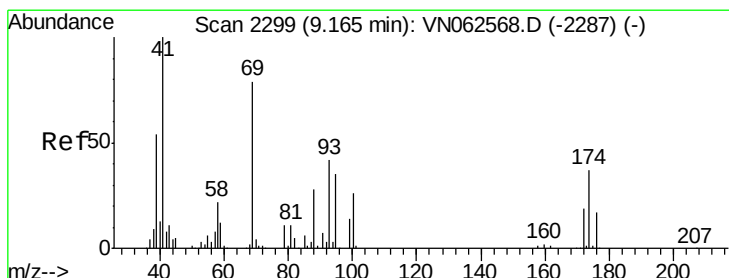
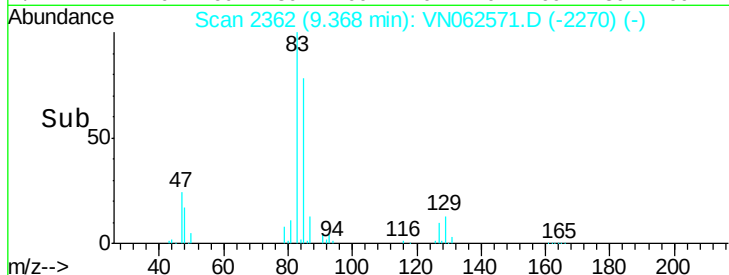
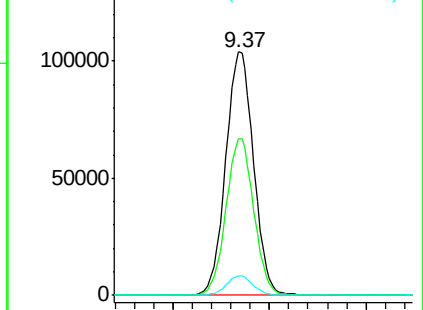
127 7.9 6.2 9.2



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: 51.042 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

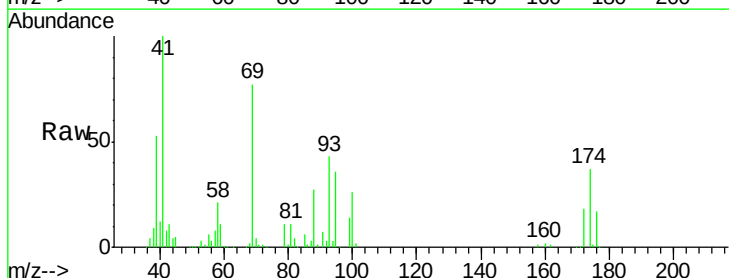
Tgt Ion: 41 Resp: 164382

Ion Ratio Lower Upper

41 100

69 81.5 64.4 96.6

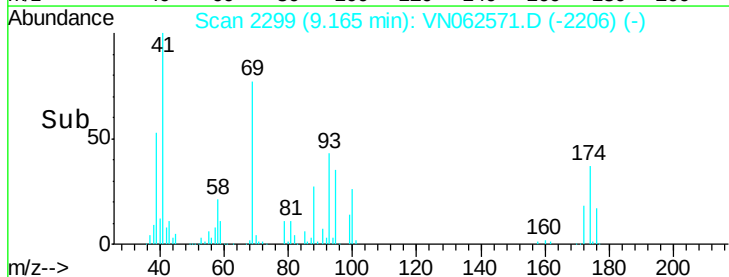
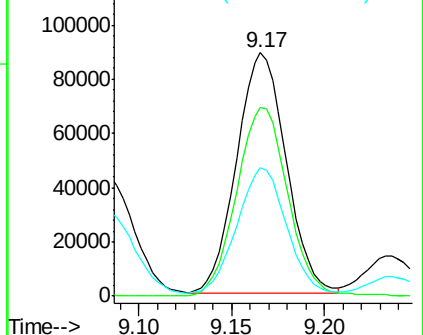
39 54.2 43.5 65.3

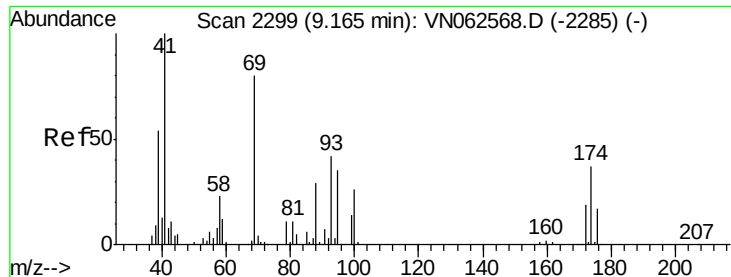


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

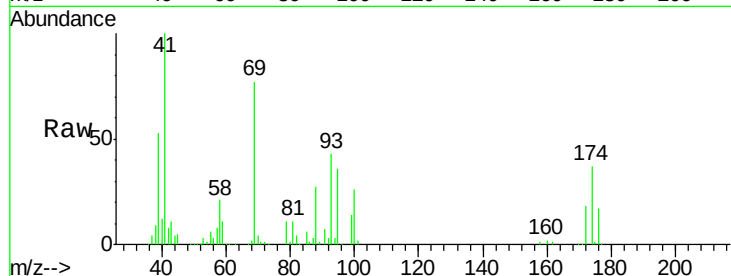




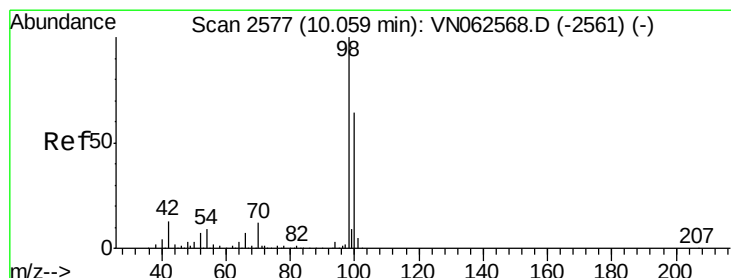
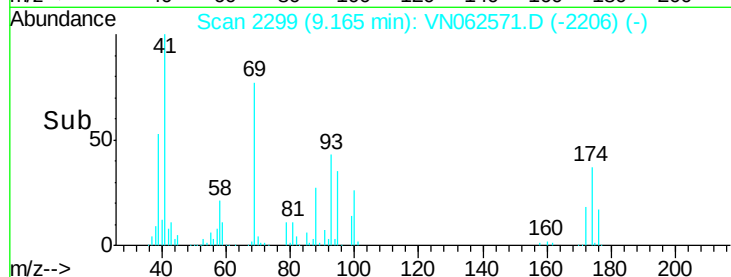
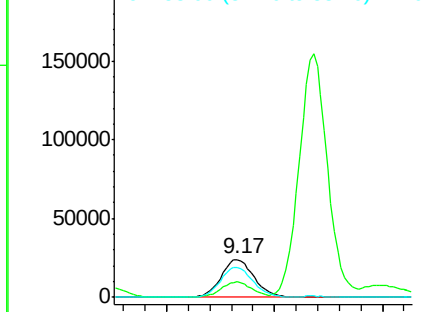
#49
1,4-Dioxane
Concen: 1036.303 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion: 88 Resp: 51259
Ion Ratio Lower Upper
88 100
43 38.7 32.0 48.0
58 77.7 62.8 94.2

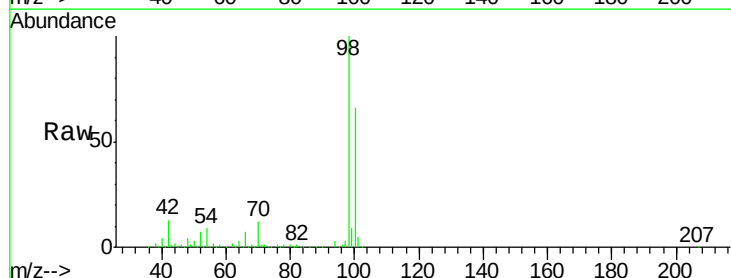


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

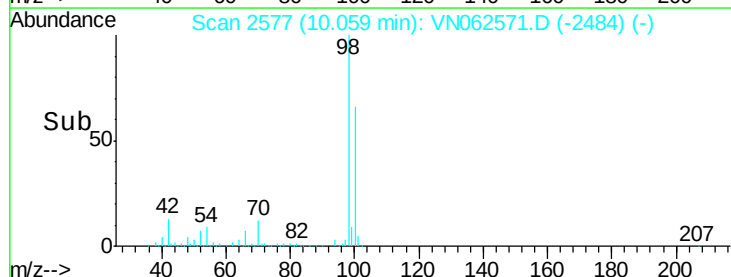
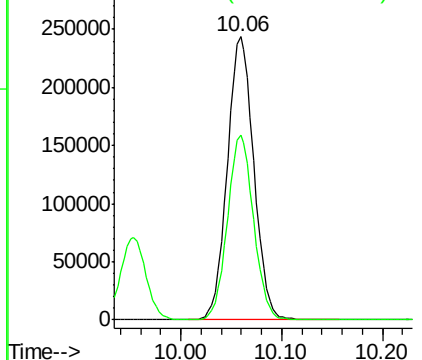


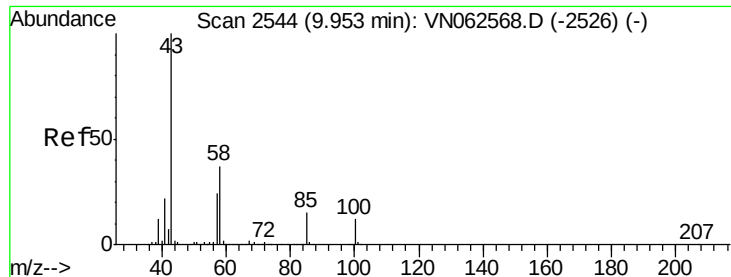
#50
Toluene-d8
Concen: 46.626 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 98 Resp: 446952
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



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

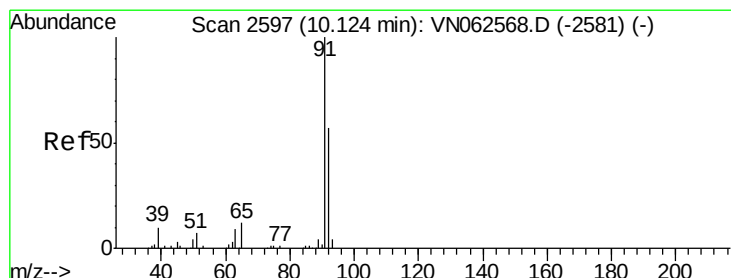
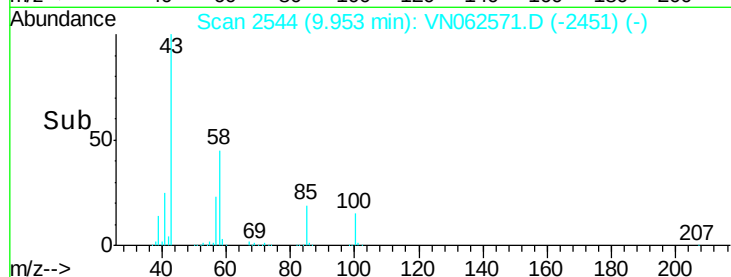
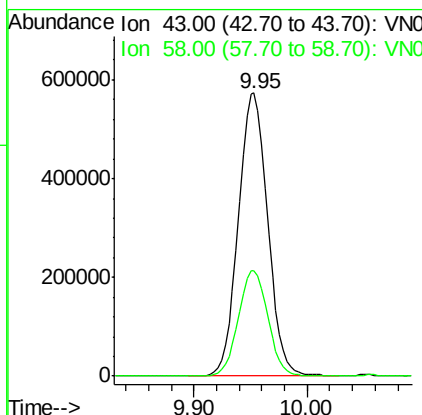
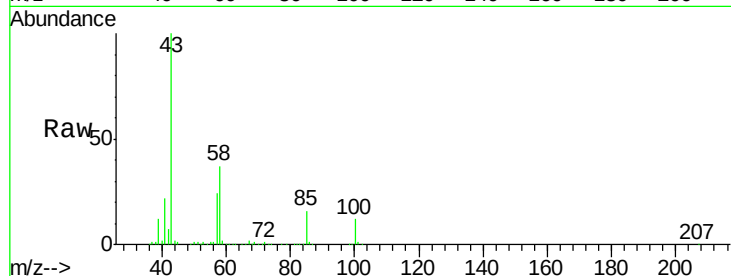




#51
4-Methyl-2-Pentanone
Concen: 255.429 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

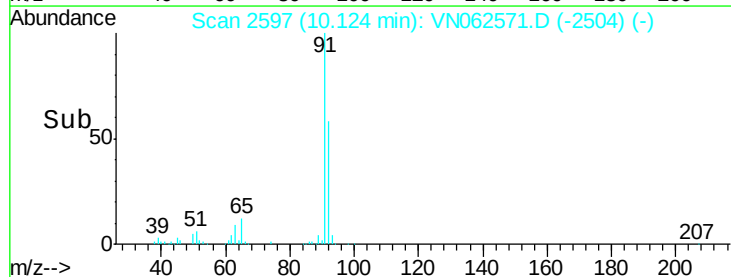
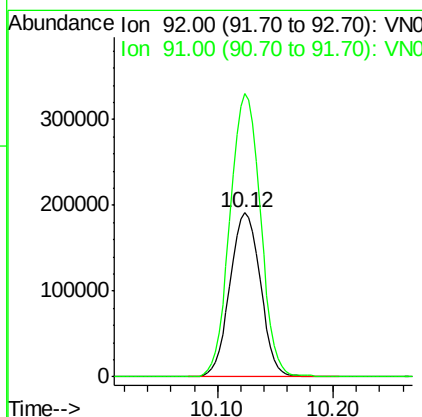
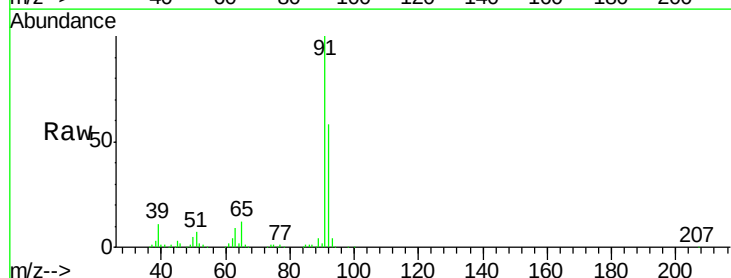
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

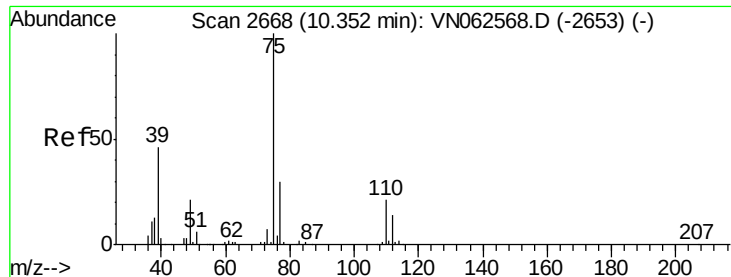
Tot Ion: 43 Resp: 1035417
Ion Ratio Lower Upper
43 100
58 37.5 29.8 44.6



#52
Toluene
Concen: 50.991 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 92 Resp: 349475
Ion Ratio Lower Upper
92 100
91 172.9 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 52.260 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

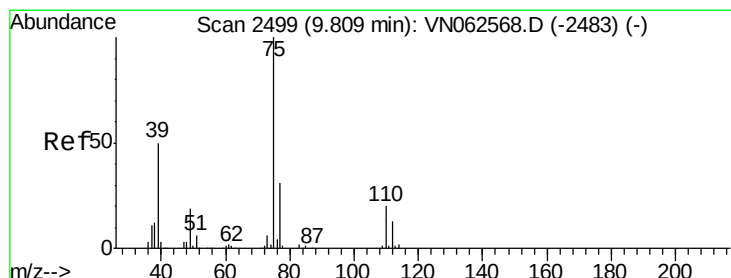
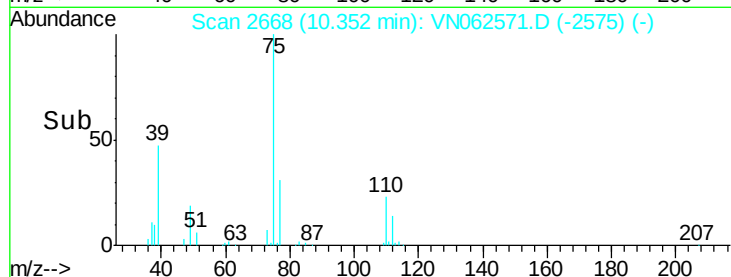
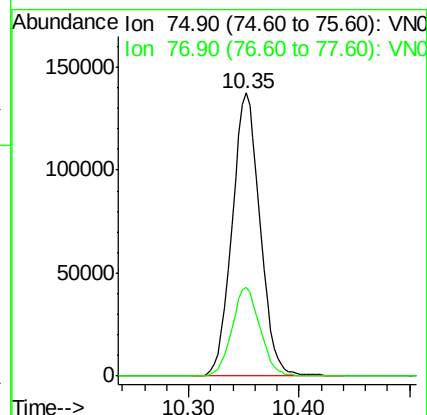
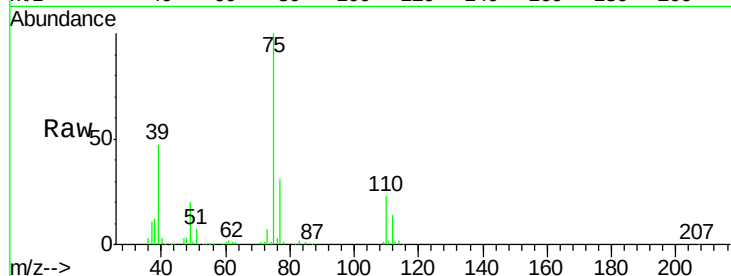
ICVVN072120

Tot Ion: 75 Resp: 241410

Ion Ratio Lower Upper

75 100

77 31.3 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 52.882 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

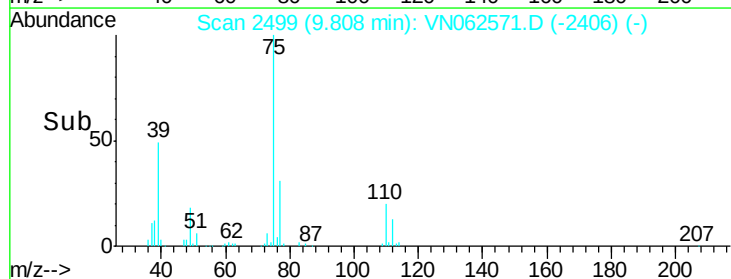
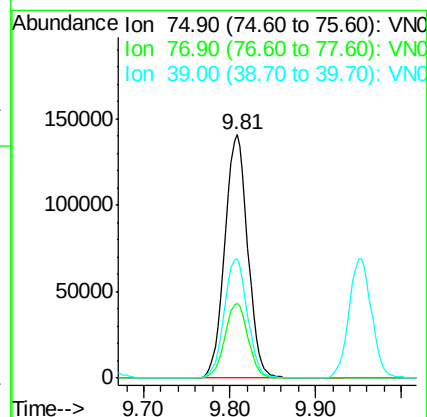
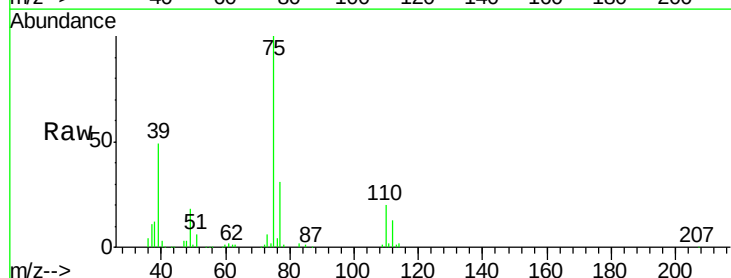
Tgt Ion: 75 Resp: 262121

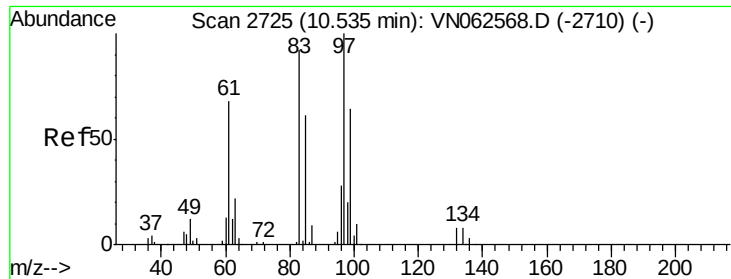
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6

39 49.2 39.8 59.8

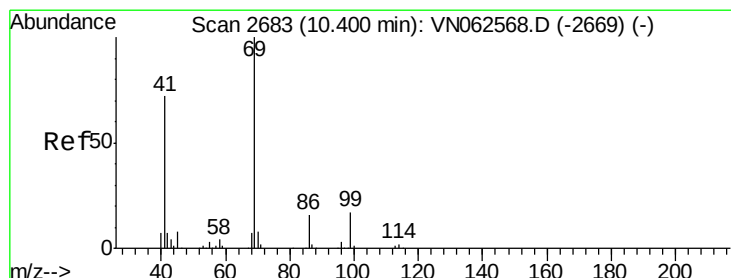
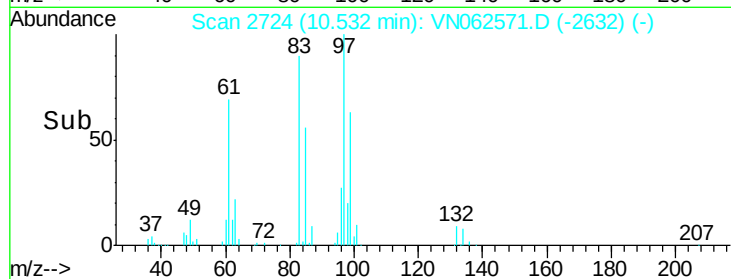
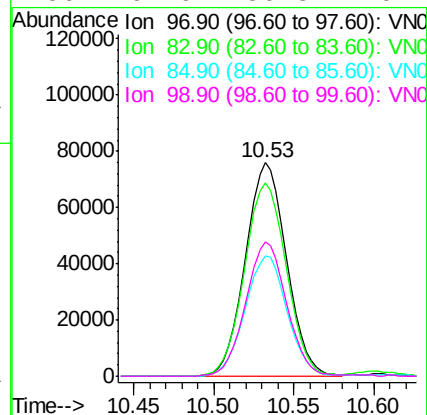
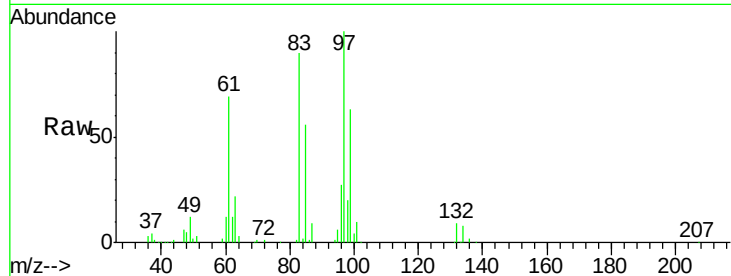




#55
 1,1,2-Trichloroethane
 Concen: 50.205 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

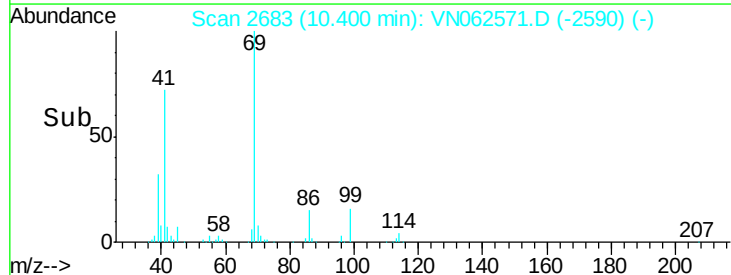
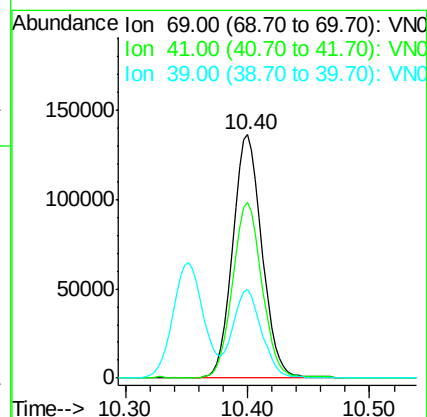
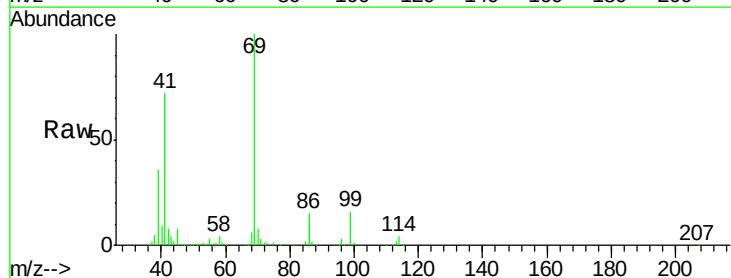
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

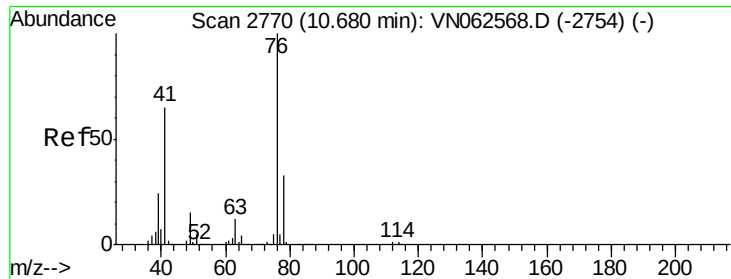
Tot Ion:	97	Resp:	133469
Ion	Ratio	Lower	Upper
97	100		
83	90.4	73.7	110.5
85	56.4	48.5	72.7
99	62.9	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 48.033 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion:	69	Resp:	228943
Ion	Ratio	Lower	Upper
69	100		
41	72.0	57.2	85.8
39	35.2	28.6	43.0

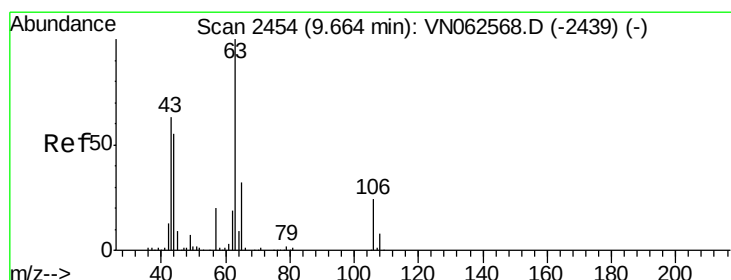
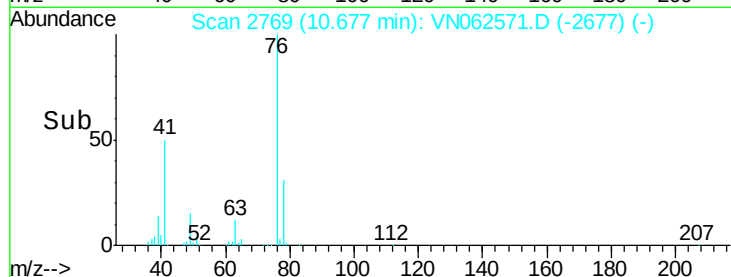
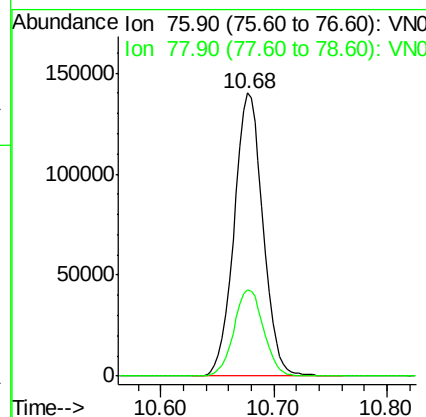
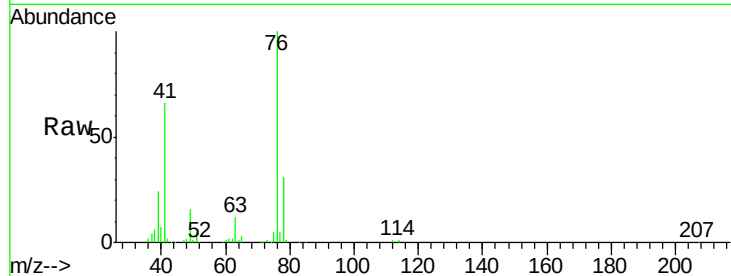




#57
 1,3-Dichloropropane
 Concen: 50.989 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

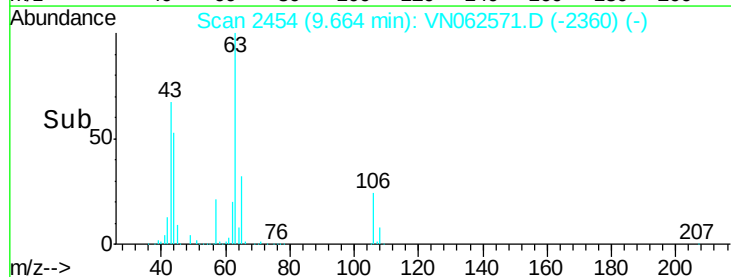
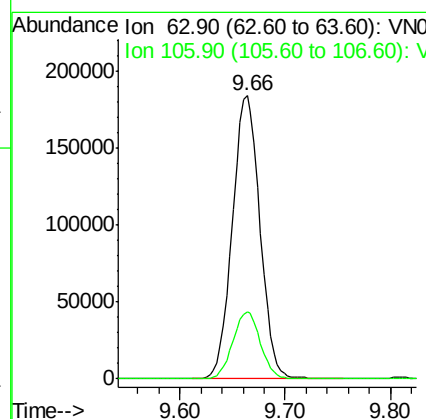
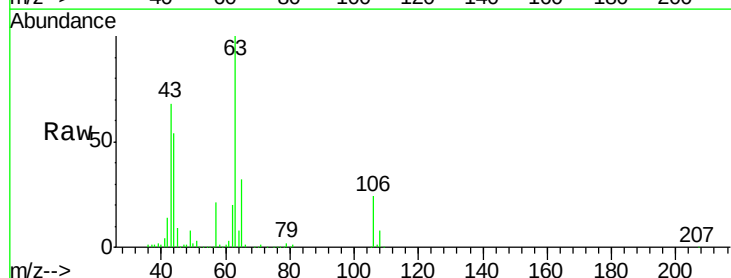
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

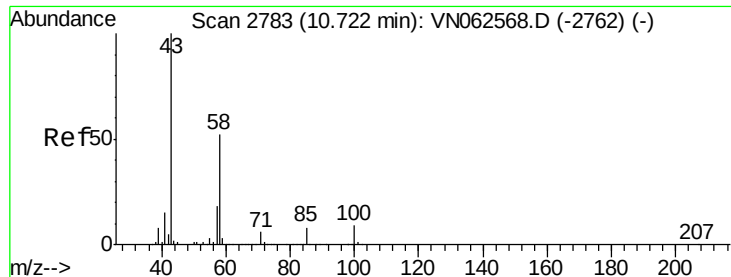
Tot Ion: 76 Resp: 248332
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 232.737 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion: 63 Resp: 333038
 Ion Ratio Lower Upper
 63 100
 106 23.6 18.9 28.3

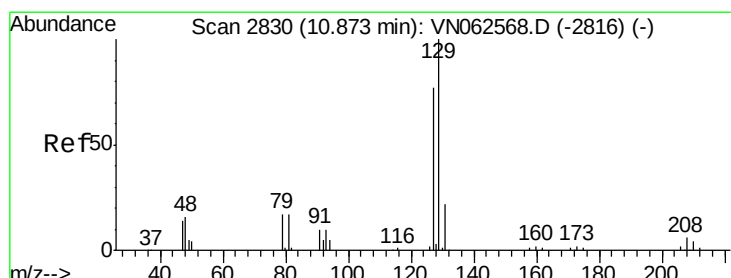
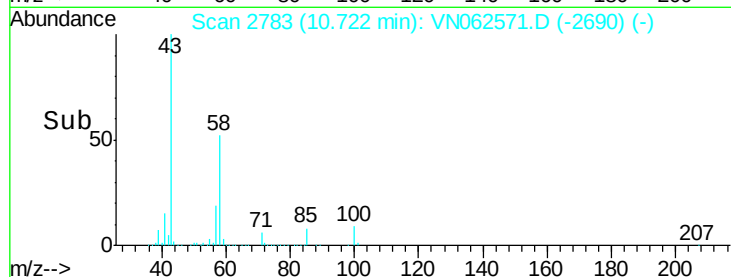
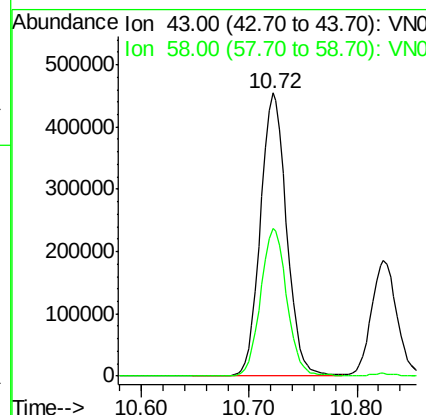
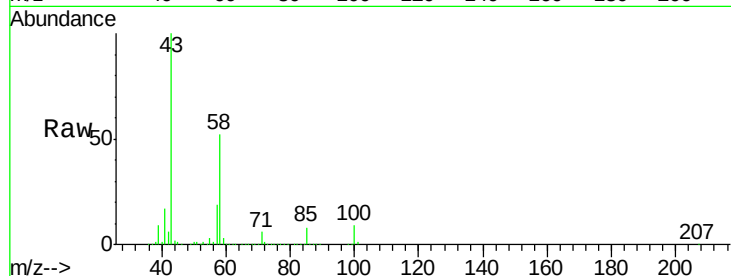




#59
2-Hexanone
Concen: 244.041 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

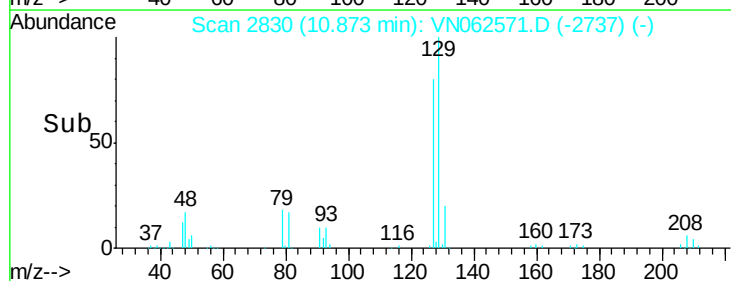
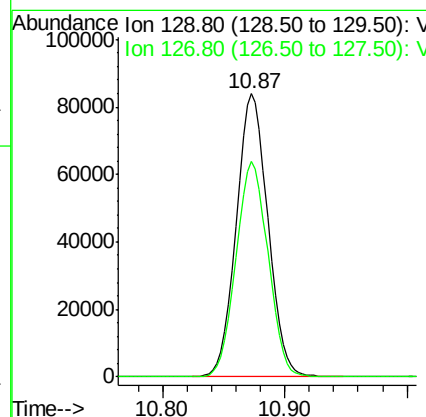
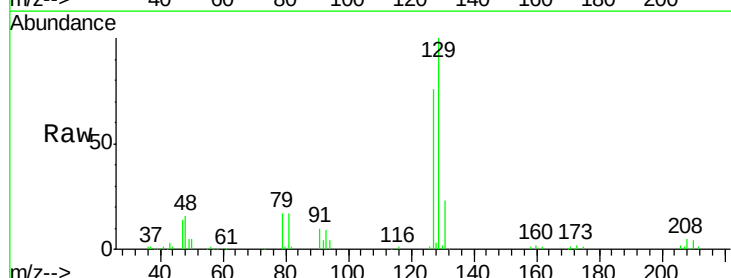
Instrument :
MSVOA_N
ClientSampled :
ICVVN072120

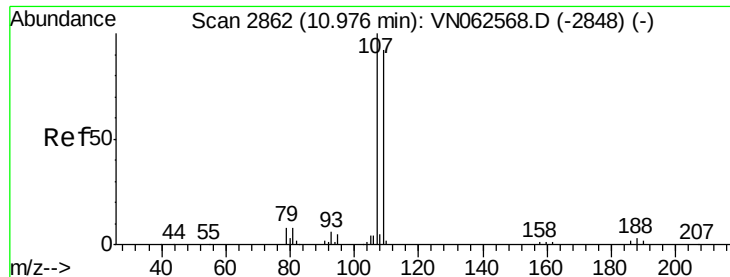
Tot Ion: 43 Resp: 764835
Ion Ratio Lower Upper
43 100
58 52.2 26.0 78.0



#60
Dibromochloromethane
Concen: 50.906 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 129 Resp: 150974
Ion Ratio Lower Upper
129 100
127 77.2 38.0 113.9





#61

1,2-Dibromoethane

Concen: 49.382 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

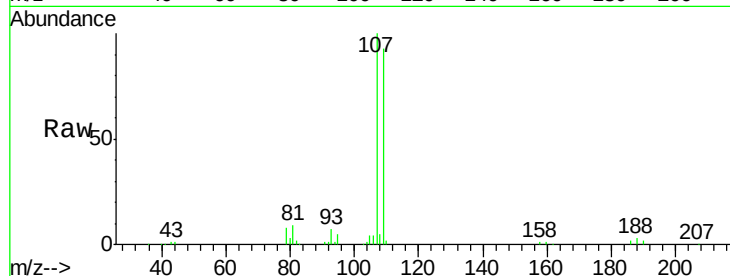
ICVVN072120

Tot Ion:107 Resp: 136700

Ion Ratio Lower Upper

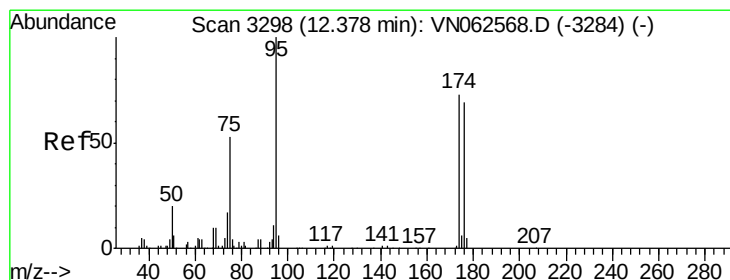
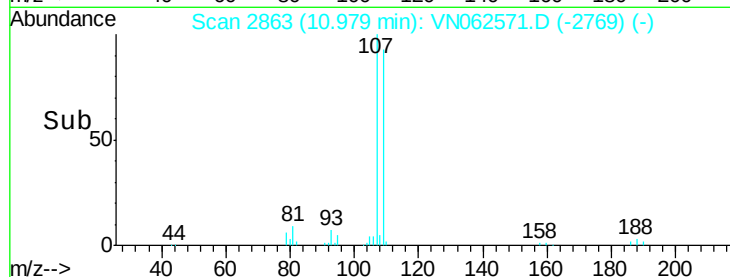
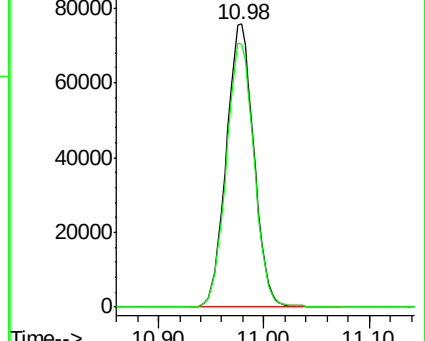
107 100

109 94.2 73.8 110.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.949 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

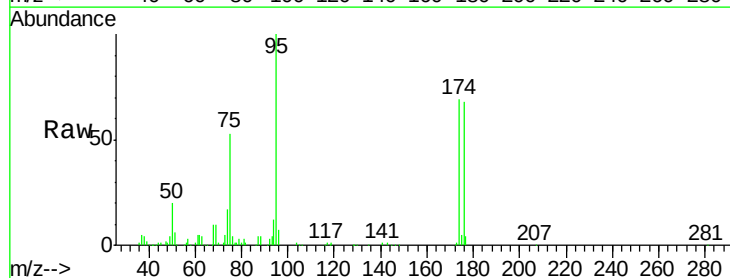
Tgt Ion: 95 Resp: 168063

Ion Ratio Lower Upper

95 100

174 71.1 0.0 144.6

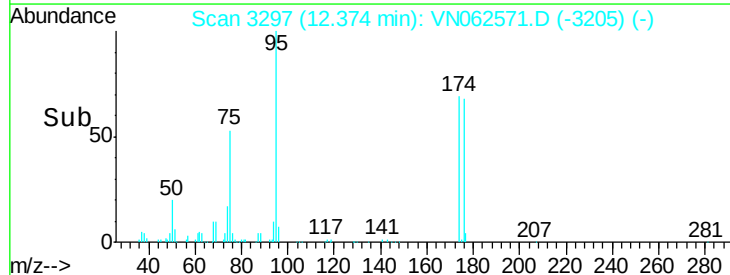
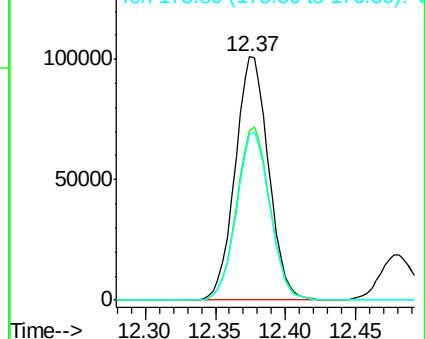
176 68.7 0.0 139.4

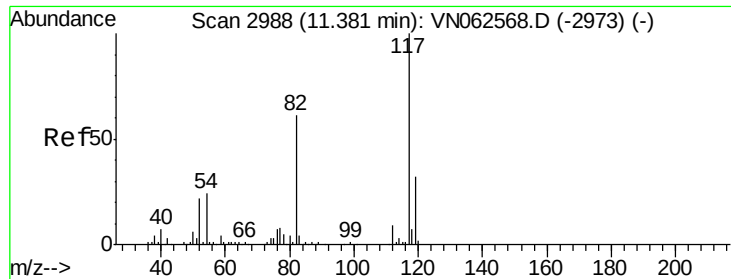


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

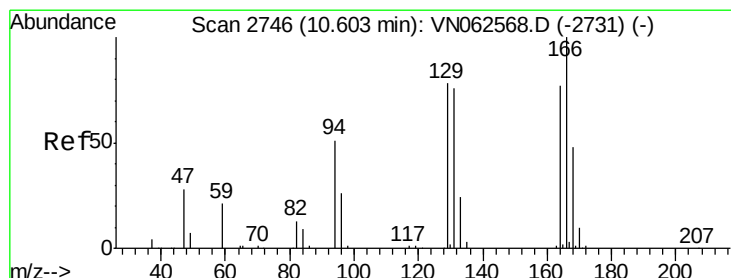
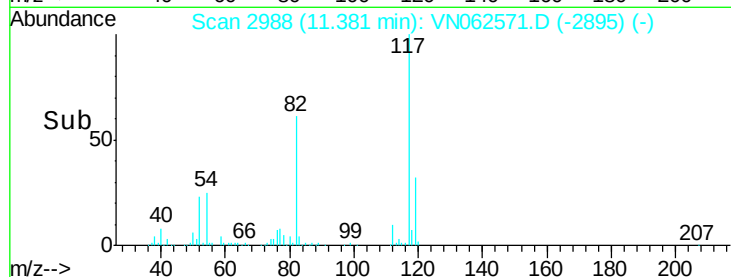
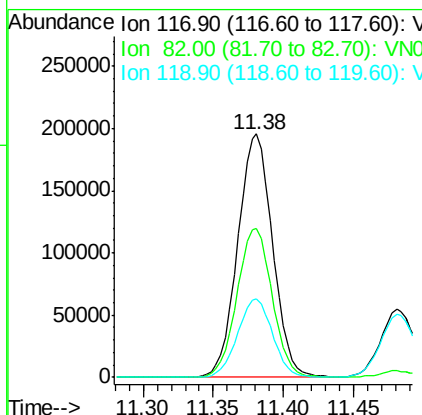
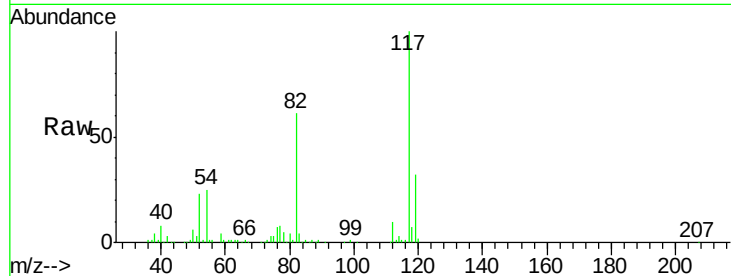




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

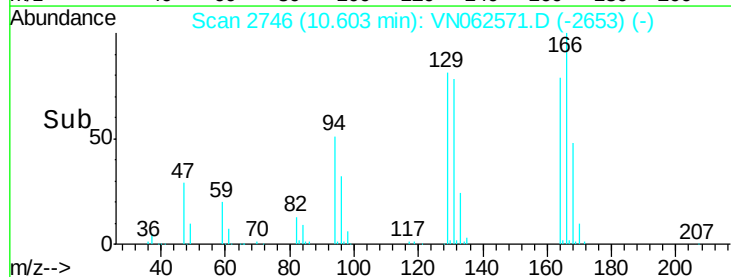
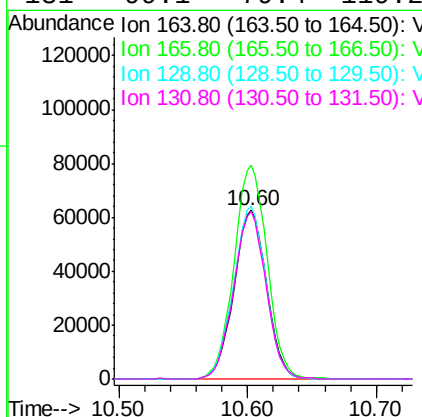
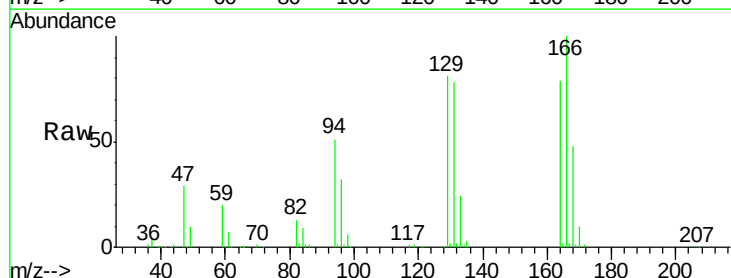
Instrument :
MSVOA_N
ClientSampled :
ICVVN072120

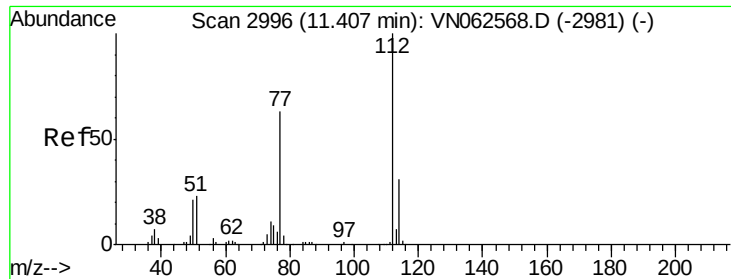
Tot Ion:117 Resp: 339345
Ion Ratio Lower Upper
117 100
82 61.1 49.0 73.6
119 32.2 25.4 38.2



#64
Tetrachloroethene
Concen: 50.107 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion:164 Resp: 110476
Ion Ratio Lower Upper
164 100
166 126.4 104.4 156.6
129 102.4 81.0 121.4
131 99.1 79.4 119.2

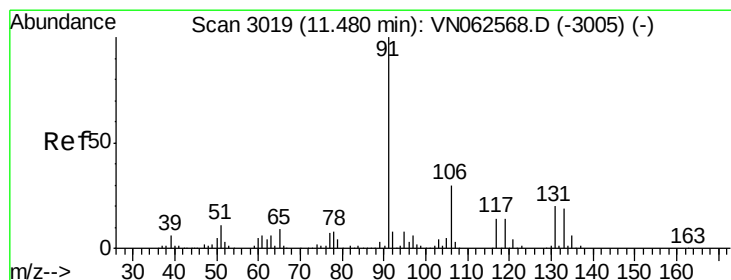
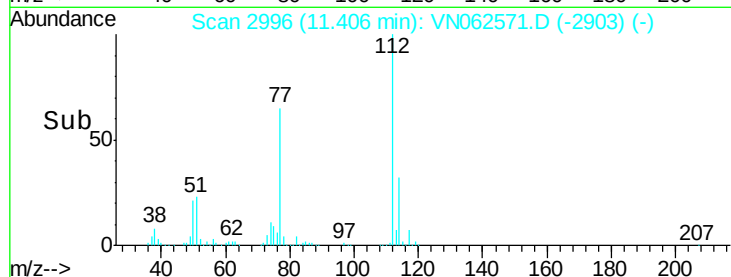
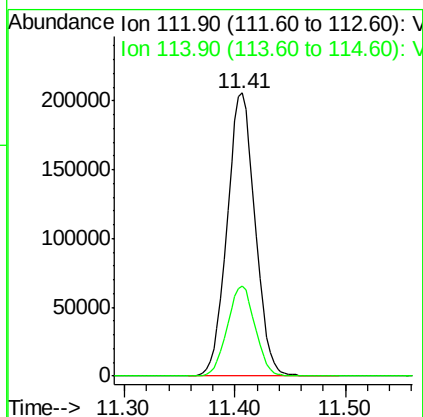
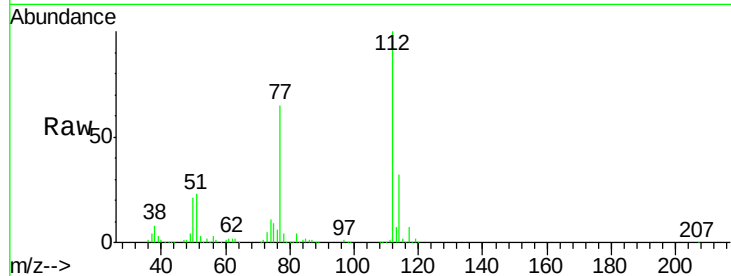




#65
Chlorobenzene
Concen: 50.837 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

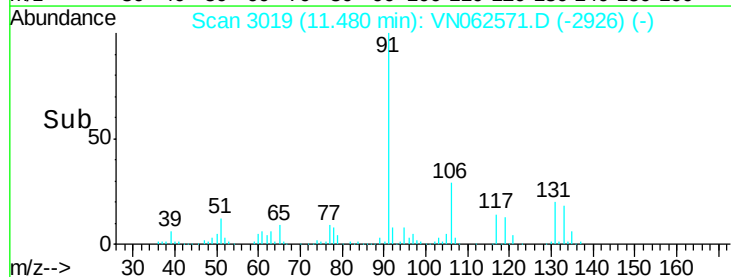
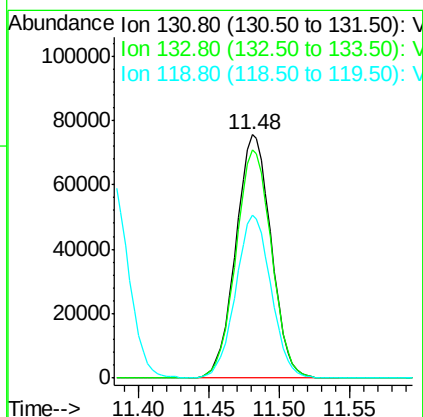
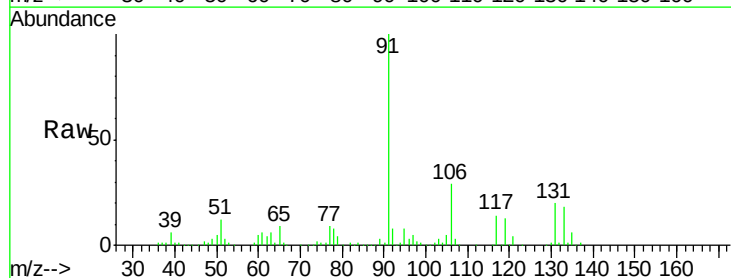
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

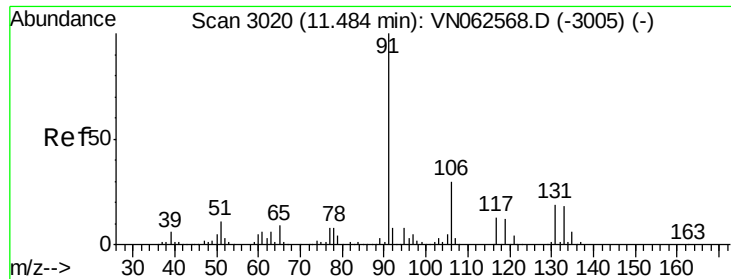
Tot Ion:112 Resp: 361664
Ion Ratio Lower Upper
112 100
114 32.0 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.662 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion:131 Resp: 132911
Ion Ratio Lower Upper
131 100
133 94.4 47.3 142.0
119 66.3 33.7 101.0

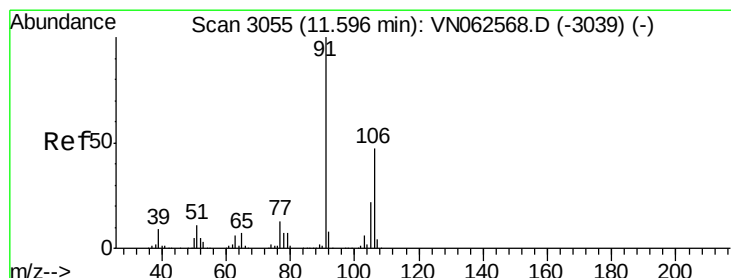
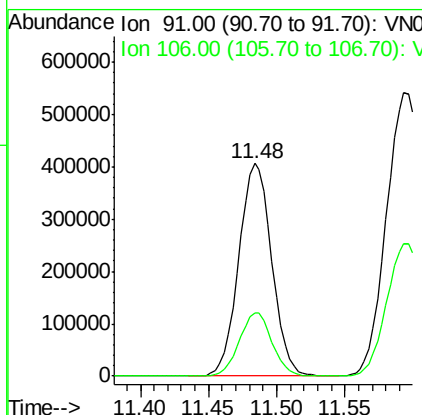
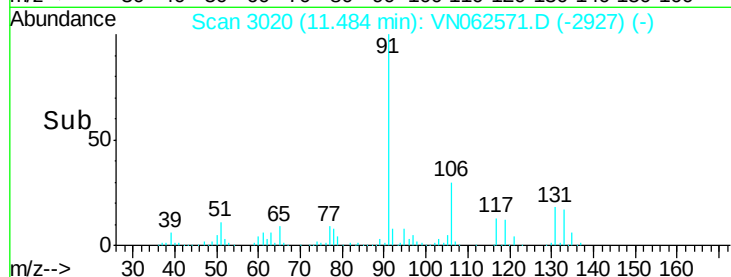
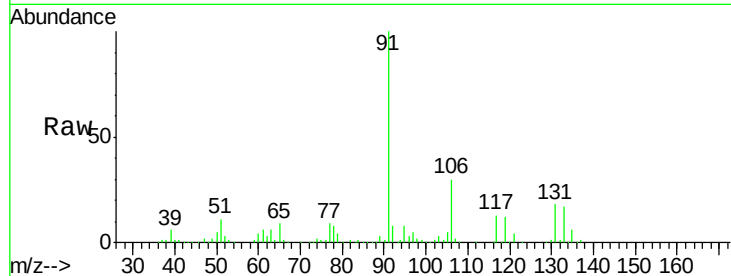




#67
Ethyl Benzene
Concen: 52.184 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

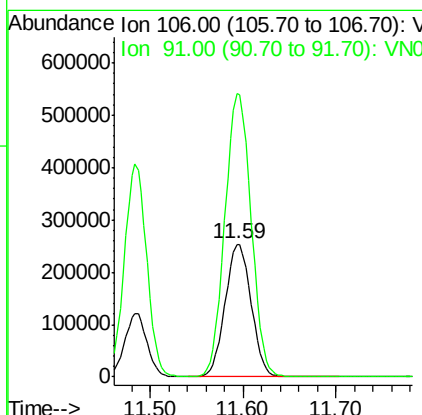
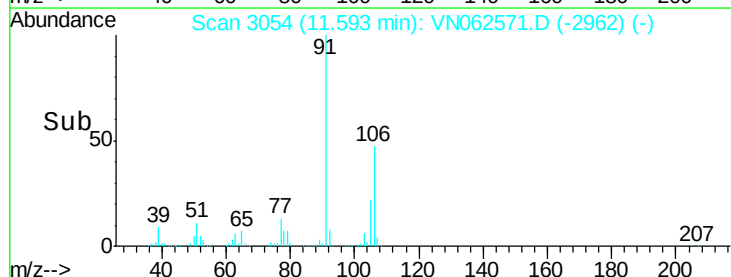
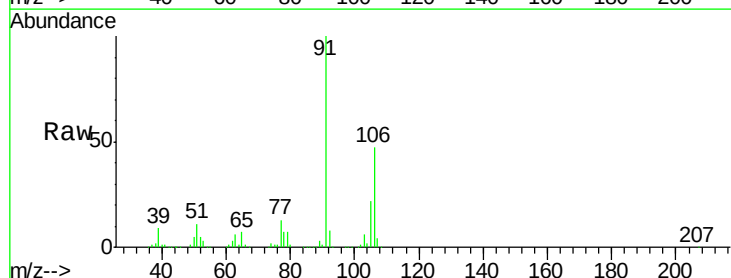
Instrument :
MSVOA_N
ClientSampled :
ICVVN072120

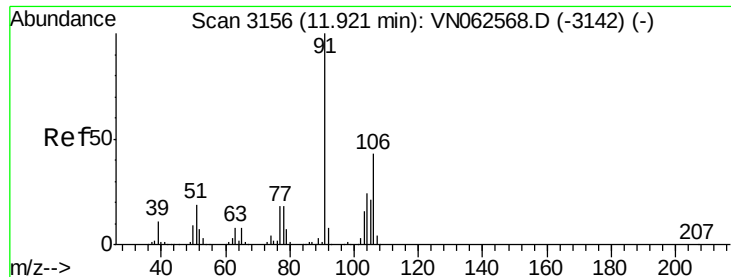
Tot Ion: 91 Resp: 680678
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8



#68
m/p-Xylenes
Concen: 105.194 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 106 Resp: 493185
Ion Ratio Lower Upper
106 100
91 215.3 171.4 257.2

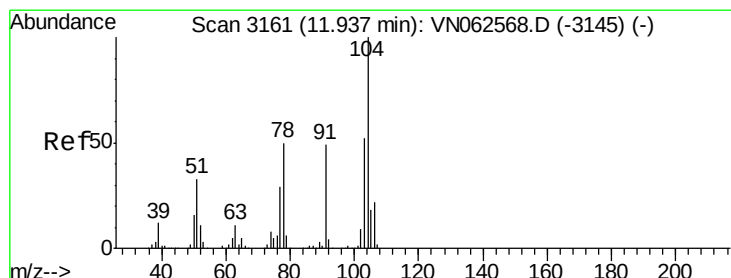
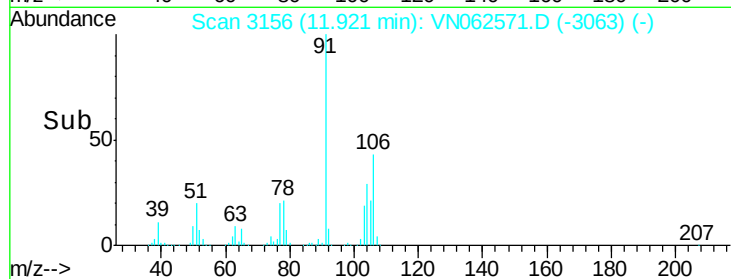
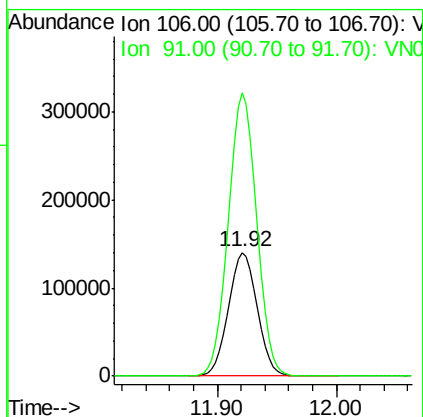
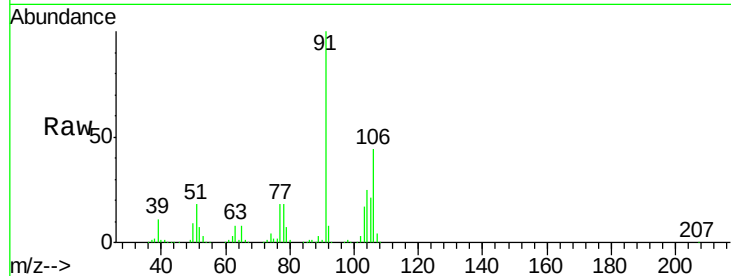




#69
o-Xylene
Concen: 52.759 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

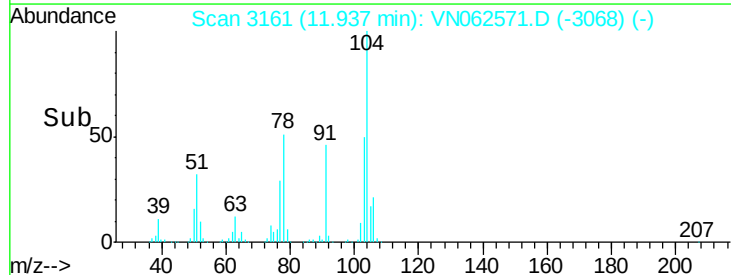
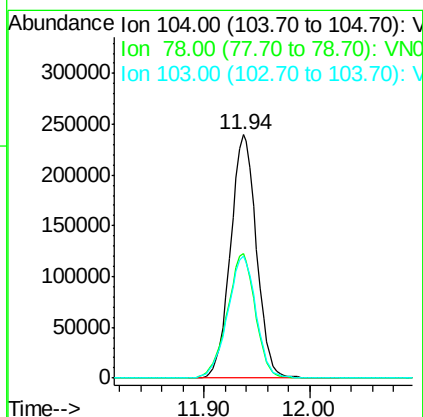
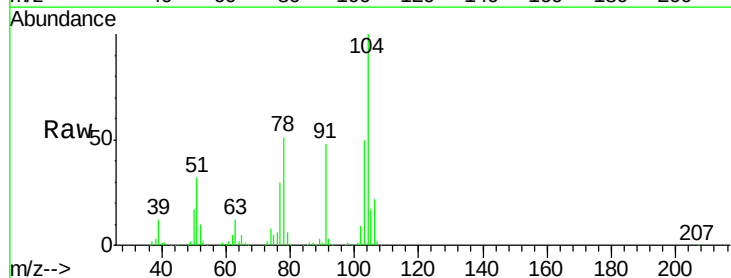
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

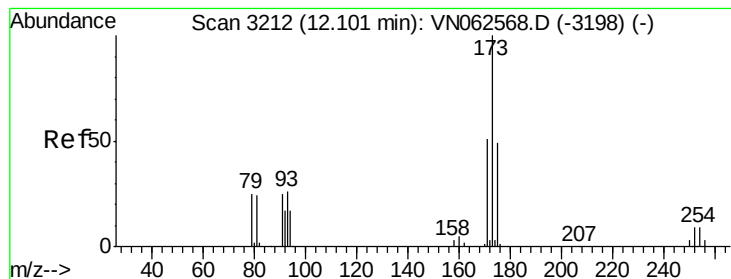
Tot Ion:106 Resp: 234883
Ion Ratio Lower Upper
106 100
91 226.2 113.8 341.2



#70
Styrene
Concen: 54.125 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion:104 Resp: 407049
Ion Ratio Lower Upper
104 100
78 55.4 43.8 65.6
103 54.9 44.0 66.0





#71

Bromoform

Concen: 51.112 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072120

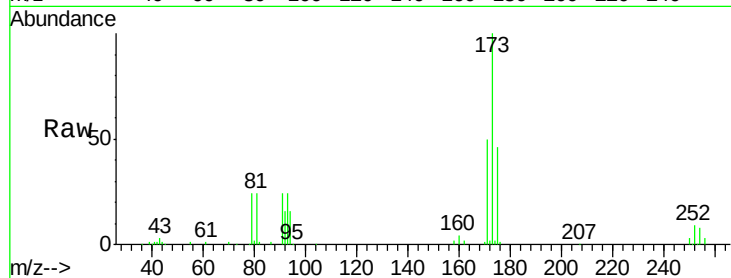
Tot Ion:173 Resp: 102707

Ion Ratio Lower Upper

173 100

175 47.5 24.1 72.2

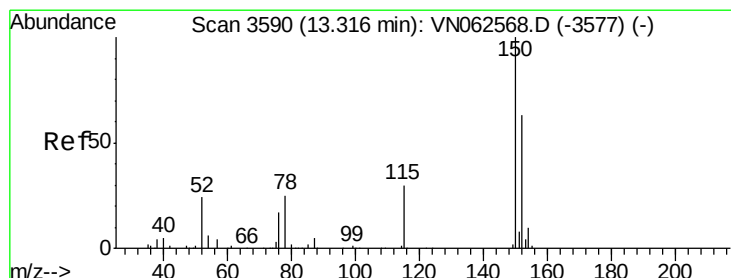
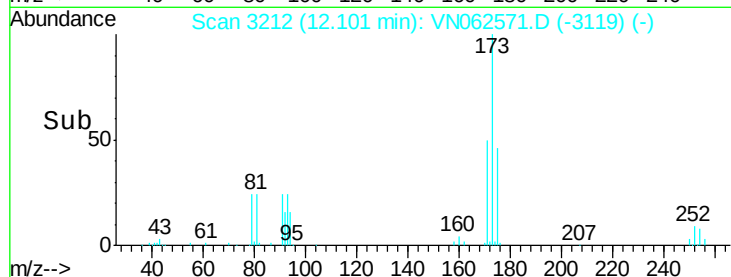
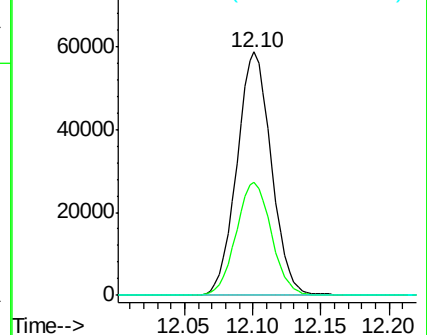
254 0.0 0.0 0.0



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# 3590

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

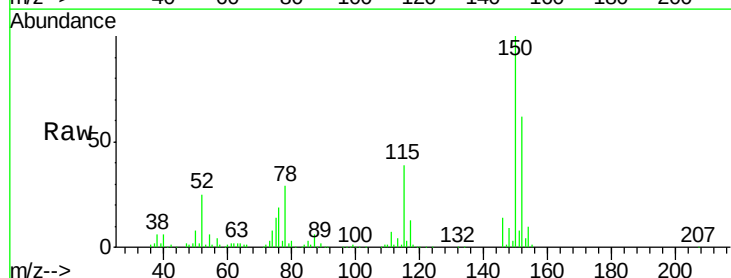
Tgt Ion:152 Resp: 160753

Ion Ratio Lower Upper

152 100

115 63.0 31.8 95.4

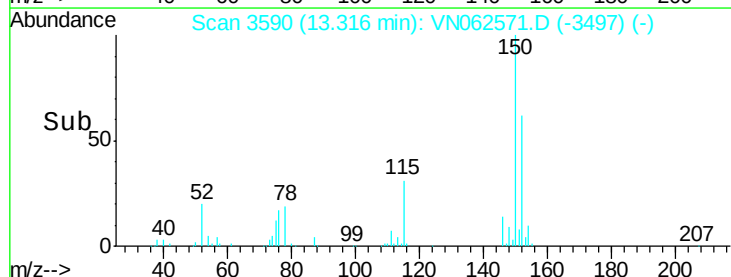
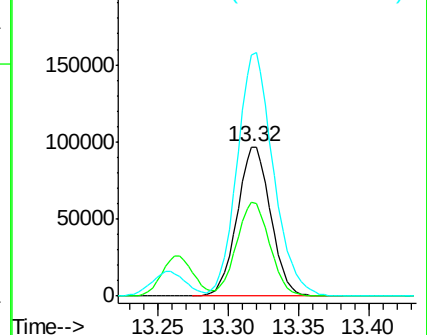
150 176.3 0.0 351.4

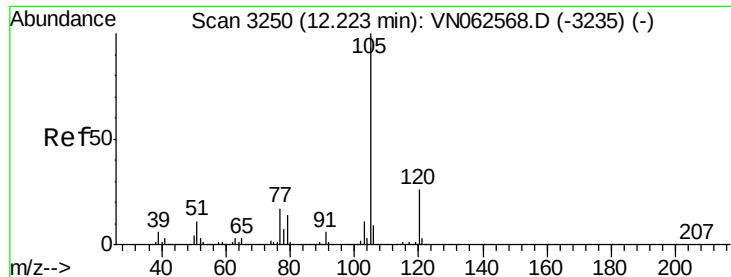


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.291 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

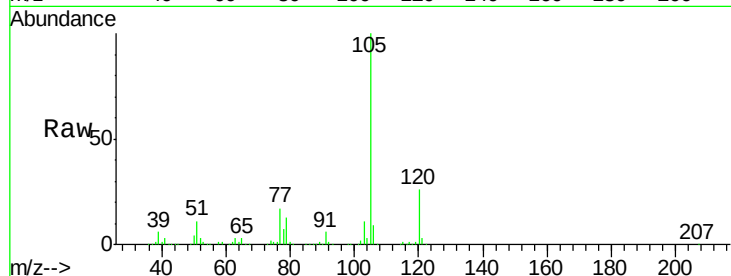
ICV072120

Tot Ion:105 Resp: 639250

Ion Ratio Lower Upper

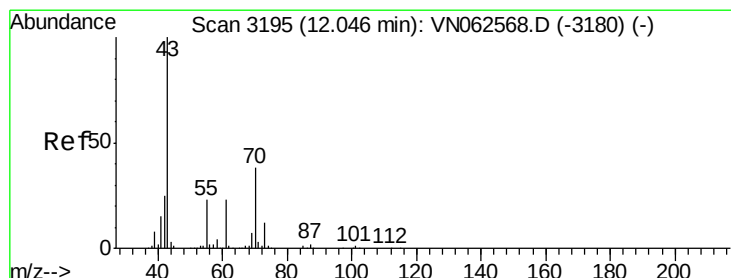
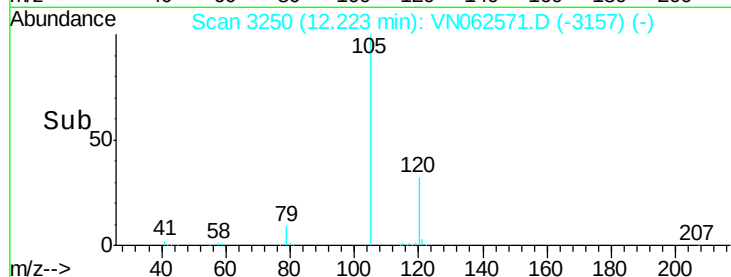
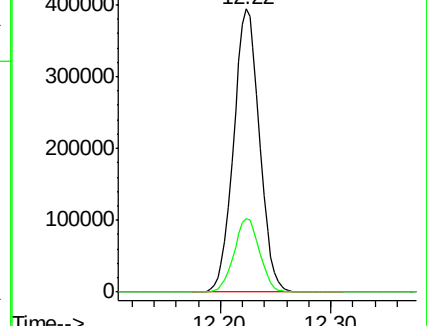
105 100

120 25.6 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.428 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Tgt Ion: 43 Resp: 303284

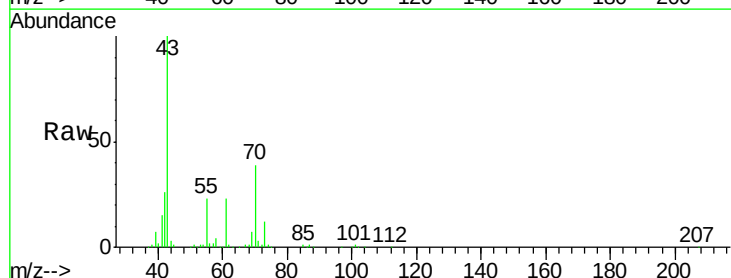
Ion Ratio Lower Upper

43 100

70 38.1 30.5 45.7

55 23.4 19.0 28.6

61 22.7 18.4 27.6

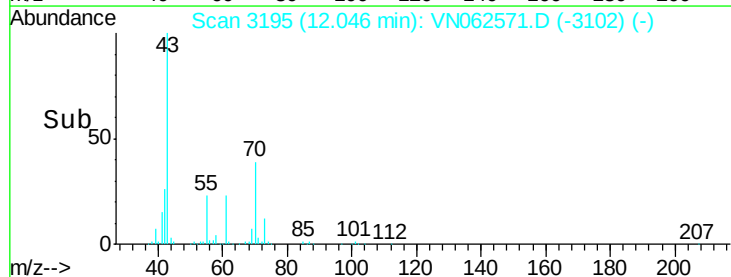
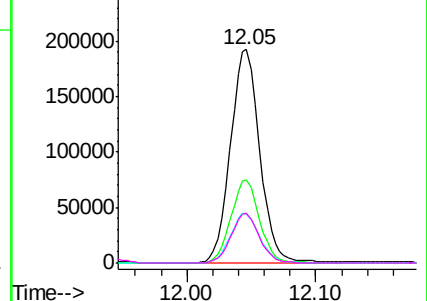


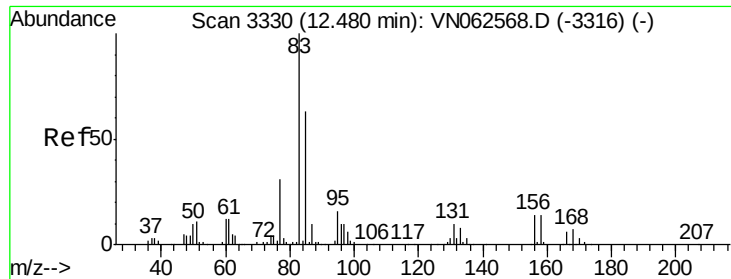
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 46.461 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072120

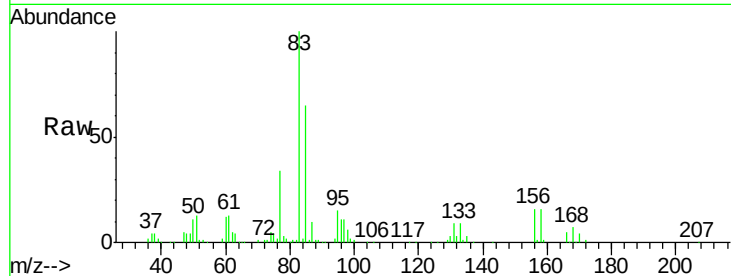
Tot Ion: 83 Resp: 205221

Ion Ratio Lower Upper

83 100

131 9.2 4.8 14.3

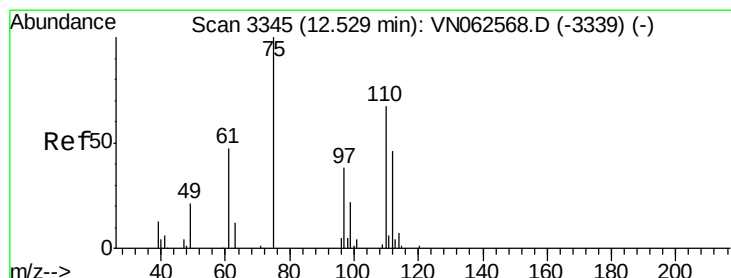
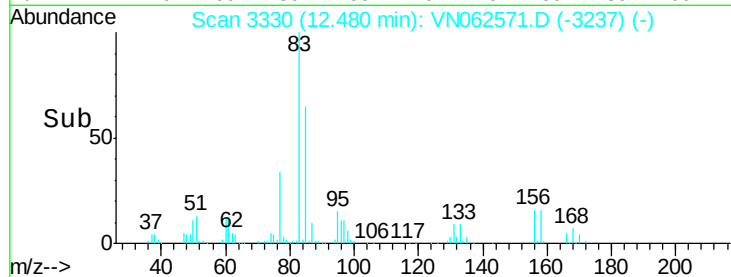
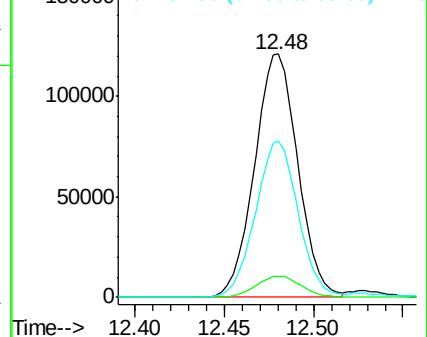
85 63.5 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 67.040 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062571.D

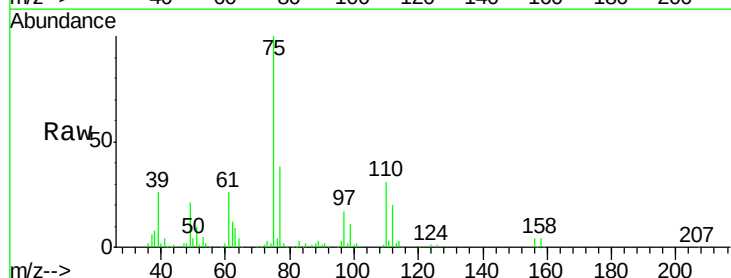
Acq: 21 Jul 2020 14:26

Tgt Ion: 75 Resp: 274309

Ion Ratio Lower Upper

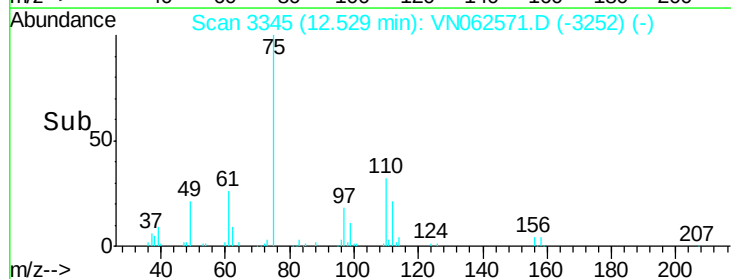
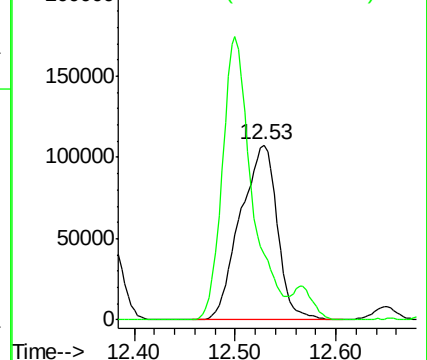
75 100

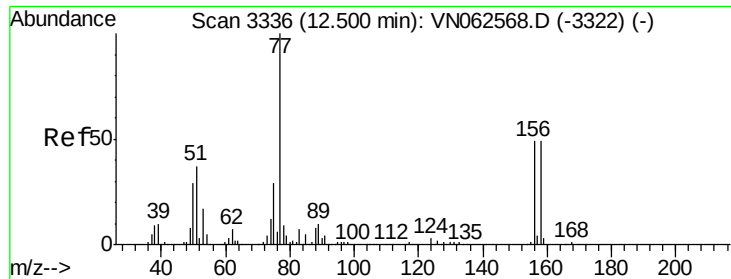
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.378 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampled :

ICVVN072120

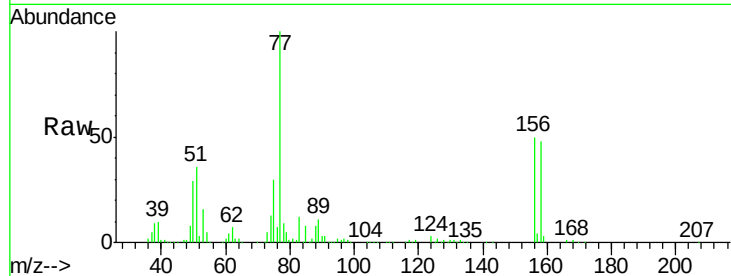
Tot Ion:156 Resp: 147778

Ion Ratio Lower Upper

156 100

77 241.7 122.8 368.3

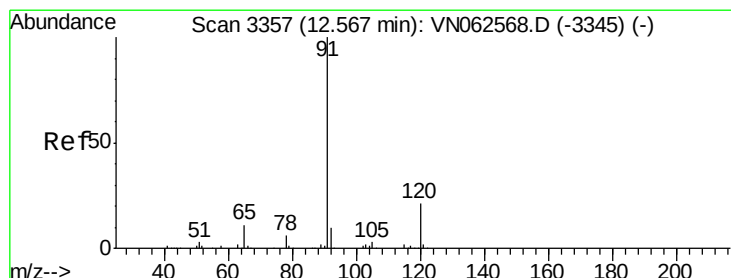
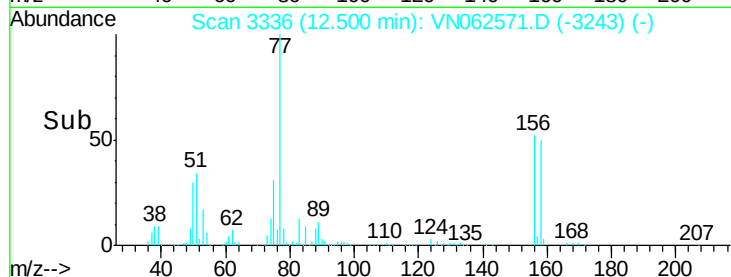
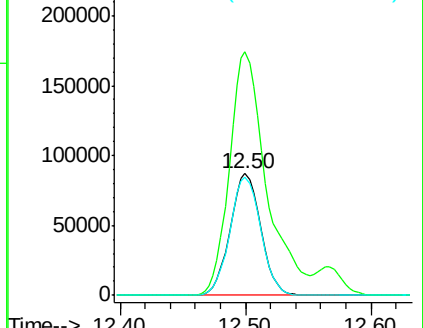
158 98.1 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.151 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062571.D

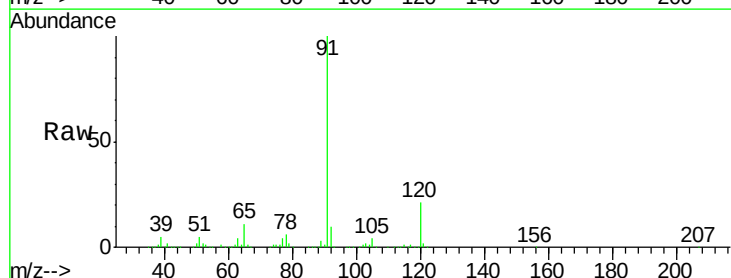
Acq: 21 Jul 2020 14:26

Tgt Ion: 91 Resp: 761589

Ion Ratio Lower Upper

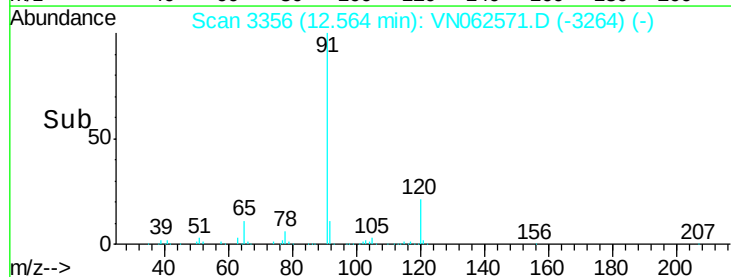
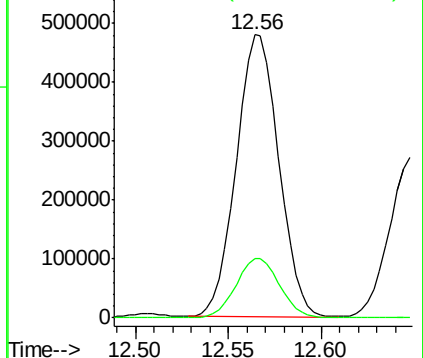
91 100

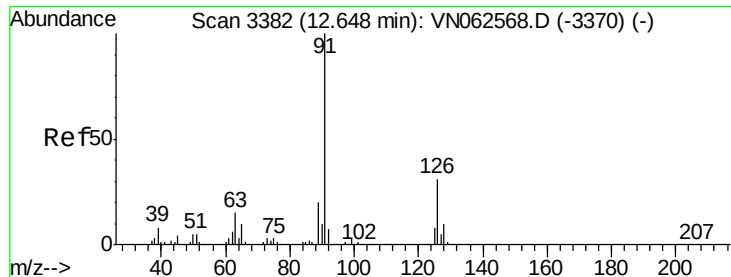
120 21.5 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.429 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

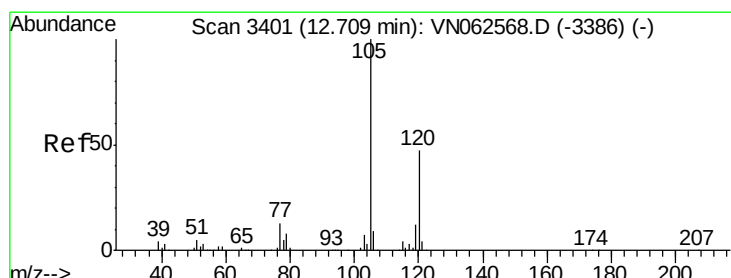
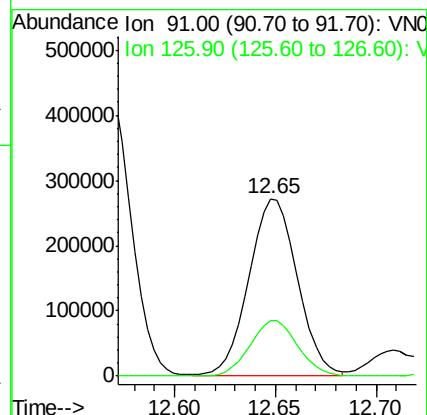
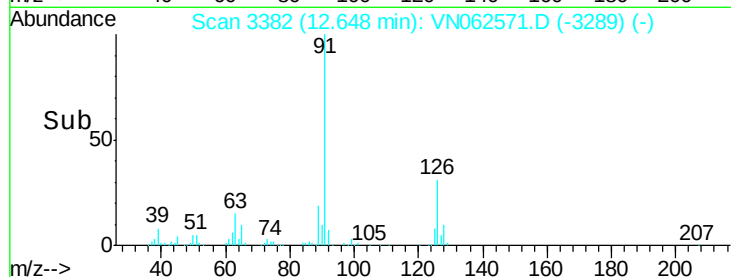
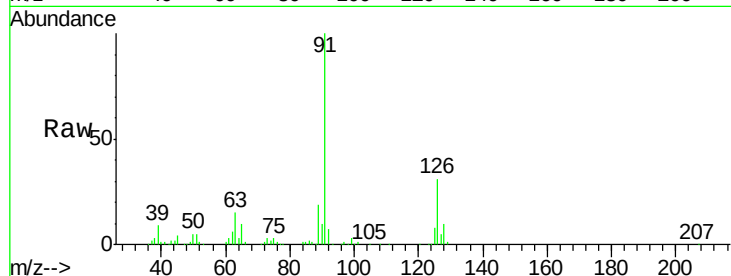
ICVVN072120

Tot Ion: 91 Resp: 453555

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.6



#80

1,3,5-Trimethylbenzene

Concen: 51.957 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062571.D

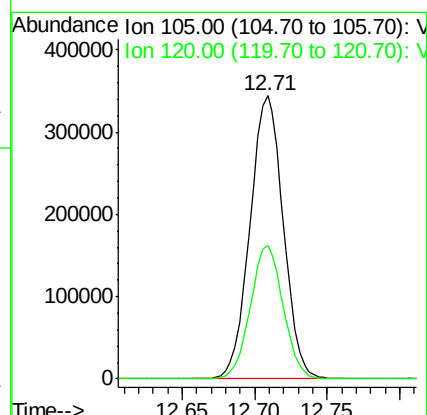
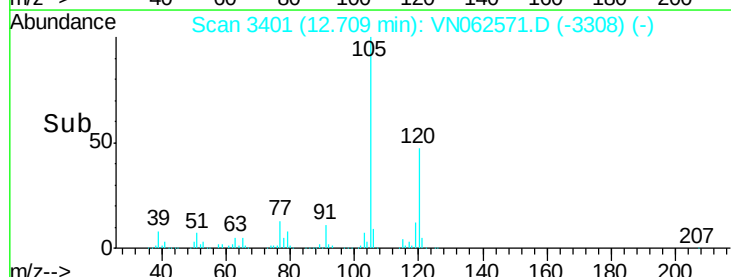
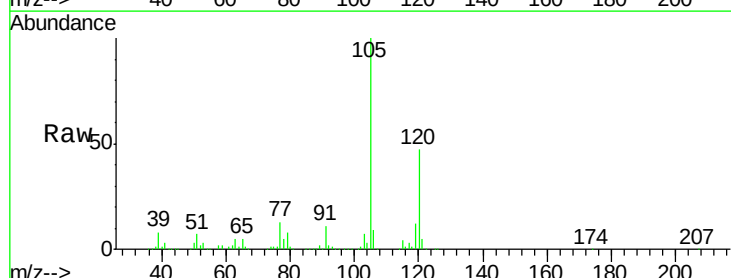
Acq: 21 Jul 2020 14:26

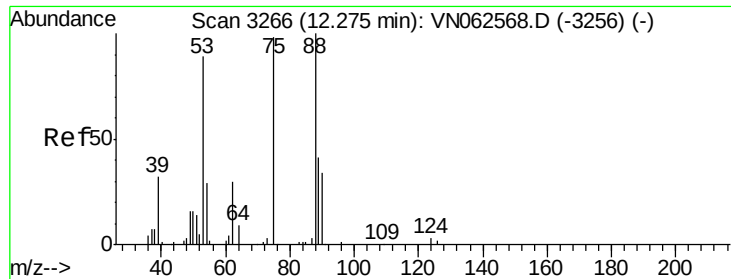
Tgt Ion: 105 Resp: 547816

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 50.522 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

ICVVN072120

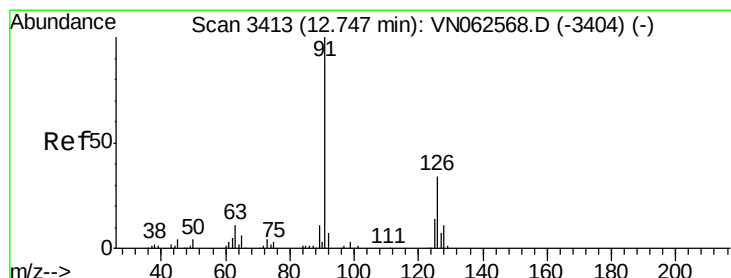
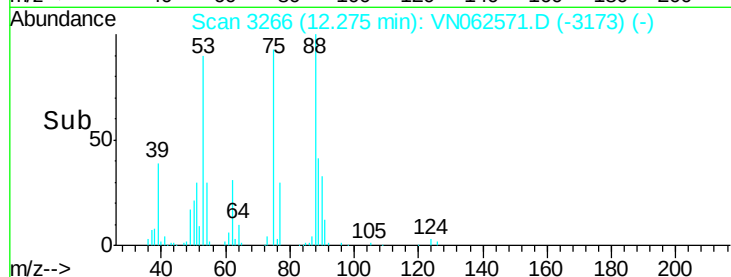
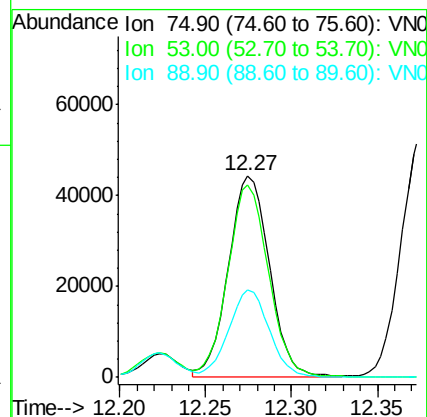
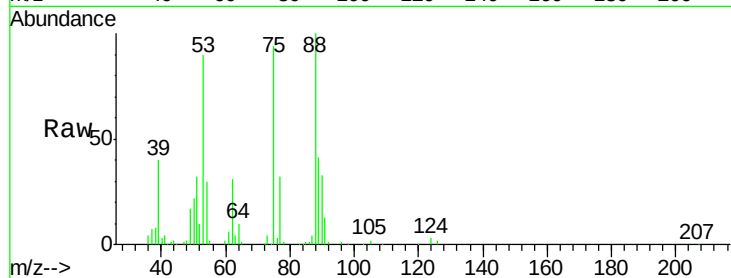
Tot Ion: 75 Resp: 74260

Ion Ratio Lower Upper

75 100

53 95.2 75.4 113.0

89 42.8 34.5 51.7



#82

4-Chlorotoluene

Concen: 49.374 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062571.D

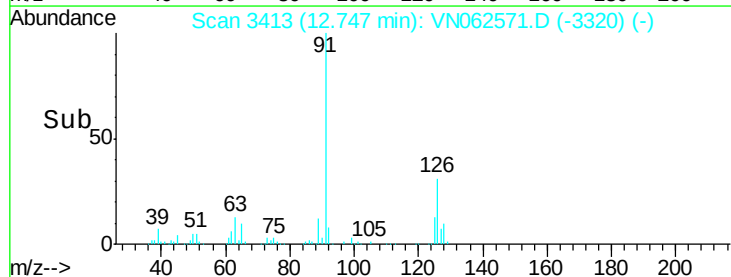
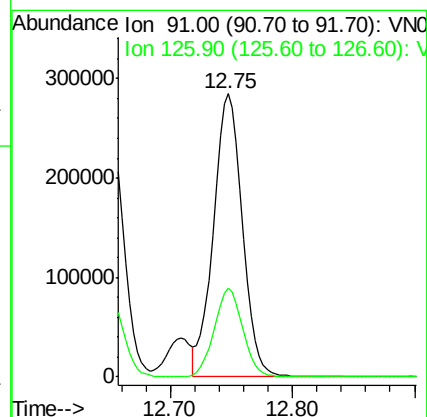
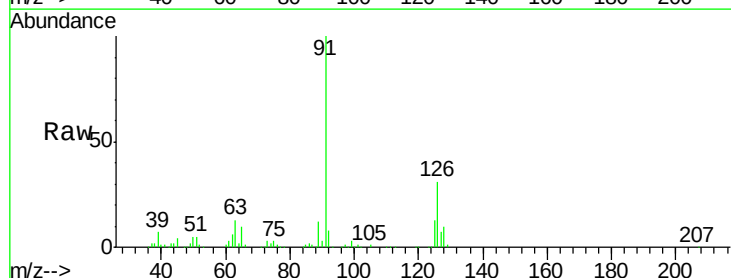
Acq: 21 Jul 2020 14:26

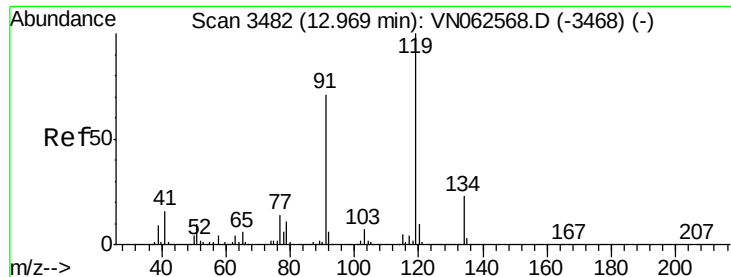
Tgt Ion: 91 Resp: 471570

Ion Ratio Lower Upper

91 100

126 30.9 15.4 46.4

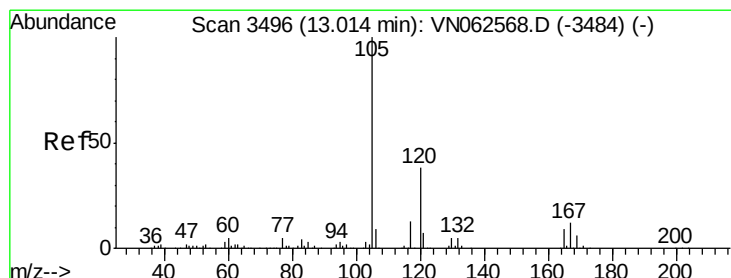
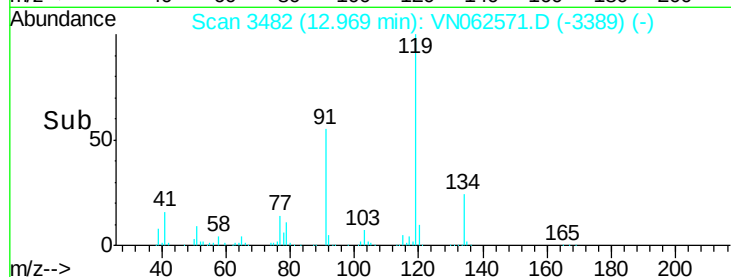
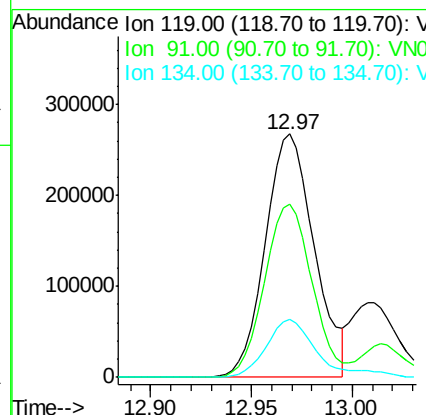
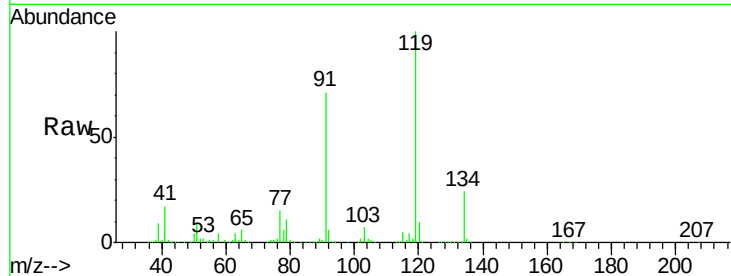




#83
 tert-Butylbenzene
 Concen: 51.662 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

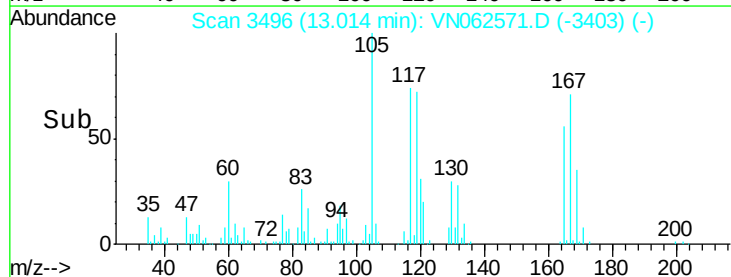
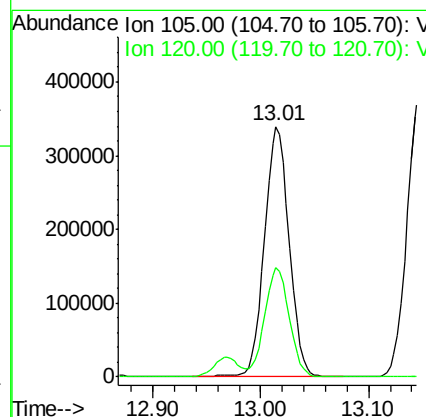
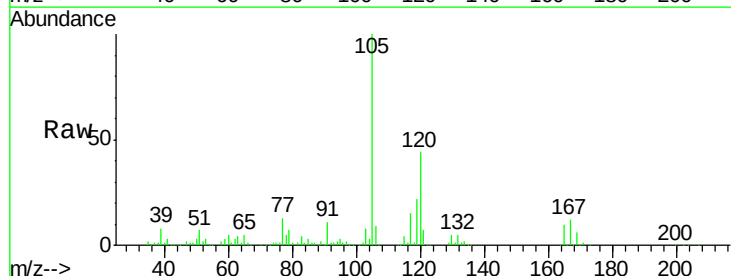
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN072120

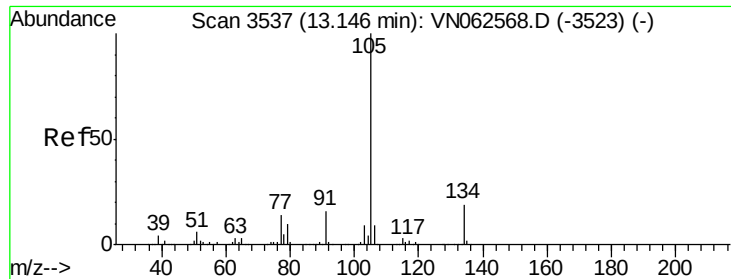
Tot Ion:119 Resp: 452303
 Ion Ratio Lower Upper
 119 100
 91 69.5 34.6 103.8
 134 24.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.046 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion:105 Resp: 538330
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.1 66.3





#85

sec-Butylbenzene

Concen: 52.033 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

Instrument :

MSVOA_N

ClientSampleId :

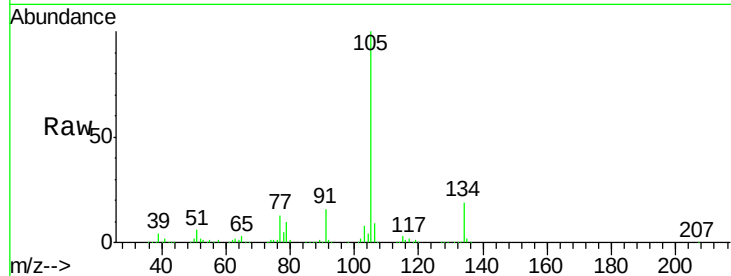
ICVVN072120

Tot Ion:105 Resp: 609893

Ion Ratio Lower Upper

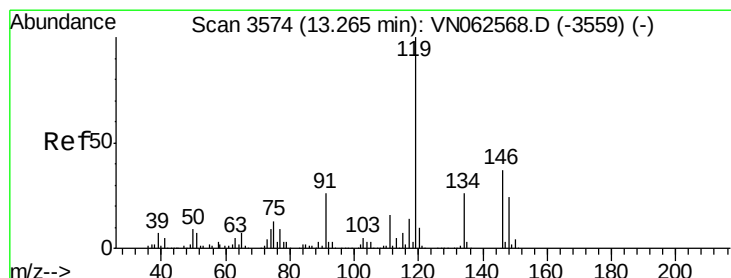
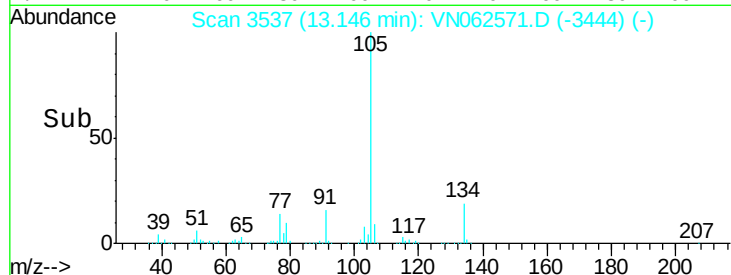
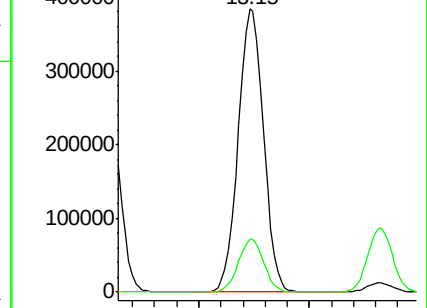
105 100

134 18.8 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.905 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062571.D

Acq: 21 Jul 2020 14:26

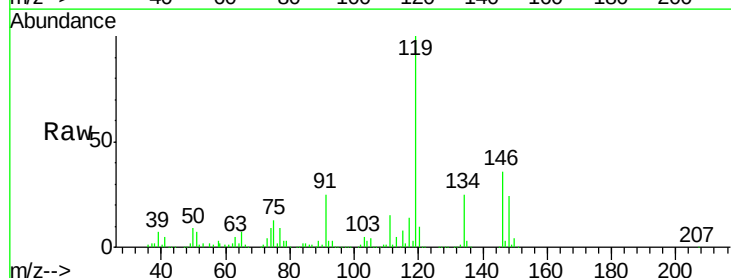
Tgt Ion:119 Resp: 543424

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

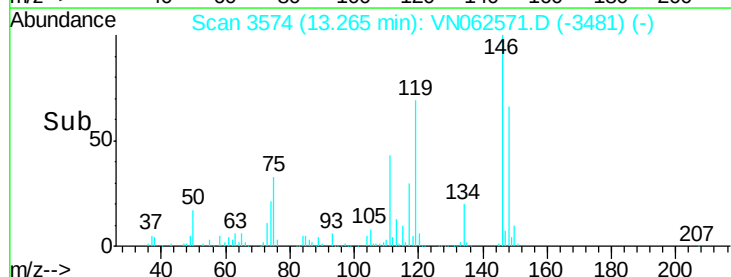
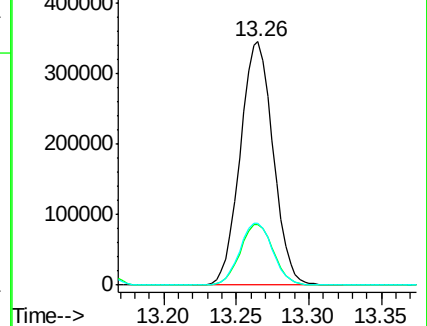
91 25.5 12.7 38.1

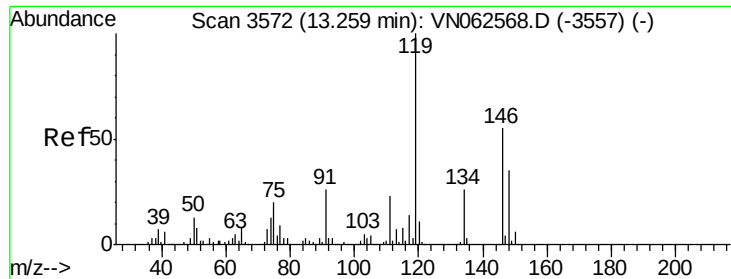


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

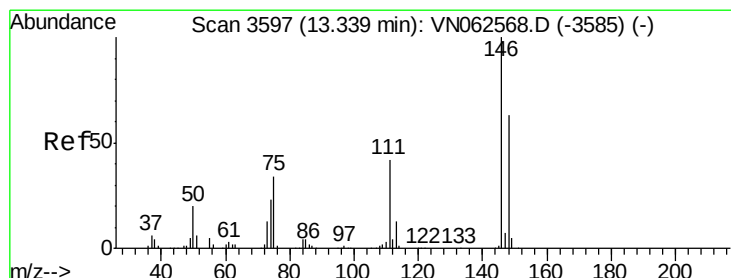
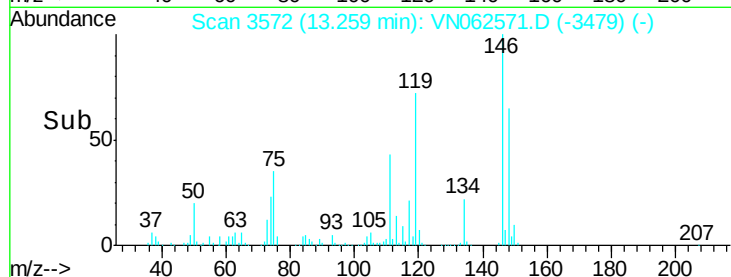
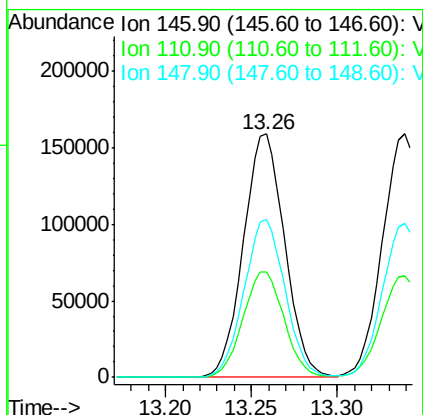
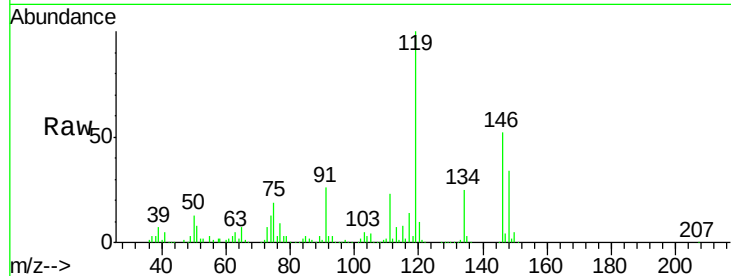




#87
 1,3-Dichlorobenzene
 Concen: 49.392 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

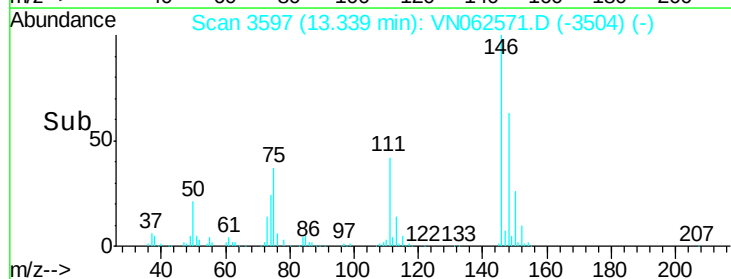
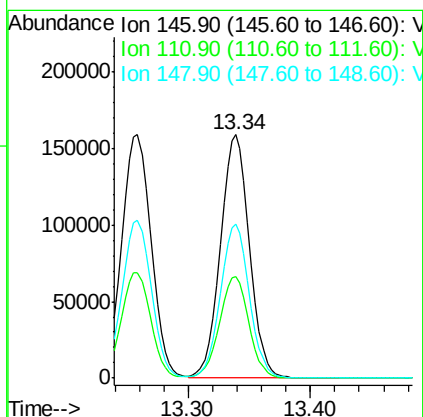
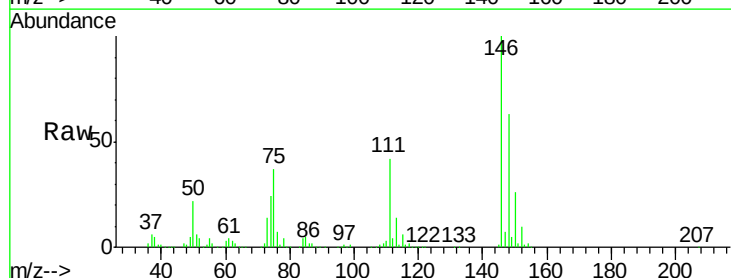
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

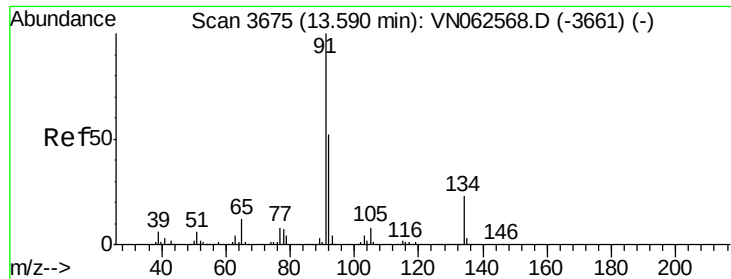
Tot Ion:146 Resp: 264764
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.6 64.6
 148 64.5 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.247 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion:146 Resp: 265148
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.1
 148 63.0 31.6 94.8

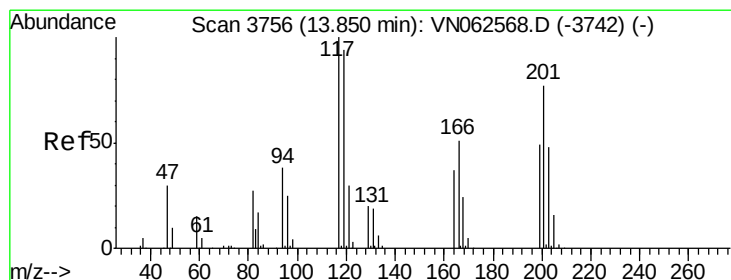
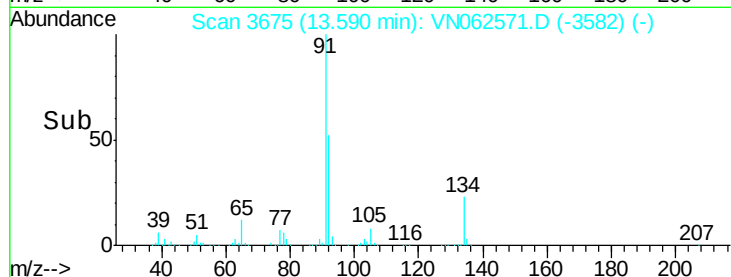
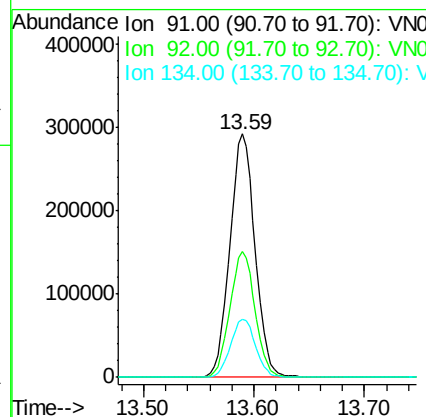
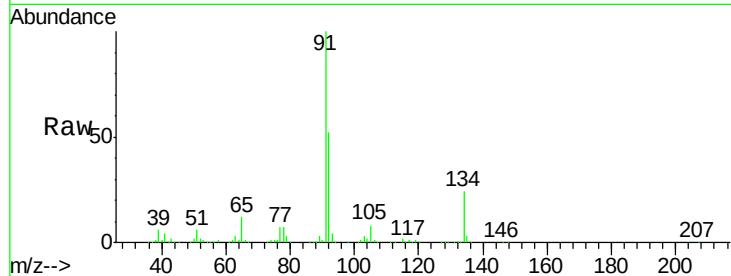




#89
n-Butylbenzene
Concen: 53.300 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

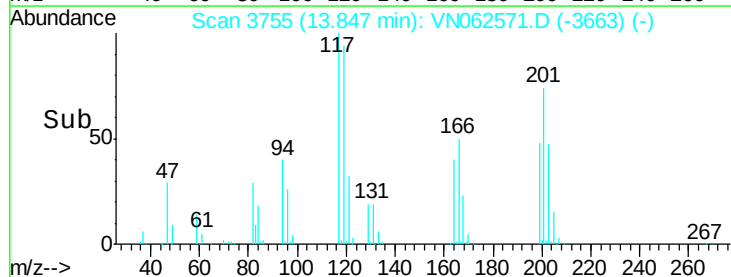
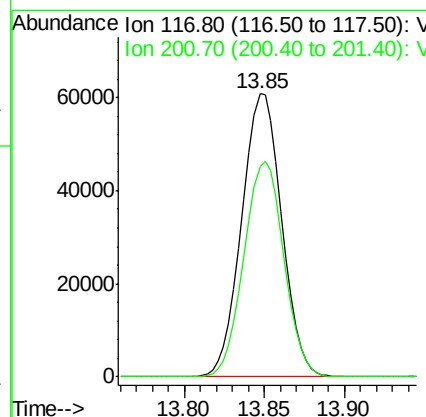
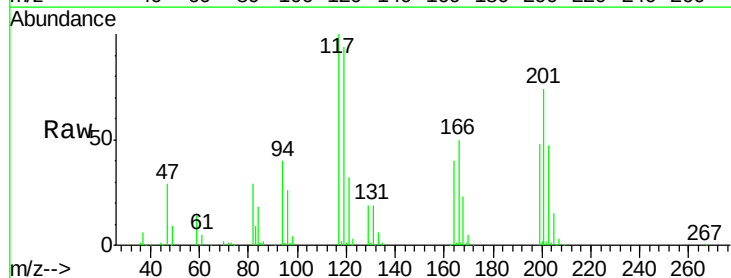
Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

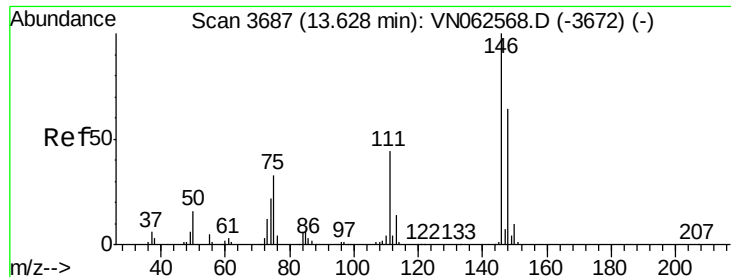
Tot Ion: 91 Resp: 461692
Ion Ratio Lower Upper
91 100
92 51.5 25.8 77.3
134 23.8 11.8 35.3



#90
Hexachloroethane
Concen: 48.296 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion: 117 Resp: 103646
Ion Ratio Lower Upper
117 100
201 76.1 39.2 117.6

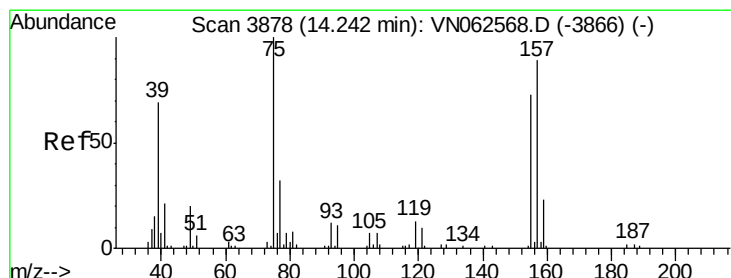
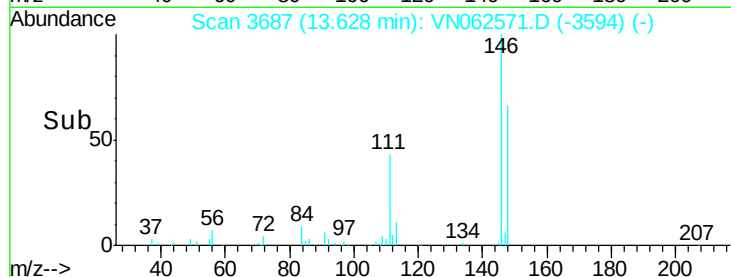
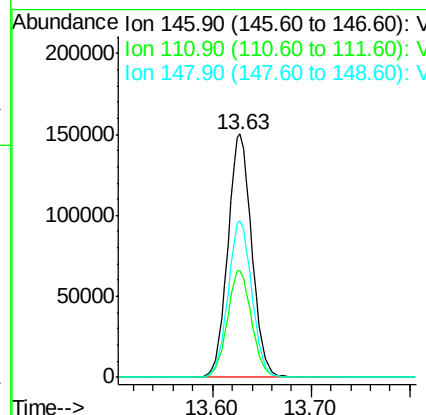
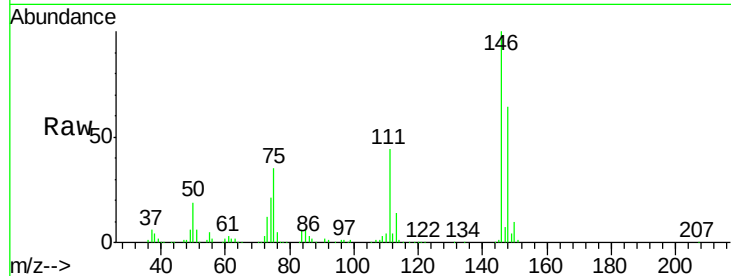




#91
 1,2-Dichlorobenzene
 Concen: 49.778 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

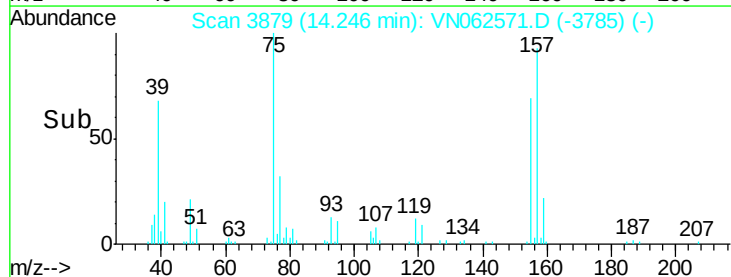
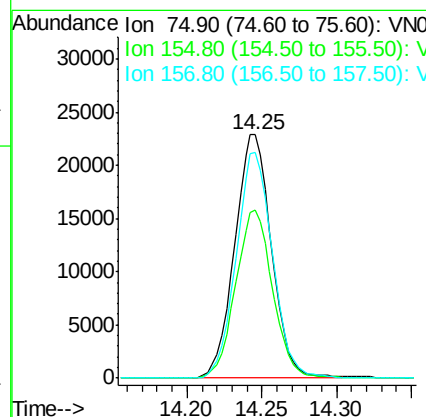
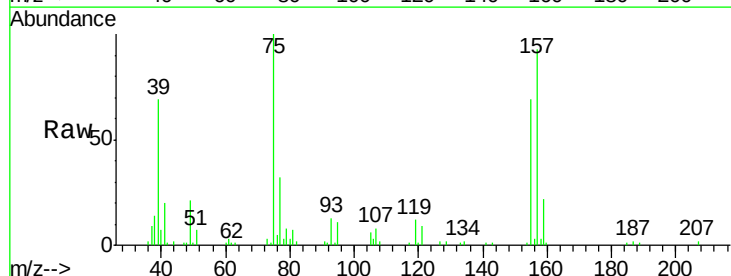
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

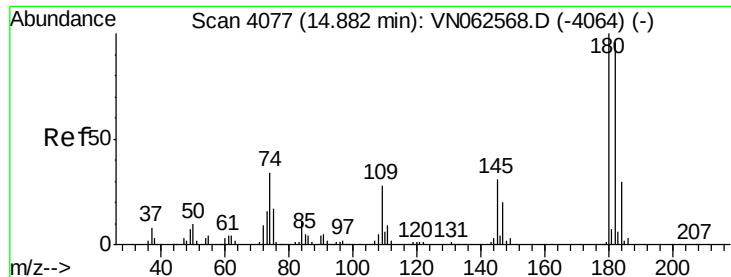
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.9	65.8
148	64.2	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.844 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.2	35.9	107.5
157	91.5	45.0	135.0

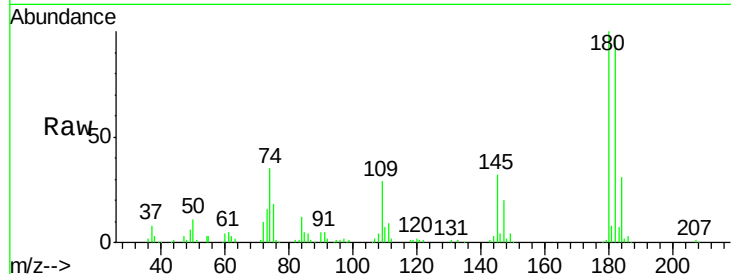




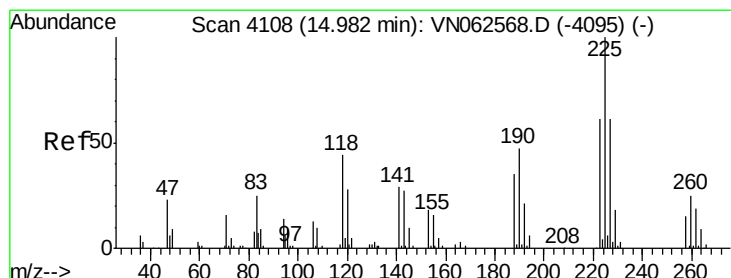
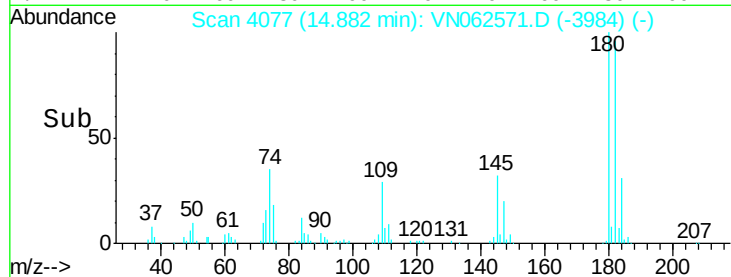
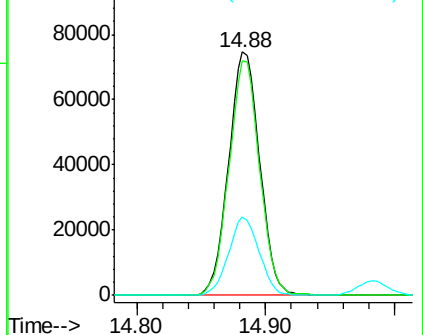
#93
 1,2,4-Trichlorobenzene
 Concen: 46.492 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN072120

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	31.6	15.3	45.9

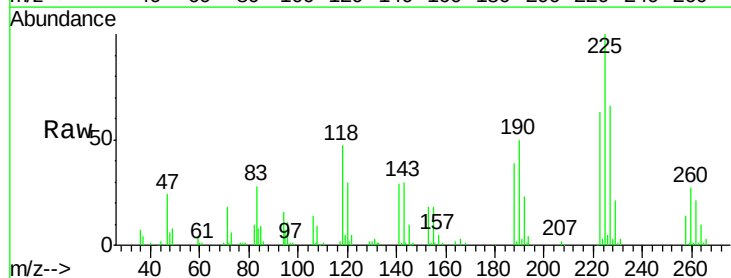


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

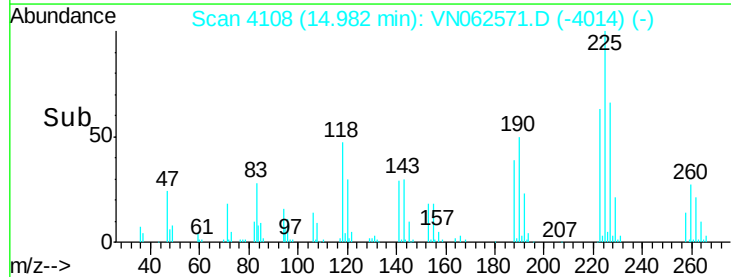
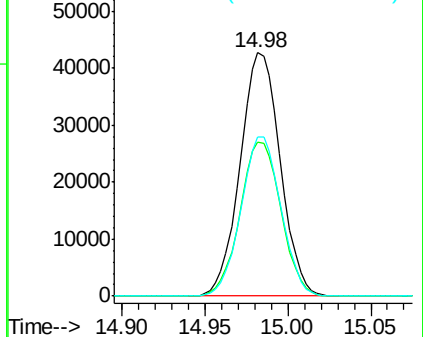


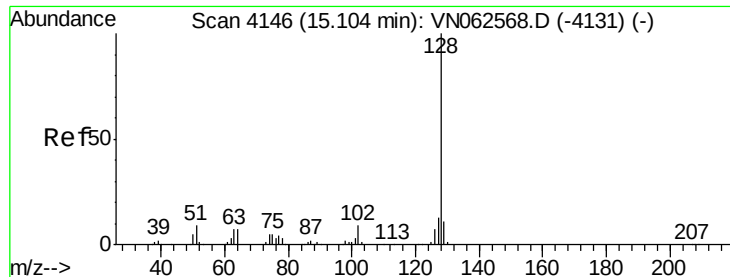
#94
 Hexachlorobutadiene
 Concen: 51.842 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062571.D
 Acq: 21 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	32.0	96.0
227	64.9	31.1	93.2



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

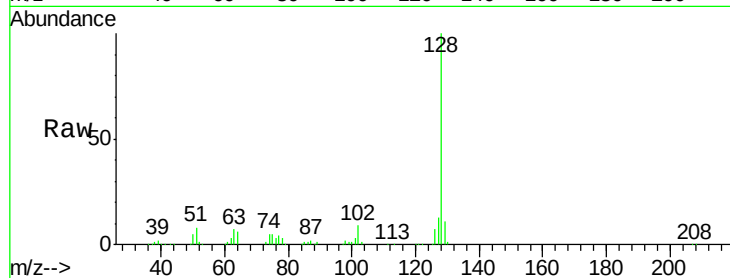




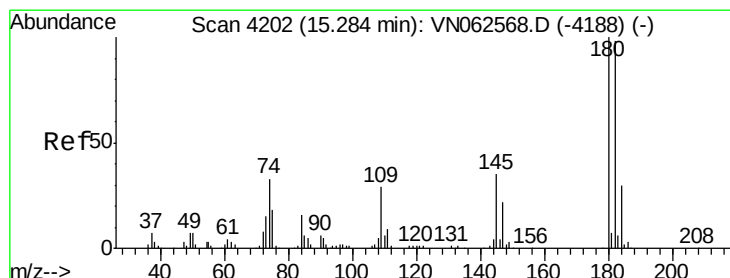
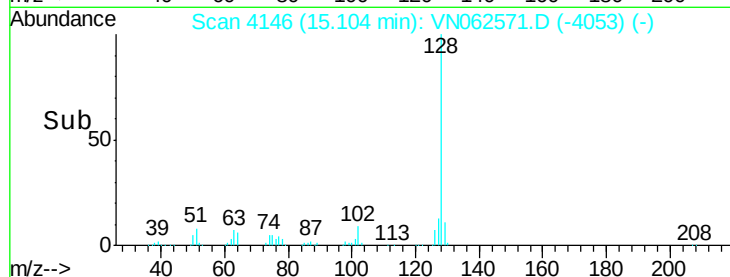
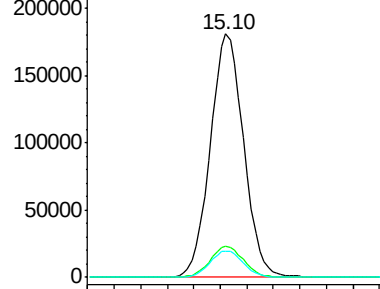
#95
Naphthalene
Concen: 44.567 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072120

Tot Ion:128 Resp: 315446
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.7 13.1

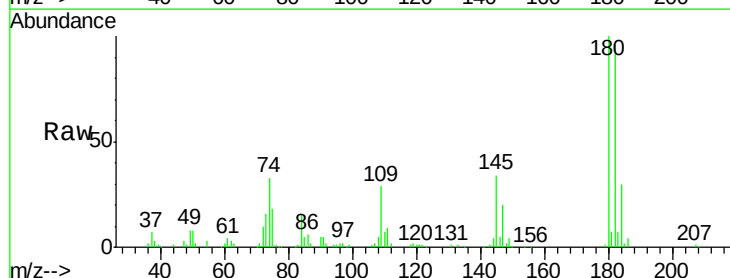


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 50.593 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062571.D
Acq: 21 Jul 2020 14:26

Tgt Ion:180 Resp: 122208
Ion Ratio Lower Upper
180 100
182 96.8 48.1 144.3
145 33.8 16.7 50.1



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

