

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081720\
 Data File : VN062971.D
 Acq On : 17 Aug 2020 14:38
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 17 15:02:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 14:58:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	234941	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	330833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	317960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	165317	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	117285	32.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.02%	
35) Dibromofluoromethane	7.55	113	104167	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
50) Toluene-d8	10.06	98	410956	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
62) 4-Bromofluorobenzene	12.38	95	143352	44.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.14%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	143645	44.232	ug/l 100
3) Chloromethane	2.03	50	130252	42.126	ug/l 100
4) Vinyl Chloride	2.16	62	175935	57.548	ug/l 100
5) Bromomethane	2.51	94	106139	52.345	ug/l 100
6) Chloroethane	2.66	64	111206	55.465	ug/l 100
7) Trichlorofluoromethane	2.98	101	228565	43.900	ug/l 100
8) Diethyl Ether	3.37	74	63133	42.682	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	98448	42.357	ug/l 100
10) Methyl Iodide	3.91	142	141407	54.444	ug/l 100
11) Tert butyl alcohol	4.74	59	97757	167.104	ug/l 100
12) 1,1-Dichloroethene	3.69	96	92756	42.064	ug/l 100
13) Acrolein	3.57	56	65365	180.040	ug/l 100
14) Allyl chloride	4.27	41	150448	37.877	ug/l 100
15) Acrylonitrile	4.93	53	295769	208.428	ug/l 100
16) Acetone	3.77	43	213314	161.408	ug/l 100
17) Carbon Disulfide	4.01	76	254305	39.156	ug/l 100
18) Methyl Acetate	4.28	43	122082	34.298	ug/l 100
19) Methyl tert-butyl Ether	4.99	73	342272	39.426	ug/l 100
20) Methylene Chloride	4.50	84	116648	41.417	ug/l 100
21) trans-1,2-Dichloroethene	4.99	96	102203	44.101	ug/l 100
22) Diisopropyl ether	5.90	45	346936	41.236	ug/l 100
23) Vinyl Acetate	5.84	43	1179502	185.372	ug/l 100
24) 1,1-Dichloroethane	5.80	63	195187	39.354	ug/l 100
25) 2-Butanone	6.79	43	323596	173.771	ug/l 100
26) 2,2-Dichloropropane	6.78	77	145594	32.573	ug/l 100
27) cis-1,2-Dichloroethene	6.78	96	118924	42.995	ug/l 100
28) Bromochloromethane	7.15	49	94989	39.606	ug/l 100
29) Tetrahydrofuran	7.17	42	221186	182.410	ug/l 100
30) Chloroform	7.33	83	194435	37.200	ug/l 100
31) Cyclohexane	7.61	56	179527	39.702	ug/l 100
32) 1,1,1-Trichloroethane	7.53	97	161732	35.083	ug/l 100
36) 1,1-Dichloropropene	7.75	75	133367	42.537	ug/l 100
37) Ethyl Acetate	6.88	43	123704	38.445	ug/l 100
38) Carbon Tetrachloride	7.73	117	146980	39.747	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	187335	48.529	ug/l	100
40) Benzene	8.00	78	433405	45.519	ug/l	100
41) Methacrylonitrile	7.12	41	53414	37.689	ug/l	100
42) 1,2-Dichloroethane	8.09	62	139956	35.989	ug/l	100
43) Isopropyl Acetate	8.13	43	202185	37.739	ug/l	100
44) Trichloroethene	8.80	130	116313	49.315	ug/l	100
45) 1,2-Dichloropropane	9.09	63	115841	45.315	ug/l	100
46) Dibromomethane	9.18	93	76088	45.380	ug/l	100
47) Bromodichloromethane	9.37	83	156828	42.325	ug/l	100
48) Methyl methacrylate	9.17	41	99664	37.943	ug/l	100
49) 1,4-Dioxane	9.17	88	43008	872.769	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	685504	198.097	ug/l	100
52) Toluene	10.12	92	282792	48.016	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	168898	41.608	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	185489	44.785	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	117848	46.725	ug/l	100
56) Ethyl methacrylate	10.40	69	169165	45.771	ug/l	100
57) 1,3-Dichloropropane	10.68	76	189318	44.914	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	190751	186.487	ug/l	100
59) 2-Hexanone	10.72	43	507074	197.471	ug/l	100
60) Dibromochloromethane	10.87	129	134824	47.222	ug/l	100
61) 1,2-Dibromoethane	10.98	107	119853	48.226	ug/l	100
64) Tetrachloroethene	10.60	164	108518	52.175	ug/l	100
65) Chlorobenzene	11.41	112	320700	48.462	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	124966	47.387	ug/l	100
67) Ethyl Benzene	11.48	91	547020	46.842	ug/l	100
68) m/p-Xylenes	11.60	106	430552	100.571	ug/l	100
69) o-Xylene	11.92	106	204509	51.089	ug/l	100
70) Styrene	11.94	104	361668	51.433	ug/l	100
71) Bromoform	12.10	173	110047	50.513	ug/l #	100
73) Isopropylbenzene	12.22	105	554105	45.463	ug/l	100
74) N-amyl acetate	12.05	43	185065	38.939	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	178595	41.665	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	217023	50.708	ug/l #	100
77) Bromobenzene	12.50	156	152606	49.110	ug/l	100
78) n-propylbenzene	12.57	91	635766	44.590	ug/l	100
79) 2-Chlorotoluene	12.65	91	375036	42.147	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	486452	46.091	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	58572	42.117	ug/l	100
82) 4-Chlorotoluene	12.75	91	396821	43.178	ug/l	100
83) tert-Butylbenzene	12.97	119	416951	46.469	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	479625	47.472	ug/l	100
85) sec-Butylbenzene	13.15	105	546160	46.414	ug/l	100
86) p-Isopropyltoluene	13.26	119	502568	48.060	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	271723	49.348	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	269513	48.641	ug/l	100
89) n-Butylbenzene	13.59	91	395246	45.000	ug/l	100
90) Hexachloroethane	13.85	117	92266	41.241	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	262473	50.671	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31627	35.752	ug/l	100

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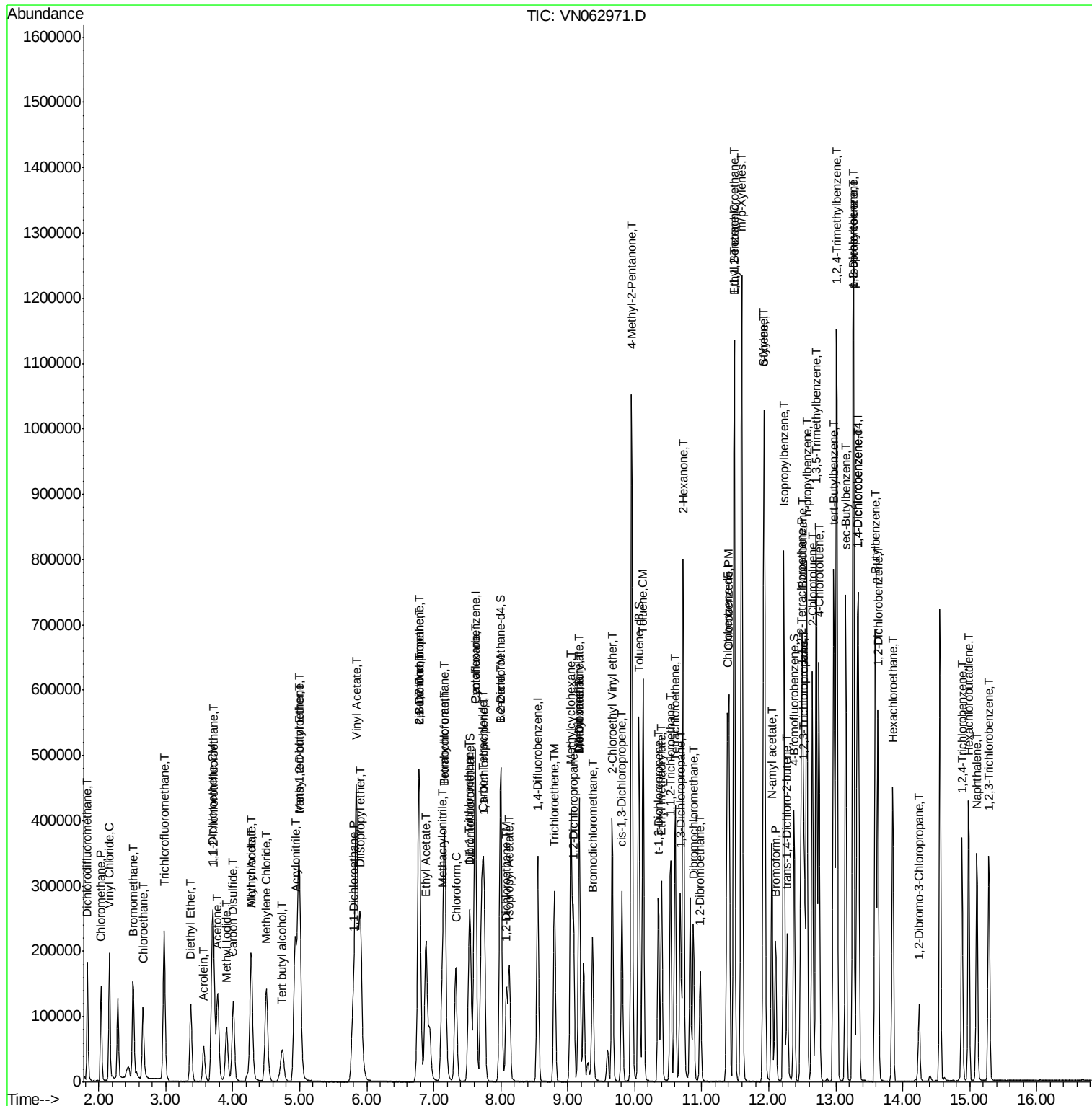
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	134441	54.821	ug/l	100
94) Hexachlorobutadiene	14.98	225	96342	52.391	ug/l	100
95) Naphthalene	15.10	128	313523	49.811	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	132783	55.938	ug/l	100

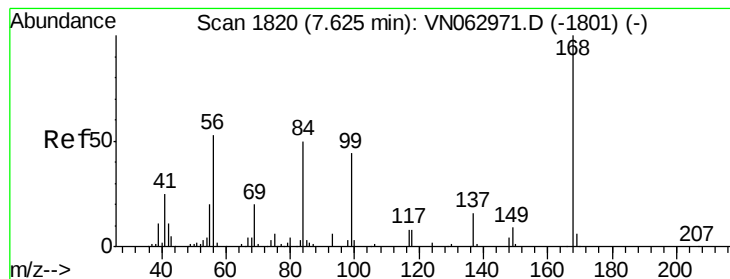
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

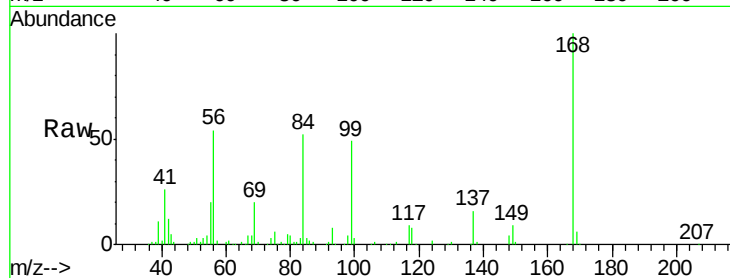
VSTDICCC050

Tgt Ion:168 Resp: 234941

Ion Ratio Lower Upper

168 100

99 49.2 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

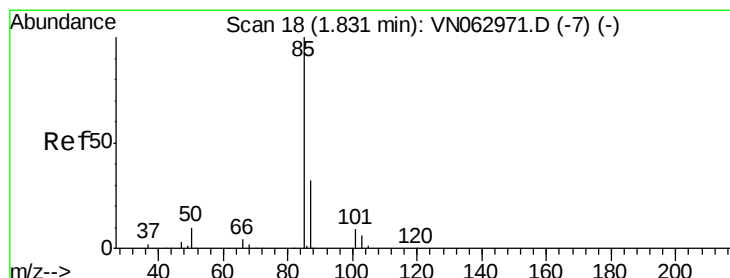
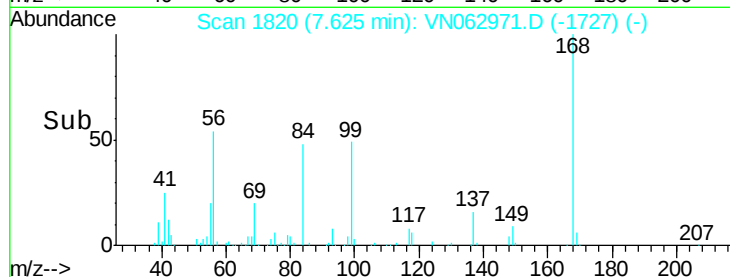
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 44.232 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062971.D

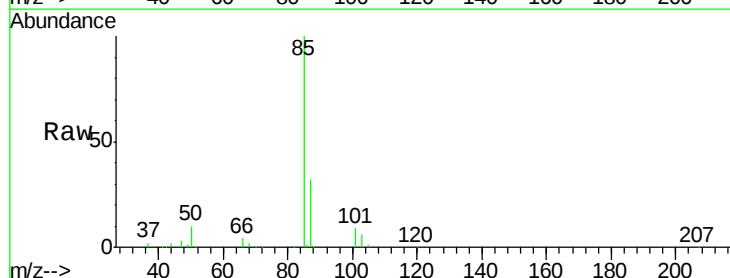
Acq: 17 Aug 2020 14:38

Tgt Ion: 85 Resp: 143645

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

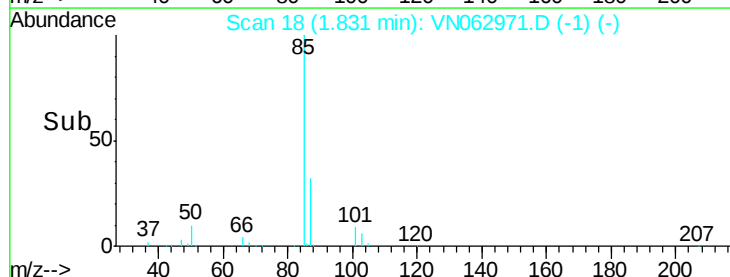
60000

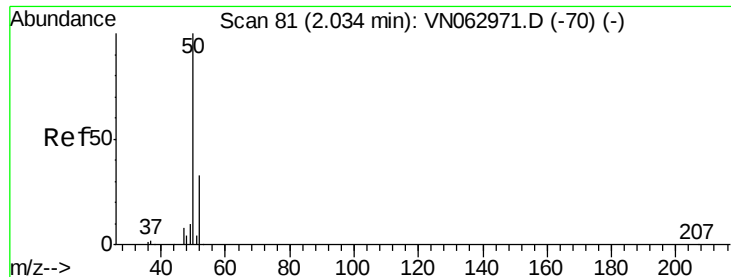
40000

20000

0

Time--> 1.75 1.80 1.85 1.90

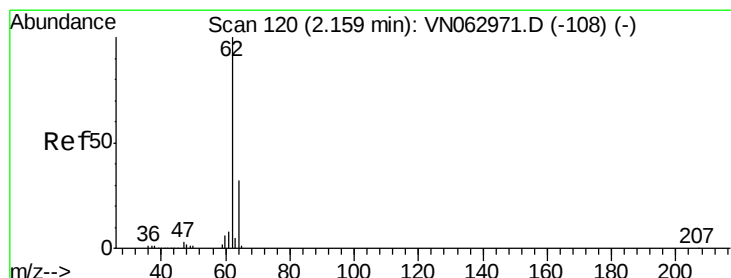
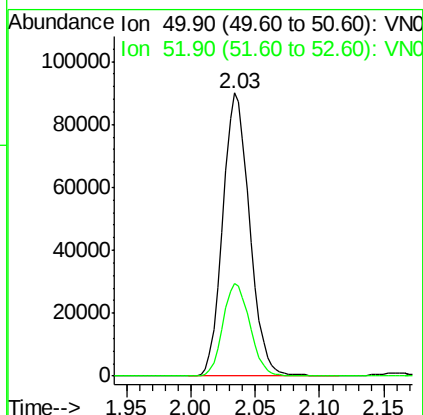
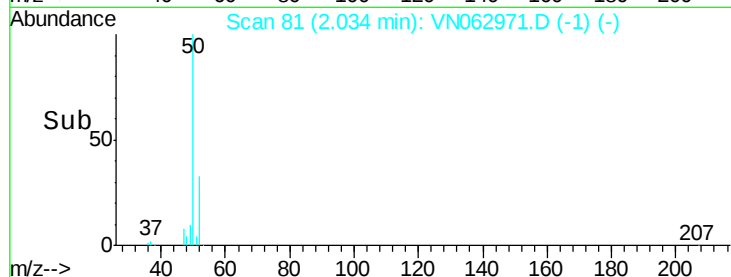
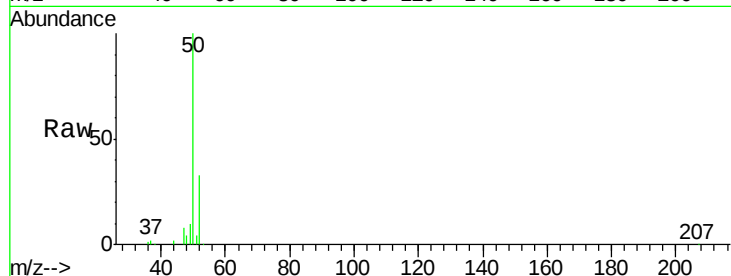




#3
Chloromethane
Concen: 42.126 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

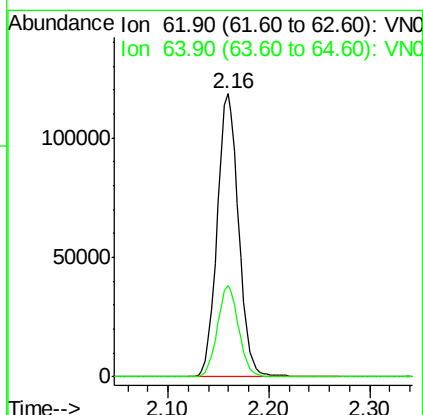
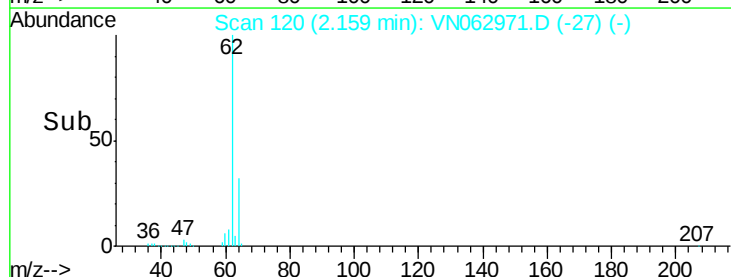
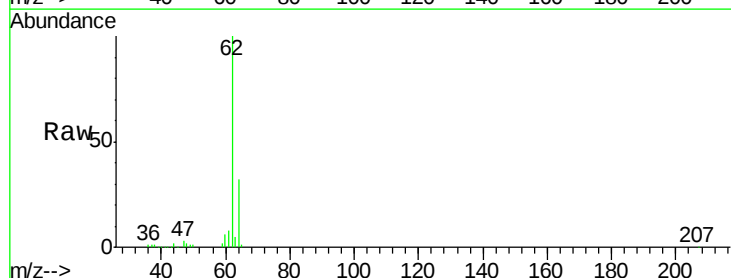
Instrument :
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VSTDICCC050

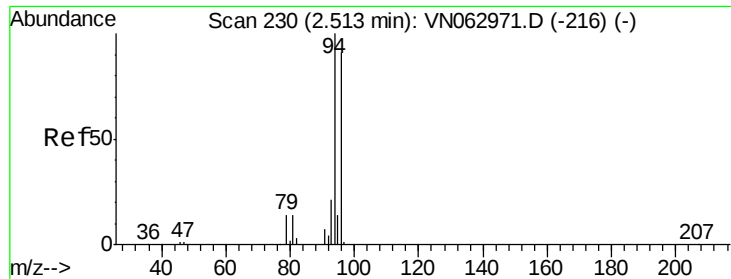
Tgt Ion: 50 Resp: 130252
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 57.548 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Tgt Ion: 62 Resp: 175935
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





#5

Bromomethane

Concen: 52.345 ug/l

RT: 2.51 min Scan# 230

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

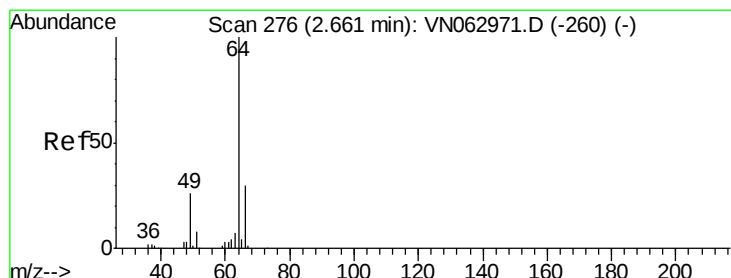
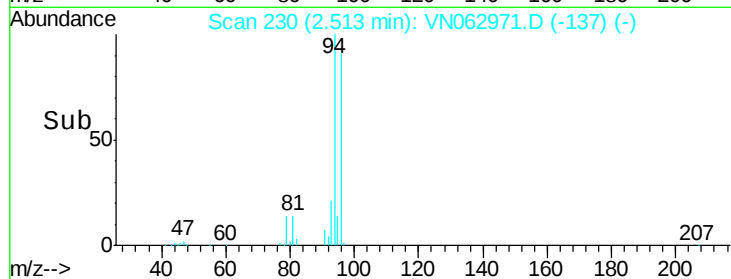
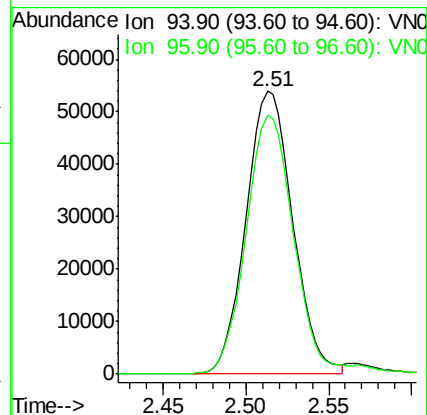
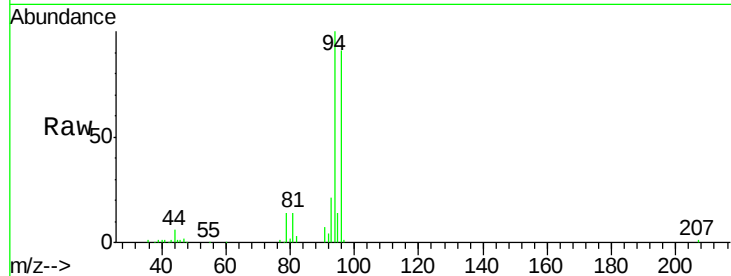
VSTDICCC050

Tgt Ion: 94 Resp: 106139

Ion Ratio Lower Upper

94 100

96 91.1 72.9 109.3



#6

Chloroethane

Concen: 55.465 ug/l

RT: 2.66 min Scan# 276

Delta R.T. 0.00 min

Lab File: VN062971.D

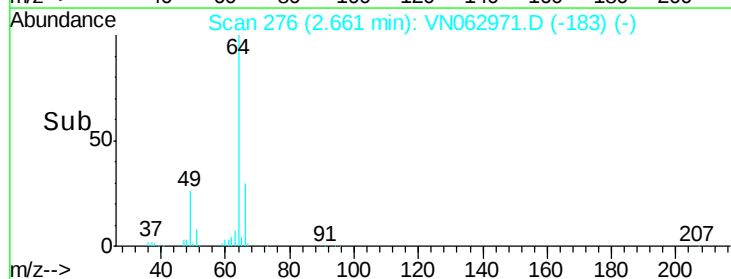
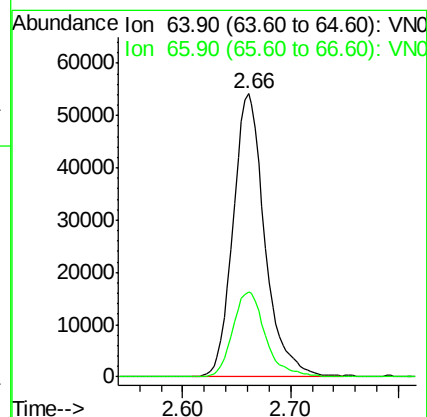
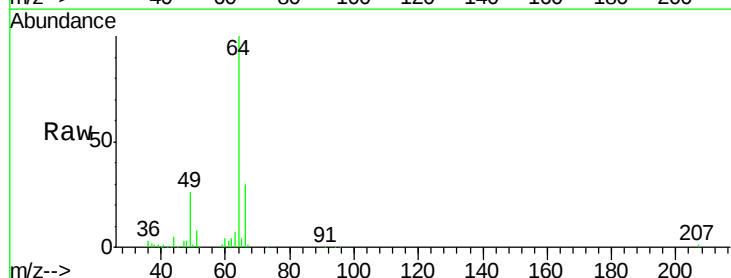
Acq: 17 Aug 2020 14:38

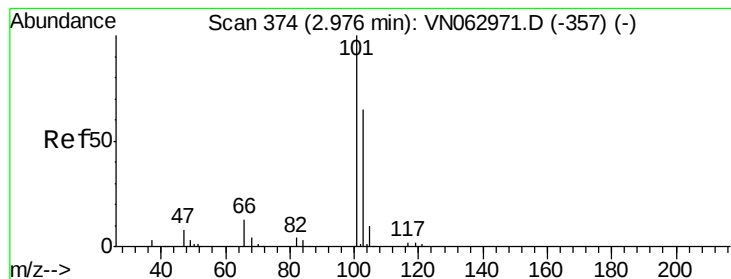
Tgt Ion: 64 Resp: 111206

Ion Ratio Lower Upper

64 100

66 29.8 23.8 35.8



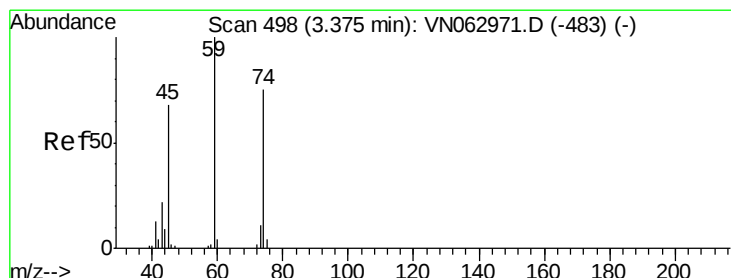
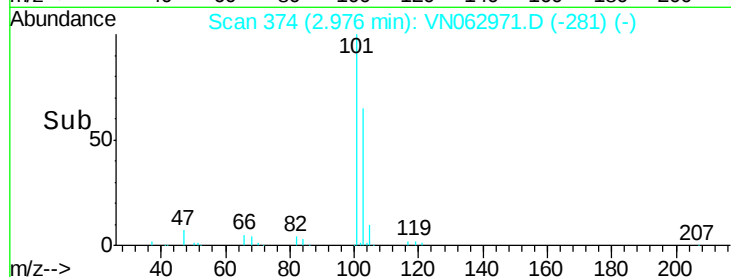
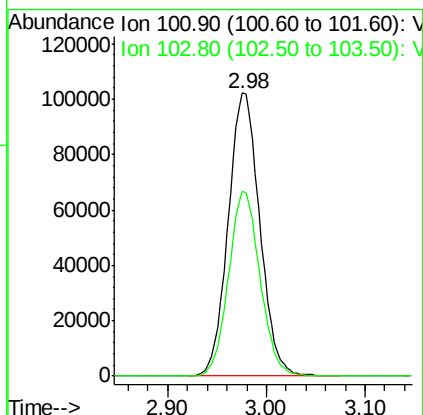
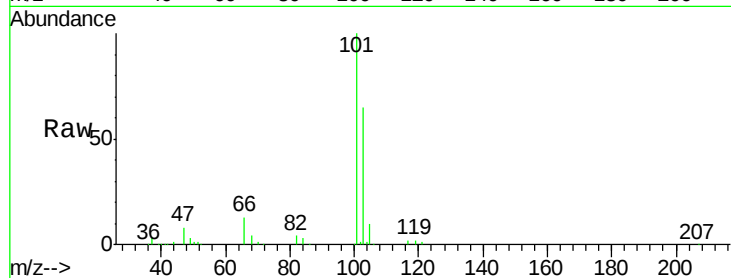


#7

Trichlorofluoromethane
 Concen: 43.900 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VN062971.D
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 VSTDICCC050

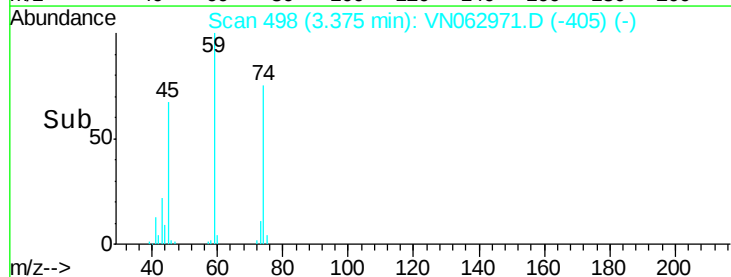
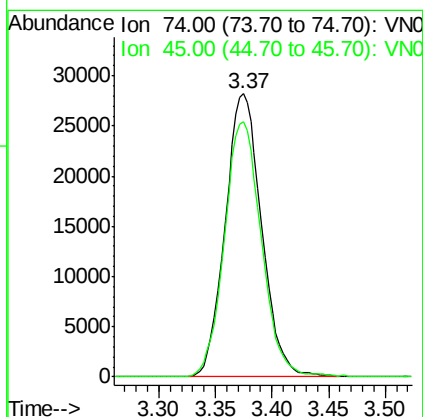
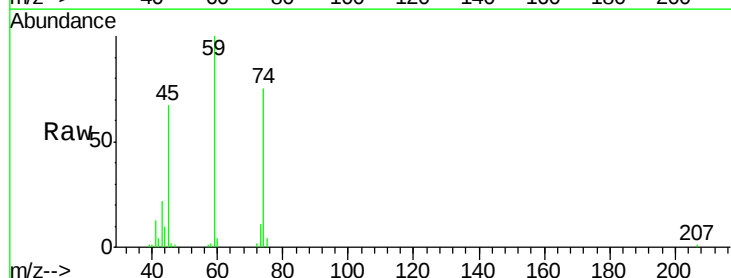
Tgt Ion:101 Resp: 228565
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.2 78.4

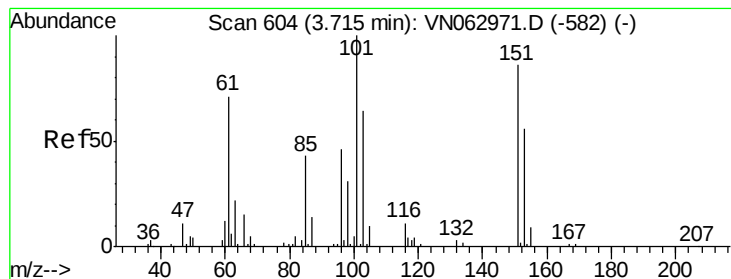


#8

Diethyl Ether
 Concen: 42.682 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion: 74 Resp: 63133
 Ion Ratio Lower Upper
 74 100
 45 91.4 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.357 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

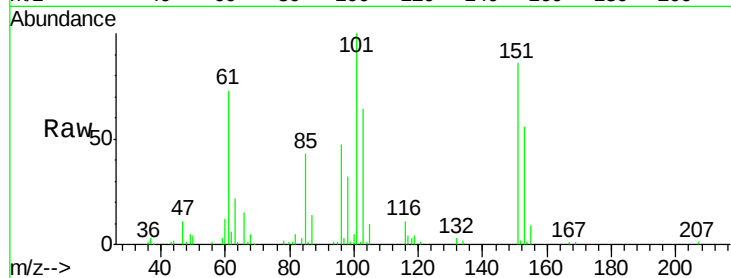
Tgt Ion:101 Resp: 98448

Ion Ratio Lower Upper

101 100

85 42.6 34.1 51.1

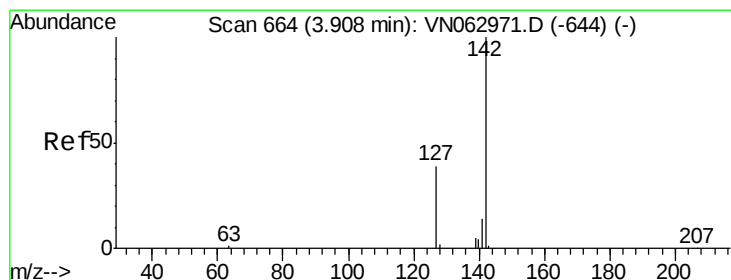
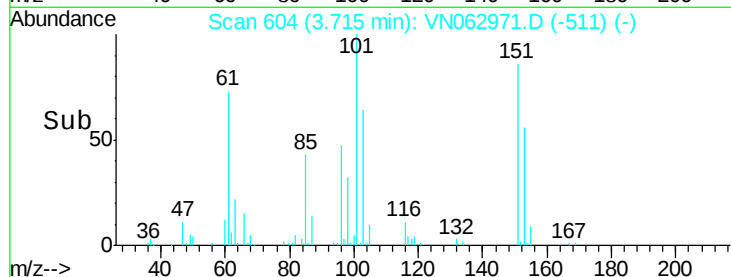
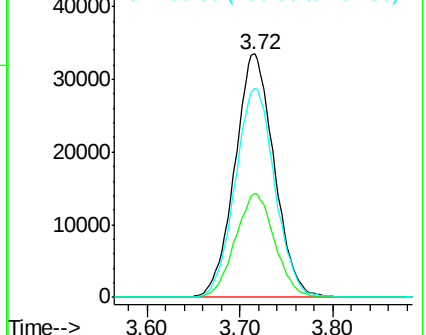
151 86.6 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.444 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

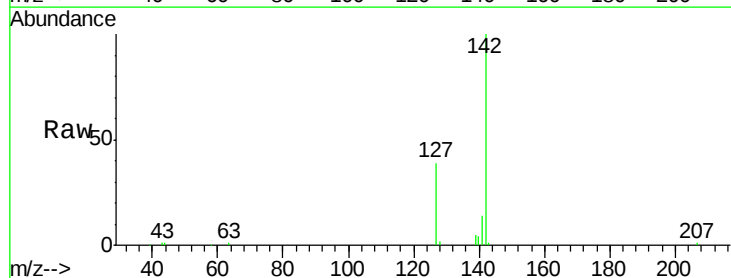
Tgt Ion:142 Resp: 141407

Ion Ratio Lower Upper

142 100

127 39.9 31.9 47.9

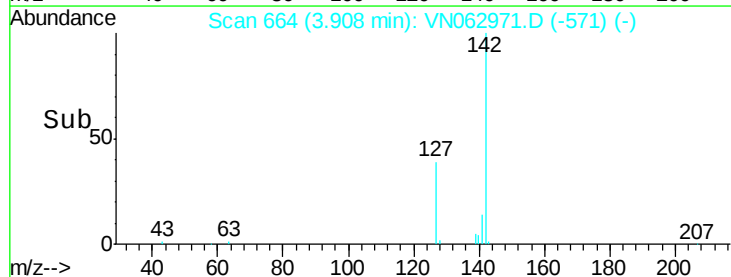
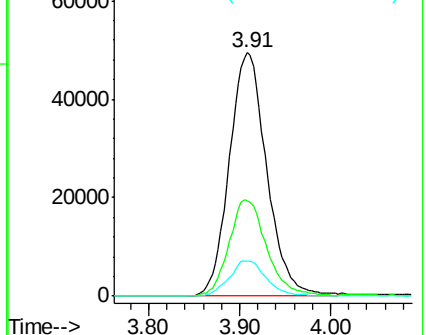
141 14.3 11.4 17.2

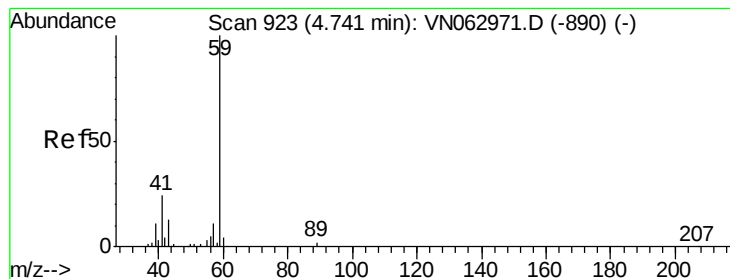


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



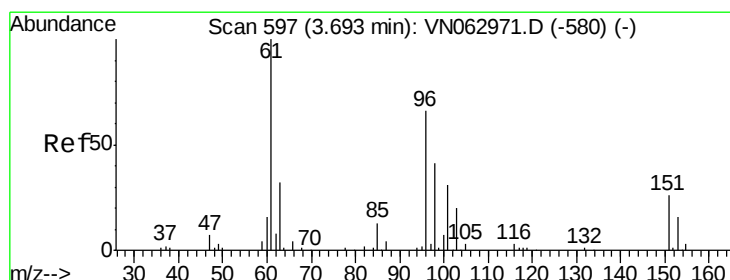
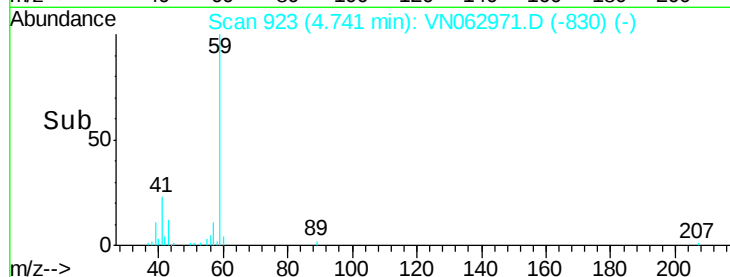
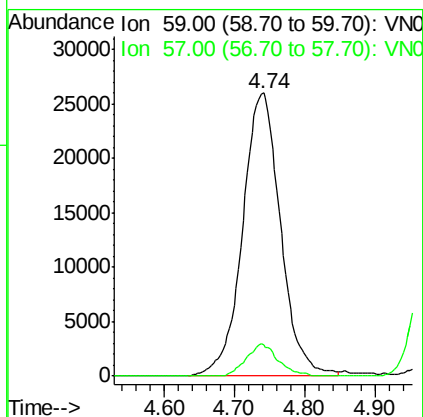
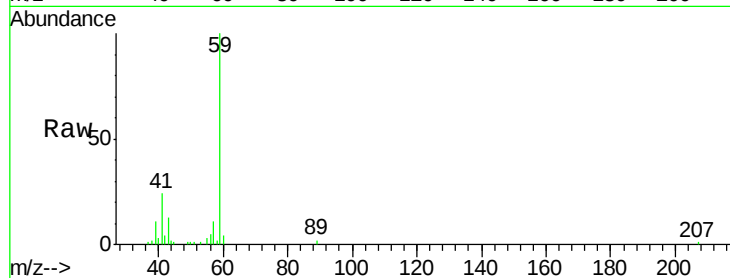


#11

Tert butyl alcohol
 Concen: 167.104 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

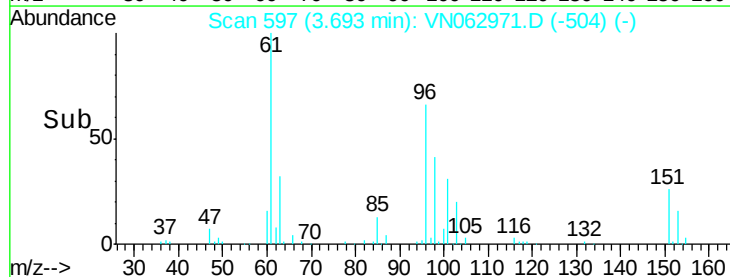
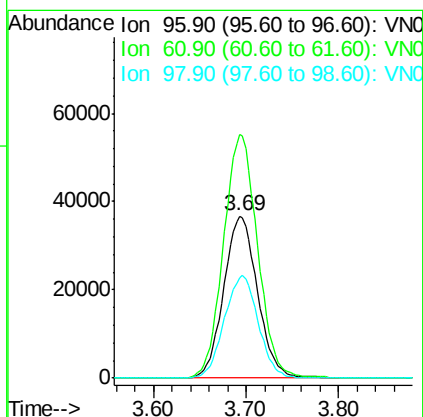
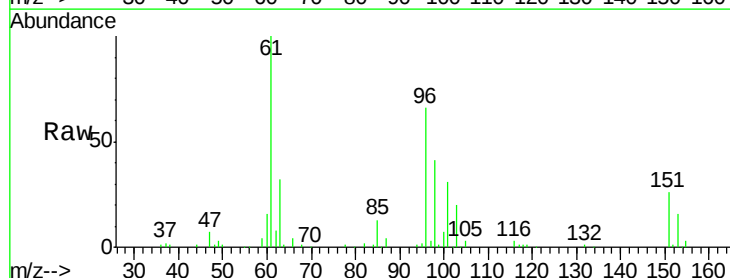
Tgt Ion: 59 Resp: 97757
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.6 11.4

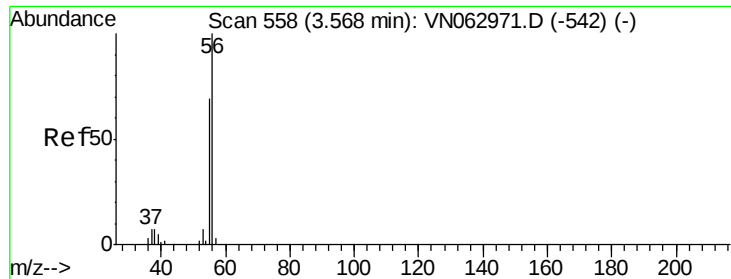


#12

1,1-Dichloroethene
 Concen: 42.064 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion: 96 Resp: 92756
 Ion Ratio Lower Upper
 96 100
 61 150.5 120.4 180.6
 98 62.2 49.8 74.6





#13

Acrolein

Concen: 180.040 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

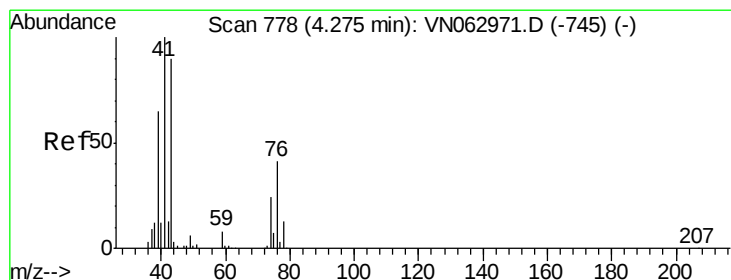
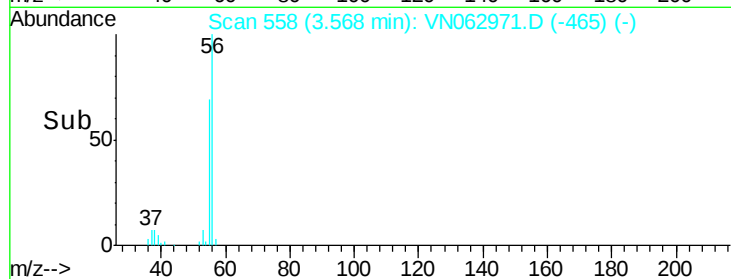
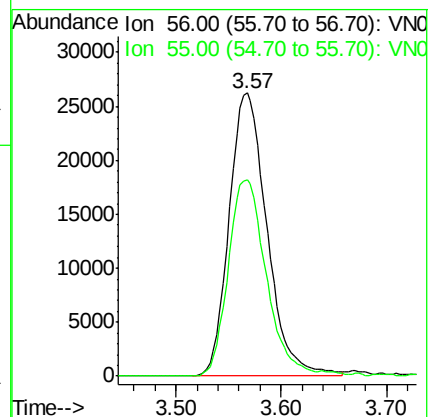
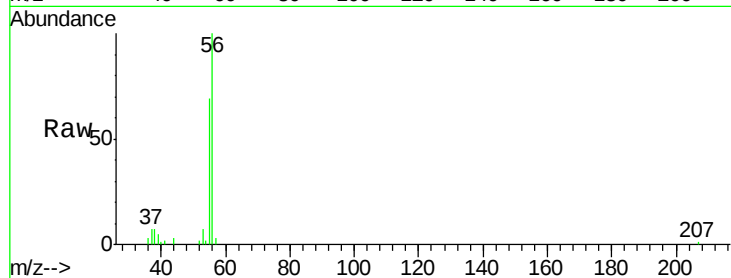
VSTDICCC050

Tgt Ion: 56 Resp: 65365

Ion Ratio Lower Upper

56 100

55 70.1 56.1 84.1



#14

Allyl chloride

Concen: 37.877 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

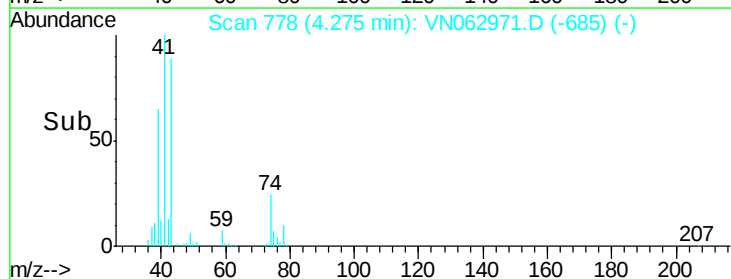
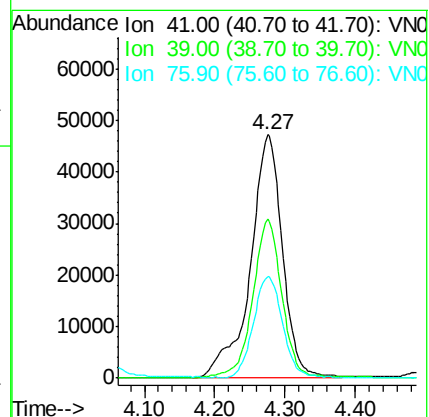
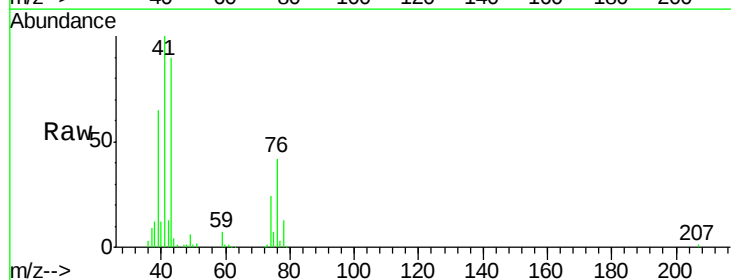
Tgt Ion: 41 Resp: 150448

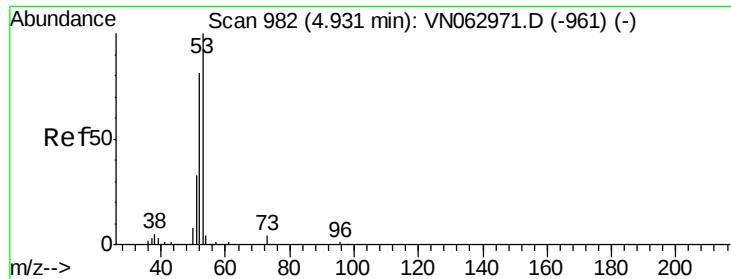
Ion Ratio Lower Upper

41 100

39 58.4 46.7 70.1

76 37.8 30.2 45.4

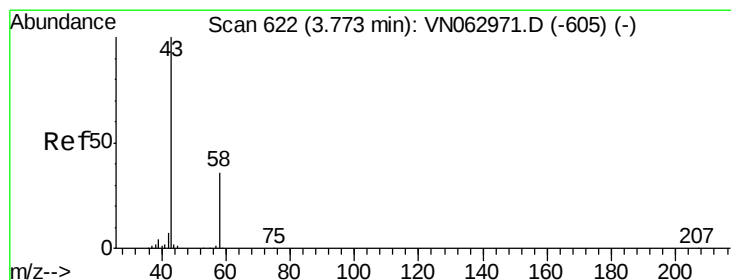
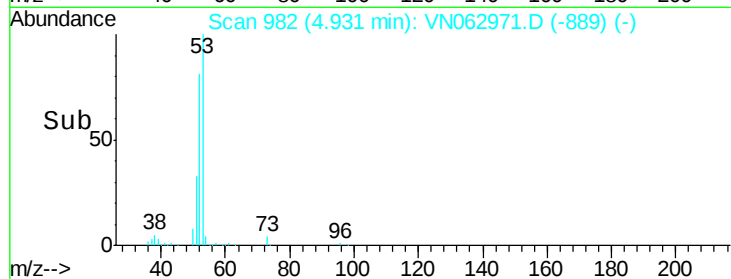
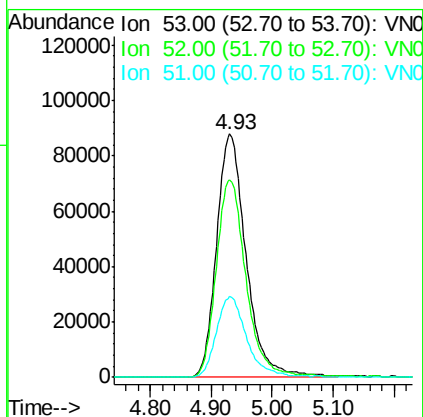
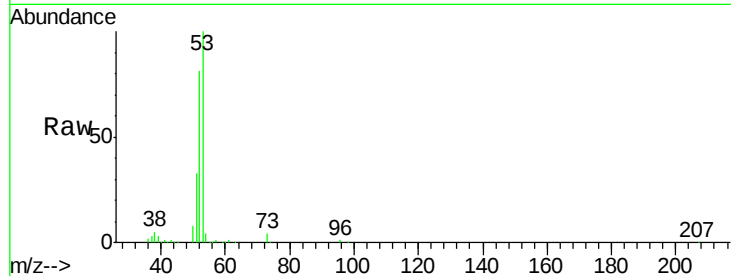




#15
 Acrylonitrile
 Concen: 208.428 ug/l
 RT: 4.93 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

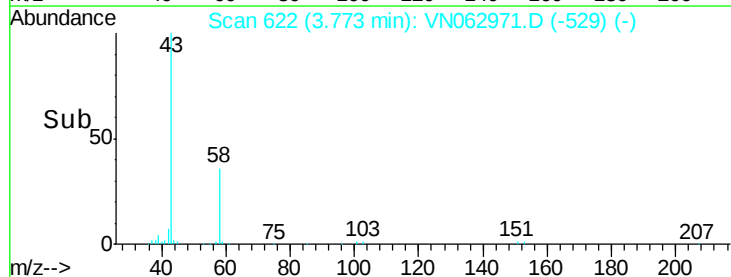
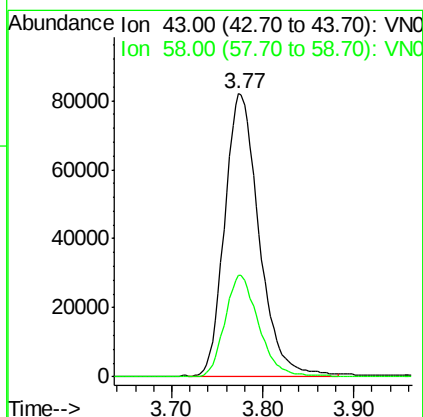
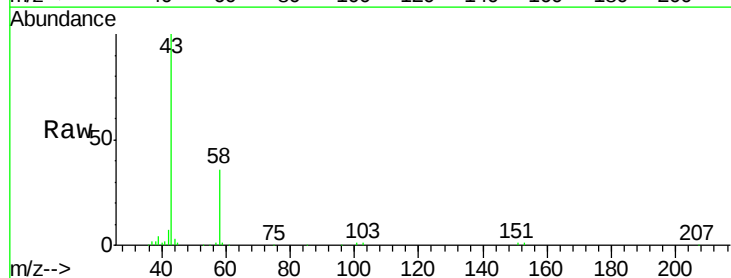
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

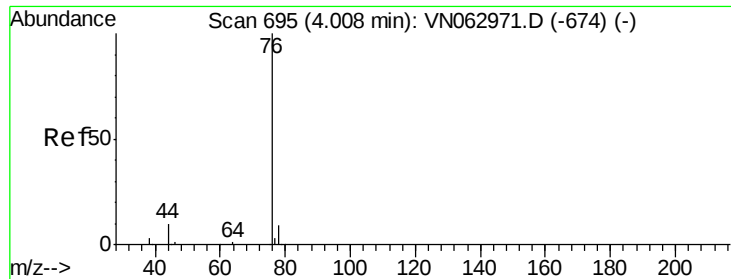
Tgt Ion: 53 Resp: 295769
 Ion Ratio Lower Upper
 53 100
 52 81.3 65.0 97.6
 51 34.3 27.4 41.2



#16
 Acetone
 Concen: 161.408 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion: 43 Resp: 213314
 Ion Ratio Lower Upper
 43 100
 58 35.9 28.7 43.1

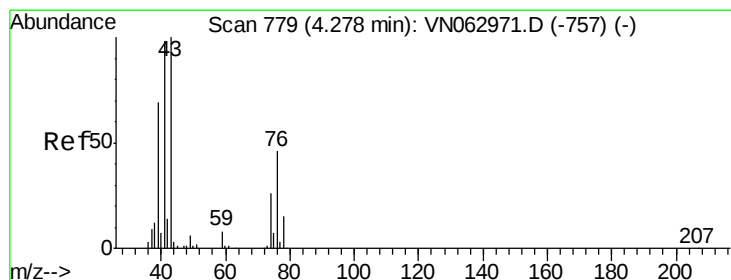
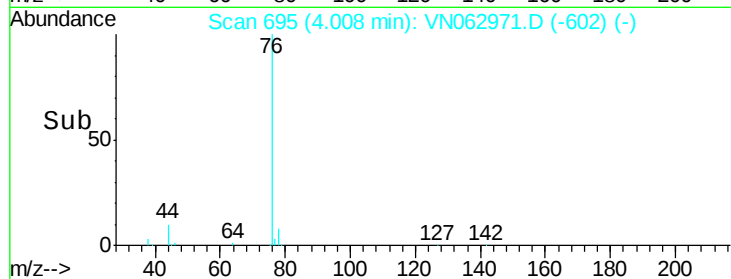
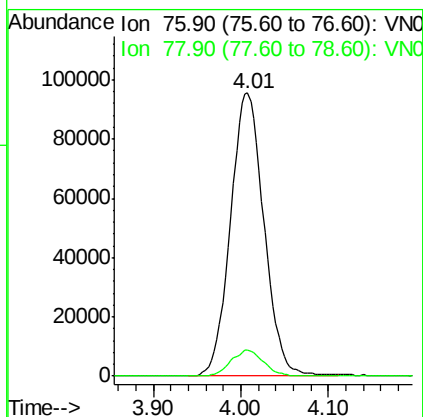
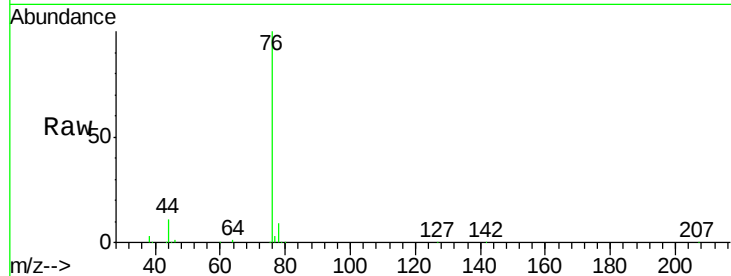




#17
Carbon Disulfide
Concen: 39.156 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

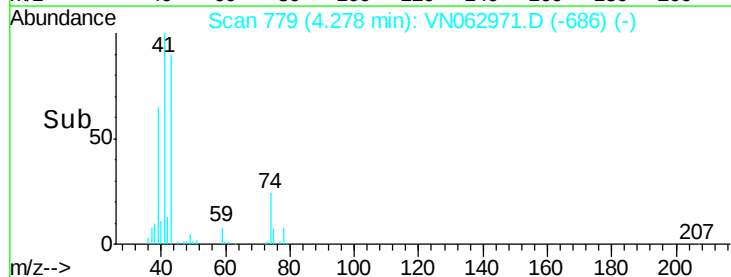
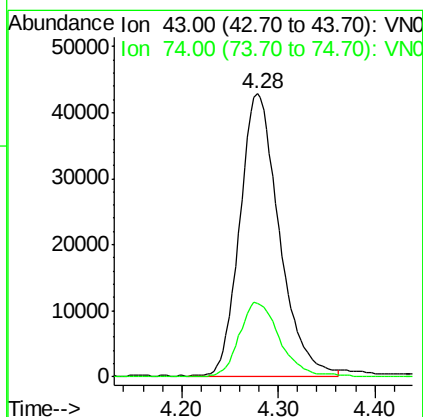
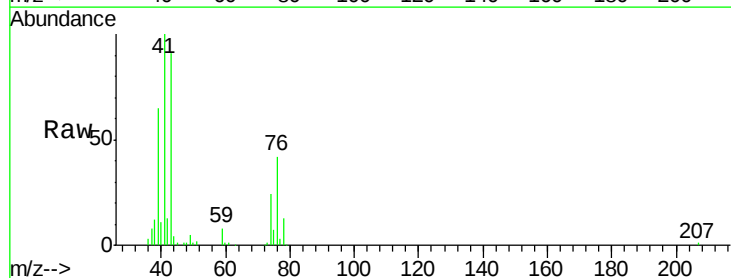
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

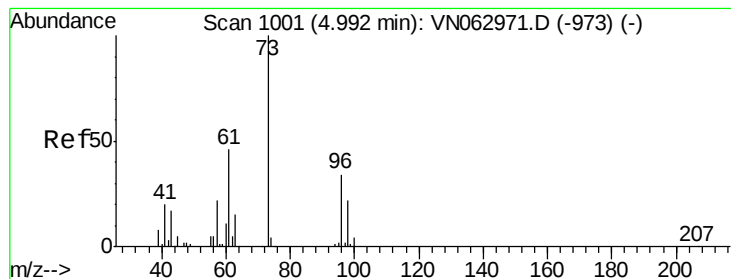
Tgt Ion: 76 Resp: 254305
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 34.298 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Tgt Ion: 43 Resp: 122082
Ion Ratio Lower Upper
43 100
74 27.0 21.6 32.4



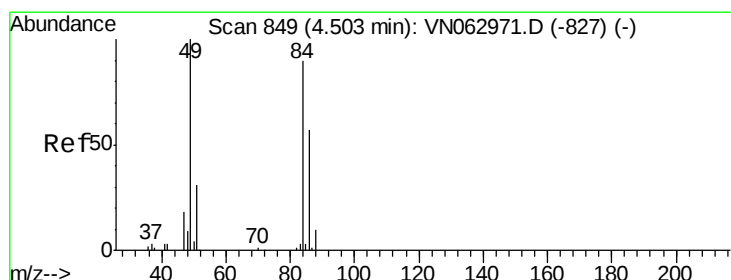
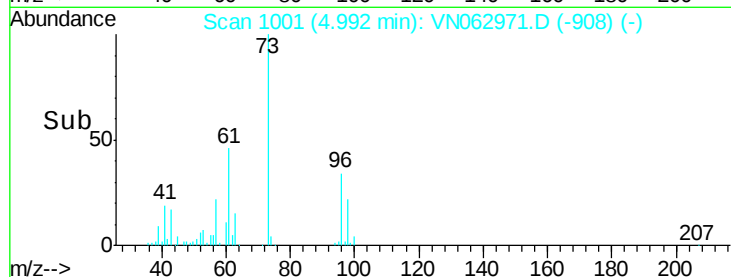
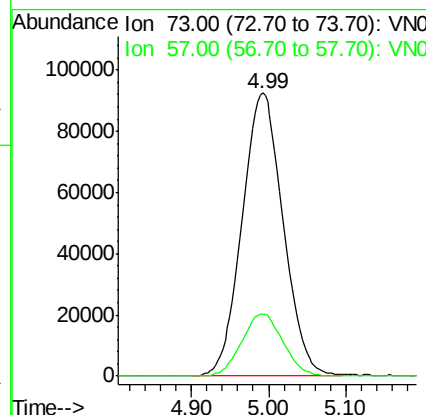
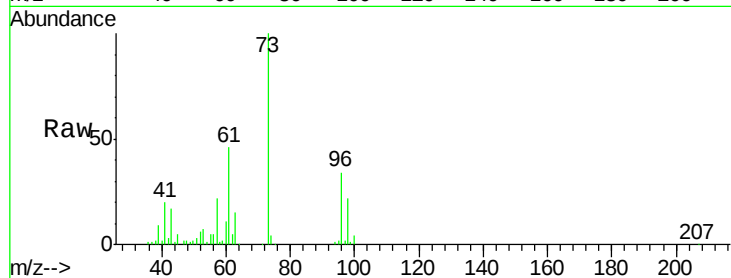


#19

Methyl tert-butyl Ether
 Concen: 39.426 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

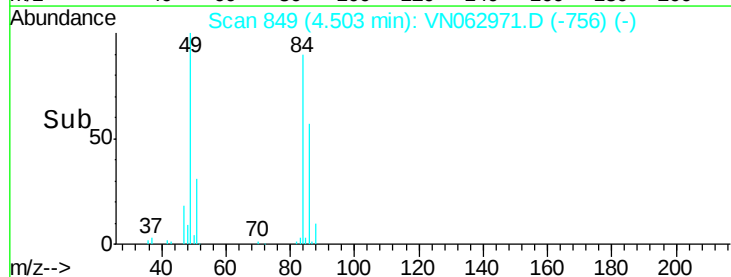
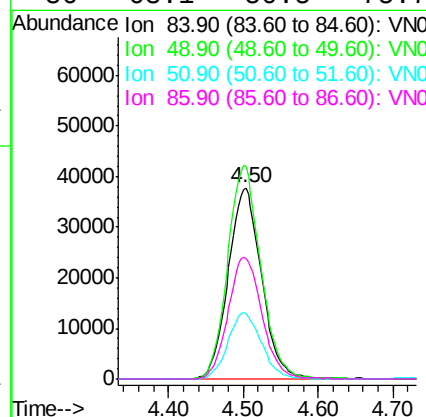
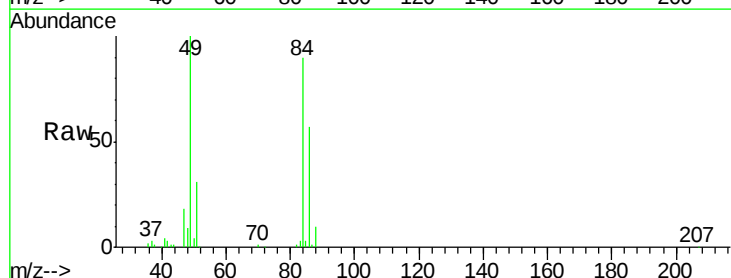
Tgt Ion: 73 Resp: 342272
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.6 26.4

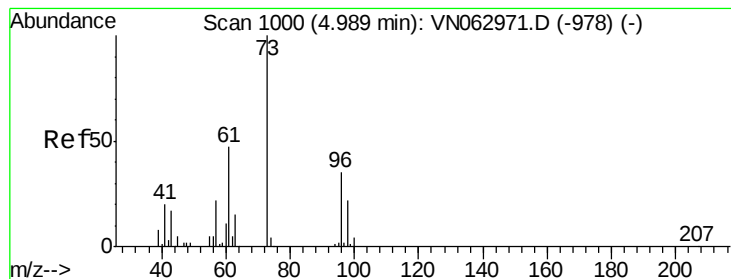


#20

Methylene Chloride
 Concen: 41.417 ug/l
 RT: 4.50 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion: 84 Resp: 116648
 Ion Ratio Lower Upper
 84 100
 49 111.0 88.8 133.2
 51 33.9 27.1 40.7
 86 63.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 44.101 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

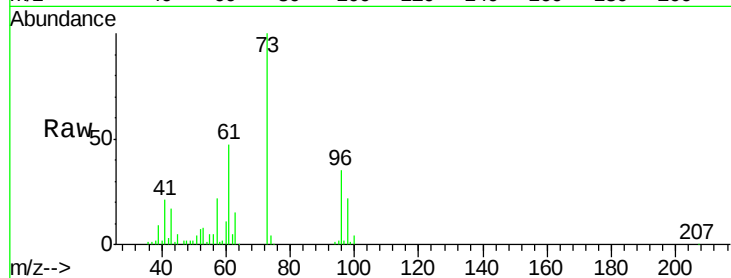
Tgt Ion: 96 Resp: 102203

Ion Ratio Lower Upper

96 100

61 134.6 107.7 161.5

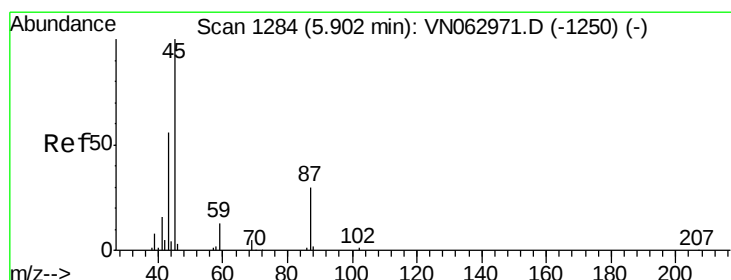
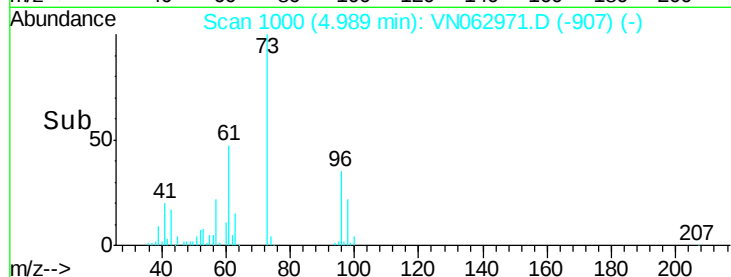
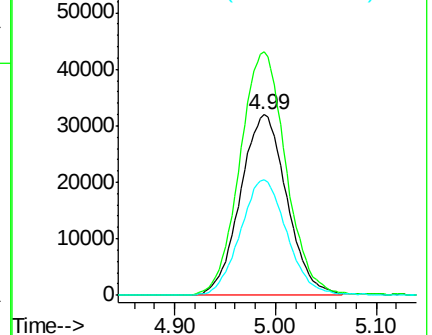
98 63.7 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062971.D (-978) (-)

Ion 60.90 (60.60 to 61.60): VN062971.D (-978) (-)

Ion 97.90 (97.60 to 98.60): VN062971.D (-978) (-)



#22

Diisopropyl ether

Concen: 41.236 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Tgt Ion: 45 Resp: 346936

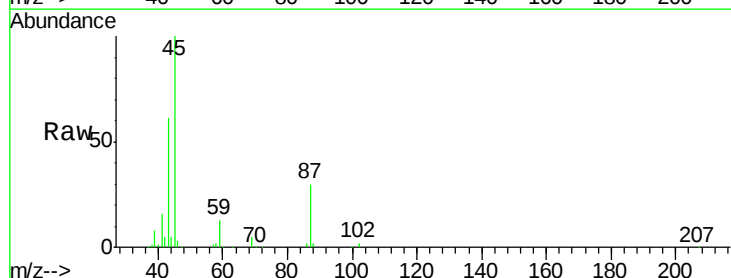
Ion Ratio Lower Upper

45 100

43 58.9 47.1 70.7

87 30.4 24.3 36.5

59 13.0 10.4 15.6

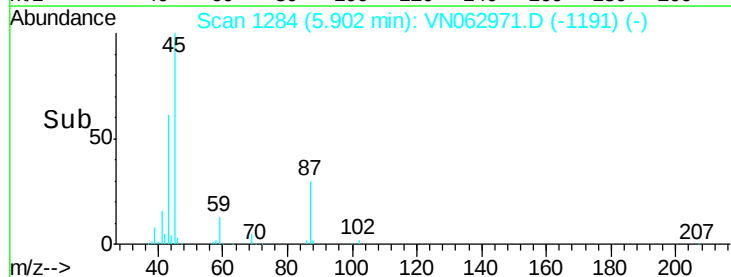
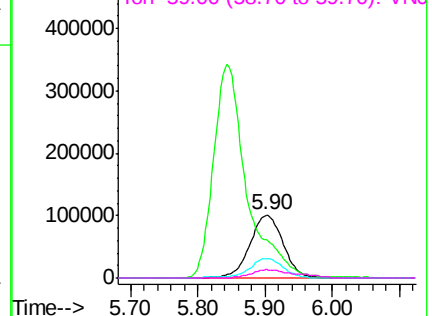


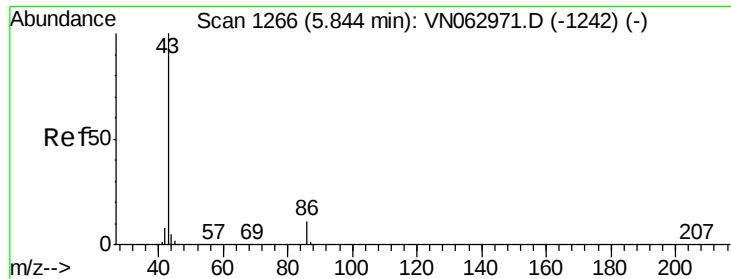
Abundance Ion 45.00 (44.70 to 45.70): VN062971.D (-1250) (-)

Ion 43.00 (42.70 to 43.70): VN062971.D (-1250) (-)

Ion 87.00 (86.70 to 87.70): VN062971.D (-1250) (-)

Ion 59.00 (58.70 to 59.70): VN062971.D (-1250) (-)





#23

Vinyl Acetate

Concen: 185.372 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

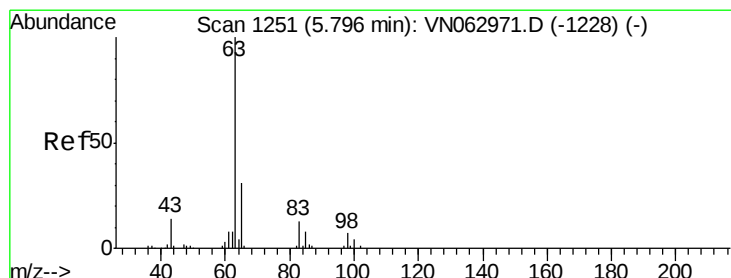
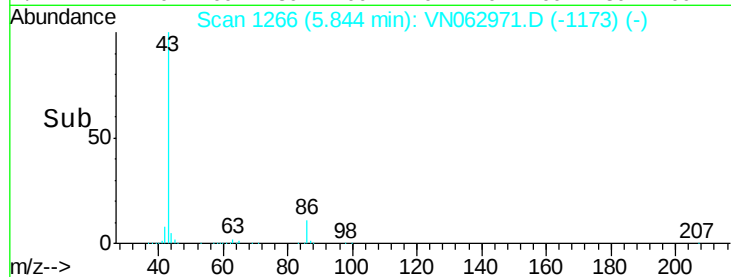
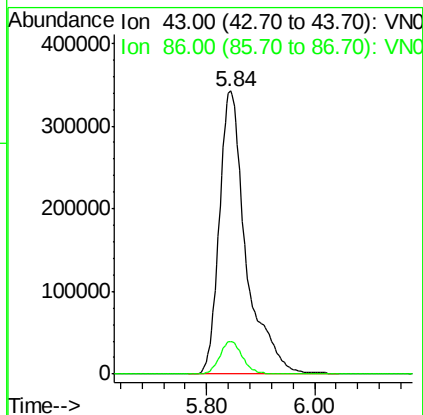
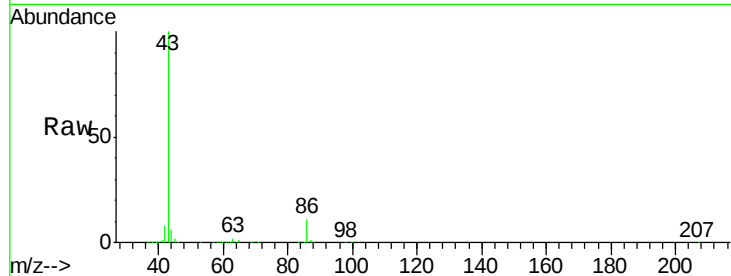
VSTDICCC050

Tgt Ion: 43 Resp: 1179502

Ion Ratio Lower Upper

43 100

86 11.4 9.1 13.7



#24

1,1-Dichloroethane

Concen: 39.354 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

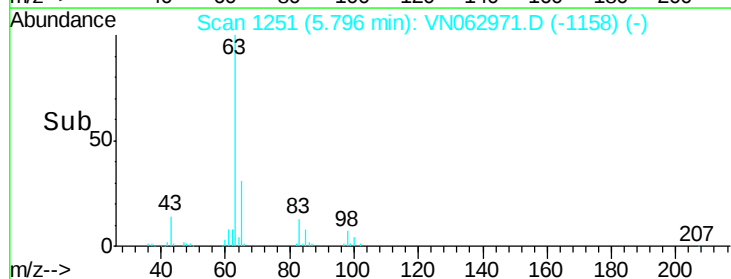
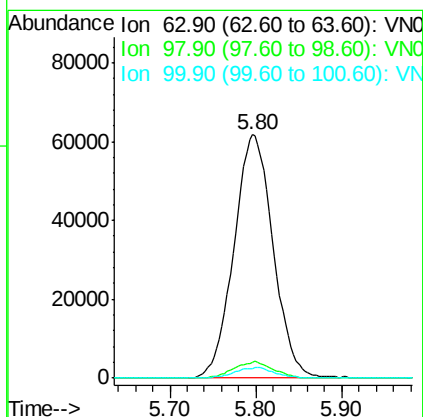
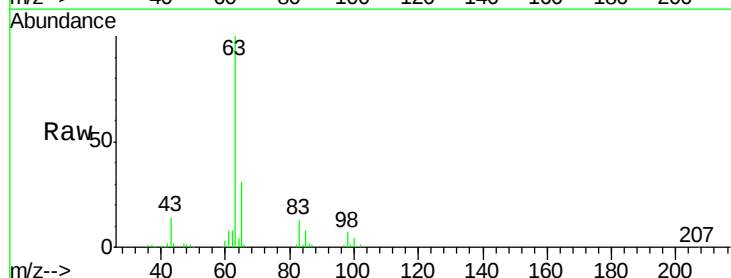
Tgt Ion: 63 Resp: 195187

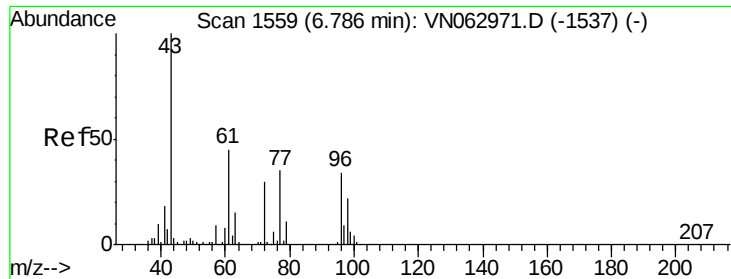
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 173.771 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

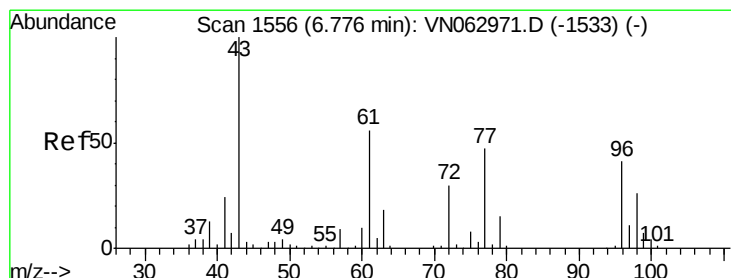
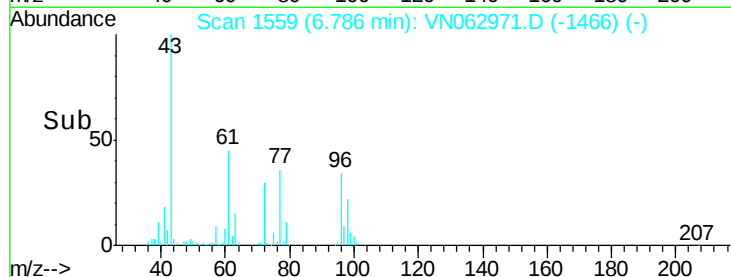
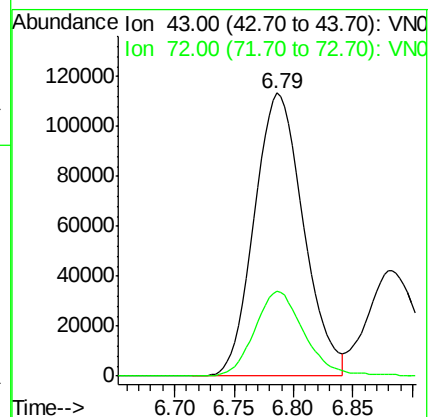
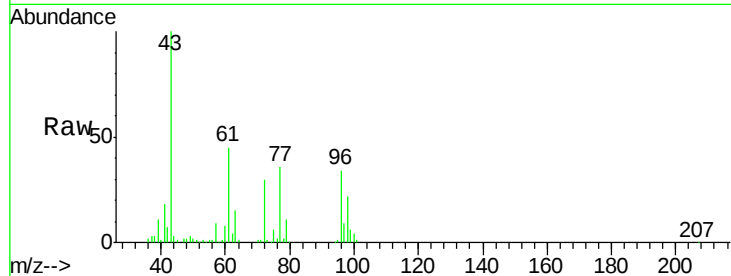
VSTDICCC050

Tgt Ion: 43 Resp: 323596

Ion Ratio Lower Upper

43 100

72 29.9 23.9 35.9



#26

2,2-Dichloropropane

Concen: 32.573 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062971.D

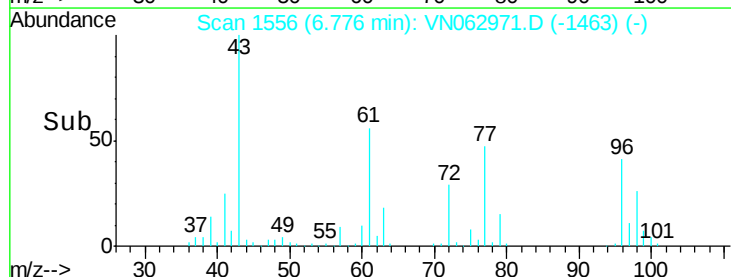
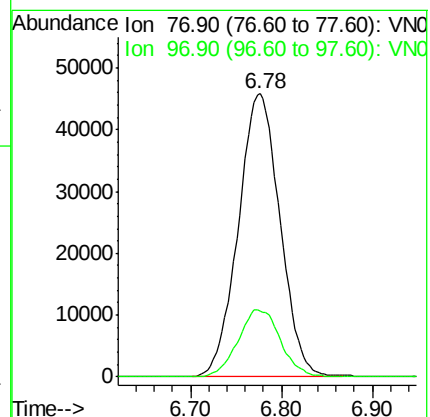
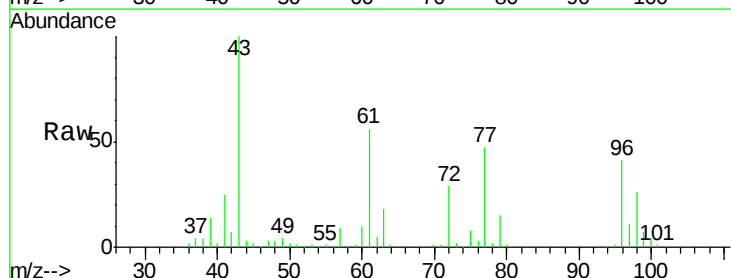
Acq: 17 Aug 2020 14:38

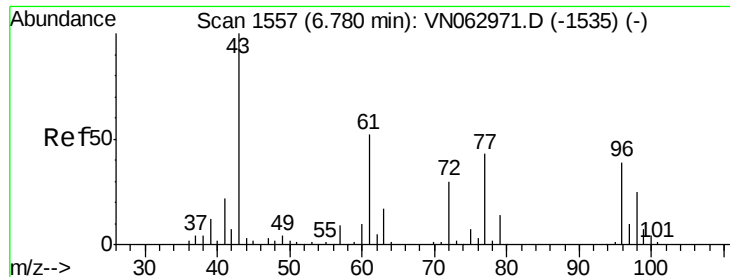
Tgt Ion: 77 Resp: 145594

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.1

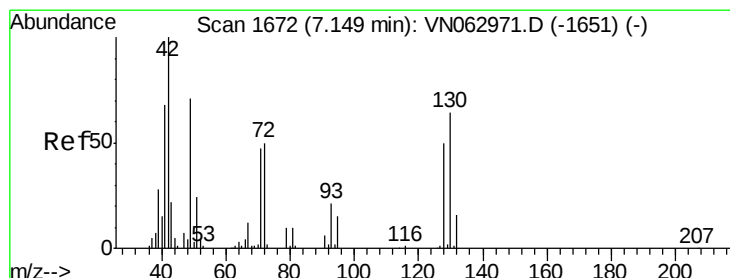
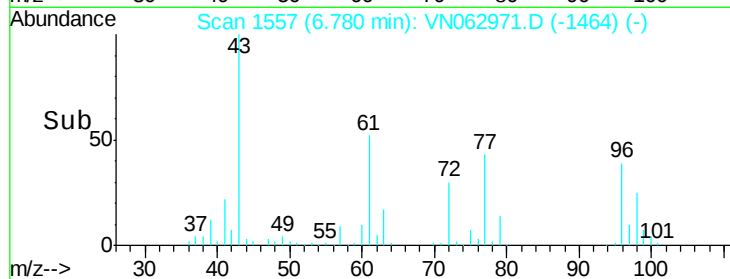
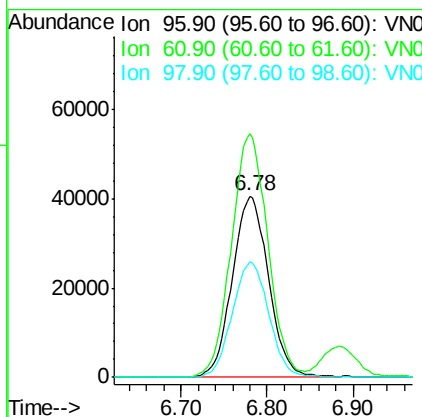
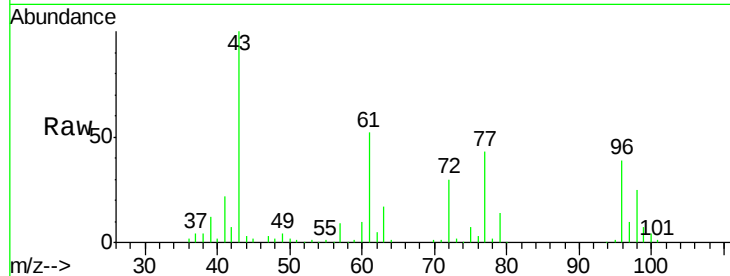




#27
 cis-1,2-Dichloroethene
 Concen: 42.995 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

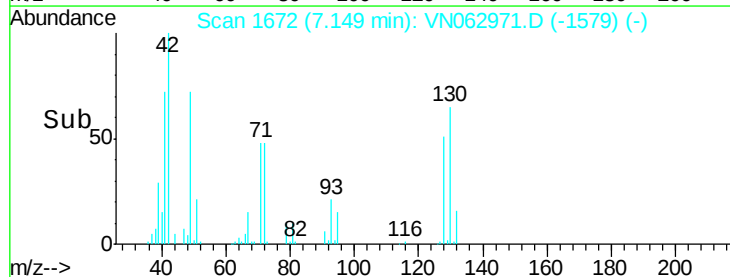
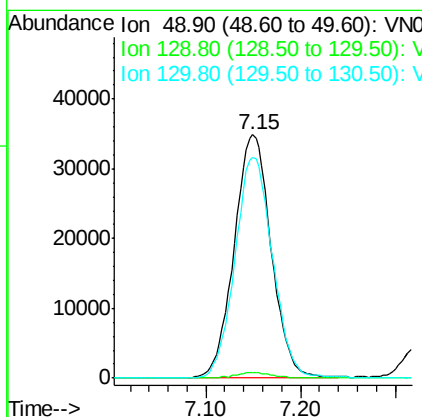
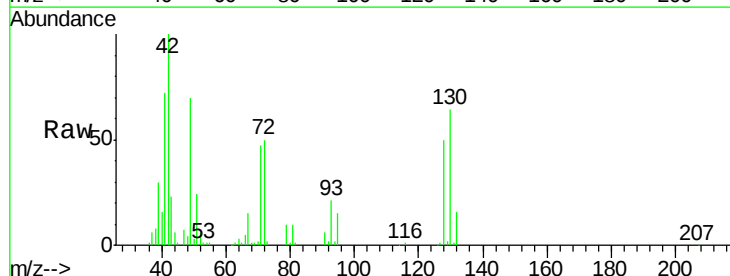
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

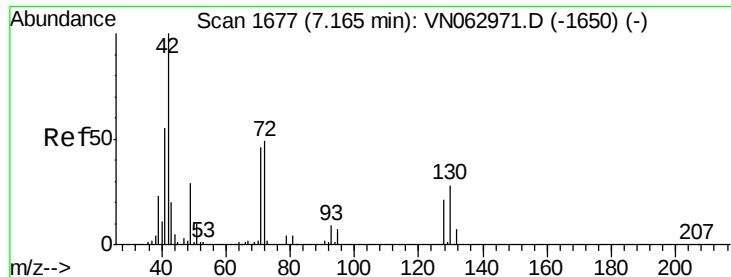
Tgt Ion: 96 Resp: 118924
 Ion Ratio Lower Upper
 96 100
 61 135.2 0.0 270.4
 98 64.1 0.0 128.2



#28
 Bromochloromethane
 Concen: 39.606 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion: 49 Resp: 94989
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 91.9 73.5 110.3

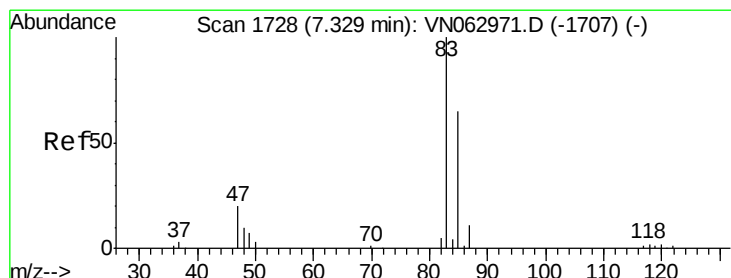
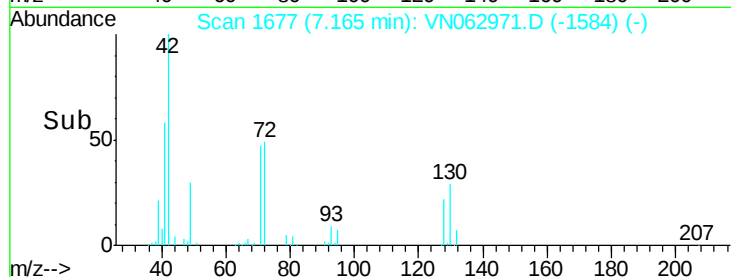
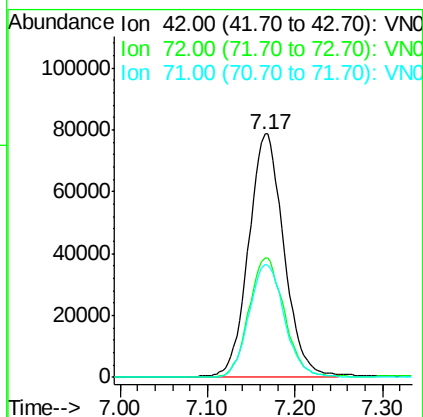
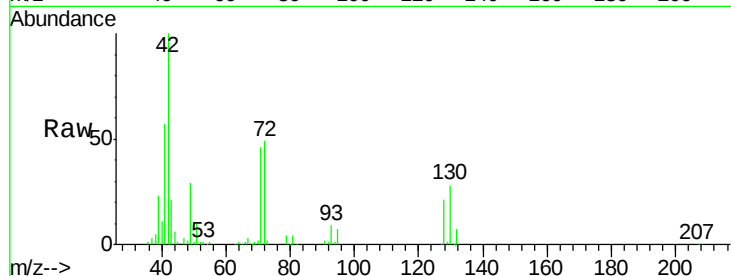




#29
Tetrahydrofuran
Concen: 182.410 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

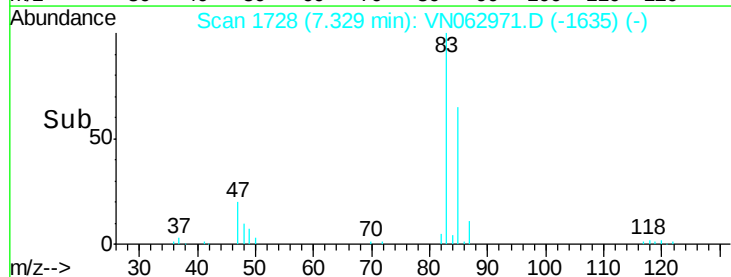
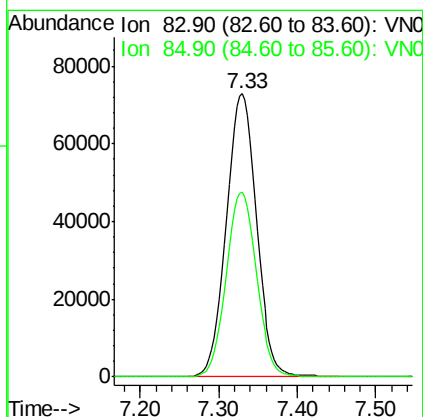
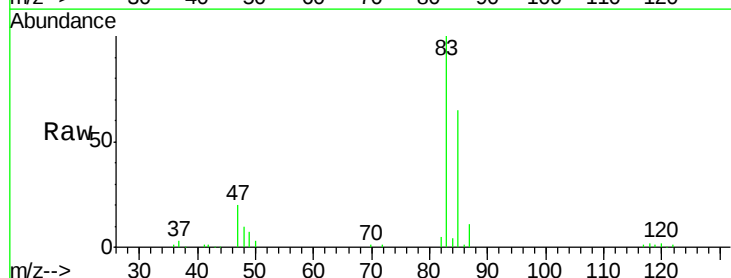
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

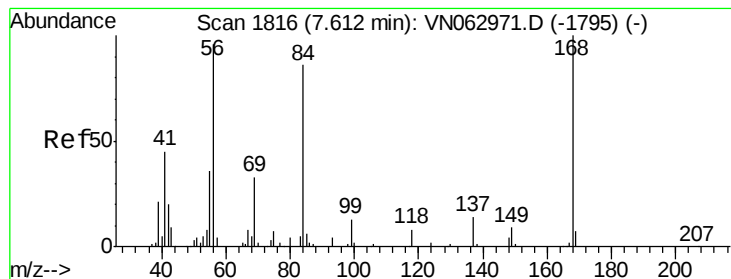
Tgt Ion: 42 Resp: 221186
Ion Ratio Lower Upper
42 100
72 49.3 39.4 59.2
71 46.5 37.2 55.8



#30
Chloroform
Concen: 37.200 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Tgt Ion: 83 Resp: 194435
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.4





#31

Cyclohexane

Concen: 39.702 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

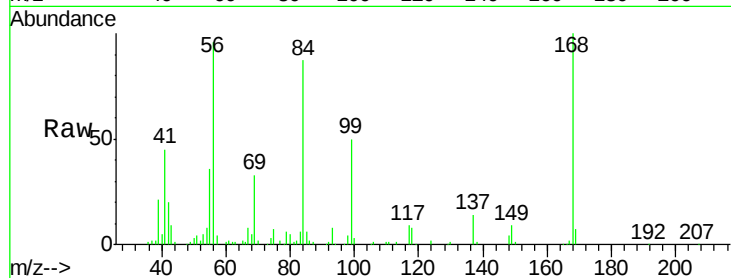
Tgt Ion: 56 Resp: 179527

Ion Ratio Lower Upper

56 100

69 34.3 27.4 41.2

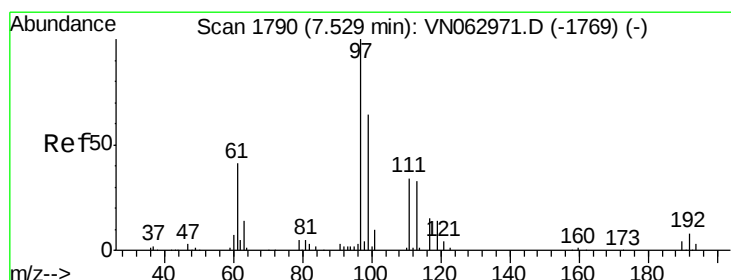
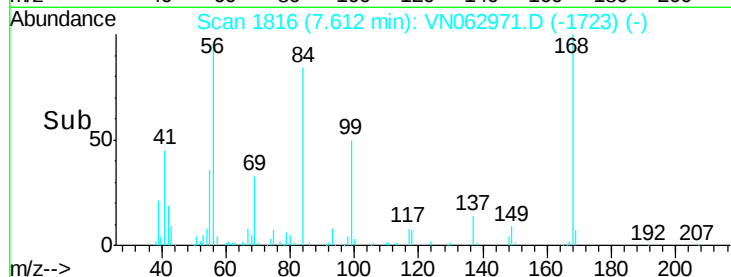
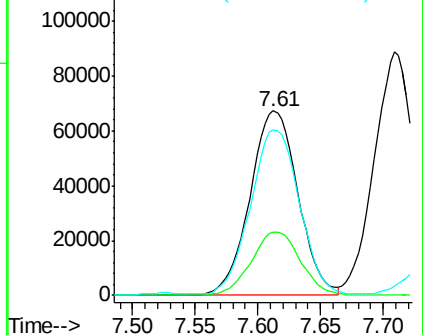
84 89.1 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN062971.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN062971.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN062971.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 35.083 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

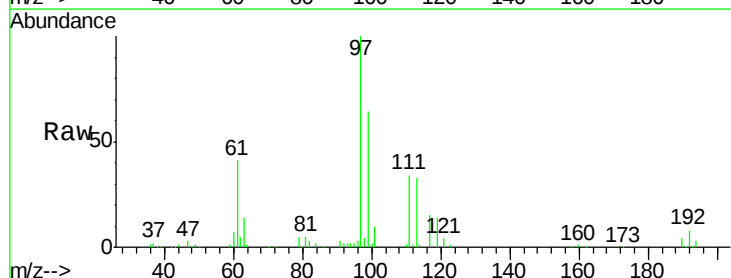
Tgt Ion: 97 Resp: 161732

Ion Ratio Lower Upper

97 100

99 65.3 52.2 78.4

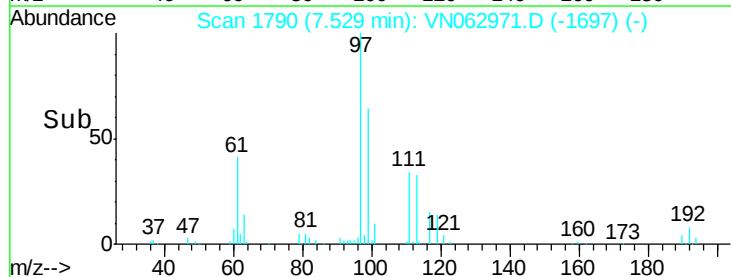
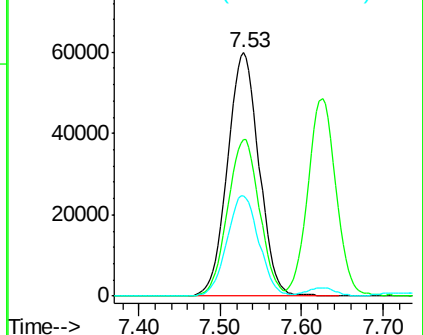
61 41.9 33.5 50.3

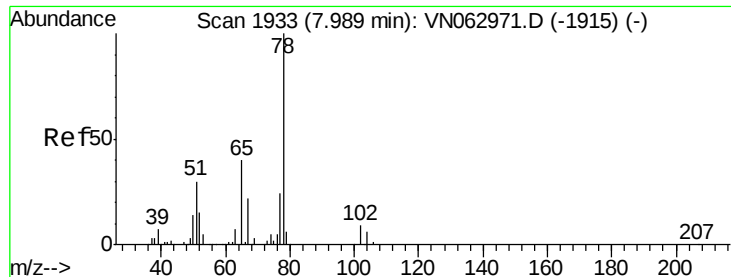


Abundance Ion 96.90 (96.60 to 97.60): VN062971.D (-1769) (-)

Ion 98.90 (98.60 to 99.60): VN062971.D (-1769) (-)

Ion 60.90 (60.60 to 61.60): VN062971.D (-1769) (-)

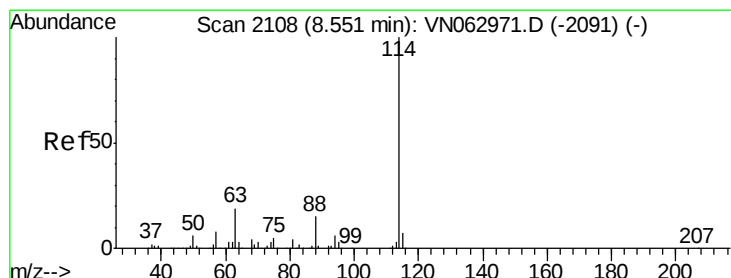
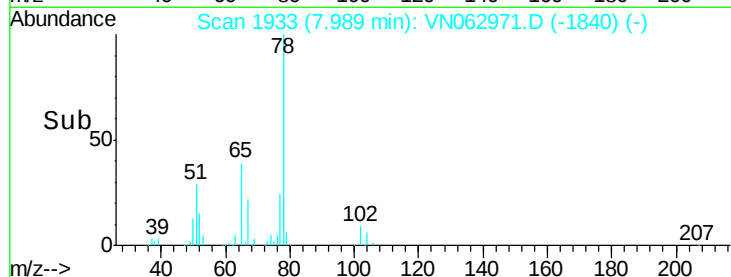
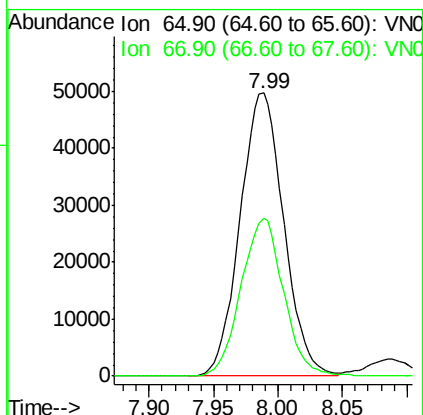
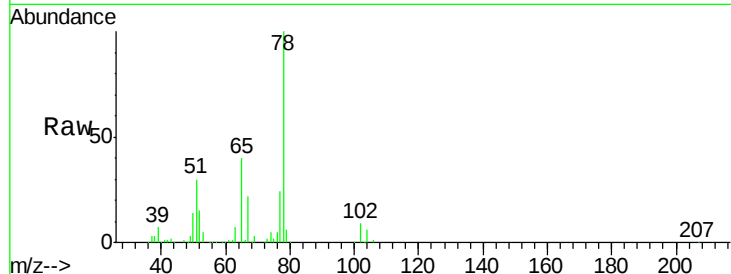




#33
 1,2-Dichloroethane-d4
 Concen: 32.509 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

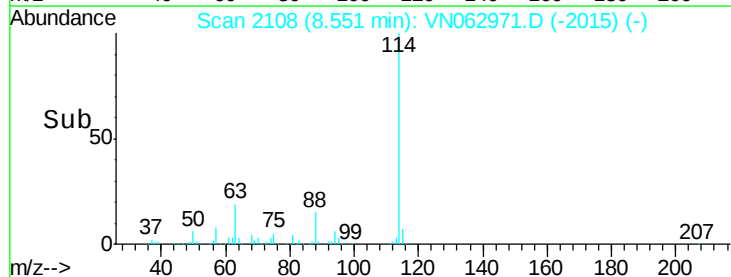
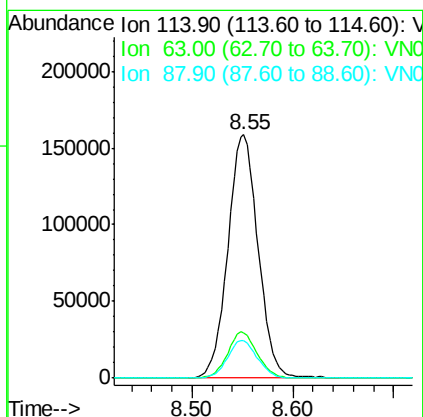
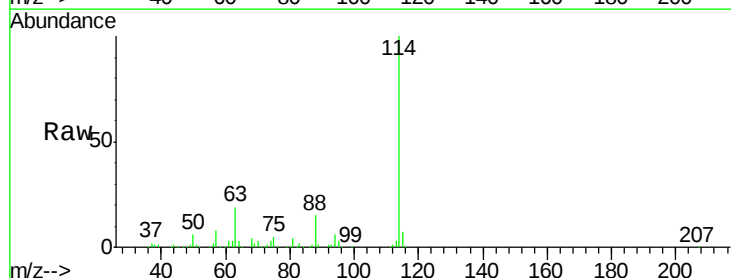
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

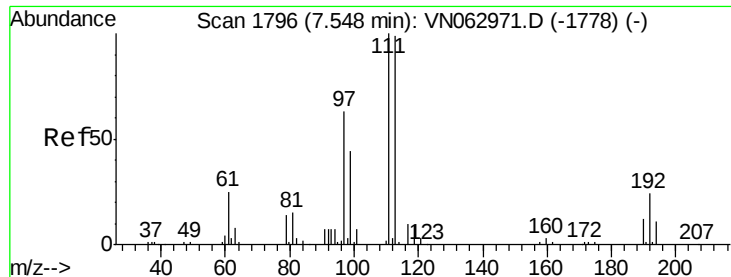
Tgt Ion: 65 Resp: 117285
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion: 114 Resp: 330833
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.6
 88 15.5 0.0 31.0

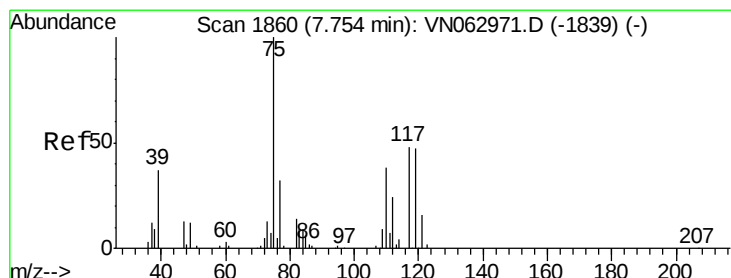
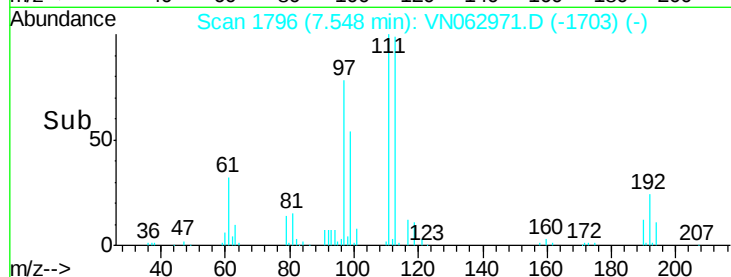
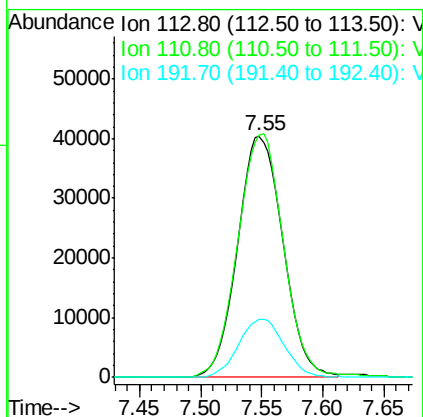
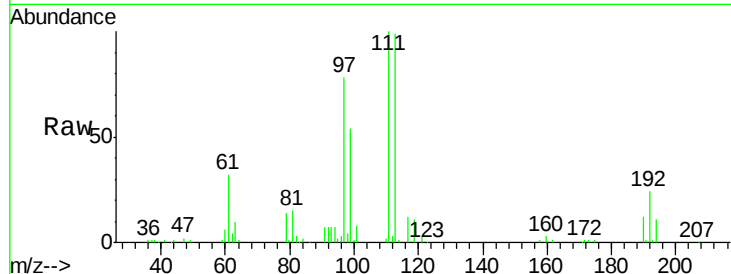




#35
 Dibromofluoromethane
 Concen: 46.488 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

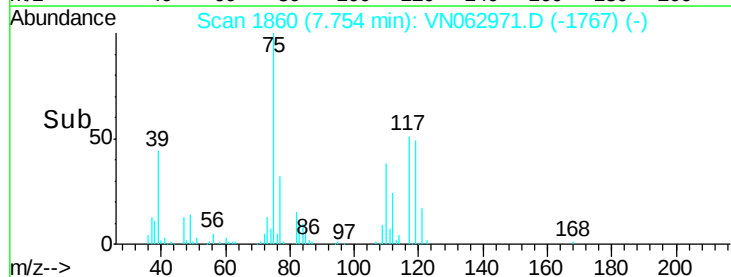
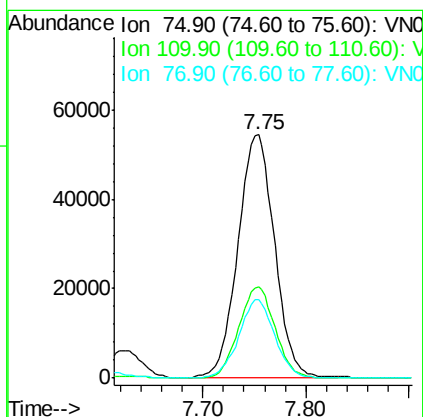
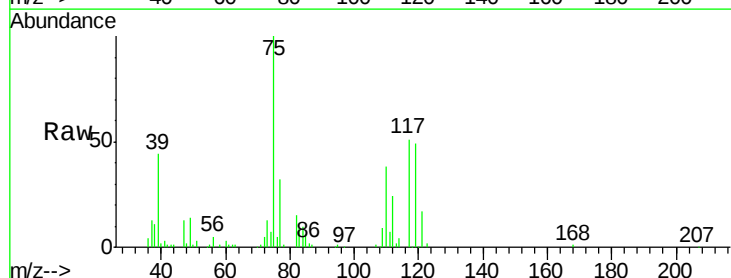
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

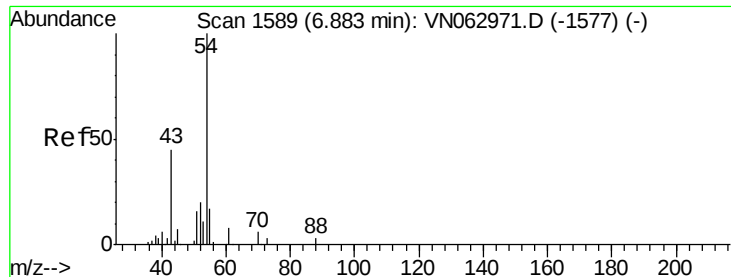
Tgt Ion: 113 Resp: 104167
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 24.0 19.2 28.8



#36
 1,1-Dichloropropene
 Concen: 42.537 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion: 75 Resp: 133367
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.7 56.1
 77 32.0 25.6 38.4

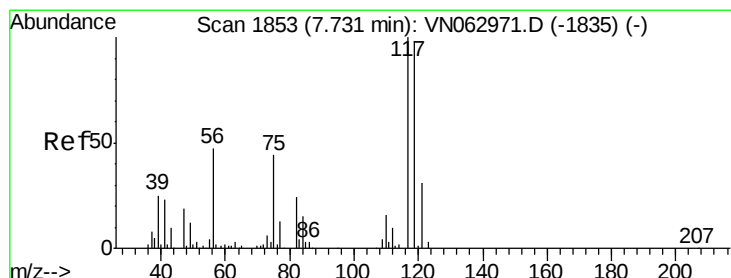
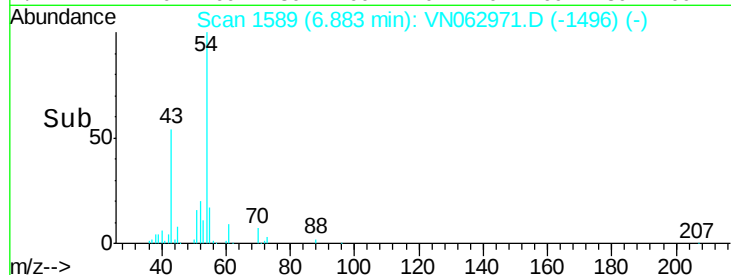
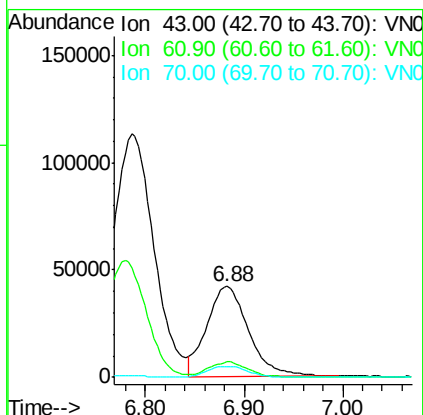
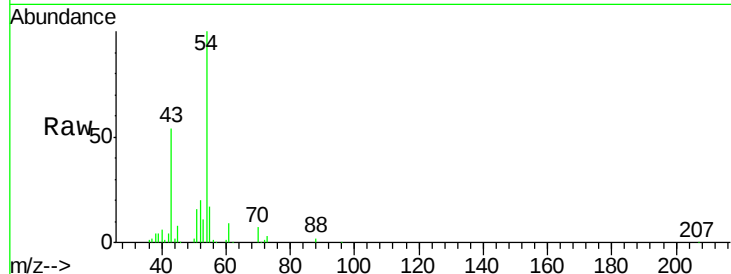




#37
 Ethyl Acetate
 Concen: 38.445 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

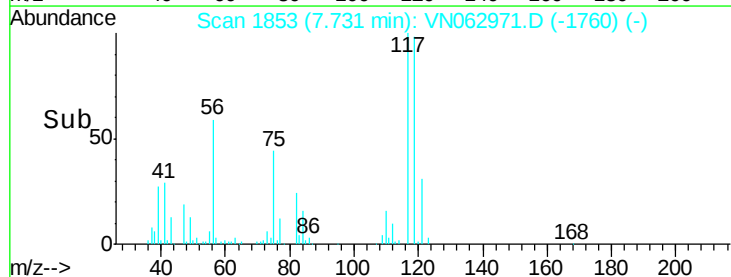
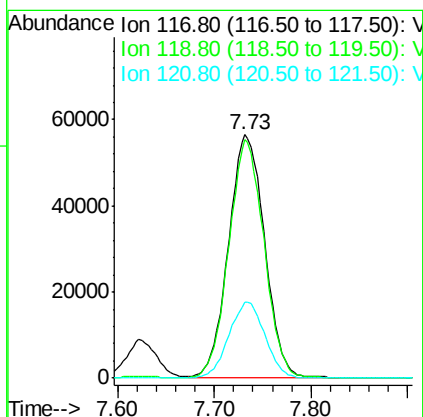
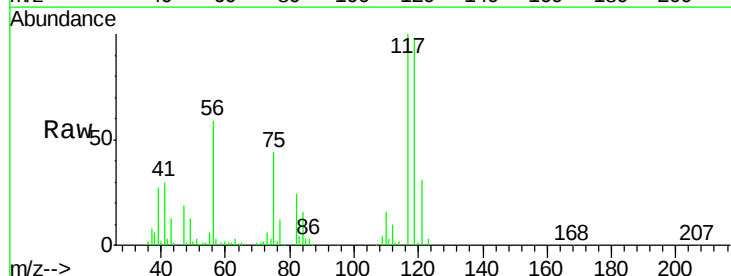
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

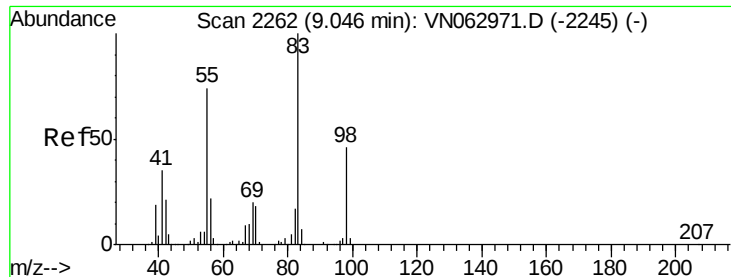
Tgt Ion: 43 Resp: 123704
 Ion Ratio Lower Upper
 43 100
 61 15.5 12.4 18.6
 70 12.4 9.9 14.9



#38
 Carbon Tetrachloride
 Concen: 39.747 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion: 117 Resp: 146980
 Ion Ratio Lower Upper
 117 100
 119 97.4 77.9 116.9
 121 31.0 24.8 37.2

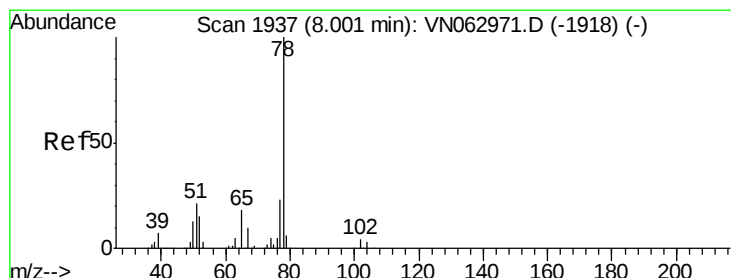
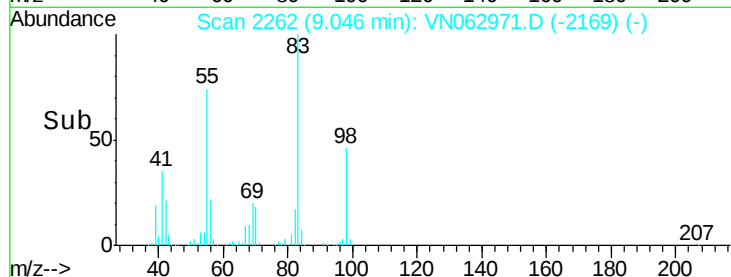
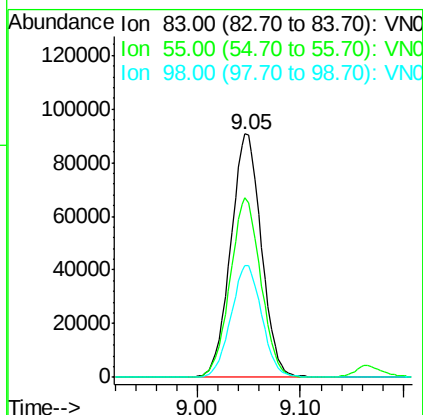
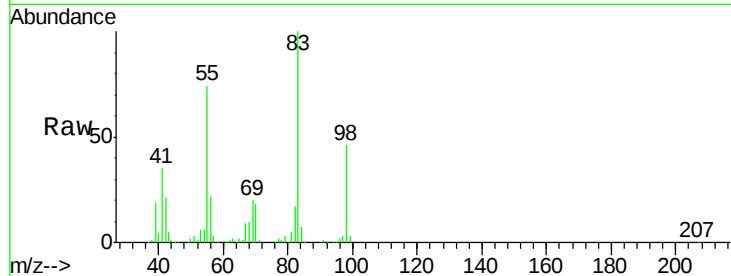




#39
Methylcyclohexane
Concen: 48.529 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

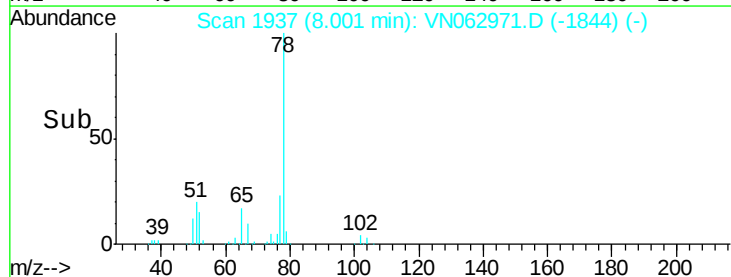
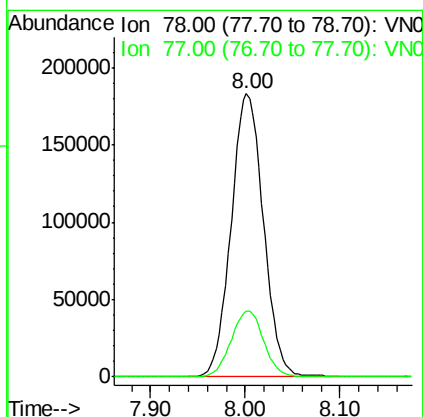
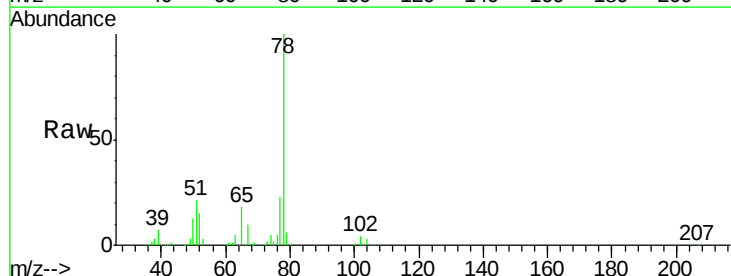
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

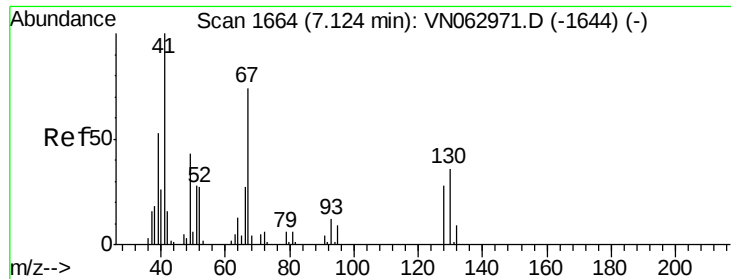
Tgt Ion: 83 Resp: 187335
Ion Ratio Lower Upper
83 100
55 73.8 59.0 88.6
98 46.0 36.8 55.2



#40
Benzene
Concen: 45.519 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Tgt Ion: 78 Resp: 433405
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8

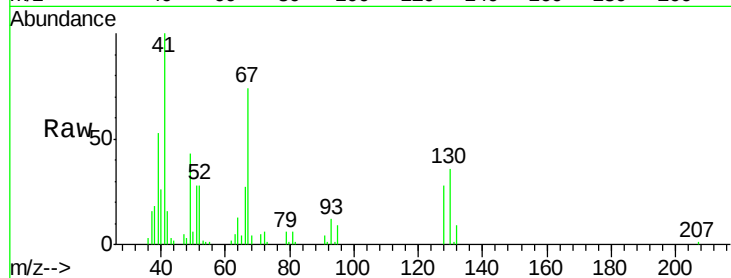




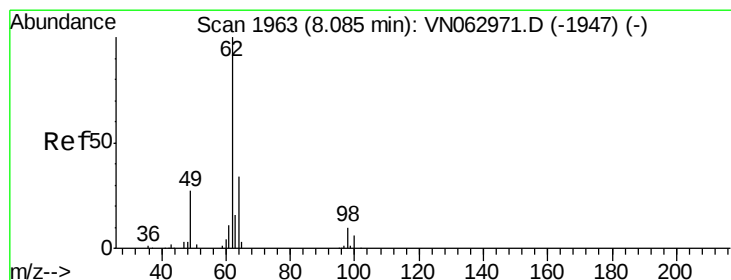
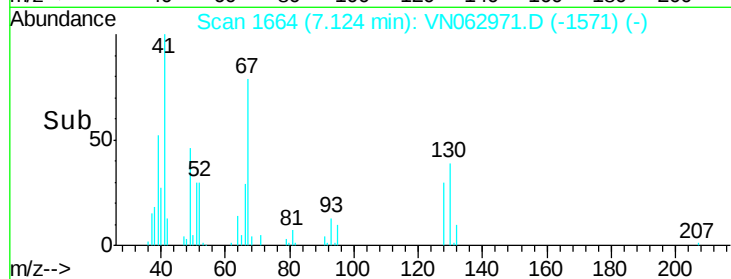
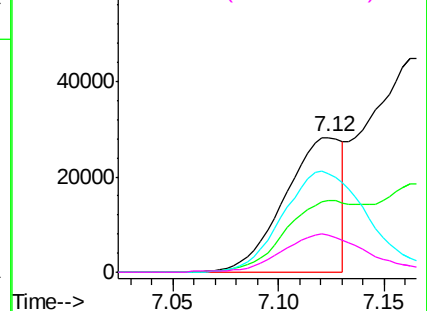
#41
Methacrylonitrile
Concen: 37.689 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 53414
Ion Ratio Lower Upper
41 100
39 73.3 58.6 88.0
67 112.6 90.1 135.1
52 43.4 34.7 52.1

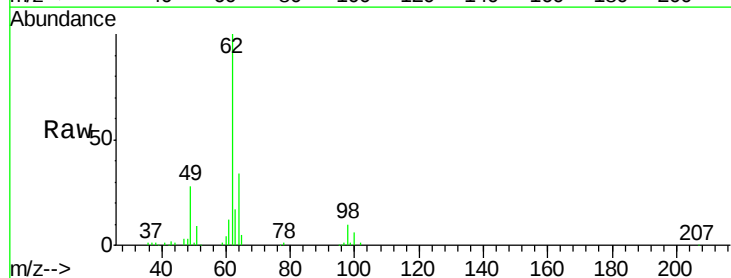


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

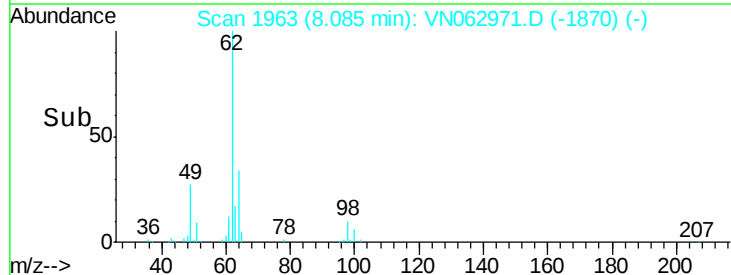
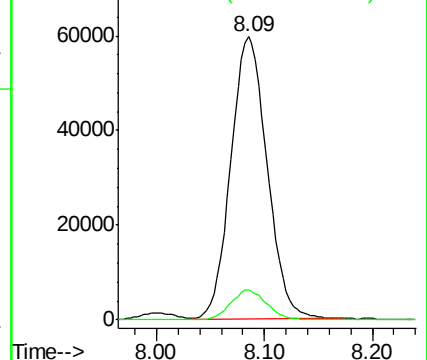


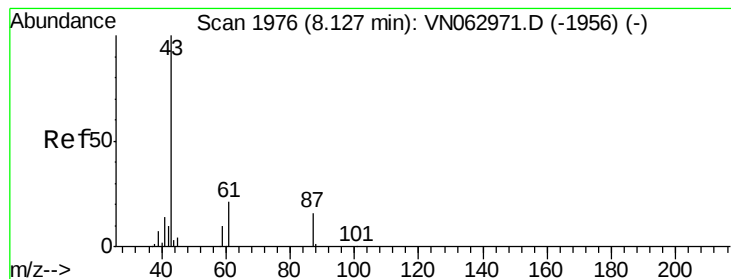
#42
1,2-Dichloroethane
Concen: 35.989 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Tgt Ion: 62 Resp: 139956
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.8



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





#43

Isopropyl Acetate

Concen: 37.739 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

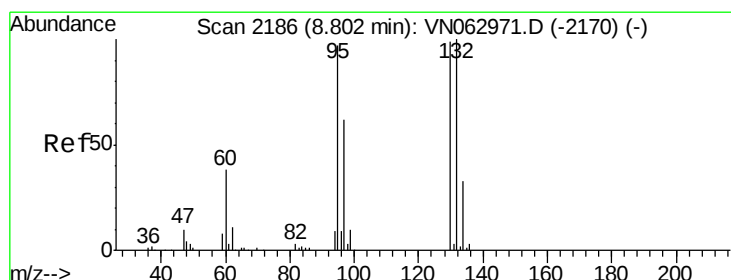
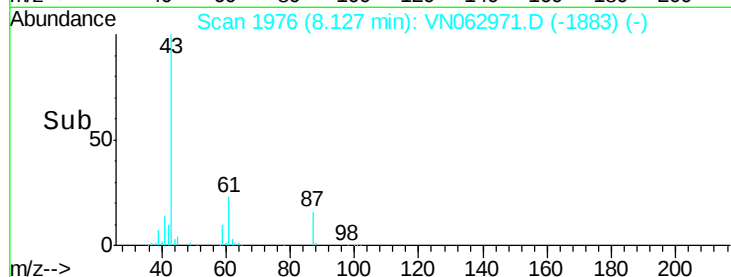
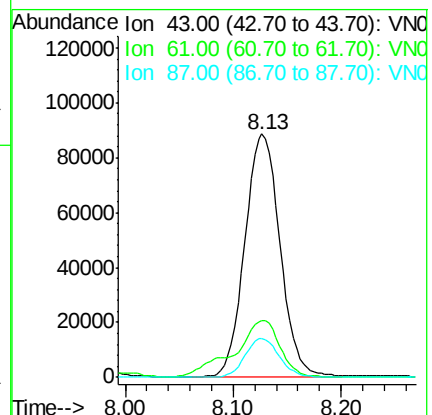
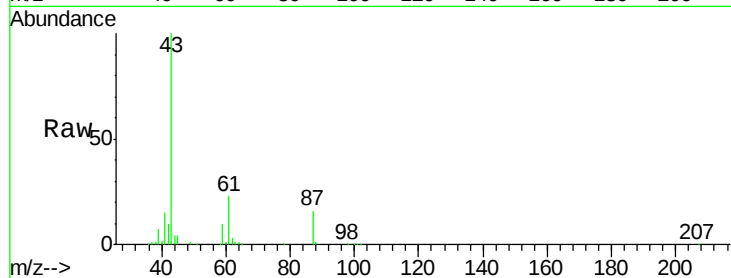
Tgt Ion: 43 Resp: 202185

Ion Ratio Lower Upper

43 100

61 30.7 24.6 36.8

87 15.5 12.4 18.6



#44

Trichloroethene

Concen: 49.315 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062971.D

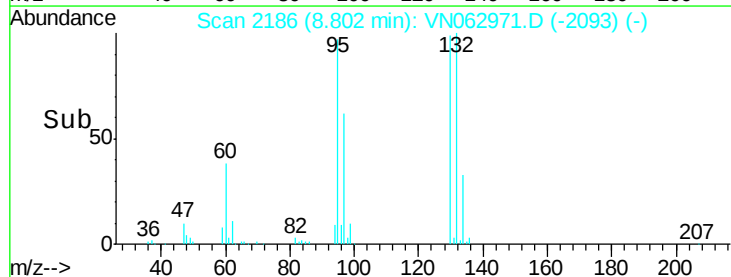
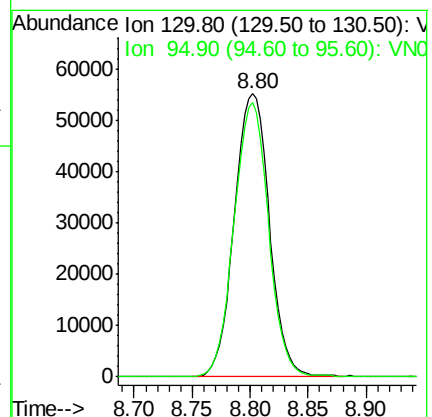
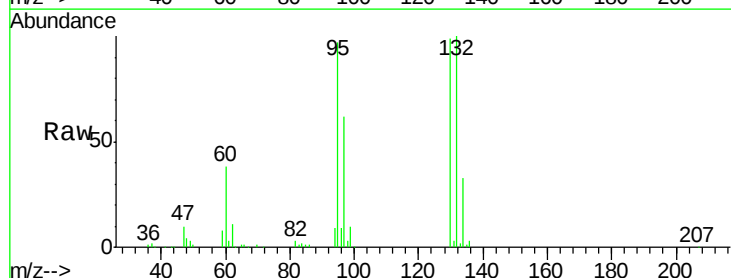
Acq: 17 Aug 2020 14:38

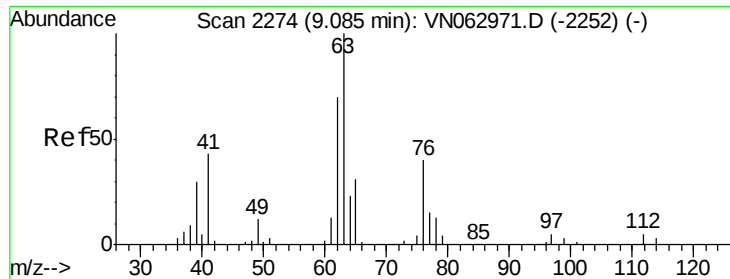
Tgt Ion: 130 Resp: 116313

Ion Ratio Lower Upper

130 100

95 97.1 0.0 194.2





#45

1,2-Dichloropropane

Concen: 45.315 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

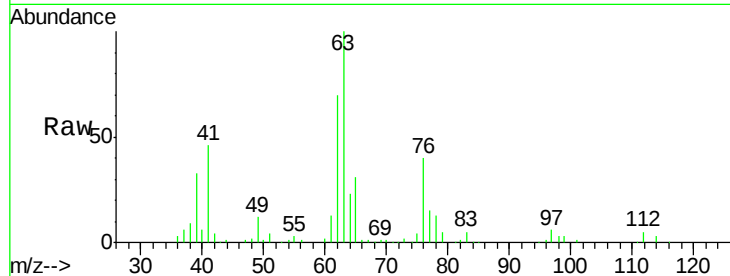
VSTDICCC050

Tgt Ion: 63 Resp: 115841

Ion Ratio Lower Upper

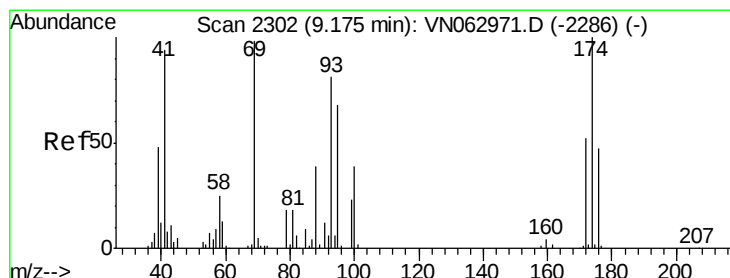
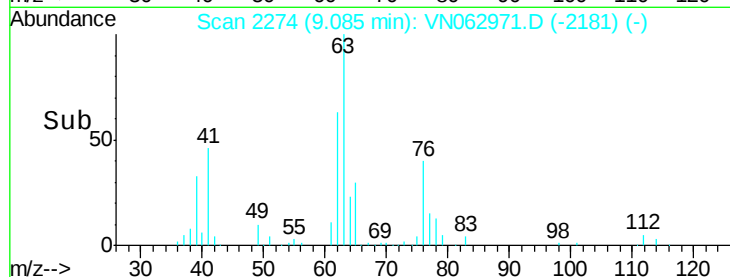
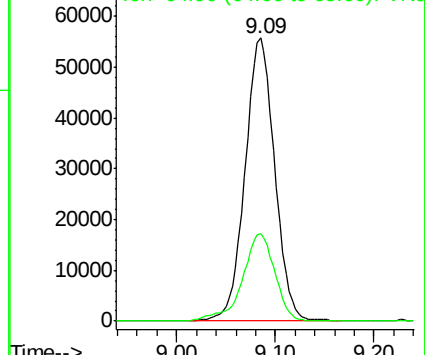
63 100

65 30.9 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN062971.D (-2252) (-)

Ion 64.90 (64.60 to 65.60): VN062971.D (-2252) (-)



#46

Dibromomethane

Concen: 45.380 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

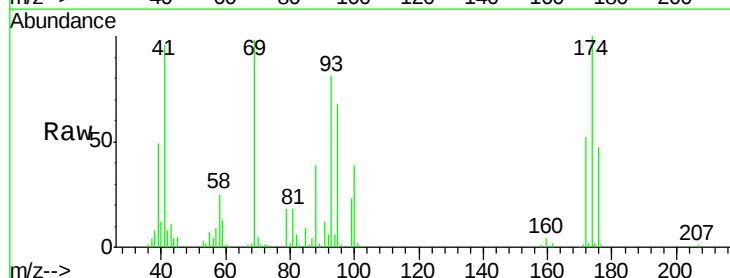
Tgt Ion: 93 Resp: 76088

Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

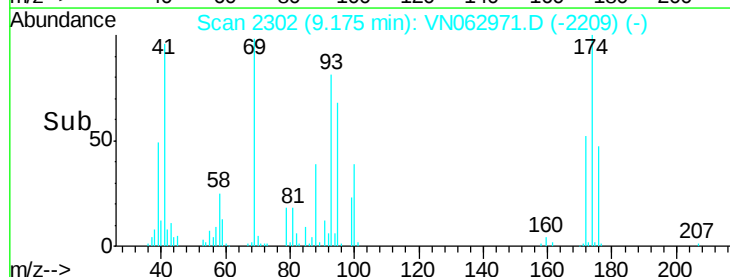
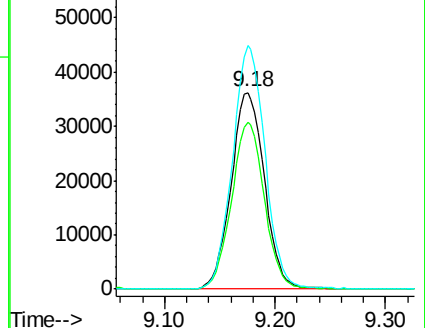
174 120.8 96.6 145.0

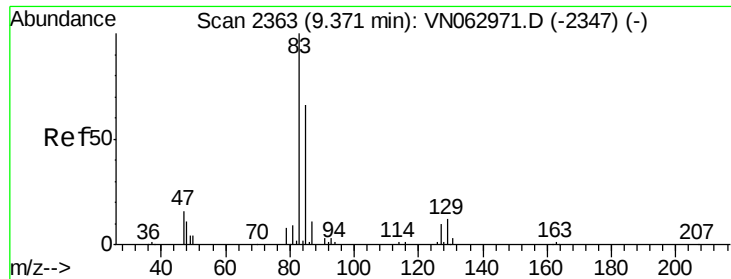


Abundance Ion 92.80 (92.50 to 93.50): VN062971.D (-2286) (-)

Ion 94.80 (94.50 to 95.50): VN062971.D (-2286) (-)

Ion 173.70 (173.40 to 174.40): VN062971.D (-2286) (-)





#47

Bromodichloromethane

Concen: 42.325 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

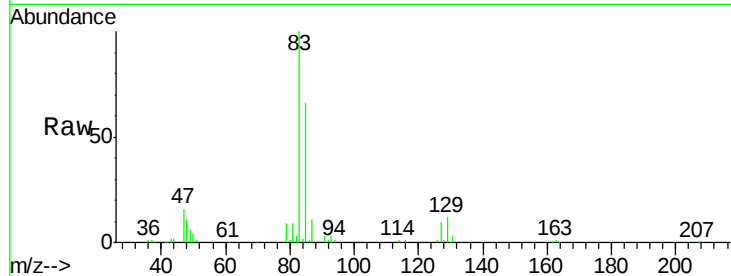
Tgt Ion: 83 Resp: 156828

Ion Ratio Lower Upper

83 100

85 65.5 52.4 78.6

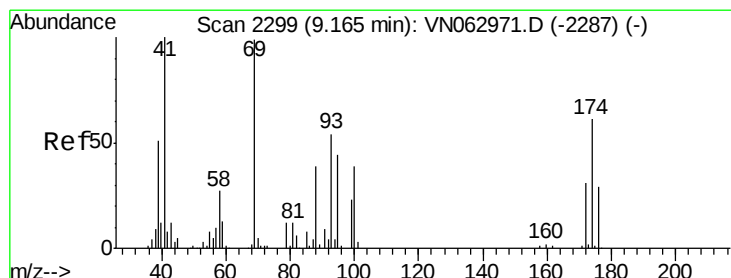
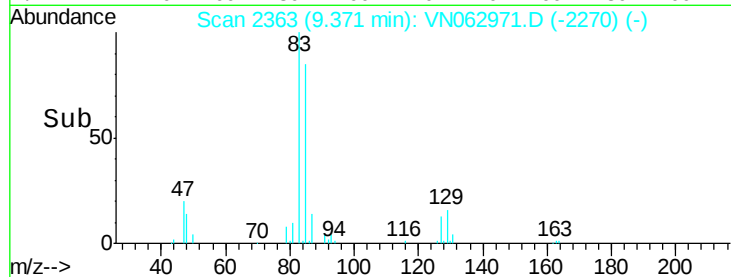
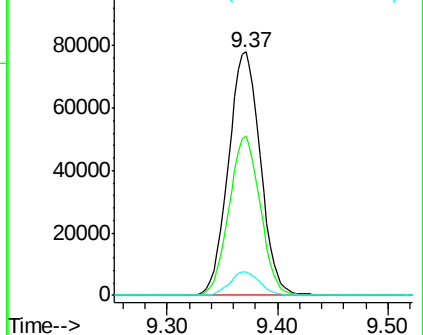
127 9.7 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VN062971.D (-2347) (-)

Ion 84.90 (84.60 to 85.60): VN062971.D (-2347) (-)

Ion 126.80 (126.50 to 127.50): VN062971.D (-2347) (-)



#48

Methyl methacrylate

Concen: 37.943 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

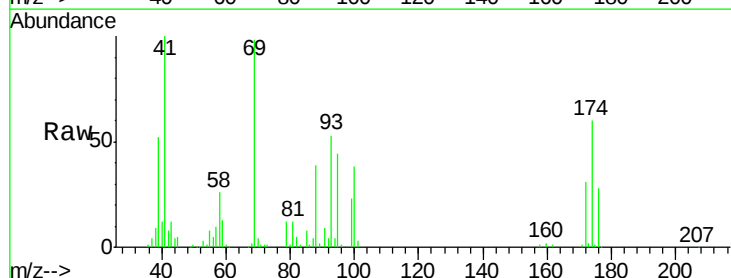
Tgt Ion: 41 Resp: 99664

Ion Ratio Lower Upper

41 100

69 101.4 81.1 121.7

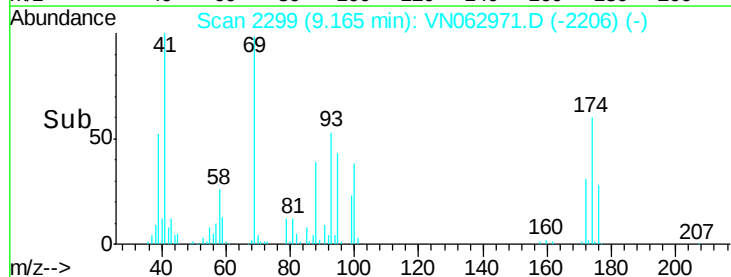
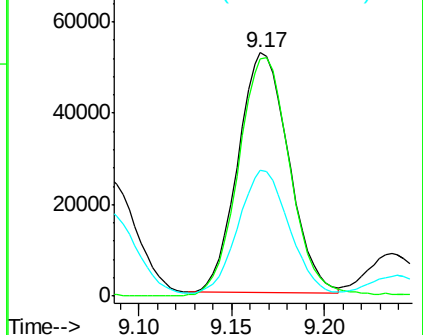
39 53.0 42.4 63.6

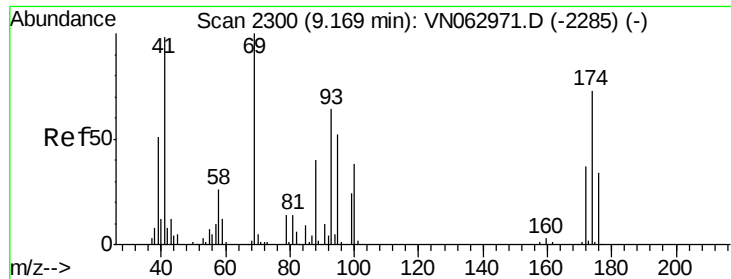


Abundance Ion 41.00 (40.70 to 41.70): VN062971.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062971.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062971.D (-2287) (-)

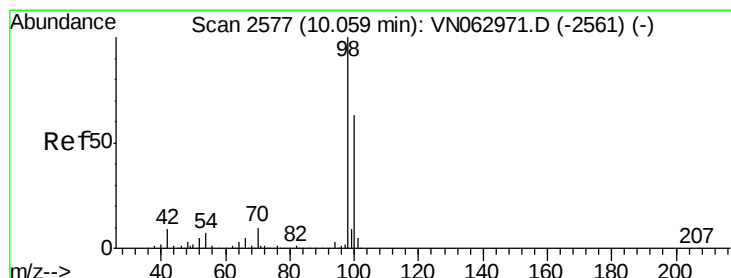
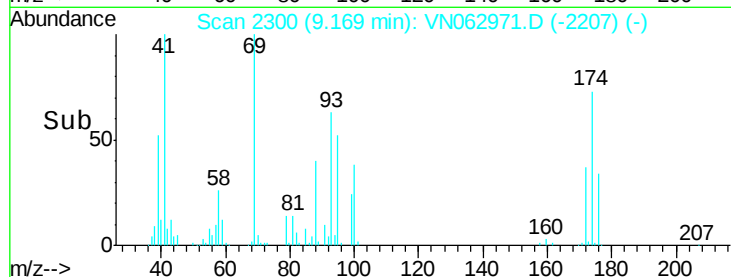
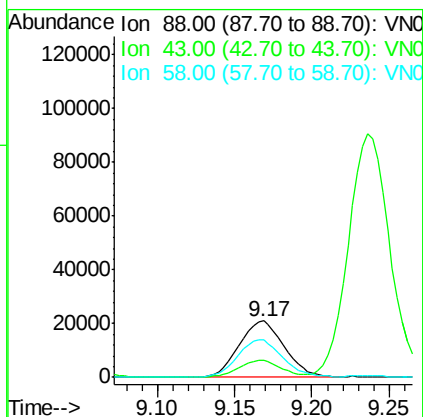
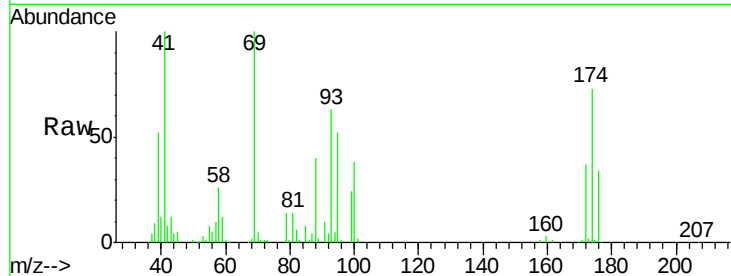




#49
 1,4-Dioxane
 Concen: 872.769 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

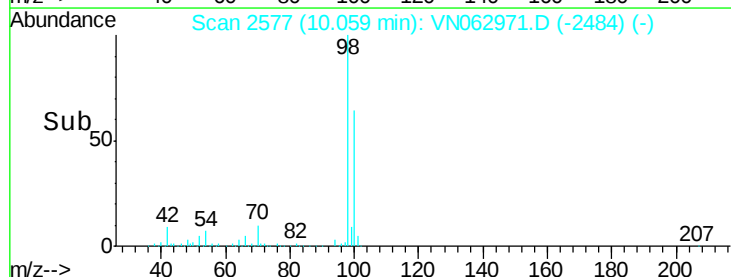
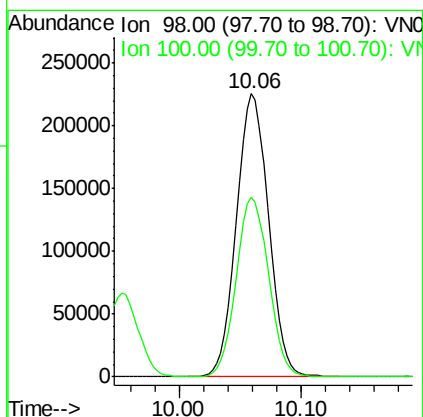
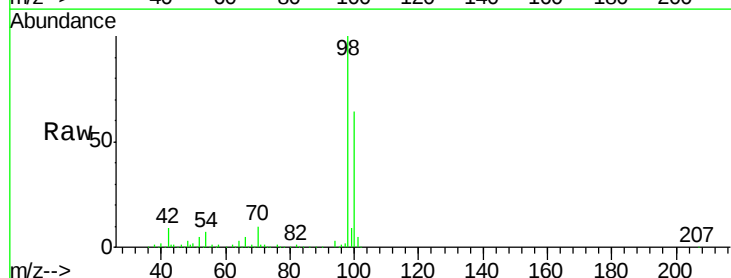
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

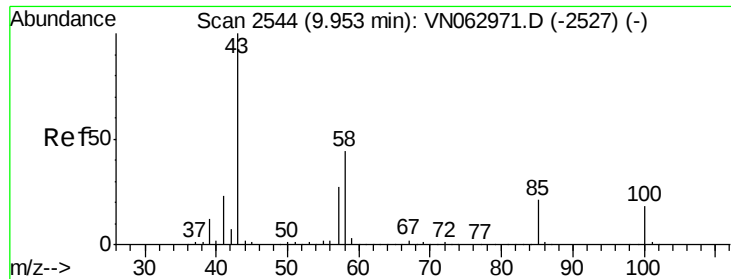
Tgt Ion: 88 Resp: 43008
 Ion Ratio Lower Upper
 88 100
 43 28.9 23.1 34.7
 58 66.4 53.1 79.7



#50
 Toluene-d8
 Concen: 46.925 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion: 98 Resp: 410956
 Ion Ratio Lower Upper
 98 100
 100 63.7 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 198.097 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

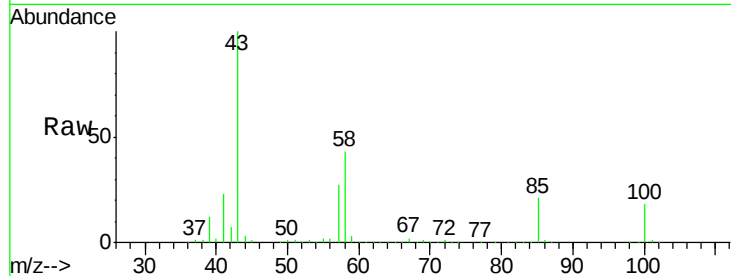
VSTDICCC050

Tgt Ion: 43 Resp: 685504

Ion Ratio Lower Upper

43 100

58 42.9 34.3 51.5



Abundance Ion 43.00 (42.70 to 43.70): VN062971.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN062971.D (-2527) (-)

9.95

400000

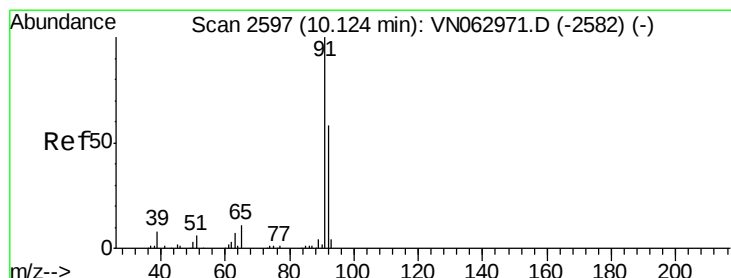
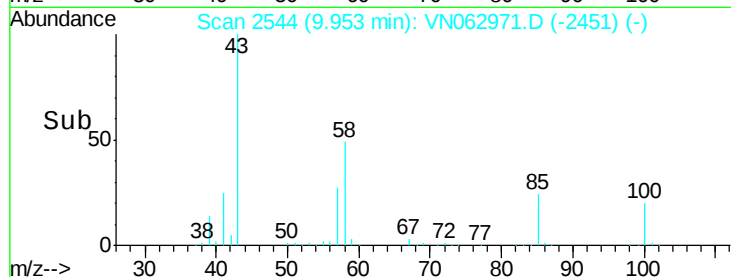
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.016 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062971.D

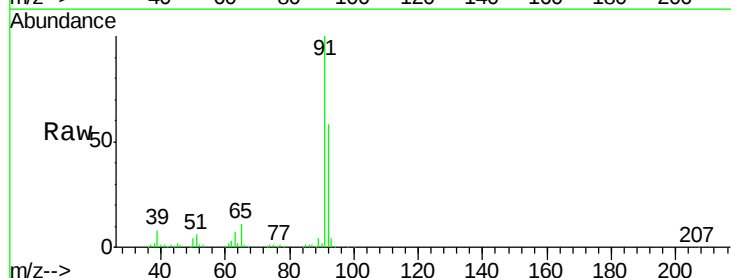
Acq: 17 Aug 2020 14:38

Tgt Ion: 92 Resp: 282792

Ion Ratio Lower Upper

92 100

91 173.2 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VN062971.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062971.D (-2582) (-)

10.12

300000

250000

200000

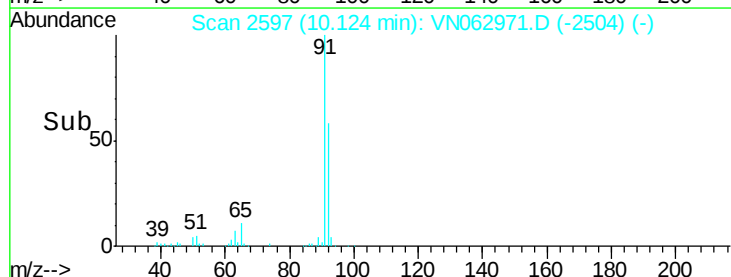
150000

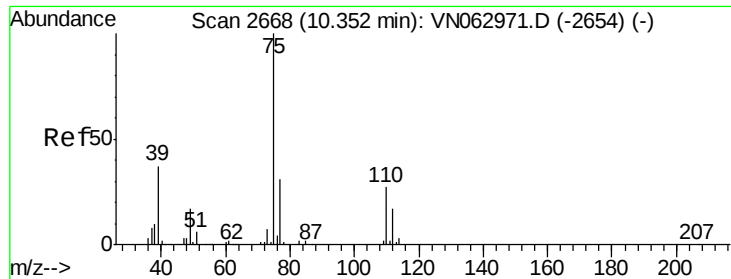
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 41.608 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampled :

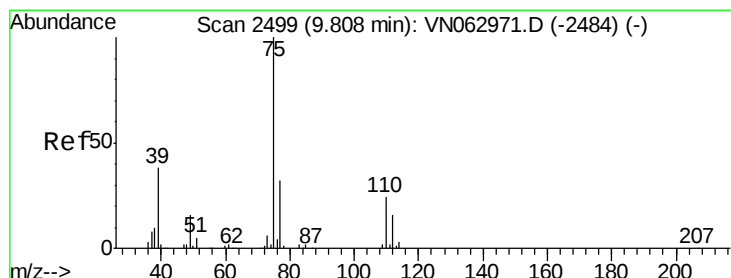
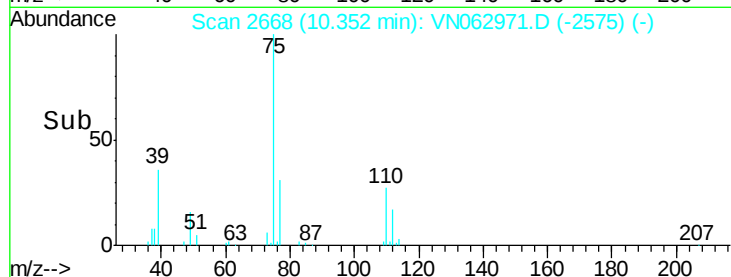
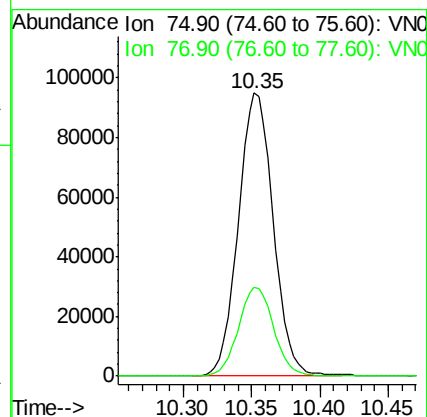
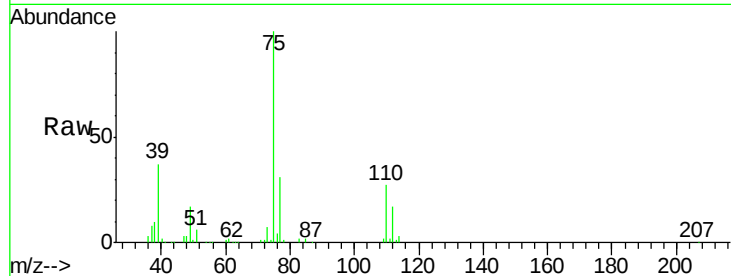
VSTDICCC050

Tgt Ion: 75 Resp: 168898

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 44.785 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

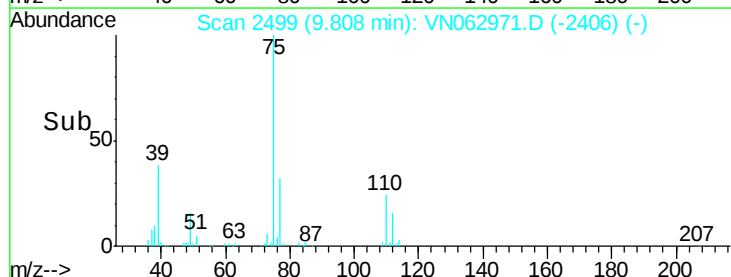
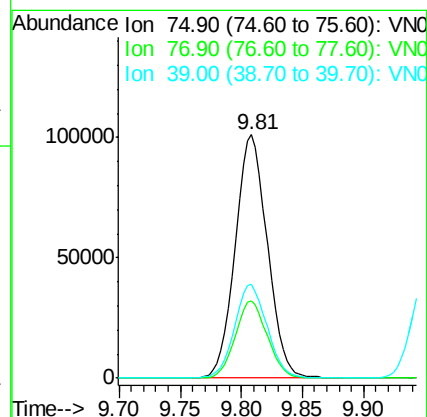
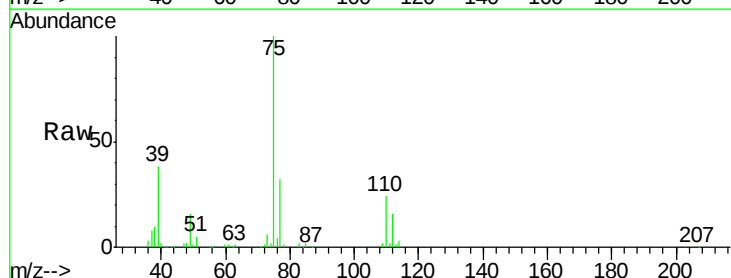
Tgt Ion: 75 Resp: 185489

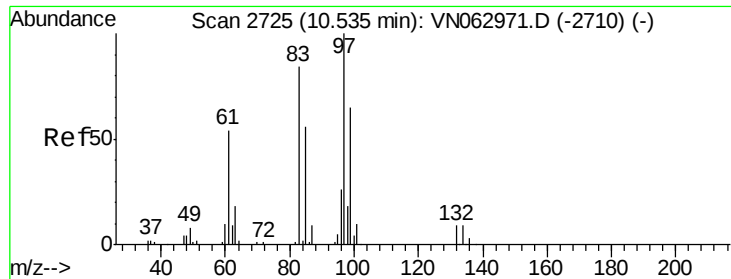
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 38.3 30.6 46.0

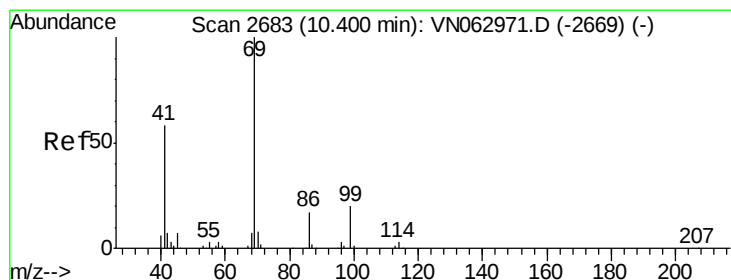
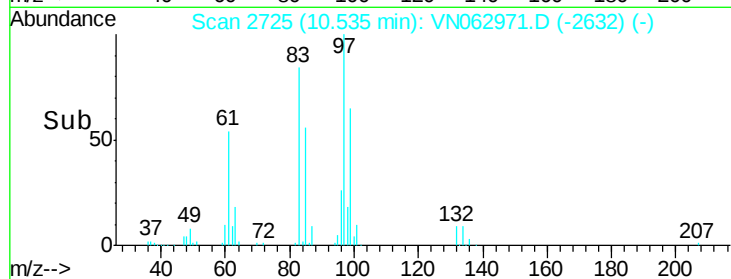
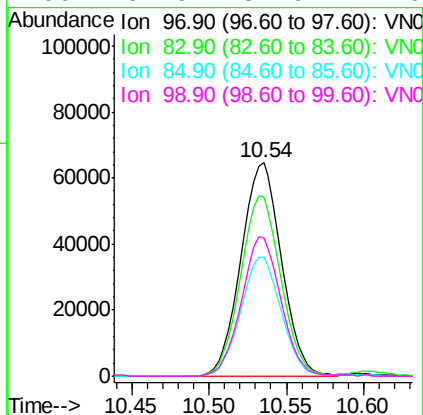
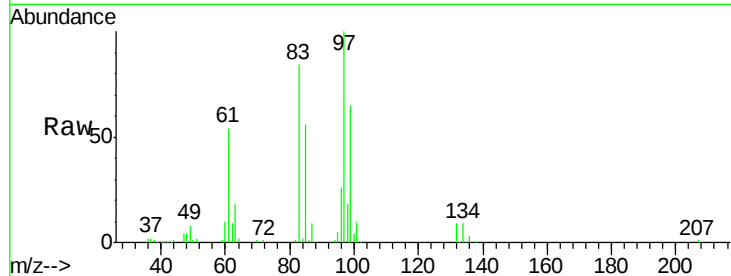




#55
 1,1,2-Trichloroethane
 Concen: 46.725 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

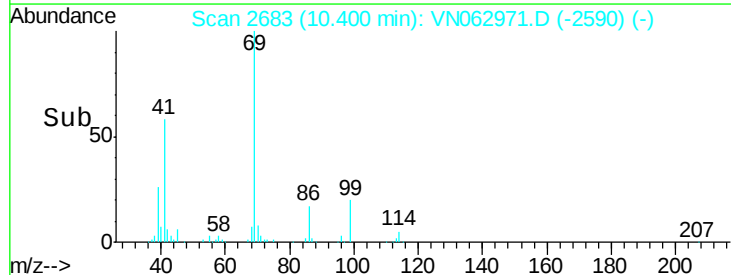
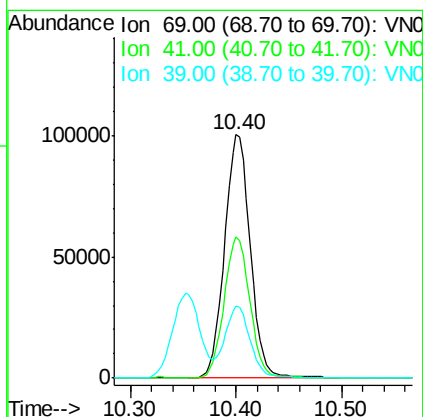
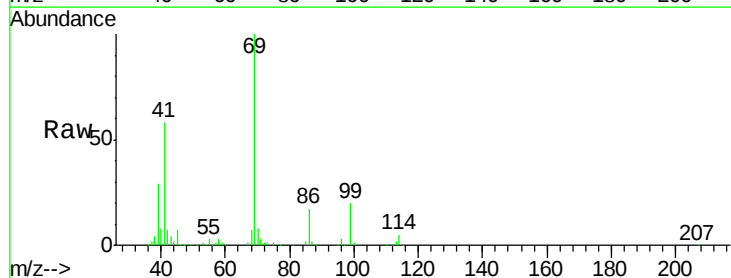
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

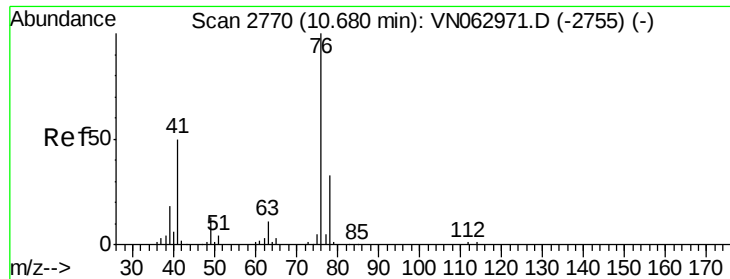
Tgt Ion: 97 Resp: 117848
 Ion Ratio Lower Upper
 97 100
 83 83.7 67.0 100.4
 85 55.5 44.4 66.6
 99 64.9 51.9 77.9



#56
 Ethyl methacrylate
 Concen: 45.771 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion: 69 Resp: 169165
 Ion Ratio Lower Upper
 69 100
 41 57.5 46.0 69.0
 39 29.2 23.4 35.0





#57

1,3-Dichloropropane

Concen: 44.914 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

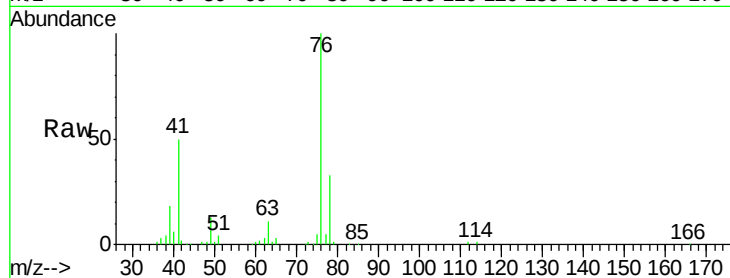
VSTDICCC050

Tgt Ion: 76 Resp: 189318

Ion Ratio Lower Upper

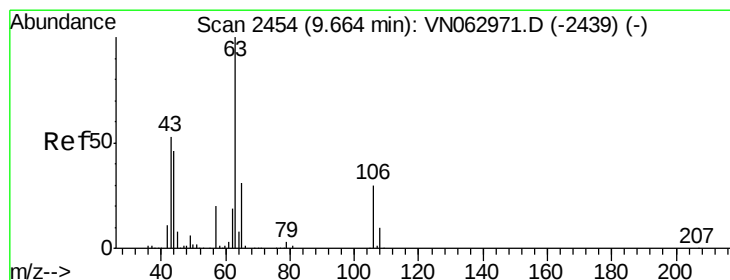
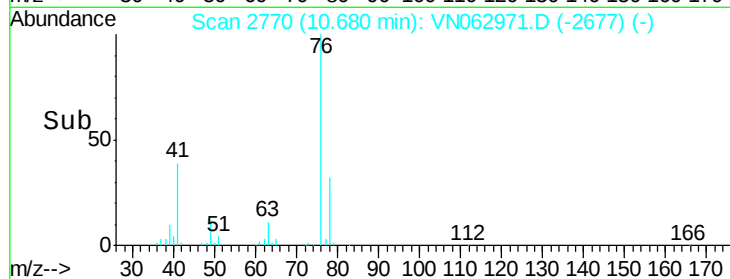
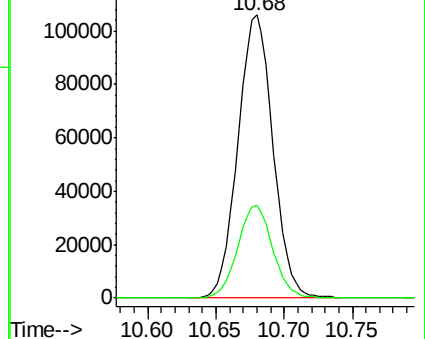
76 100

78 32.8 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VN062971.D (-2755) (-)

Ion 77.90 (77.60 to 78.60): VN062971.D (-2755) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 186.487 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062971.D

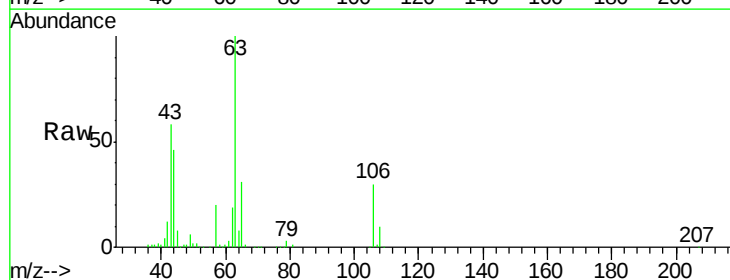
Acq: 17 Aug 2020 14:38

Tgt Ion: 63 Resp: 190751

Ion Ratio Lower Upper

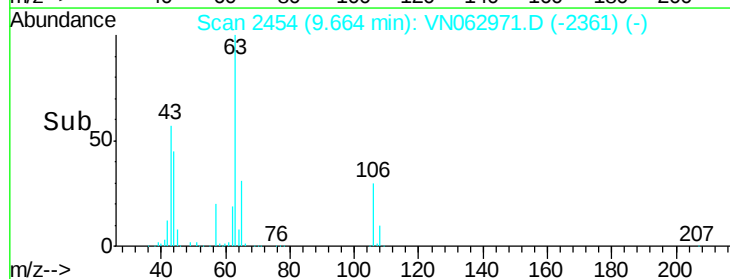
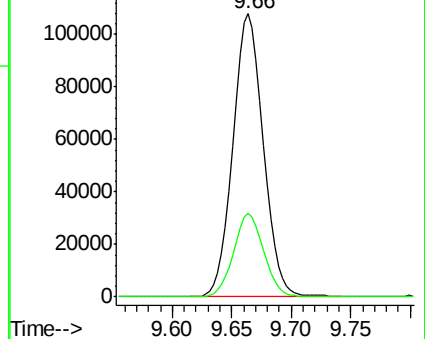
63 100

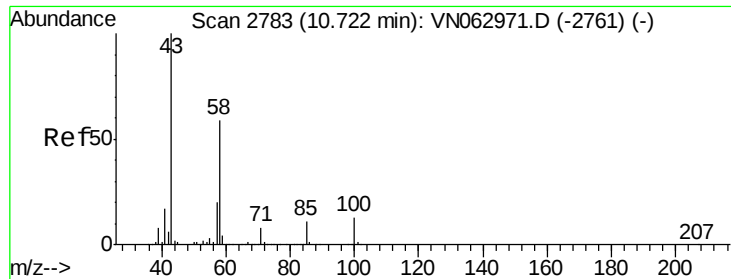
106 29.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VN062971.D (-2439) (-)

Ion 105.90 (105.60 to 106.60): VN062971.D (-2439) (-)

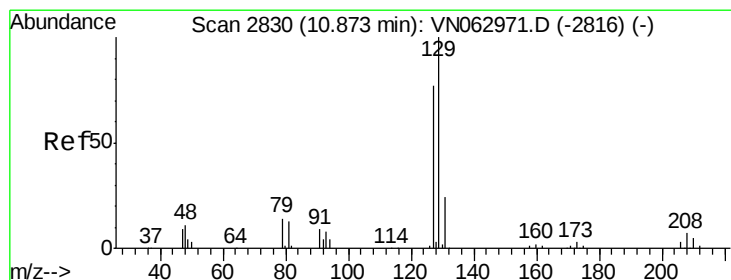
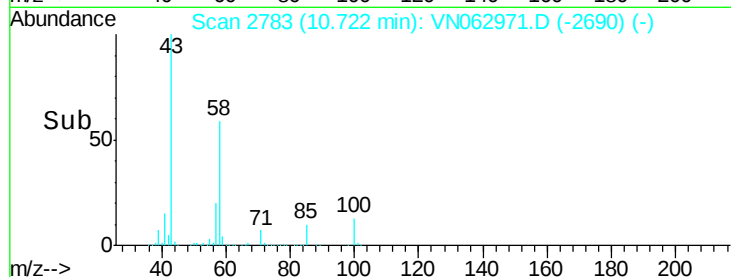
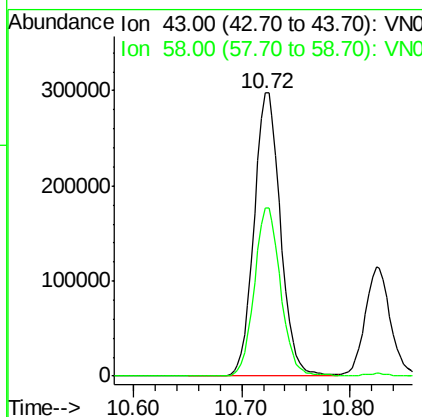
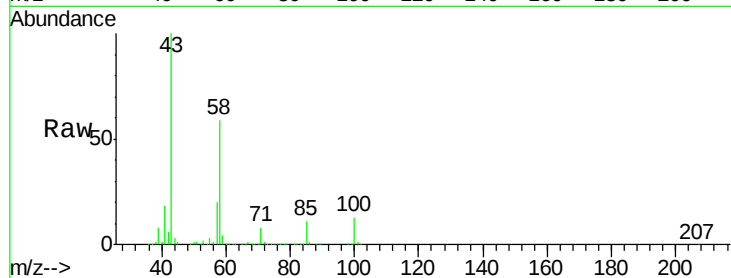




#59
2-Hexanone
Concen: 197.471 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

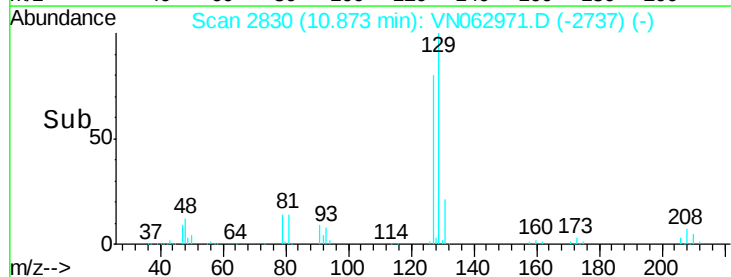
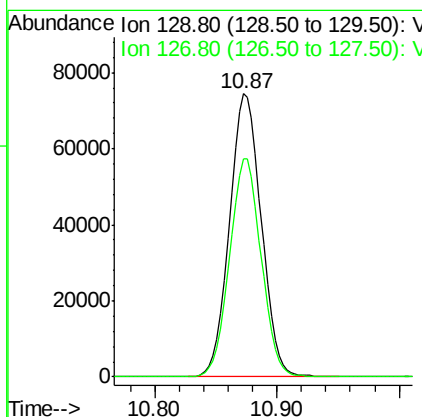
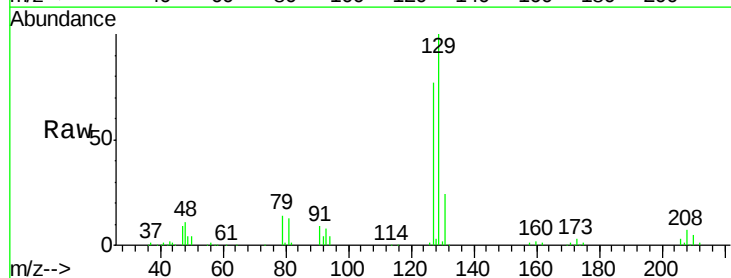
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

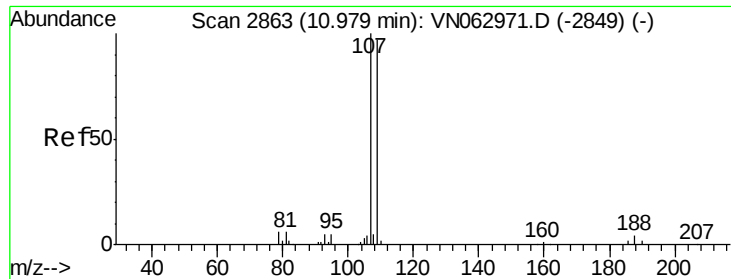
Tgt Ion: 43 Resp: 507074
Ion Ratio Lower Upper
43 100
58 59.0 29.5 88.5



#60
Dibromochloromethane
Concen: 47.222 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Tgt Ion: 129 Resp: 134824
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2

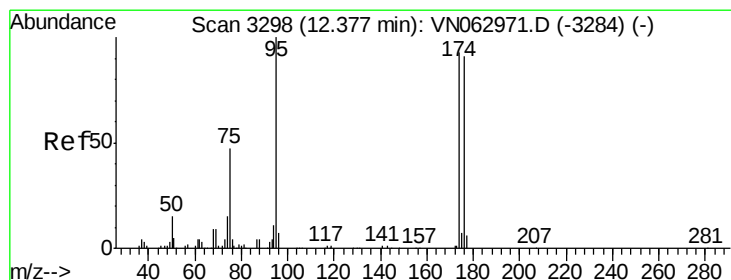
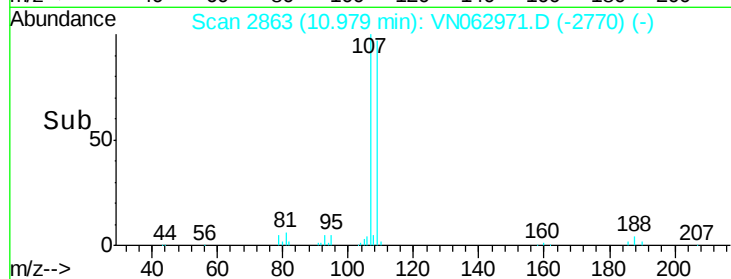
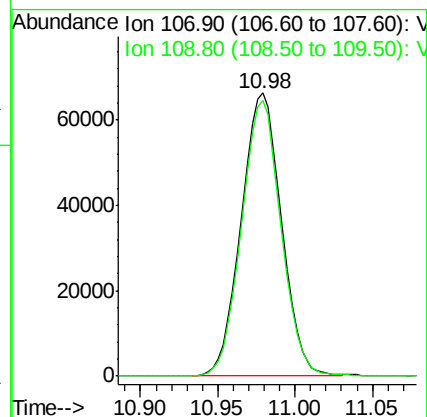
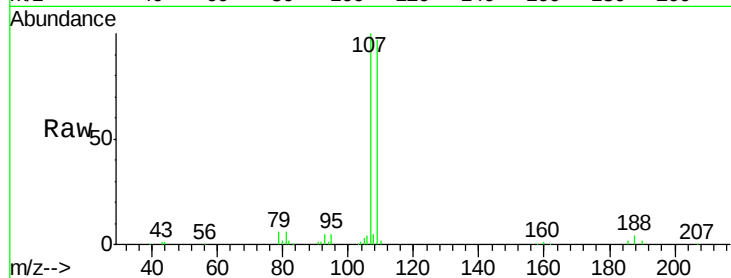




#61
 1,2-Dibromoethane
 Concen: 48.226 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

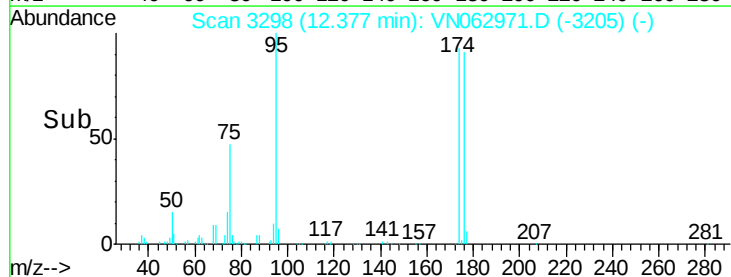
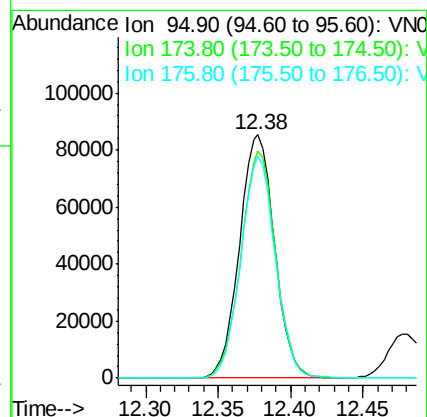
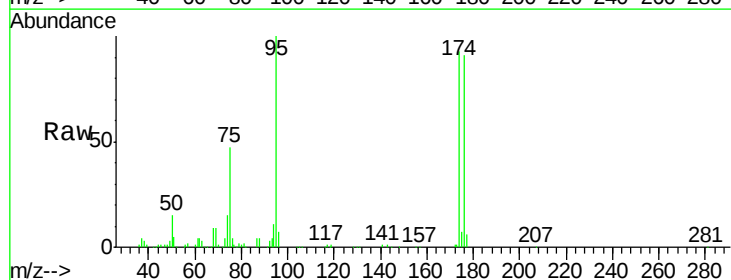
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

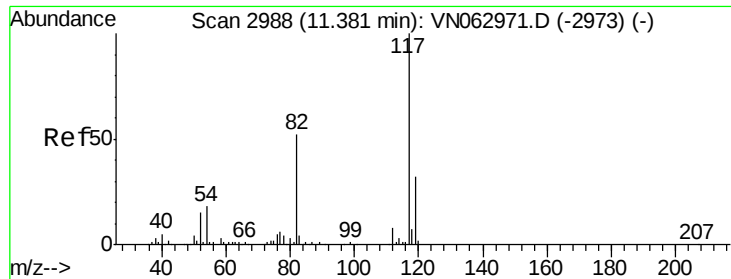
Tgt Ion: 107 Resp: 119853
 Ion Ratio Lower Upper
 107 100
 109 95.8 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 44.073 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion: 95 Resp: 143352
 Ion Ratio Lower Upper
 95 100
 174 92.6 0.0 185.2
 176 89.4 0.0 178.8

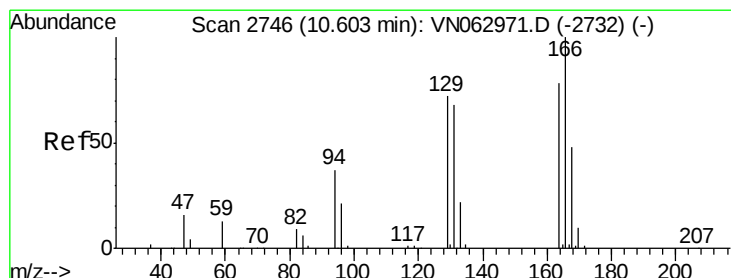
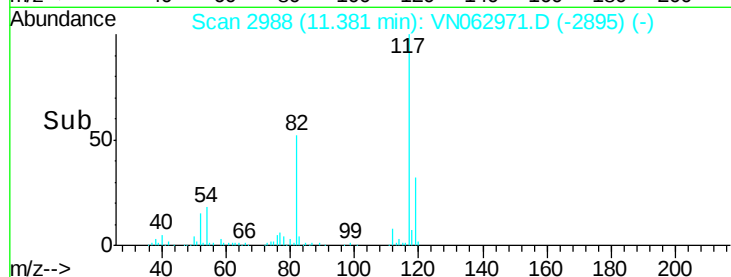
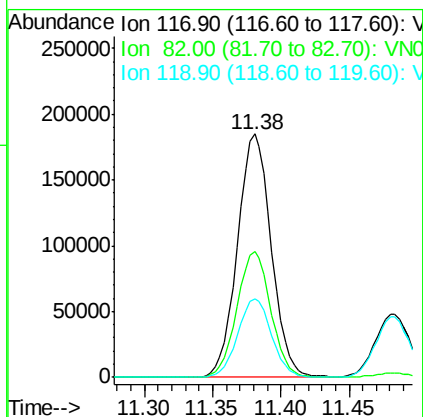
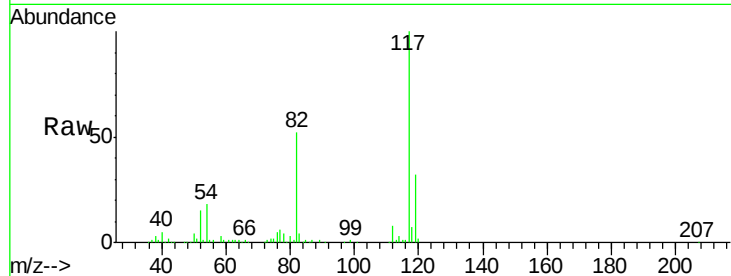




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

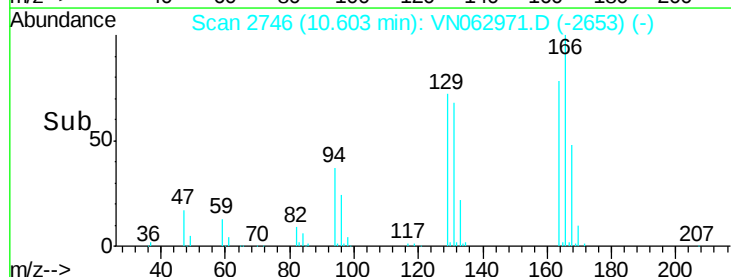
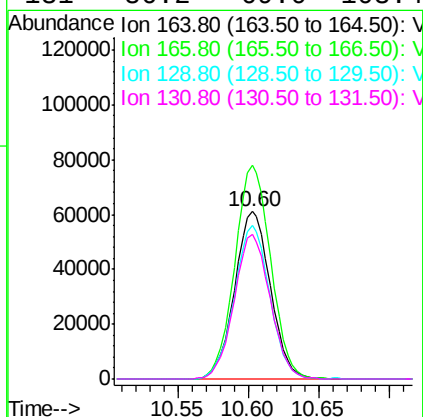
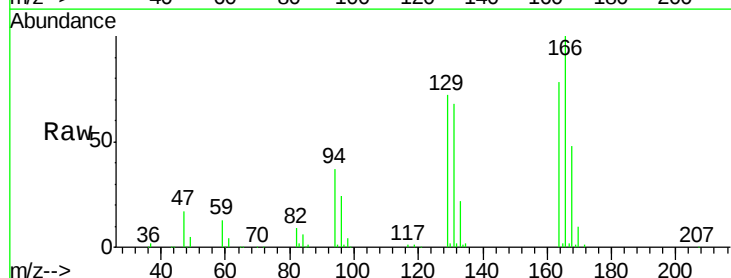
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

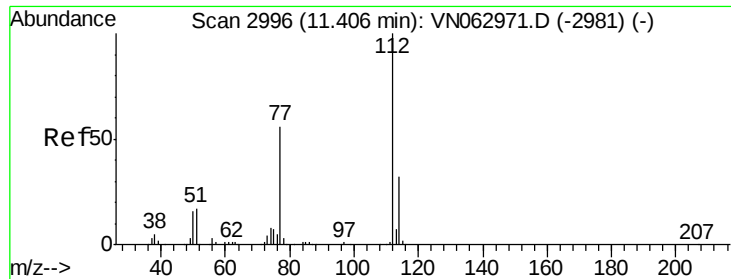
Tgt Ion:117 Resp: 317960
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 52.175 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Tgt Ion:164 Resp: 108518
Ion Ratio Lower Upper
164 100
166 127.4 101.9 152.9
129 91.4 73.1 109.7
131 86.2 69.0 103.4

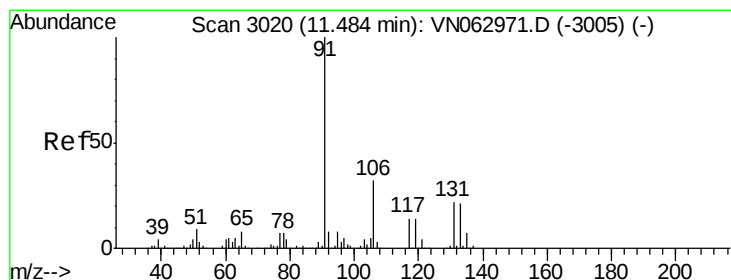
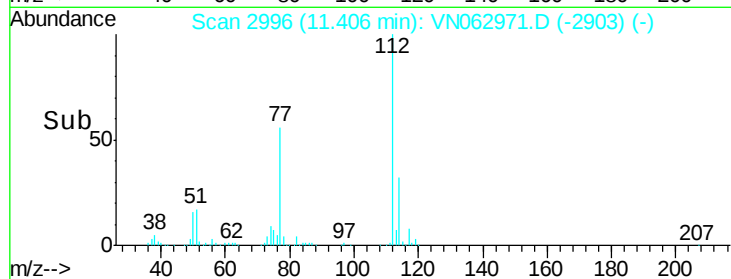
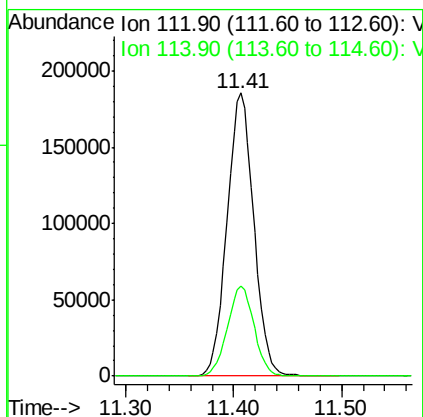
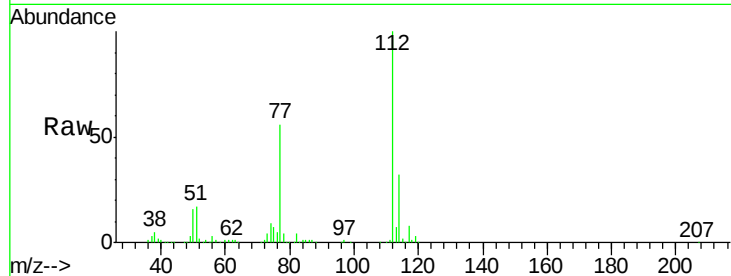




#65
Chlorobenzene
Concen: 48.462 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

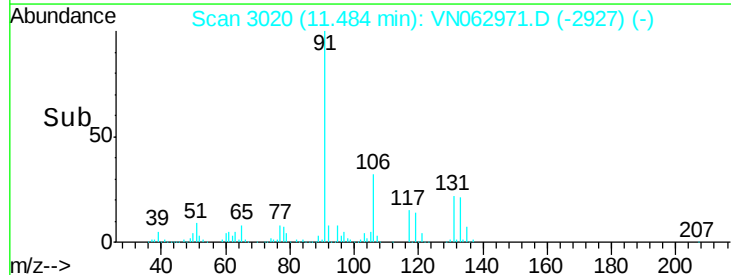
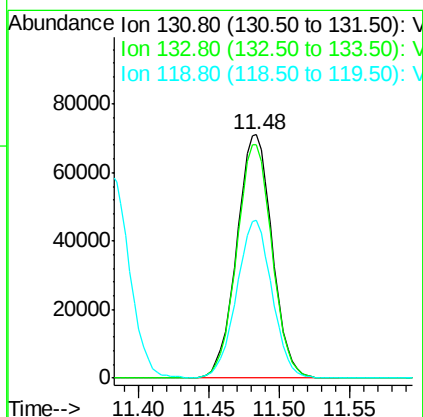
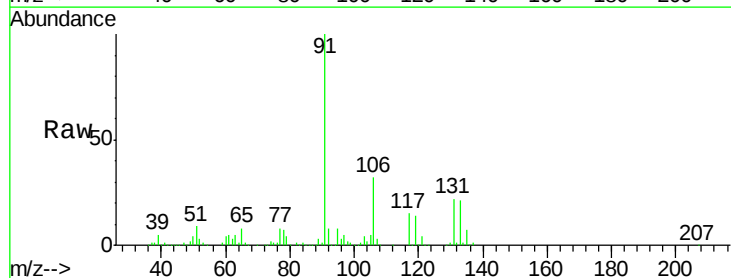
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

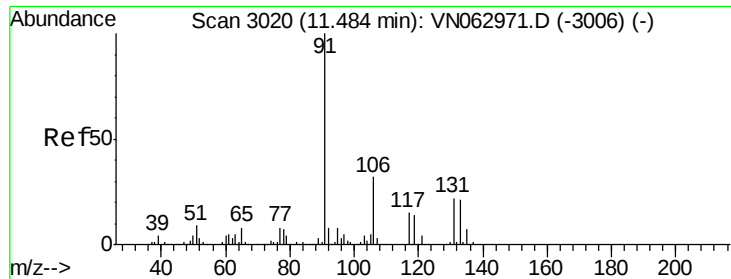
Tgt Ion:112 Resp: 320700
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.387 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Tgt Ion:131 Resp: 124966
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 64.7 32.4 97.0

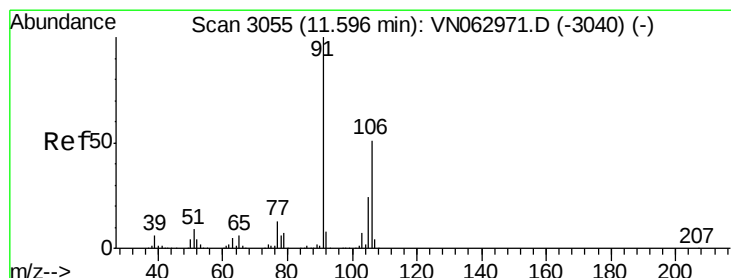
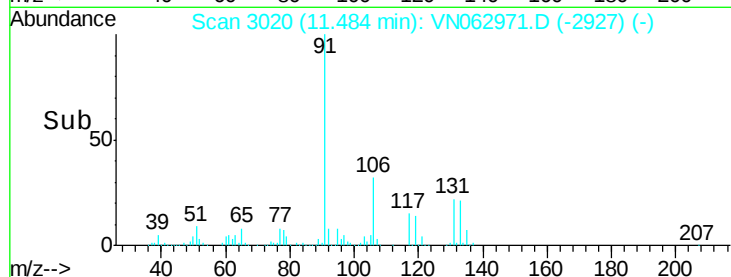
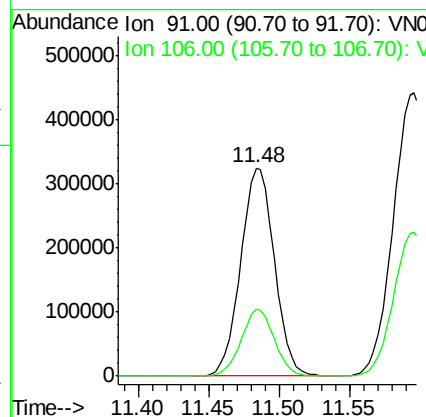
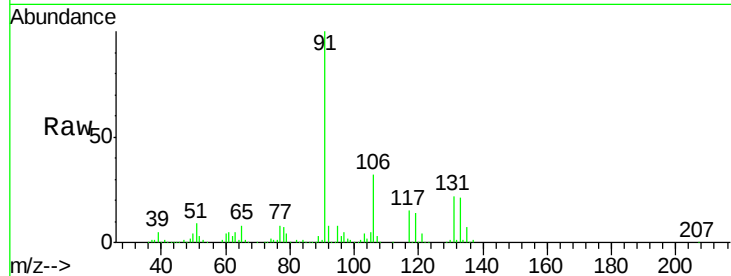




#67
Ethyl Benzene
Concen: 46.842 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

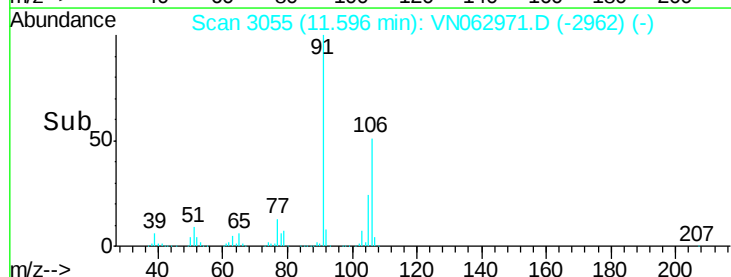
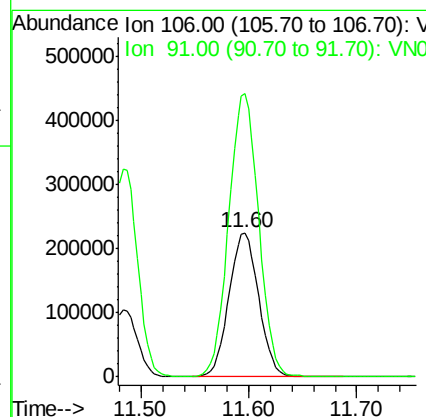
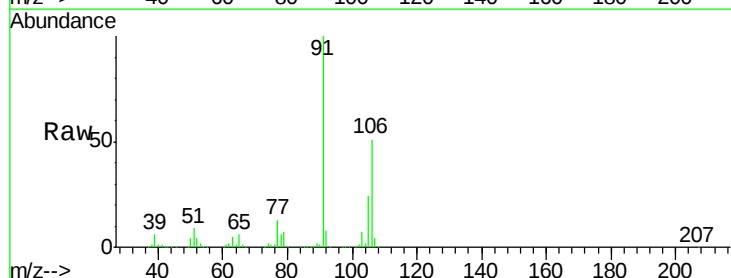
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

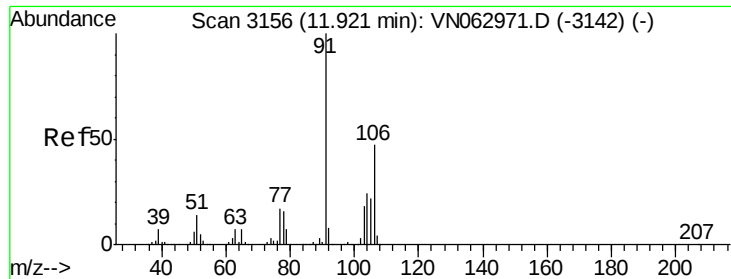
Tgt Ion: 91 Resp: 547020
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9



#68
m/p-Xylenes
Concen: 100.571 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Tgt Ion: 106 Resp: 430552
Ion Ratio Lower Upper
106 100
91 198.4 158.7 238.1

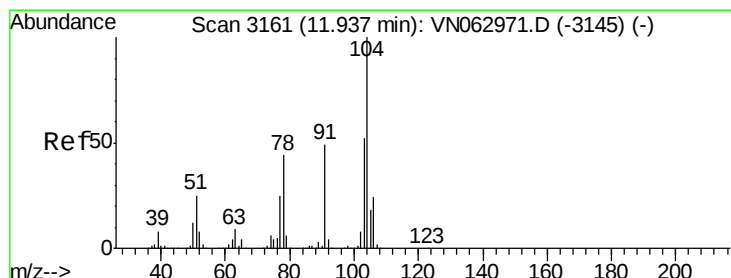
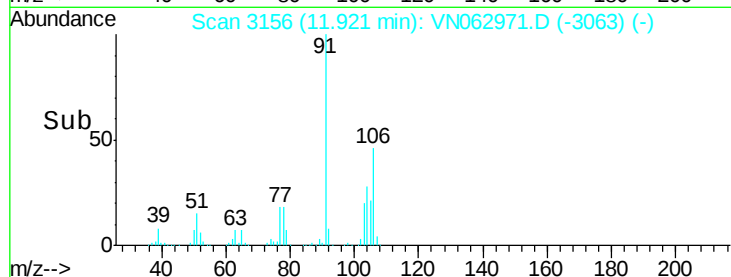
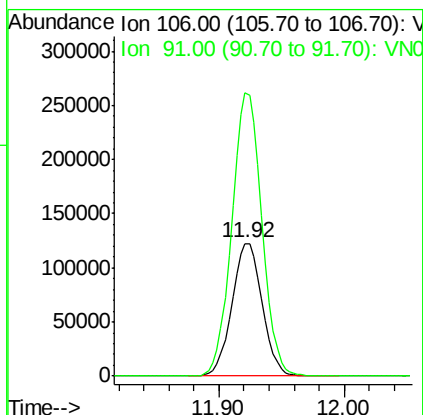
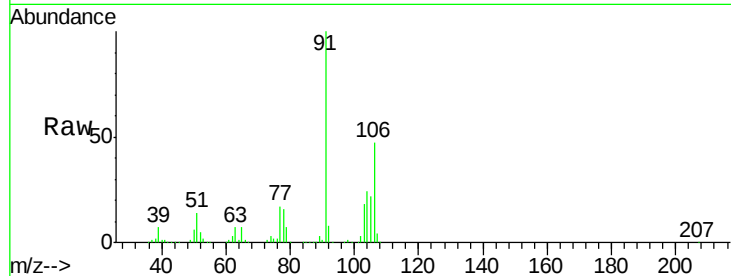




#69
o-Xylene
Concen: 51.089 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

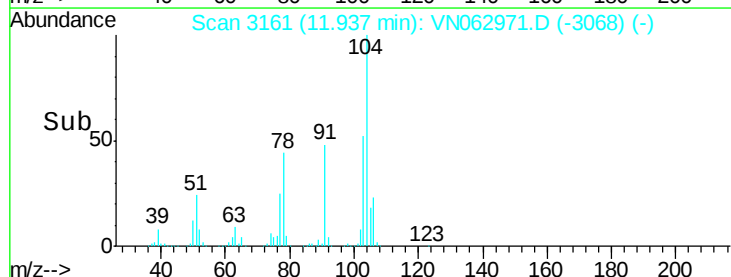
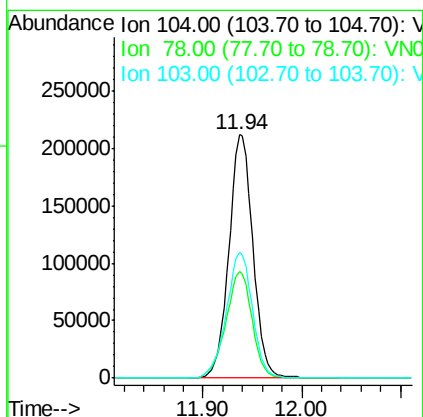
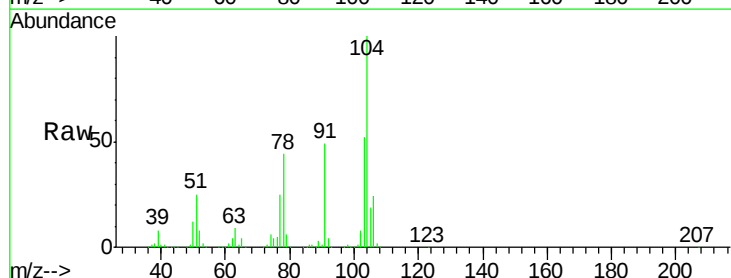
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

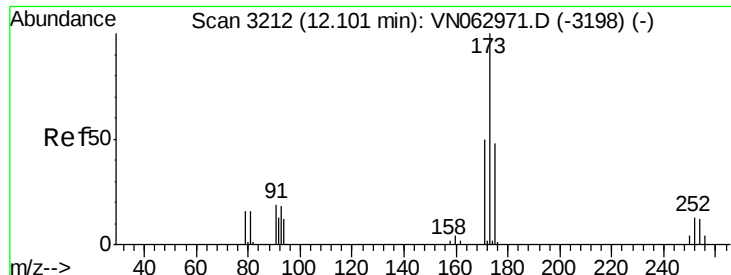
Tgt Ion:106 Resp: 204509
Ion Ratio Lower Upper
106 100
91 212.5 106.3 318.8



#70
Styrene
Concen: 51.433 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Tgt Ion:104 Resp: 361668
Ion Ratio Lower Upper
104 100
78 47.8 38.2 57.4
103 56.1 44.9 67.3

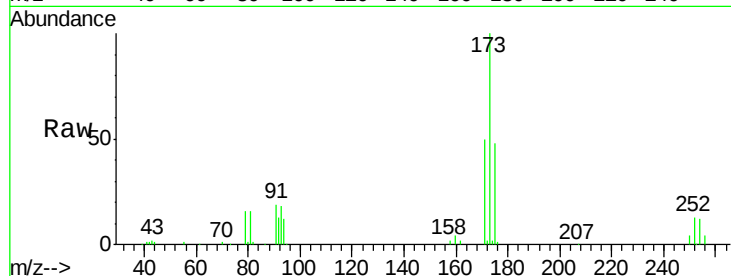




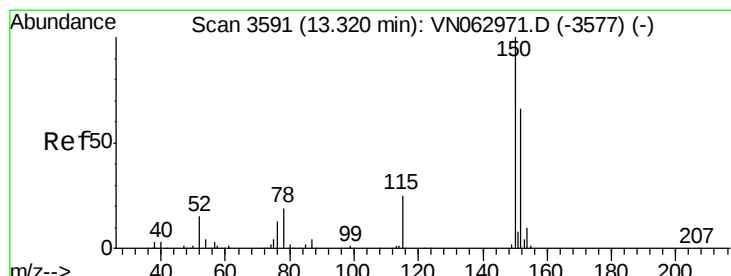
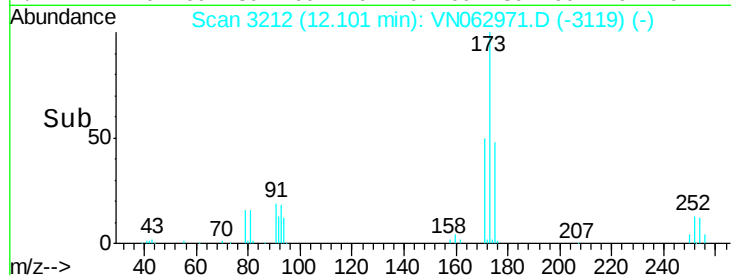
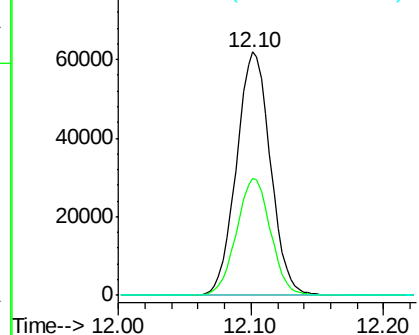
#71
Bromoform
Concen: 50.513 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 110047
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.0 0.0 0.0

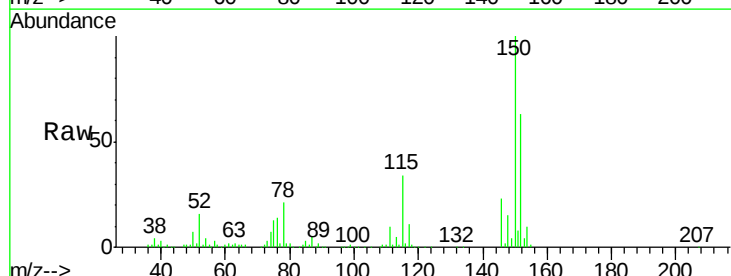


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

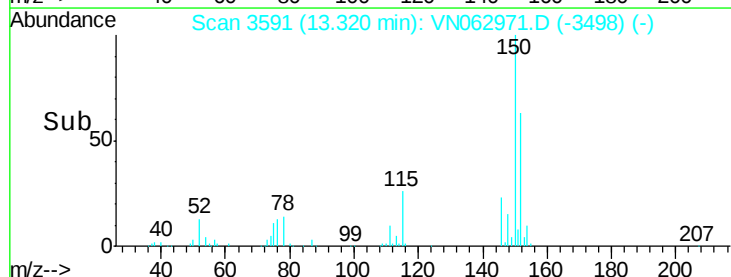
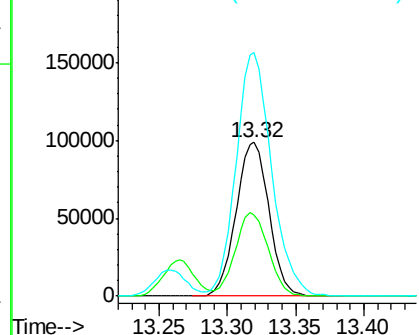


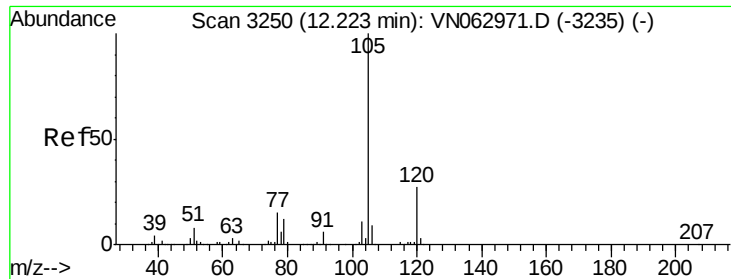
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Tgt Ion:152 Resp: 165317
Ion Ratio Lower Upper
152 100
115 54.2 27.1 81.3
150 170.7 0.0 341.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.463 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

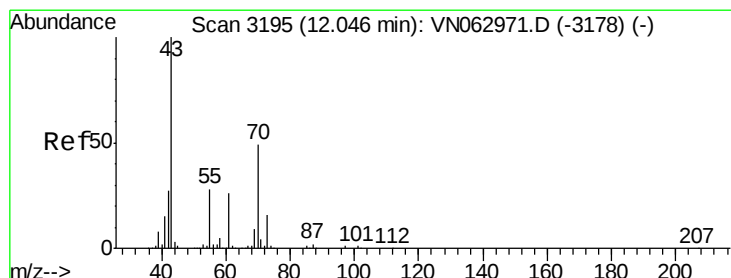
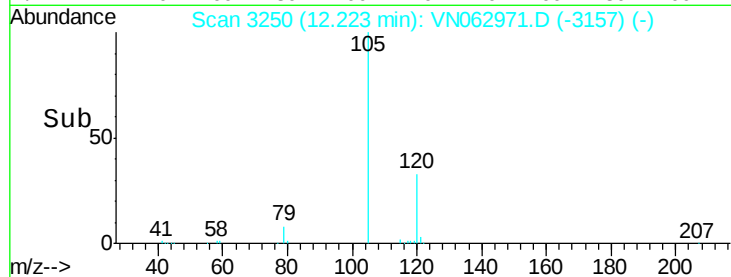
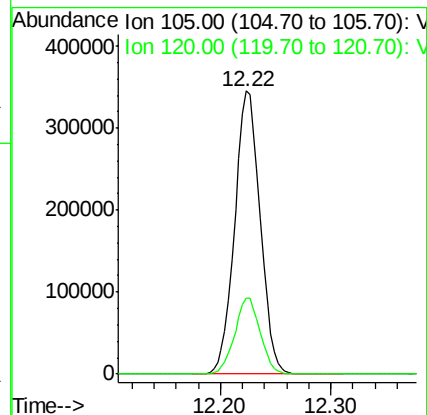
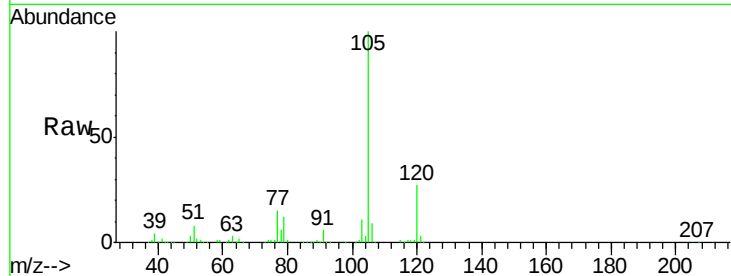
VSTDICCC050

Tgt Ion: 105 Resp: 554105

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#74

N-ethyl acetate

Concen: 38.939 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Tgt Ion: 43 Resp: 185065

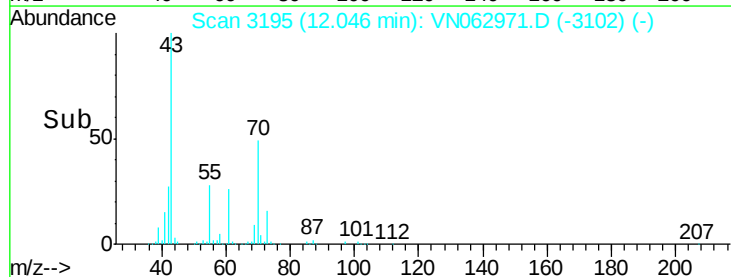
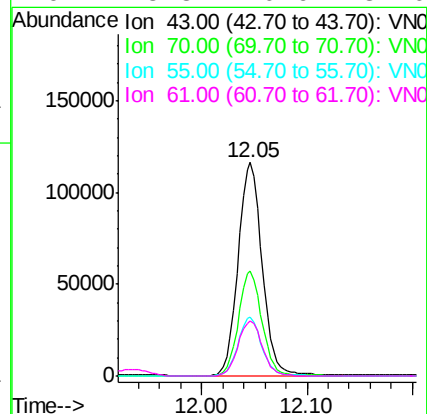
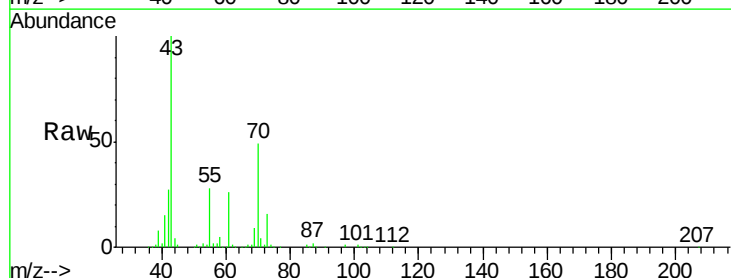
Ion Ratio Lower Upper

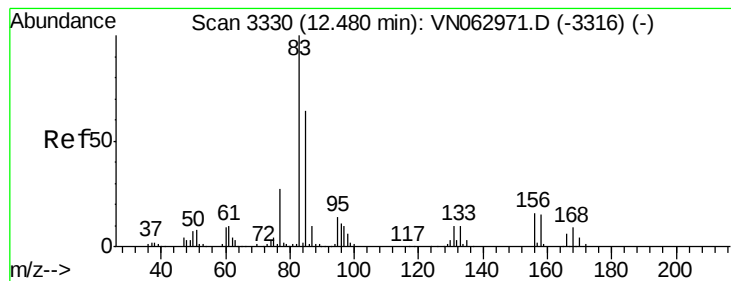
43 100

70 48.0 38.4 57.6

55 27.4 21.9 32.9

61 25.8 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 41.665 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

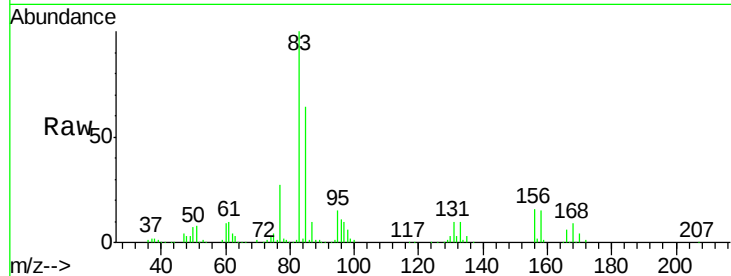
Tgt Ion: 83 Resp: 178595

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

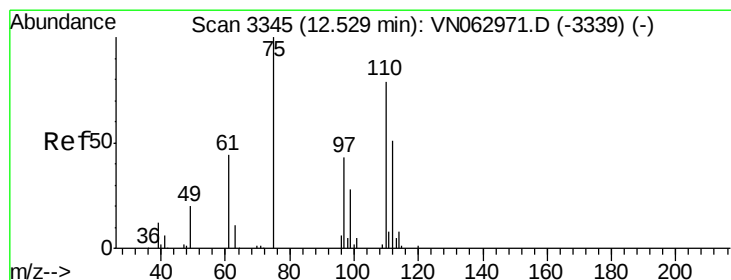
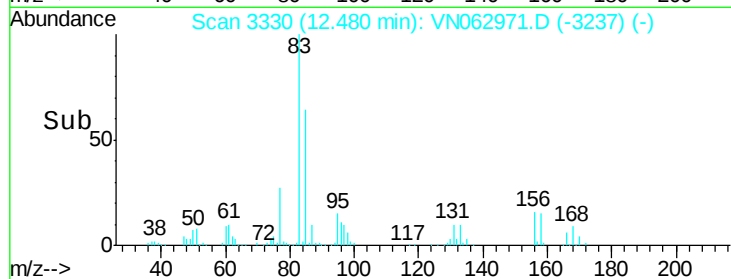
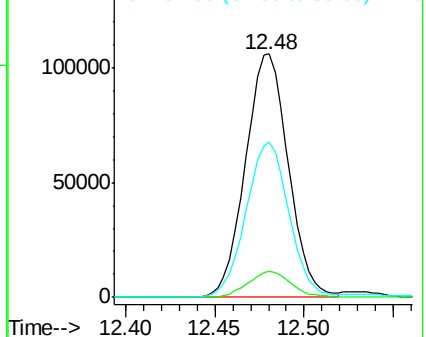
85 63.8 31.9 95.7



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: 50.708 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062971.D

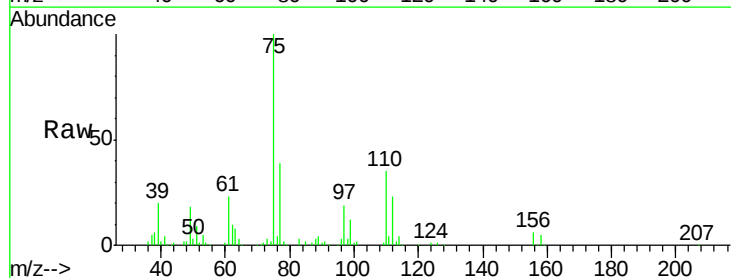
Acq: 17 Aug 2020 14:38

Tgt Ion: 75 Resp: 217023

Ion Ratio Lower Upper

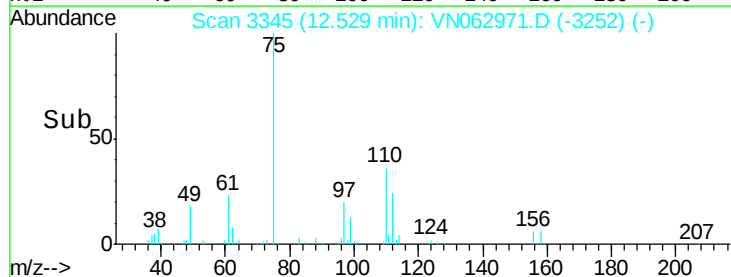
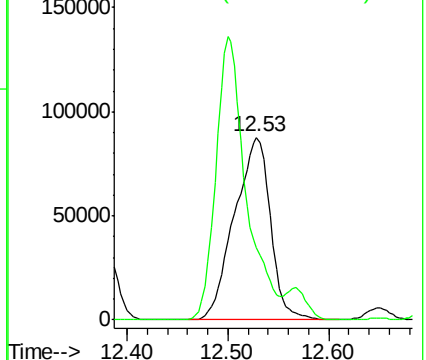
75 100

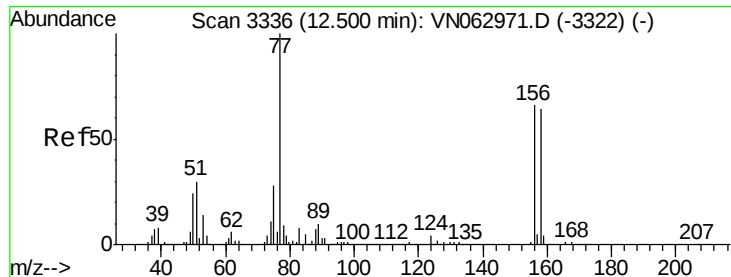
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

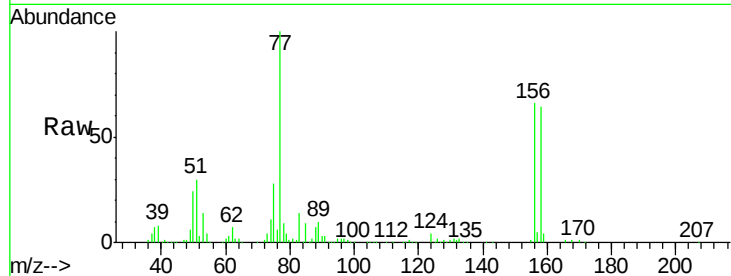




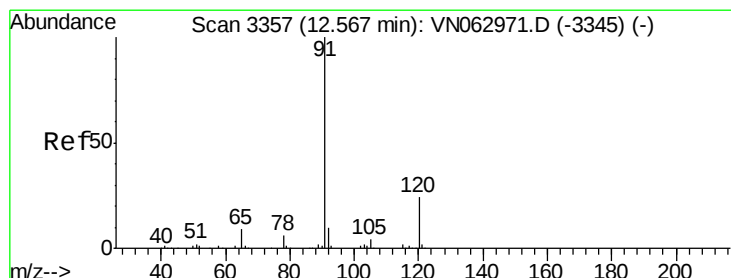
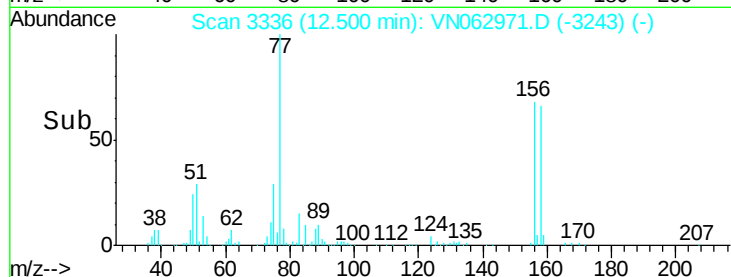
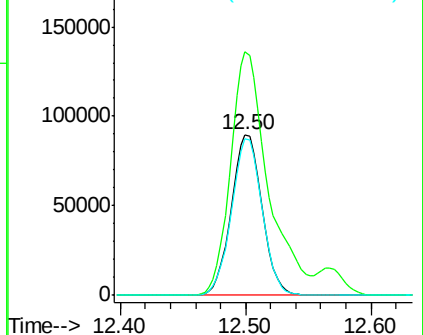
#77
Bromobenzene
Concen: 49.110 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 152606
Ion Ratio Lower Upper
156 100
77 184.8 92.4 277.2
158 97.2 48.6 145.8

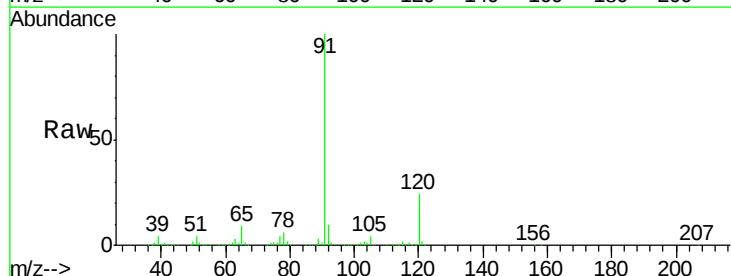


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

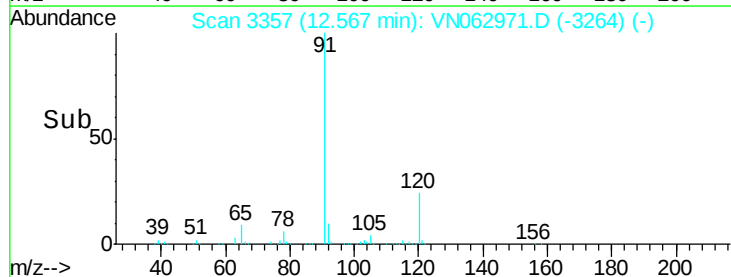
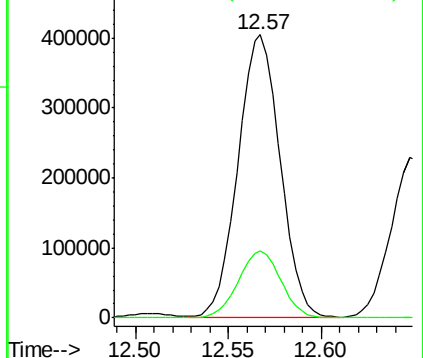


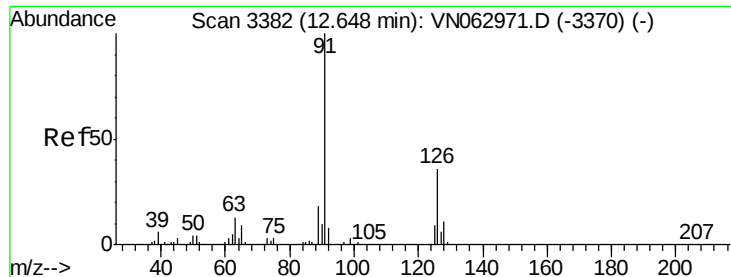
#78
n-propylbenzene
Concen: 44.590 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Tgt Ion: 91 Resp: 635766
Ion Ratio Lower Upper
91 100
120 24.2 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 42.147 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

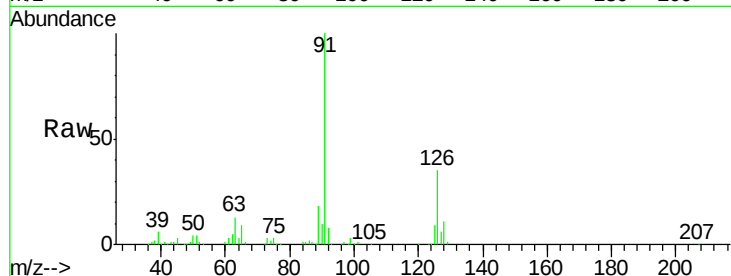
VSTDICCC050

Tgt Ion: 91 Resp: 375036

Ion Ratio Lower Upper

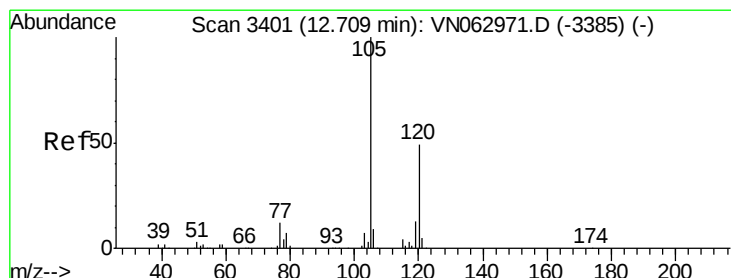
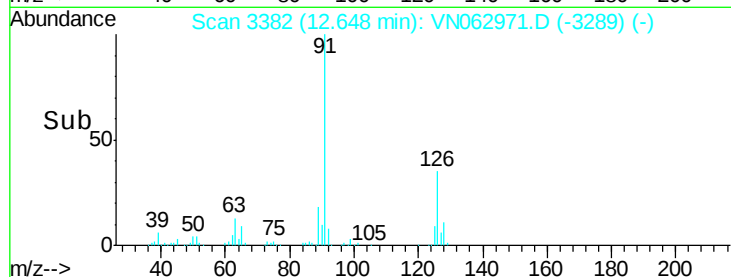
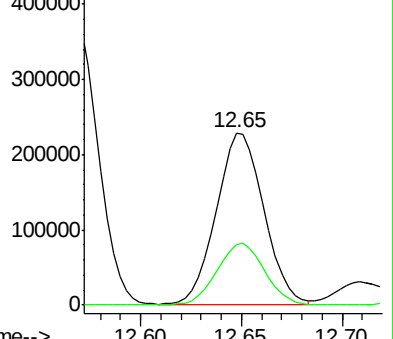
91 100

126 36.2 18.1 54.3



Abundance Ion 91.00 (90.70 to 91.70): VN062971.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062971.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.091 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062971.D

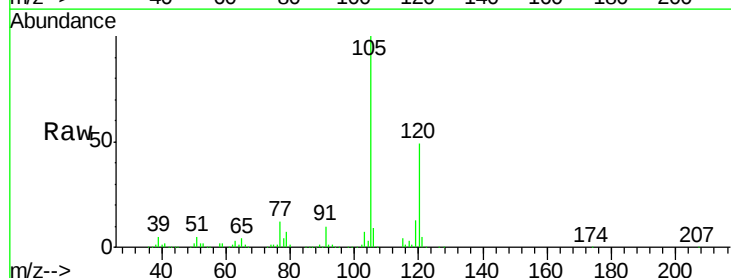
Acq: 17 Aug 2020 14:38

Tgt Ion: 105 Resp: 486452

Ion Ratio Lower Upper

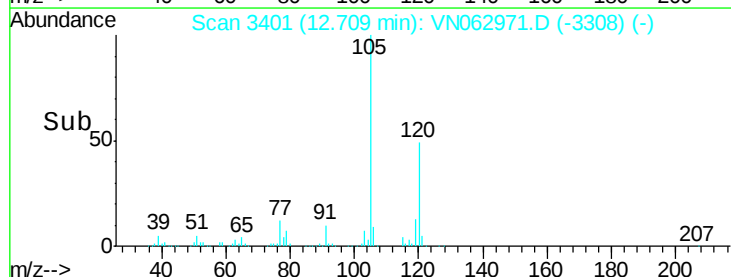
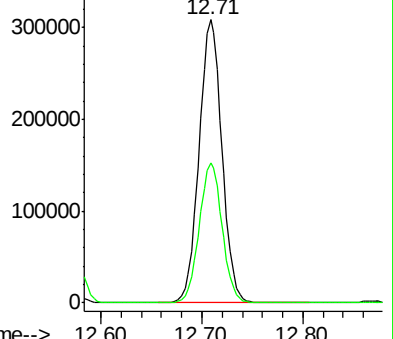
105 100

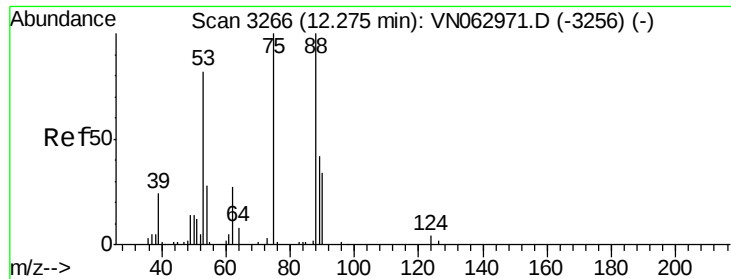
120 49.8 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN062971.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062971.D (-3385) (-)

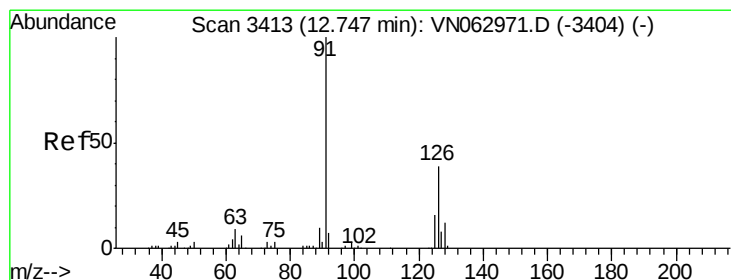
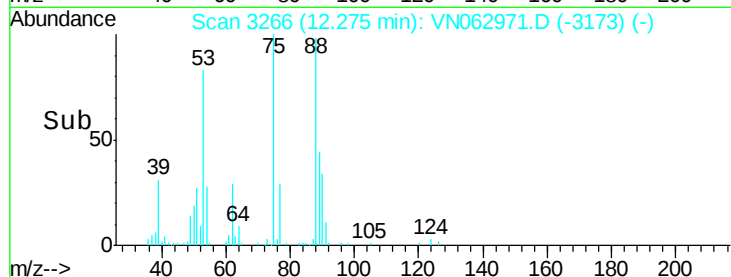
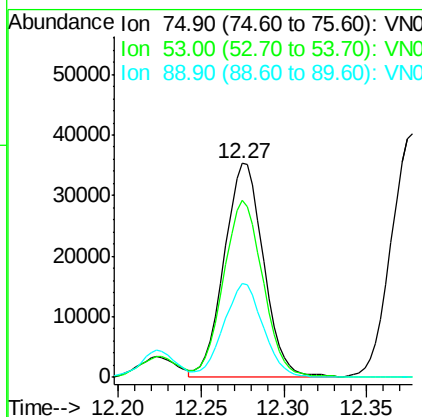
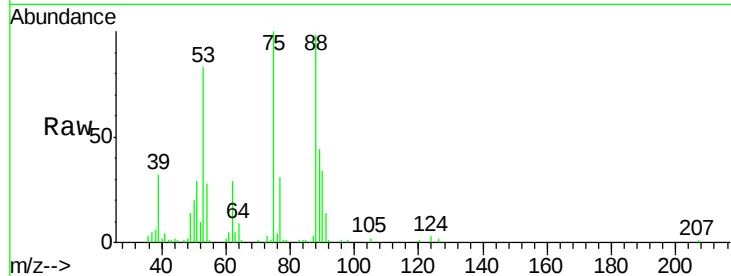




#81
trans-1,4-Dichloro-2-butene
Concen: 42.117 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

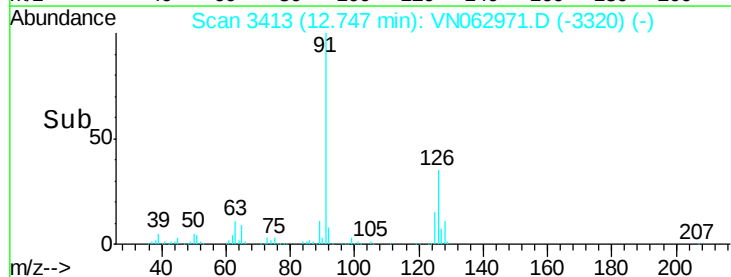
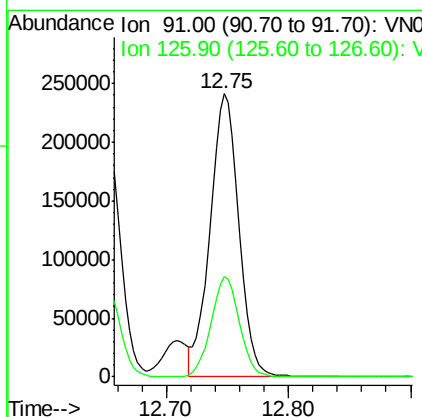
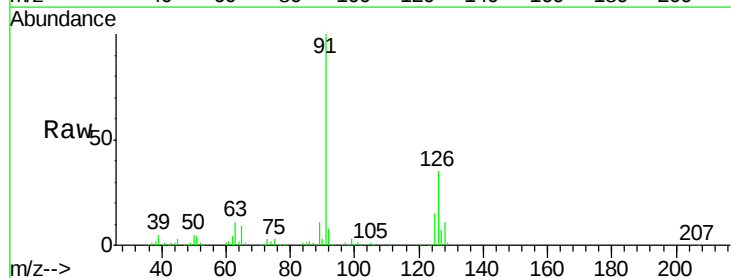
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

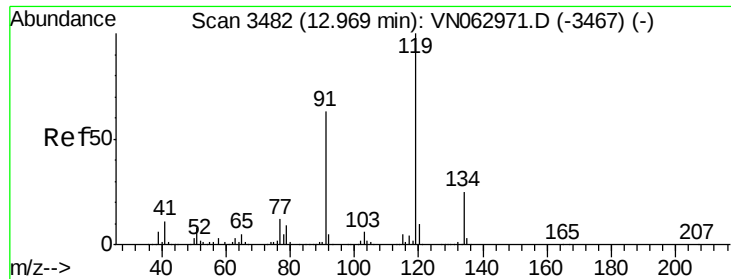
Tgt Ion: 75 Resp: 58572
Ion Ratio Lower Upper
75 100
53 82.7 66.2 99.2
89 43.7 35.0 52.4



#82
4-Chlorotoluene
Concen: 43.178 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Tgt Ion: 91 Resp: 396821
Ion Ratio Lower Upper
91 100
126 35.2 17.6 52.8

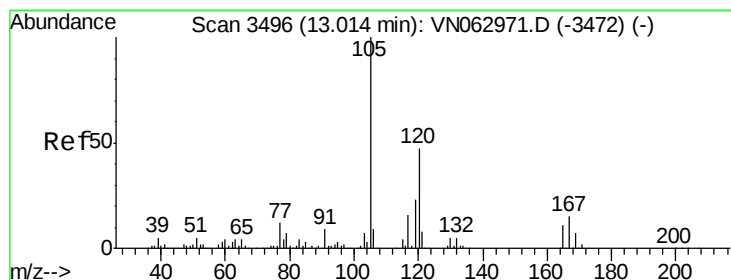
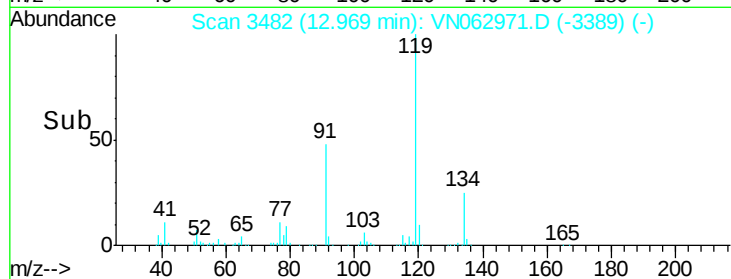
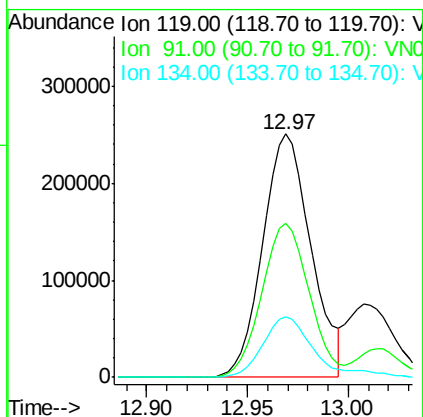
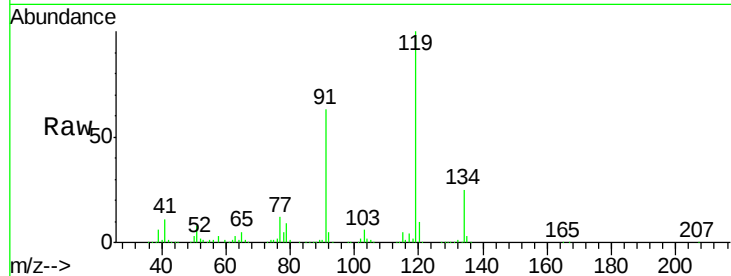




#83
 tert-Butylbenzene
 Concen: 46.469 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

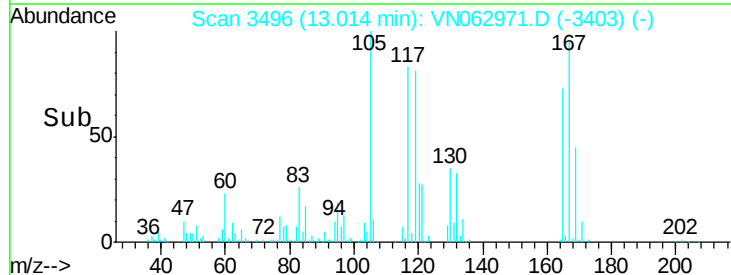
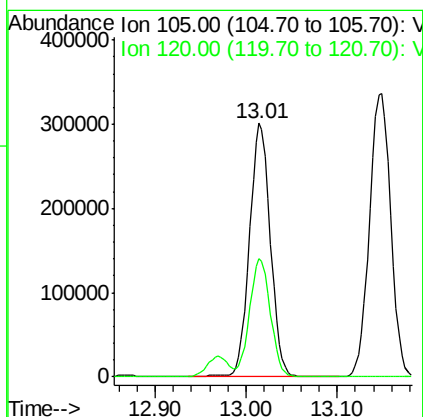
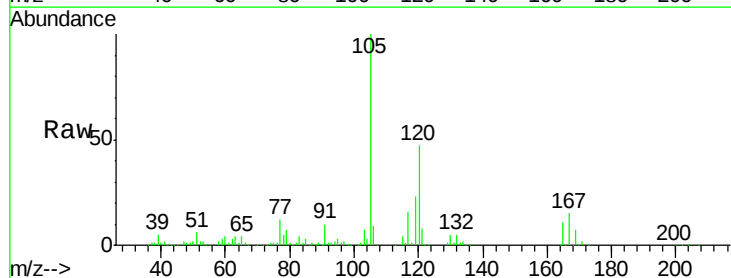
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

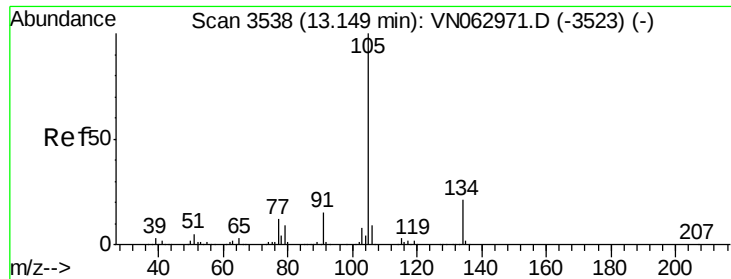
Tgt Ion:119 Resp: 416951
 Ion Ratio Lower Upper
 119 100
 91 62.0 31.0 93.0
 134 26.5 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.472 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion:105 Resp: 479625
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6

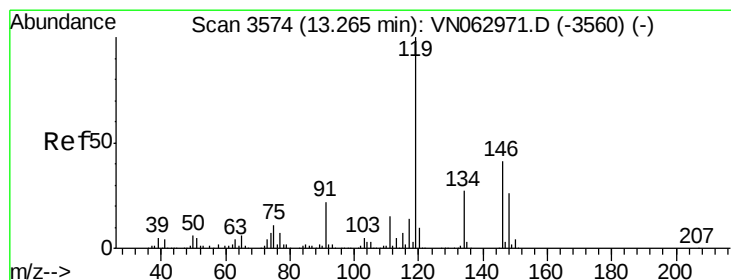
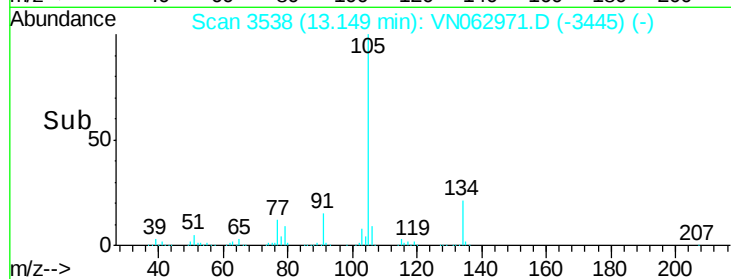
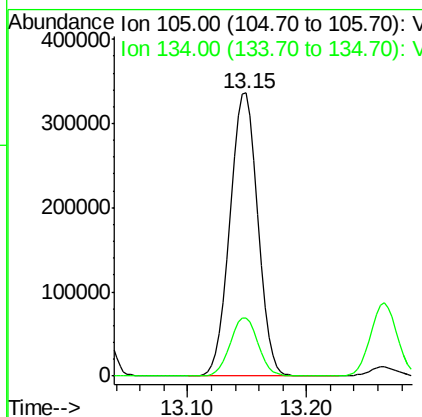
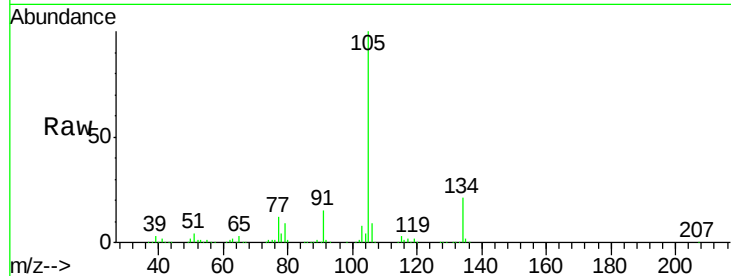




#85
 sec-Butylbenzene
 Concen: 46.414 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

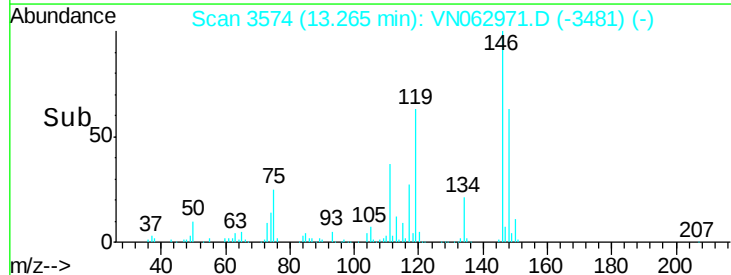
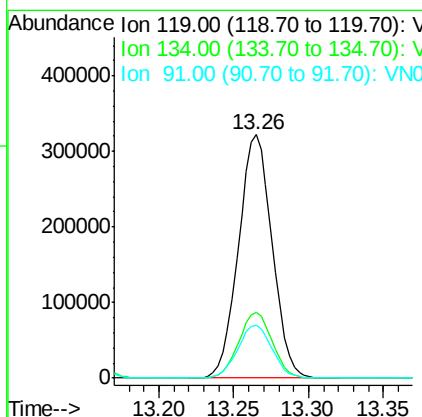
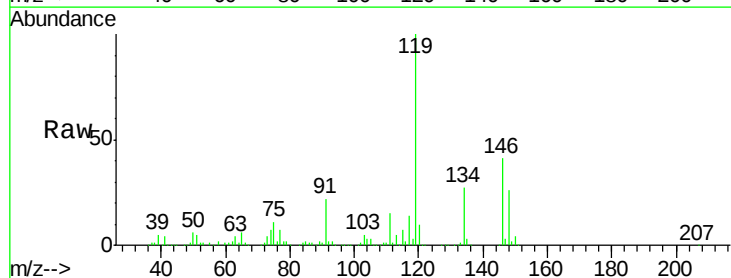
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

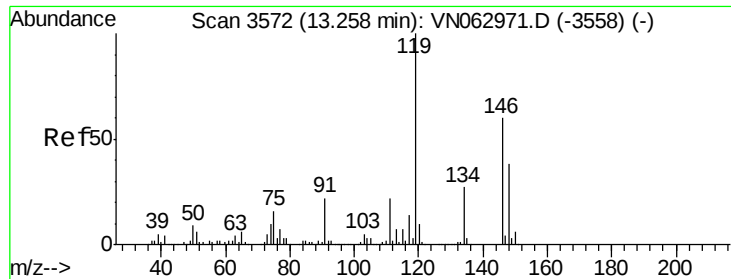
Tgt Ion:105 Resp: 546160
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 48.060 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion:119 Resp: 502568
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 22.1 11.1 33.1

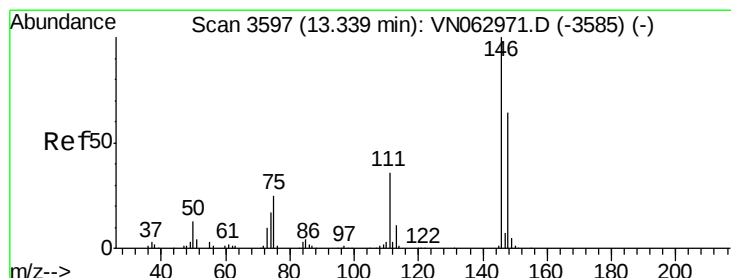
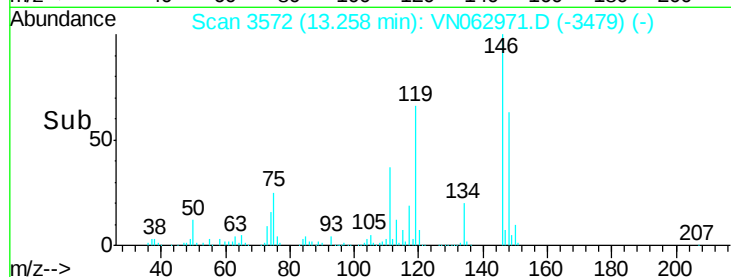
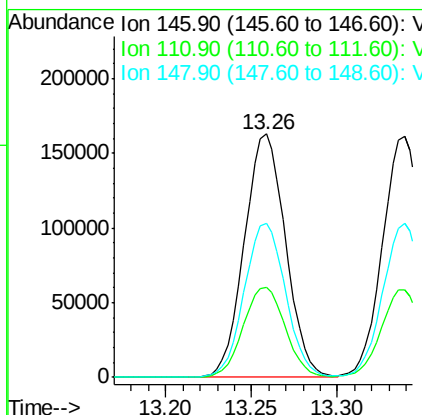
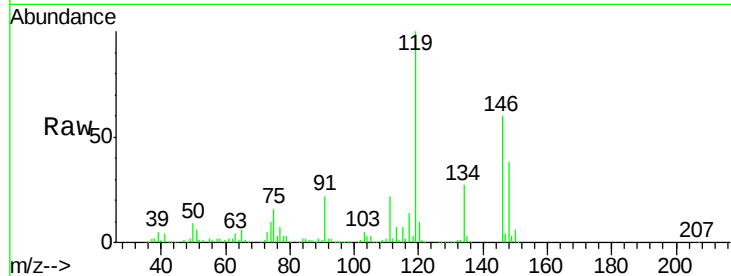




#87
 1,3-Dichlorobenzene
 Concen: 49.348 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

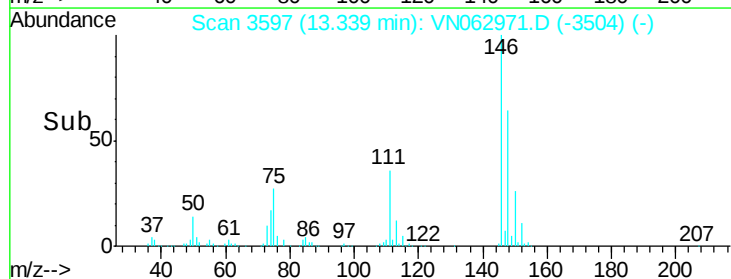
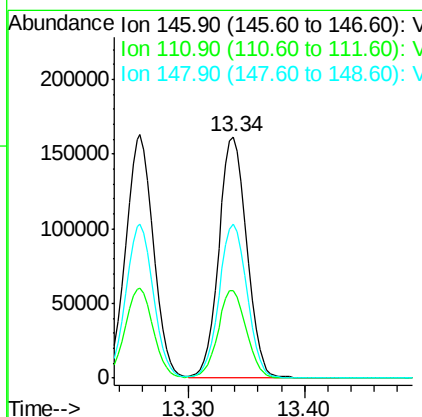
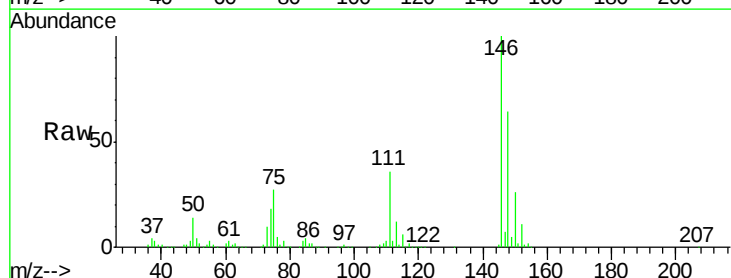
Instrument :
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 ClientSampleId :
 VSTDICCC050

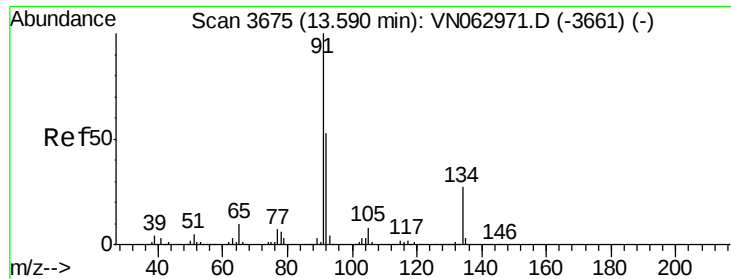
Tgt Ion:146 Resp: 271723
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 63.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 48.641 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion:146 Resp: 269513
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.2
 148 64.3 32.1 96.5

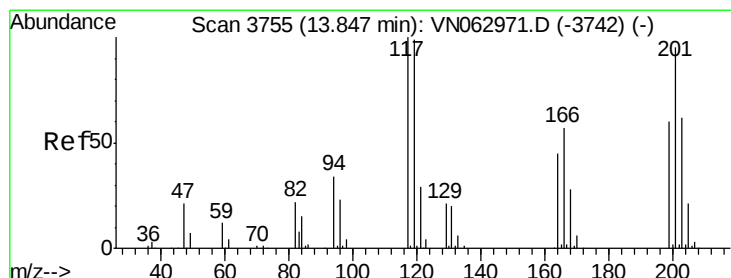
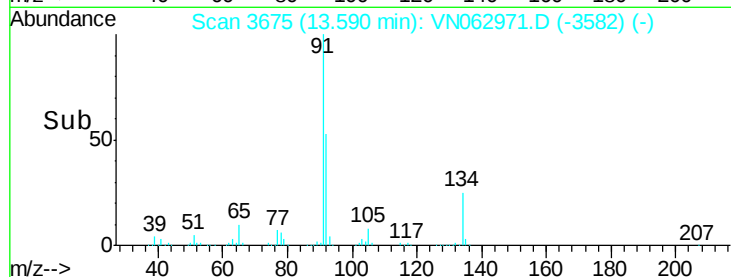
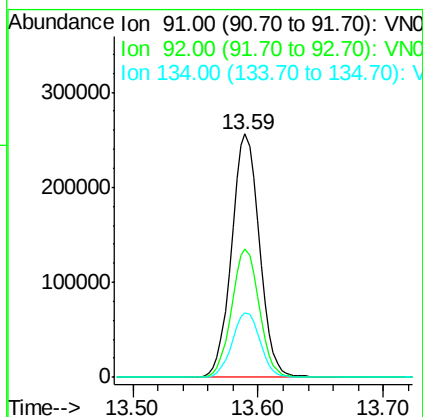
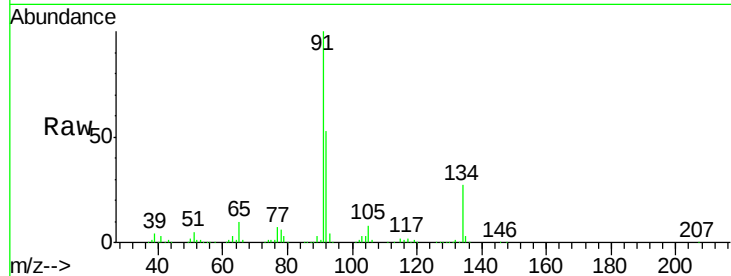




#89
n-Butylbenzene
Concen: 45.000 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

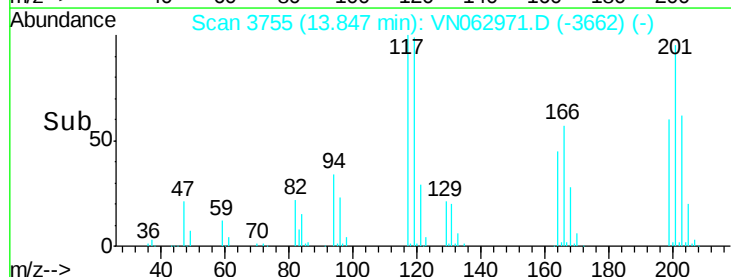
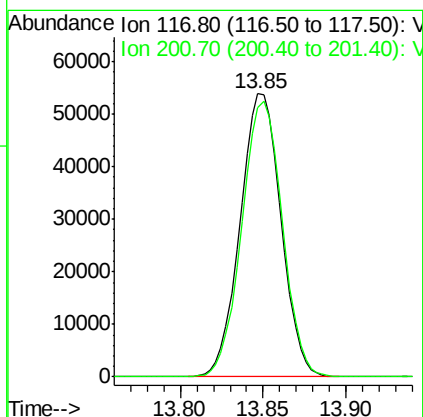
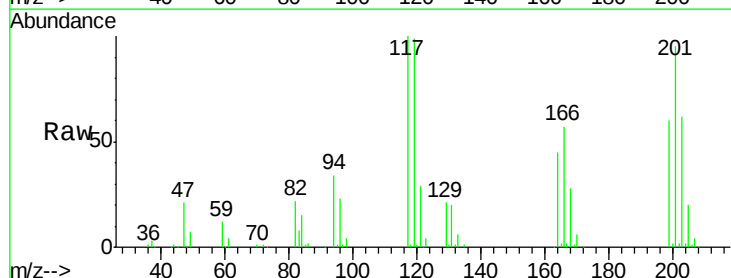
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

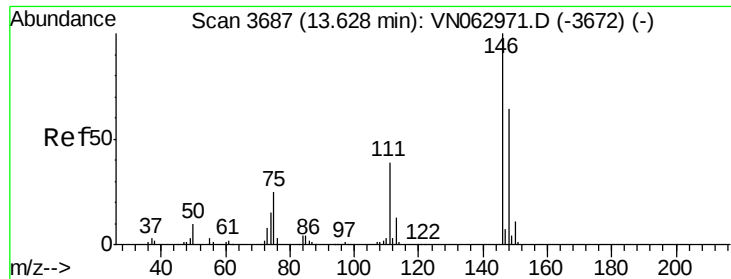
Tgt Ion: 91 Resp: 395246
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.8
134 26.8 13.4 40.2



#90
Hexachloroethane
Concen: 41.241 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. 0.00 min
Lab File: VN062971.D
Acq: 17 Aug 2020 14:38

Tgt Ion: 117 Resp: 92266
Ion Ratio Lower Upper
117 100
201 96.9 48.4 145.3

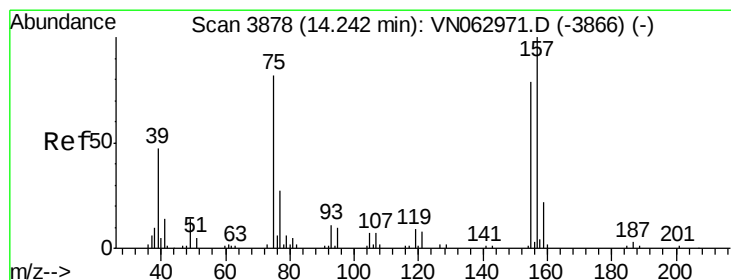
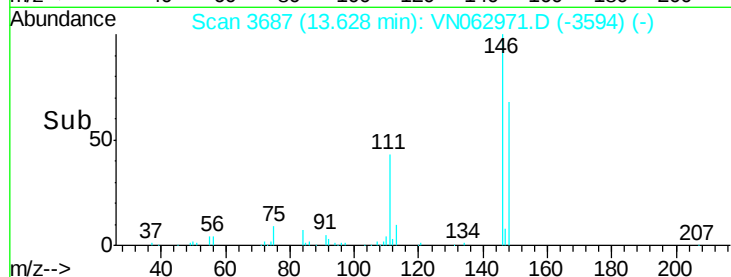
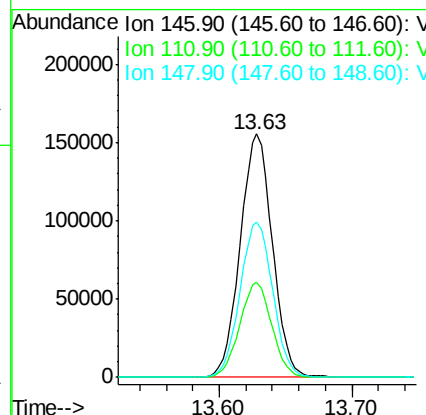
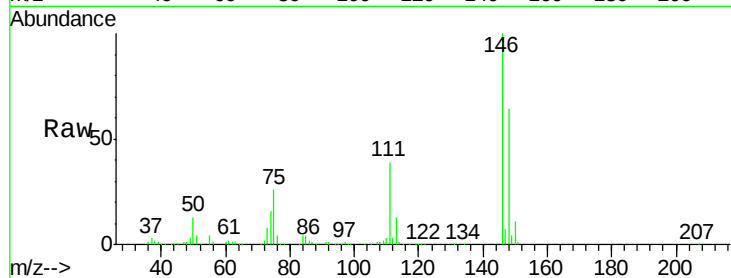




#91
 1,2-Dichlorobenzene
 Concen: 50.671 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

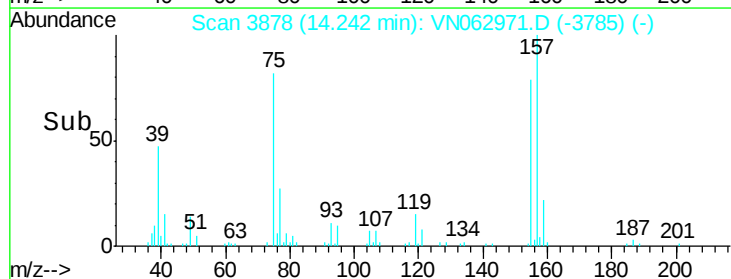
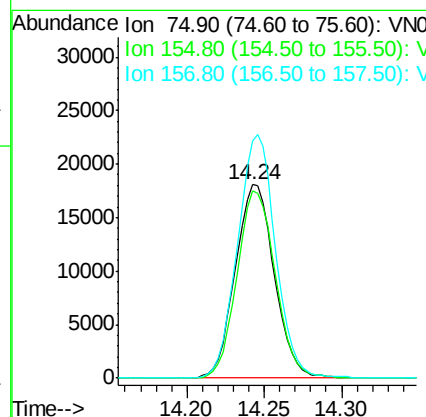
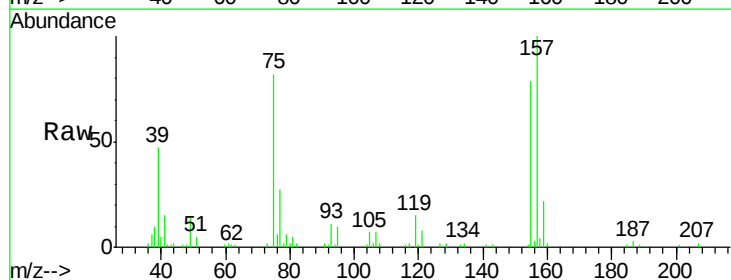
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

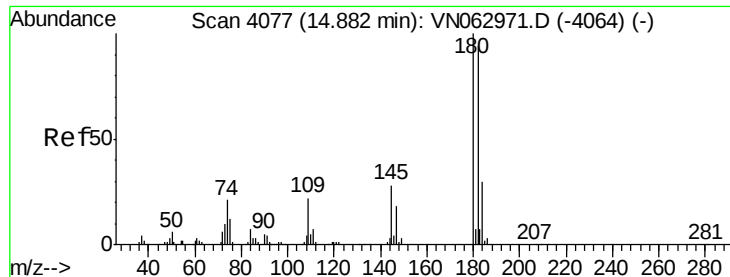
Tgt Ion: 146 Resp: 262473
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.4
 148 65.0 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 35.752 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion: 75 Resp: 31627
 Ion Ratio Lower Upper
 75 100
 155 95.2 47.6 142.8
 157 122.7 61.4 184.1

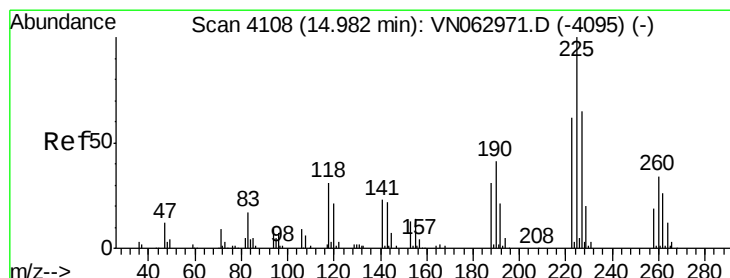
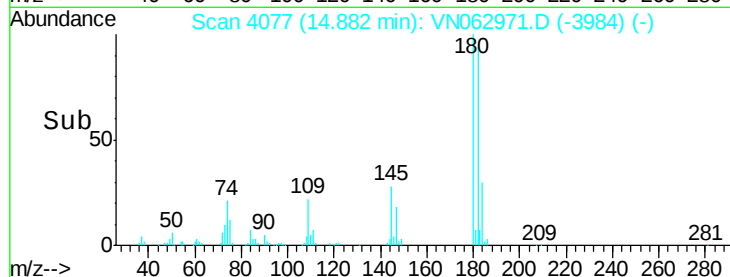
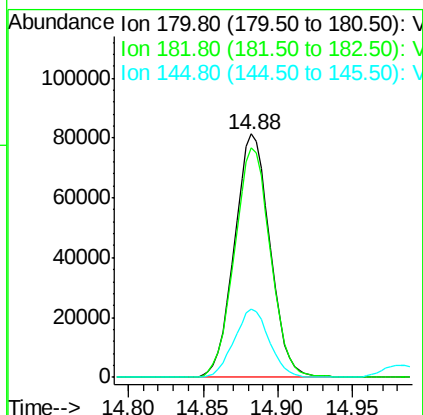
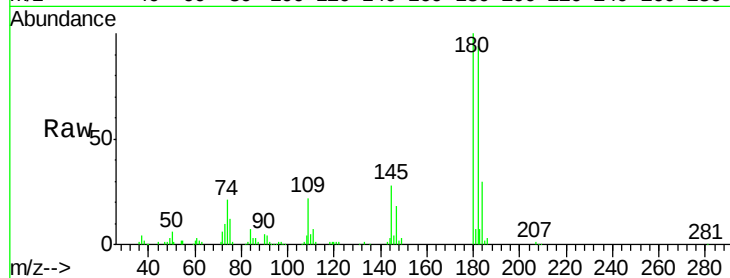




#93
 1,2,4-Trichlorobenzene
 Concen: 54.821 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

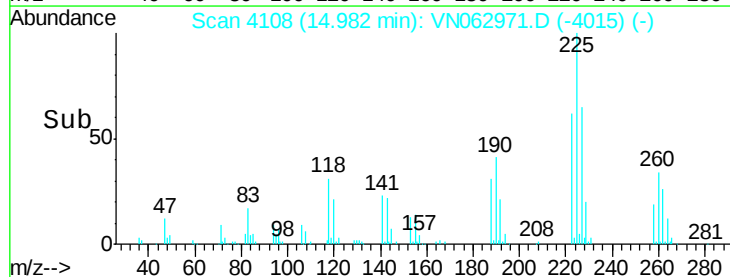
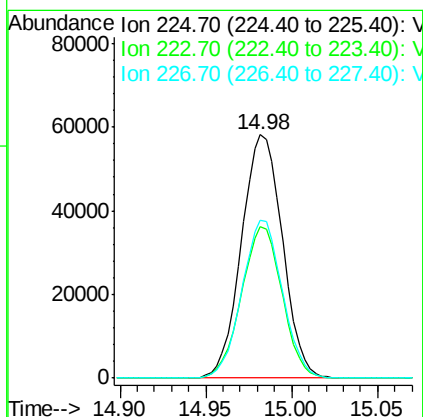
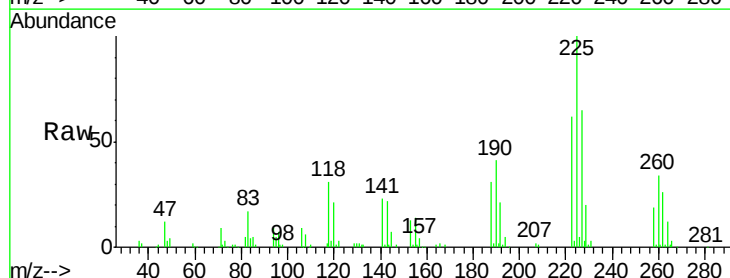
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

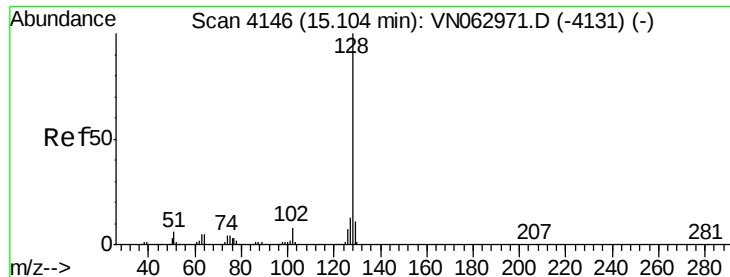
Tgt Ion:180 Resp: 134441
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.3
 145 27.8 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 52.391 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062971.D
 Acq: 17 Aug 2020 14:38

Tgt Ion:225 Resp: 96342
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.9 92.5
 227 64.0 32.0 96.0





#95

Naphthalene

Concen: 49.811 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

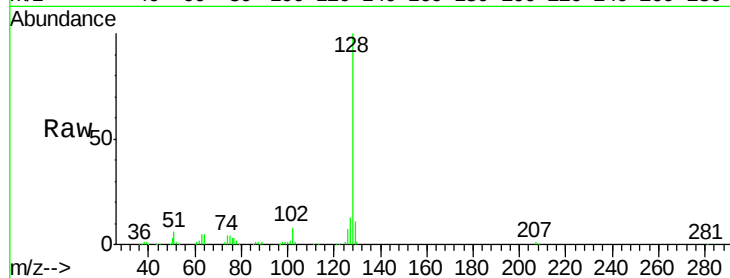
Tgt Ion:128 Resp: 313523

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

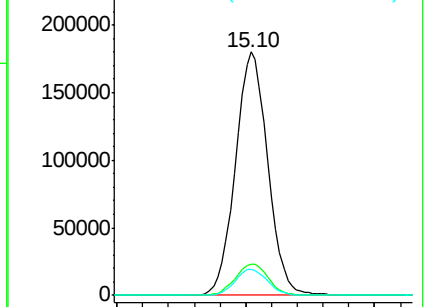
129 10.7 8.6 12.8



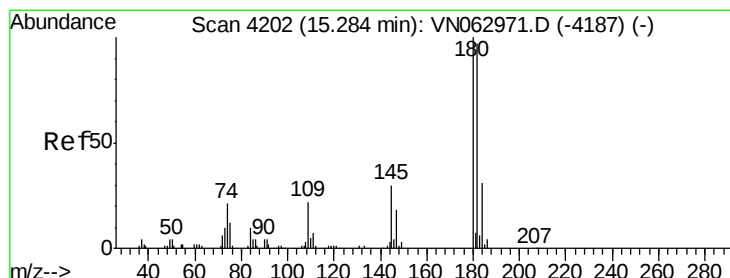
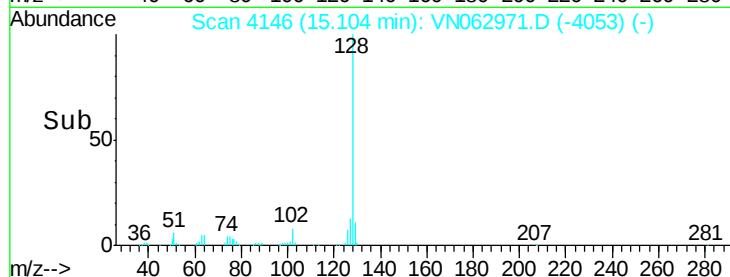
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 15.00 15.10 15.20



#96

1,2,3-Trichlorobenzene

Concen: 55.938 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062971.D

Acq: 17 Aug 2020 14:38

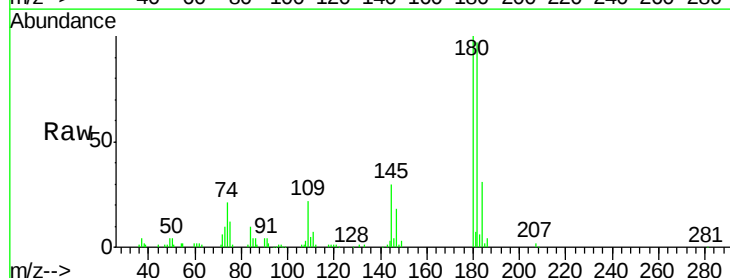
Tgt Ion:180 Resp: 132783

Ion Ratio Lower Upper

180 100

182 98.5 49.3 147.8

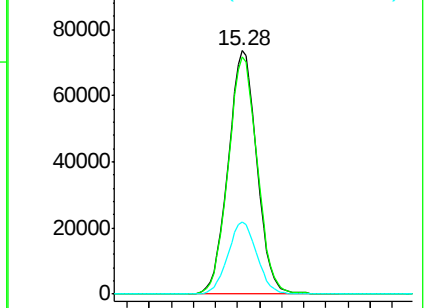
145 30.0 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time--> 15.20 15.30 15.40

