

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073120\
 Data File : VN062672.D
 Acq On : 31 Jul 2020 9:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 01 06:01:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	164262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	258184	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	243465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122546	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	131603	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
35) Dibromofluoromethane	7.54	113	86799	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	10.06	98	343934	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.38	95	133614	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	93978	47.964	ug/l	100
3) Chloromethane	2.03	50	102178	38.449	ug/l	98
4) Vinyl Chloride	2.16	62	95821	41.593	ug/l	99
5) Bromomethane	2.50	94	51984	50.946	ug/l	95
6) Chloroethane	2.65	64	54254	52.063	ug/l	98
7) Trichlorofluoromethane	2.97	101	151155	55.883	ug/l	100
8) Diethyl Ether	3.37	74	53030	41.925	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.71	101	81115	46.773	ug/l	98
10) Methyl Iodide	3.90	142	110371	49.781	ug/l	93
11) Tert butyl alcohol	4.73	59	85143	209.748	ug/l	100
12) 1,1-Dichloroethene	3.69	96	75521	42.938	ug/l	99
13) Acrolein	3.56	56	76348	182.702	ug/l	100
14) Allyl chloride	4.27	41	167064	43.912	ug/l	93
15) Acrylonitrile	4.92	53	250650	230.531	ug/l	99
16) Acetone	3.77	43	291060	303.113	ug/l	98
17) Carbon Disulfide	4.00	76	244611	42.328	ug/l	100
18) Methyl Acetate	4.27	43	119141	49.011	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	325859	50.337	ug/l	98
20) Methylene Chloride	4.49	84	103322	44.863	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	90549	46.386	ug/l	97
22) Diisopropyl ether	5.90	45	342658	45.311	ug/l	97
23) Vinyl Acetate	5.84	43	1422565	229.577	ug/l	98
24) 1,1-Dichloroethane	5.79	63	191764	47.090	ug/l	99
25) 2-Butanone	6.78	43	371787	254.229	ug/l	97
26) 2,2-Dichloropropane	6.77	77	178080	53.269	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	102181	45.872	ug/l	97
28) Bromochloromethane	7.15	49	93737	46.772	ug/l	93
29) Tetrahydrofuran	7.16	42	218257	220.562	ug/l	96
30) Chloroform	7.32	83	194128	50.137	ug/l	100
31) Cyclohexane	7.61	56	163214	43.409	ug/l	94
32) 1,1,1-Trichloroethane	7.52	97	172380	53.324	ug/l	98
36) 1,1-Dichloropropene	7.75	75	143034	51.975	ug/l	100
37) Ethyl Acetate	6.88	43	140142	47.242	ug/l	99
38) Carbon Tetrachloride	7.73	117	155623	58.831	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	156542	52.843	ug/l	98
40) Benzene	8.00	78	412495	49.510	ug/l	99
41) Methacrylonitrile	7.12	41	61828	48.631	ug/l	94
42) 1,2-Dichloroethane	8.08	62	165358	54.288	ug/l	98
43) Isopropyl Acetate	8.12	43	232202	48.556	ug/l	99
44) Trichloroethene	8.80	130	96905	51.577	ug/l	99
45) 1,2-Dichloropropane	9.08	63	114898	49.118	ug/l	99
46) Dibromomethane	9.17	93	71323	52.753	ug/l	98
47) Bromodichloromethane	9.37	83	157671	53.829	ug/l	100
48) Methyl methacrylate	9.17	41	115196	50.674	ug/l	97
49) 1,4-Dioxane	9.17	88	34170	978.663	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	718542	251.119	ug/l	99
52) Toluene	10.12	92	255116	52.734	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	179548	55.064	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	184308	52.677	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	99996	53.287	ug/l	96
56) Ethyl methacrylate	10.40	69	161559	48.020	ug/l	97
57) 1,3-Dichloropropane	10.68	76	179396	52.182	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	253062	249.260	ug/l	98
59) 2-Hexanone	10.72	43	557256	251.801	ug/l	99
60) Dibromochloromethane	10.87	129	119093	56.888	ug/l	99
61) 1,2-Dibromoethane	10.98	107	101171	51.775	ug/l	98
64) Tetrachloroethene	10.60	164	84714	53.553	ug/l	97
65) Chlorobenzene	11.40	112	264481	51.818	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	103420	53.861	ug/l	97
67) Ethyl Benzene	11.48	91	501376	53.575	ug/l	99
68) m/p-Xylenes	11.59	106	370724	110.214	ug/l	99
69) o-Xylene	11.92	106	177596	55.601	ug/l	99
70) Styrene	11.94	104	308923	57.254	ug/l	98
71) Bromoform	12.10	173	81940	56.836	ug/l #	100
73) Isopropylbenzene	12.22	105	488419	50.405	ug/l	100
74) N-amyl acetate	12.04	43	206693	47.764	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	149641	44.441	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	206750	66.282	ug/l #	100
77) Bromobenzene	12.50	156	113588	48.779	ug/l	97
78) n-propylbenzene	12.56	91	584220	51.472	ug/l	100
79) 2-Chlorotoluene	12.65	91	349484	49.962	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	439566	54.688	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	54858	48.958	ug/l	94
82) 4-Chlorotoluene	12.75	91	370345	50.865	ug/l	100
83) tert-Butylbenzene	12.97	119	350283	52.483	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	433828	55.020	ug/l	97
85) sec-Butylbenzene	13.15	105	488733	54.697	ug/l	100
86) p-Isopropyltoluene	13.26	119	449390	58.475	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	211856	51.844	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	207789	51.654	ug/l	99
89) n-Butylbenzene	13.59	91	379473	57.467	ug/l	99
90) Hexachloroethane	13.85	117	83681	51.150	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	198248	50.736	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31947	52.256	ug/l	97

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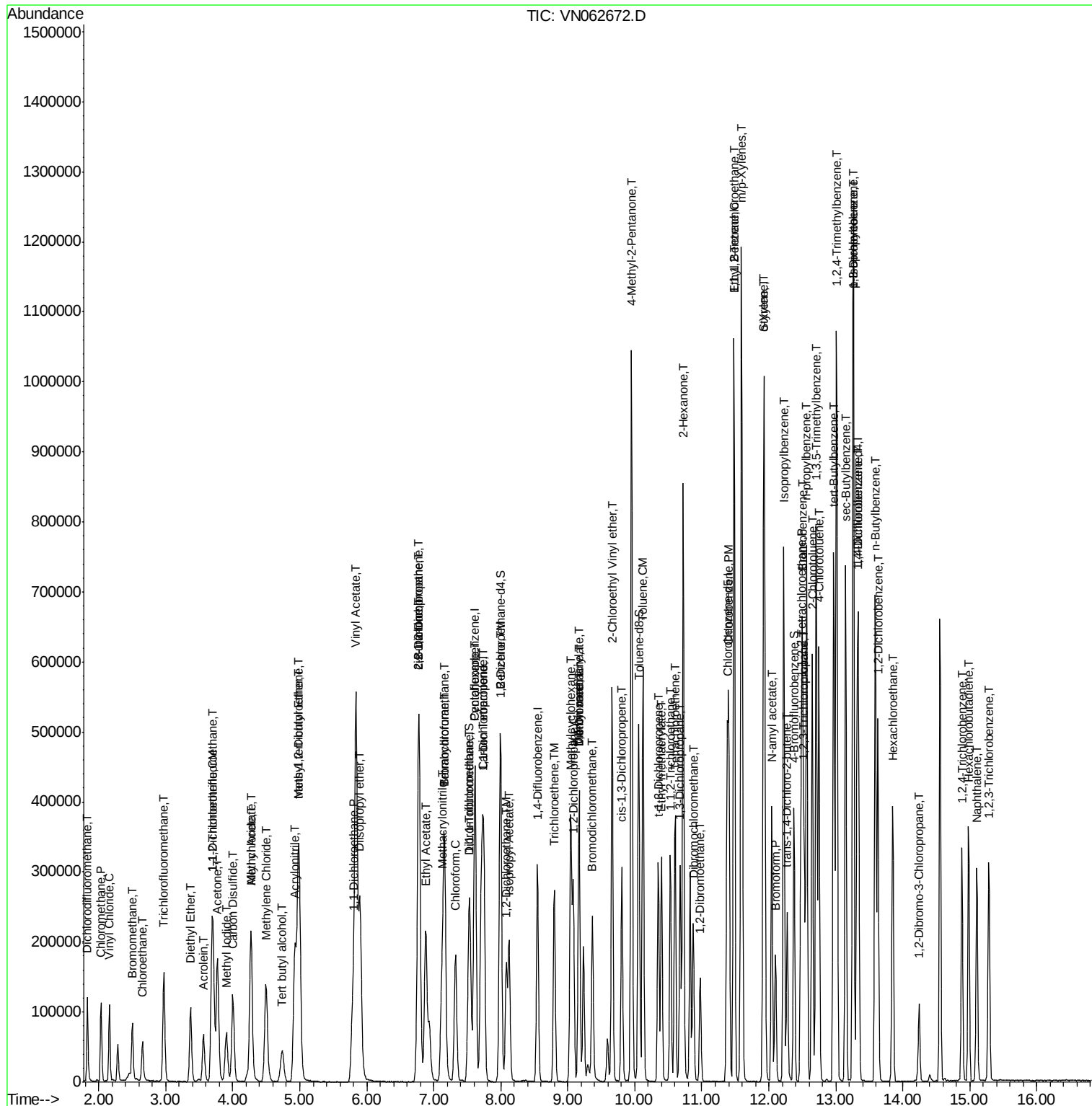
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	99195	48.389	ug/l	99
94) Hexachlorobutadiene	14.98	225	68010	64.464	ug/l	97
95) Naphthalene	15.10	128	243486	45.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	99179	53.860	ug/l	99

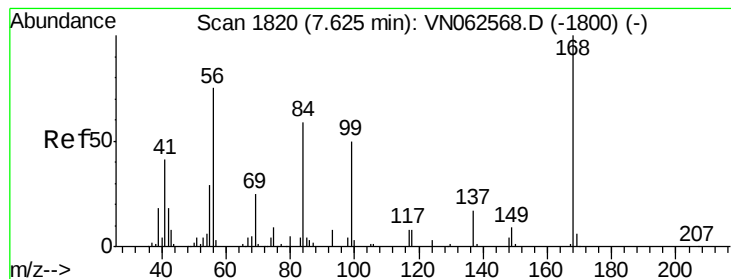
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

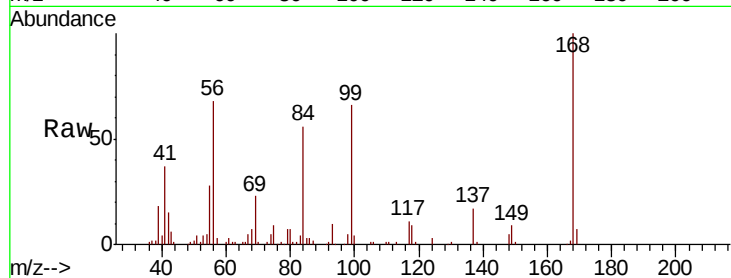
VSTDCCC050

Tot Ion:168 Resp: 164262

Ion Ratio Lower Upper

168 100

99 65.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

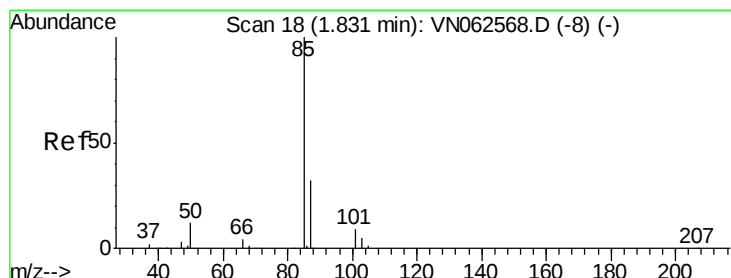
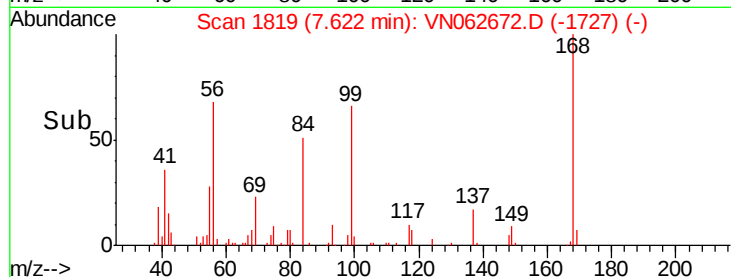
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 47.964 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062672.D

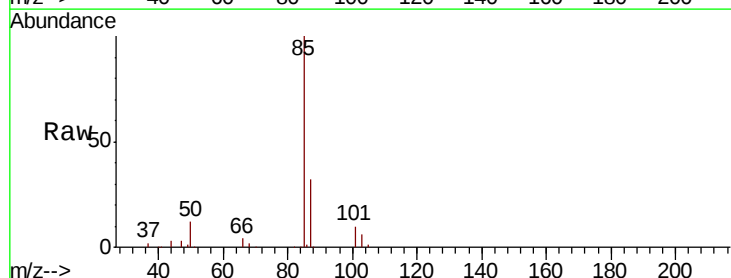
Acq: 31 Jul 2020 9:14

Tgt Ion: 85 Resp: 93978

Ion Ratio Lower Upper

85 100

87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

80000

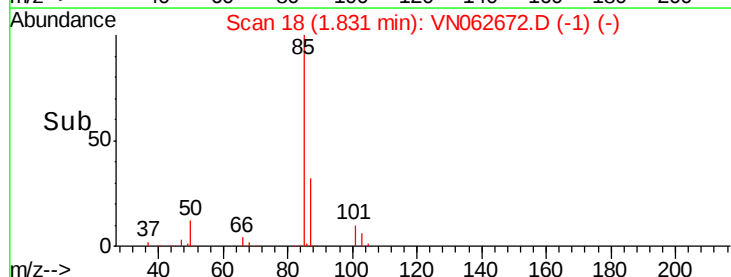
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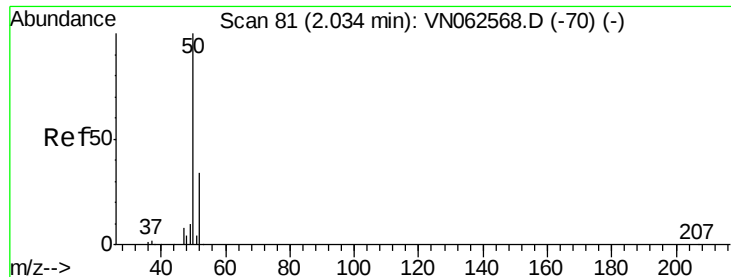
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 38.449 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

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ClientSampleId :

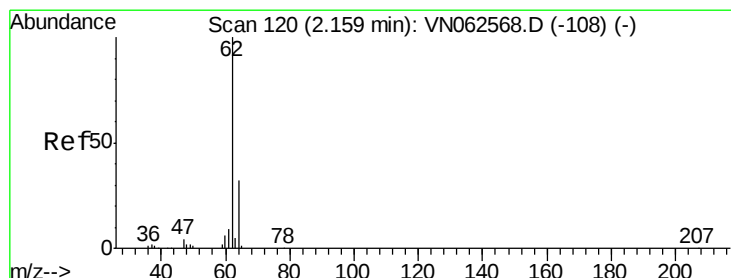
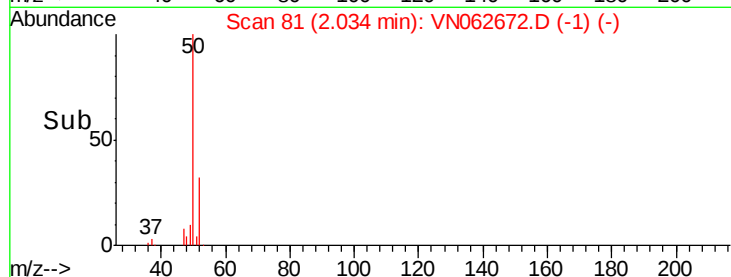
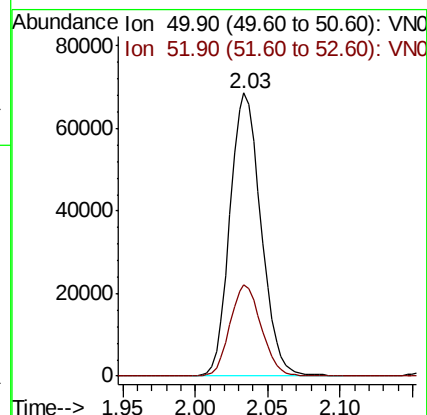
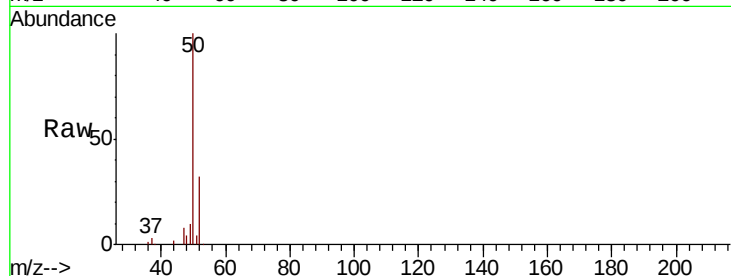
VSTDCCC050

Tot Ion: 50 Resp: 102178

Ion Ratio Lower Upper

50 100

52 32.3 27.0 40.4



#4

Vinyl Chloride

Concen: 41.593 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062672.D

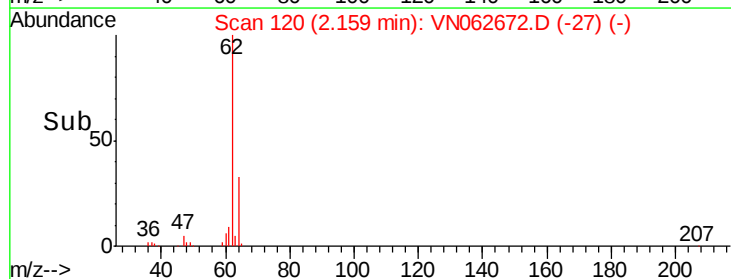
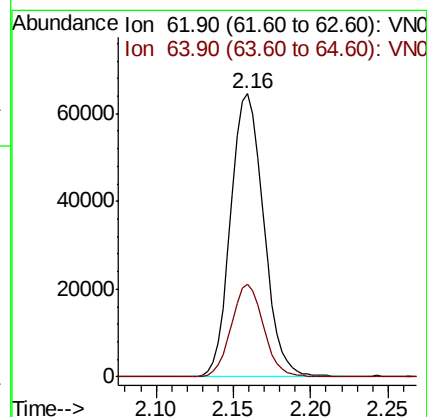
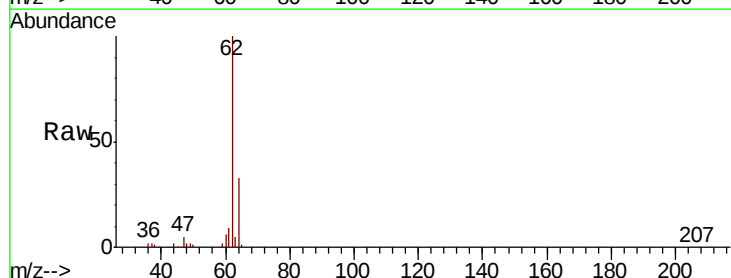
Acq: 31 Jul 2020 9:14

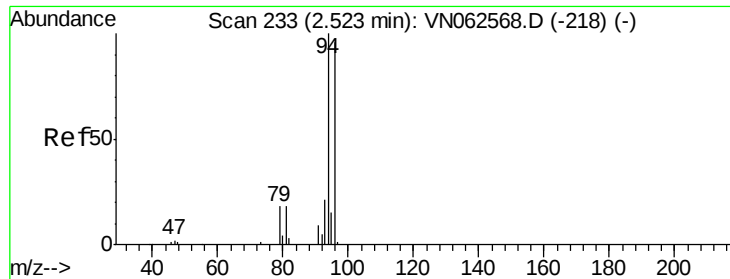
Tgt Ion: 62 Resp: 95821

Ion Ratio Lower Upper

62 100

64 32.8 25.8 38.8





#5

Bromomethane

Concen: 50.946 ug/l

RT: 2.50 min Scan# 226

Delta R.T. -0.02 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

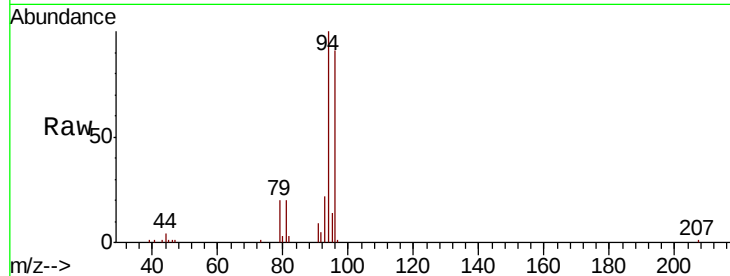
VSTDCCC050

Tot Ion: 94 Resp: 51984

Ion Ratio Lower Upper

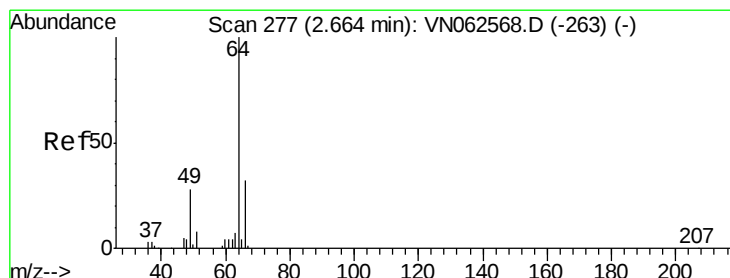
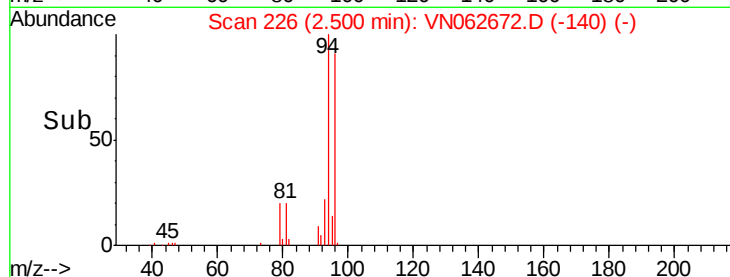
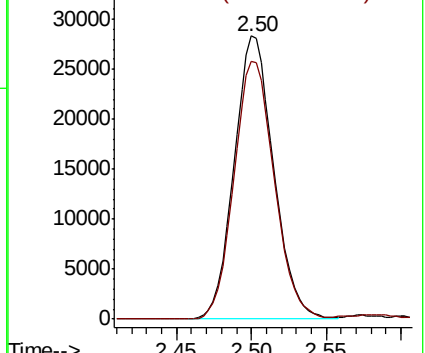
94 100

96 90.9 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 52.063 ug/l

RT: 2.65 min Scan# 274

Delta R.T. -0.01 min

Lab File: VN062672.D

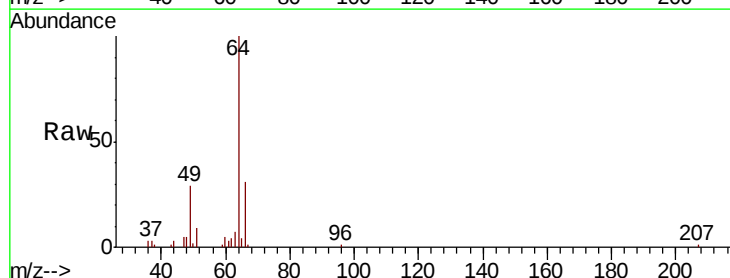
Acq: 31 Jul 2020 9:14

Tgt Ion: 64 Resp: 54254

Ion Ratio Lower Upper

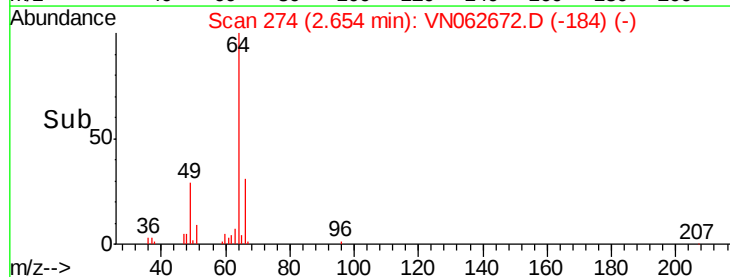
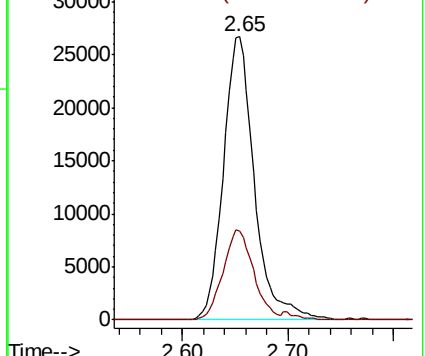
64 100

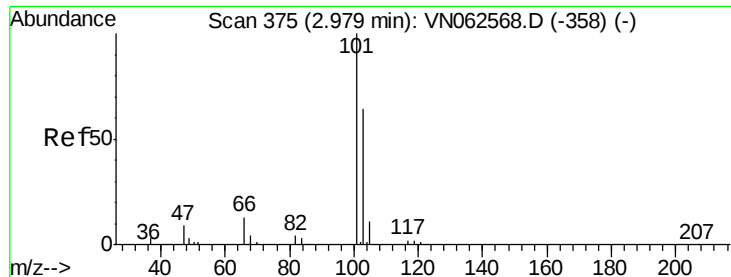
66 31.3 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



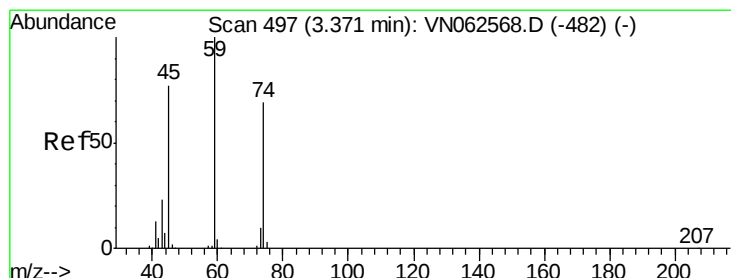
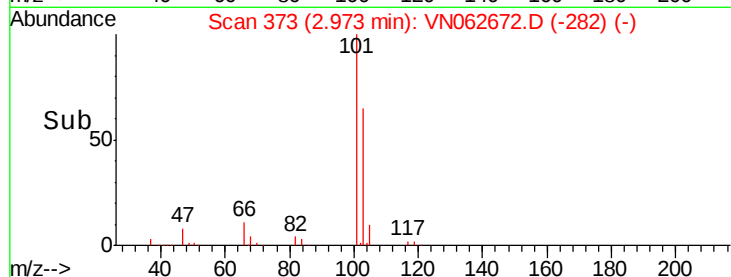
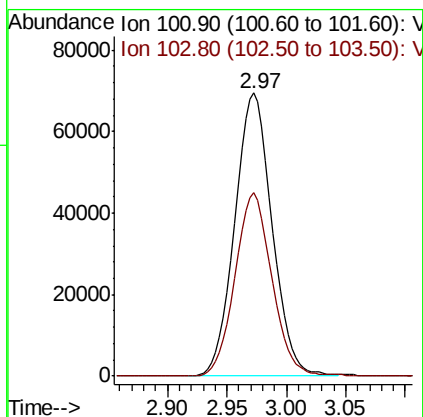
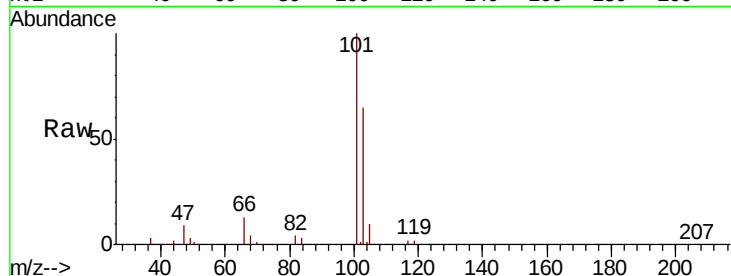


#7

Trichlorofluoromethane
 Concen: 55.883 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

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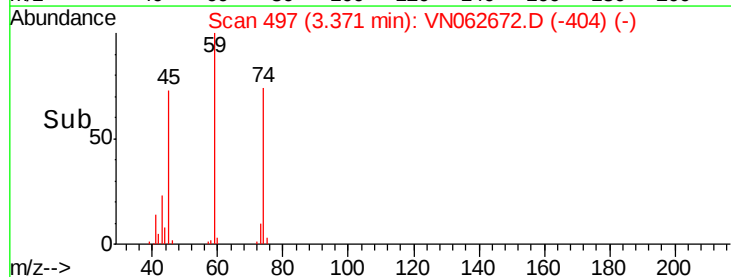
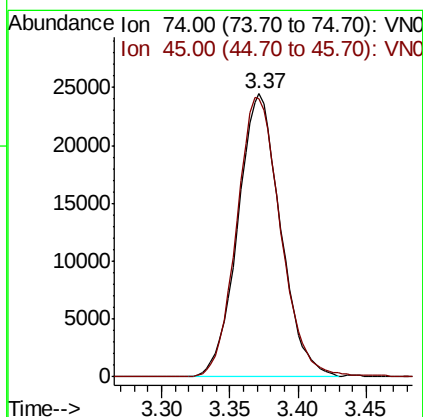
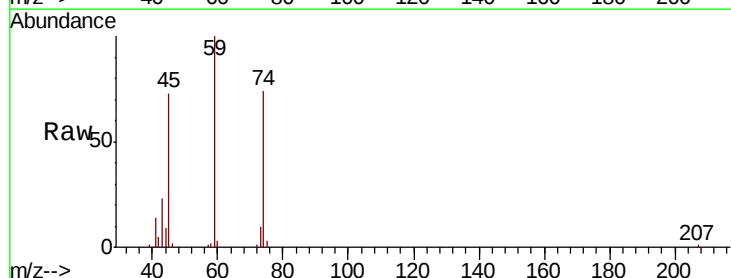
Tot Ion:101 Resp: 151155
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.5 77.3

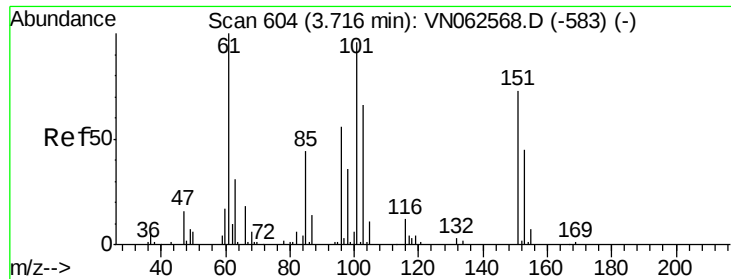


#8

Diethyl Ether
 Concen: 41.925 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Tgt Ion: 74 Resp: 53030
 Ion Ratio Lower Upper
 74 100
 45 102.0 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.773 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.01 min

Lab File: VN062672.D

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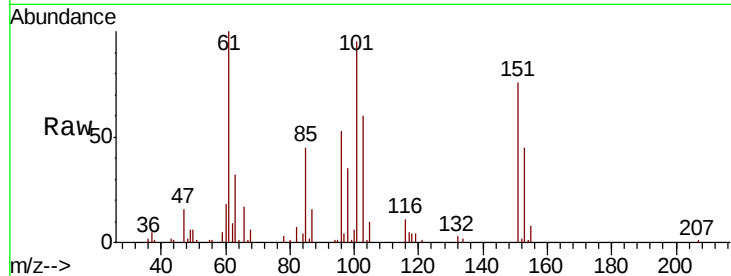
Tot Ion:101 Resp: 81115

Ion Ratio Lower Upper

101 100

85 46.4 36.0 54.0

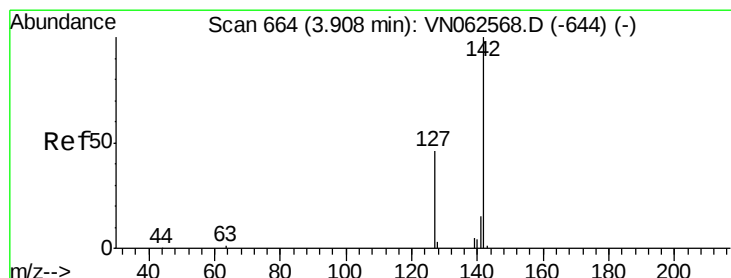
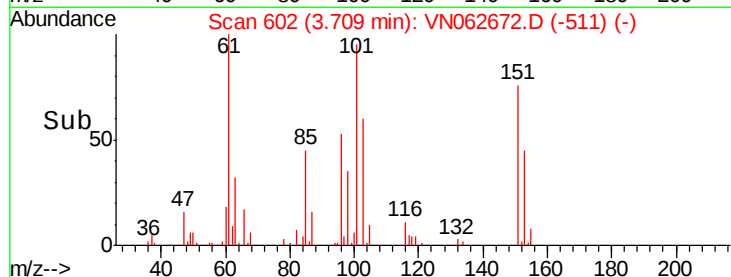
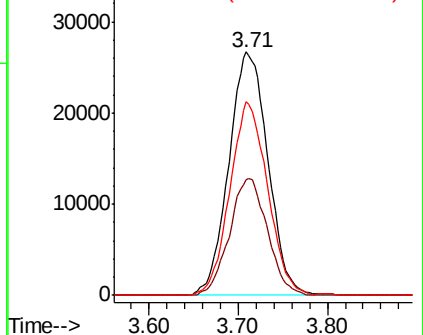
151 76.7 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.781 ug/l

RT: 3.90 min Scan# 662

Delta R.T. -0.01 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

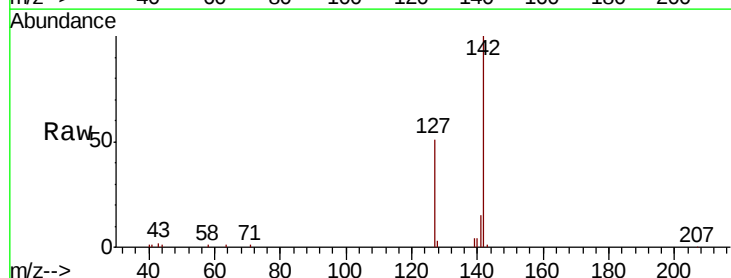
Tgt Ion:142 Resp: 110371

Ion Ratio Lower Upper

142 100

127 52.4 37.4 56.0

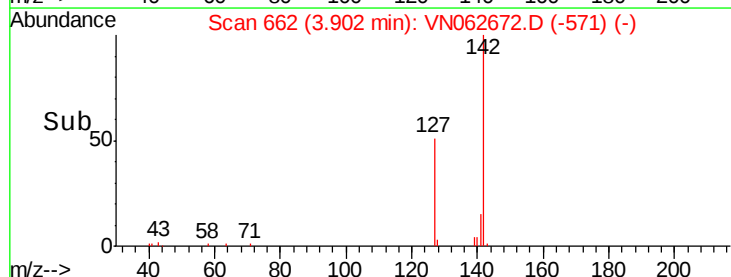
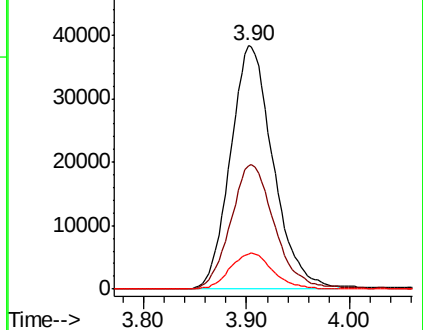
141 14.8 11.9 17.9

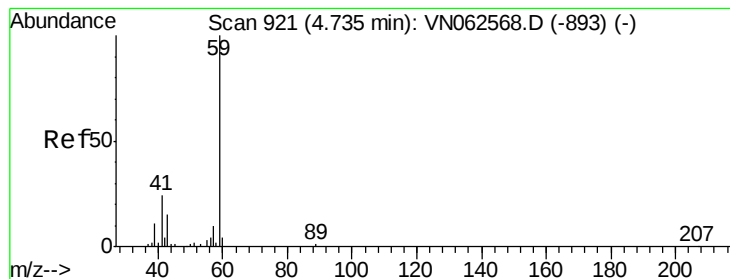


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



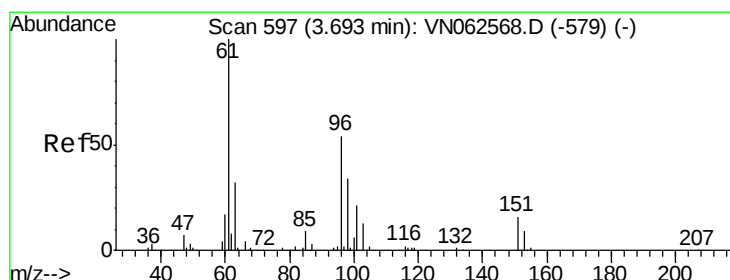
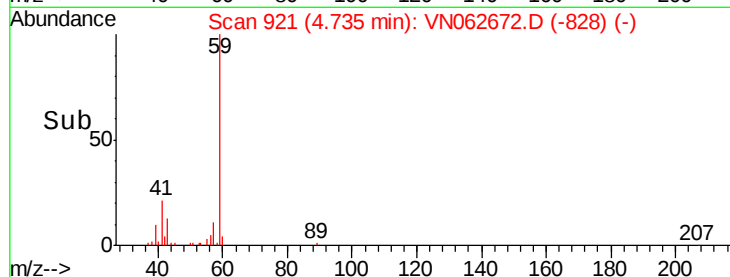
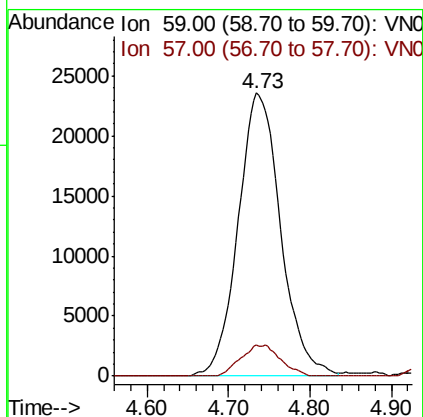
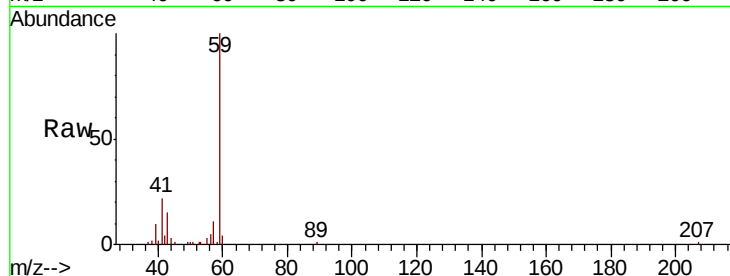


#11

Tert butyl alcohol
 Concen: 209.748 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

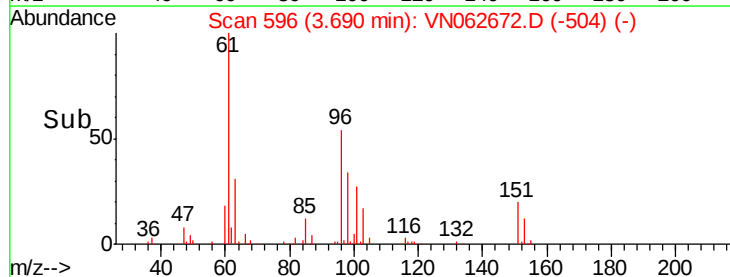
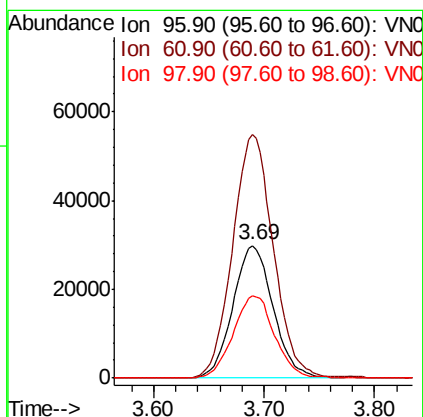
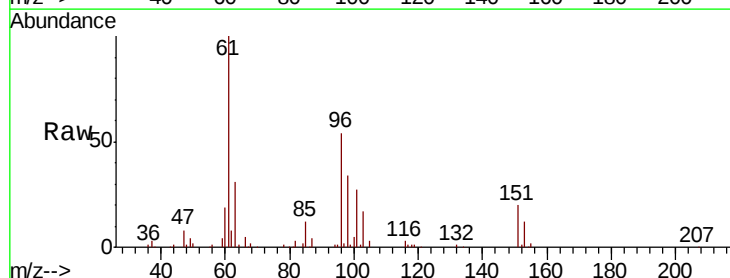
Tot Ion: 59 Resp: 85143
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

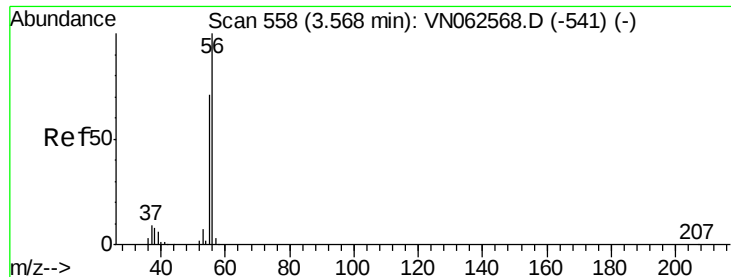


#12

1,1-Dichloroethene
 Concen: 42.938 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Tgt Ion: 96 Resp: 75521
 Ion Ratio Lower Upper
 96 100
 61 183.8 148.6 222.8
 98 61.9 50.6 75.8





#13

Acrolein

Concen: 182.702 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

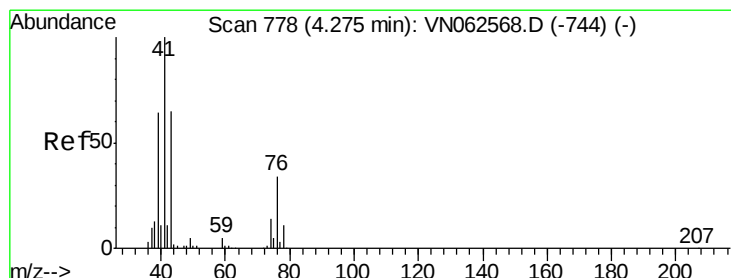
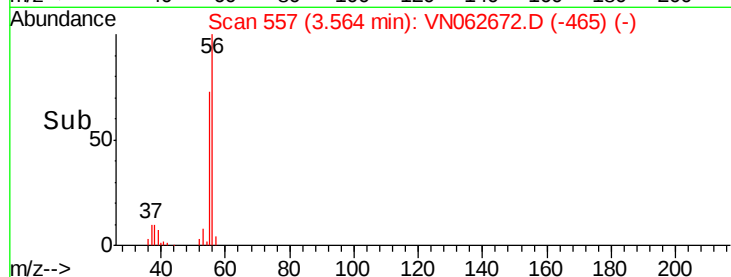
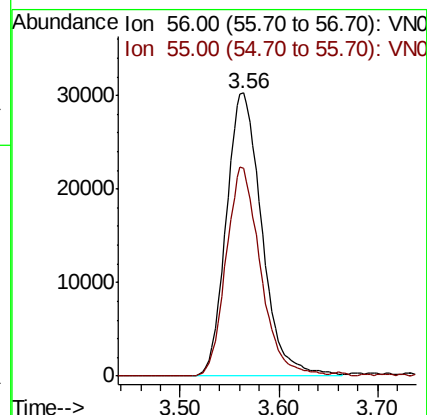
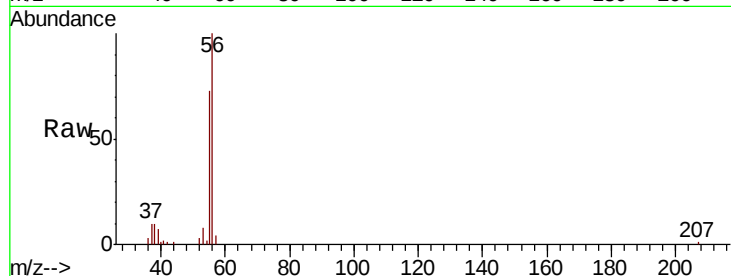
VSTDCCC050

Tot Ion: 56 Resp: 76348

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 43.912 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

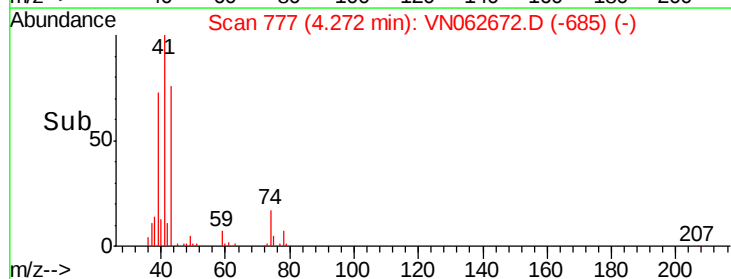
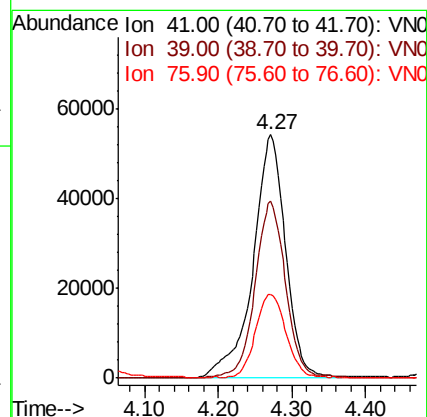
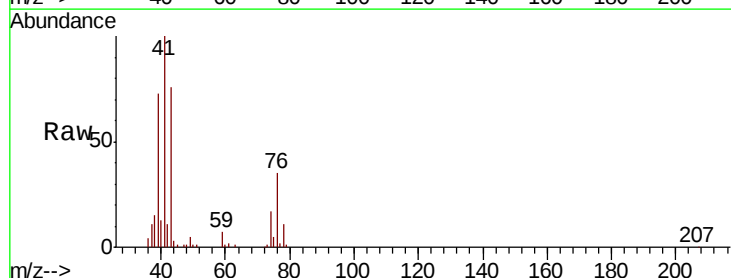
Tgt Ion: 41 Resp: 167064

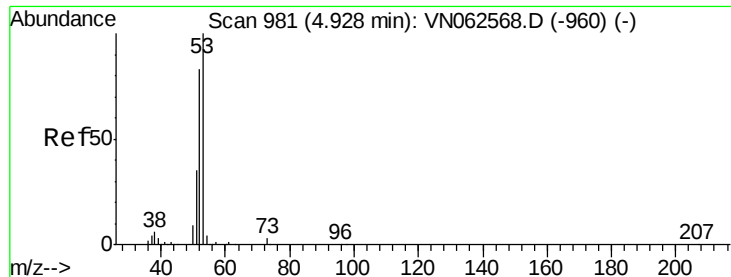
Ion Ratio Lower Upper

41 100

39 68.2 49.0 73.4

76 31.7 24.0 36.0





#15

Acrylonitrile

Concen: 230.531 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

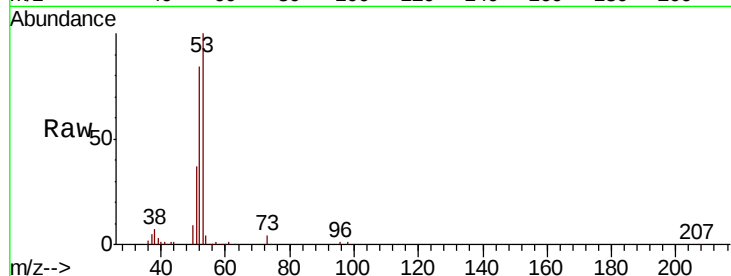
Tot Ion: 53 Resp: 250650

Ion Ratio Lower Upper

53 100

52 83.1 66.3 99.5

51 36.8 28.6 43.0

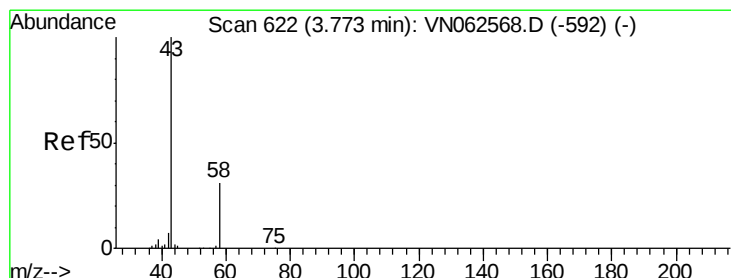
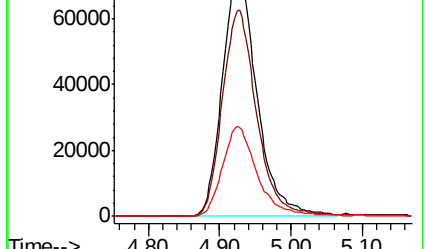
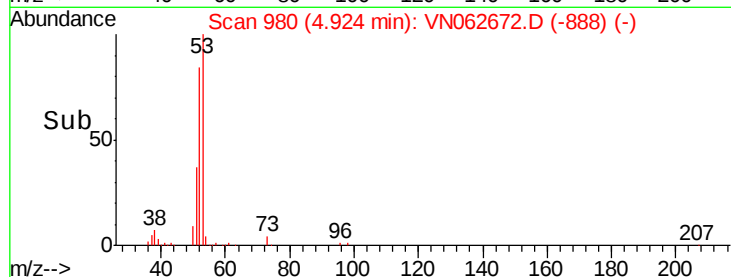


Abundance Ion 53.00 (52.70 to 53.70): VN062568.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN062568.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN062568.D (-960) (-)

Time-->



#16

Acetone

Concen: 303.113 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN062672.D

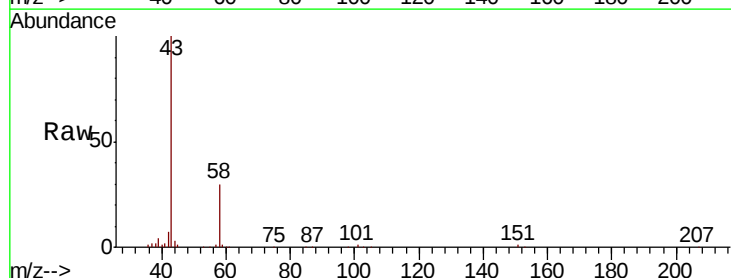
Acq: 31 Jul 2020 9:14

Tgt Ion: 43 Resp: 291060

Ion Ratio Lower Upper

43 100

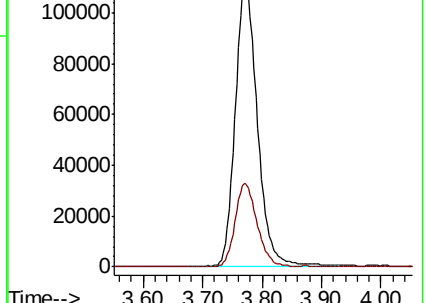
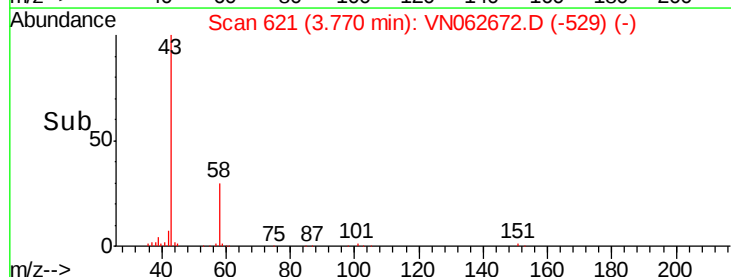
58 29.5 24.6 37.0

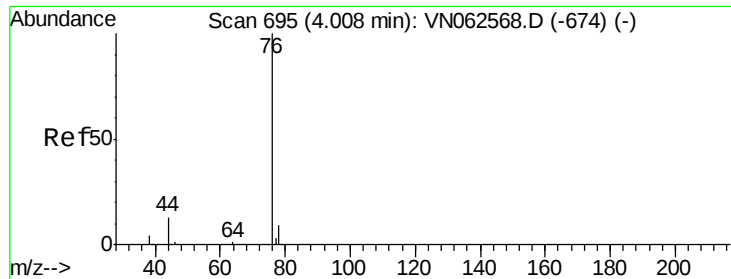


Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-592) (-)

Time-->

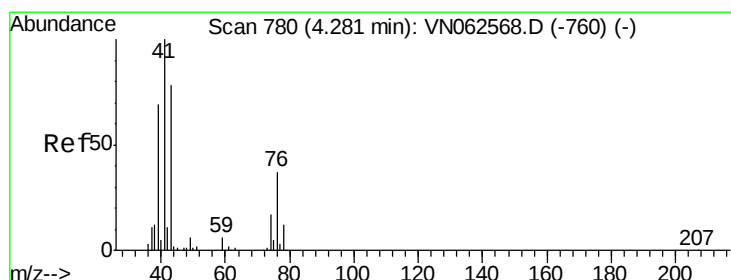
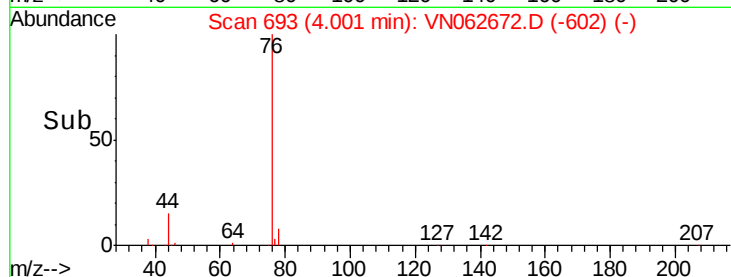
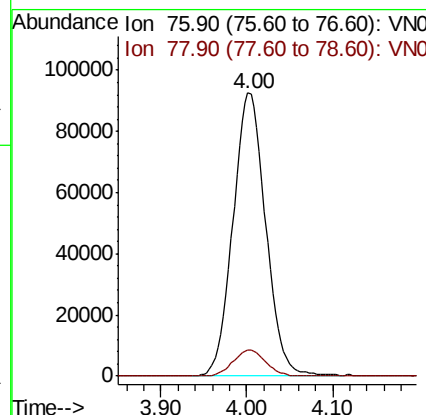
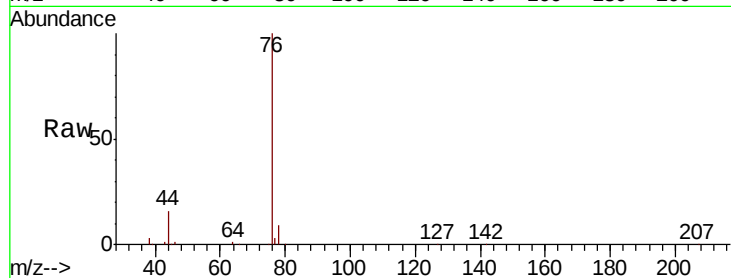




#17
Carbon Disulfide
Concen: 42.328 ug/l
RT: 4.00 min Scan# 693
Delta R.T. -0.01 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

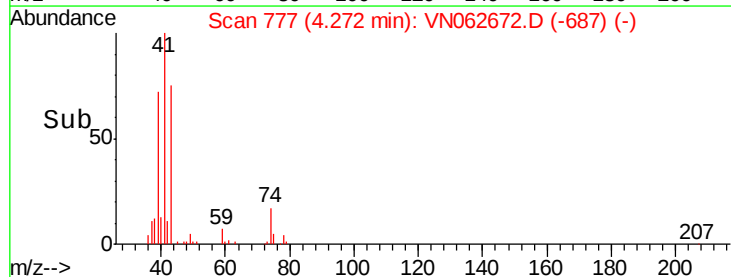
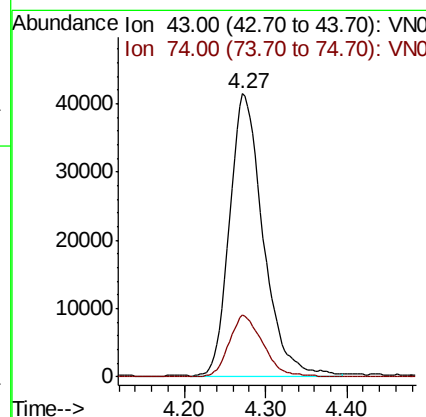
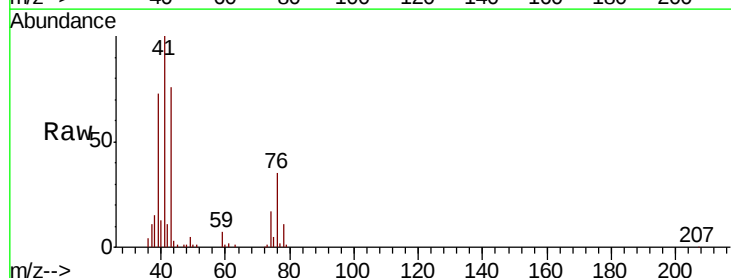
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

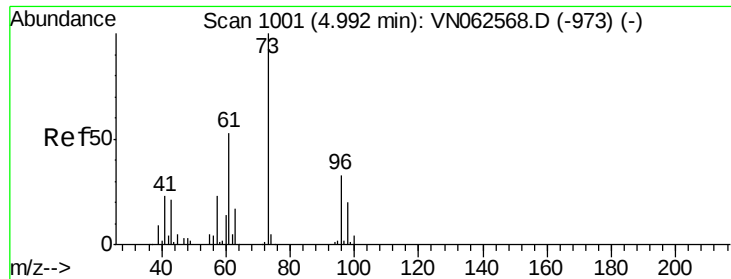
Tot Ion: 76 Resp: 244611
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 49.011 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.01 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Tgt Ion: 43 Resp: 119141
Ion Ratio Lower Upper
43 100
74 22.0 16.6 24.8

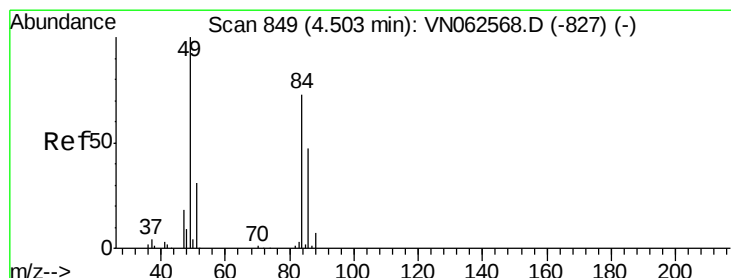
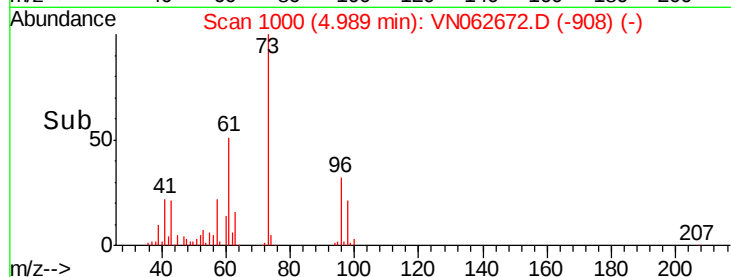
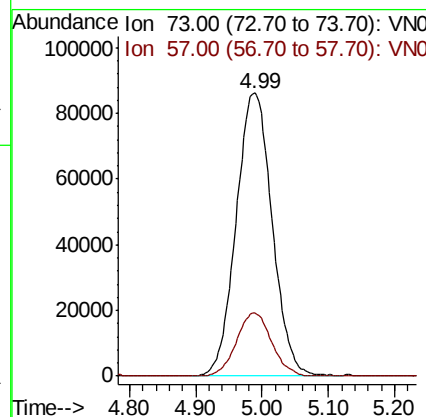
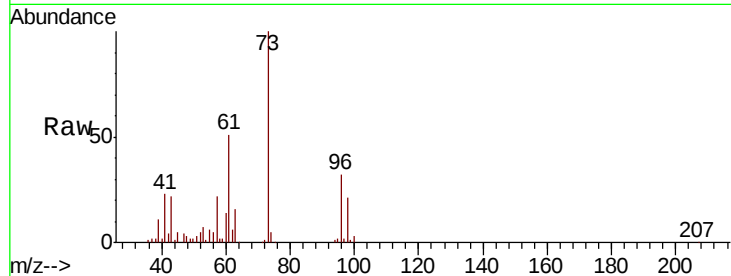




#19
Methyl tert-butyl Ether
Concen: 50.337 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

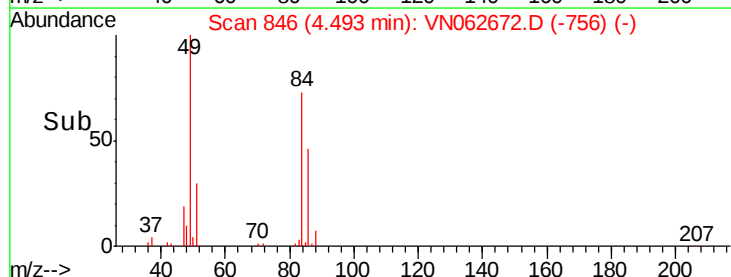
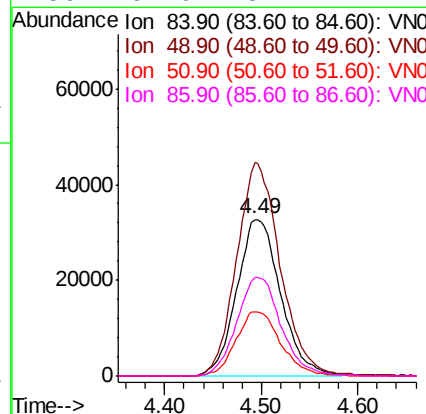
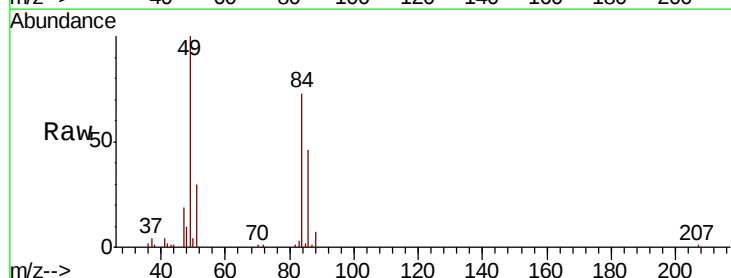
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

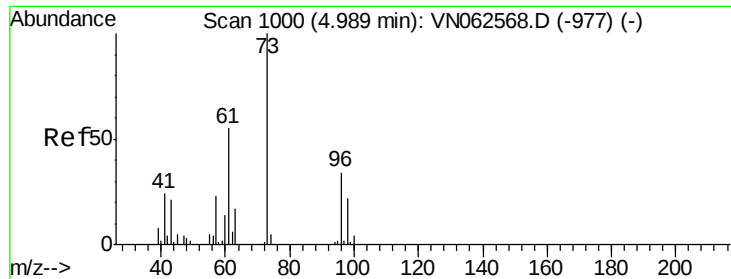
Tot Ion: 73 Resp: 325859
Ion Ratio Lower Upper
73 100
57 22.3 18.6 27.8



#20
Methylene Chloride
Concen: 44.863 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.01 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Tgt Ion: 84 Resp: 103322
Ion Ratio Lower Upper
84 100
49 136.2 109.4 164.0
51 41.1 33.6 50.4
86 62.9 51.4 77.2

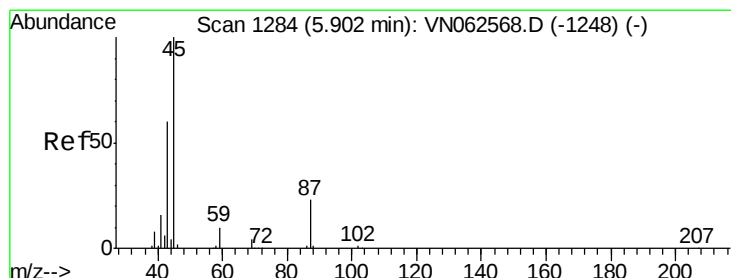
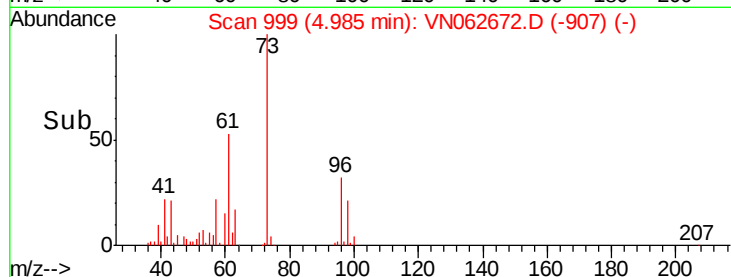
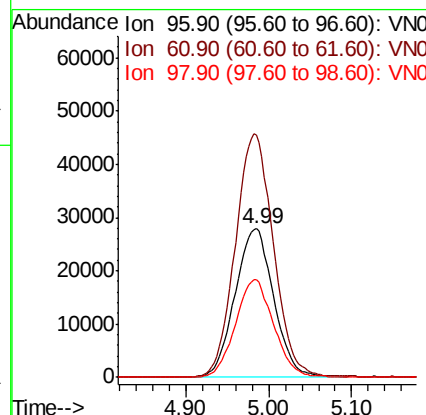
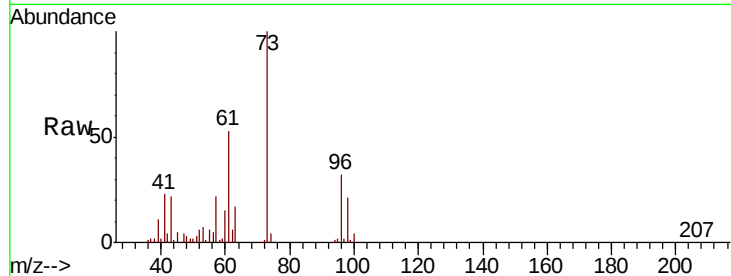




#21
trans-1,2-Dichloroethene
Concen: 46.386 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

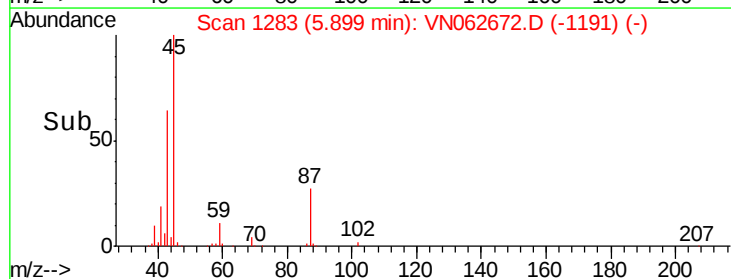
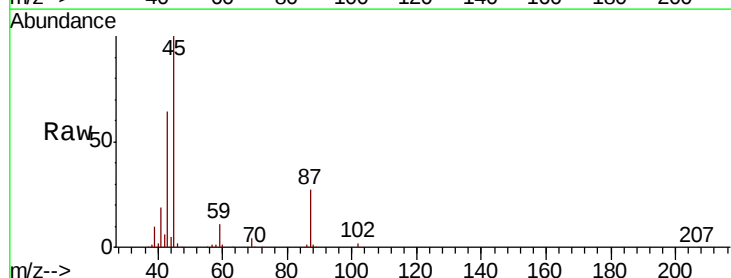
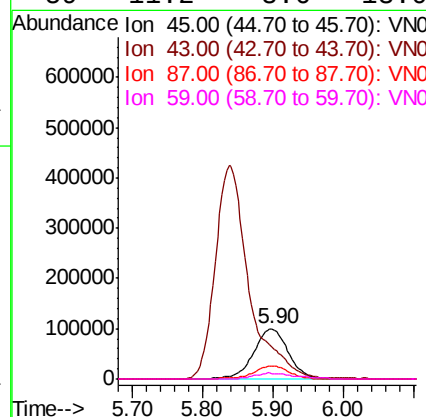
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

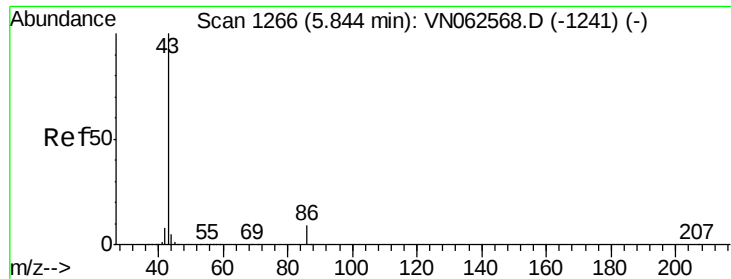
Tot Ion: 96 Resp: 90549
Ion Ratio Lower Upper
96 100
61 163.5 128.6 192.8
98 66.1 50.6 76.0



#22
Diisopropyl ether
Concen: 45.311 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Tgt Ion: 45 Resp: 342658
Ion Ratio Lower Upper
45 100
43 62.0 48.7 73.1
87 26.7 19.0 28.6
59 11.2 8.6 13.0

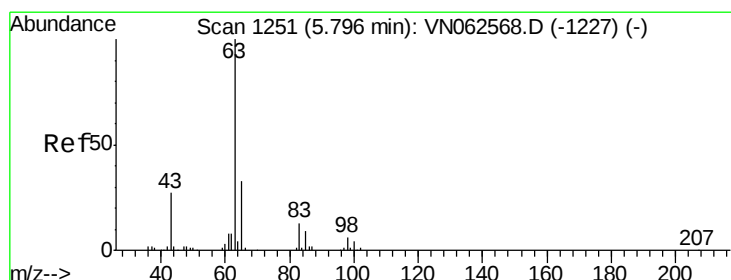
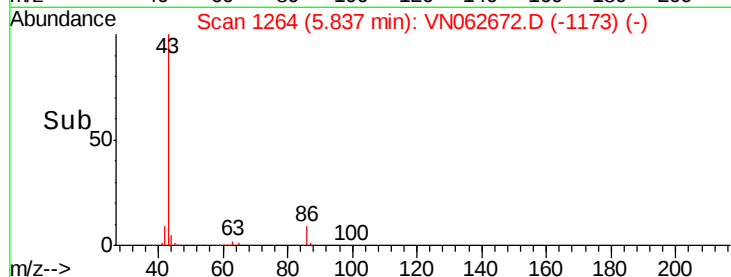
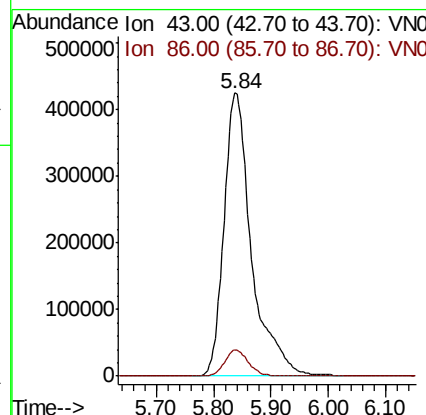
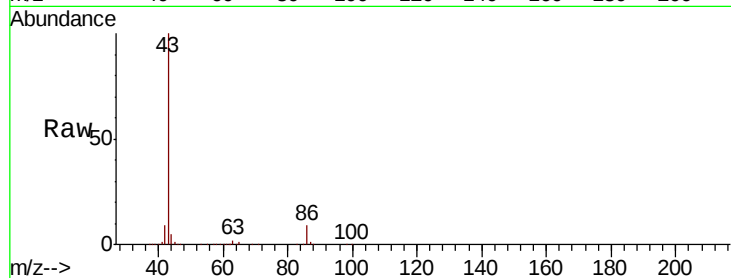




#23
 Vinyl Acetate
 Concen: 229.577 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

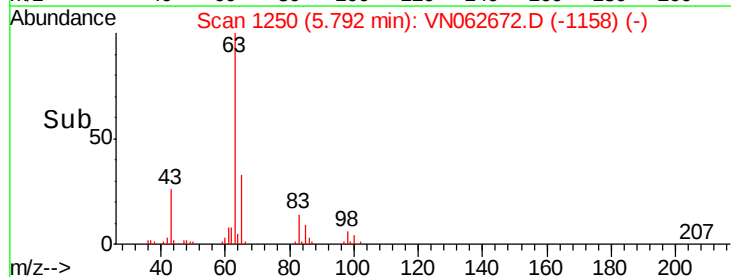
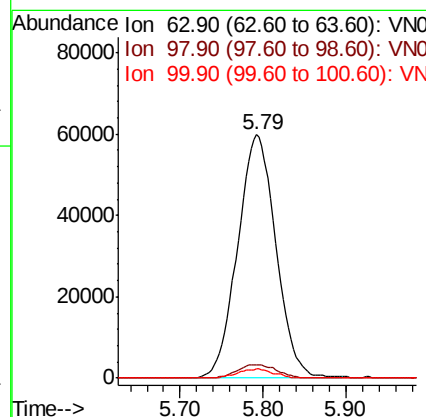
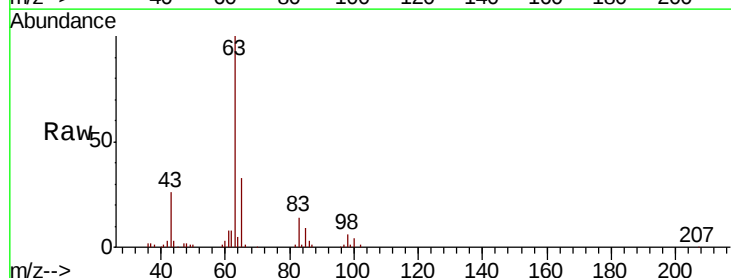
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

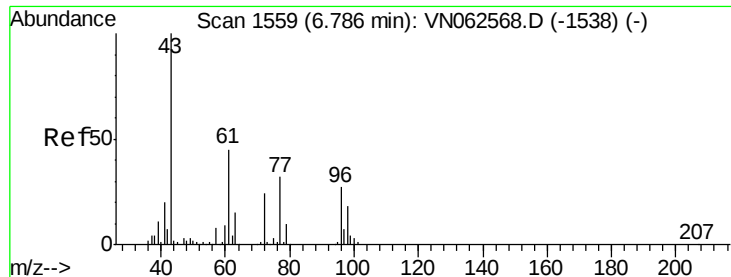
Tot Ion: 43 Resp: 1422565
 Ion Ratio Lower Upper
 43 100
 86 9.3 6.9 10.3



#24
 1,1-Dichloroethane
 Concen: 47.090 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Tgt Ion: 63 Resp: 191764
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.9 8.8
 100 3.7 1.8 5.4





#25

2-Butanone

Concen: 254.229 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

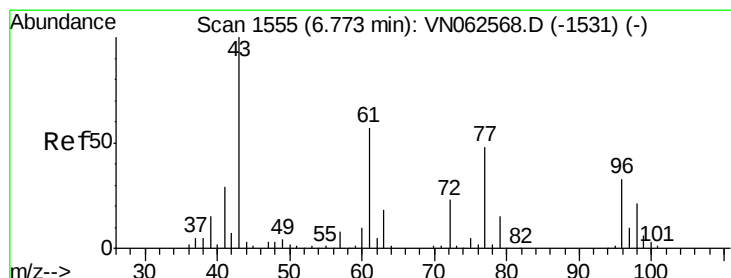
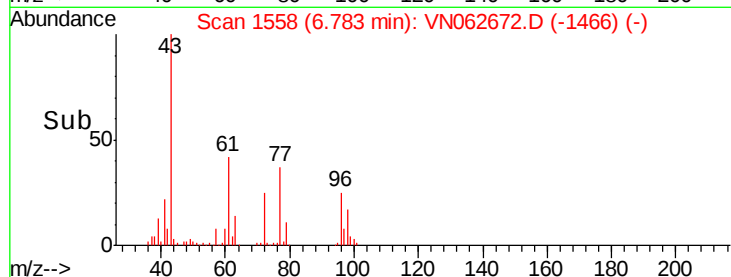
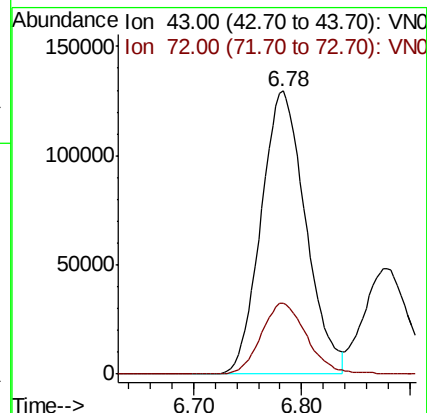
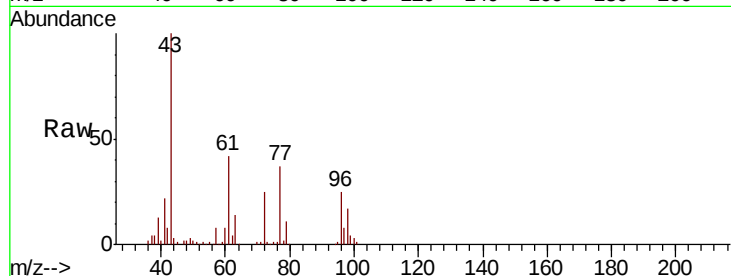
VSTDCCC050

Tot Ion: 43 Resp: 371787

Ion Ratio Lower Upper

43 100

72 25.1 19.0 28.6



#26

2,2-Dichloropropane

Concen: 53.269 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062672.D

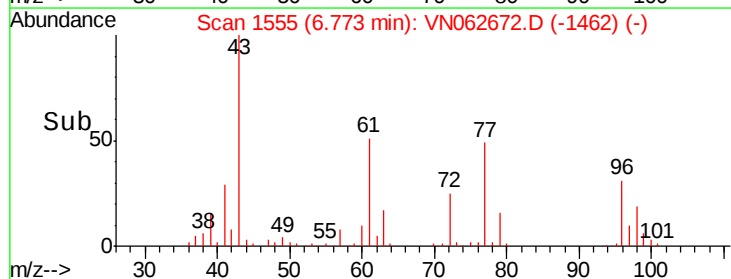
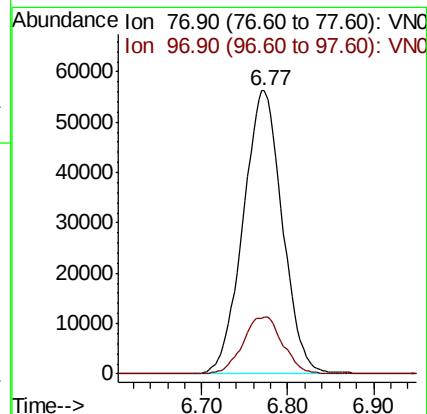
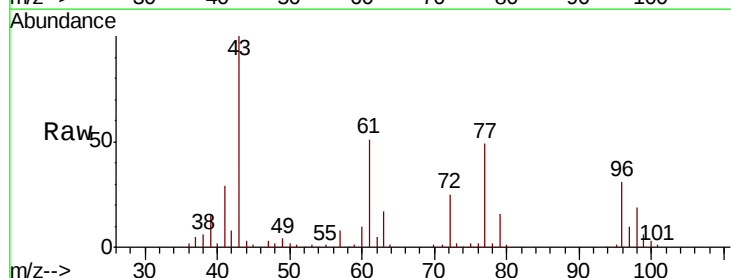
Acq: 31 Jul 2020 9:14

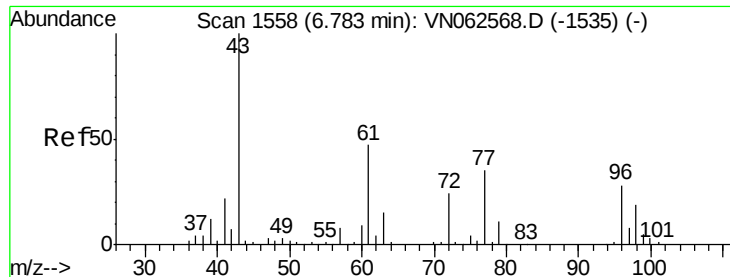
Tgt Ion: 77 Resp: 178080

Ion Ratio Lower Upper

77 100

97 20.5 10.8 32.4

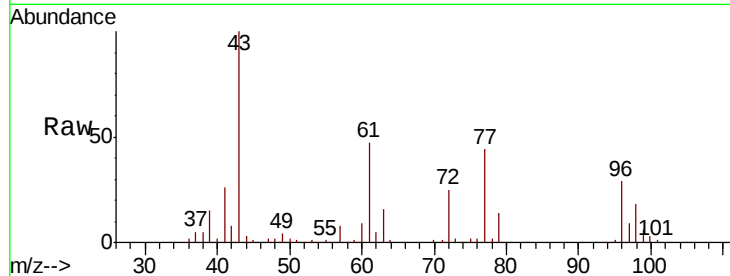




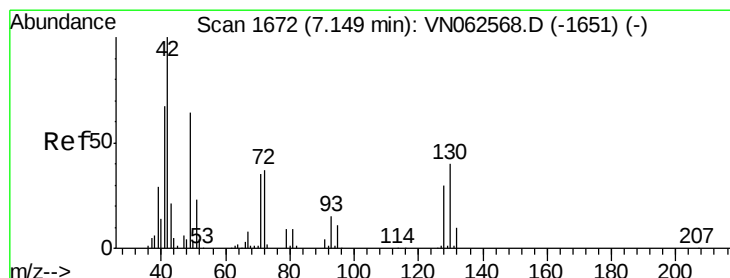
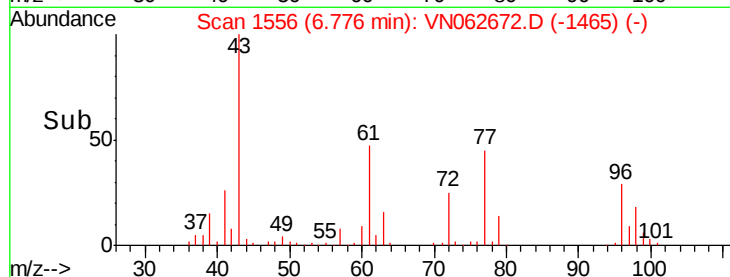
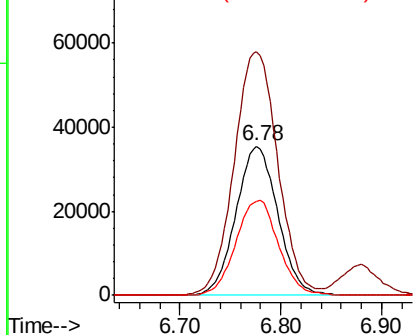
#27
 cis-1,2-Dichloroethene
 Concen: 45.872 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 102181
 Ion Ratio Lower Upper
 96 100
 61 170.3 0.0 332.4
 98 65.3 0.0 127.4

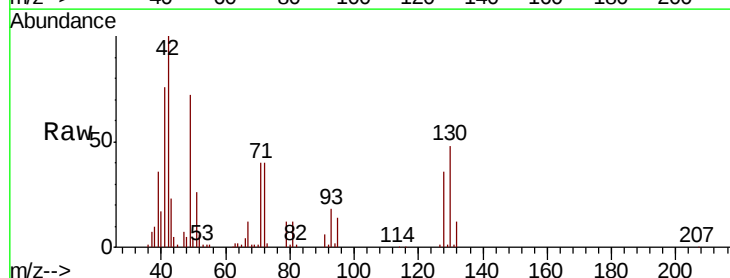


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

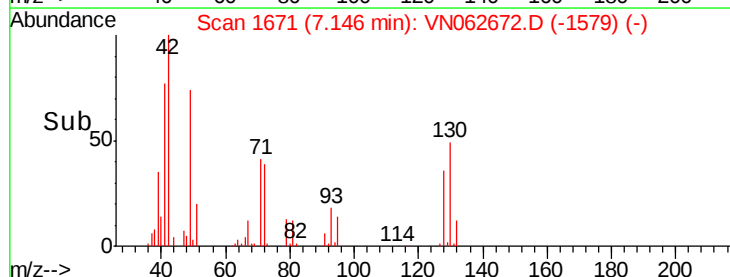
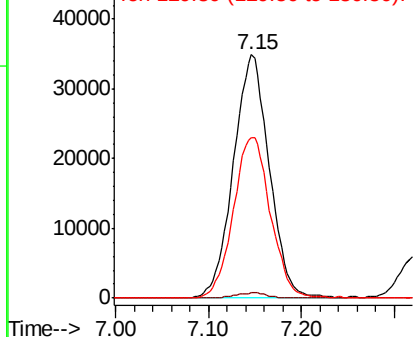


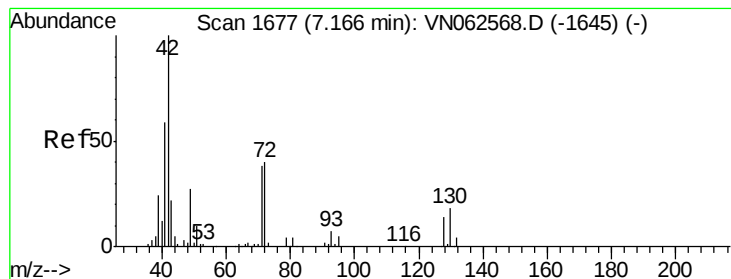
#28
 Bromochloromethane
 Concen: 46.772 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Tgt Ion: 49 Resp: 93737
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 67.7 49.8 74.8



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





#29

Tetrahydrofuran

Concen: 220.562 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

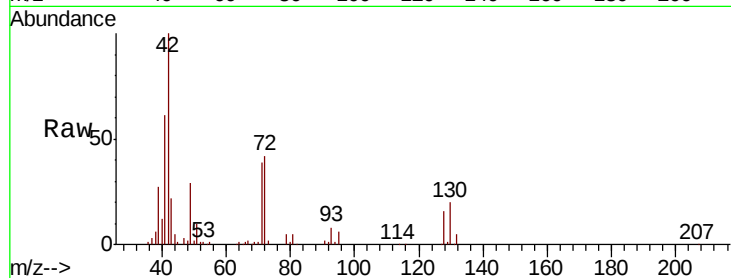
Tot Ion: 42 Resp: 218257

Ion Ratio Lower Upper

42 100

72 40.4 30.7 46.1

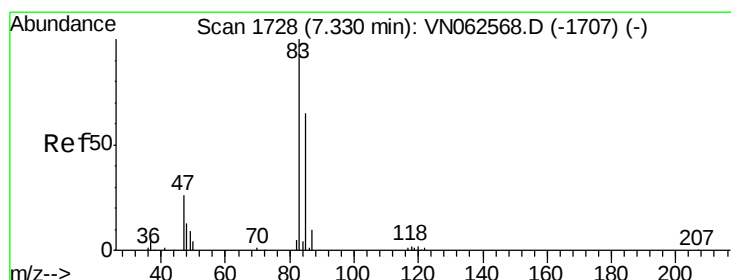
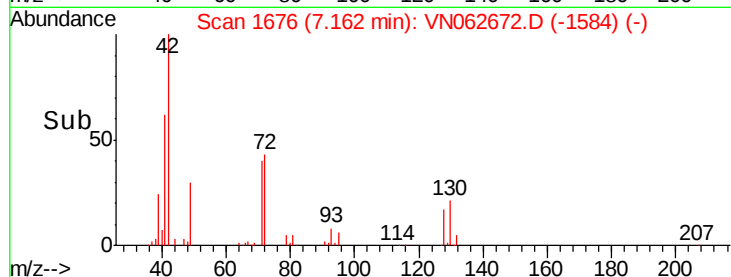
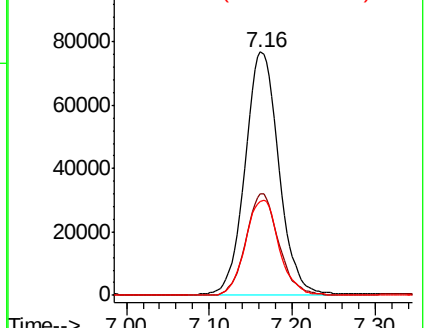
71 38.7 29.1 43.7



Abundance Ion 42.00 (41.70 to 42.70): VN062568.D (-1645) (-)

Ion 72.00 (71.70 to 72.70): VN062568.D (-1645) (-)

Ion 71.00 (70.70 to 71.70): VN062568.D (-1645) (-)



#30

Chloroform

Concen: 50.137 ug/l

RT: 7.32 min Scan# 1726

Delta R.T. -0.01 min

Lab File: VN062672.D

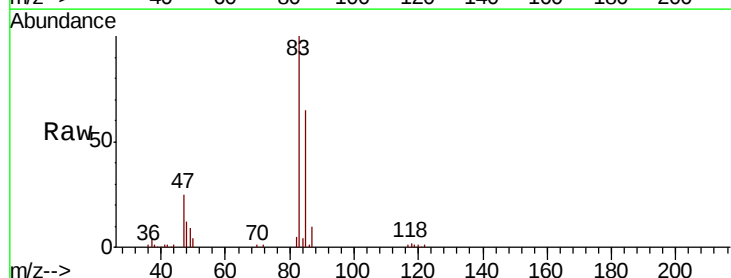
Acq: 31 Jul 2020 9:14

Tgt Ion: 83 Resp: 194128

Ion Ratio Lower Upper

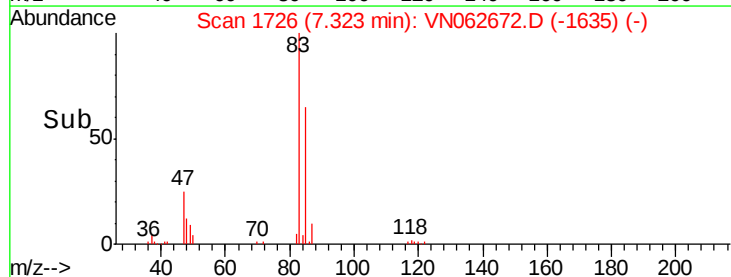
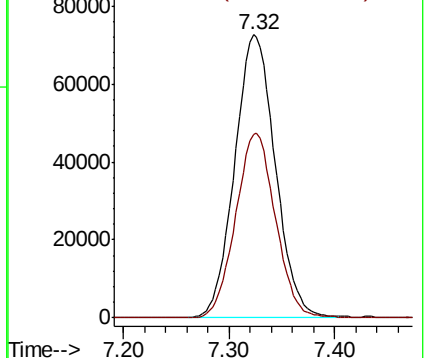
83 100

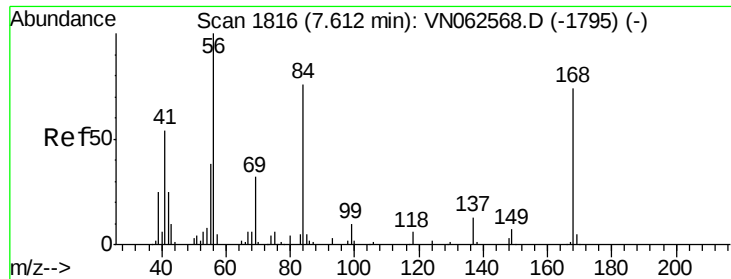
85 64.9 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-1707) (-)

Ion 84.90 (84.60 to 85.60): VN062568.D (-1707) (-)

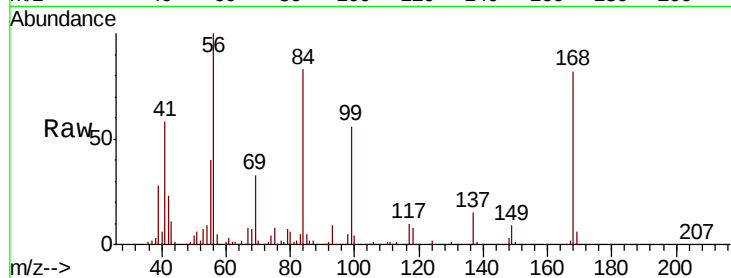




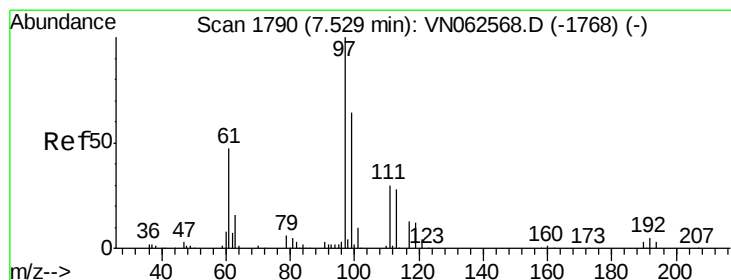
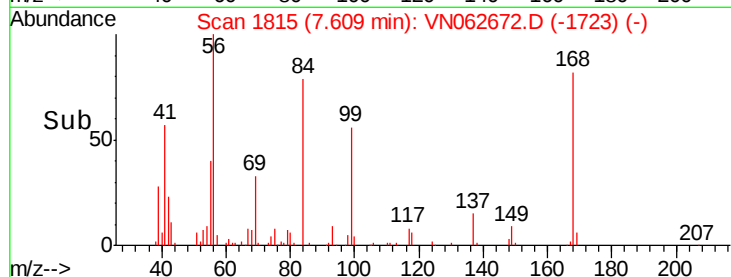
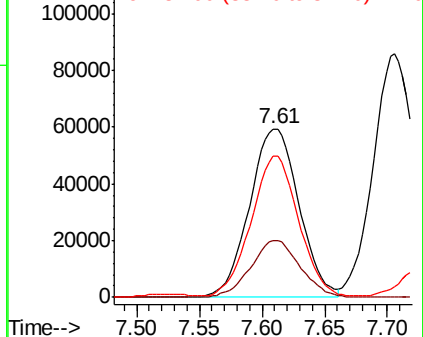
#31
Cyclohexane
Concen: 43.409 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 163214
Ion Ratio Lower Upper
56 100
69 33.4 25.3 37.9
84 82.1 61.0 91.4

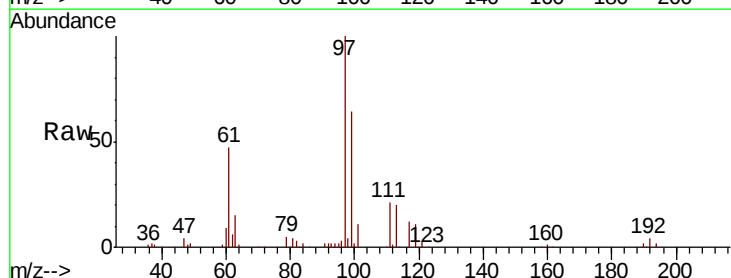


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

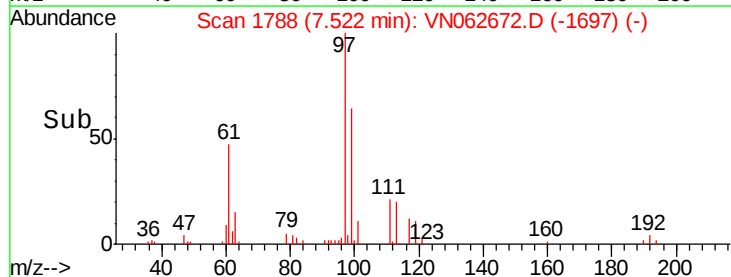
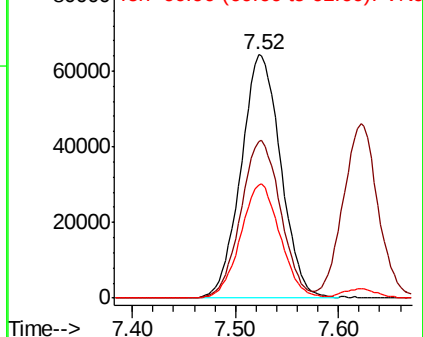


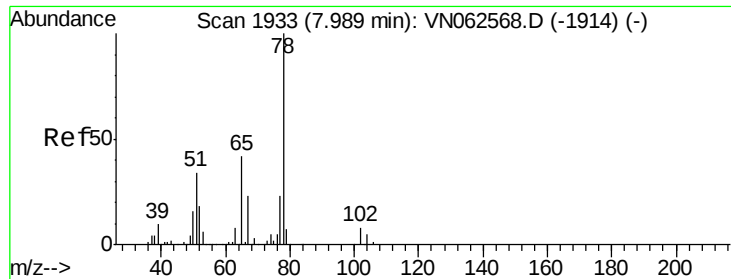
#32
1,1,1-Trichloroethane
Concen: 53.324 ug/l
RT: 7.52 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Tgt Ion: 97 Resp: 172380
Ion Ratio Lower Upper
97 100
99 65.1 51.2 76.8
61 46.6 38.4 57.6



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





#33

1,2-Dichloroethane-d4

Concen: 51.574 ug/l

RT: 7.98 min Scan# 1931

Delta R.T. -0.01 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

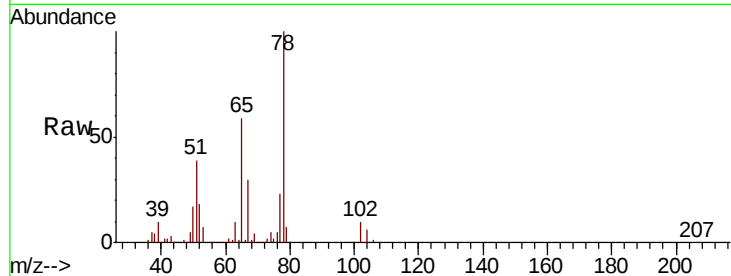
VSTDCCC050

Tot Ion: 65 Resp: 131603

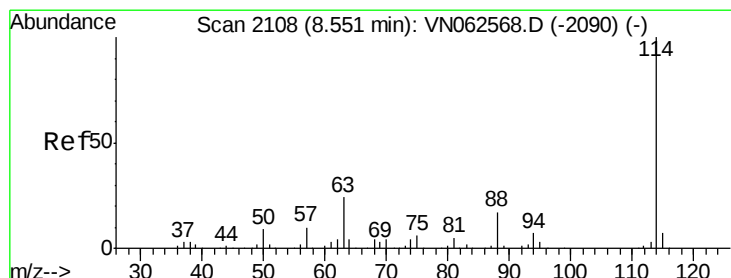
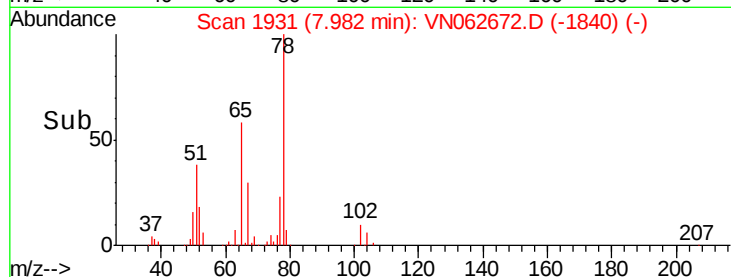
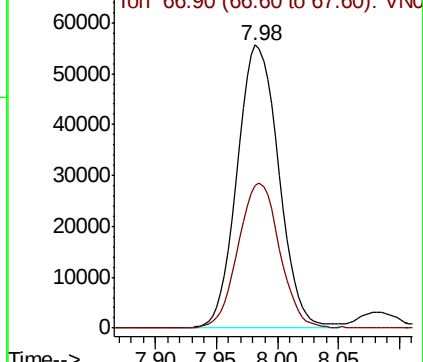
Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN062568.D (-1914) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

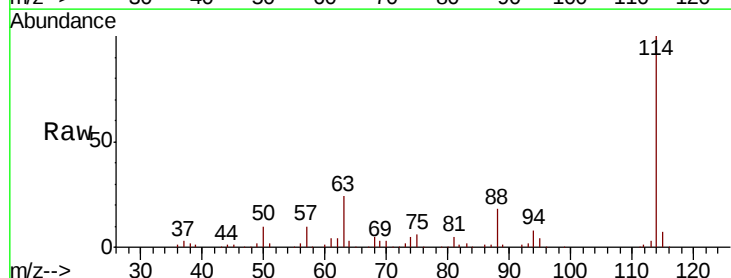
Tgt Ion: 114 Resp: 258184

Ion Ratio Lower Upper

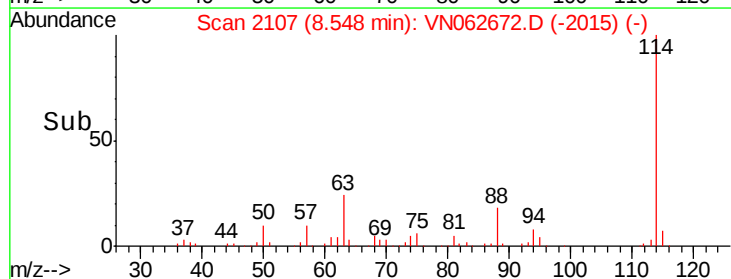
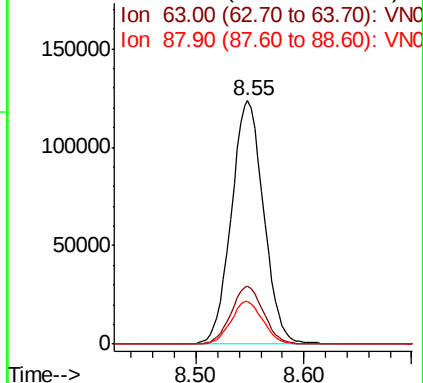
114 100

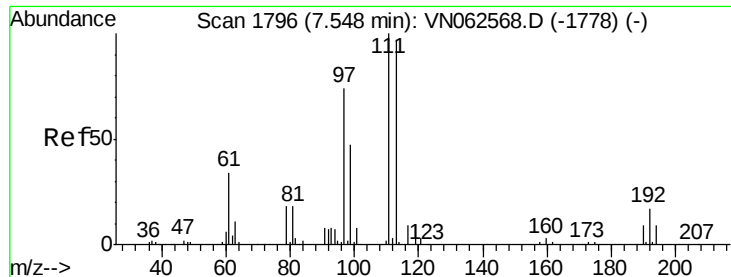
63 23.7 0.0 48.4

88 17.7 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VN062568.D (-2090) (-)

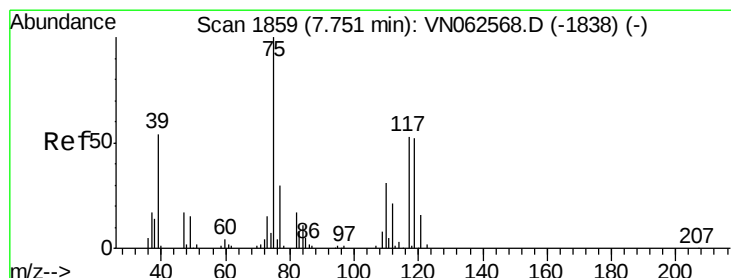
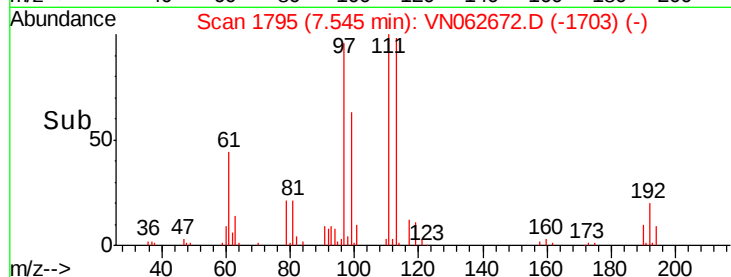
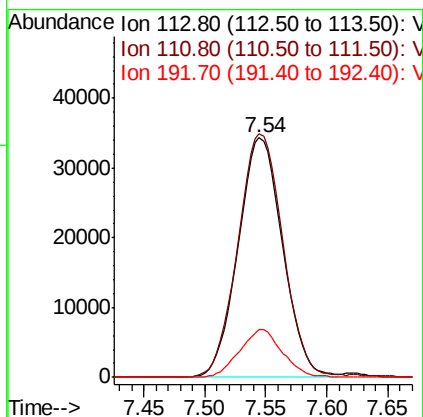
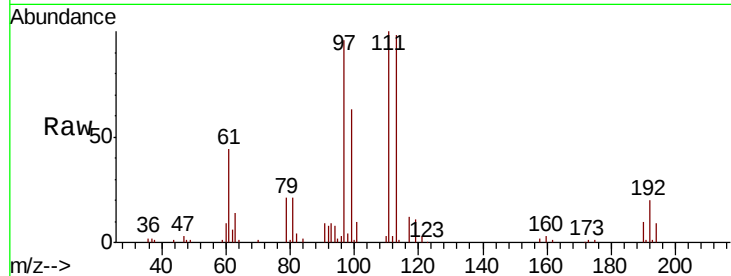




#35
Dibromofluoromethane
Concen: 51.182 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

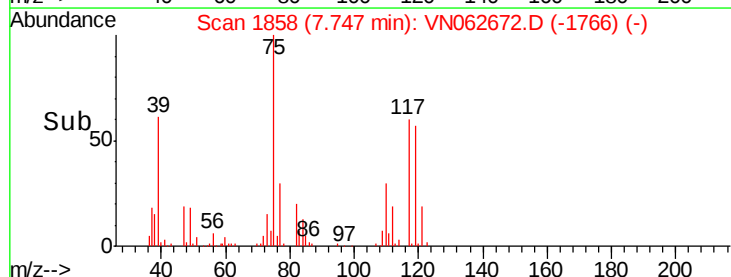
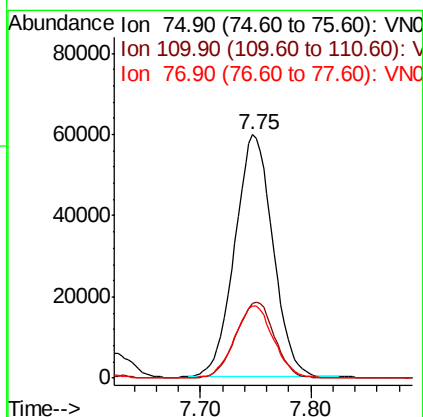
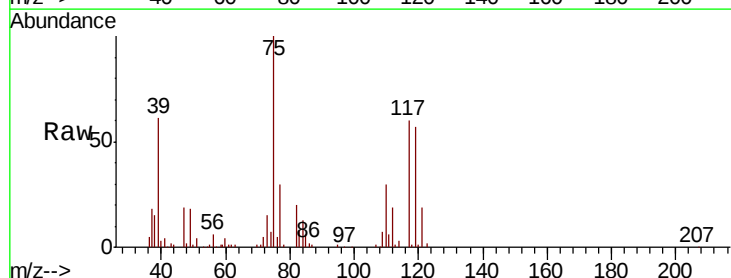
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

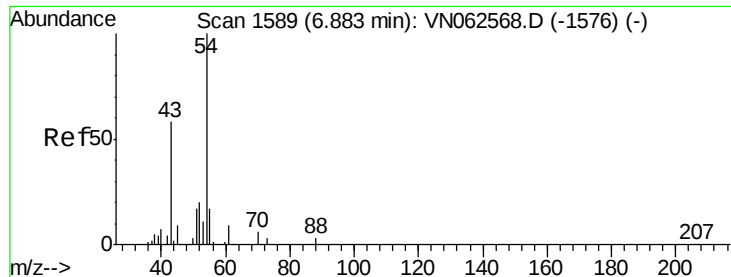
Tot Ion:113 Resp: 86799
Ion Ratio Lower Upper
113 100
111 103.0 82.7 124.1
192 19.0 14.8 22.2



#36
1,1-Dichloropropene
Concen: 51.975 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Tgt Ion: 75 Resp: 143034
Ion Ratio Lower Upper
75 100
110 31.8 16.0 48.0
77 30.7 24.6 36.8

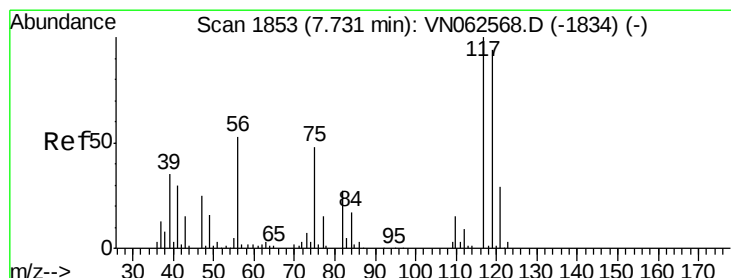
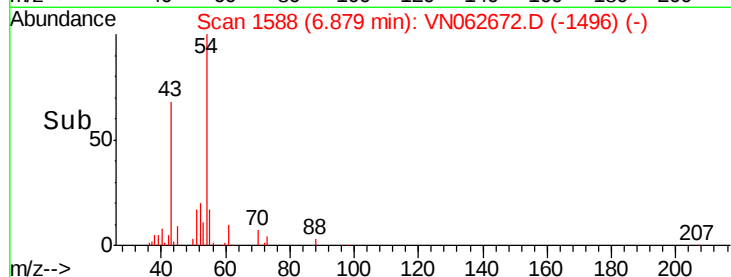
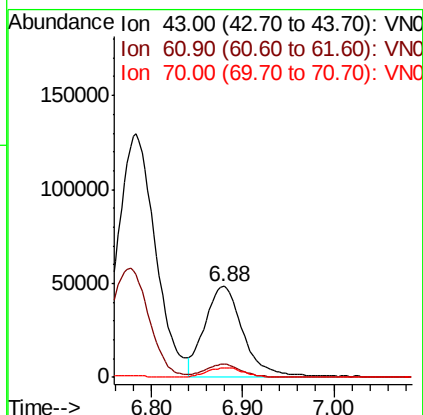
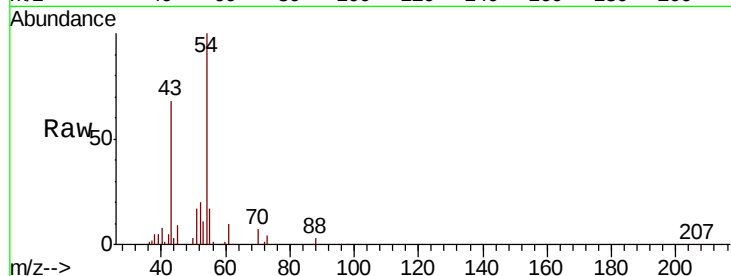




#37
Ethyl Acetate
Concen: 47.242 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

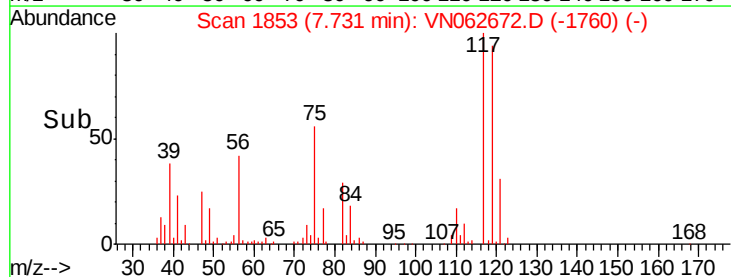
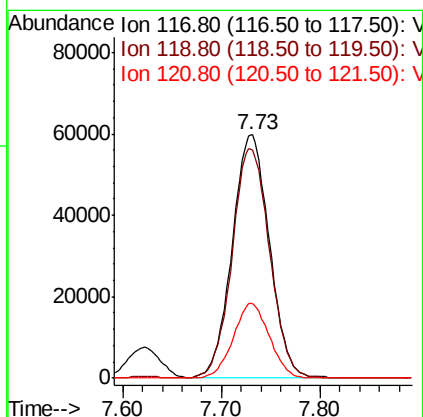
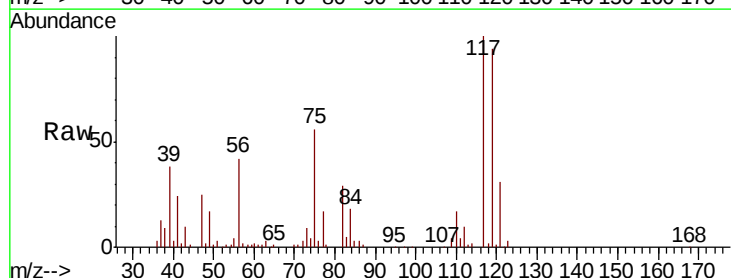
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

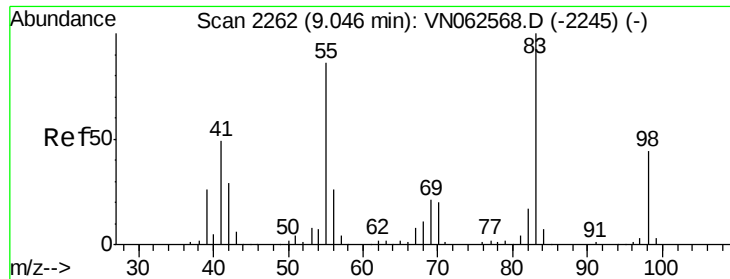
Tot Ion: 43 Resp: 140142
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 10.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 58.831 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Tgt Ion: 117 Resp: 155623
Ion Ratio Lower Upper
117 100
119 93.8 74.8 112.2
121 31.0 23.0 34.6

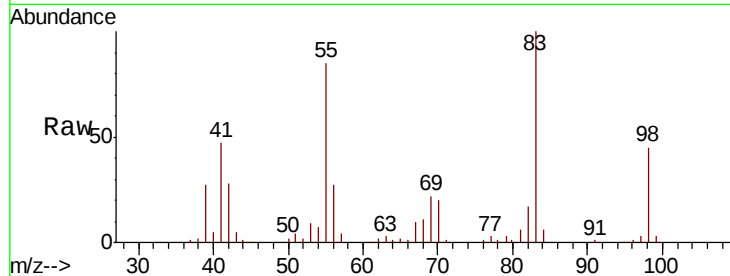




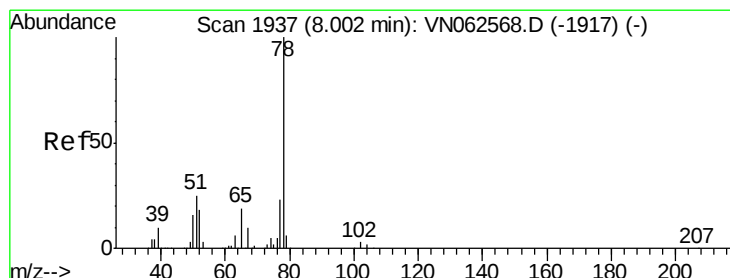
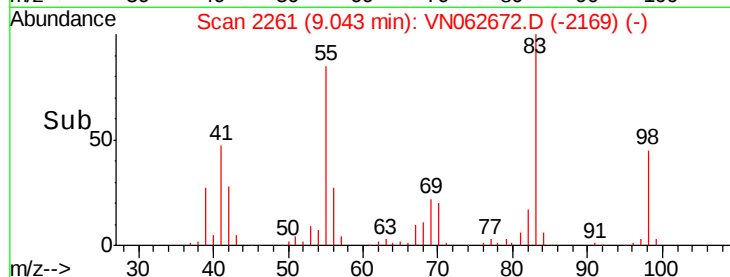
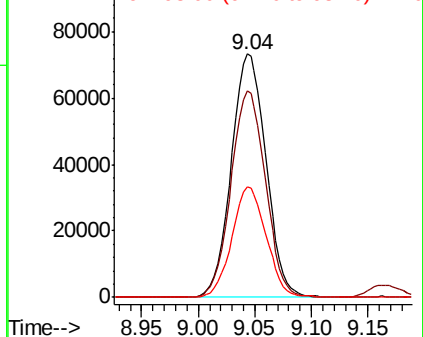
#39
Methvlcvclohexane
Concen: 52.843 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 156542
Ion Ratio Lower Upper
83 100
55 84.6 68.9 103.3
98 45.2 35.1 52.7

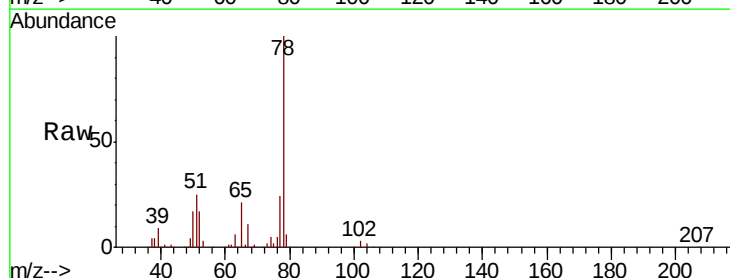


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

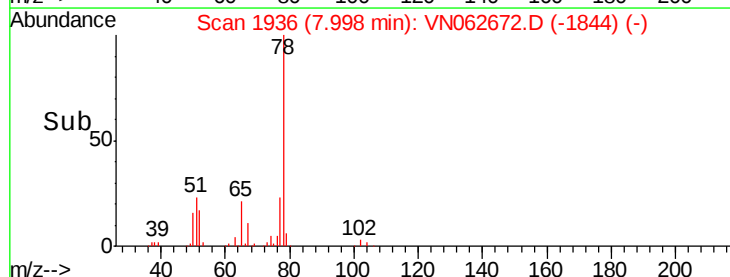
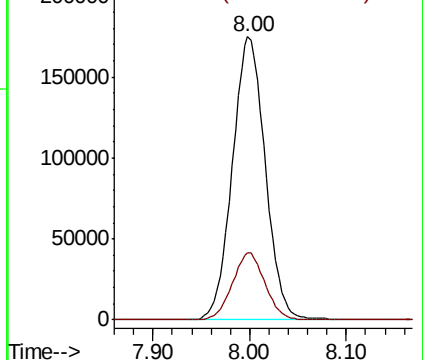


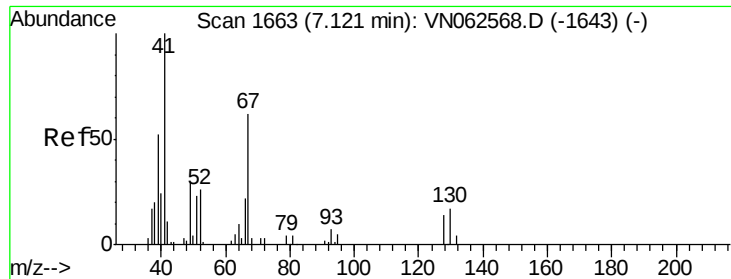
#40
Benzene
Concen: 49.510 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Tgt Ion: 78 Resp: 412495
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1



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

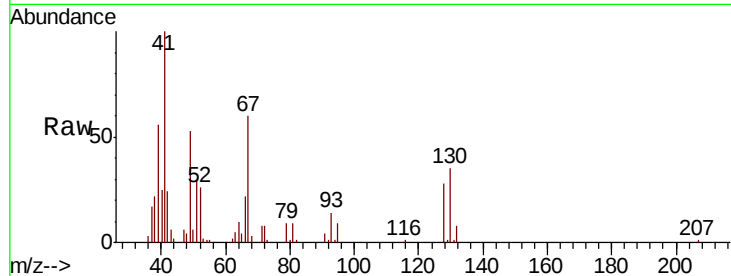




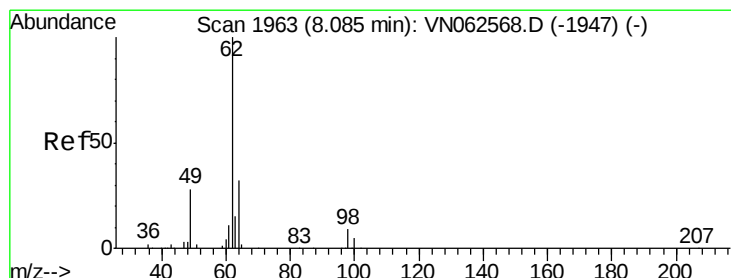
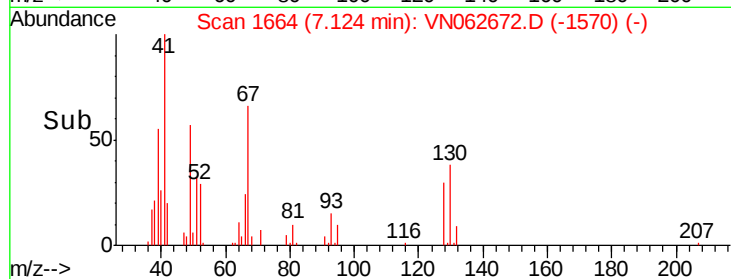
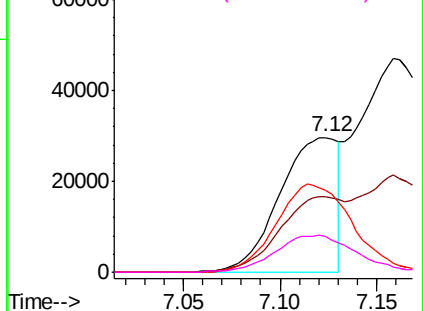
#41
Methacrylonitrile
Concen: 48.631 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 61828
Ion Ratio Lower Upper
41 100
39 60.8 55.8 83.6
67 87.1 72.5 108.7
52 38.9 31.8 47.8

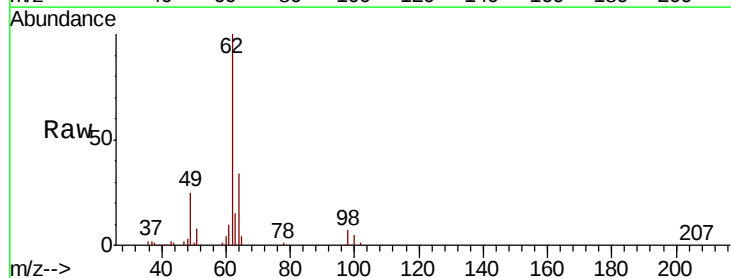


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

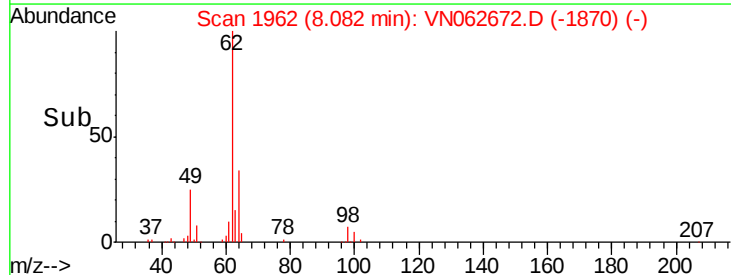
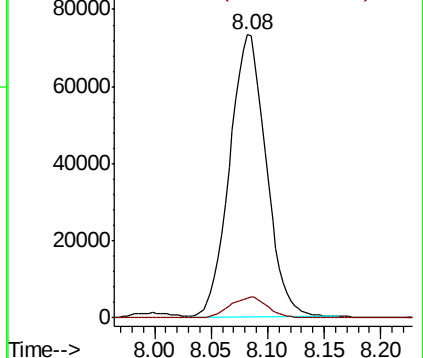


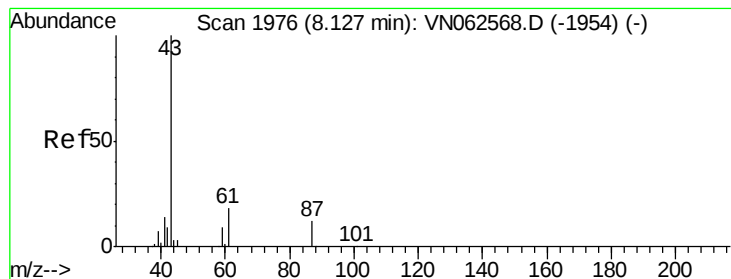
#42
1,2-Dichloroethane
Concen: 54.288 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Tgt Ion: 62 Resp: 165358
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.2



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





#43

Isopropyl Acetate

Concen: 48.556 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

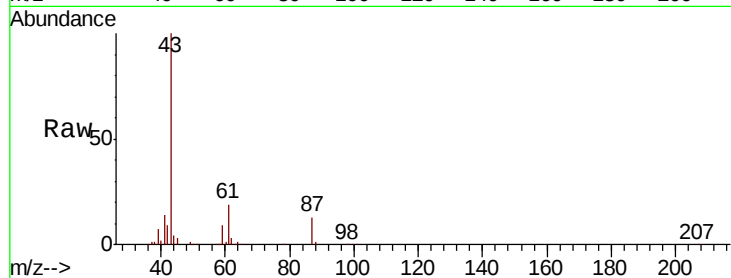
Tot Ion: 43 Resp: 232202

Ion Ratio Lower Upper

43 100

61 26.2 20.8 31.2

87 12.4 9.2 13.8



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

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

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

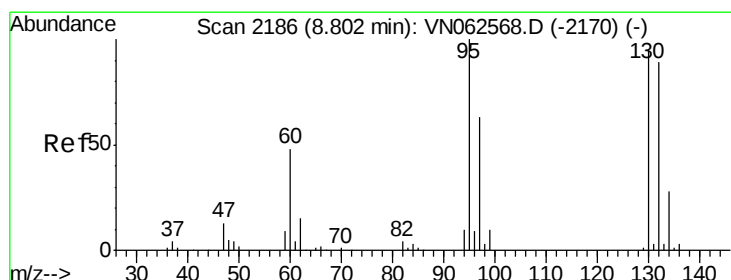
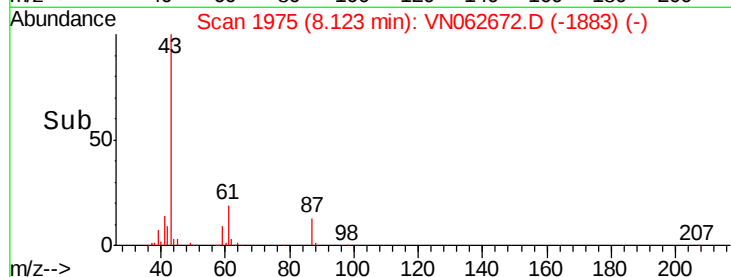
8.12

100000

50000

0

Time-->



#44

Trichloroethene

Concen: 51.577 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062672.D

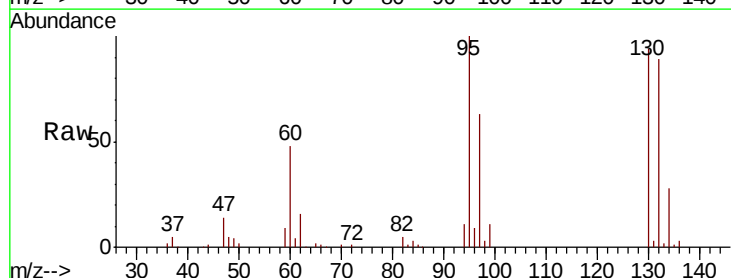
Acq: 31 Jul 2020 9:14

Tgt Ion:130 Resp: 96905

Ion Ratio Lower Upper

130 100

95 106.6 0.0 210.4



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

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

8.80

60000

50000

40000

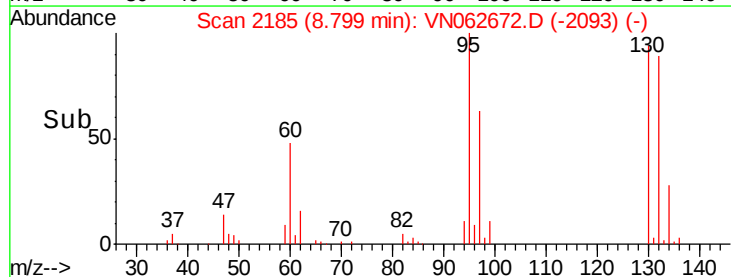
30000

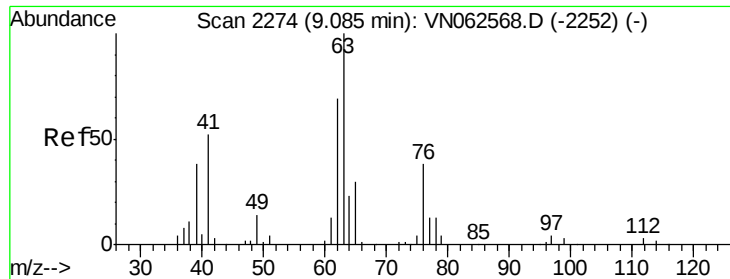
20000

10000

0

Time-->





#45

1,2-Dichloropropane

Concen: 49.118 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

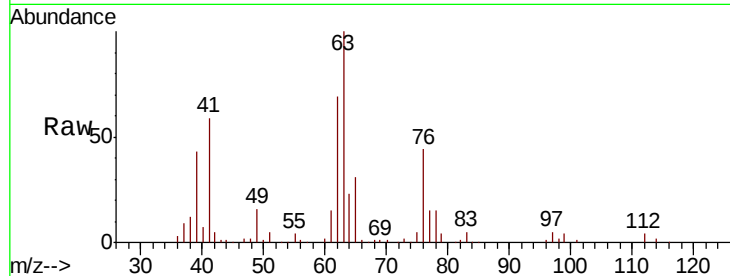
VSTDCCC050

Tot Ion: 63 Resp: 114898

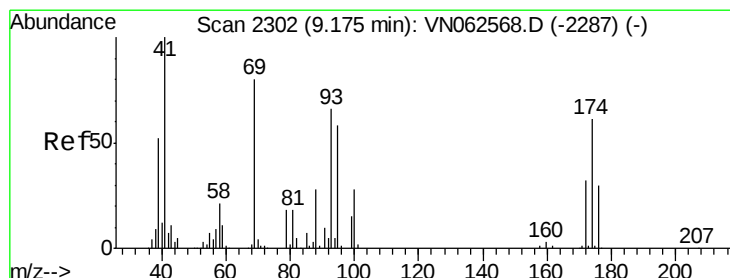
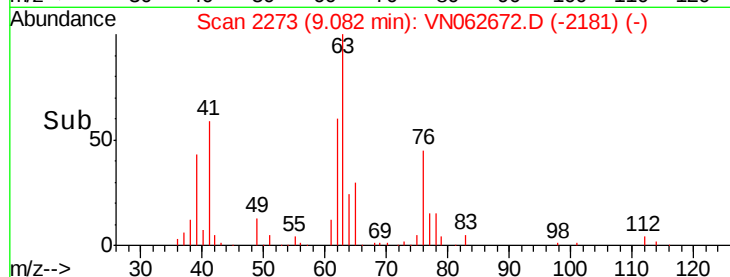
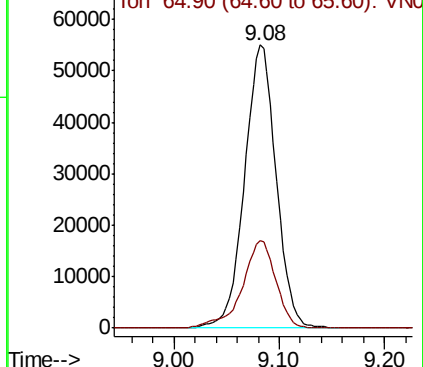
Ion Ratio Lower Upper

63 100

65 31.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN062568.D (-2252) (-)



#46

Dibromomethane

Concen: 52.753 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

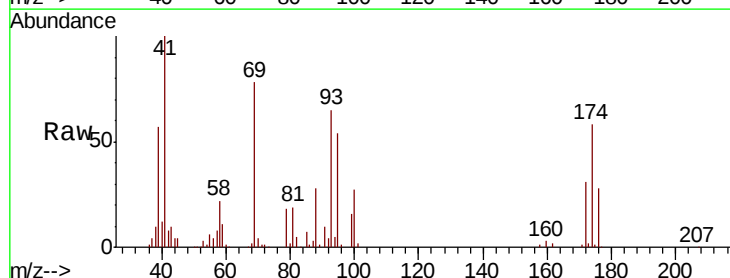
Tgt Ion: 93 Resp: 71323

Ion Ratio Lower Upper

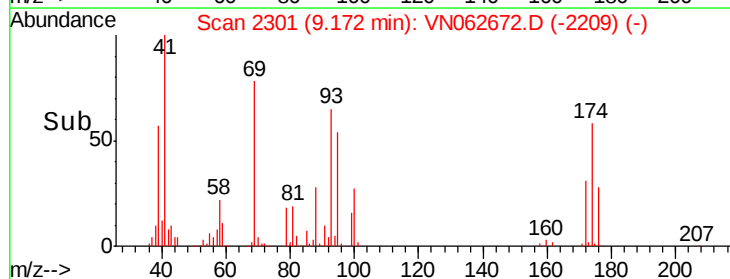
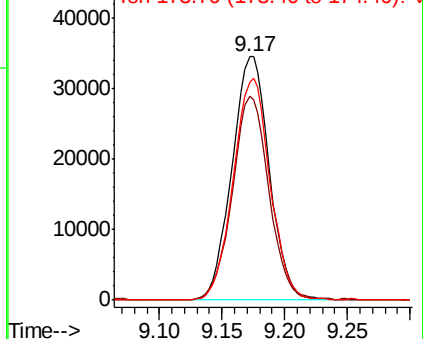
93 100

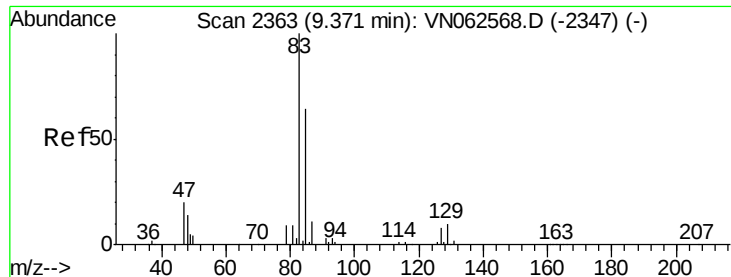
95 82.0 67.6 101.4

174 89.7 72.5 108.7



Abundance Ion 92.80 (92.50 to 93.50): VN062568.D (-2287) (-)





#47

Bromodichloromethane

Concen: 53.829 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

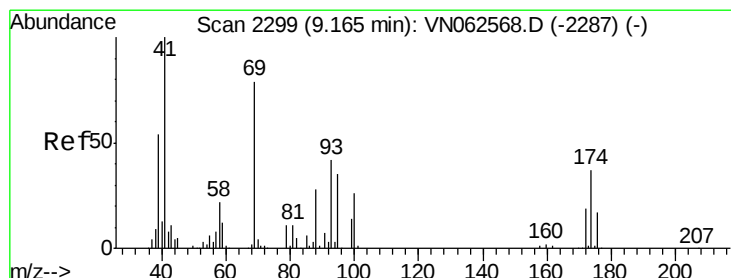
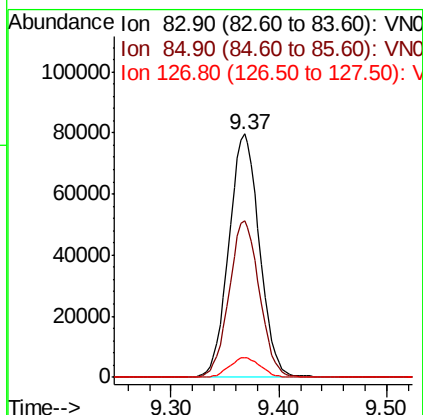
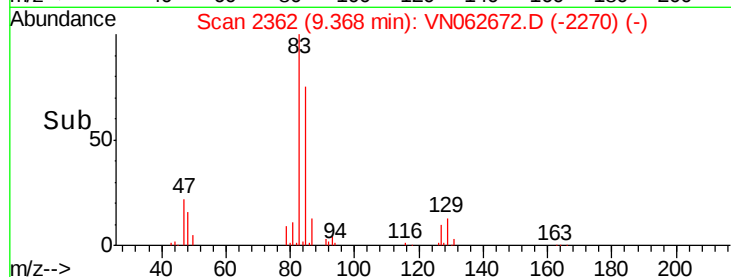
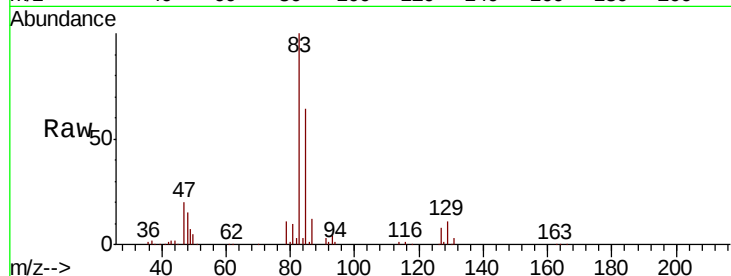
Tot Ion: 83 Resp: 157671

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4

127 8.3 6.2 9.2



#48

Methyl methacrylate

Concen: 50.674 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

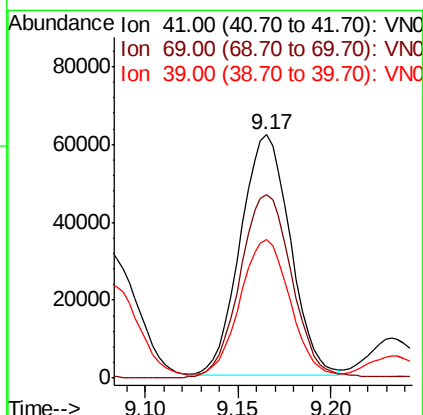
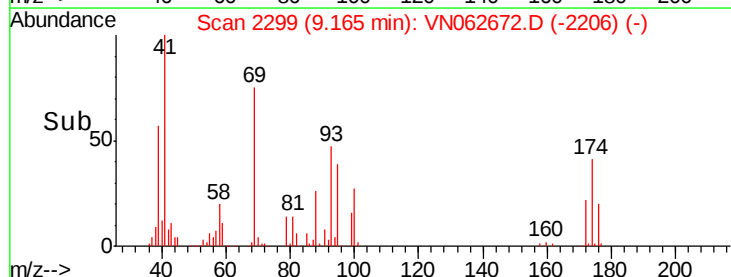
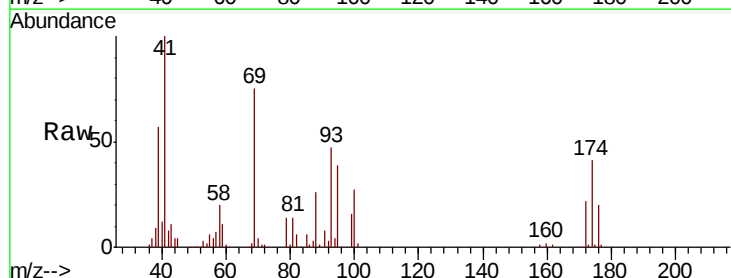
Tgt Ion: 41 Resp: 115196

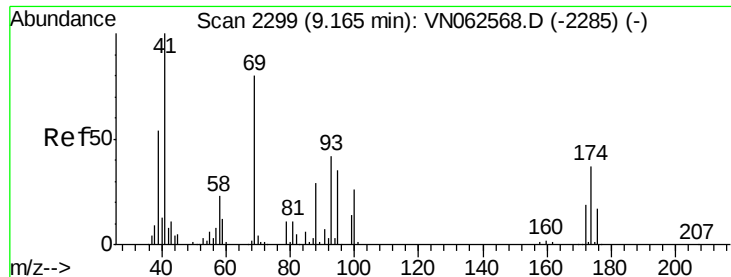
Ion Ratio Lower Upper

41 100

69 79.9 64.4 96.6

39 58.6 43.5 65.3

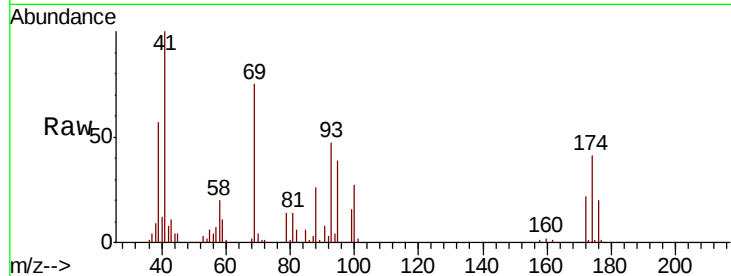




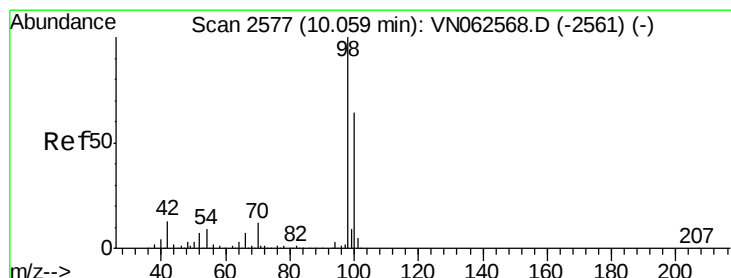
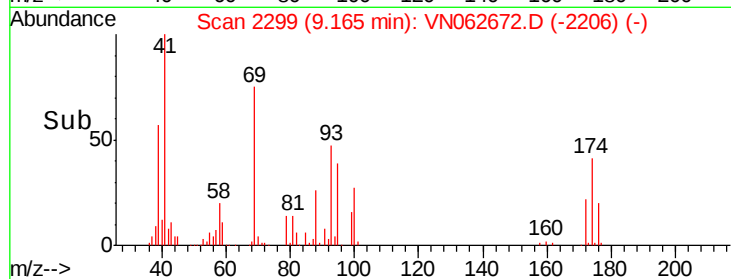
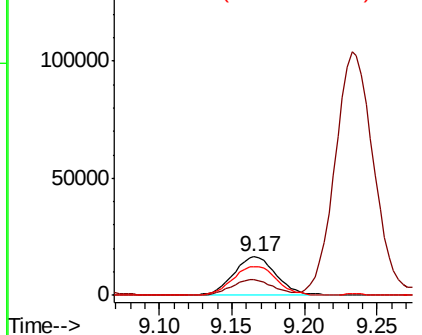
#49
 1,4-Dioxane
 Concen: 978.663 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 34170
 Ion Ratio Lower Upper
 88 100
 43 37.8 32.0 48.0
 58 76.0 62.8 94.2

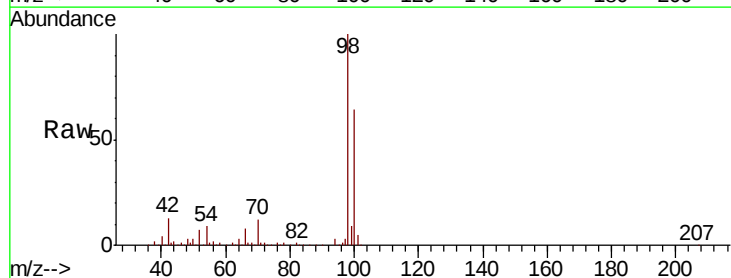


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

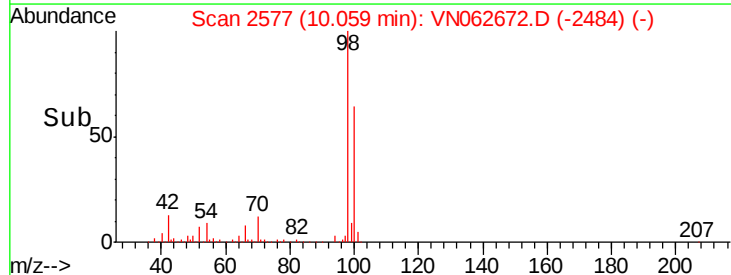
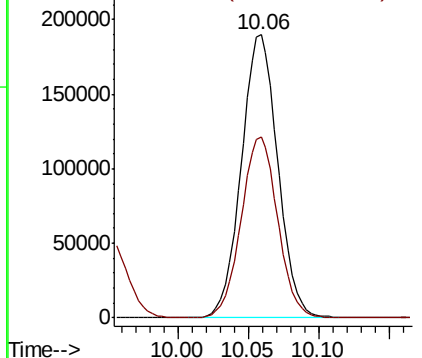


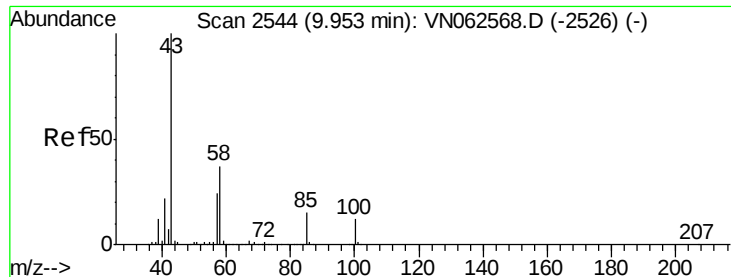
#50
 Toluene-d8
 Concen: 50.829 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Tgt Ion: 98 Resp: 343934
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 251.119 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

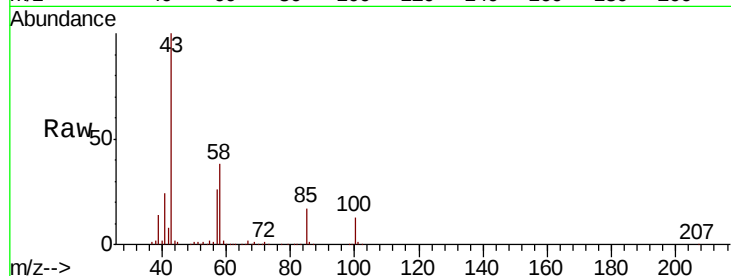
VSTDCCC050

Tot Ion: 43 Resp: 718542

Ion Ratio Lower Upper

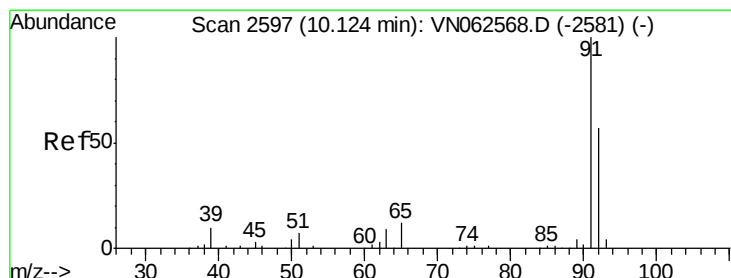
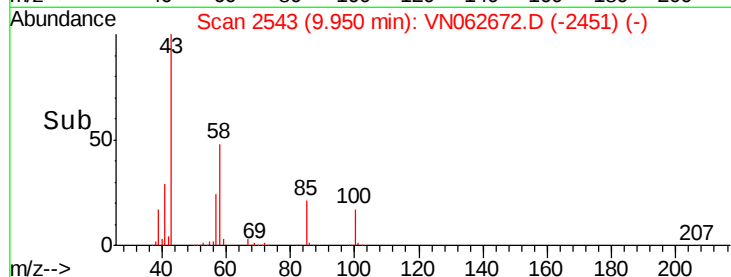
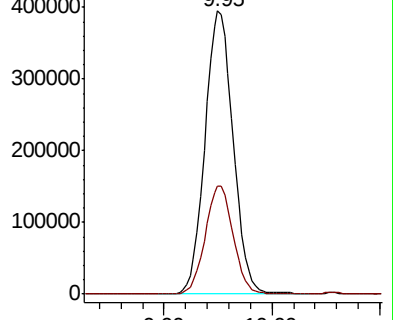
43 100

58 38.0 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-2526) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-2526) (-)



#52

Toluene

Concen: 52.734 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062672.D

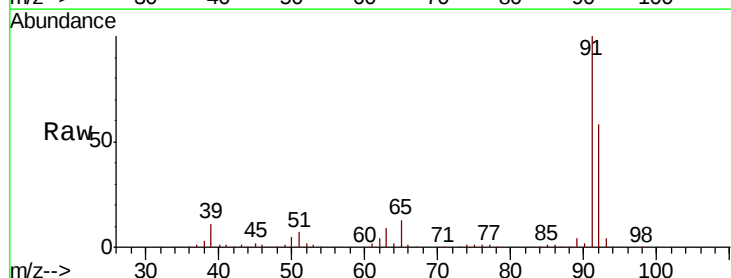
Acq: 31 Jul 2020 9:14

Tgt Ion: 92 Resp: 255116

Ion Ratio Lower Upper

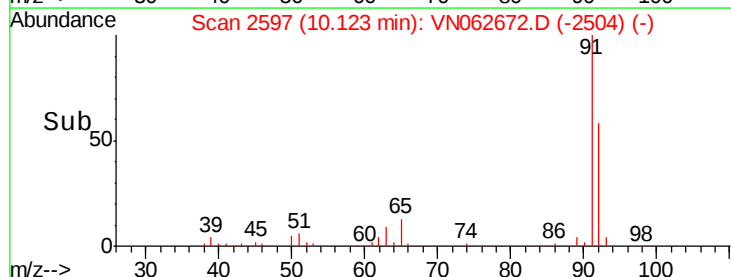
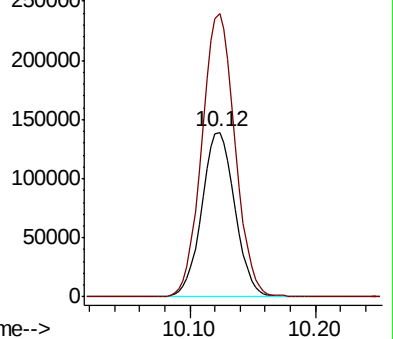
92 100

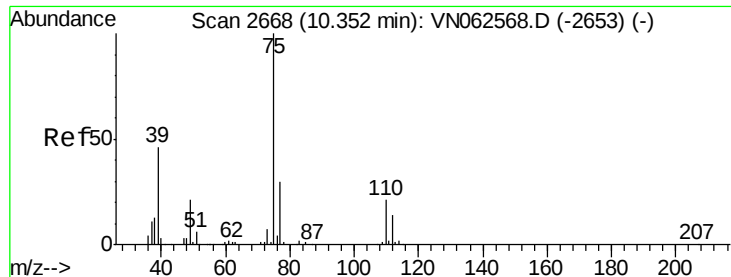
91 172.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN062568.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062568.D (-2581) (-)





#53

t-1,3-Dichloropropene

Concen: 55.064 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampled :

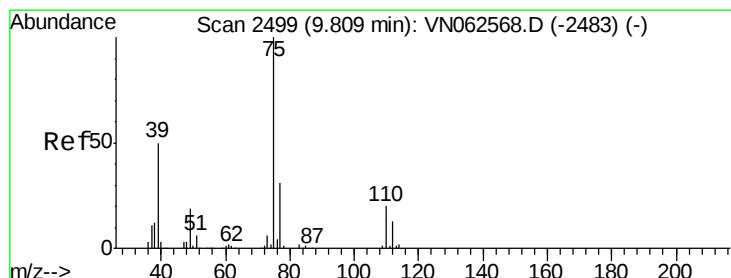
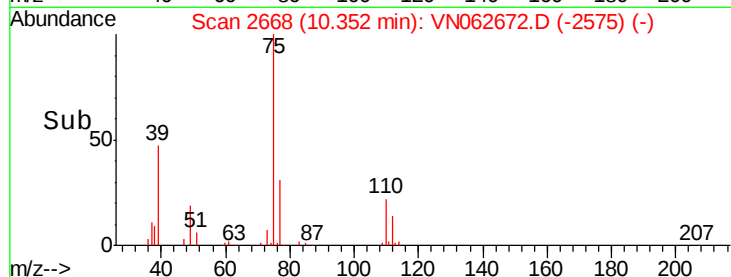
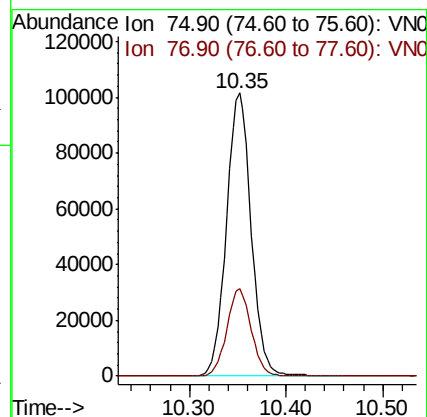
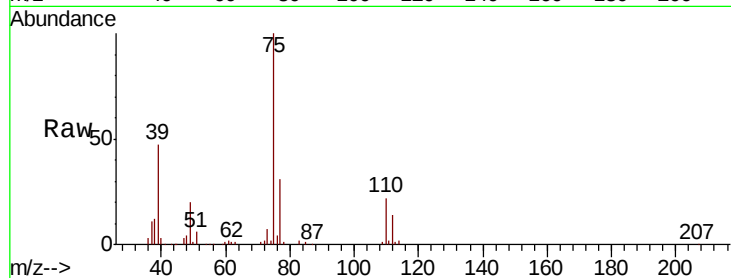
VSTDCCC050

Tot Ion: 75 Resp: 179548

Ion Ratio Lower Upper

75 100

77 30.9 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 52.677 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

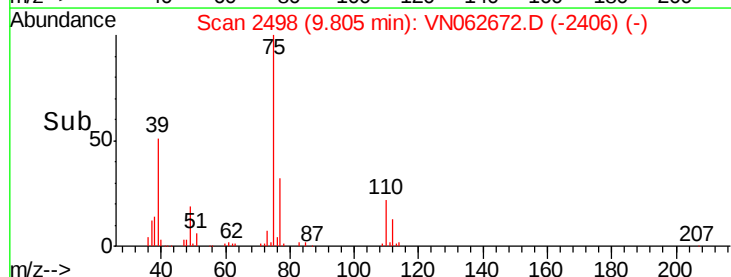
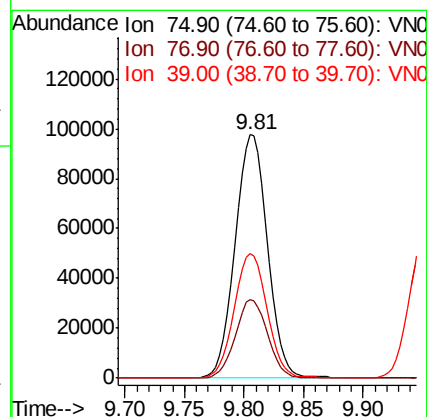
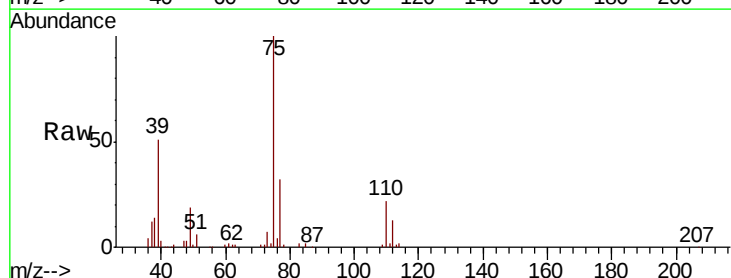
Tgt Ion: 75 Resp: 184308

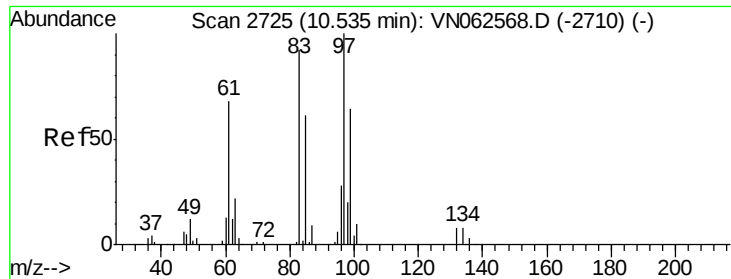
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6

39 51.0 39.8 59.8



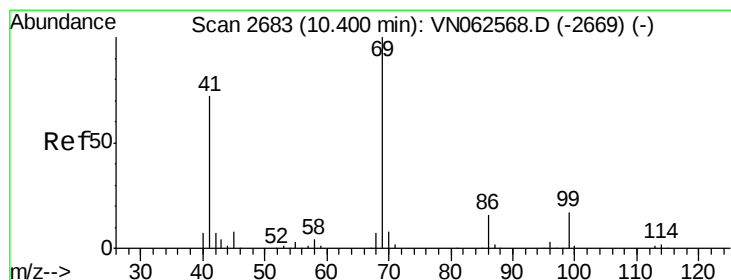
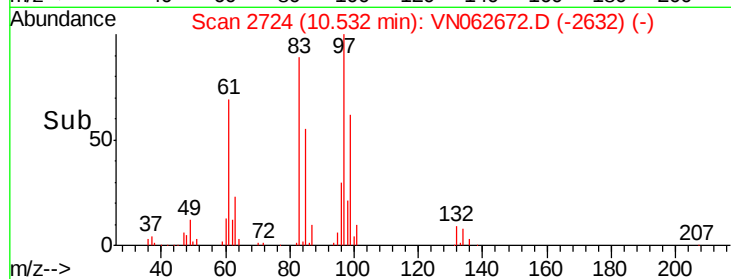
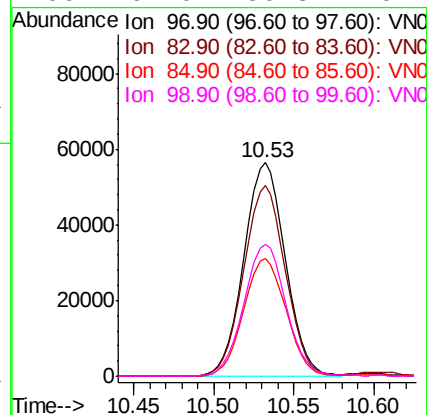
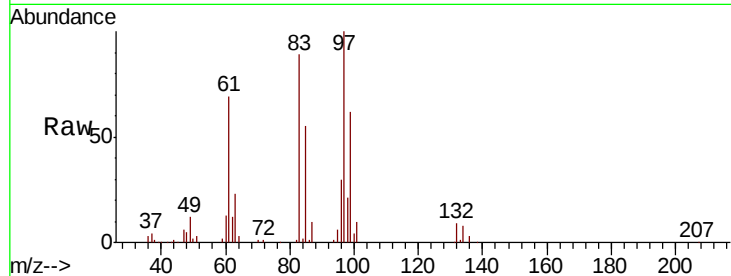


#55
 1,1,2-Trichloroethane
 Concen: 53.287 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 99996

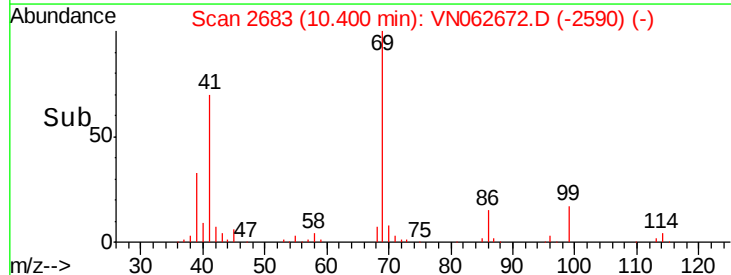
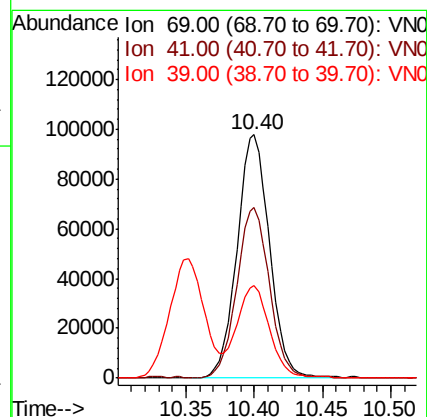
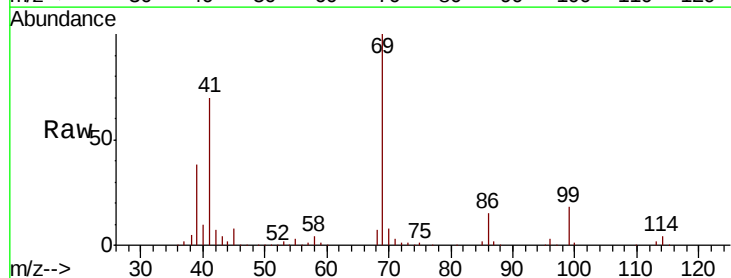
Ion	Ratio	Lower	Upper
97	100		
83	89.3	73.7	110.5
85	55.2	48.5	72.7
99	62.0	50.8	76.2

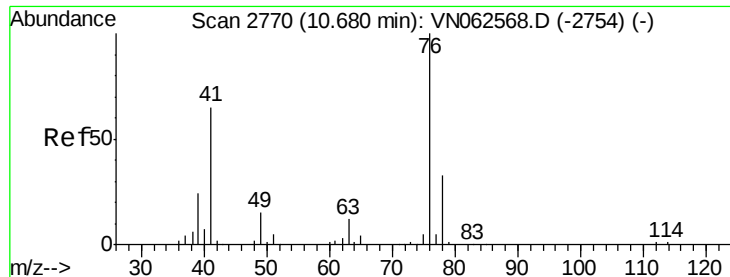


#56
 Ethyl methacrylate
 Concen: 48.020 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Tgt Ion: 69 Resp: 161559

Ion	Ratio	Lower	Upper
69	100		
41	70.0	57.2	85.8
39	38.5	28.6	43.0

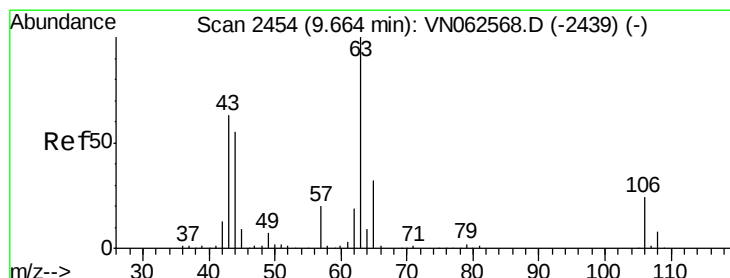
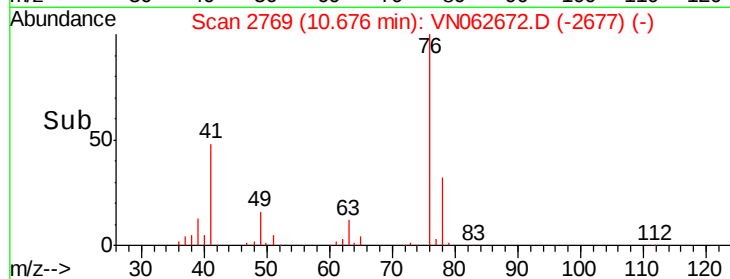
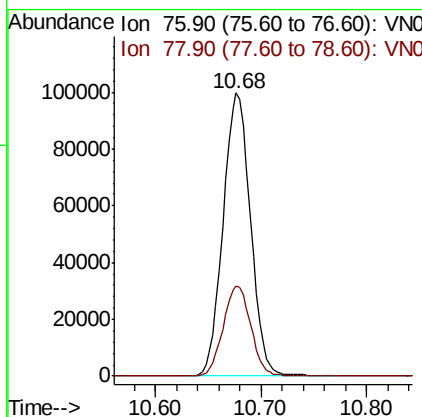
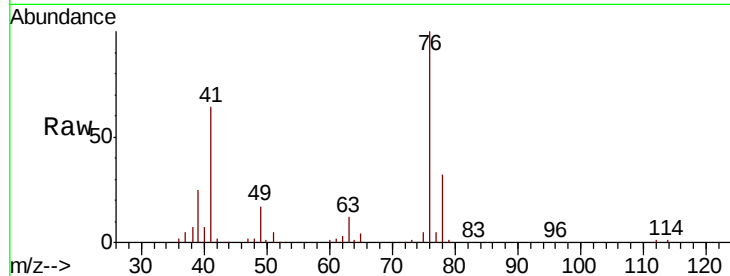




#57
 1,3-Dichloropropane
 Concen: 52.182 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

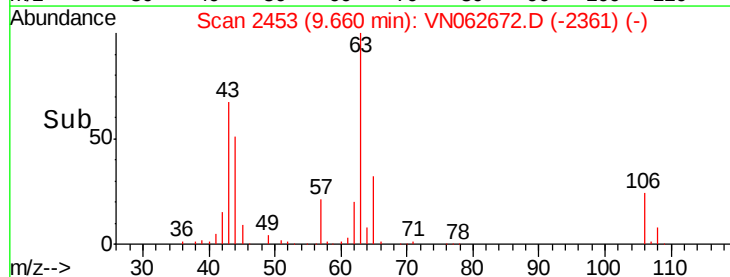
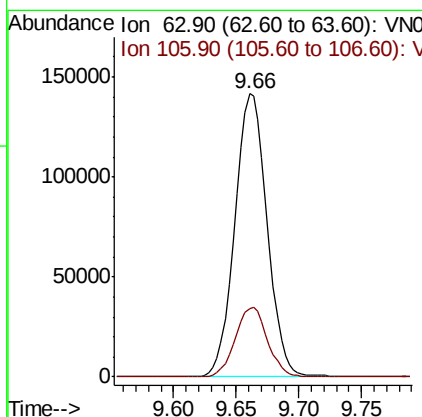
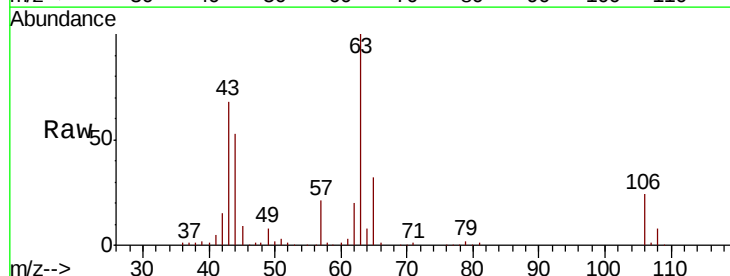
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

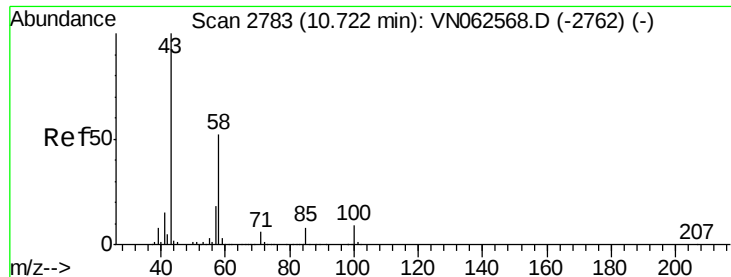
Tot Ion: 76 Resp: 179396
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.260 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Tgt Ion: 63 Resp: 253062
 Ion Ratio Lower Upper
 63 100
 106 24.6 18.9 28.3

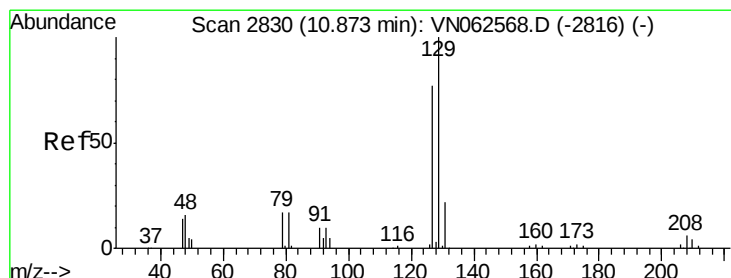
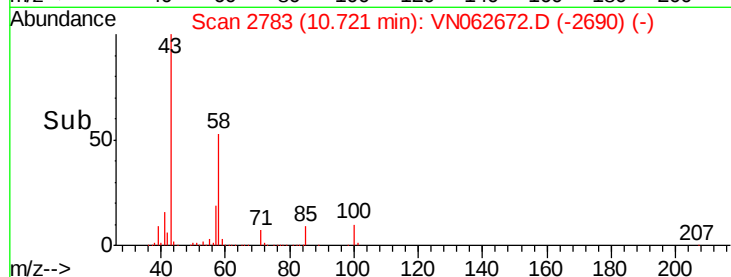
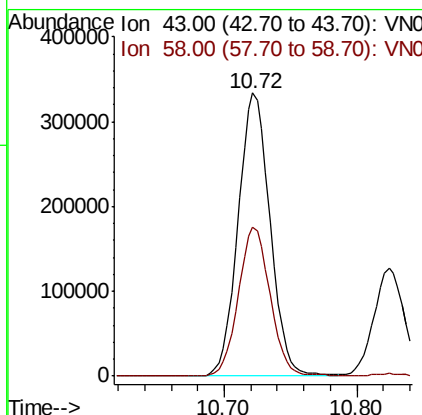
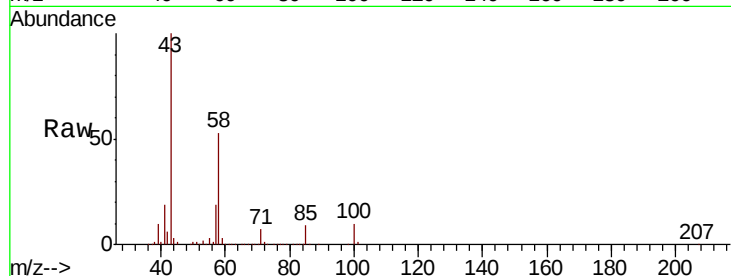




#59
2-Hexanone
Concen: 251.801 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

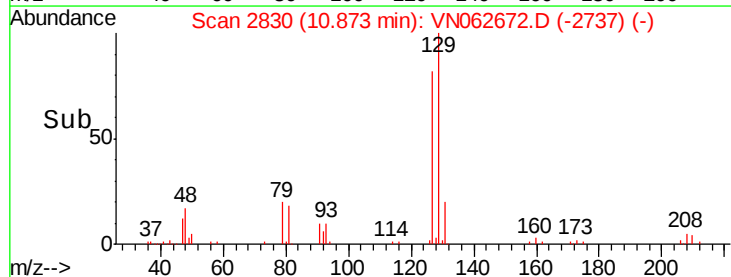
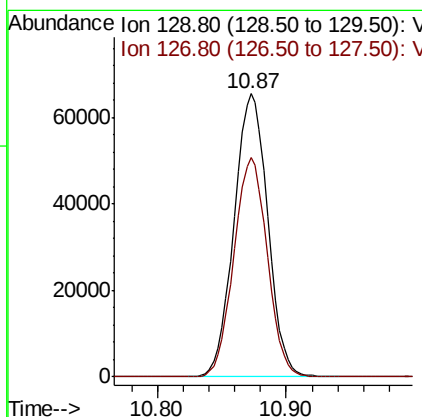
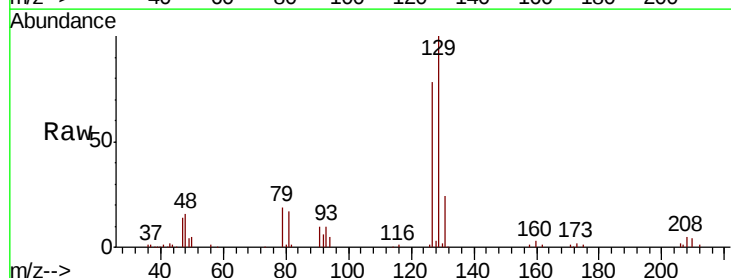
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

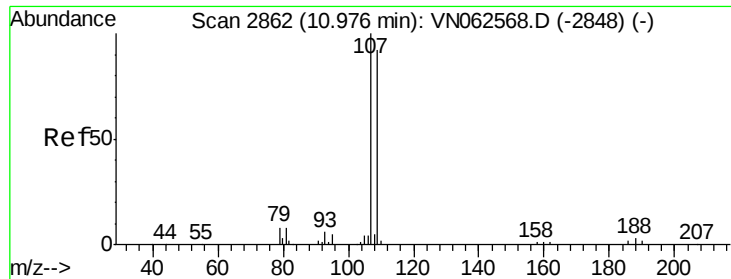
Tot Ion: 43 Resp: 557256
Ion Ratio Lower Upper
43 100
58 52.7 26.0 78.0



#60
Dibromochloromethane
Concen: 56.888 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Tgt Ion: 129 Resp: 119093
Ion Ratio Lower Upper
129 100
127 76.7 38.0 113.9

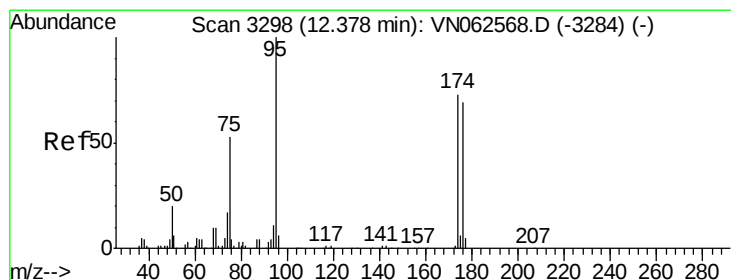
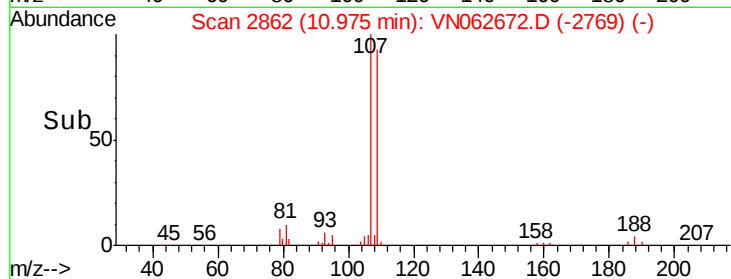
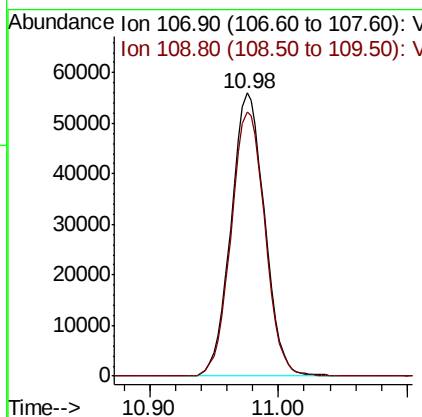
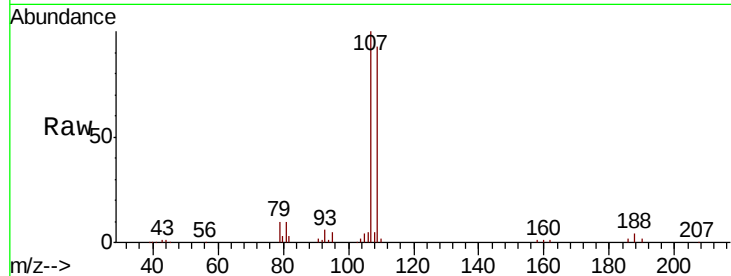




#61
 1,2-Dibromoethane
 Concen: 51.775 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

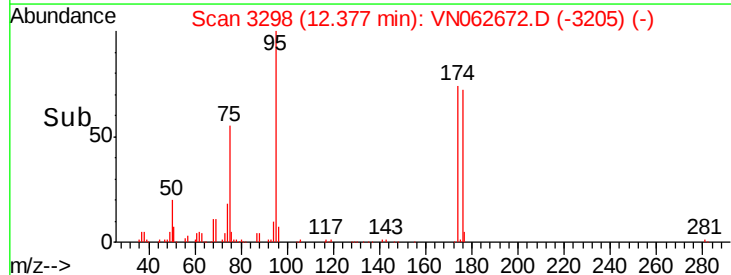
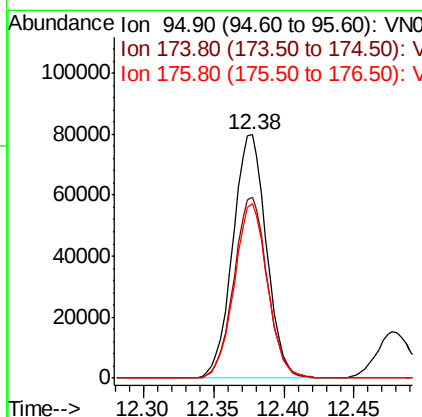
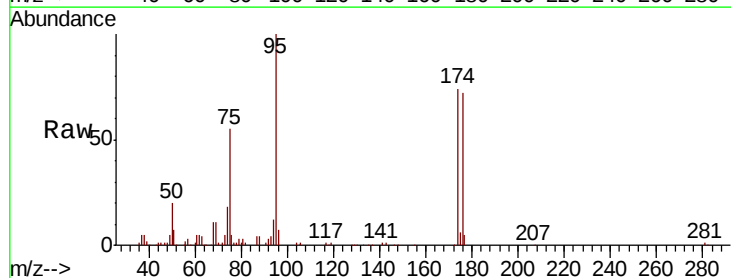
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

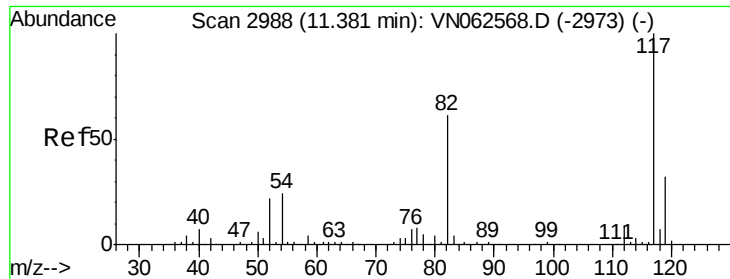
Tot Ion:107 Resp: 101171
 Ion Ratio Lower Upper
 107 100
 109 94.2 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 54.004 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Tgt Ion: 95 Resp: 133614
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 144.6
 176 70.6 0.0 139.4

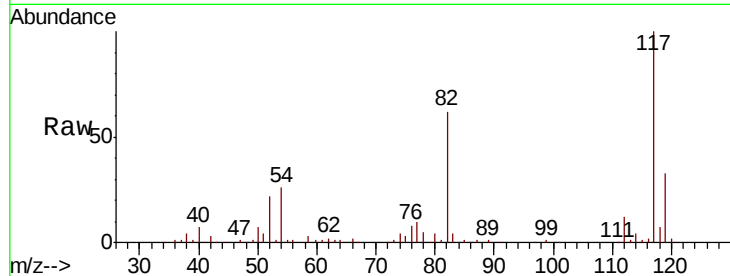




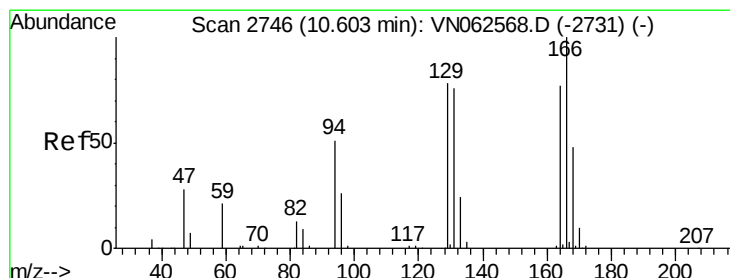
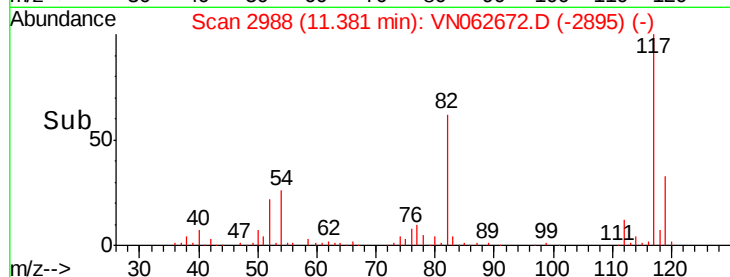
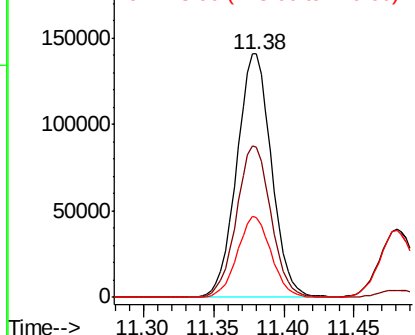
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 243465
Ion Ratio Lower Upper
117 100
82 61.7 49.0 73.6
119 32.9 25.4 38.2

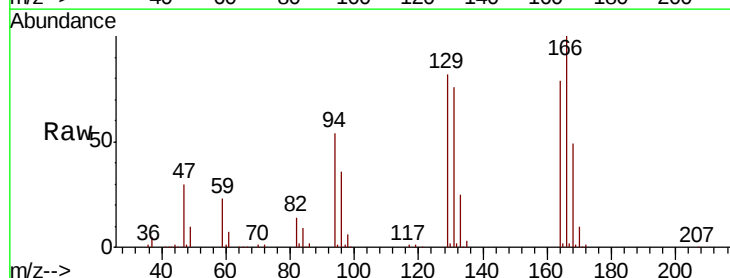


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

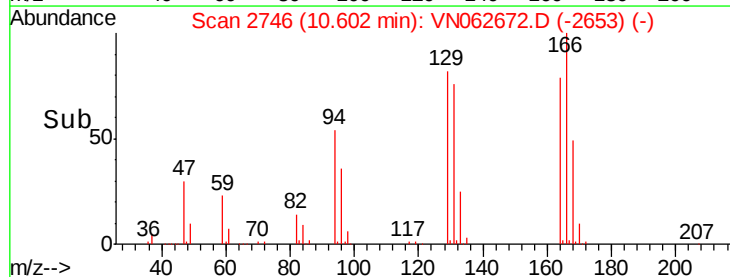
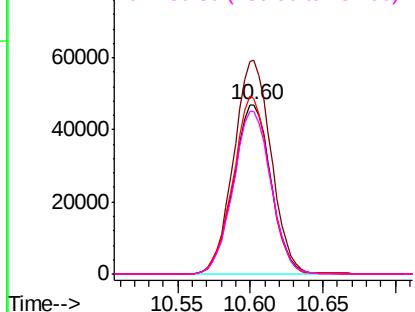


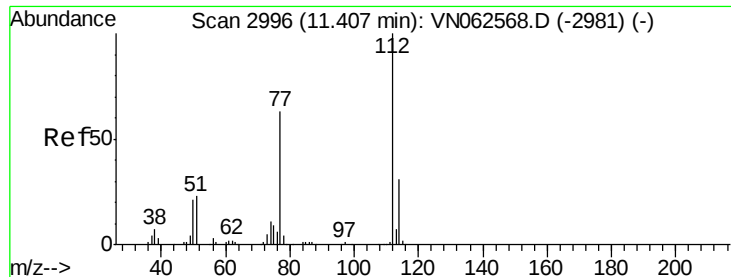
#64
Tetrachloroethene
Concen: 53.553 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Tgt Ion:164 Resp: 84714
Ion Ratio Lower Upper
164 100
166 126.2 104.4 156.6
129 103.7 81.0 121.4
131 95.8 79.4 119.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 51.818 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

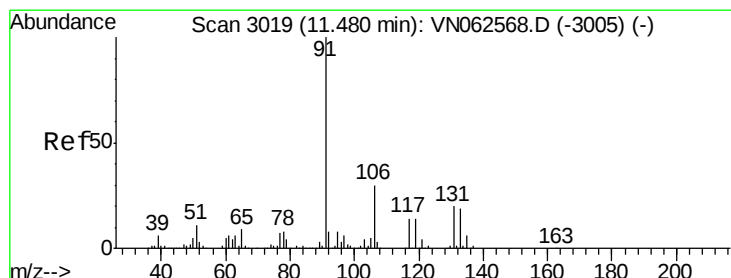
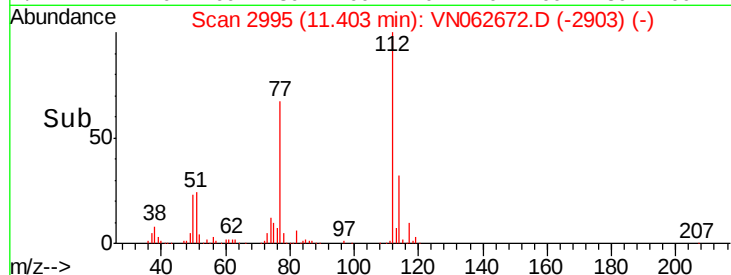
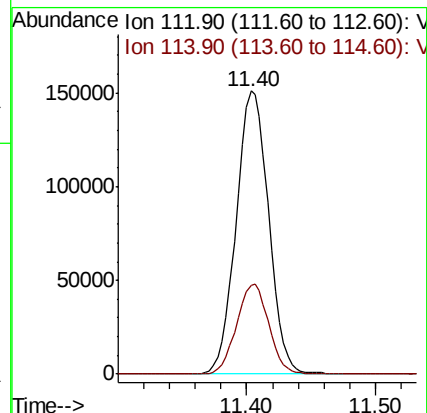
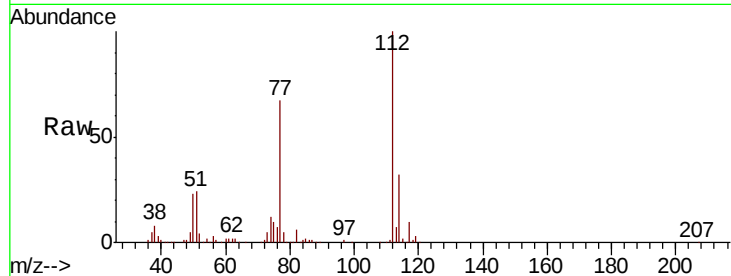
VSTDCCC050

Tot Ion:112 Resp: 264481

Ion Ratio Lower Upper

112 100

114 31.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 53.861 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

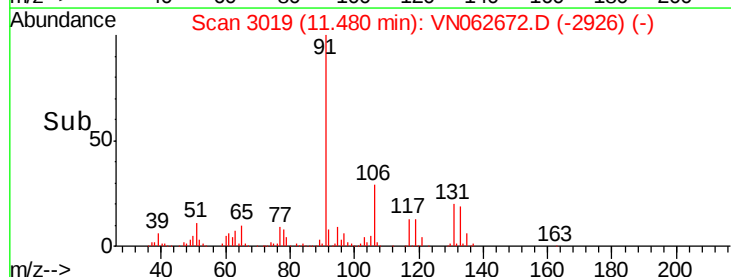
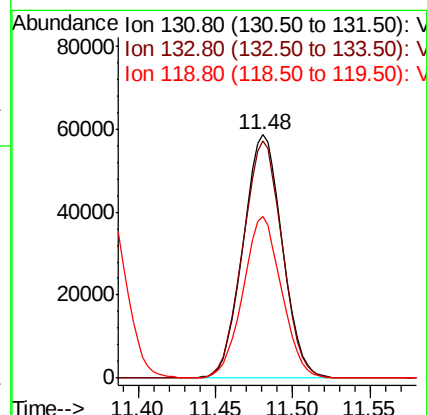
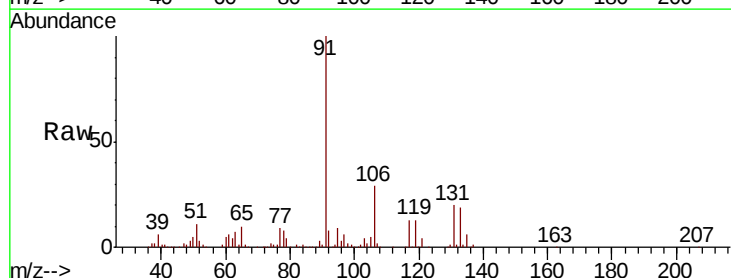
Tgt Ion:131 Resp: 103420

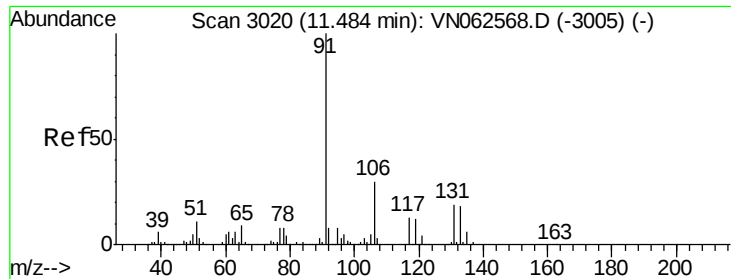
Ion Ratio Lower Upper

131 100

133 97.8 47.3 142.0

119 65.3 33.7 101.0





#67

Ethyl Benzene

Concen: 53.575 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

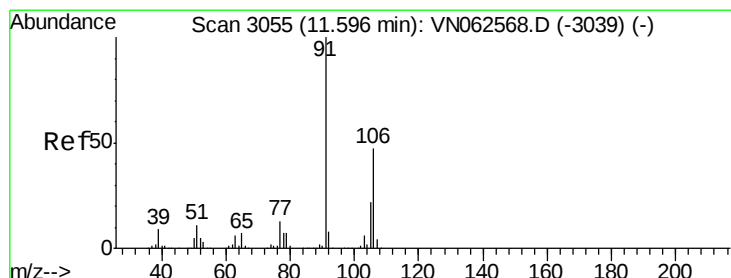
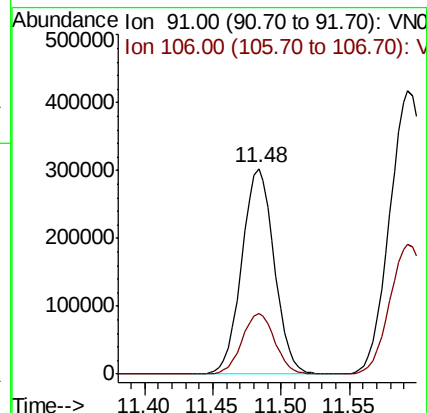
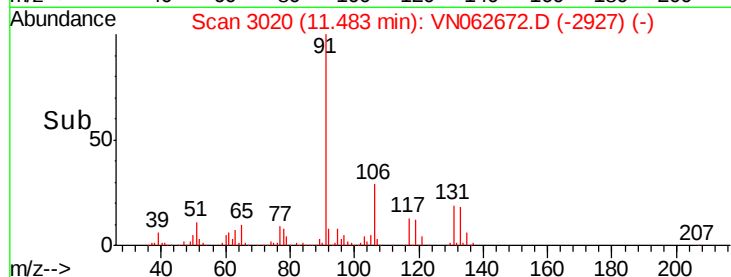
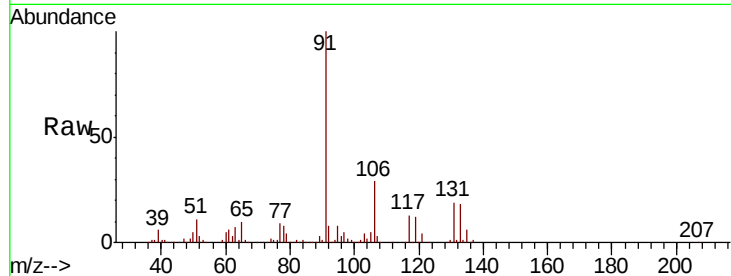
VSTDCCC050

Tot Ion: 91 Resp: 501376

Ion Ratio Lower Upper

91 100

106 29.5 23.8 35.8



#68

m/p-Xylenes

Concen: 110.214 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062672.D

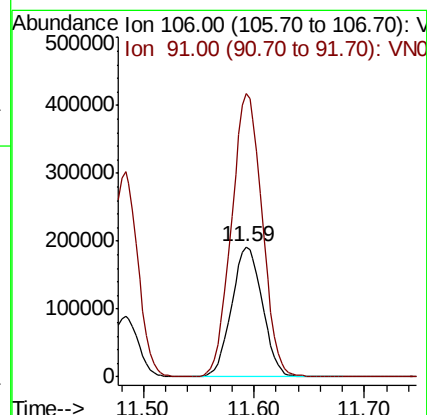
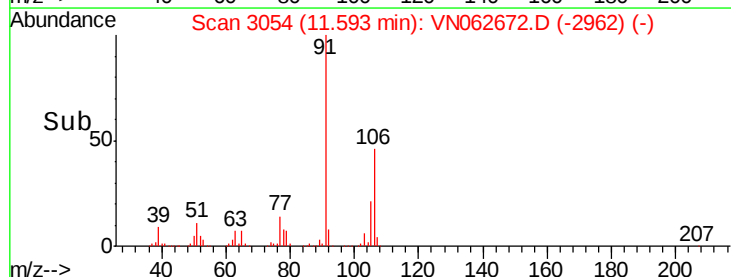
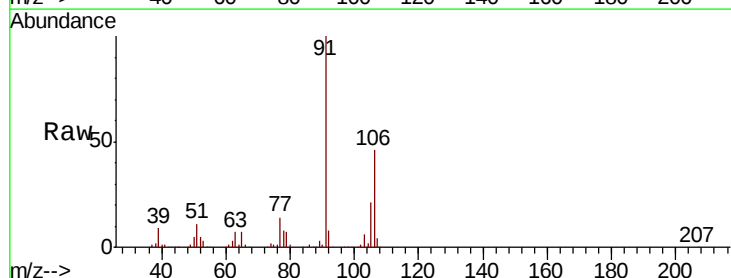
Acq: 31 Jul 2020 9:14

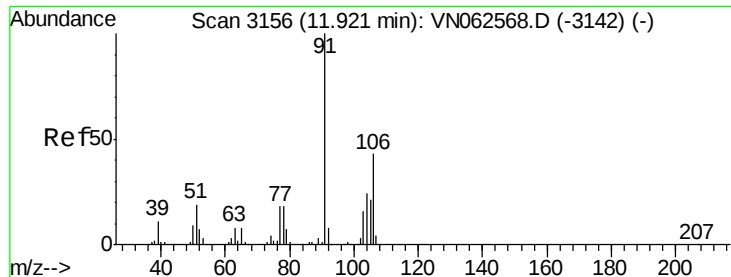
Tgt Ion: 106 Resp: 370724

Ion Ratio Lower Upper

106 100

91 216.6 171.4 257.2

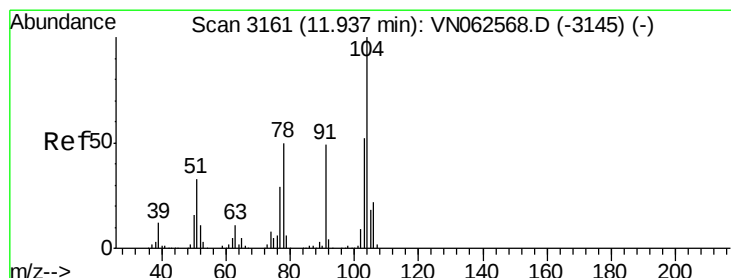
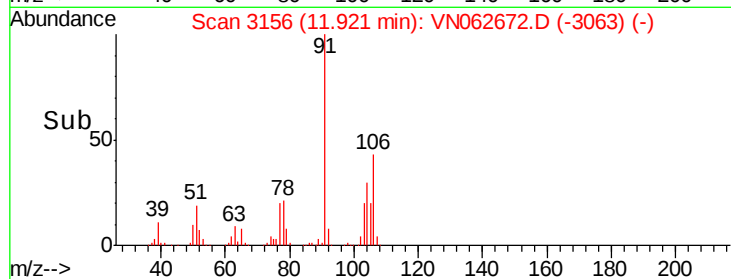
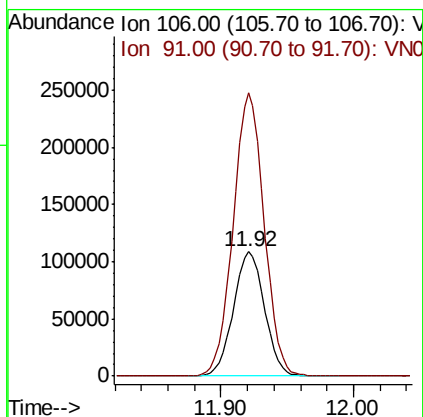
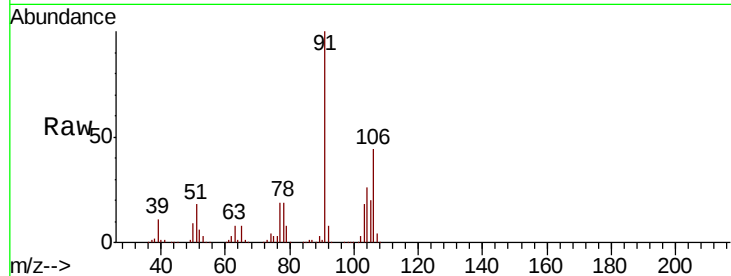




#69
o-Xylene
Concen: 55.601 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

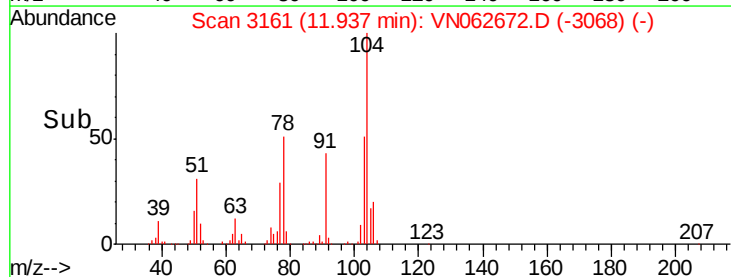
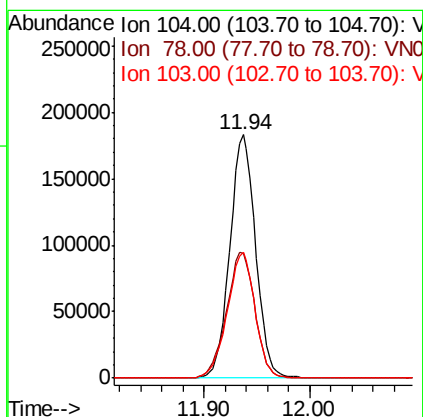
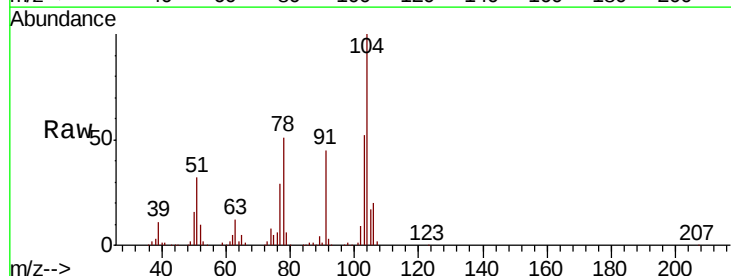
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

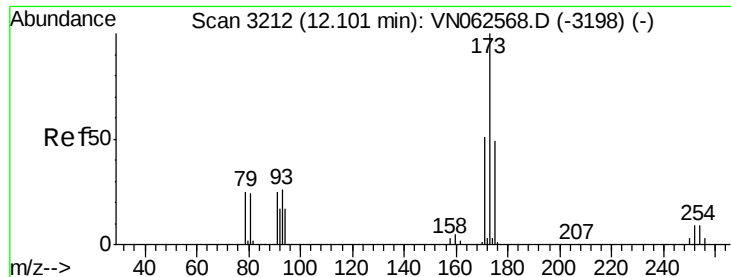
Tot Ion:106 Resp: 177596
Ion Ratio Lower Upper
106 100
91 225.7 113.8 341.2



#70
Styrene
Concen: 57.254 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Tgt Ion:104 Resp: 308923
Ion Ratio Lower Upper
104 100
78 57.2 43.8 65.6
103 55.6 44.0 66.0





#71

Bromoform

Concen: 56.836 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

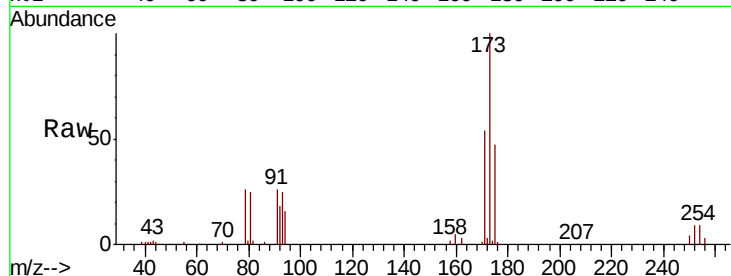
Tot Ion:173 Resp: 81940

Ion Ratio Lower Upper

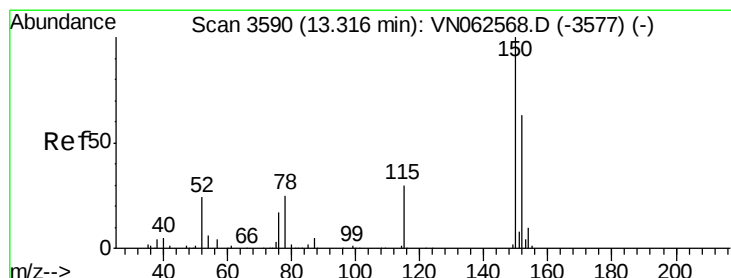
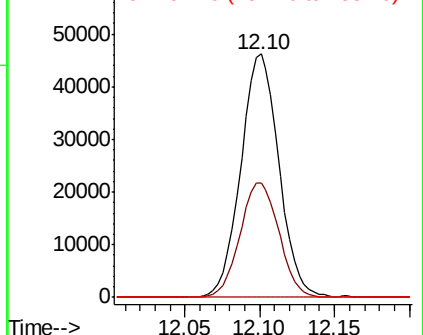
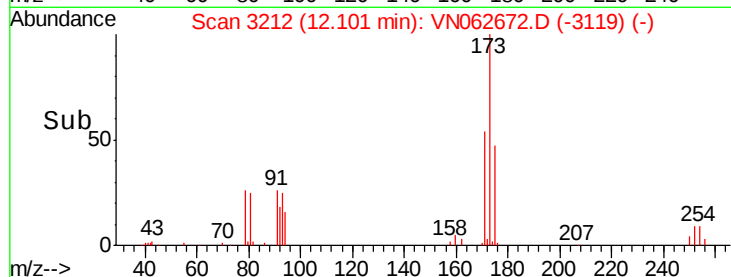
173 100

175 48.0 24.1 72.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

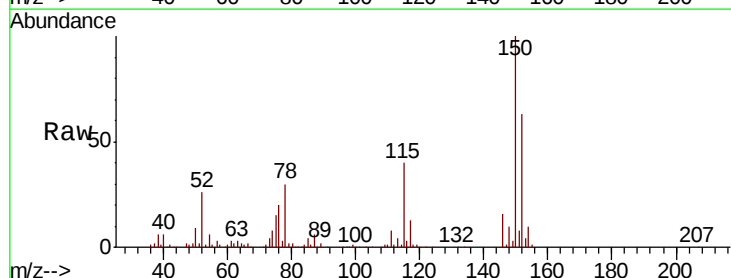
Tgt Ion:152 Resp: 122546

Ion Ratio Lower Upper

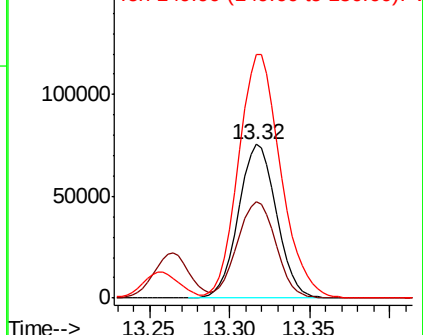
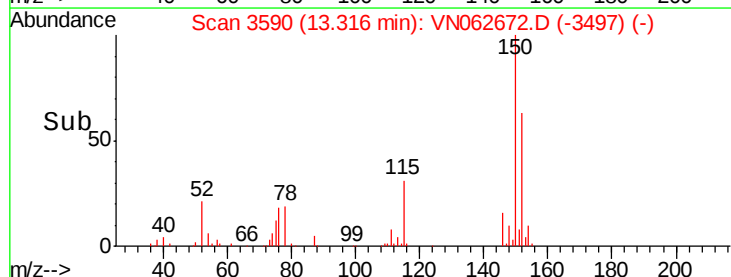
152 100

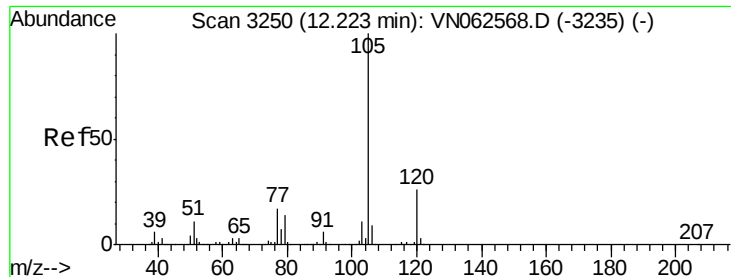
115 63.9 31.8 95.4

150 175.7 0.0 351.4



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





#73

Isopropylbenzene

Concen: 50.405 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

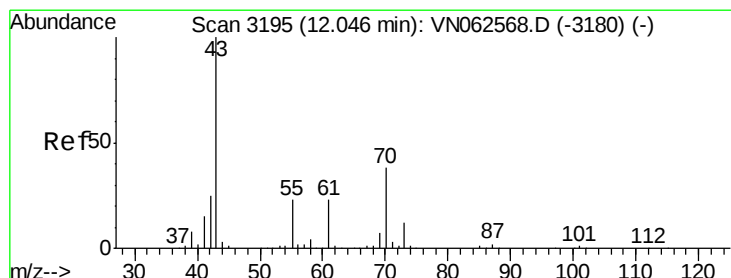
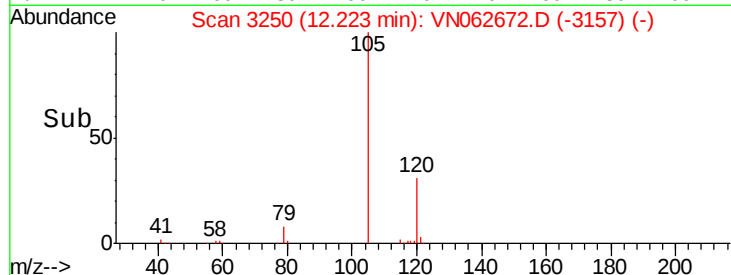
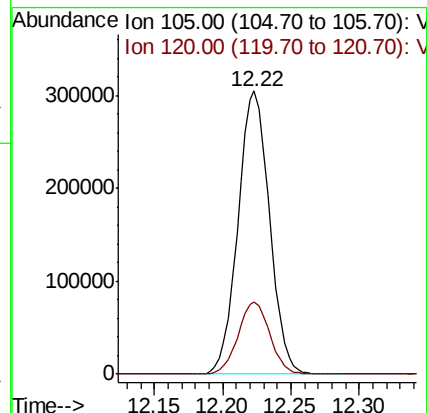
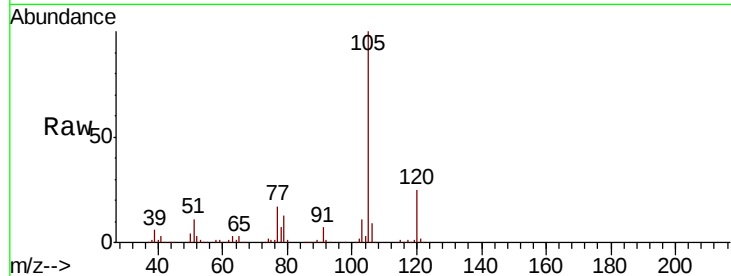
VSTDCCC050

Tot Ion:105 Resp: 488419

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.4



#74

N-ethyl acetate

Concen: 47.764 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Tgt Ion: 43 Resp: 206693

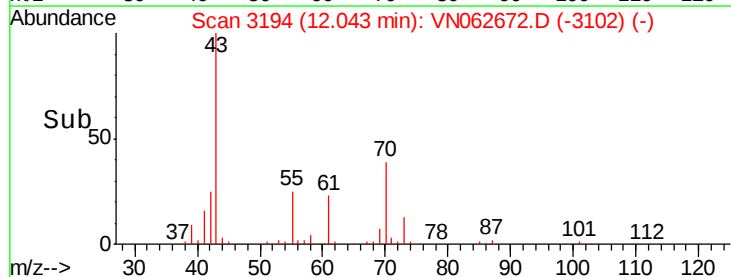
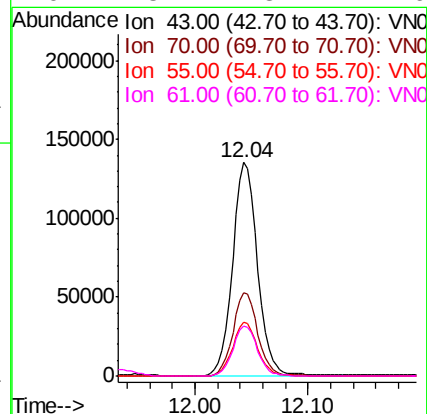
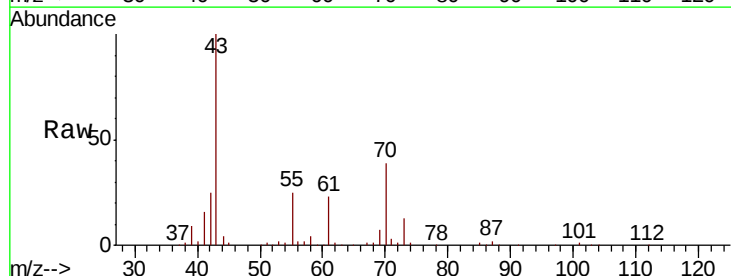
Ion Ratio Lower Upper

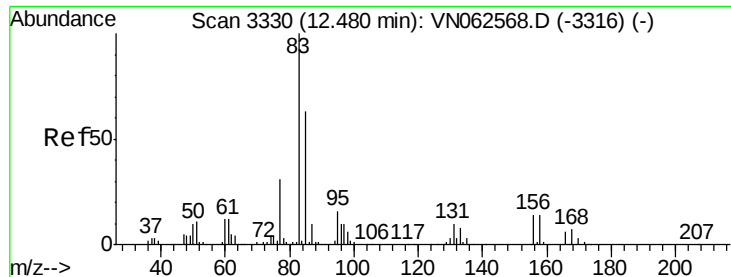
43 100

70 39.1 30.5 45.7

55 25.3 19.0 28.6

61 23.2 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.441 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

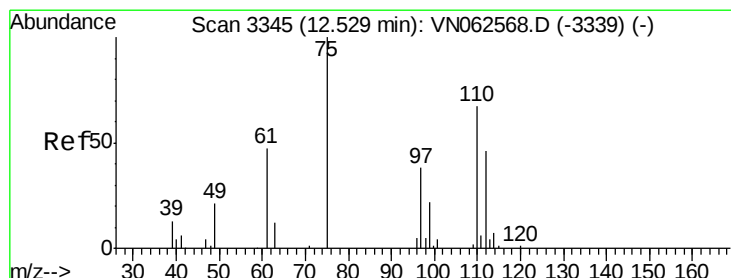
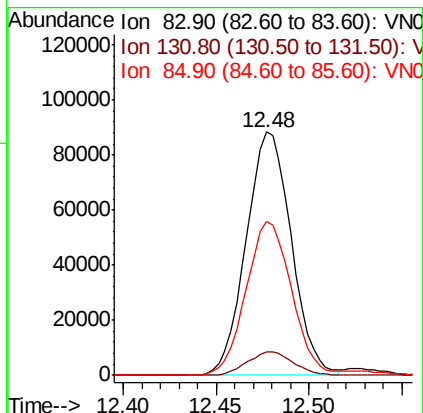
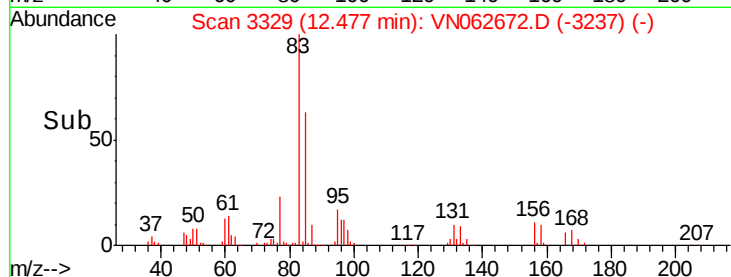
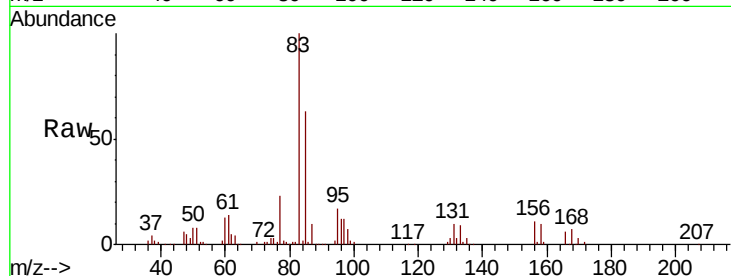
Tot Ion: 83 Resp: 149641

Ion Ratio Lower Upper

83 100

131 9.9 4.8 14.3

85 63.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 66.282 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062672.D

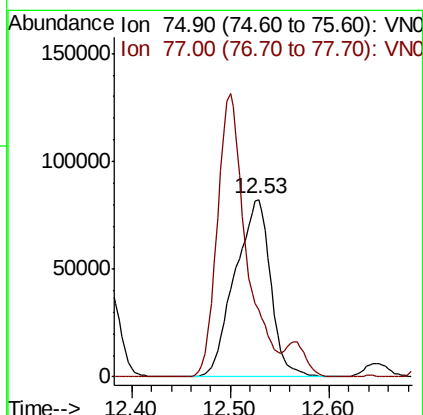
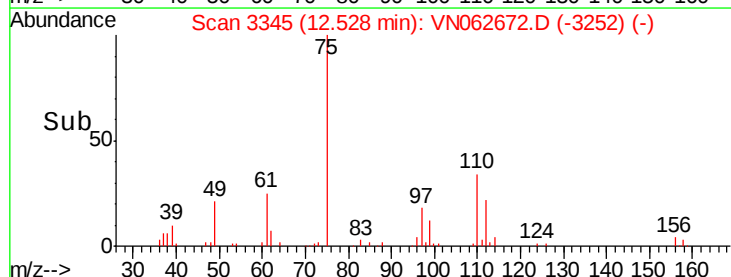
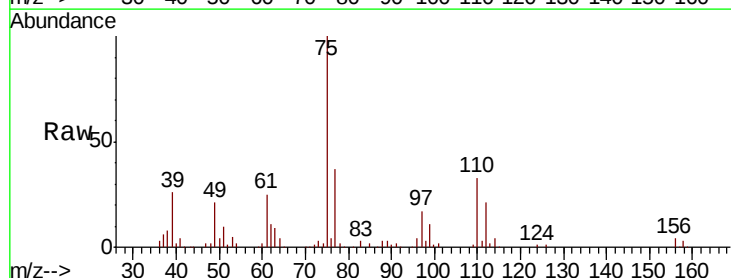
Acq: 31 Jul 2020 9:14

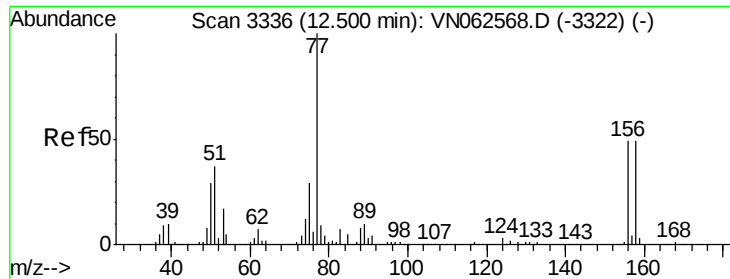
Tgt Ion: 75 Resp: 206750

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.779 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

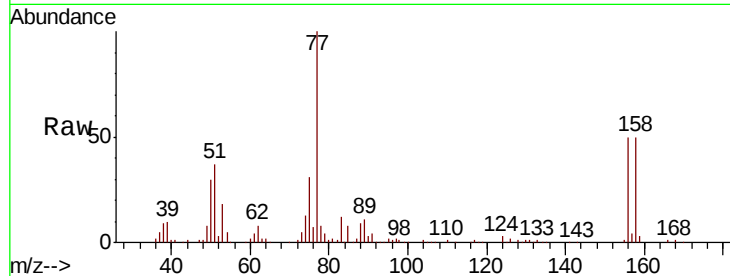
Tot Ion:156 Resp: 113588

Ion Ratio Lower Upper

156 100

77 238.8 122.8 368.3

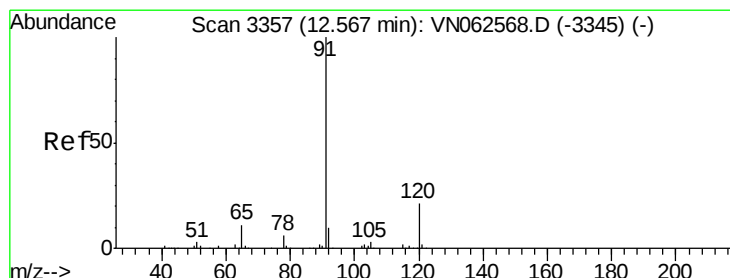
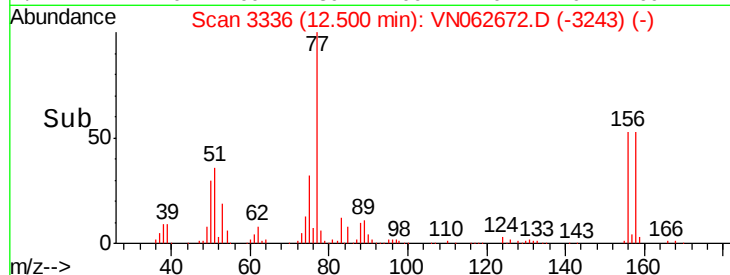
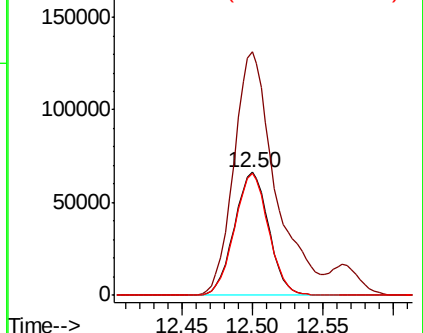
158 97.8 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.472 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062672.D

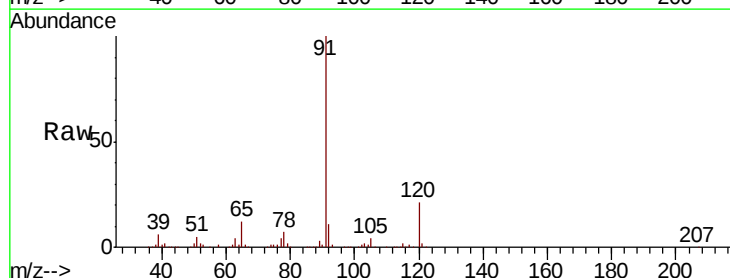
Acq: 31 Jul 2020 9:14

Tgt Ion: 91 Resp: 584220

Ion Ratio Lower Upper

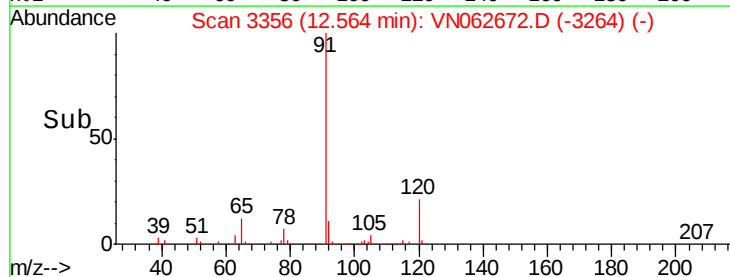
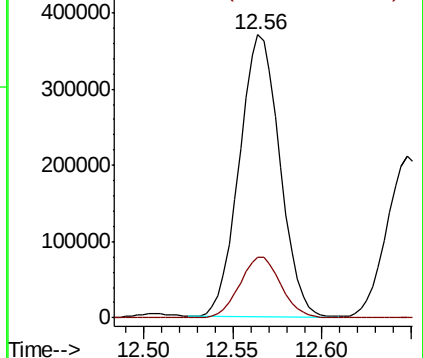
91 100

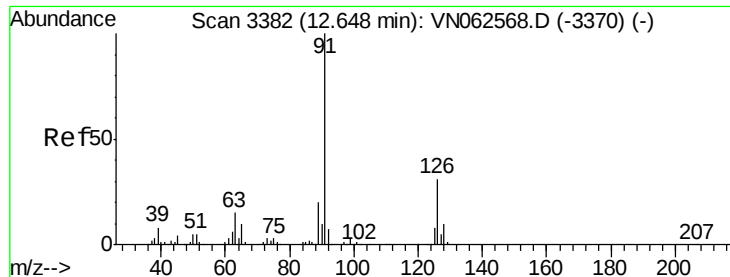
120 21.8 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.962 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

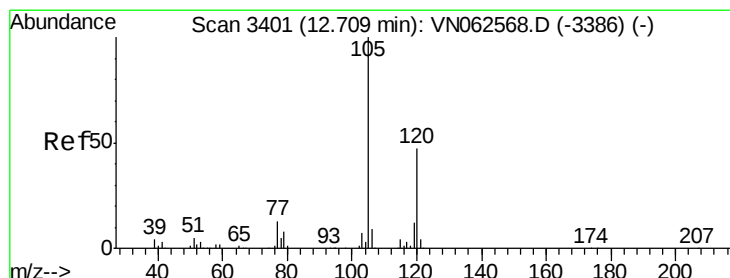
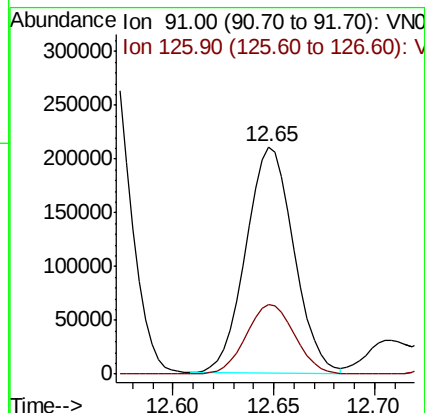
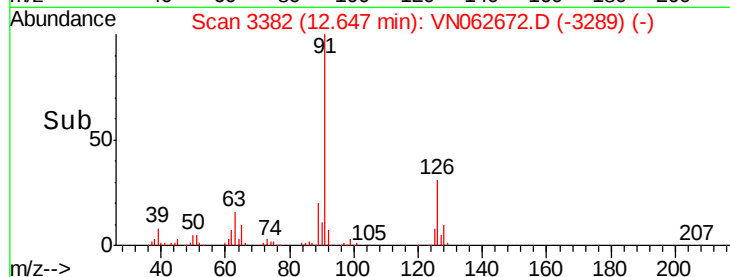
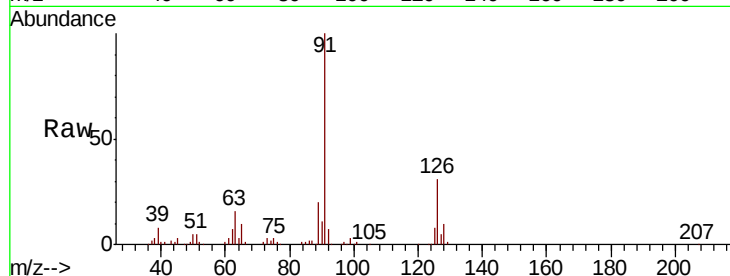
VSTDCCC050

Tot Ion: 91 Resp: 349484

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.6



#80

1,3,5-Trimethylbenzene

Concen: 54.688 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062672.D

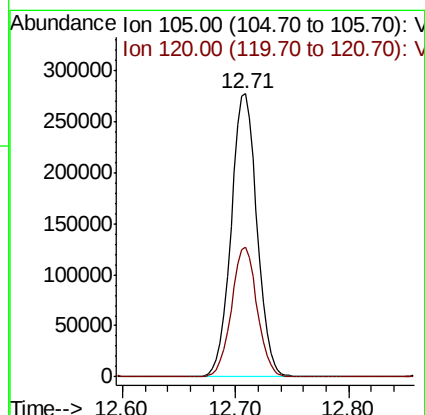
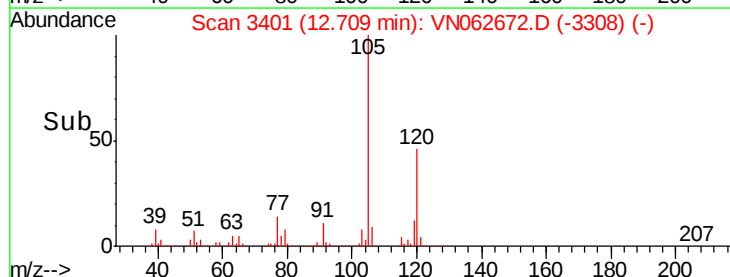
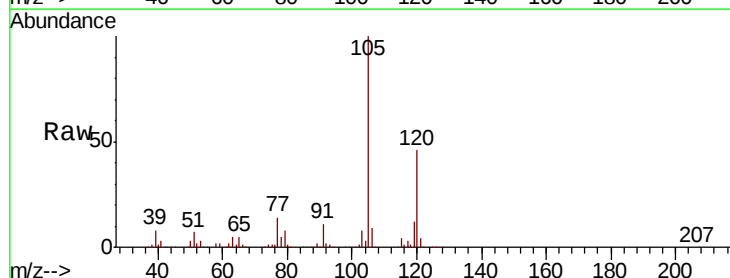
Acq: 31 Jul 2020 9:14

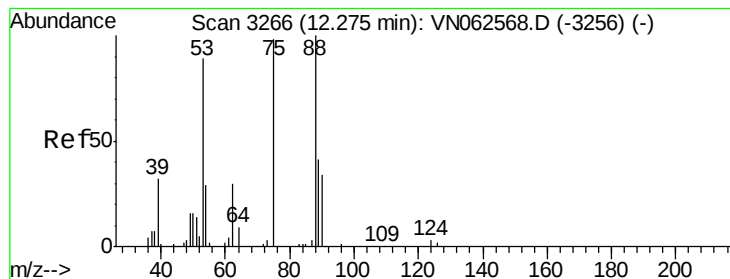
Tgt Ion: 105 Resp: 439566

Ion Ratio Lower Upper

105 100

120 45.5 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.958 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

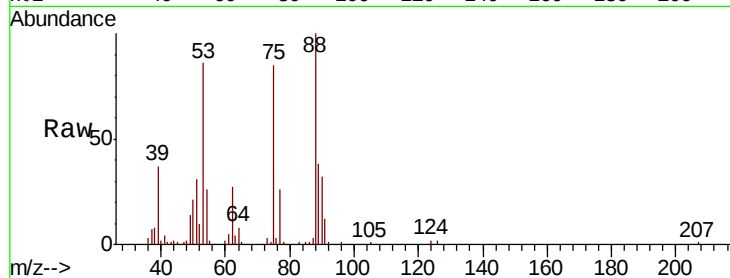
Tot Ion: 75 Resp: 54858

Ion Ratio Lower Upper

75 100

53 101.9 75.4 113.0

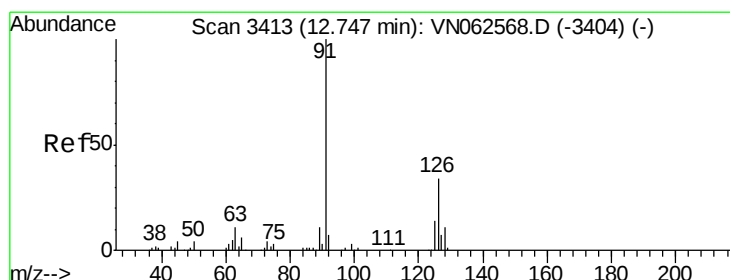
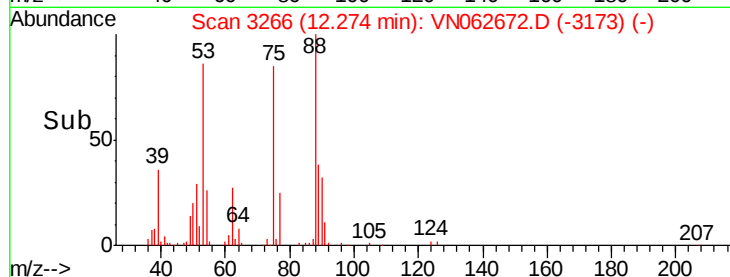
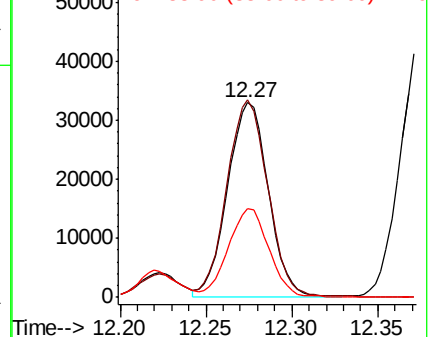
89 45.0 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 50.865 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062672.D

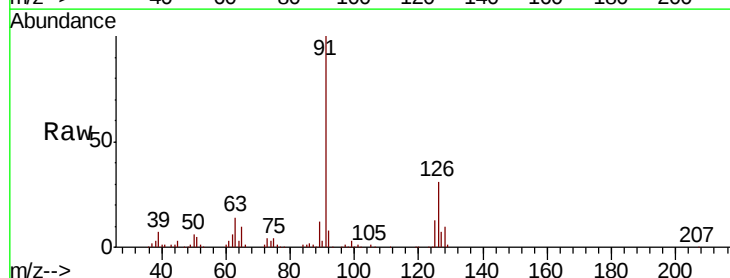
Acq: 31 Jul 2020 9:14

Tgt Ion: 91 Resp: 370345

Ion Ratio Lower Upper

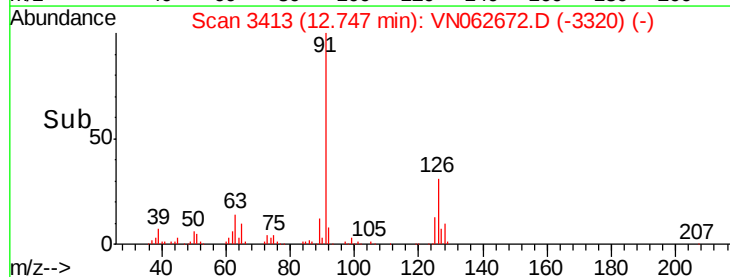
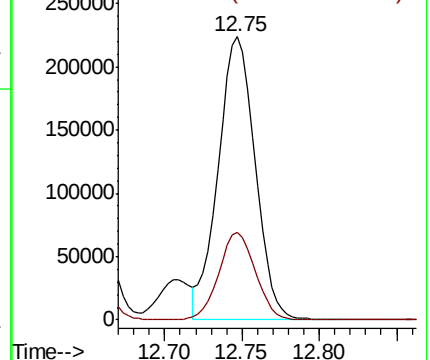
91 100

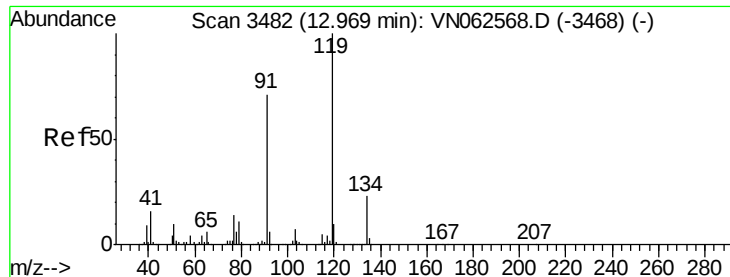
126 30.7 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

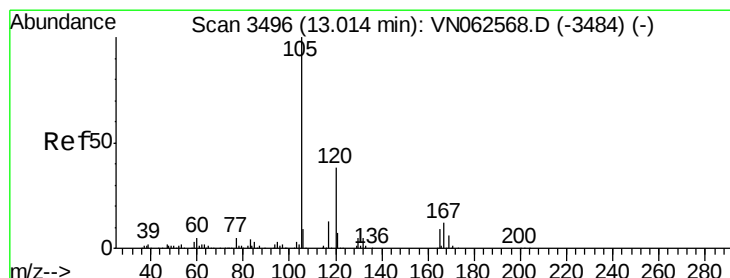
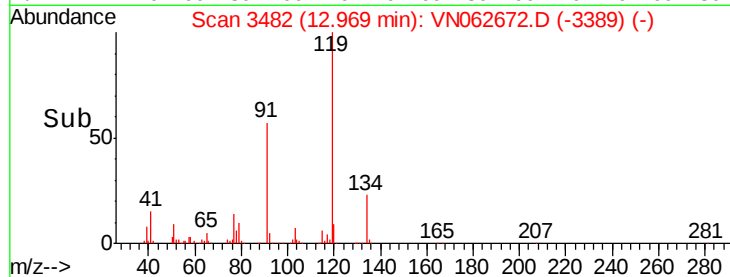
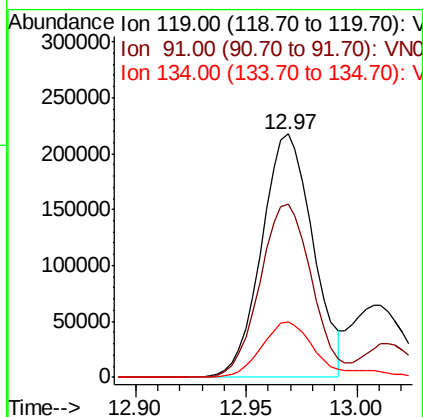
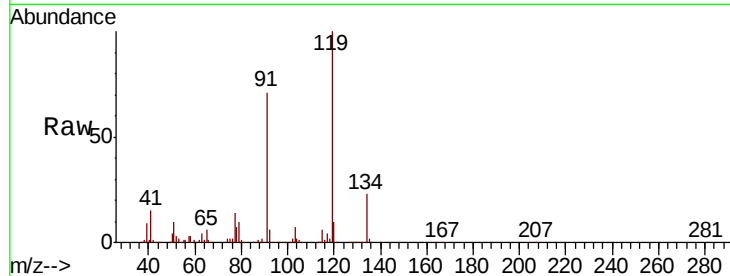




#83
 tert-Butylbenzene
 Concen: 52.483 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

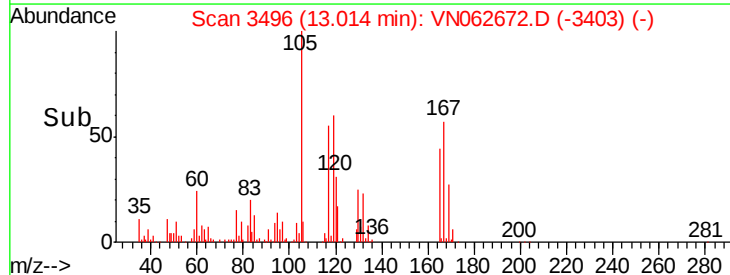
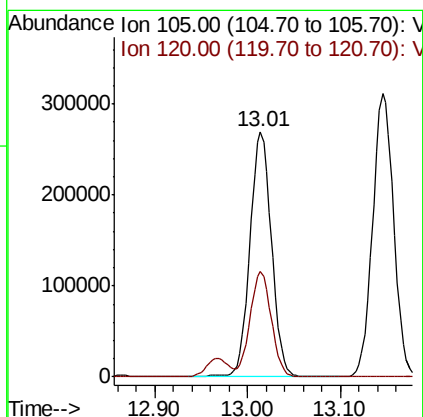
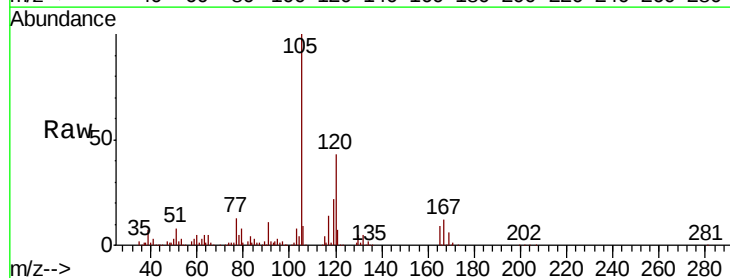
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

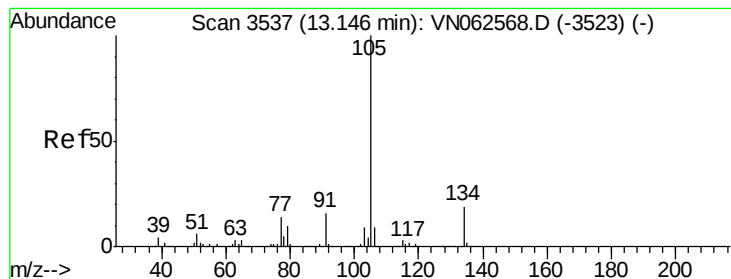
Tot Ion:119 Resp: 350283
 Ion Ratio Lower Upper
 119 100
 91 72.2 34.6 103.8
 134 25.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 55.020 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Tgt Ion:105 Resp: 433828
 Ion Ratio Lower Upper
 105 100
 120 42.3 22.1 66.3





#85

sec-Butylbenzene

Concen: 54.697 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

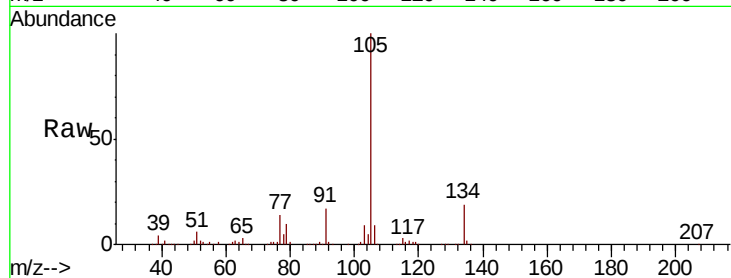
VSTDCCC050

Tot Ion:105 Resp: 488733

Ion Ratio Lower Upper

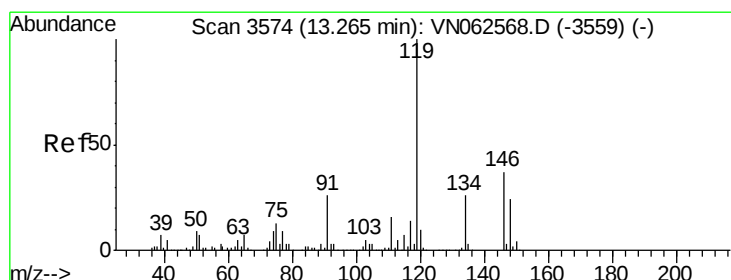
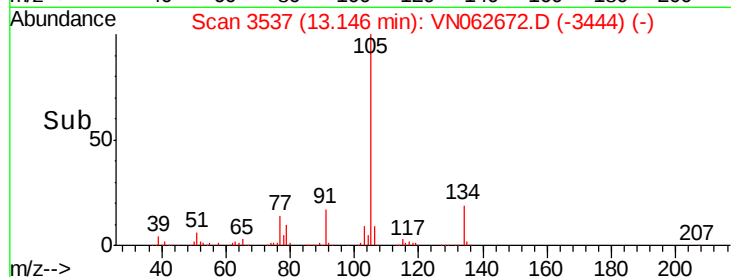
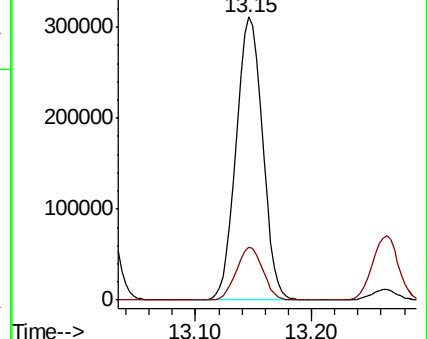
105 100

134 18.8 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.475 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

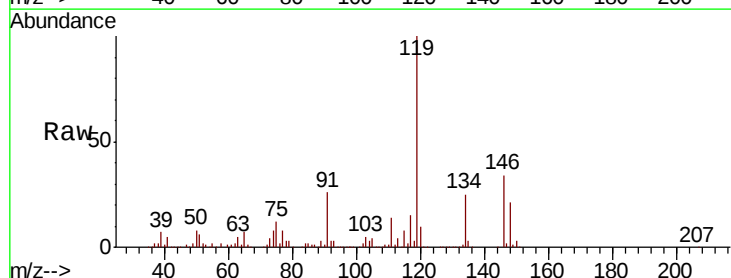
Tgt Ion:119 Resp: 449390

Ion Ratio Lower Upper

119 100

134 24.7 12.8 38.4

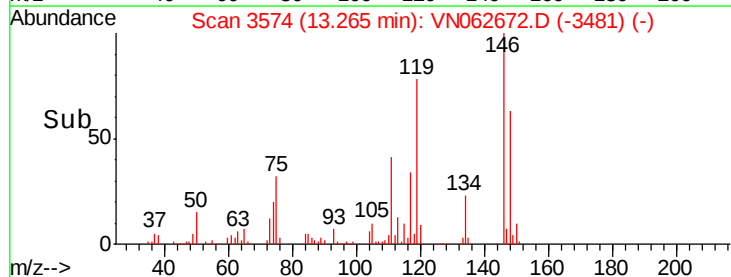
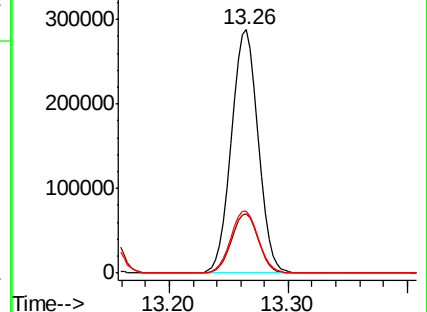
91 26.1 12.7 38.1

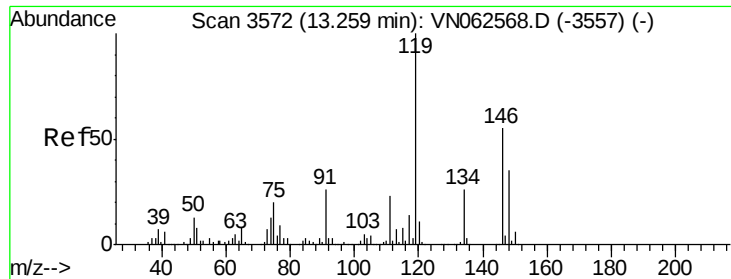


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

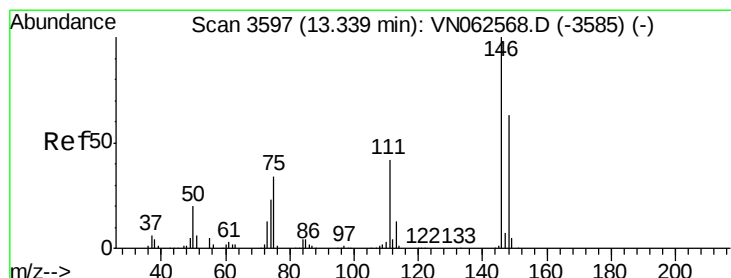
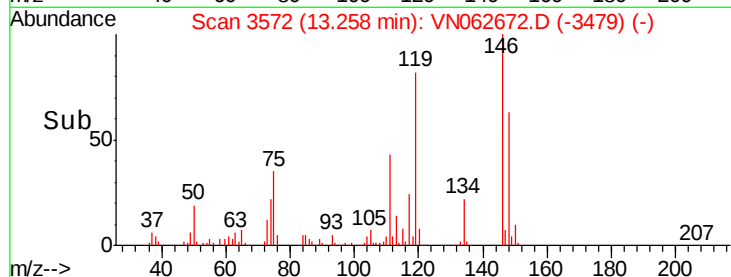
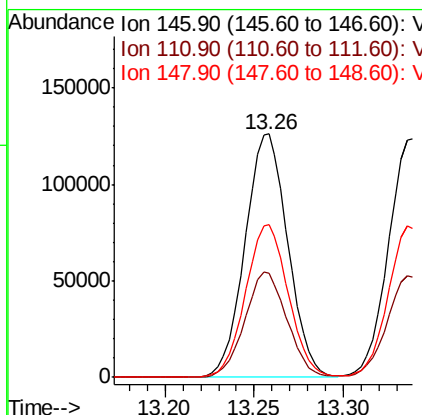
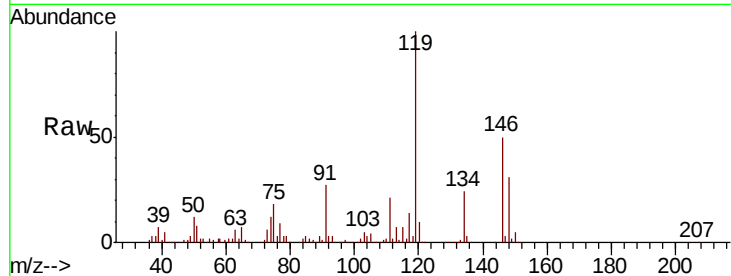




#87
 1,3-Dichlorobenzene
 Concen: 51.844 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

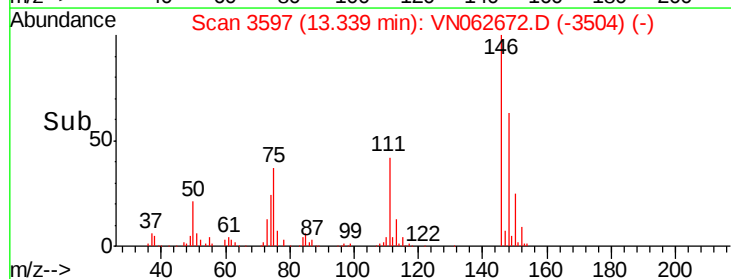
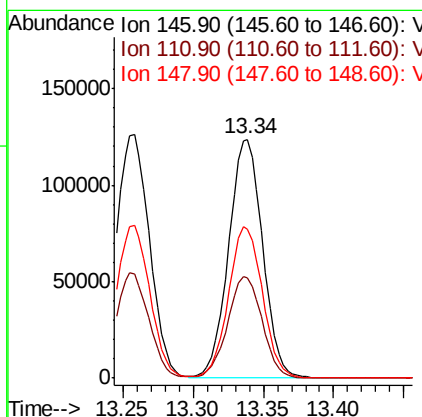
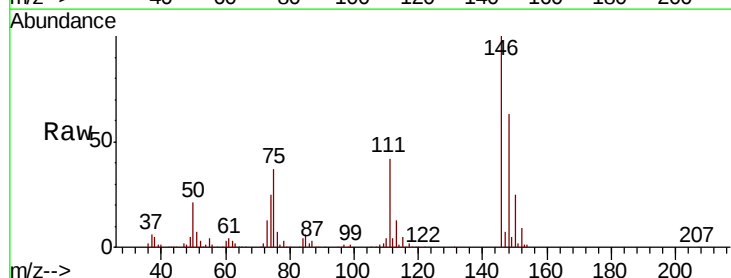
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

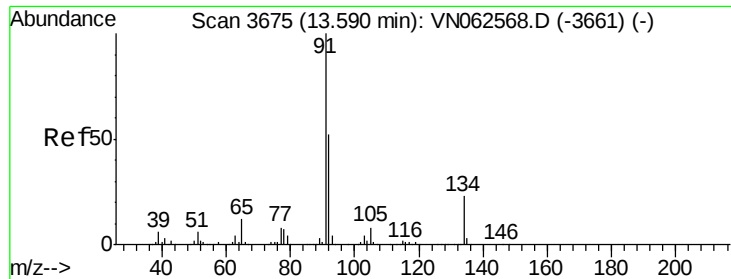
Tot Ion:146 Resp: 211856
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.6 64.6
 148 62.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 51.654 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Tgt Ion:146 Resp: 207789
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.1 63.1
 148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 57.467 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

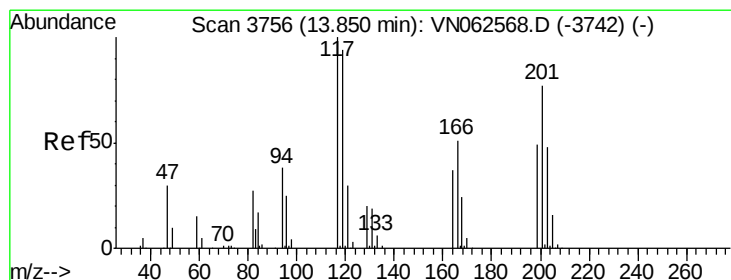
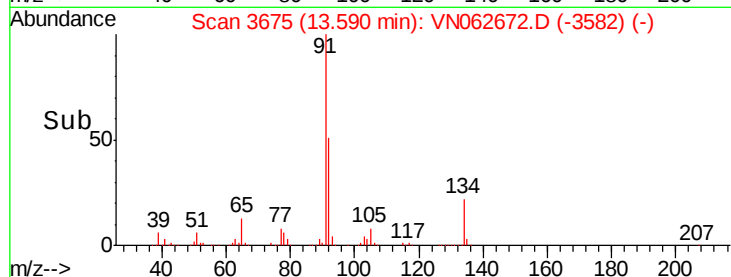
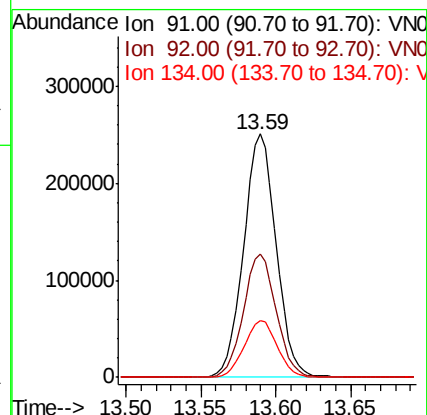
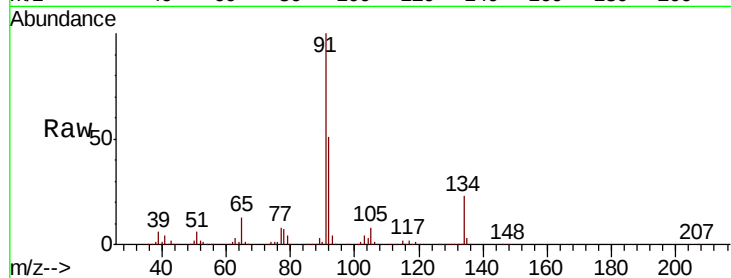
Tot Ion: 91 Resp: 379473

Ion Ratio Lower Upper

91 100

92 51.0 25.8 77.3

134 23.7 11.8 35.3



#90

Hexachloroethane

Concen: 51.150 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062672.D

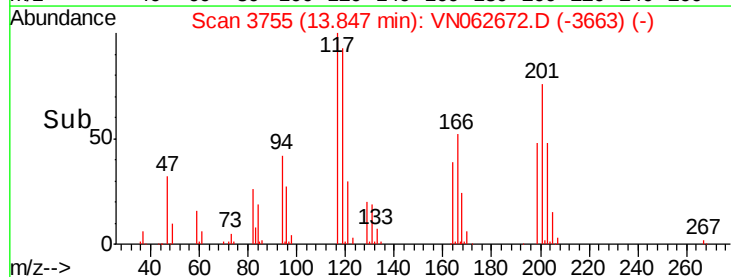
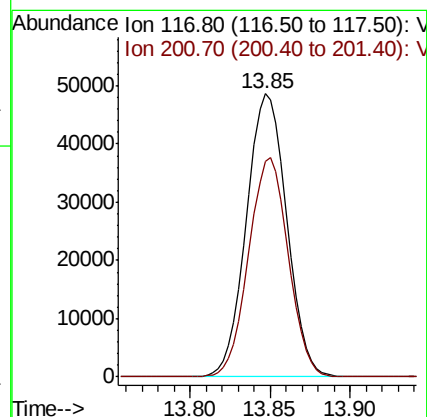
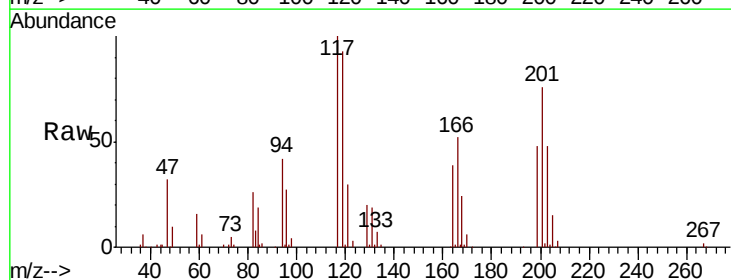
Acq: 31 Jul 2020 9:14

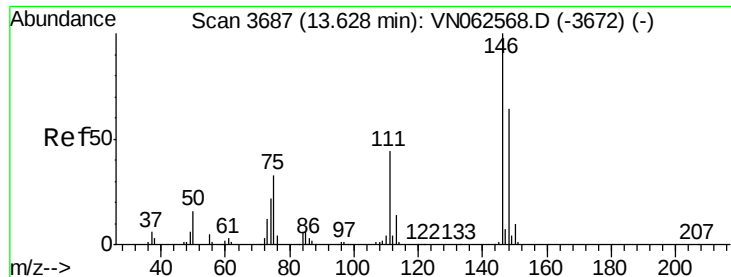
Tgt Ion: 117 Resp: 83681

Ion Ratio Lower Upper

117 100

201 76.1 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 50.736 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

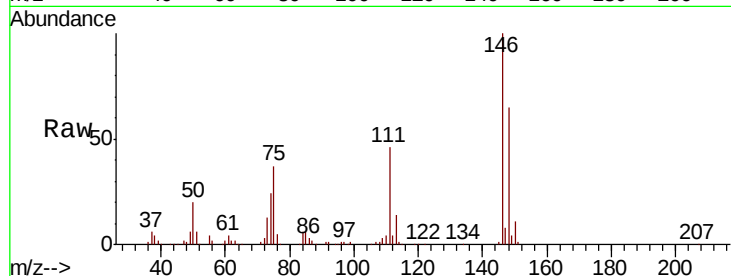
Tot Ion:146 Resp: 198248

Ion Ratio Lower Upper

146 100

111 45.7 21.9 65.8

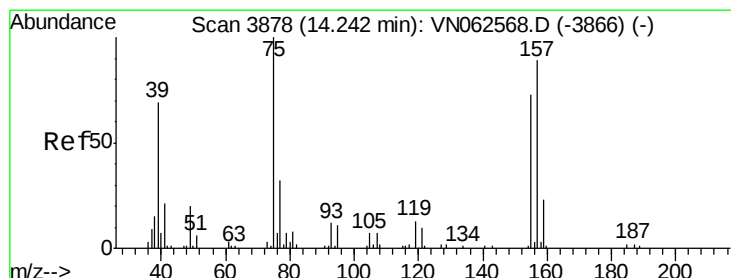
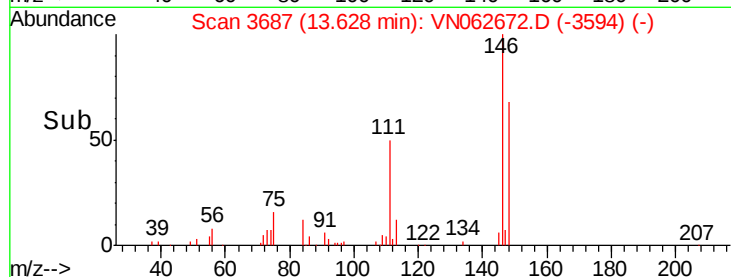
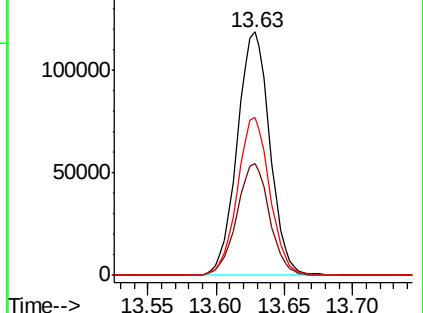
148 64.2 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.256 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062672.D

Acq: 31 Jul 2020 9:14

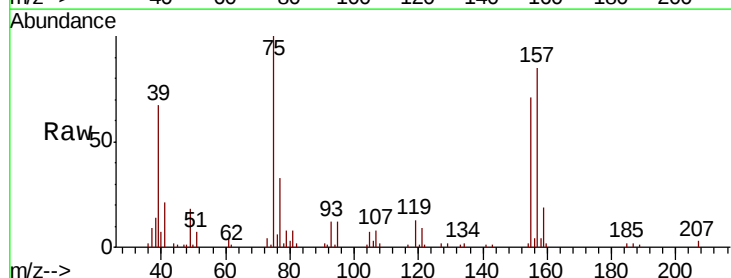
Tgt Ion: 75 Resp: 31947

Ion Ratio Lower Upper

75 100

155 69.5 35.9 107.5

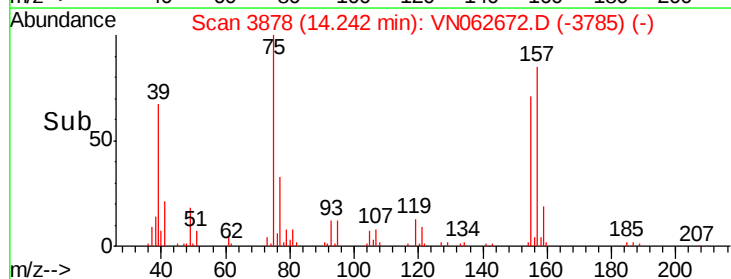
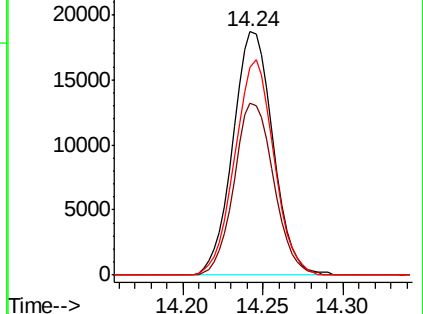
157 86.2 45.0 135.0

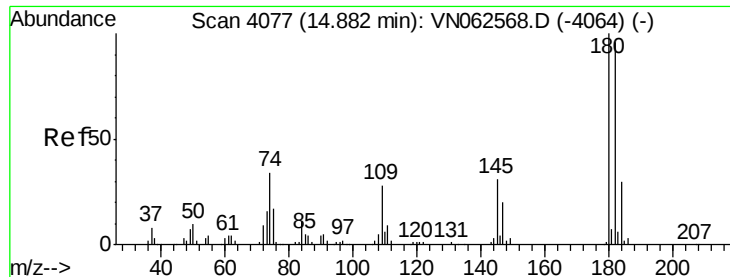


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

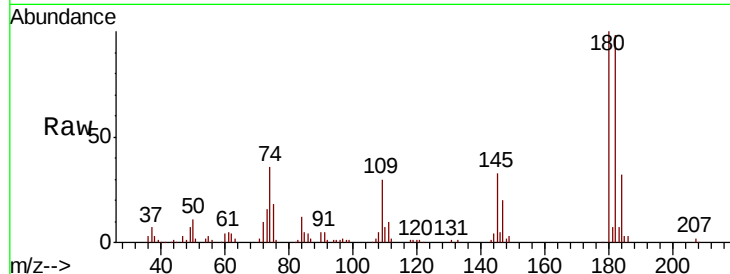




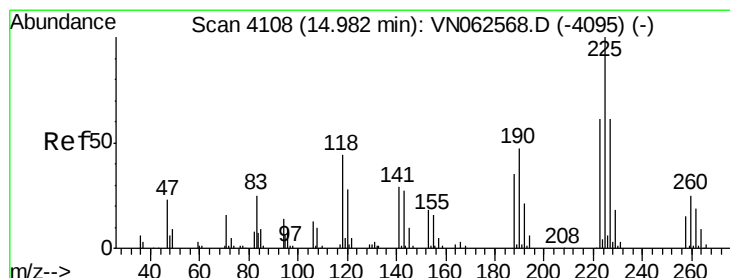
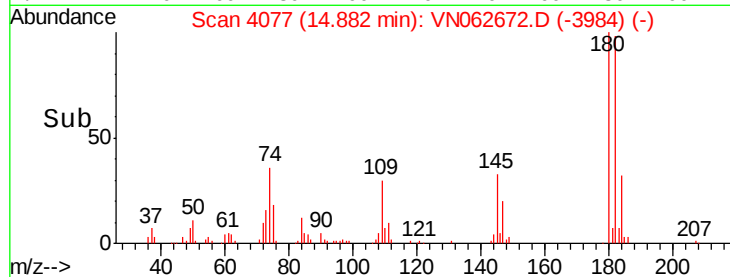
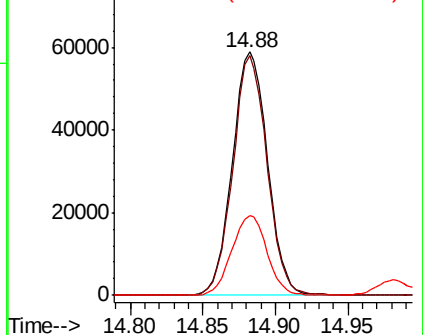
#93
 1,2,4-Trichlorobenzene
 Concen: 48.389 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 99195
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.8 143.3
 145 32.8 15.3 45.9

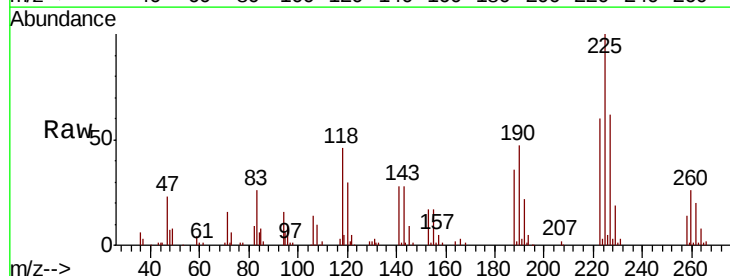


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

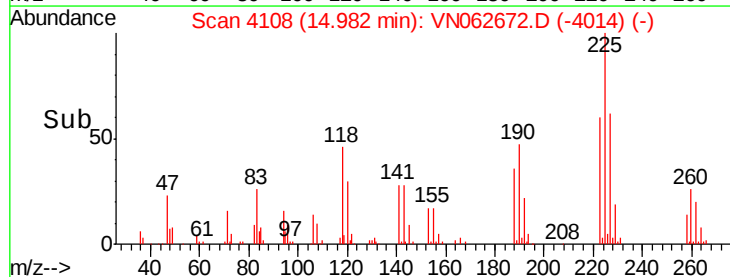
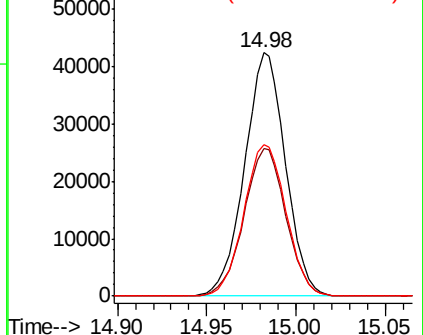


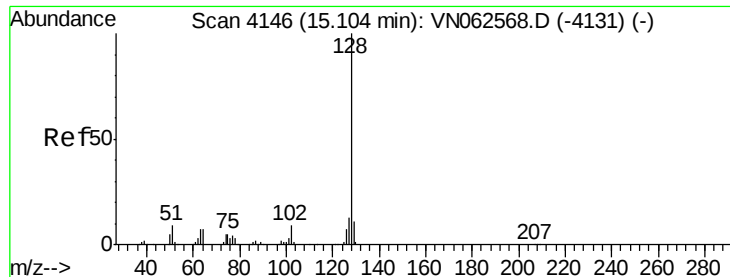
#94
 Hexachlorobutadiene
 Concen: 64.464 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062672.D
 Acq: 31 Jul 2020 9:14

Tgt Ion:225 Resp: 68010
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.0 96.0
 227 64.2 31.1 93.2



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

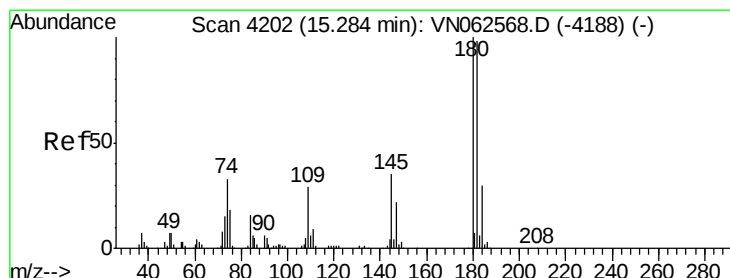
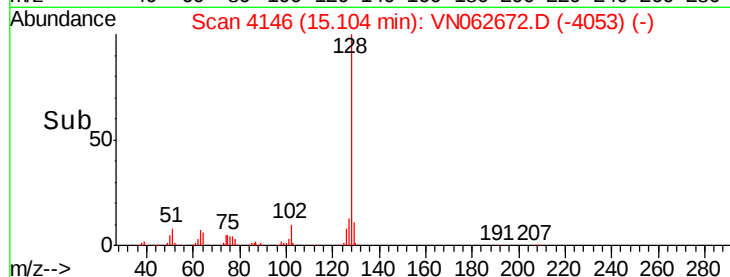
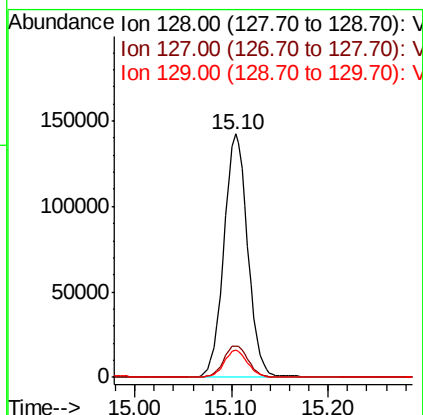
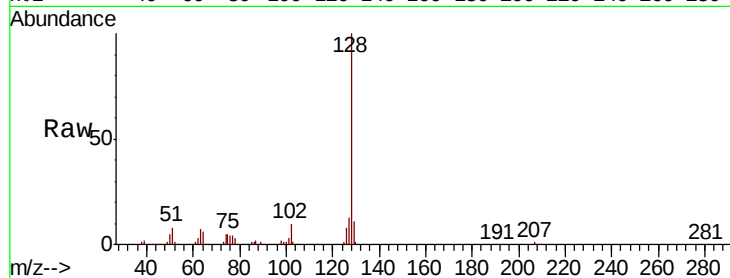




#95
Naphthalene
Concen: 45.079 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 243486
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.860 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062672.D
Acq: 31 Jul 2020 9:14

Tgt Ion:180 Resp: 99179
Ion Ratio Lower Upper
180 100
182 97.1 48.1 144.3
145 34.5 16.7 50.1

