

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062017.D
 Acq On : 22 Jun 2020 23:32
 Operator : JC/MD
 Sample : VN0622WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Quant Time: Jun 23 05:22:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	153357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	268846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	244829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110550	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	113639	55.25	ug/l	0.00
Spiked Amount			Recovery	=	110.50%	
35) Dibromofluoromethane	7.55	113	93603	54.42	ug/l	0.00
Spiked Amount			Recovery	=	108.84%	
50) Toluene-d8	10.06	98	343409	50.79	ug/l	0.00
Spiked Amount			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.38	95	114357	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	35601	18.029	ug/l	95
3) Chloromethane	2.03	50	38039	17.870	ug/l	99
4) Vinyl Chloride	2.16	62	45810	18.052	ug/l	100
5) Bromomethane	2.53	94	32690	16.775	ug/l	98
6) Chloroethane	2.67	64	32368	18.847	ug/l	100
7) Trichlorofluoromethane	2.98	101	56876	18.764	ug/l	98
8) Diethyl Ether	3.37	74	20612	20.227	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29653	19.068	ug/l	99
10) Methyl Iodide	3.91	142	32579	20.831	ug/l	99
11) Tert butyl alcohol	4.73	59	30940	108.710	ug/l	99
12) 1,1-Dichloroethene	3.69	96	29245	18.769	ug/l	95
13) Acrolein	3.56	56	12417	72.996	ug/l	99
14) Allyl chloride	4.27	41	40021	19.352	ug/l	98
15) Acrylonitrile	4.93	53	78949	111.949	ug/l	99
16) Acetone	3.78	43	63084	103.838	ug/l	99
17) Carbon Disulfide	4.00	76	66414	14.567	ug/l	99
18) Methyl Acetate	4.28	43	39564	22.620	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	107156	20.654	ug/l	97
20) Methylene Chloride	4.51	84	37234	18.812	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	31459	17.577	ug/l	98
22) Diisopropyl ether	5.90	45	98644	20.856	ug/l	98
23) Vinyl Acetate	5.84	43	378942	101.868	ug/l	98
24) 1,1-Dichloroethane	5.80	63	62333	20.132	ug/l	99
25) 2-Butanone	6.79	43	97631	110.146	ug/l	98
26) 2,2-Dichloropropane	6.78	77	44869	17.225	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	39040	18.905	ug/l	97
28) Bromochloromethane	7.15	49	27808	20.172	ug/l	93
29) Tetrahydrofuran	7.17	42	63277	108.475	ug/l	99
30) Chloroform	7.33	83	64260	19.420	ug/l	99
31) Cyclohexane	7.61	56	44903	16.567	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	52309	18.562	ug/l	99
36) 1,1-Dichloropropene	7.75	75	42750	17.433	ug/l	99
37) Ethyl Acetate	6.88	43	43317	22.621	ug/l	99
38) Carbon Tetrachloride	7.73	117	44090	18.156	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	44402	16.816	ug/l	98
40) Benzene	8.00	78	140663	18.936	ug/l	98
41) Methacrylonitrile	7.17	41	59260	72.371	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	50768	20.044	ug/l	98
43) Isopropyl Acetate	8.13	43	68206	21.136	ug/l #	91
44) Trichloroethene	8.80	130	35393	18.105	ug/l	99
45) 1,2-Dichloropropane	9.08	63	36622	20.062	ug/l	99
46) Dibromomethane	9.17	93	25190	19.596	ug/l	97
47) Bromodichloromethane	9.37	83	51270	19.478	ug/l	97
48) Methyl methacrylate	9.17	41	29941	20.402	ug/l	98
49) 1,4-Dioxane	9.17	88	13299	394.707	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	205980	108.013	ug/l	100
52) Toluene	10.12	92	88554	18.982	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	53896	19.288	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	58004	19.111	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	38133	20.775	ug/l	97
56) Ethyl methacrylate	10.40	69	49332	19.477	ug/l	99
57) 1,3-Dichloropropane	10.68	76	64533	20.753	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	93438	96.456	ug/l	98
59) 2-Hexanone	10.72	43	145910	104.043	ug/l	99
60) Dibromochloromethane	10.87	129	39305	19.191	ug/l	98
61) 1,2-Dibromoethane	10.98	107	36718	19.158	ug/l	99
64) Tetrachloroethene	10.60	164	29508	18.910	ug/l	98
65) Chlorobenzene	11.41	112	95163	18.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	35172	19.521	ug/l	99
67) Ethyl Benzene	11.48	91	160752	18.559	ug/l	99
68) m/p-Xylenes	11.60	106	125260	37.504	ug/l	99
69) o-Xylene	11.92	106	60561	19.004	ug/l	100
70) Styrene	11.94	104	99398	18.628	ug/l	100
71) Bromoform	12.10	173	26157	19.910	ug/l #	99
73) Isopropylbenzene	12.22	105	154684	19.690	ug/l	100
74) N-amyl acetate	12.05	43	51075	19.917	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	55349	21.671	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	66070	30.442	ug/l #	100
77) Bromobenzene	12.50	156	39538	19.949	ug/l	97
78) n-propylbenzene	12.57	91	174238	19.438	ug/l	99
79) 2-Chlorotoluene	12.65	91	106594	19.800	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	128091	19.708	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	15672	19.694	ug/l	98
82) 4-Chlorotoluene	12.75	91	107897	19.396	ug/l	99
83) tert-Butylbenzene	12.97	119	110127	19.987	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	129101	20.123	ug/l	100
85) sec-Butylbenzene	13.15	105	142676	19.784	ug/l	100
86) p-Isopropyltoluene	13.26	119	126527	19.689	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	68174	18.860	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	67397	18.215	ug/l	97
89) n-Butylbenzene	13.59	91	96765	18.030	ug/l	98
90) Hexachloroethane	13.85	117	23693	20.141	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	68685	19.737	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8807	21.240	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration

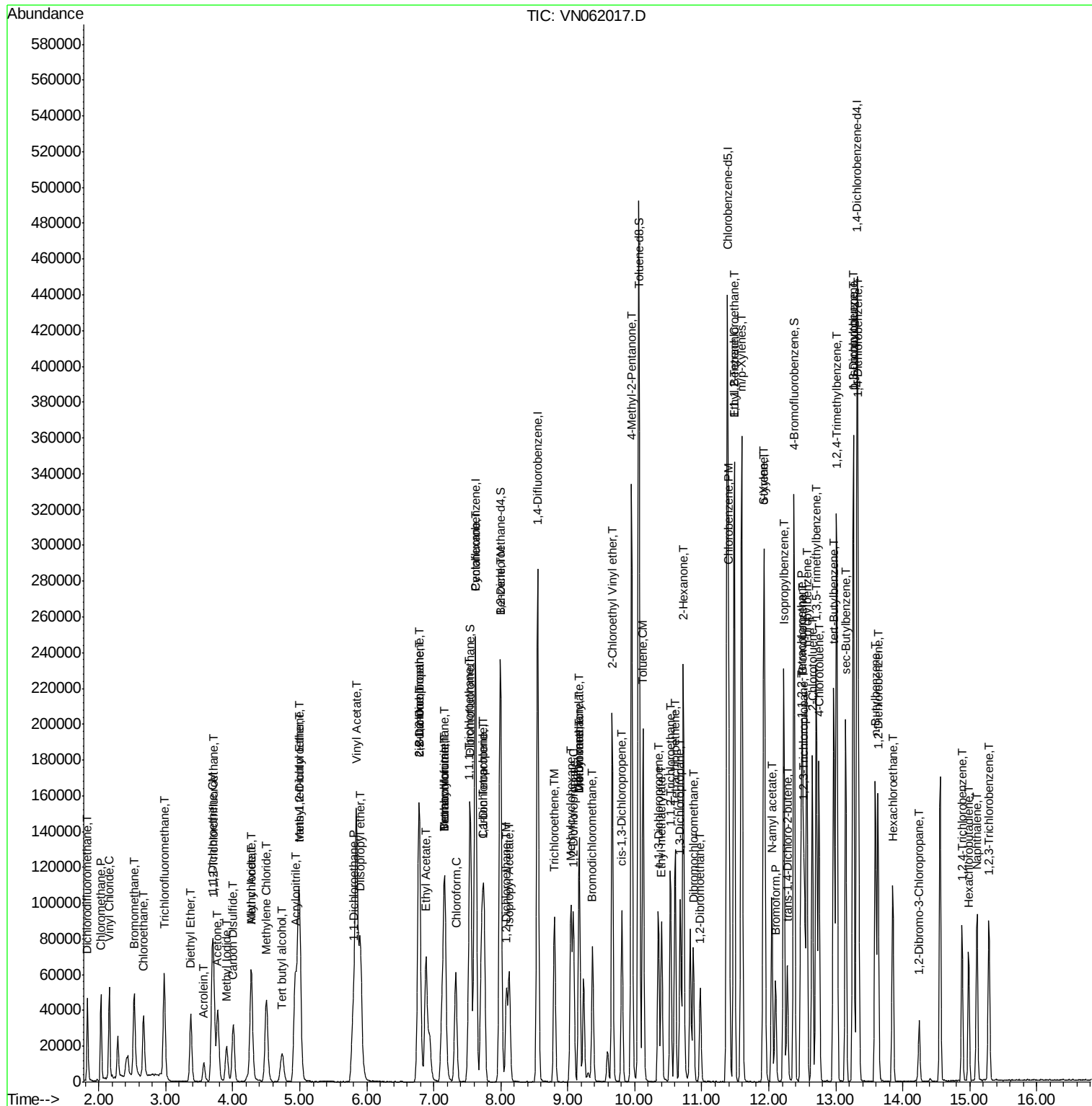
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	27992	17.046	ug/l	98
94) Hexachlorobutadiene	14.98	225	12199	18.862	ug/l	97
95) Naphthalene	15.11	128	81726	17.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	29883	18.375	ug/l	97

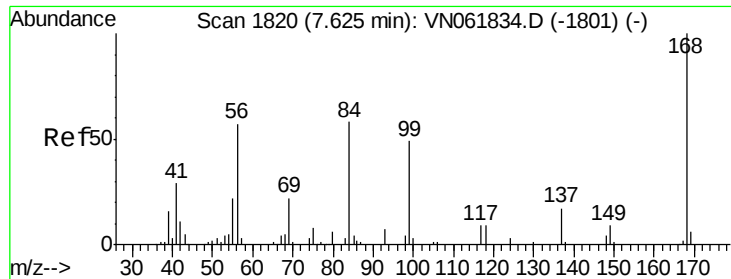
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062220\
Data File : VN062017.D
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Misc : 5.00mL/MSVOA N/WATER
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

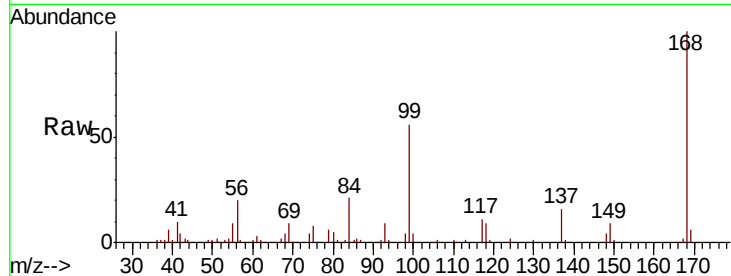
VN0622WBS02

Tot Ion:168 Resp: 153357

Ion Ratio Lower Upper

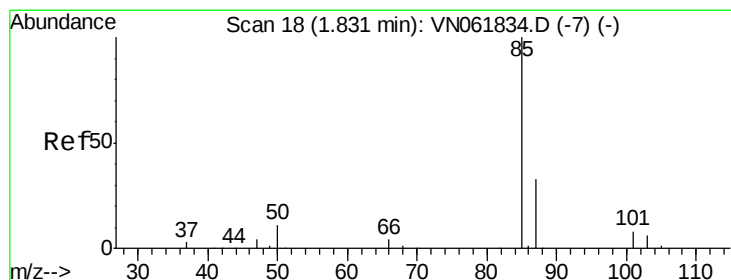
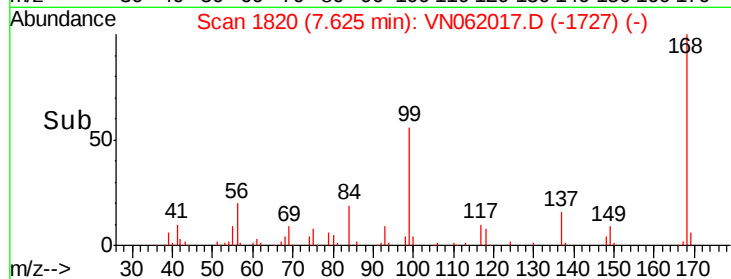
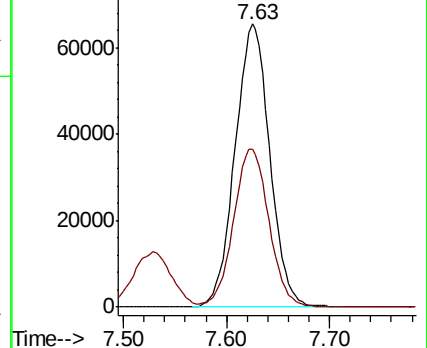
168 100

99 55.6 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.029 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062017.D

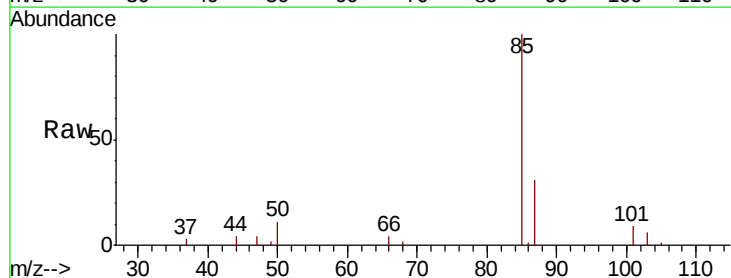
Acq: 22 Jun 2020 23:32

Tgt Ion: 85 Resp: 35601

Ion Ratio Lower Upper

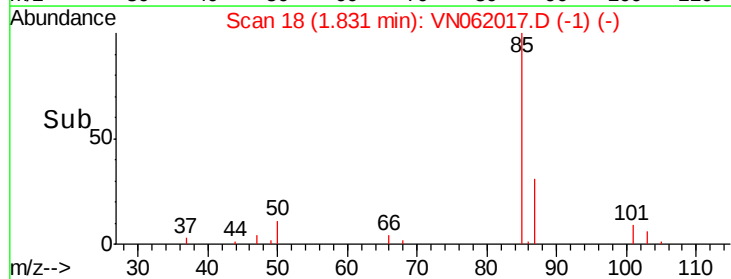
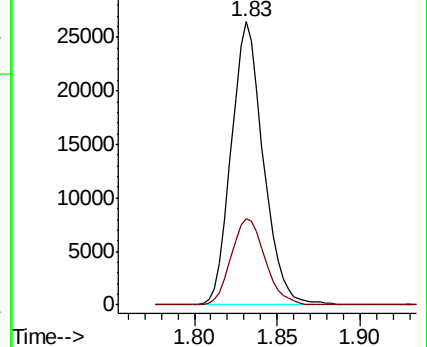
85 100

87 30.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.870 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

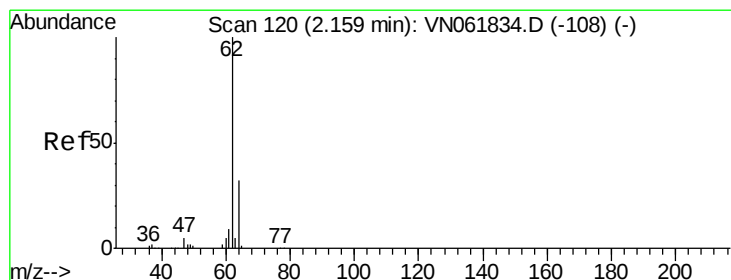
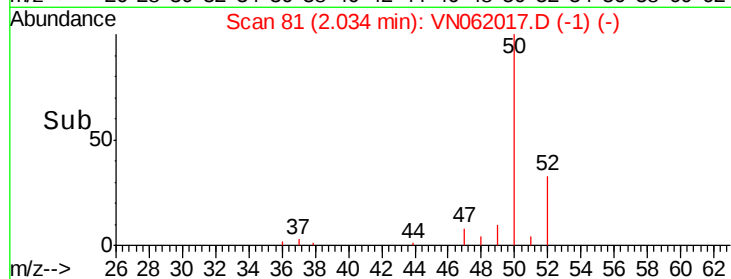
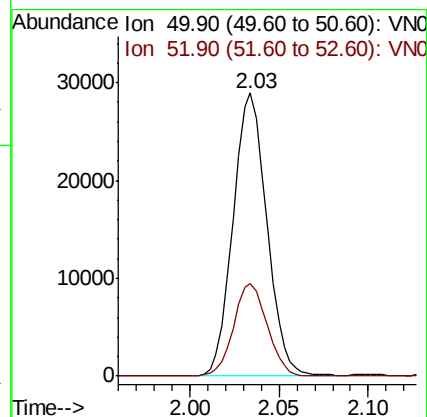
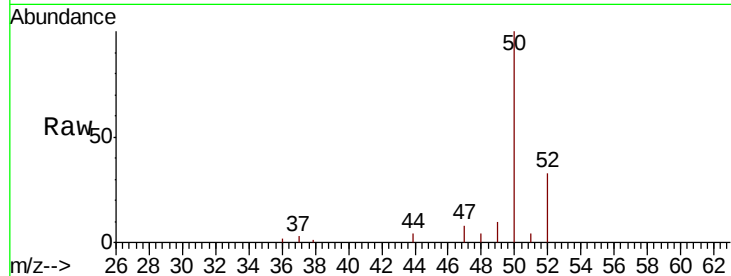
VN0622WBS02

Tot Ion: 50 Resp: 38039

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 18.052 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062017.D

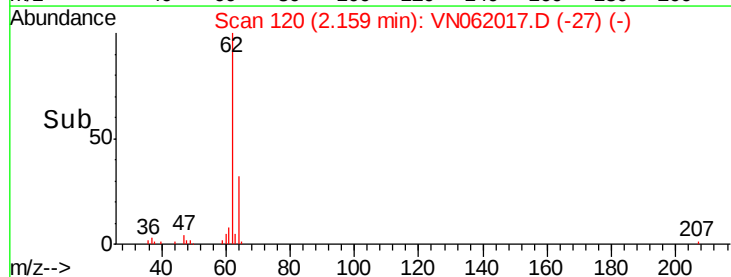
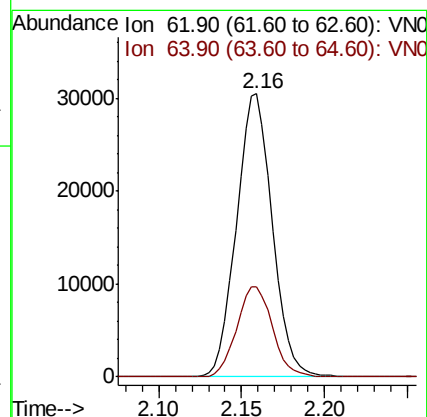
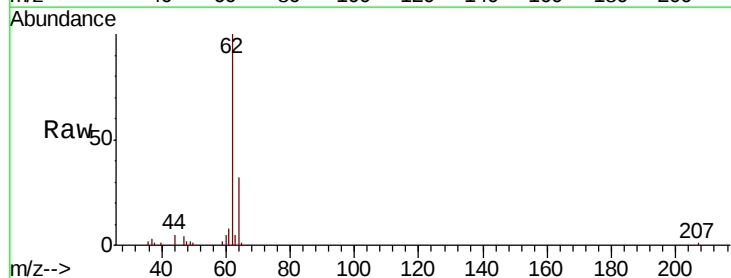
Acq: 22 Jun 2020 23:32

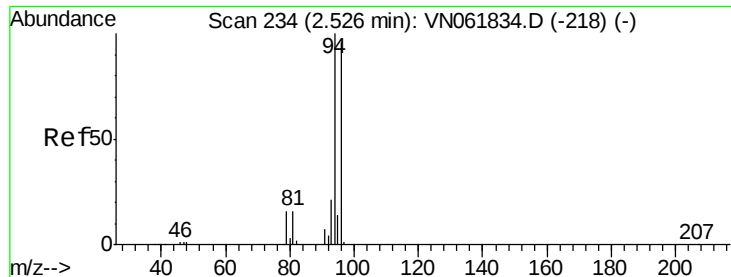
Tgt Ion: 62 Resp: 45810

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 16.775 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

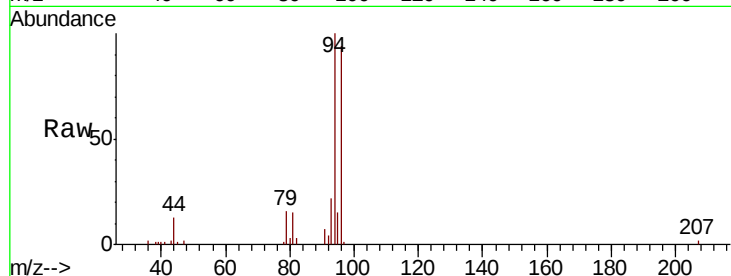
VN0622WBS02

Tot Ion: 94 Resp: 32690

Ion Ratio Lower Upper

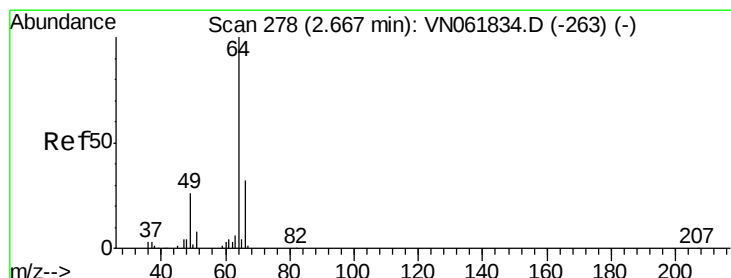
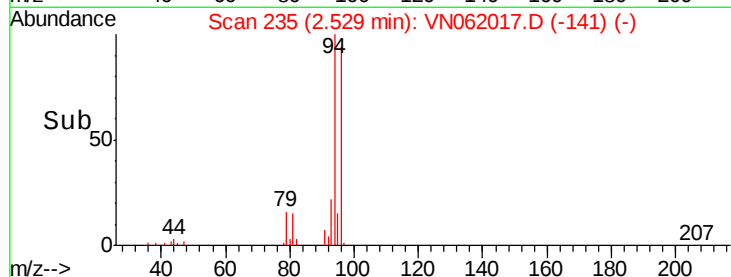
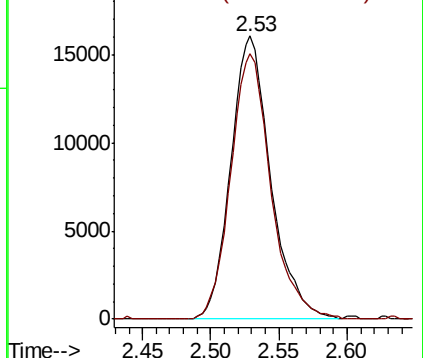
94 100

96 93.9 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.847 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN062017.D

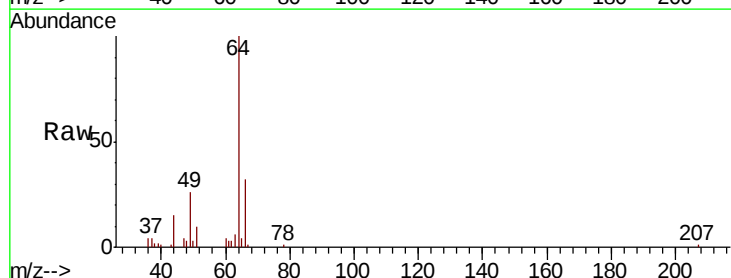
Acq: 22 Jun 2020 23:32

Tgt Ion: 64 Resp: 32368

Ion Ratio Lower Upper

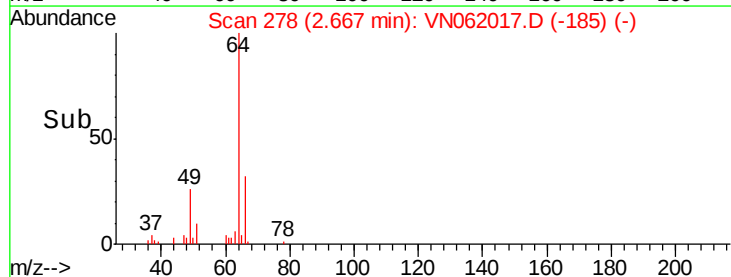
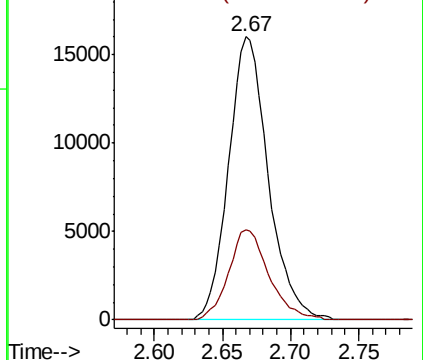
64 100

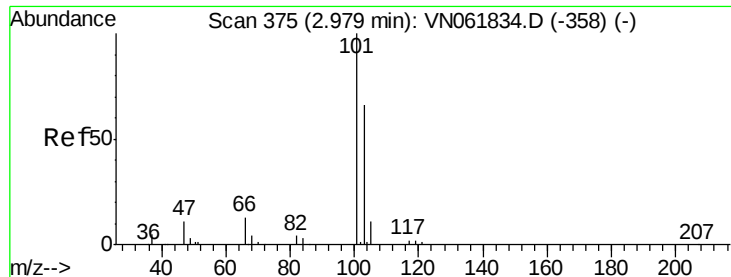
66 32.1 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



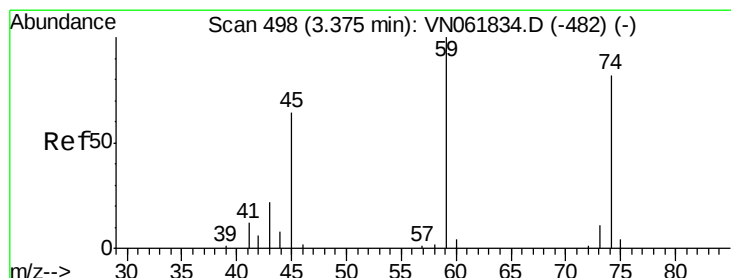
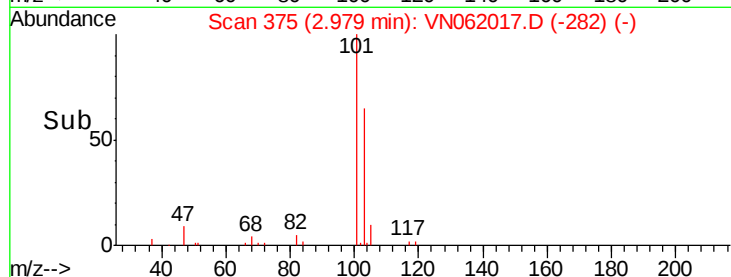
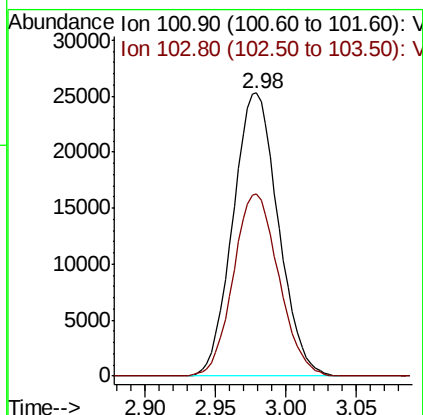
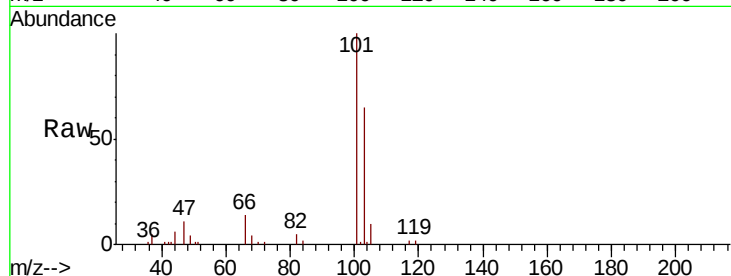


#7

Trichlorofluoromethane
Concen: 18.764 ug/l
RT: 2.98 min Scan# 375
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
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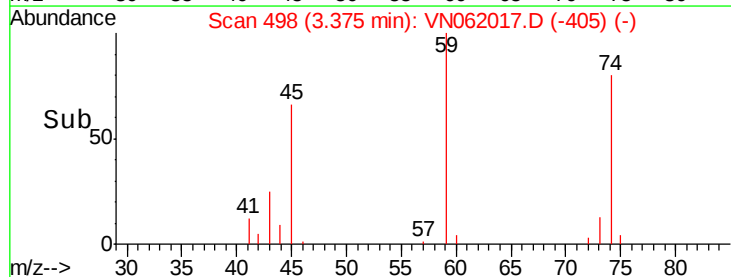
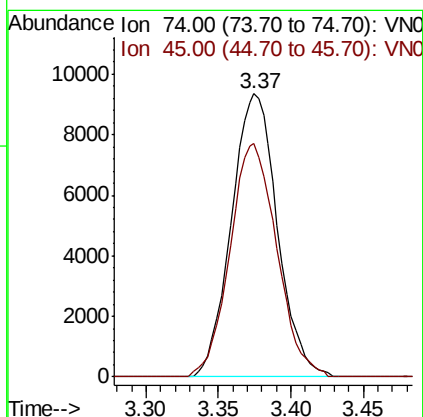
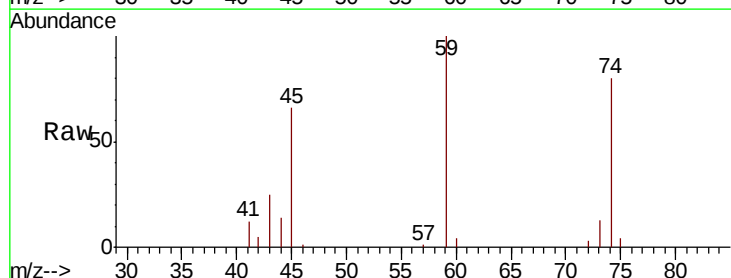
Tot Ion:101 Resp: 56876
Ion Ratio Lower Upper
101 100
103 64.6 52.8 79.2

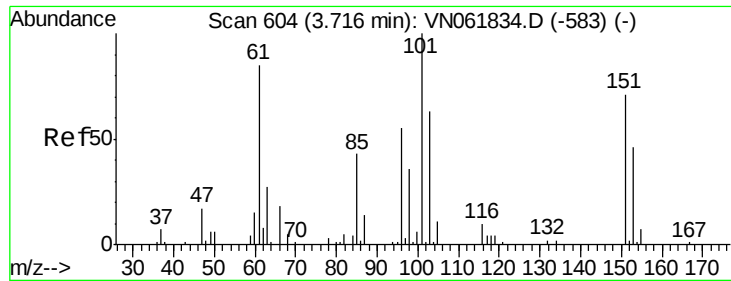


#8

Diethyl Ether
Concen: 20.227 ug/l
RT: 3.37 min Scan# 498
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 74 Resp: 20612
Ion Ratio Lower Upper
74 100
45 83.9 39.1 117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.068 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

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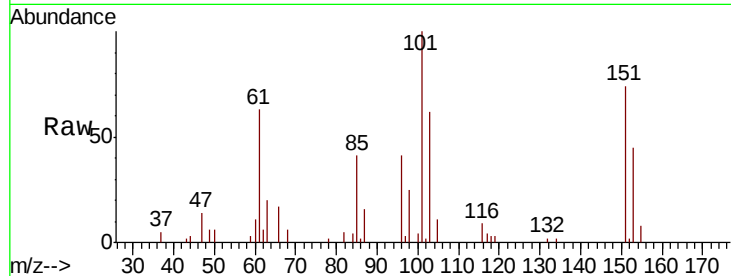
Tot Ion:101 Resp: 29653

Ion Ratio Lower Upper

101 100

85 42.3 35.0 52.6

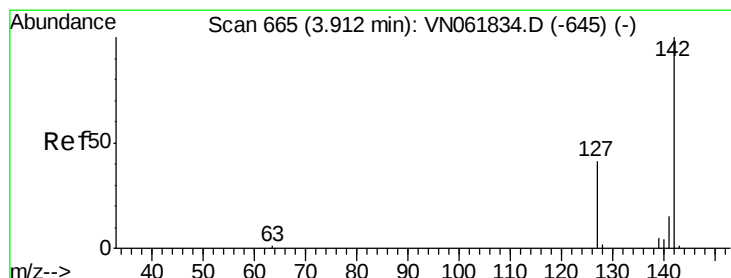
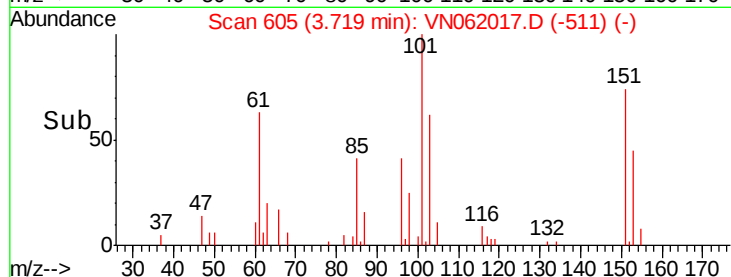
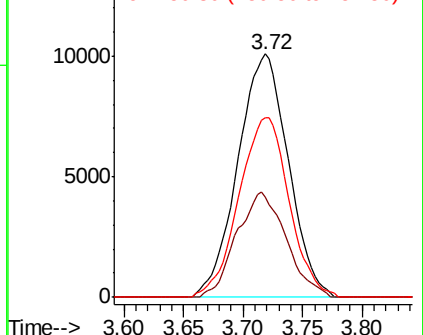
151 73.3 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.831 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

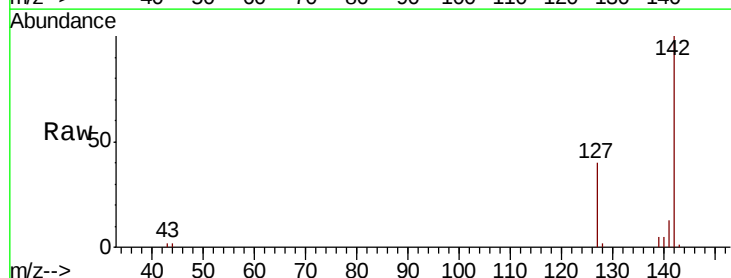
Tgt Ion:142 Resp: 32579

Ion Ratio Lower Upper

142 100

127 40.7 33.4 50.0

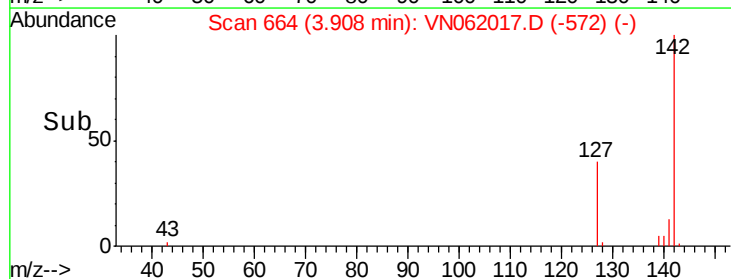
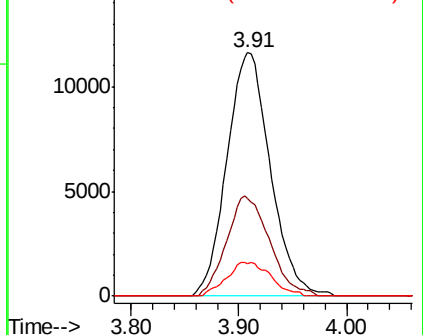
141 14.1 11.3 16.9

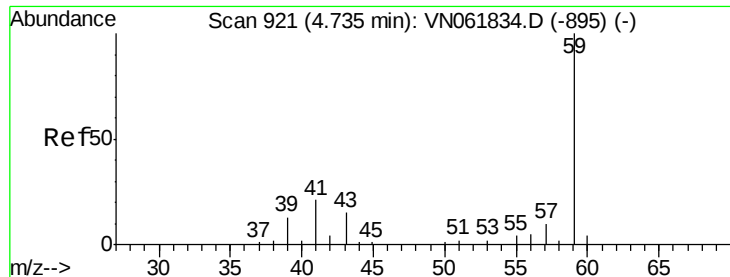


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

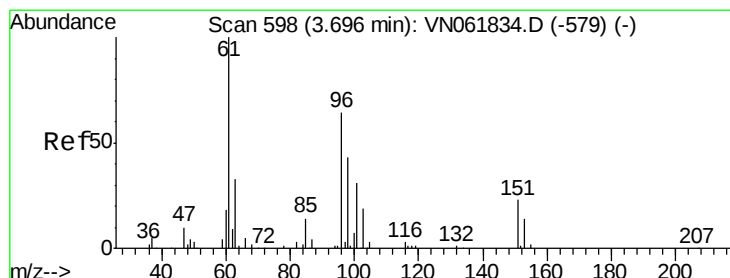
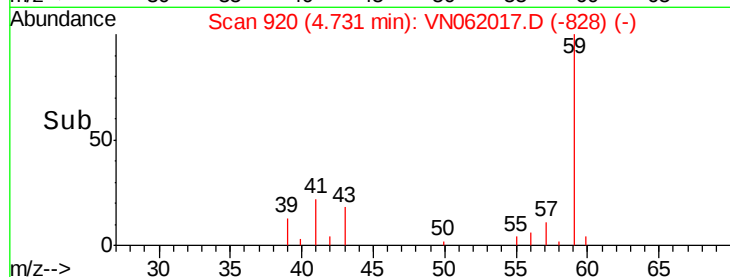
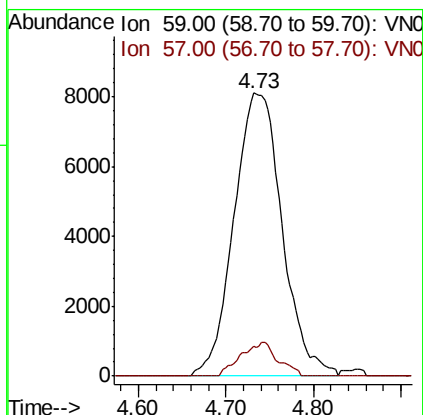
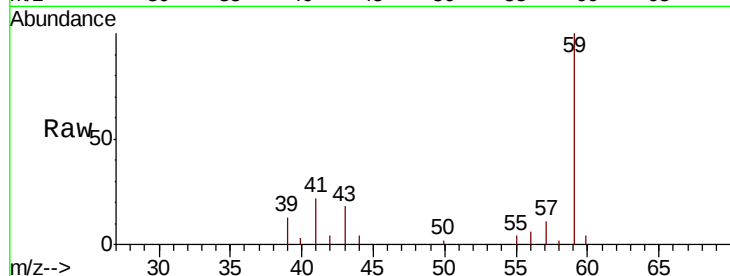




#11
Tert butyl alcohol
Concen: 108.710 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

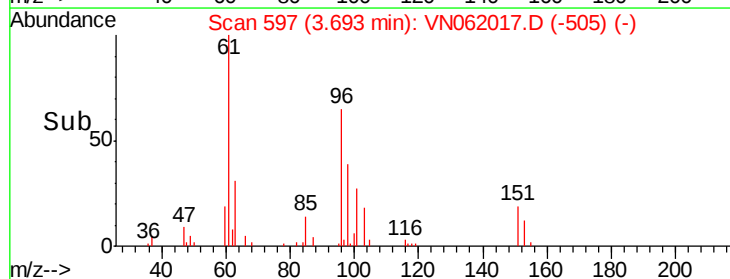
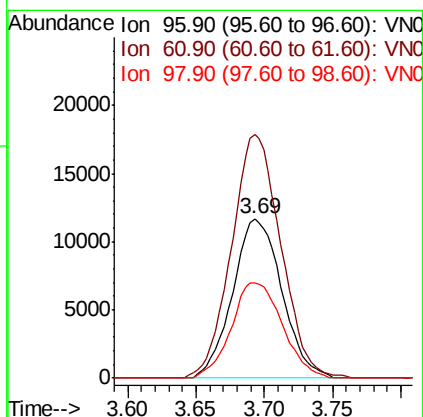
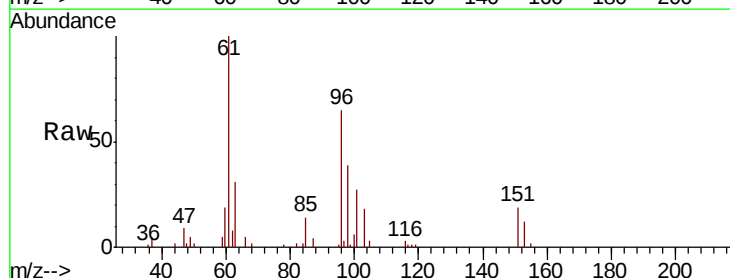
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

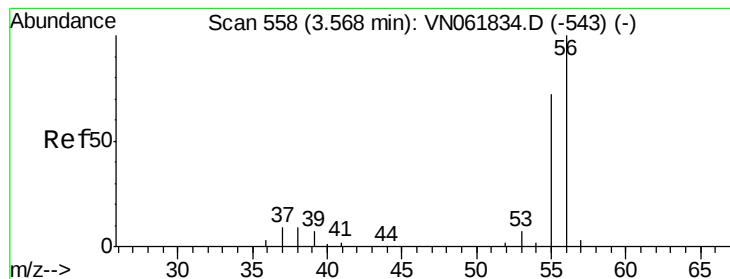
Tot Ion: 59 Resp: 30940
Ion Ratio Lower Upper
59 100
57 9.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 18.769 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 96 Resp: 29245
Ion Ratio Lower Upper
96 100
61 151.2 124.3 186.5
98 60.0 53.1 79.7





#13

Acrolein

Concen: 72.996 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

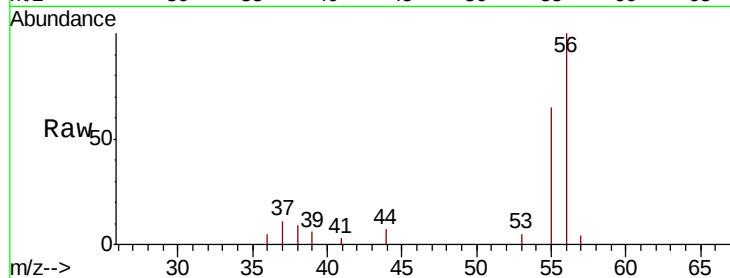
VN0622WBS02

Tot Ion: 56 Resp: 12417

Ion Ratio Lower Upper

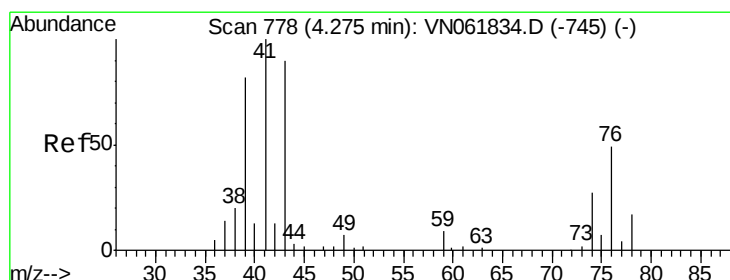
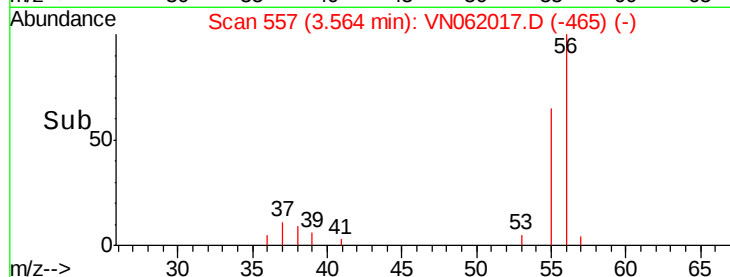
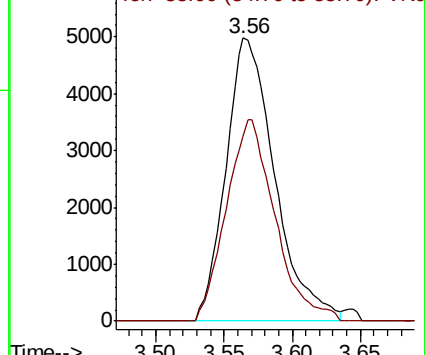
56 100

55 70.7 56.2 84.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.352 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

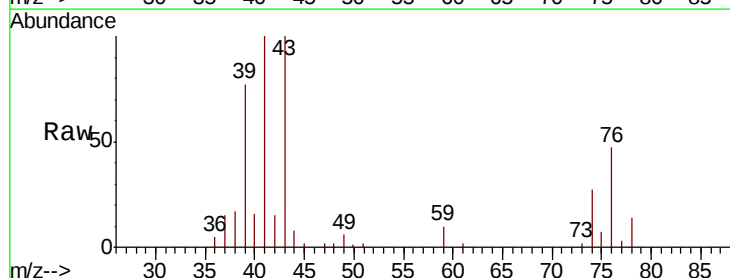
Tgt Ion: 41 Resp: 40021

Ion Ratio Lower Upper

41 100

39 75.8 60.2 90.2

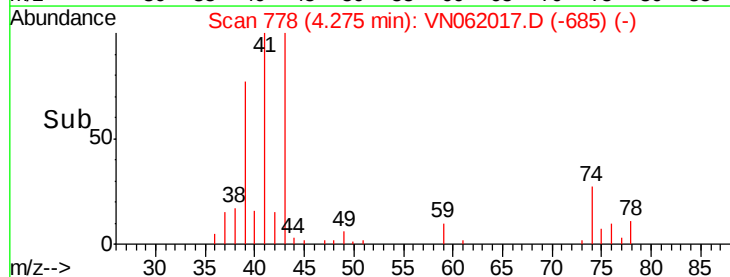
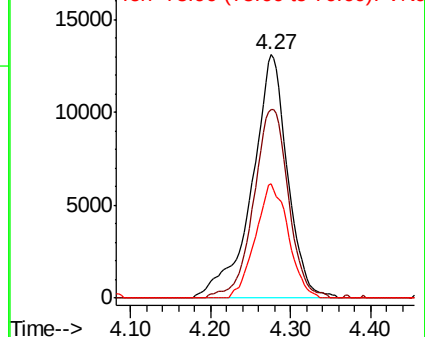
76 43.4 36.3 54.5



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 111.949 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

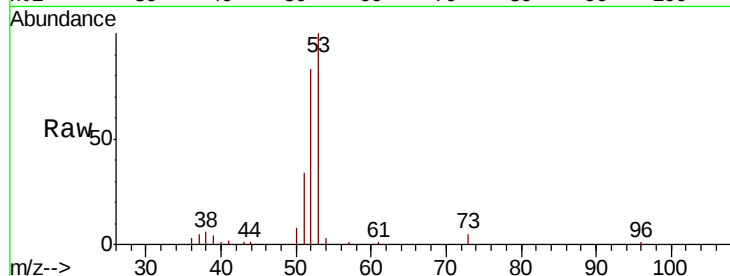
Tot Ion: 53 Resp: 78949

Ion Ratio Lower Upper

53 100

52 83.1 65.2 97.8

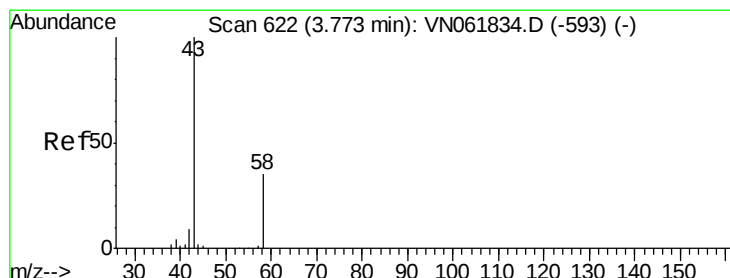
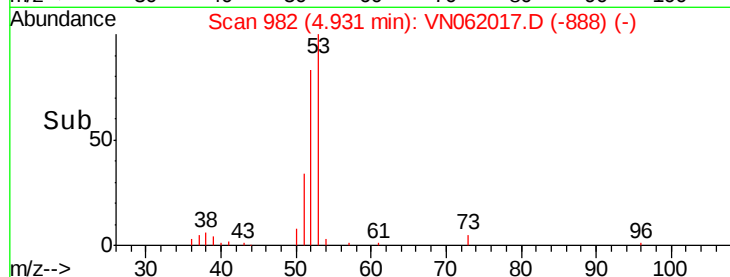
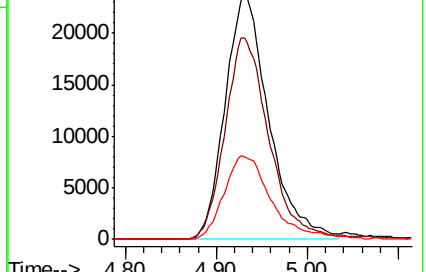
51 37.0 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VN061834.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN061834.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN061834.D (-960) (-)



#16

Acetone

Concen: 103.838 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062017.D

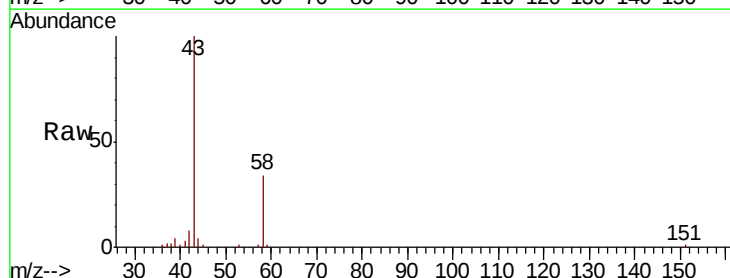
Acq: 22 Jun 2020 23:32

Tgt Ion: 43 Resp: 63084

Ion Ratio Lower Upper

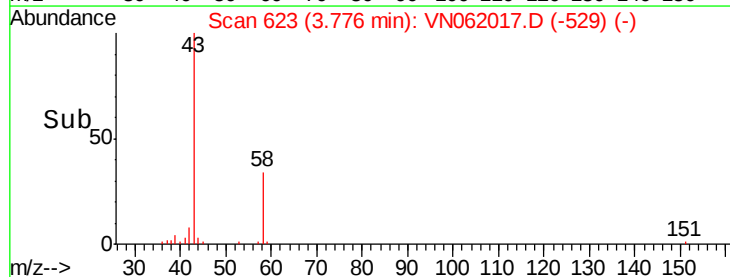
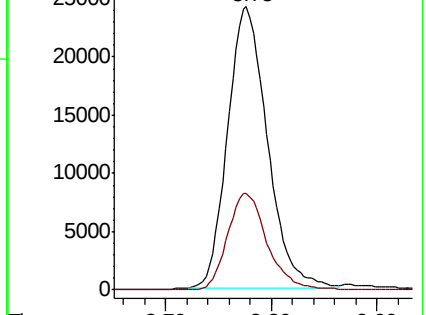
43 100

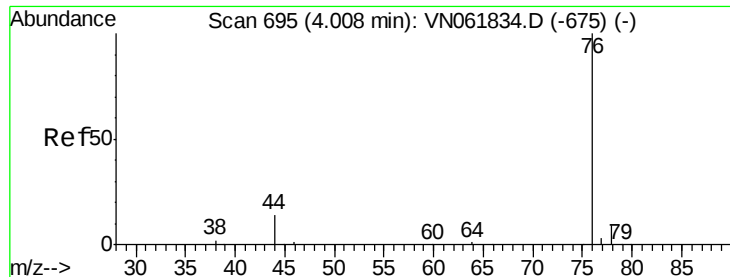
58 34.5 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

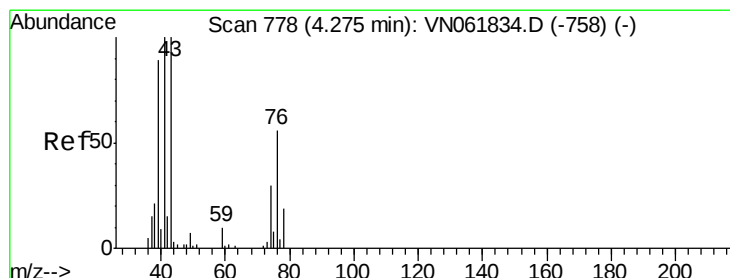
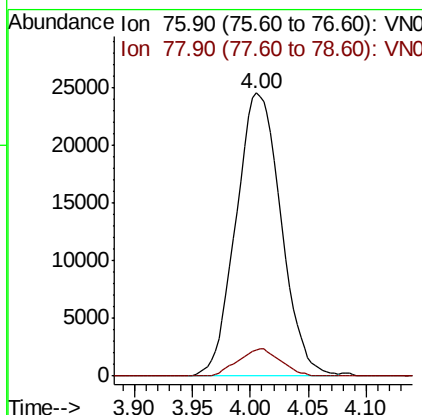
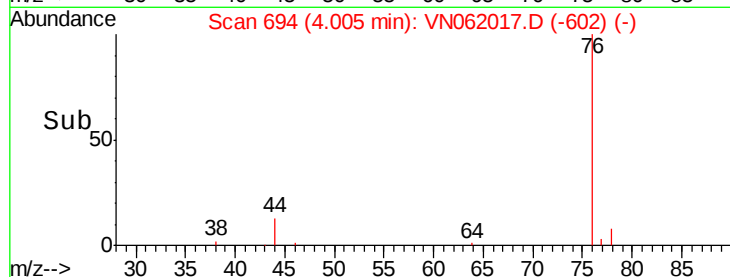
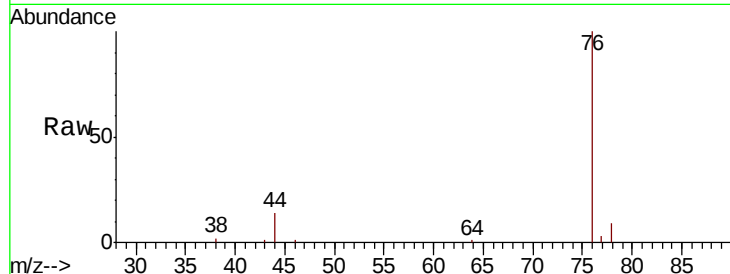




#17
Carbon Disulfide
Concen: 14.567 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

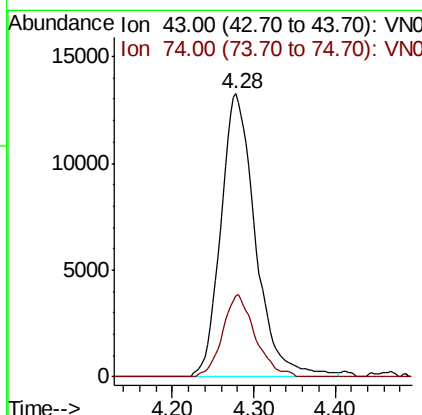
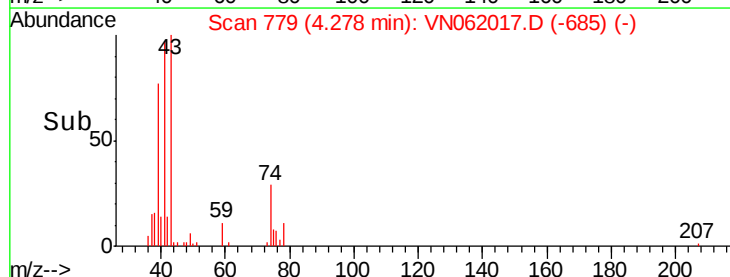
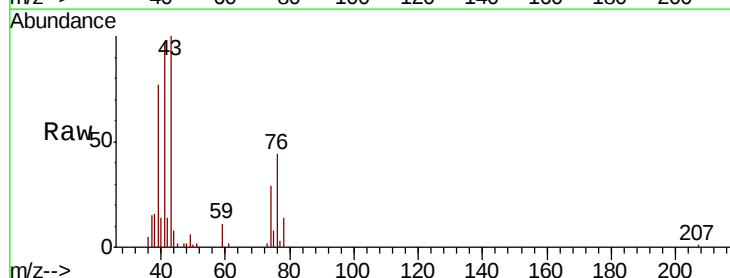
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

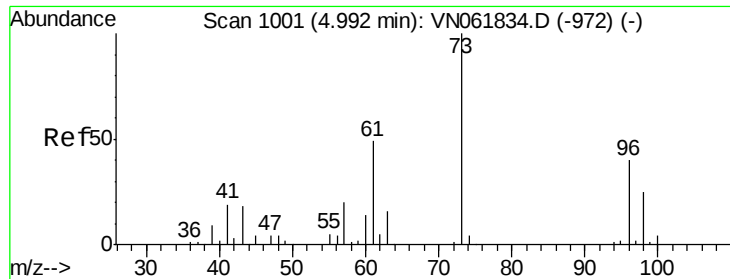
Tot Ion: 76 Resp: 66414
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 22.620 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 43 Resp: 39564
Ion Ratio Lower Upper
43 100
74 27.3 23.0 34.4

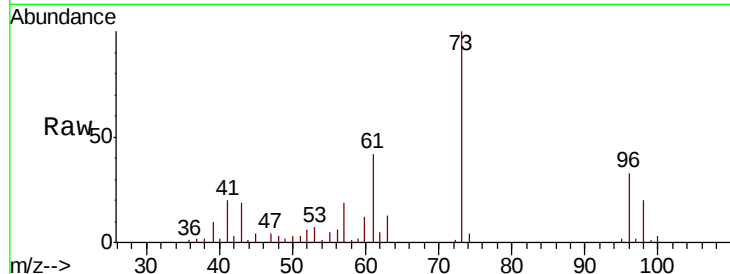




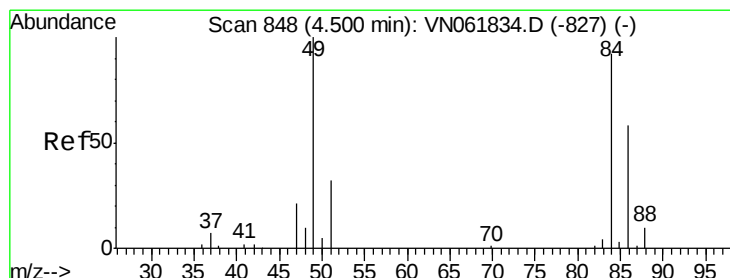
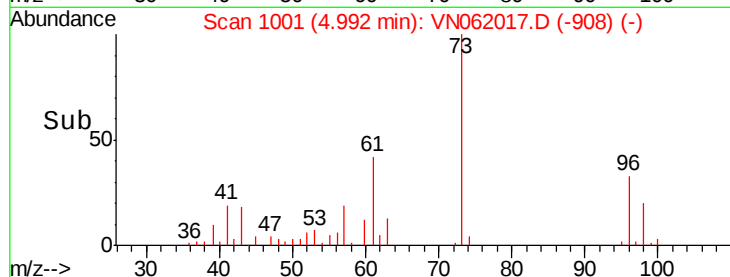
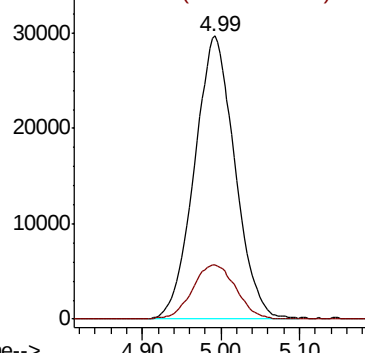
#19
Methvl tert-butvl Ether
Concen: 20.654 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion: 73 Resp: 107156
Ion Ratio Lower Upper
73 100
57 19.1 16.2 24.4

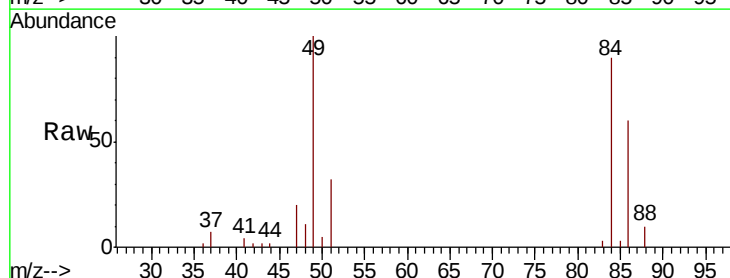


Abundance Ion 73.00 (72.70 to 73.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

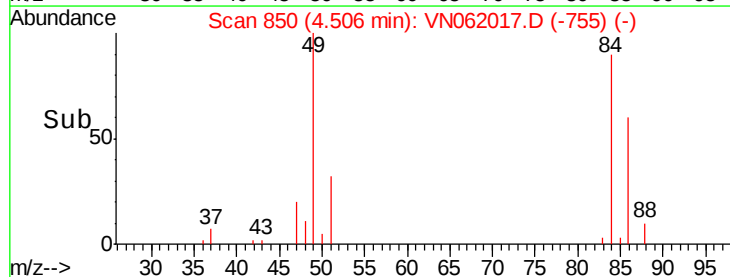
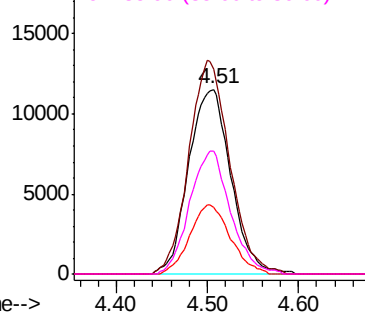


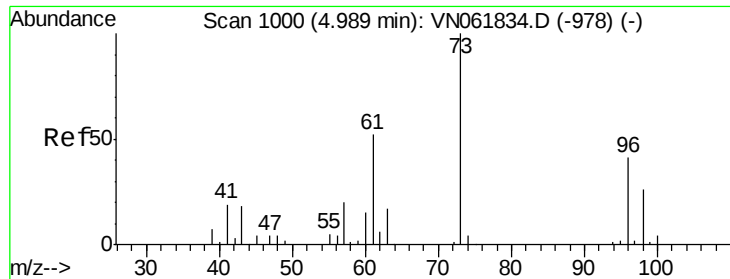
#20
Methylene Chloride
Concen: 18.812 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 84 Resp: 37234
Ion Ratio Lower Upper
84 100
49 110.6 87.0 130.4
51 35.9 27.8 41.6
86 66.8 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

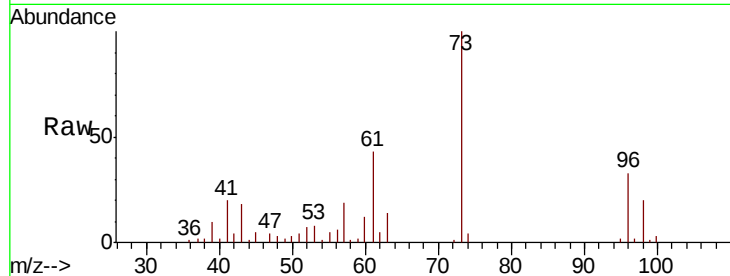




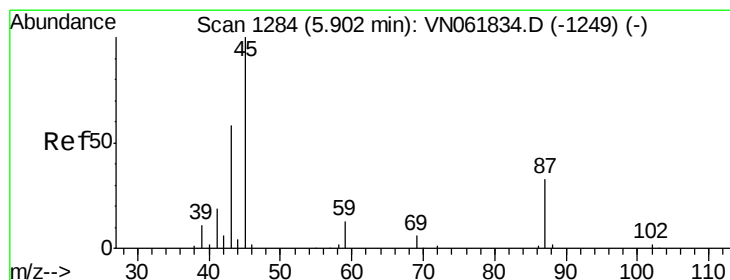
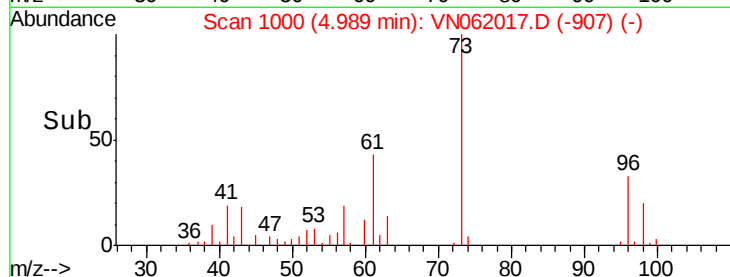
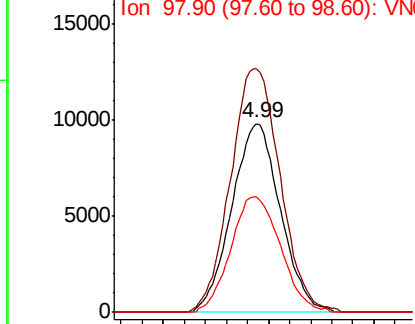
#21
trans-1,2-Dichloroethene
Concen: 17.577 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion: 96 Resp: 31459
Ion Ratio Lower Upper
96 100
61 128.7 102.2 153.4
98 60.9 51.2 76.8

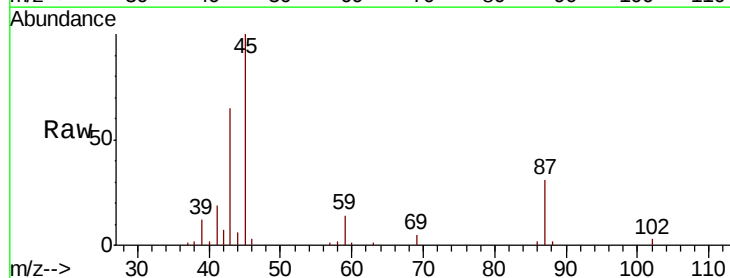


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

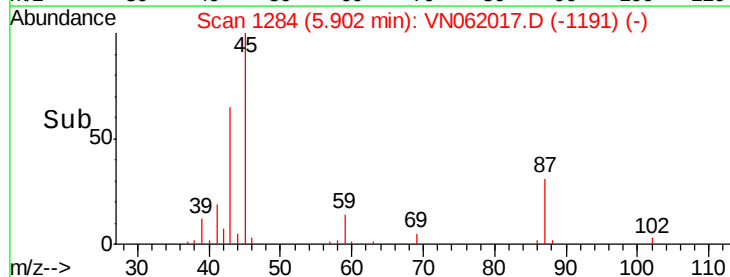
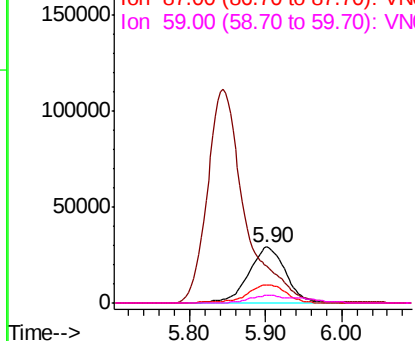


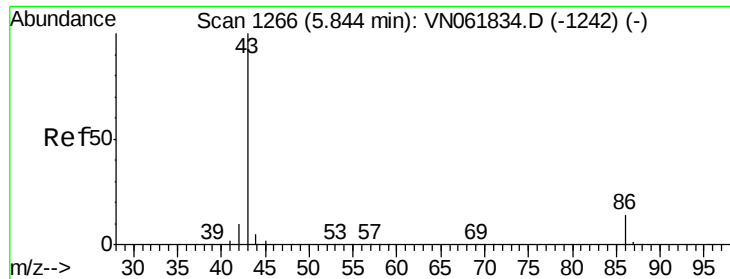
#22
Diisopropyl ether
Concen: 20.856 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 45 Resp: 98644
Ion Ratio Lower Upper
45 100
43 63.0 49.4 74.2
87 31.3 27.4 41.0
59 13.1 10.6 15.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 101.868 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

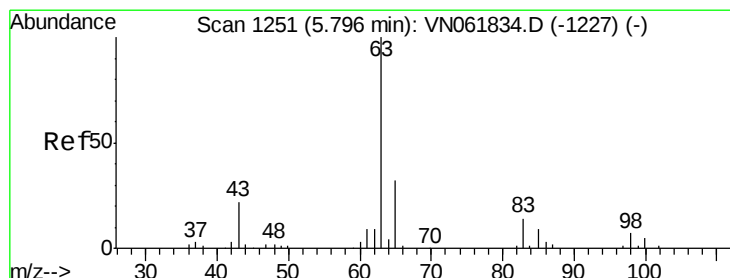
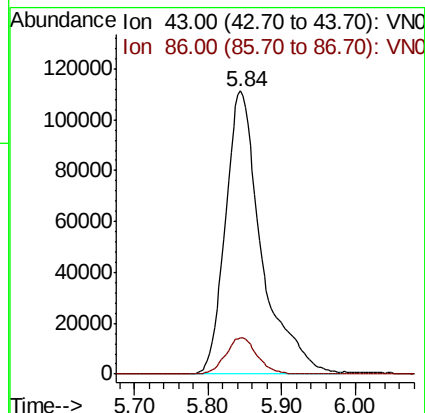
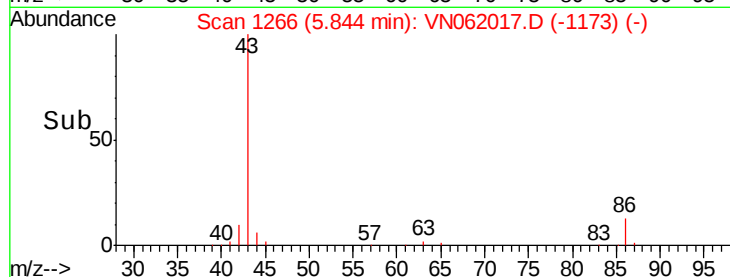
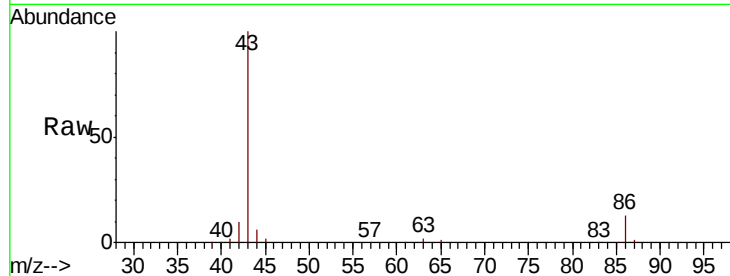
VN0622WBS02

Tot Ion: 43 Resp: 378942

Ion Ratio Lower Upper

43 100

86 12.7 10.9 16.3



#24

1,1-Dichloroethane

Concen: 20.132 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

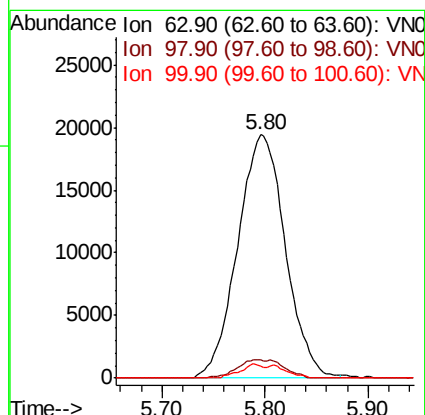
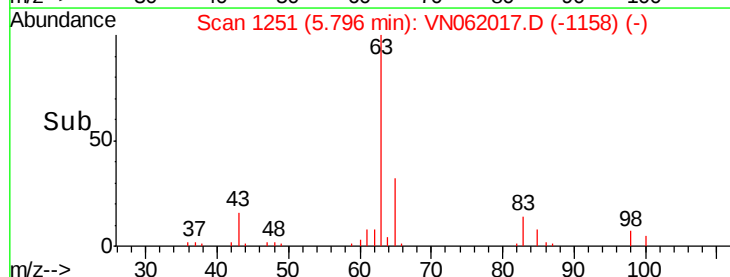
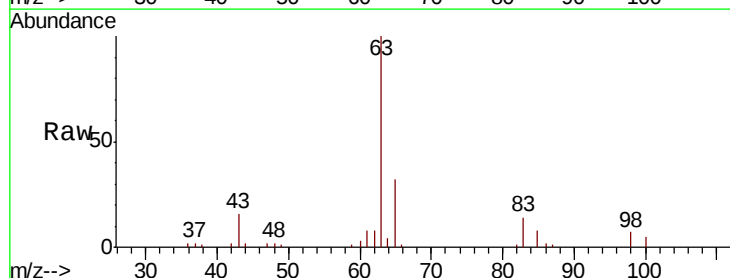
Tgt Ion: 63 Resp: 62333

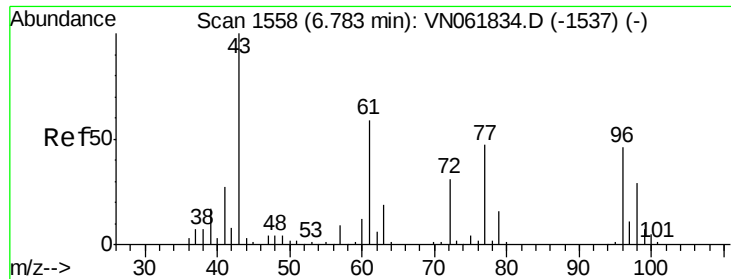
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.8 2.5 7.4





#25

2-Butanone

Concen: 110.146 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.01 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampled :

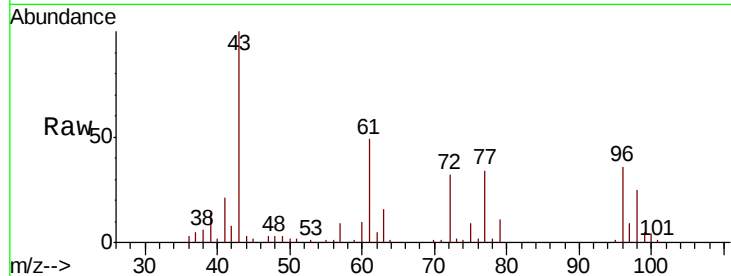
VN0622WBS02

Tot Ion: 43 Resp: 97631

Ion Ratio Lower Upper

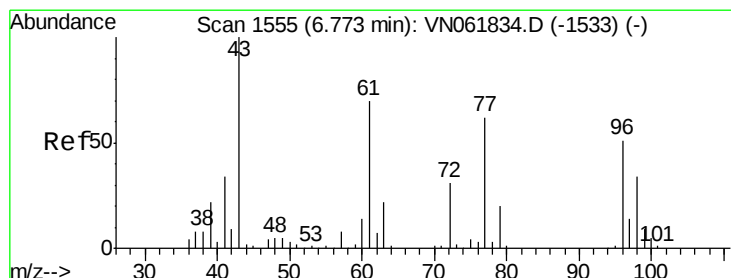
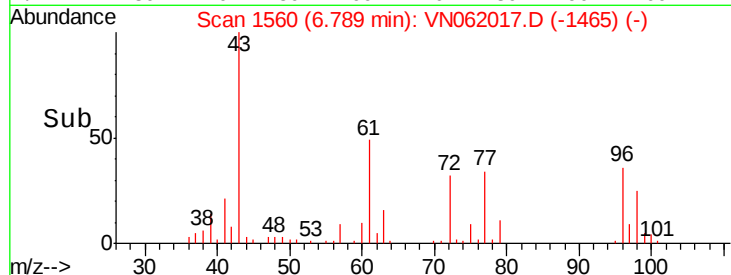
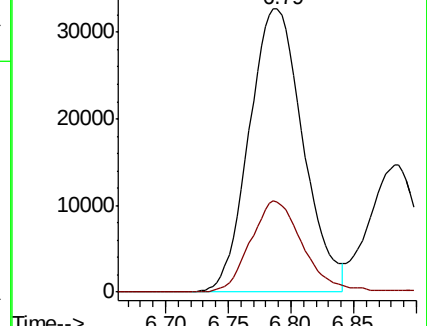
43 100

72 31.6 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 17.225 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062017.D

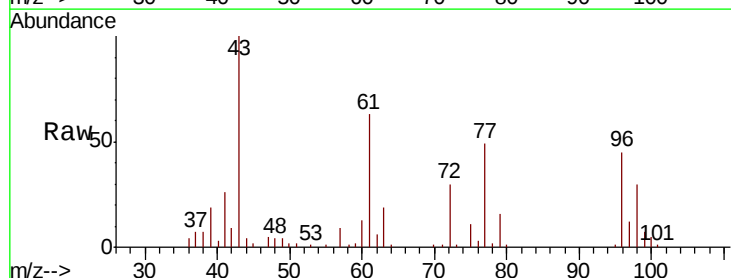
Acq: 22 Jun 2020 23:32

Tgt Ion: 77 Resp: 44869

Ion Ratio Lower Upper

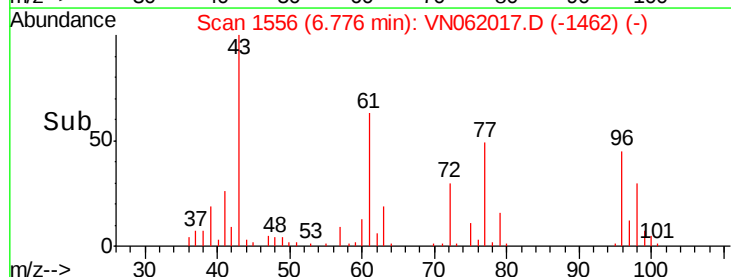
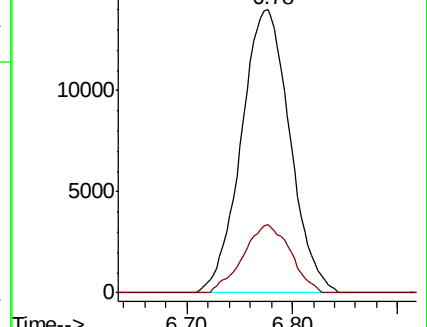
77 100

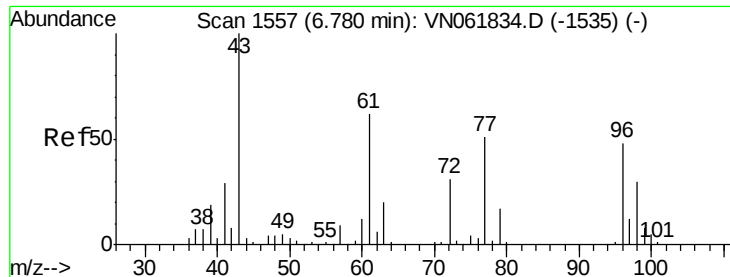
97 23.5 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.905 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

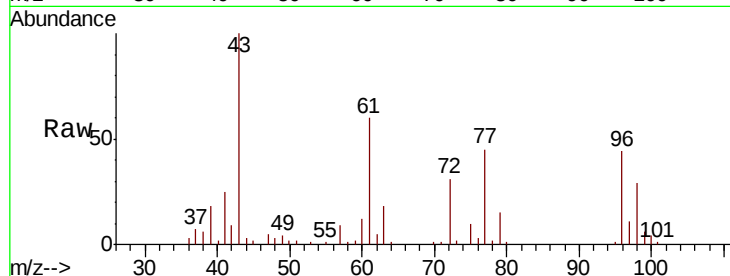
Tot Ion: 96 Resp: 39040

Ion Ratio Lower Upper

96 100

61 137.1 0.0 265.6

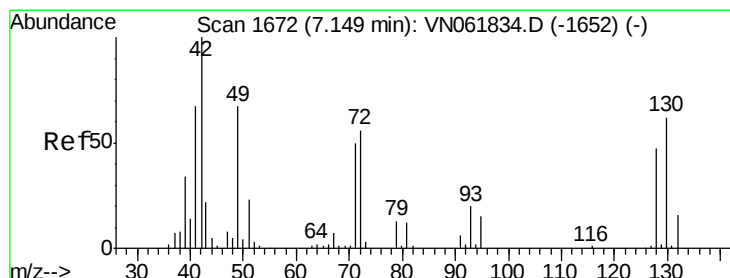
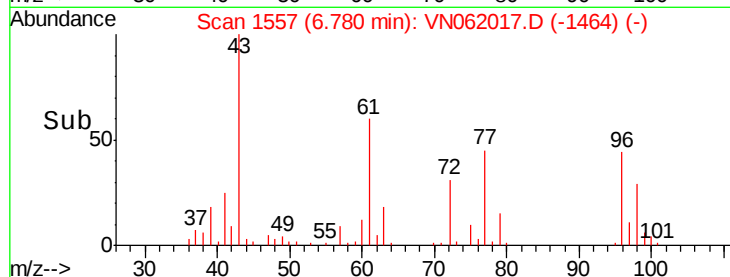
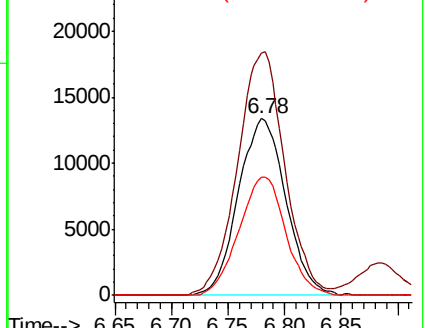
98 66.0 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN061834.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN061834.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN061834.D (-1535) (-)



#28

Bromochloromethane

Concen: 20.172 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

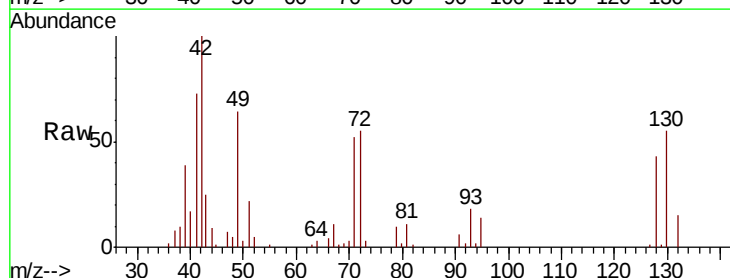
Tgt Ion: 49 Resp: 27808

Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.0

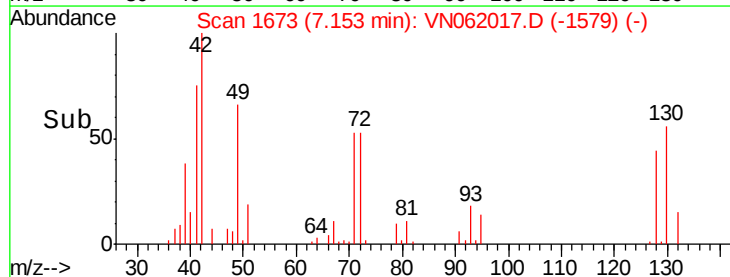
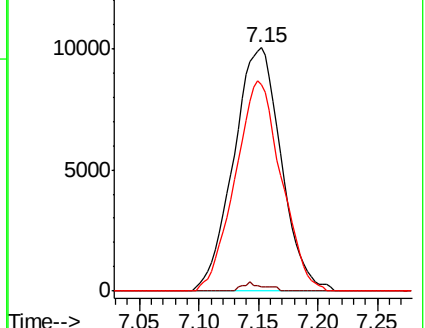
130 83.7 72.2 108.2

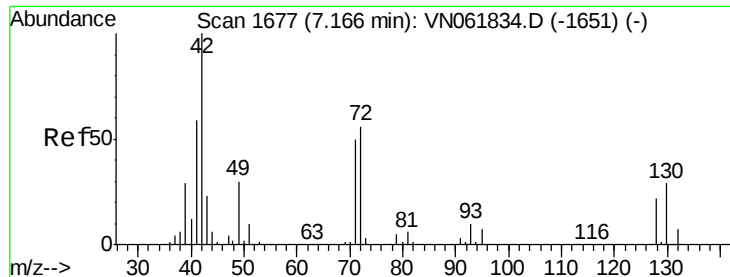


Abundance Ion 48.90 (48.60 to 49.60): VN061834.D (-1652) (-)

Ion 128.80 (128.50 to 129.50): VN061834.D (-1652) (-)

Ion 129.80 (129.50 to 130.50): VN061834.D (-1652) (-)

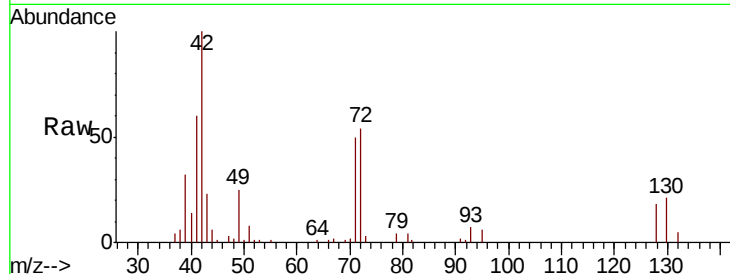




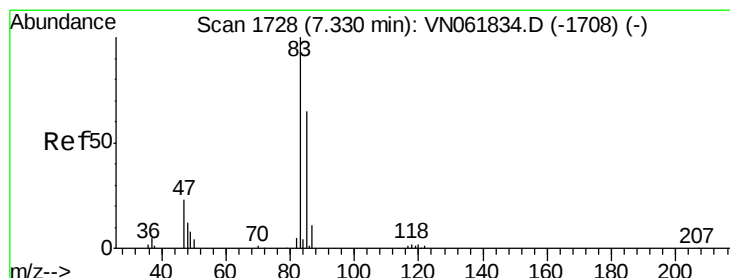
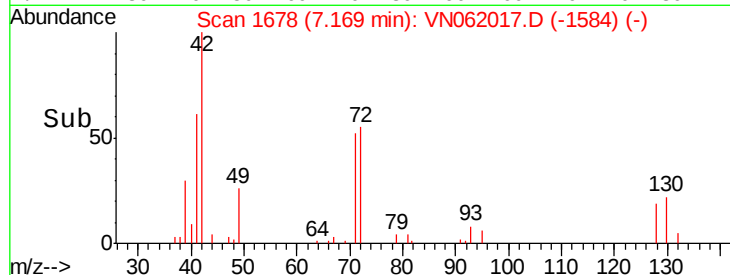
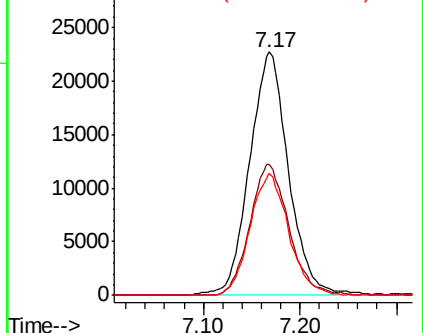
#29
Tetrahydrofuran
Concen: 108.475 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampled :
VN0622WBS02

Tot Ion: 42 Resp: 63277
Ion Ratio Lower Upper
42 100
72 54.0 44.0 66.0
71 49.7 40.0 60.0

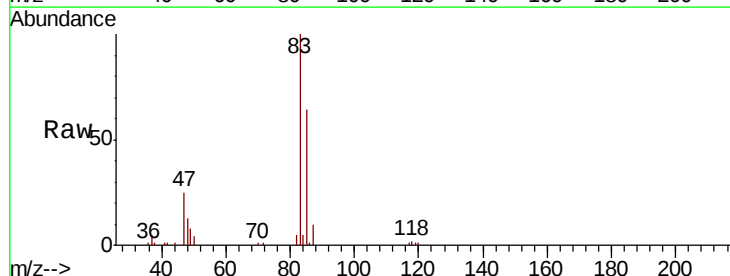


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

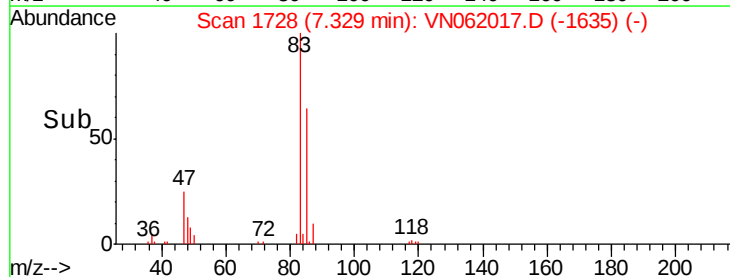
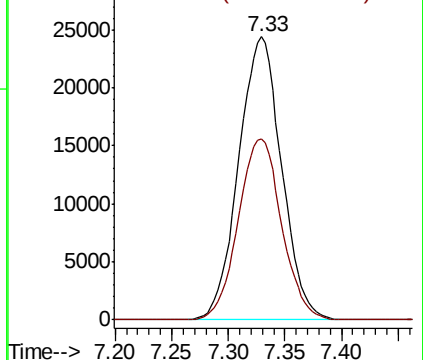


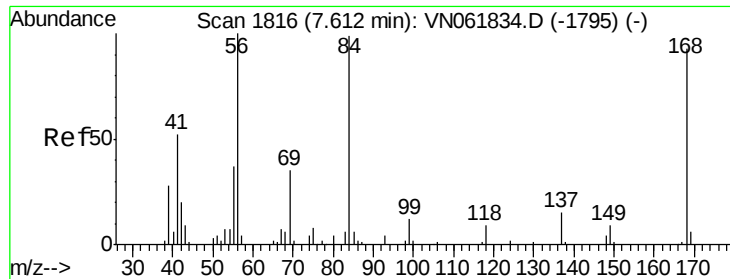
#30
Chloroform
Concen: 19.420 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 83 Resp: 64260
Ion Ratio Lower Upper
83 100
85 64.0 52.0 78.0



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

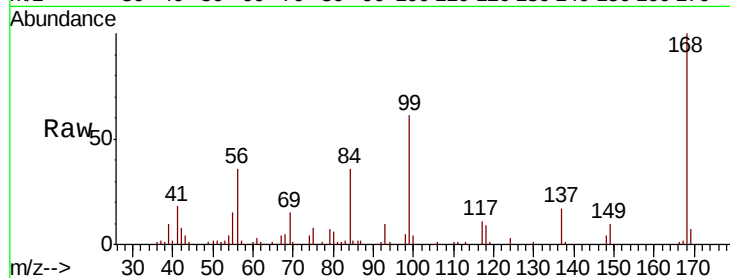




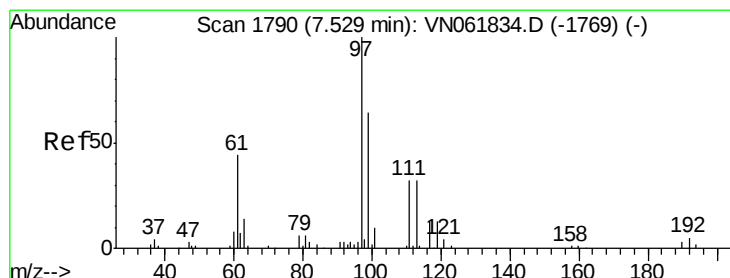
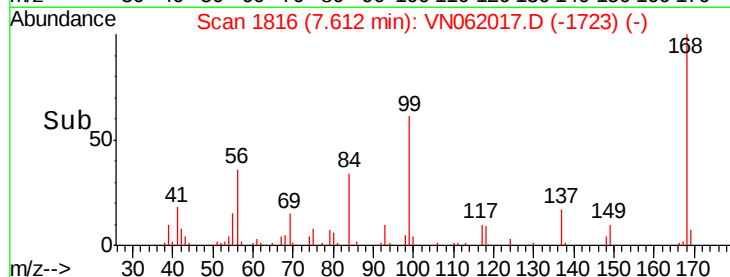
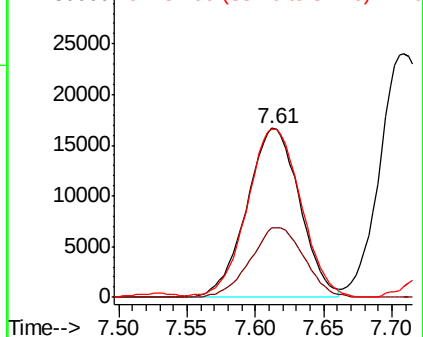
#31
Cyclohexane
Concen: 16.567 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion: 56 Resp: 44903
Ion Ratio Lower Upper
56 100
69 41.0 27.7 41.5
84 98.1 79.1 118.7

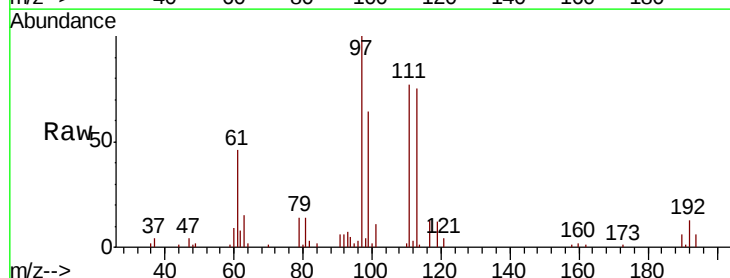


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

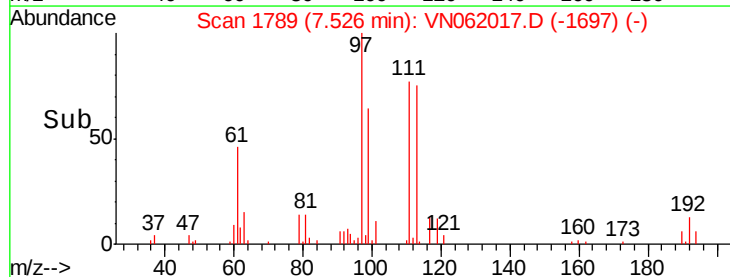
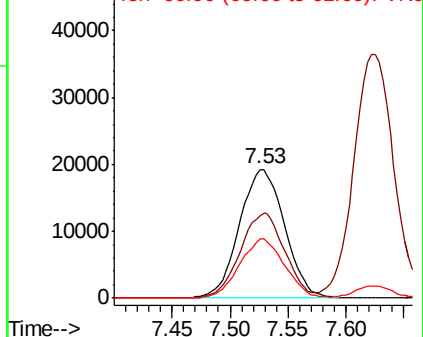


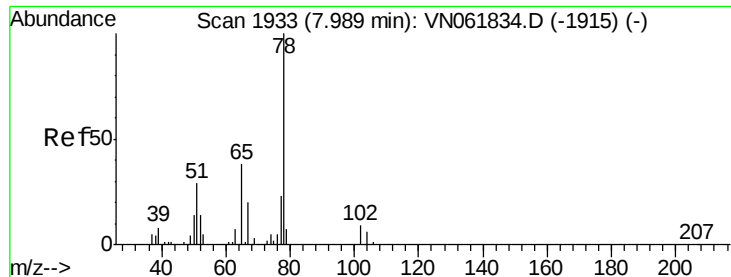
#32
1,1,1-Trichloroethane
Concen: 18.562 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 97 Resp: 52309
Ion Ratio Lower Upper
97 100
99 64.7 51.5 77.3
61 45.6 35.1 52.7



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: 55.252 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

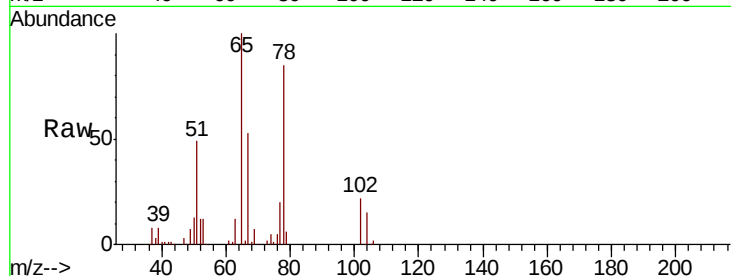
VN0622WBS02

Tot Ion: 65 Resp: 113639

Ion Ratio Lower Upper

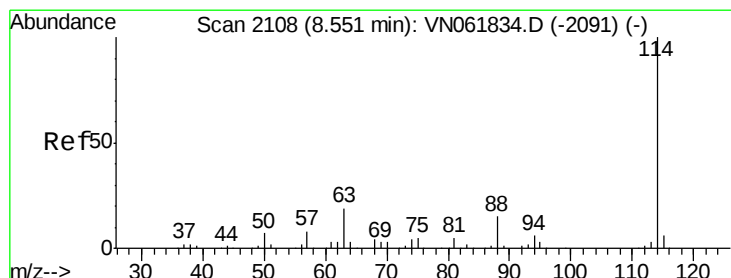
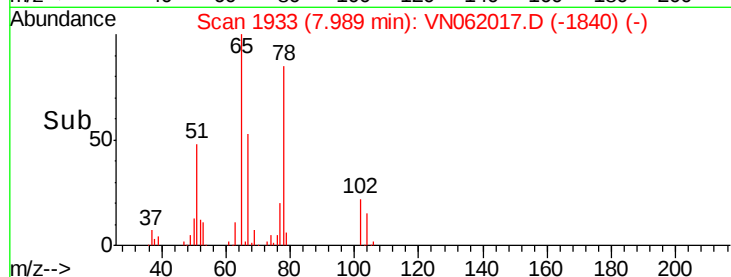
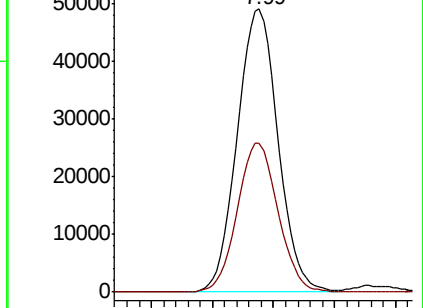
65 100

67 52.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN061834.D (-1915) (-)

Ion 66.90 (66.60 to 67.60): VN061834.D (-1915) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

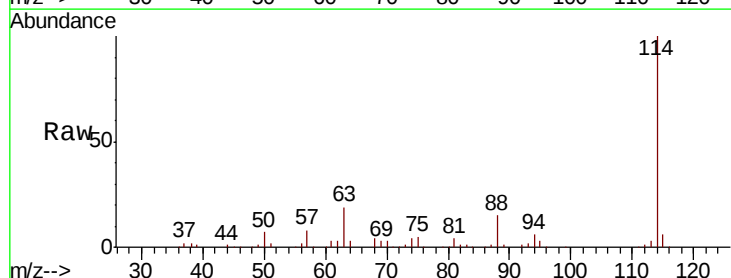
Tgt Ion: 114 Resp: 268846

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

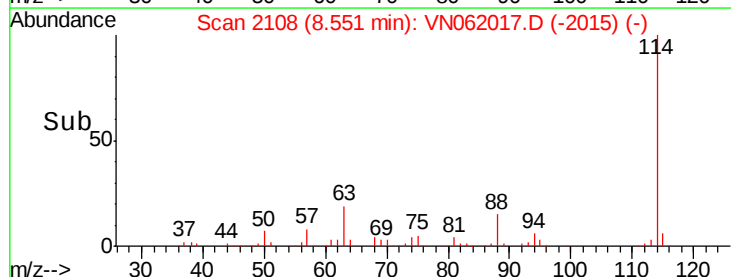
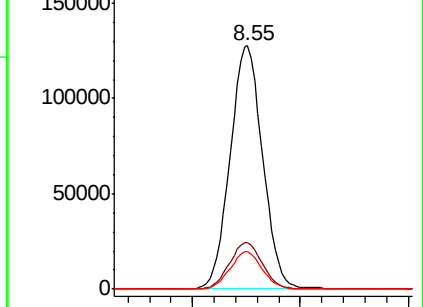
88 15.4 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN061834.D (-2091) (-)

Ion 63.00 (62.70 to 63.70): VN061834.D (-2091) (-)

Ion 87.90 (87.60 to 88.60): VN061834.D (-2091) (-)

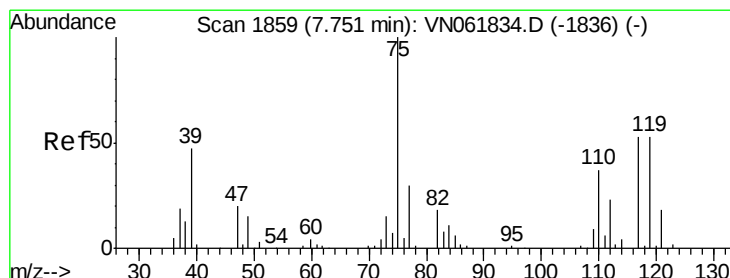
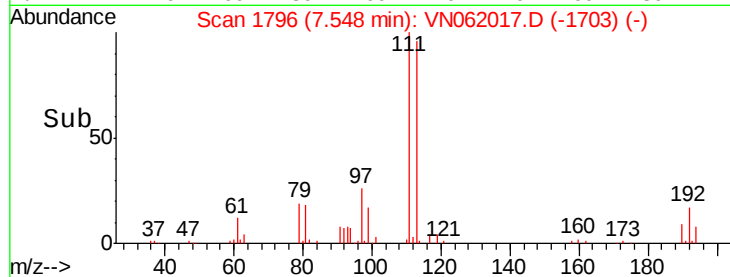
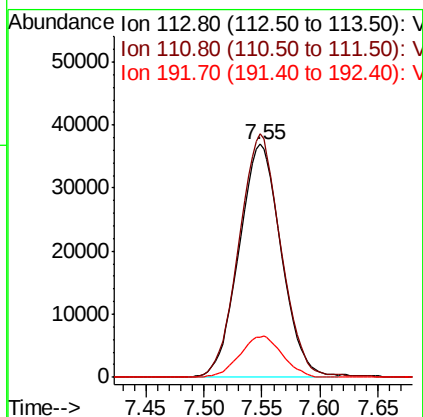
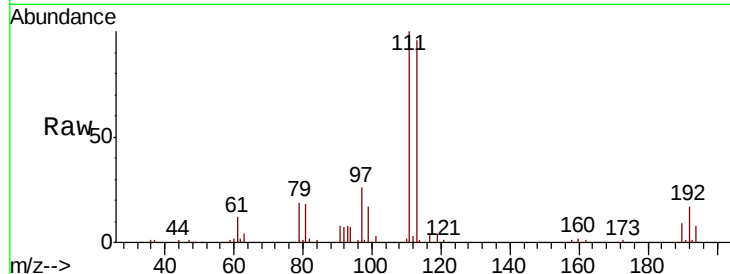




#35
 Dibromofluoromethane
 Concen: 54.422 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

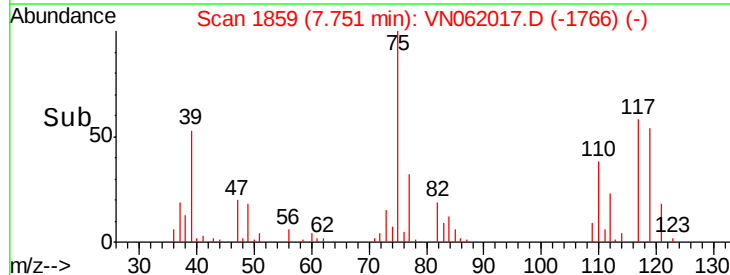
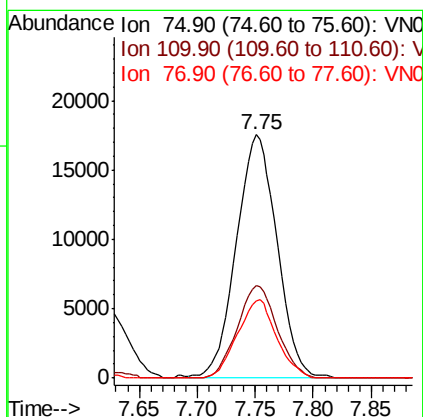
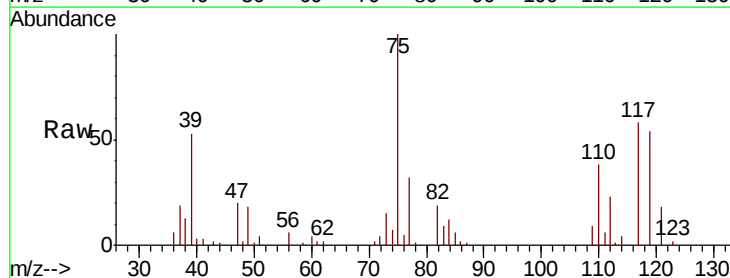
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

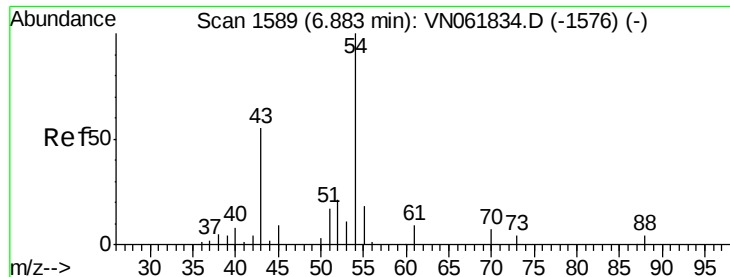
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.7	125.5
192	17.8	13.9	20.9



#36
 1,1-Dichloropropene
 Concen: 17.433 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.2	54.6
77	31.0	24.2	36.4

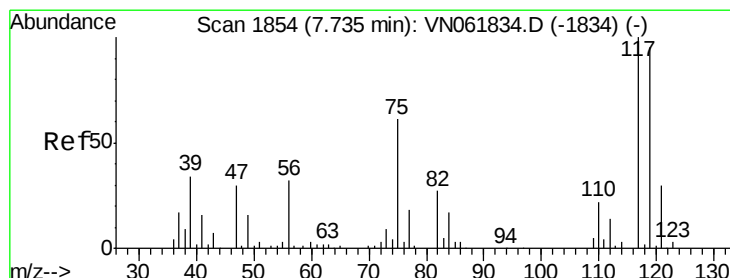
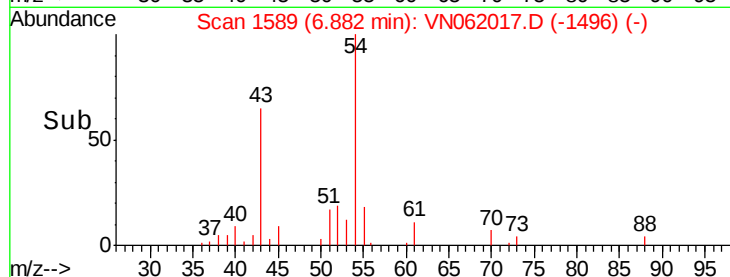
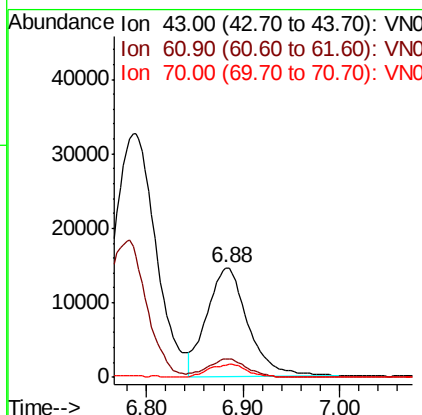
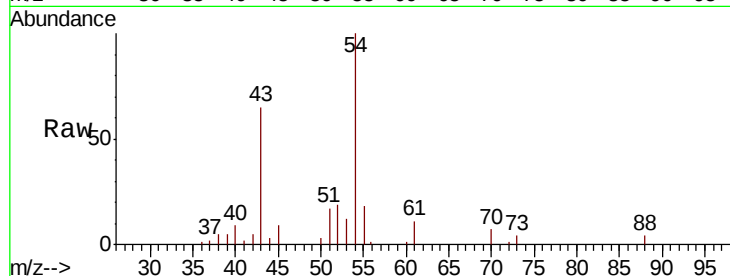




#37
Ethyl Acetate
Concen: 22.621 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

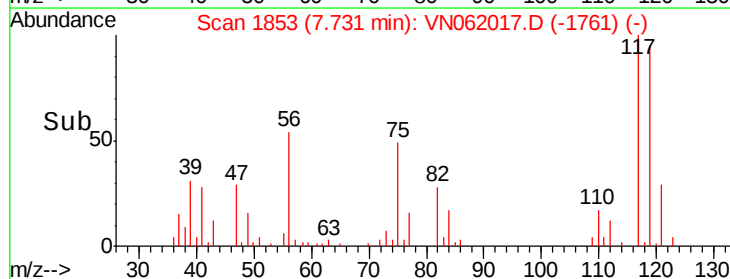
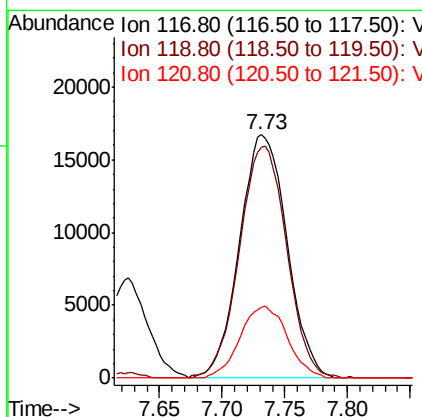
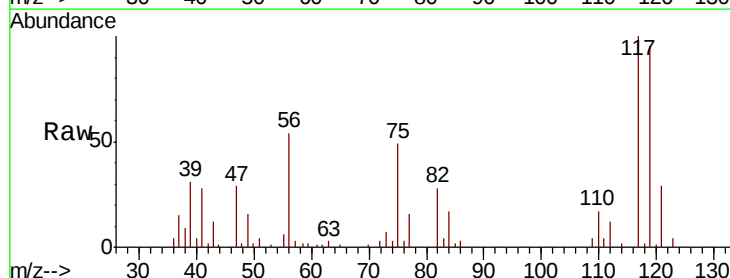
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion: 43 Resp: 43317
Ion Ratio Lower Upper
43 100
61 15.8 13.0 19.4
70 11.3 9.4 14.2



#38
Carbon Tetrachloride
Concen: 18.156 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 117 Resp: 44090
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.6
121 29.1 23.8 35.6

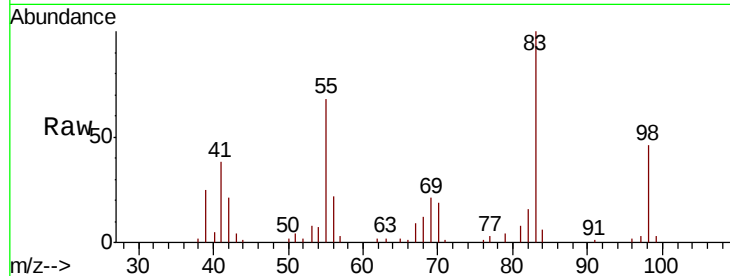




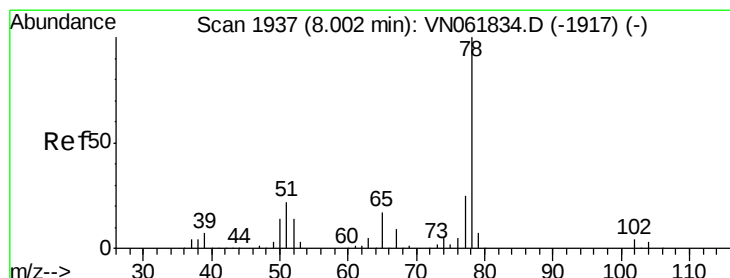
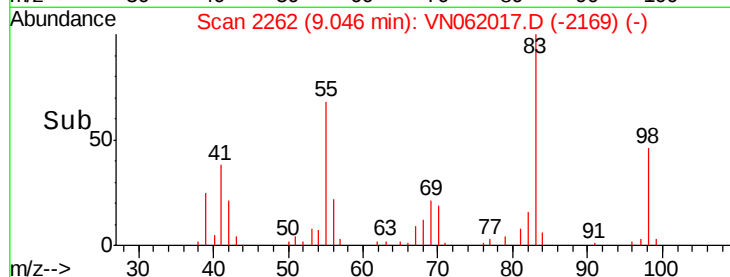
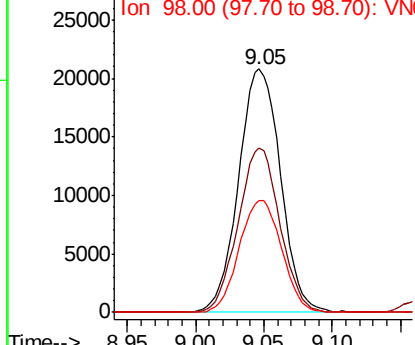
#39
Methvlcvclohexane
Concen: 16.816 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampled :
VN0622WBS02

Tot Ion: 83 Resp: 44402
Ion Ratio Lower Upper
83 100
55 67.7 54.2 81.4
98 46.0 39.8 59.6

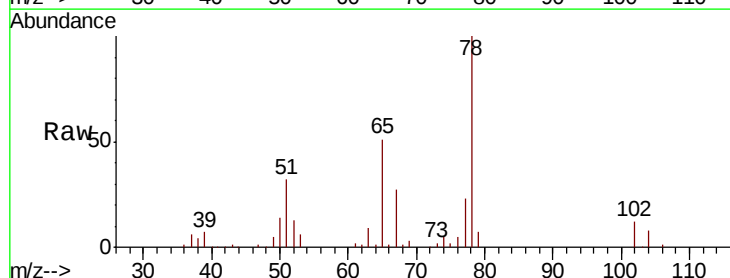


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

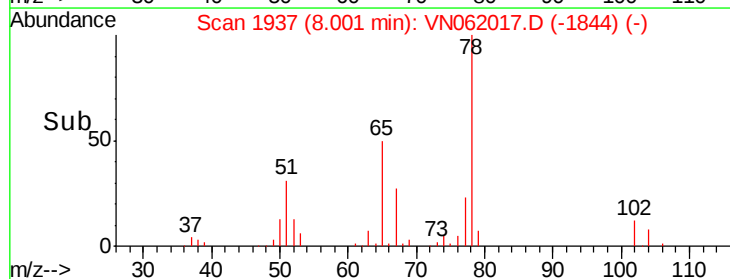
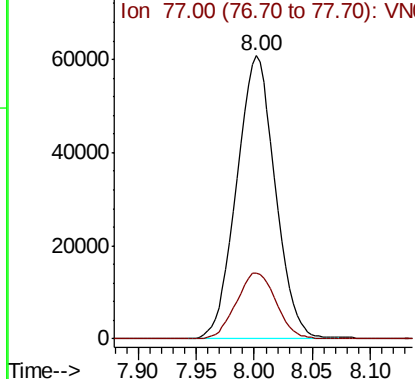


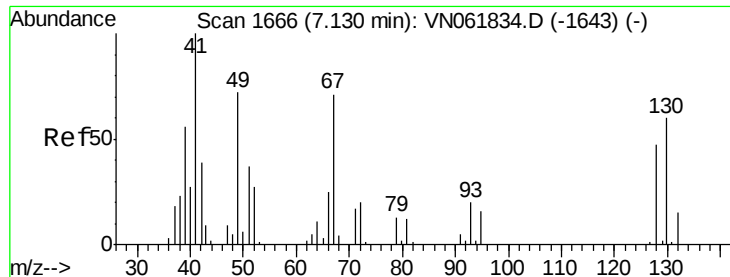
#40
Benzene
Concen: 18.936 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 78 Resp: 140663
Ion Ratio Lower Upper
78 100
77 23.4 19.7 29.5



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

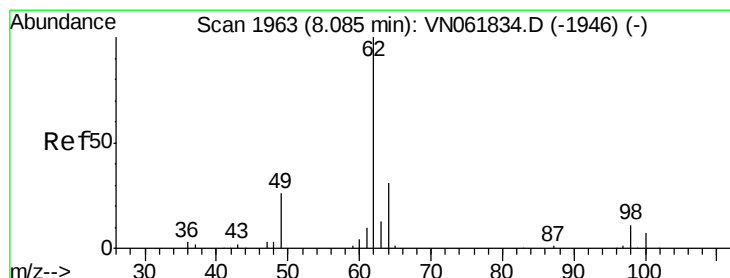
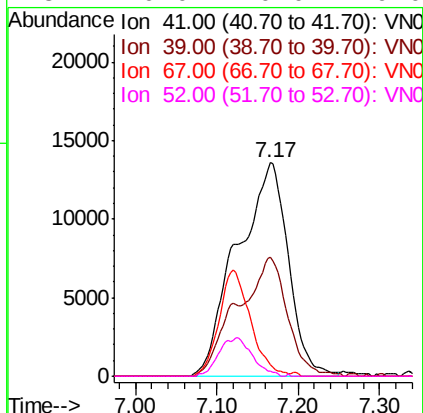
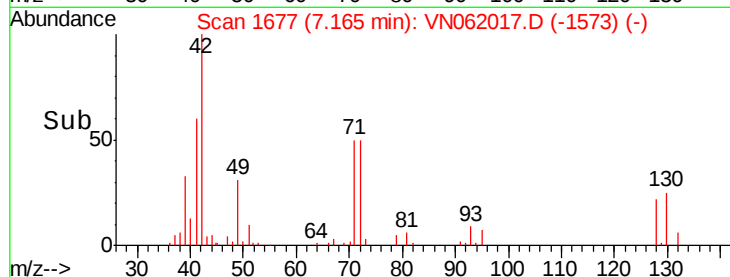
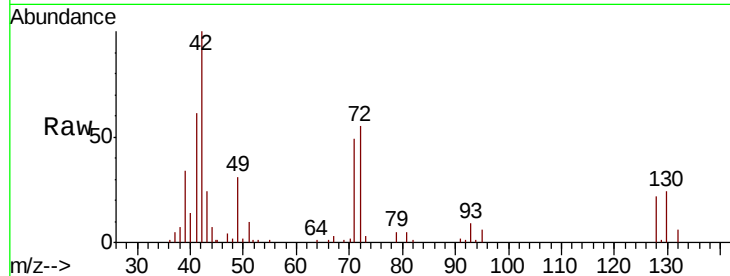




#41
Methacrylonitrile
Concen: 72.371 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

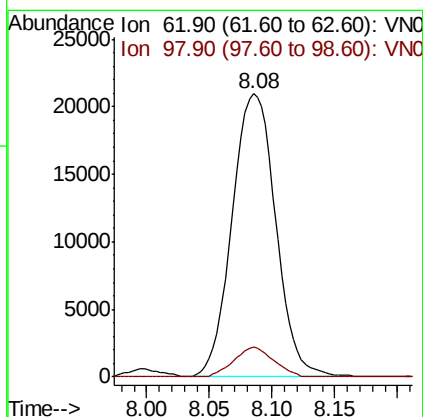
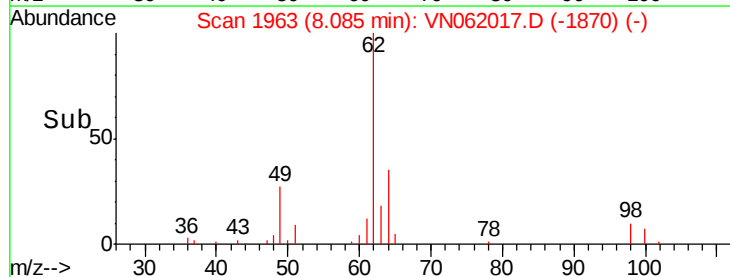
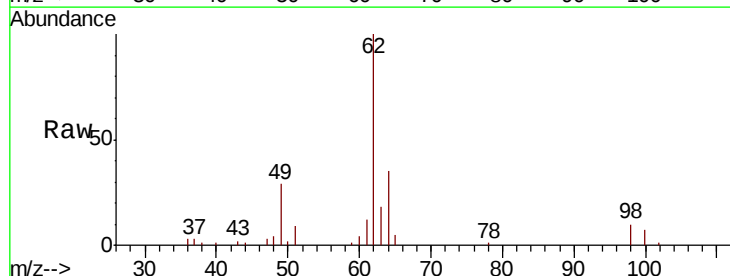
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

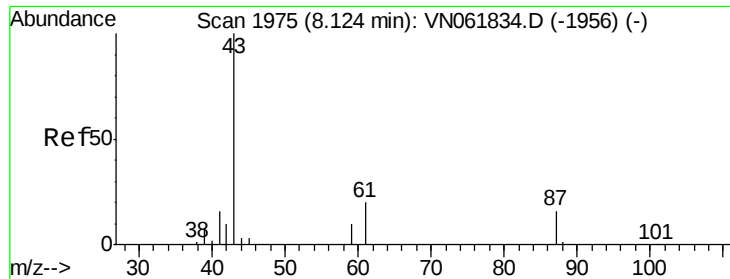
Tot Ion:	41	Resp:	59260
Ion	Ratio	Lower	Upper
41	100		
39	27.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.044 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion:	62	Resp:	50768
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.4



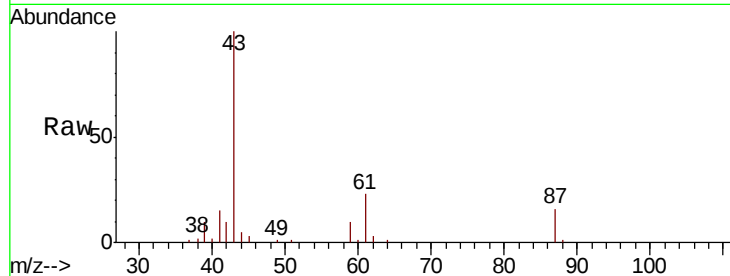


#43

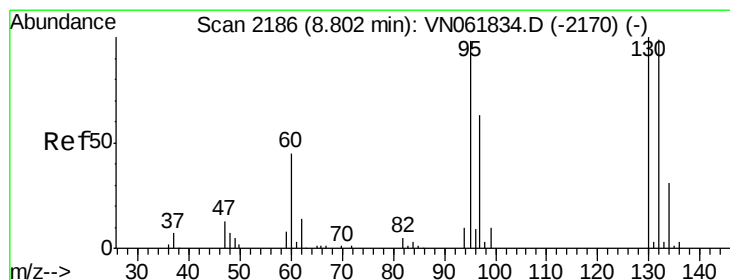
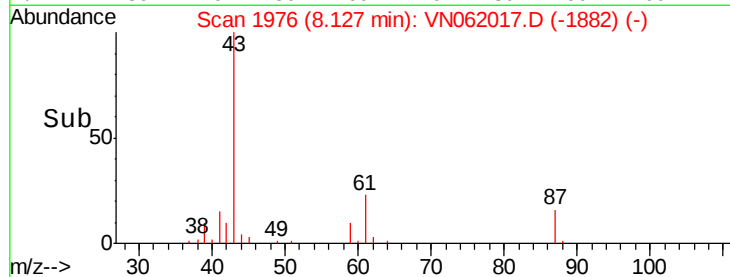
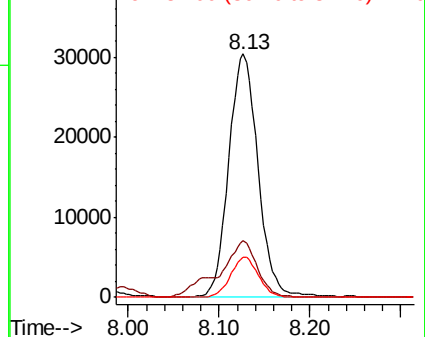
Isopropyl Acetate
 Concen: 21.136 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Tot Ion	43	Resp	68206
Ion Ratio	100	Lower	Upper
61	22.9	24.0	36.0#
87	15.6	12.5	18.7



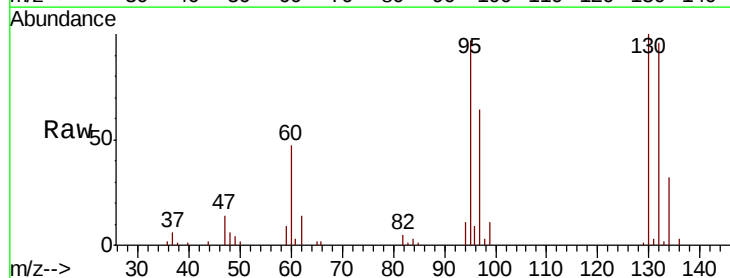
Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-1956) (-)



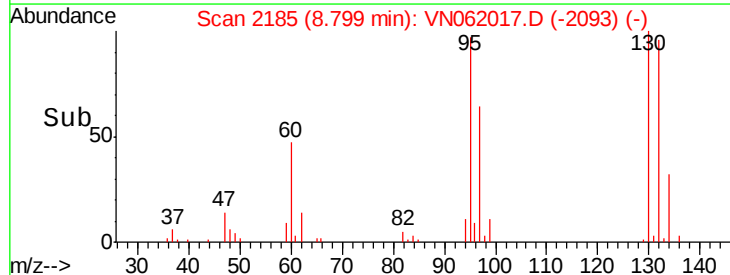
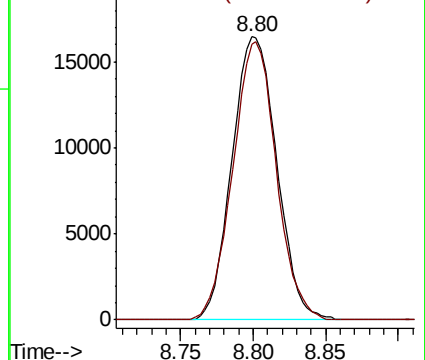
#44

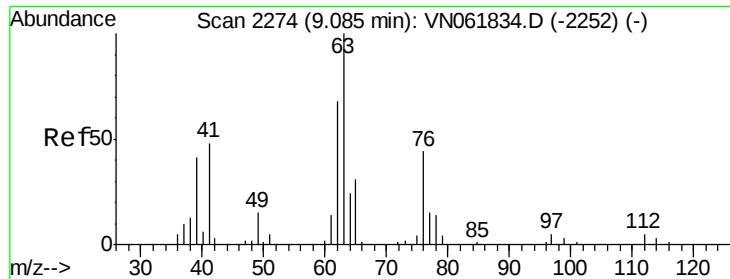
Trichloroethene
 Concen: 18.105 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion	130	Resp	35393
Ion Ratio	100	Lower	Upper
95	97.3	0.0	195.6



Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)





#45

1,2-Dichloropropane

Concen: 20.062 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

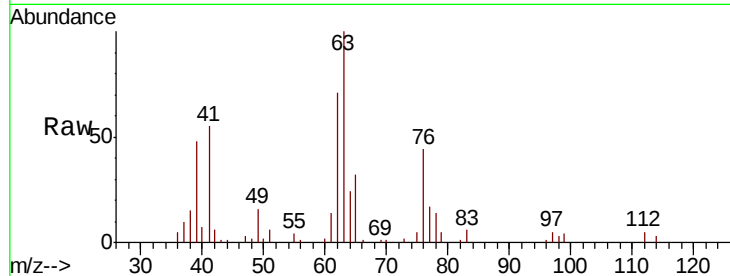
VN0622WBS02

Tot Ion: 63 Resp: 36622

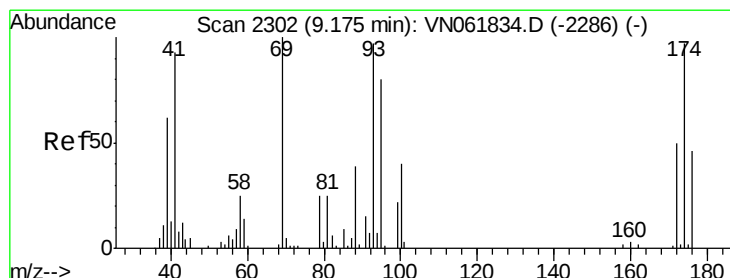
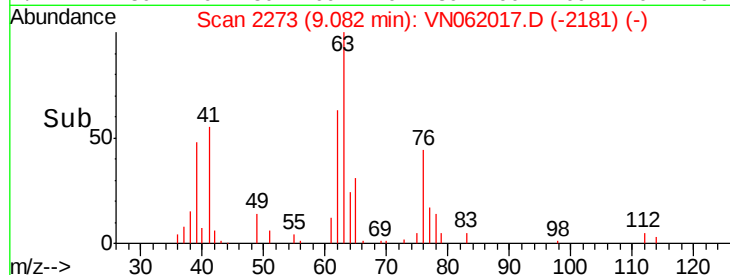
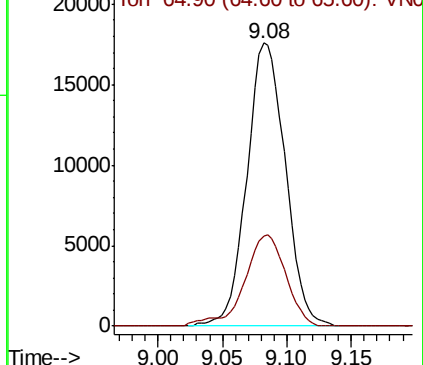
Ion Ratio Lower Upper

63 100

65 32.0 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VN062017.D (-2181) (-)



#46

Dibromomethane

Concen: 19.596 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

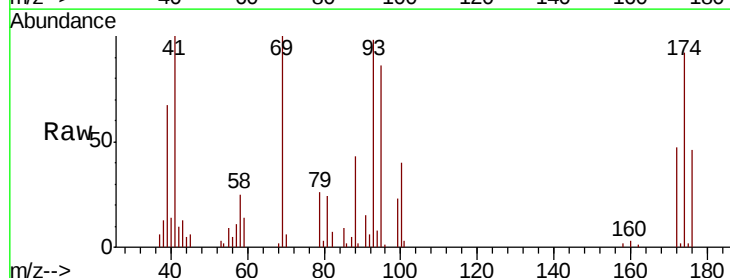
Tgt Ion: 93 Resp: 25190

Ion Ratio Lower Upper

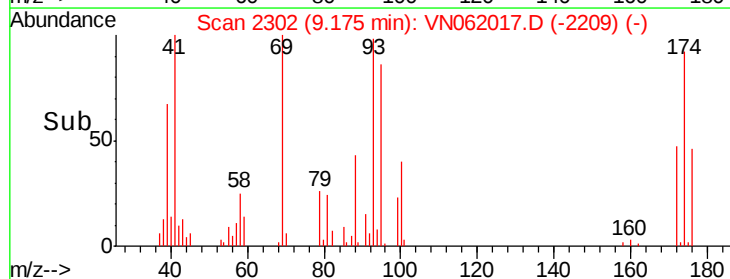
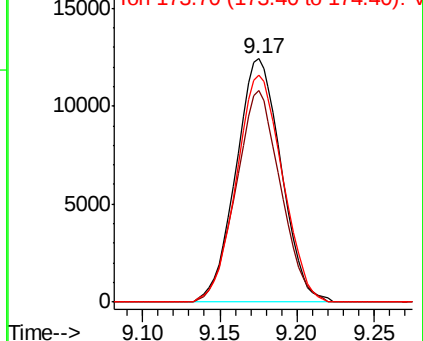
93 100

95 85.8 65.8 98.6

174 95.1 78.5 117.7



Abundance Ion 92.80 (92.50 to 93.50): VN062017.D (-2209) (-)

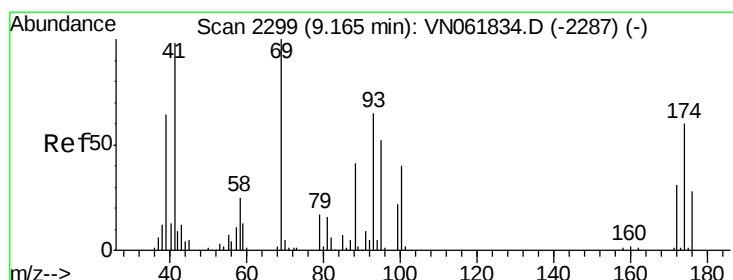
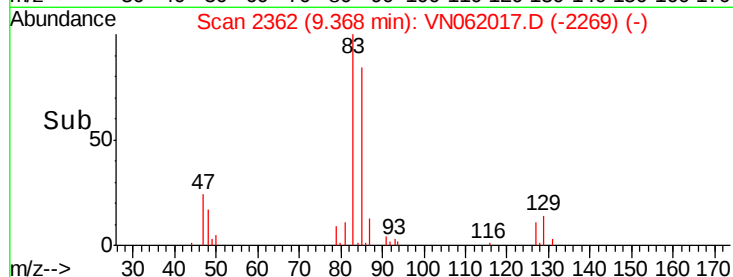
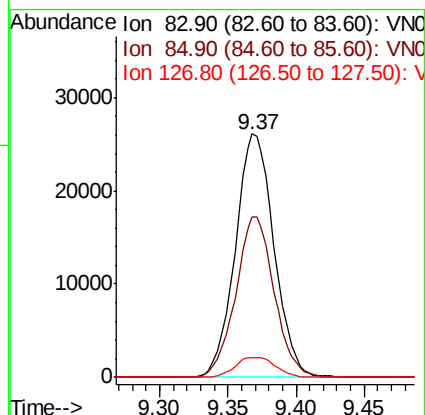
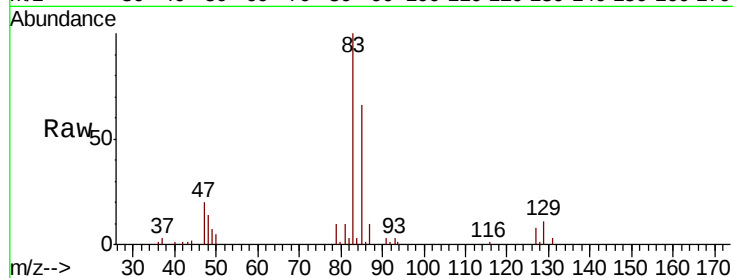




#47
 Bromodichloromethane
 Concen: 19.478 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

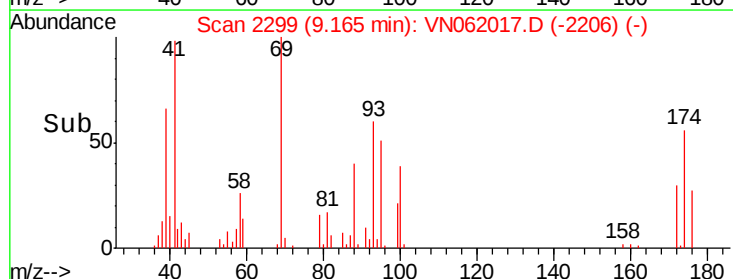
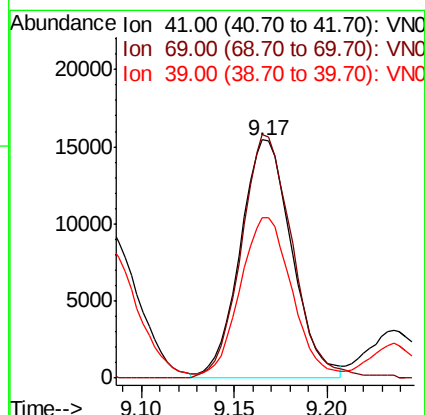
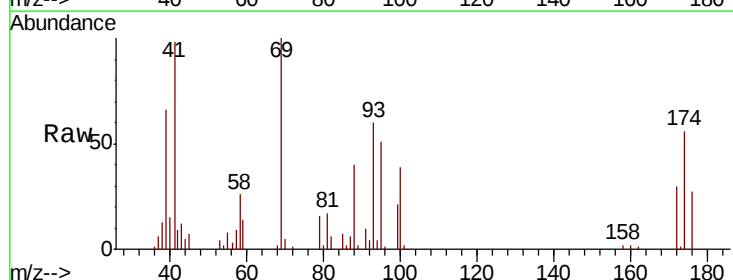
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Tot Ion: 83 Resp: 51270
 Ion Ratio Lower Upper
 83 100
 85 66.0 50.8 76.2
 127 8.3 7.0 10.4



#48
 Methyl methacrylate
 Concen: 20.402 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion: 41 Resp: 29941
 Ion Ratio Lower Upper
 41 100
 69 100.8 83.0 124.4
 39 67.9 55.1 82.7





#49

1,4-Dioxane

Concen: 394.707 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

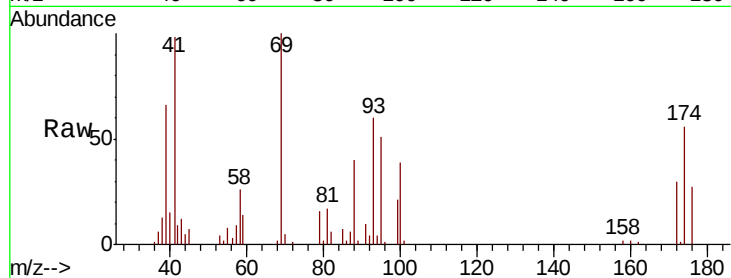
Tot Ion: 88 Resp: 13299

Ion Ratio Lower Upper

88 100

43 30.2 23.4 35.2

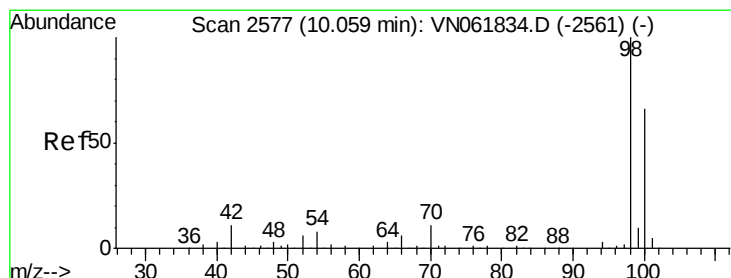
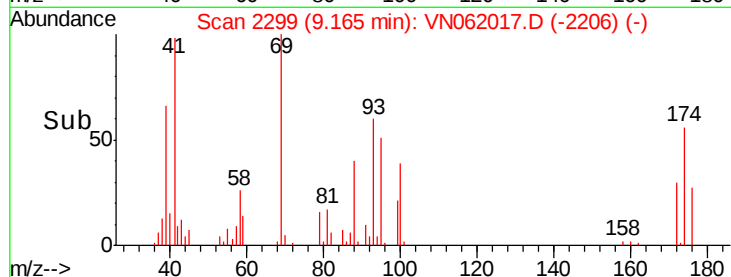
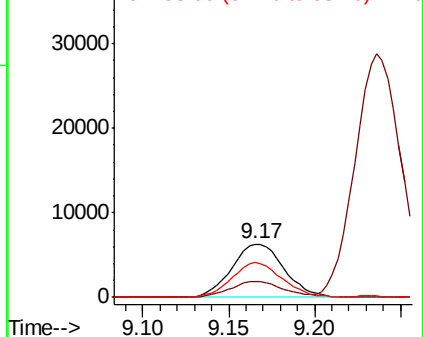
58 62.5 49.8 74.6



Abundance Ion 88.00 (87.70 to 88.70): VN062017.D (-2206) (-)

Ion 43.00 (42.70 to 43.70): VN062017.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN062017.D (-2206) (-)



#50

Toluene-d8

Concen: 50.787 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062017.D

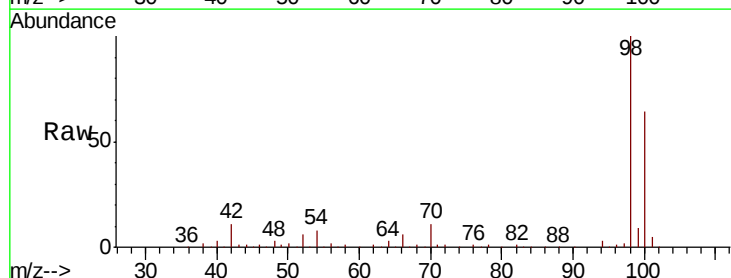
Acq: 22 Jun 2020 23:32

Tgt Ion: 98 Resp: 343409

Ion Ratio Lower Upper

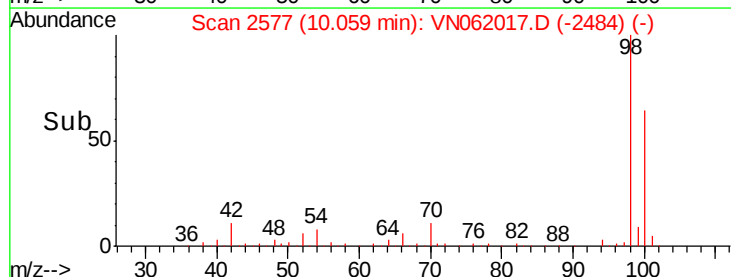
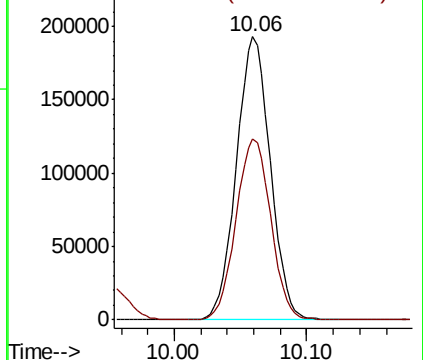
98 100

100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN062017.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062017.D (-2484) (-)





#51

4-Methyl-2-Pentanone

Concen: 108.013 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

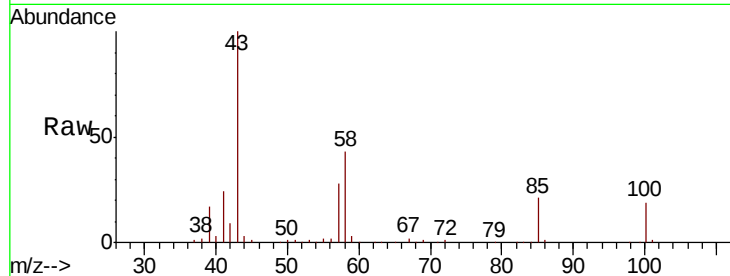
VN0622WBS02

Tot Ion: 43 Resp: 205980

Ion Ratio Lower Upper

43 100

58 43.4 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

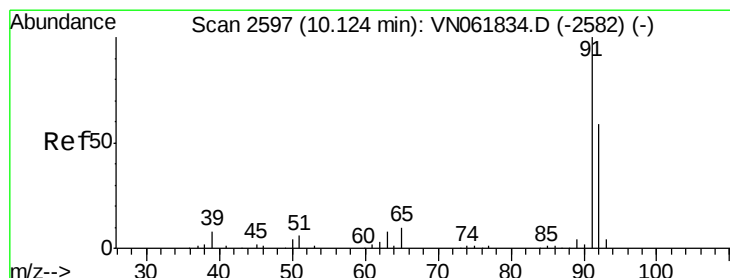
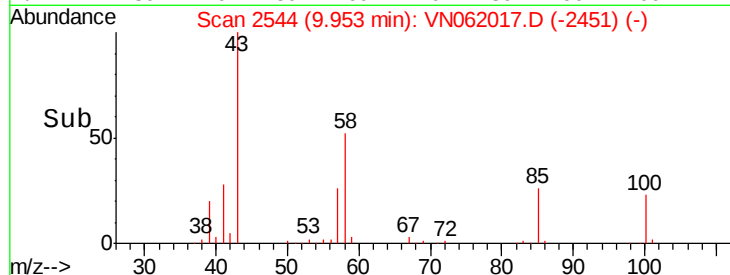
9.95

100000

50000

0

Time-->



#52

Toluene

Concen: 18.982 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062017.D

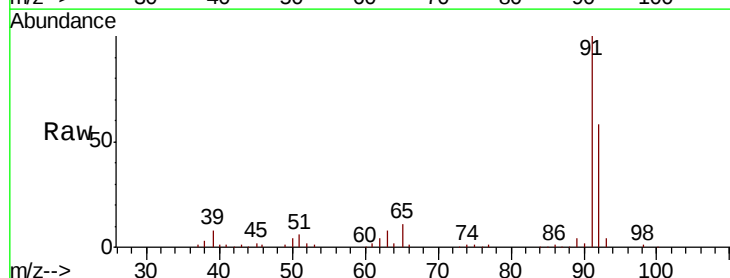
Acq: 22 Jun 2020 23:32

Tgt Ion: 92 Resp: 88554

Ion Ratio Lower Upper

92 100

91 169.8 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

100000

80000

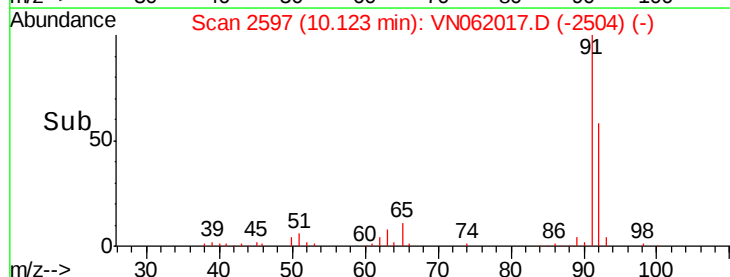
60000

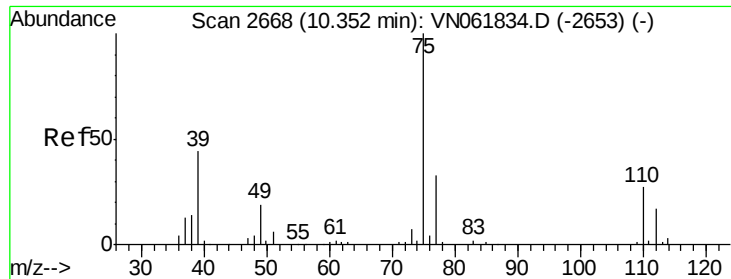
40000

20000

0

Time-->

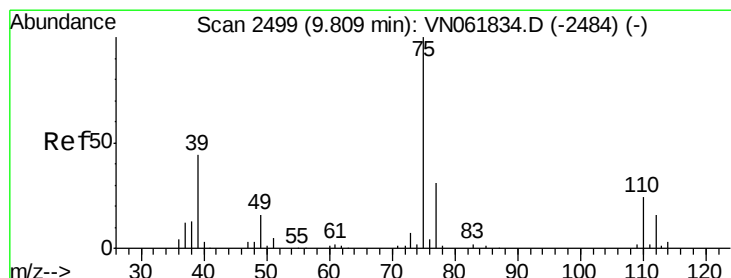
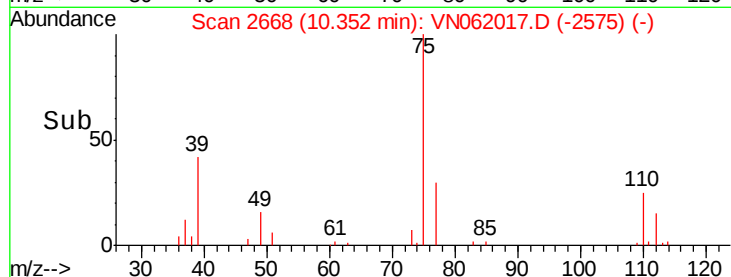
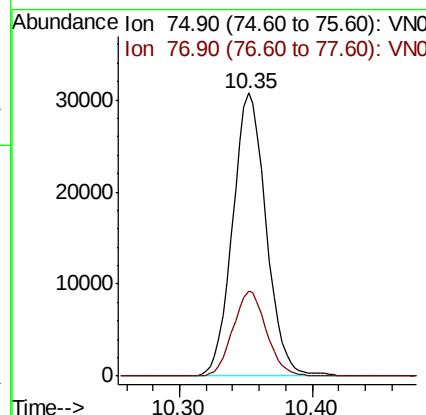
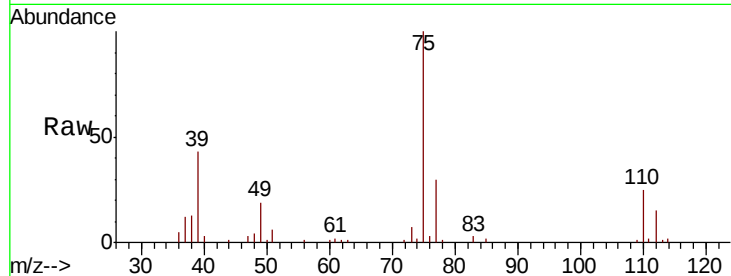




#53
t-1,3-Dichloropropene
Concen: 19.288 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

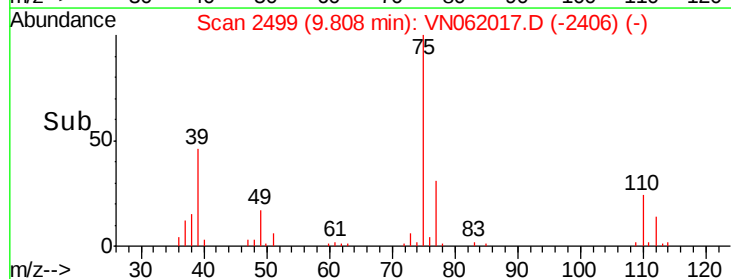
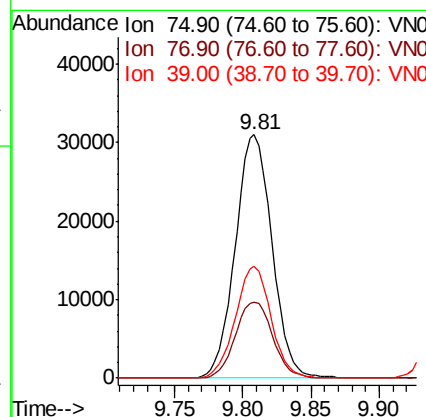
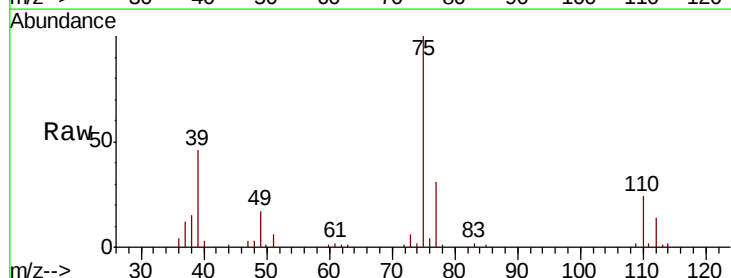
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

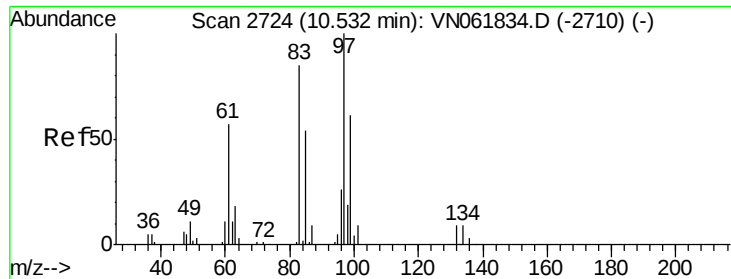
Tot Ion: 75 Resp: 53896
Ion Ratio Lower Upper
75 100
77 29.9 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 19.111 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 75 Resp: 58004
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 46.1 35.4 53.0





#55

1,1,2-Trichloroethane

Concen: 20.775 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

Tot Ion: 97 Resp: 38133

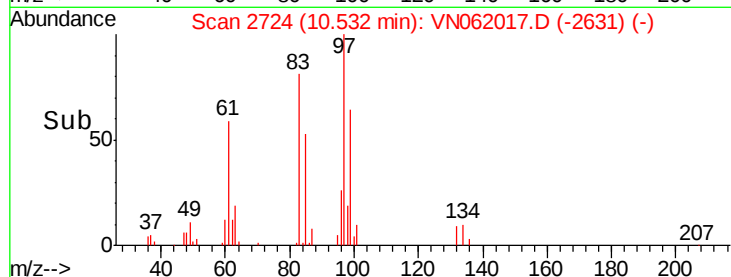
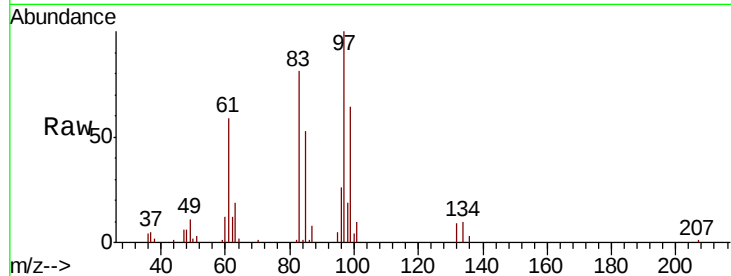
Ion	Ratio	Lower	Upper
97	100		
83	81.0	67.7	101.5
85	53.4	43.4	65.0
99	64.0	48.8	73.2

97 100

83 81.0 67.7 101.5

85 53.4 43.4 65.0

99 64.0 48.8 73.2



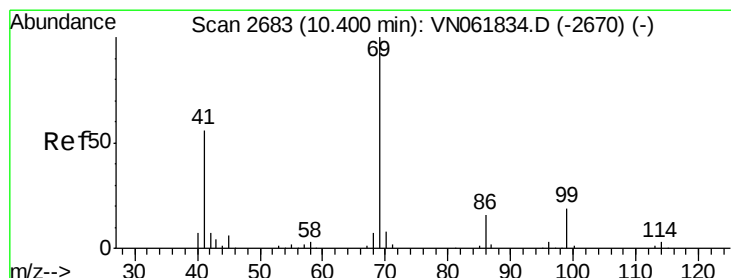
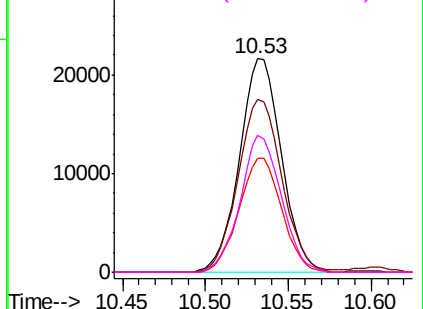
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.477 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

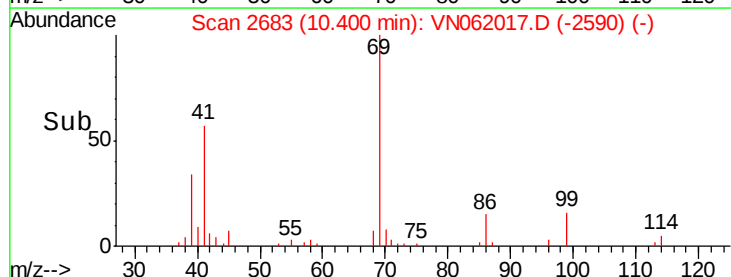
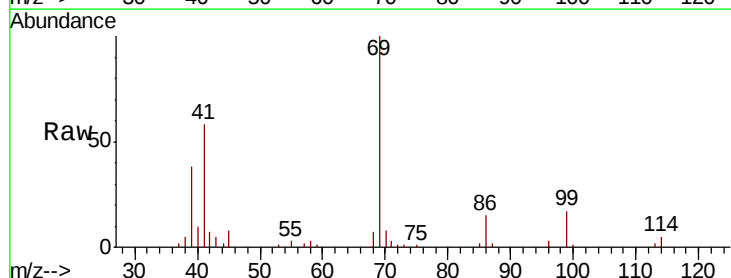
Tgt Ion: 69 Resp: 49332

Ion	Ratio	Lower	Upper
69	100		
41	56.8	44.9	67.3
39	36.6	30.0	45.0

69 100

41 56.8 44.9 67.3

39 36.6 30.0 45.0

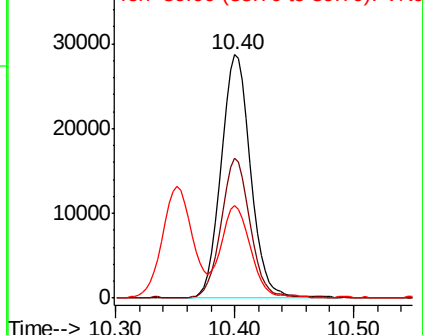


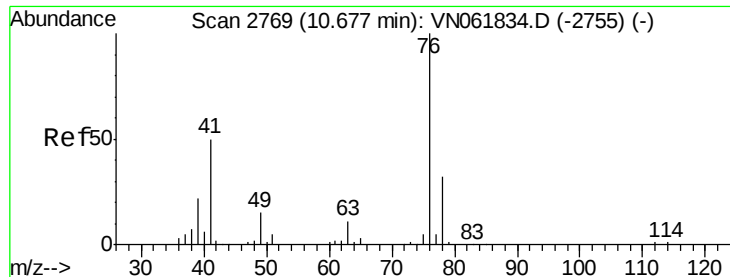
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

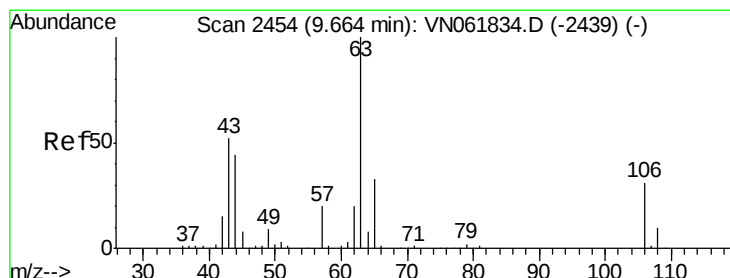
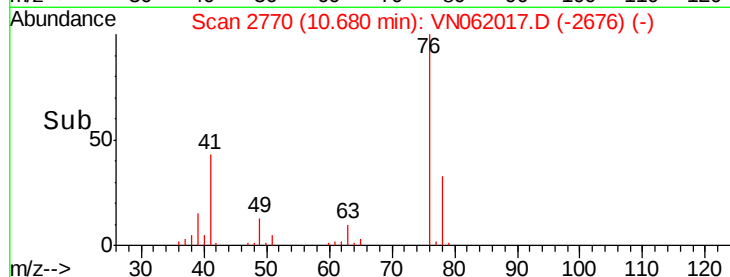
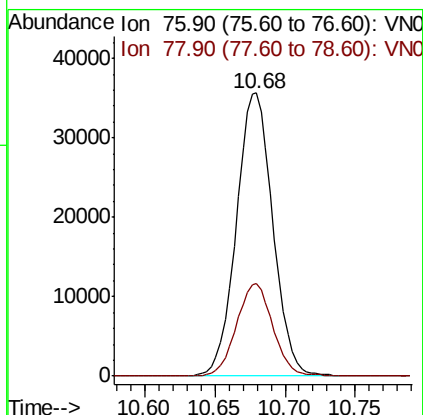
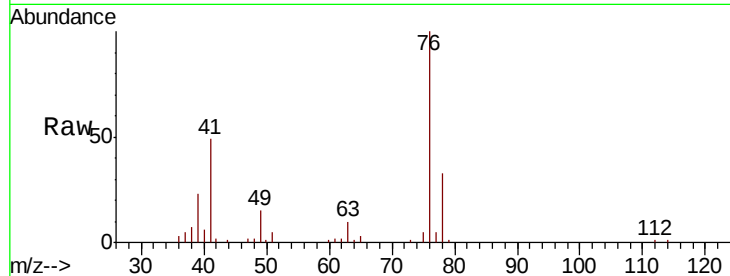




#57
 1,3-Dichloropropane
 Concen: 20.753 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

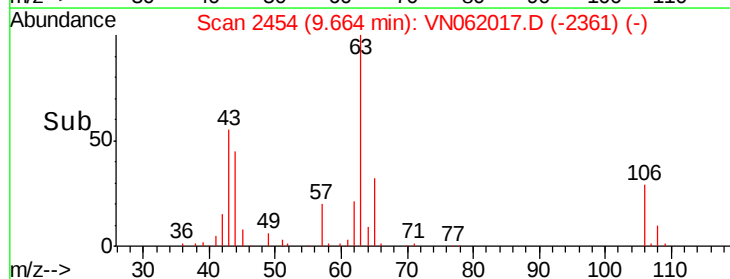
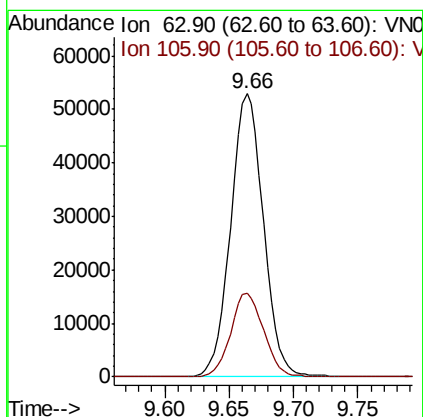
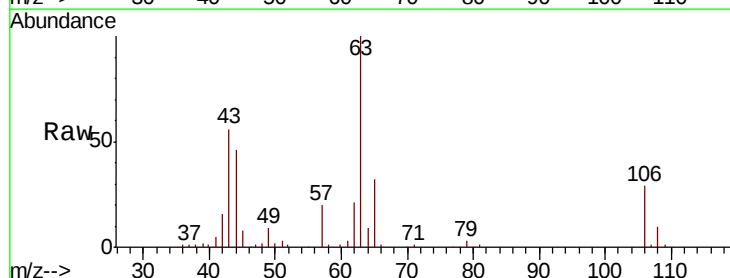
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

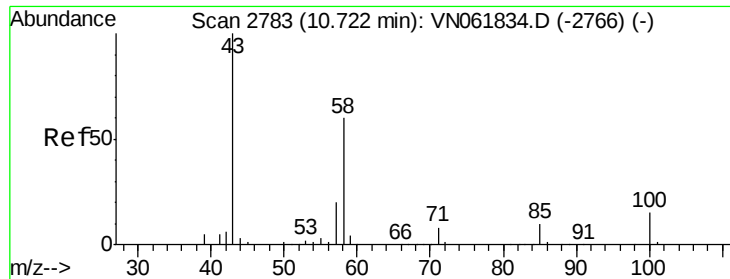
Tot Ion: 76 Resp: 64533
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.456 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion: 63 Resp: 93438
 Ion Ratio Lower Upper
 63 100
 106 29.6 24.6 36.8





#59

2-Hexanone

Concen: 104.043 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

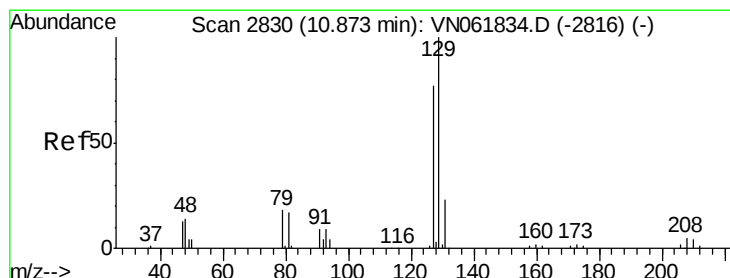
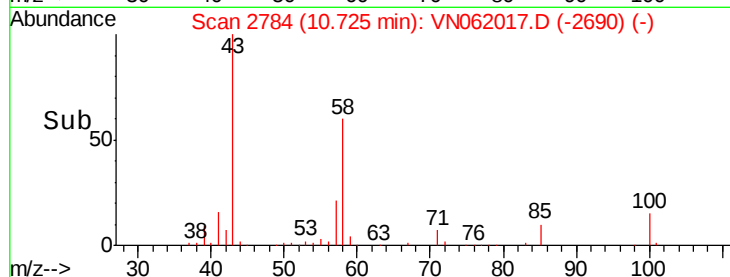
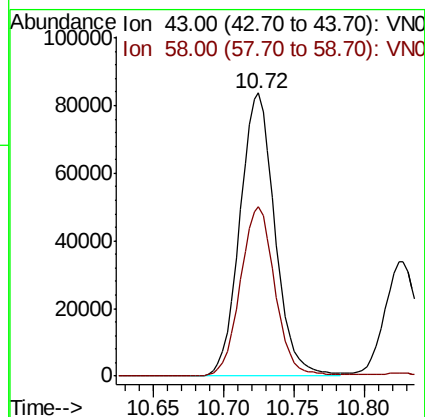
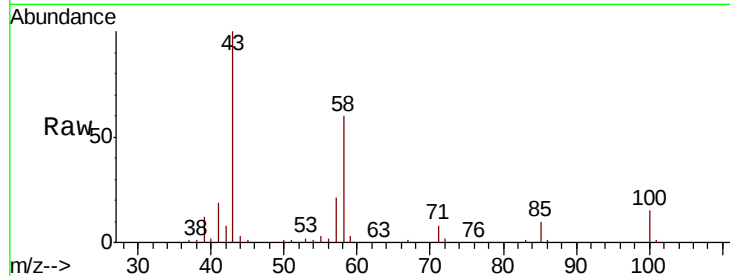
VN0622WBS02

Tot Ion: 43 Resp: 145910

Ion Ratio Lower Upper

43 100

58 59.3 30.1 90.5



#60

Dibromochloromethane

Concen: 19.191 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN062017.D

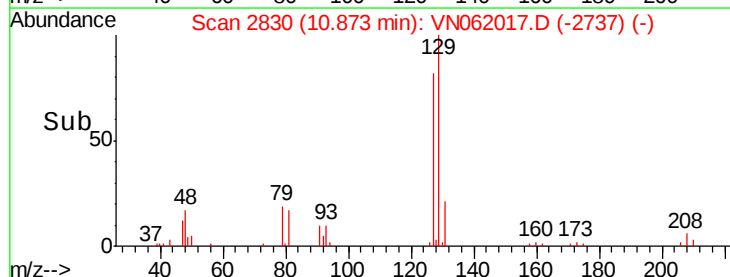
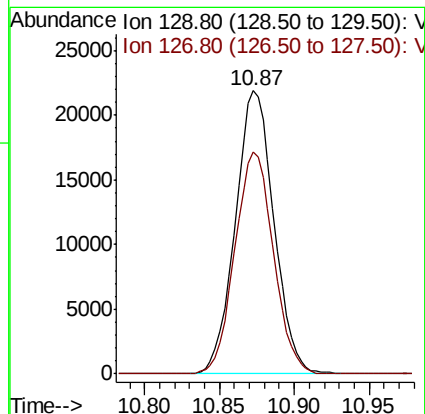
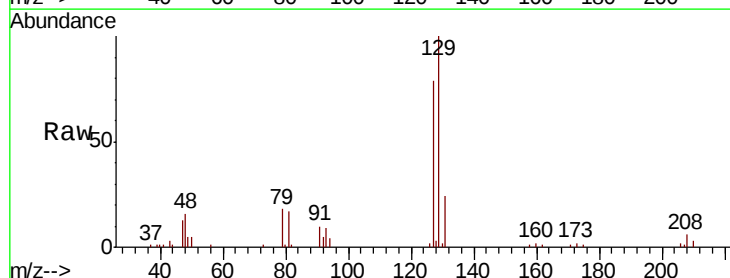
Acq: 22 Jun 2020 23:32

Tgt Ion: 129 Resp: 39305

Ion Ratio Lower Upper

129 100

127 78.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.158 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

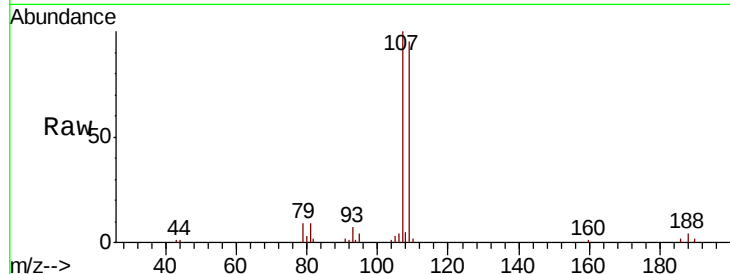
VN0622WBS02

Tot Ion:107 Resp: 36718

Ion Ratio Lower Upper

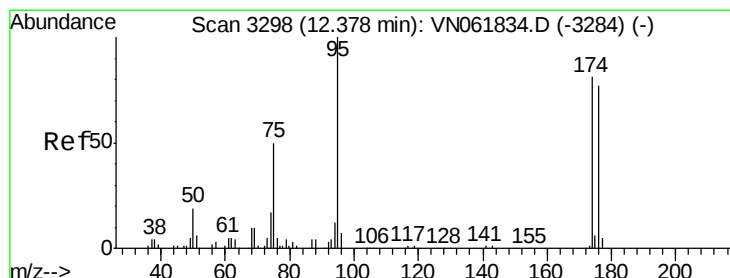
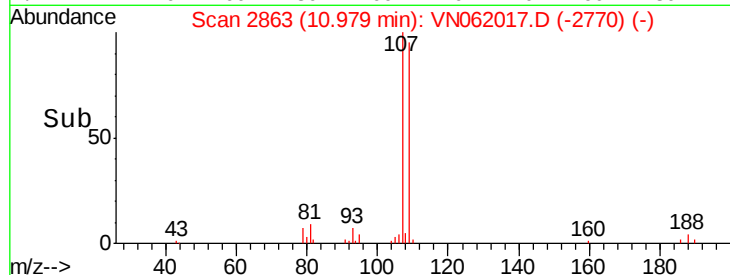
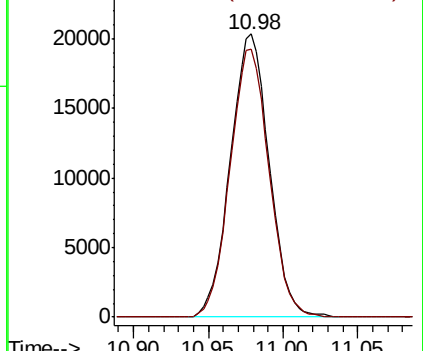
107 100

109 95.2 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.305 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

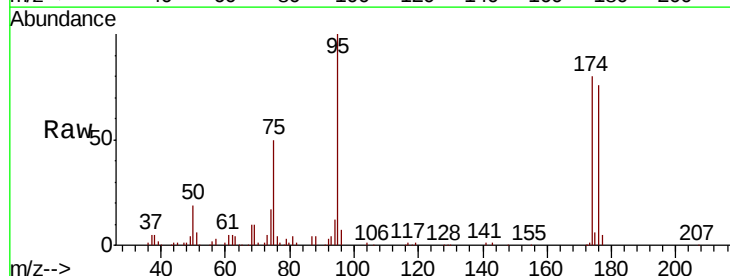
Tgt Ion: 95 Resp: 114357

Ion Ratio Lower Upper

95 100

174 79.8 0.0 158.6

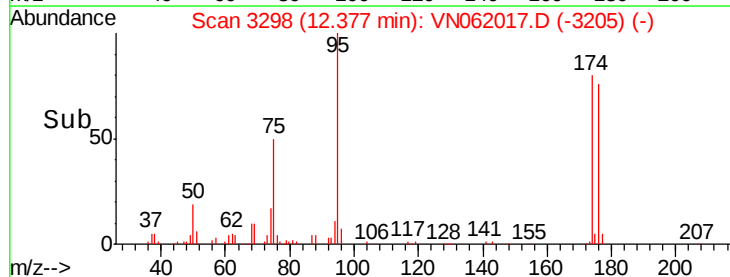
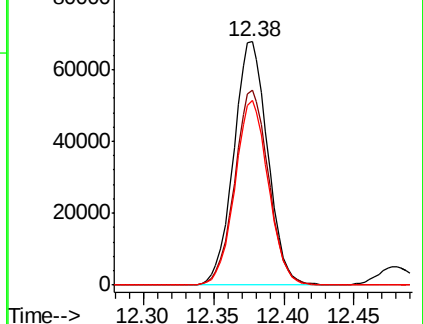
176 74.8 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

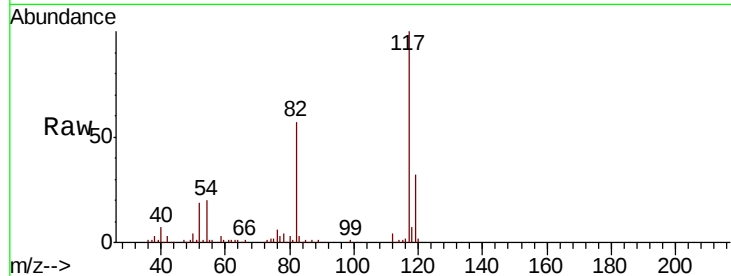




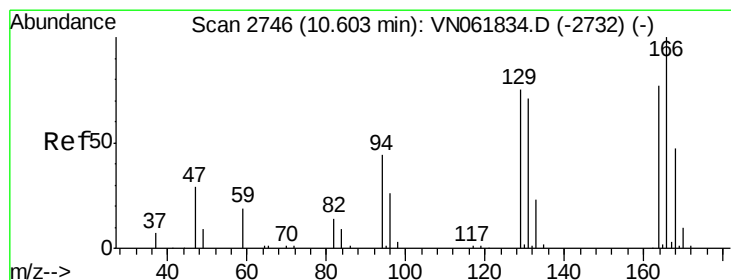
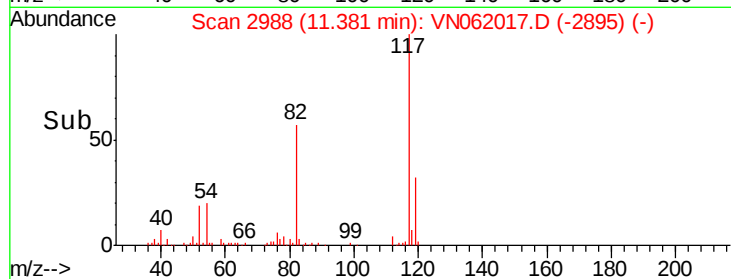
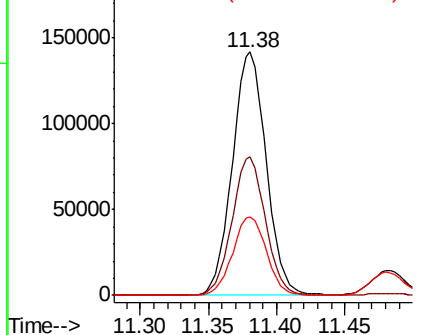
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion:117 Resp: 244829
Ion Ratio Lower Upper
117 100
82 56.9 42.6 64.0
119 32.4 24.7 37.1

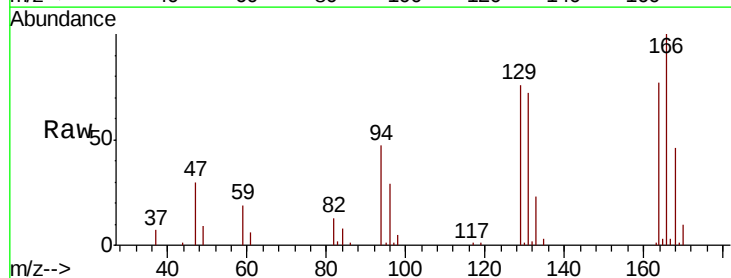


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

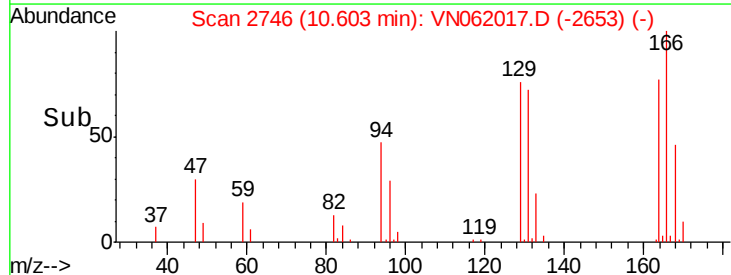
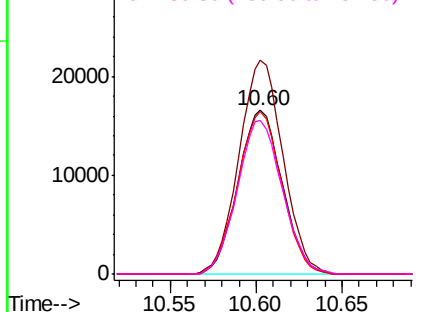


#64
Tetrachloroethene
Concen: 18.910 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion:164 Resp: 29508
Ion Ratio Lower Upper
164 100
166 130.6 103.5 155.3
129 99.1 77.5 116.3
131 94.0 73.8 110.8



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

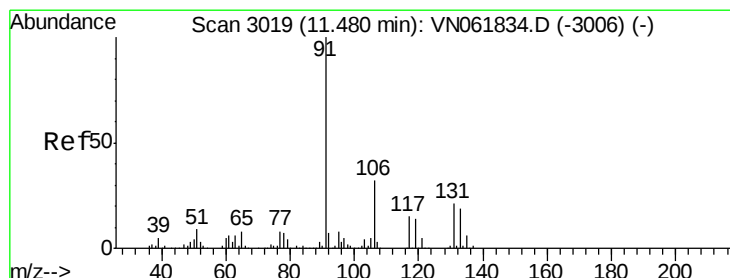
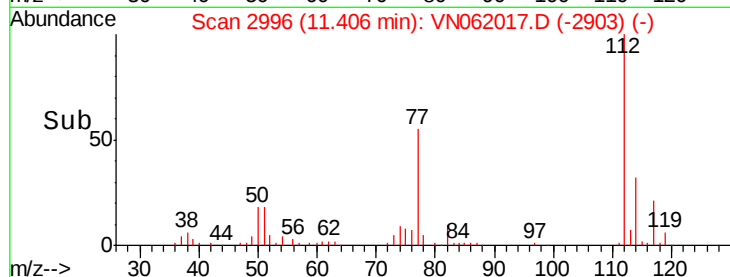
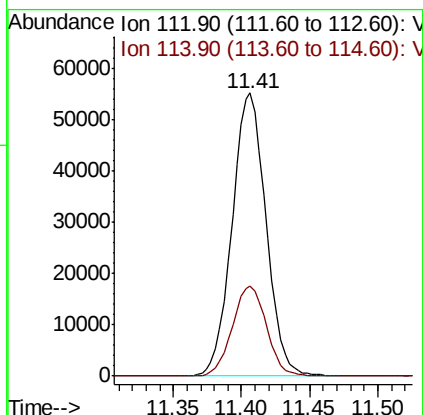
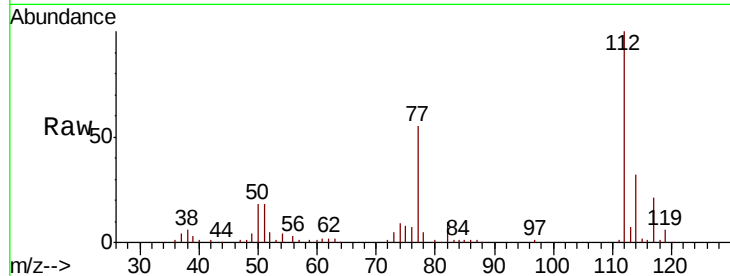




#65
Chlorobenzene
Concen: 18.421 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

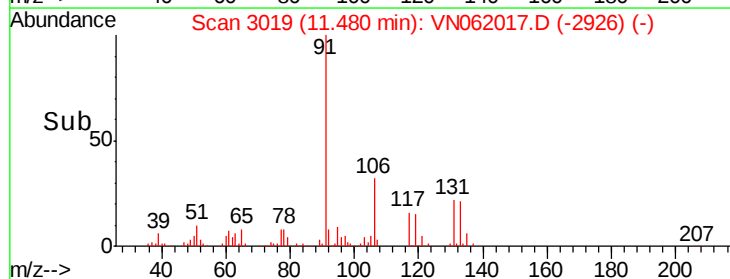
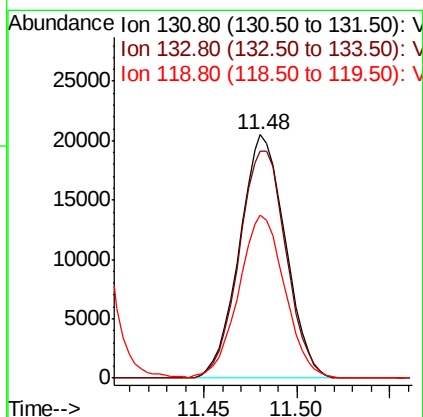
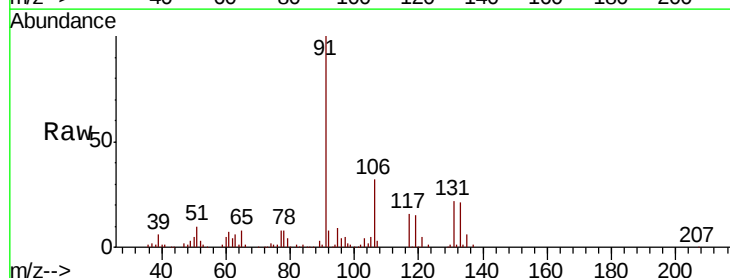
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

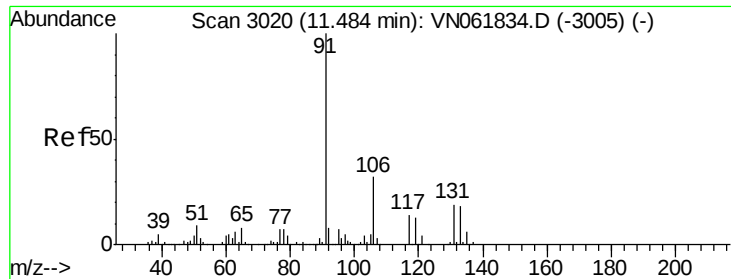
Tot Ion:112 Resp: 95163
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.521 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion:131 Resp: 35172
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.5
119 67.3 34.0 101.8

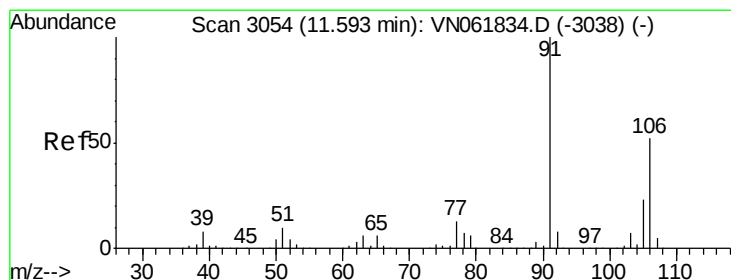
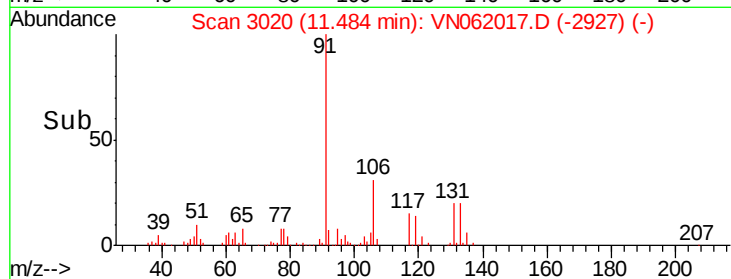
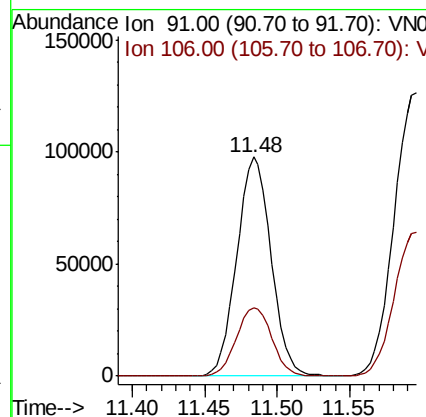
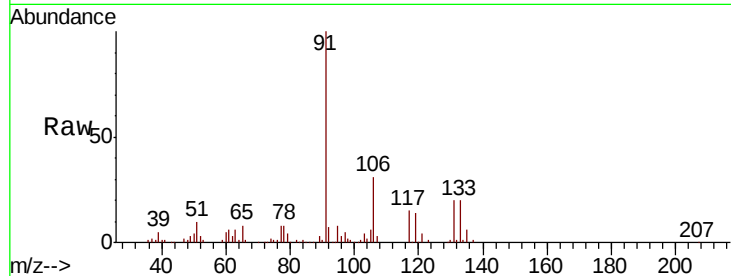




#67
Ethyl Benzene
Concen: 18.559 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

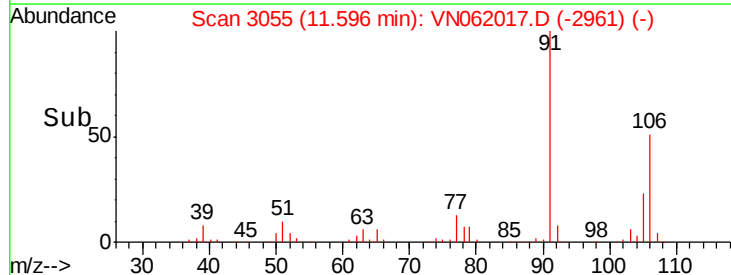
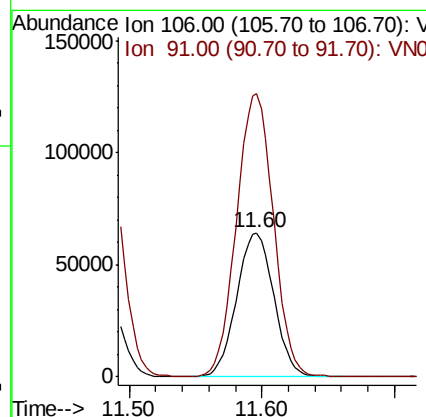
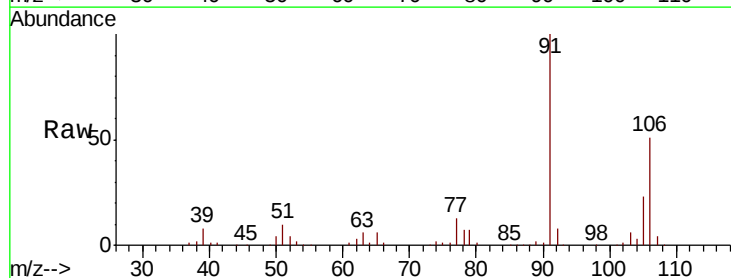
Instrument :
MSVOA_N
ClientSampled :
VN0622WBS02

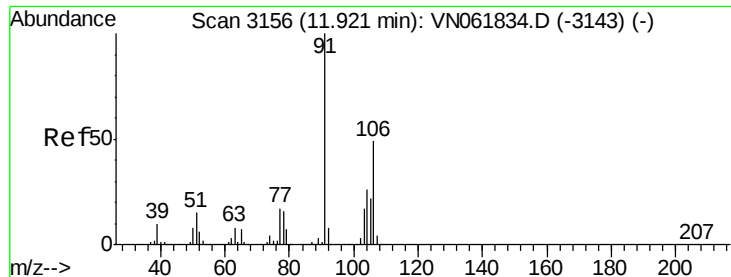
Tot Ion: 91 Resp: 160752
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2



#68
m/p-Xylenes
Concen: 37.504 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion: 106 Resp: 125260
Ion Ratio Lower Upper
106 100
91 195.5 157.0 235.6

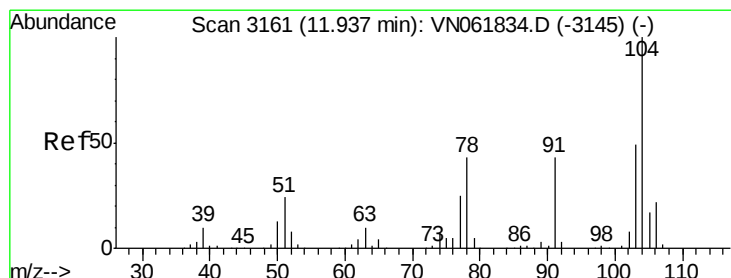
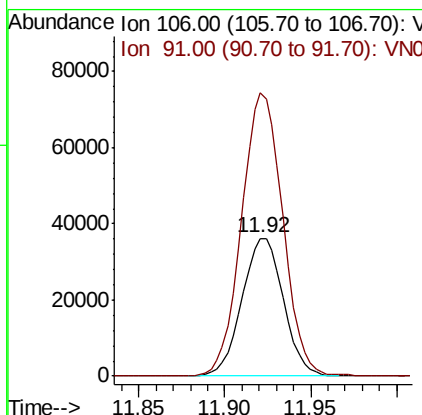
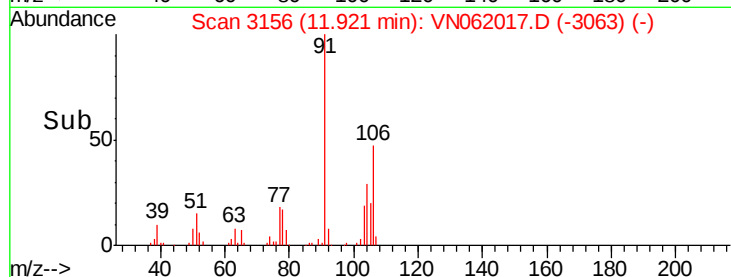
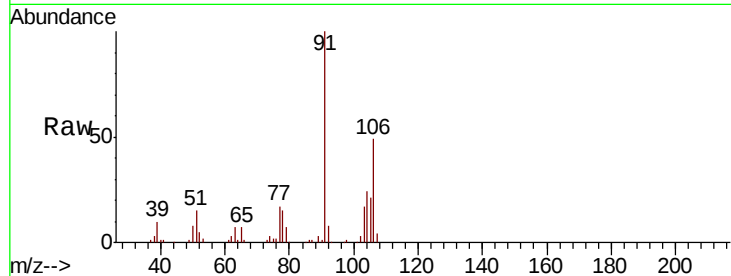




#69
o-Xylene
Concen: 19.004 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

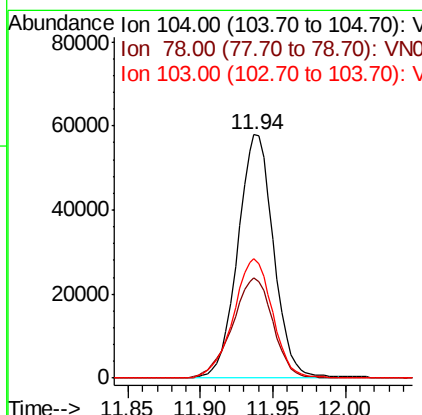
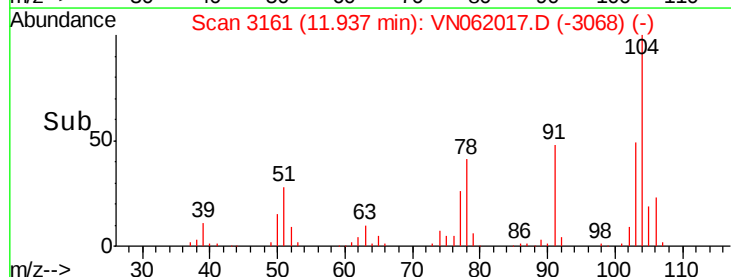
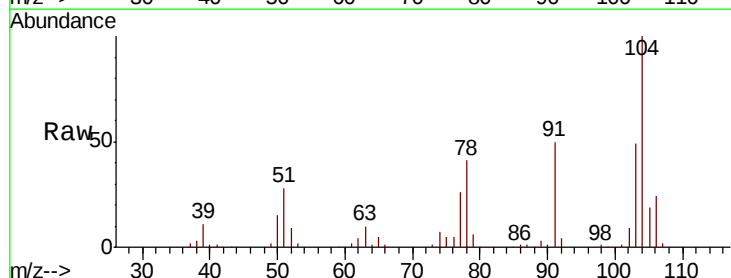
Instrument :
MSVOA_N
ClientSampled :
VN0622WBS02

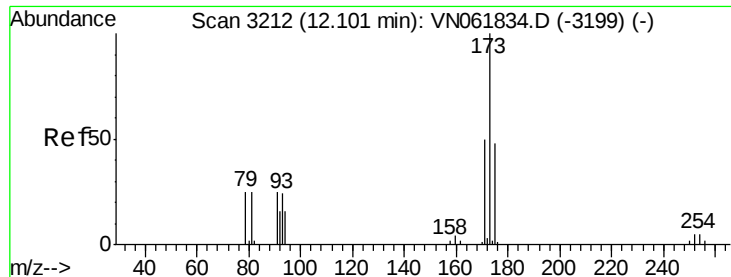
Tot Ion:106 Resp: 60561
Ion Ratio Lower Upper
106 100
91 205.3 103.0 308.9



#70
Styrene
Concen: 18.628 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion:104 Resp: 99398
Ion Ratio Lower Upper
104 100
78 46.6 37.6 56.4
103 53.6 43.0 64.4





#71

Bromoform

Concen: 19.910 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

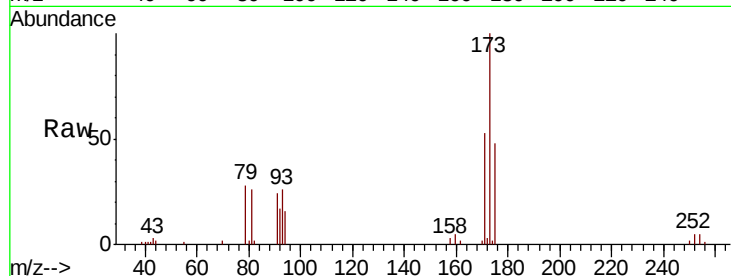
Tot Ion:173 Resp: 26157

Ion Ratio Lower Upper

173 100

175 47.4 23.9 71.7

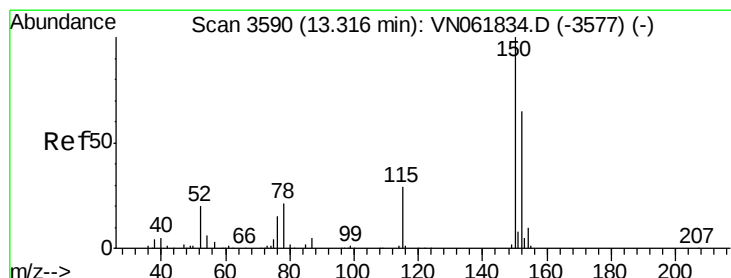
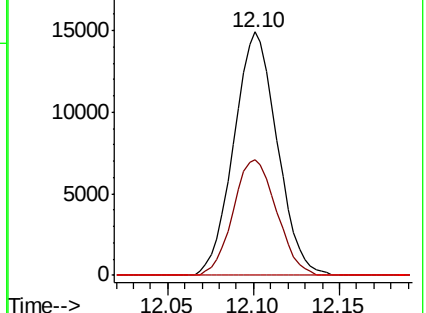
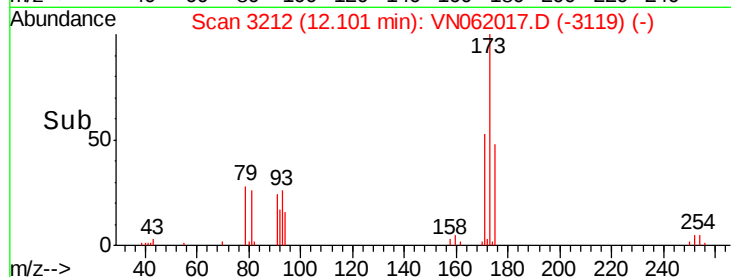
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

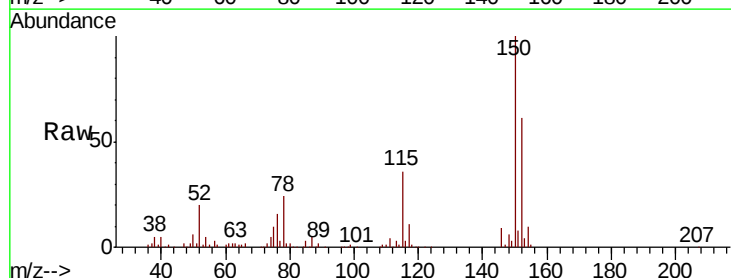
Tgt Ion:152 Resp: 110550

Ion Ratio Lower Upper

152 100

115 59.2 29.1 87.3

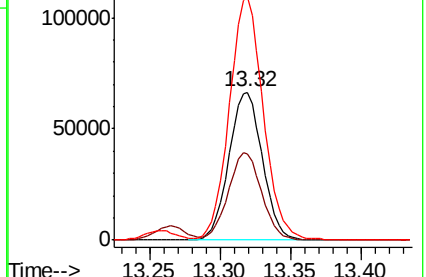
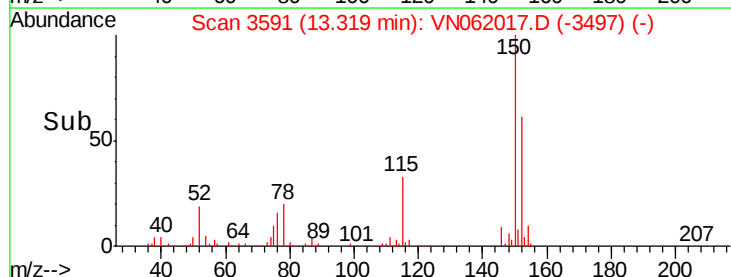
150 166.6 0.0 347.6

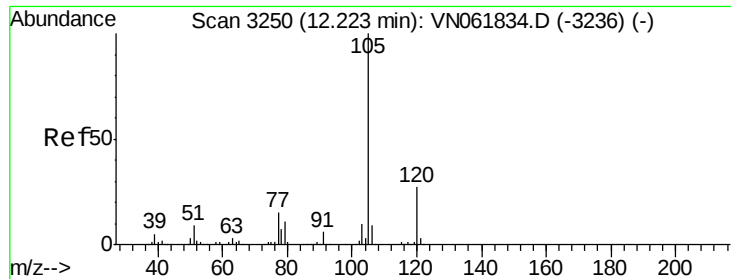


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.690 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

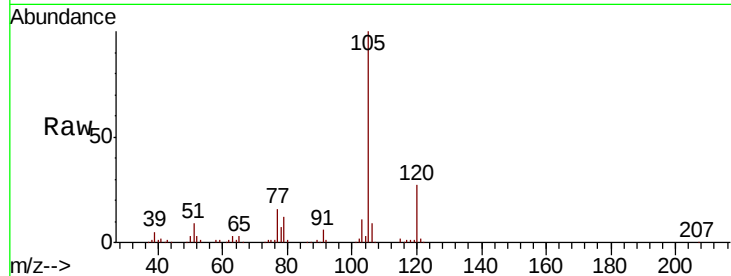
VN0622WBS02

Tot Ion:105 Resp: 154684

Ion Ratio Lower Upper

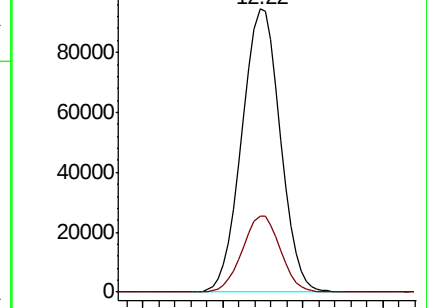
105 100

120 26.6 13.3 39.8

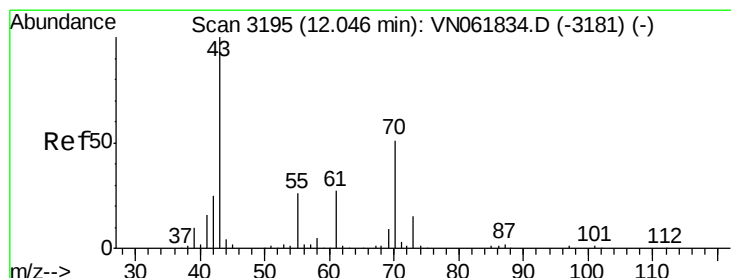
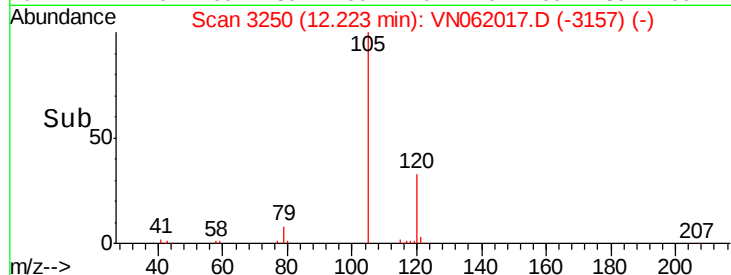


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 19.917 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Tgt Ion: 43 Resp: 51075

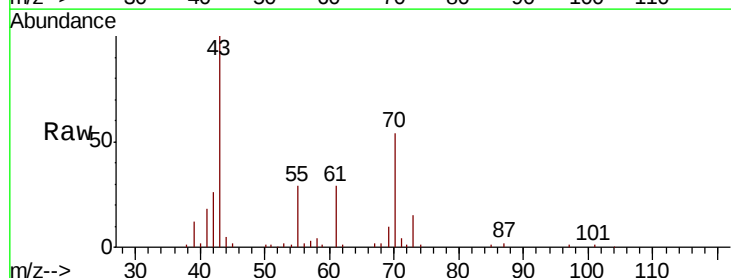
Ion Ratio Lower Upper

43 100

70 52.3 40.6 60.8

55 29.2 21.5 32.3

61 27.1 21.6 32.4

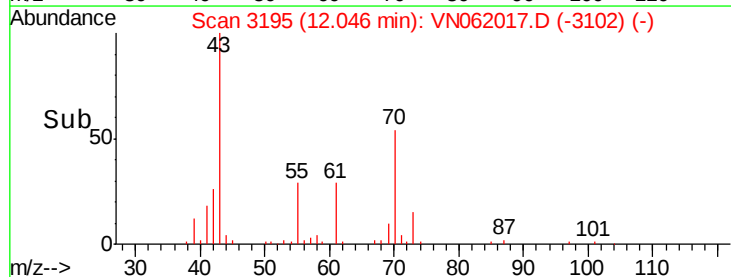
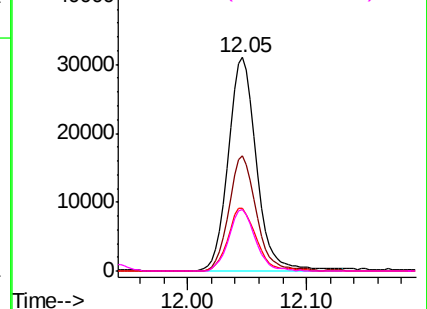


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.671 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

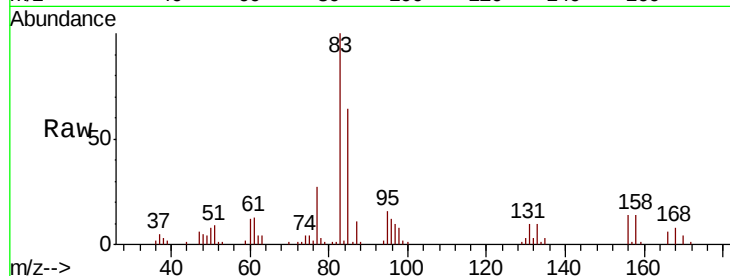
Tot Ion: 83 Resp: 55349

Ion Ratio Lower Upper

83 100

131 9.9 5.0 15.0

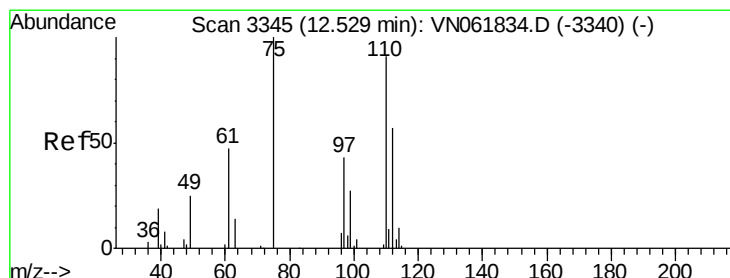
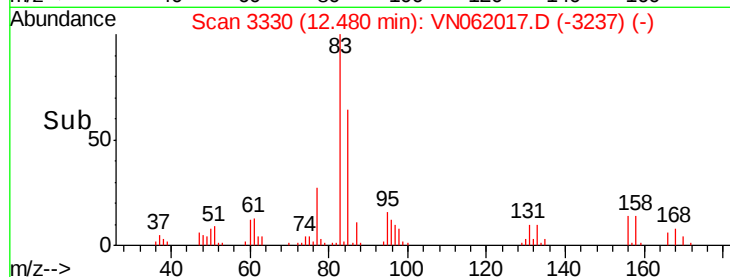
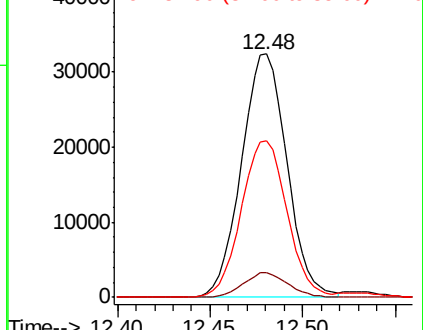
85 64.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN062017.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062017.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062017.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 30.442 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062017.D

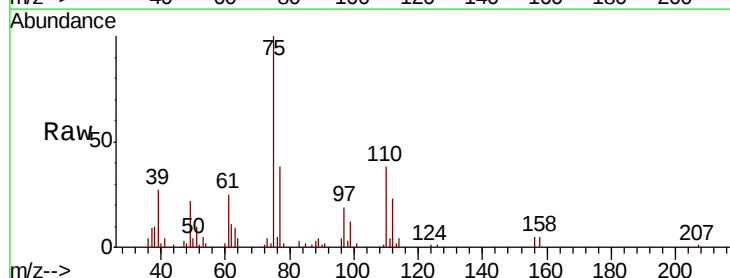
Acq: 22 Jun 2020 23:32

Tgt Ion: 75 Resp: 66070

Ion Ratio Lower Upper

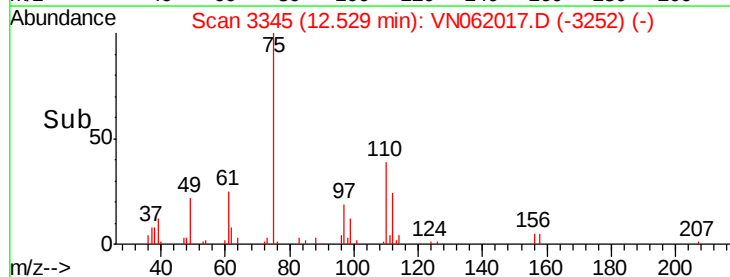
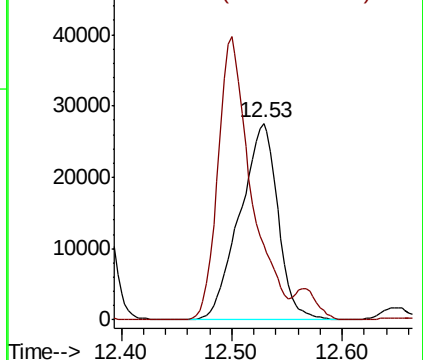
75 100

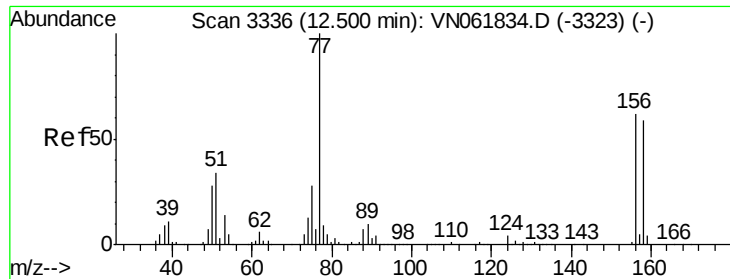
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062017.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062017.D (-3252) (-)





#77

Bromobenzene

Concen: 19.949 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampled :

VN0622WBS02

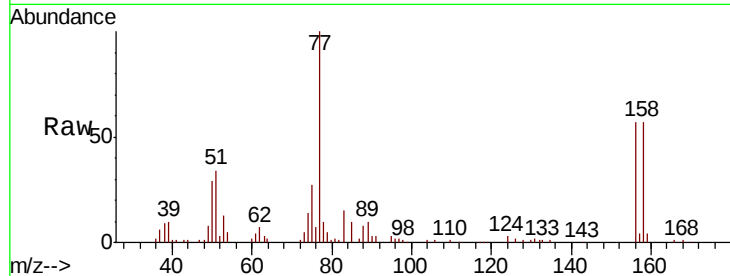
Tot Ion:156 Resp: 39538

Ion Ratio Lower Upper

156 100

77 208.7 100.7 302.1

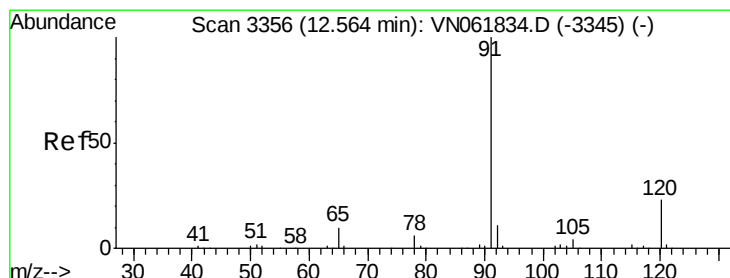
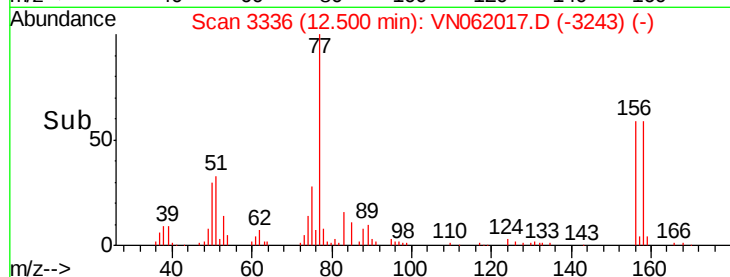
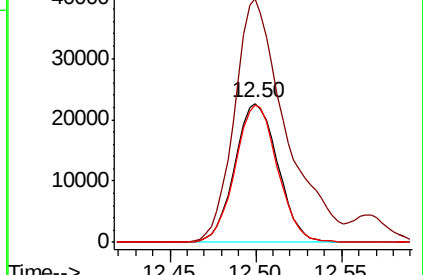
158 97.1 48.5 145.5



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: 19.438 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062017.D

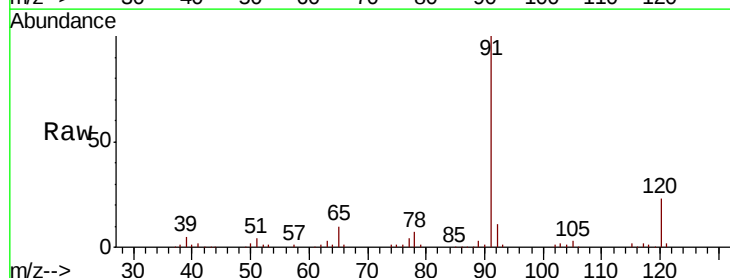
Acq: 22 Jun 2020 23:32

Tgt Ion: 91 Resp: 174238

Ion Ratio Lower Upper

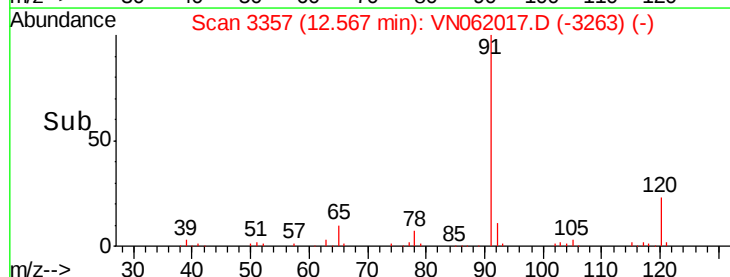
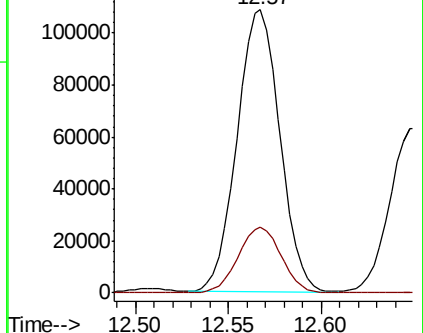
91 100

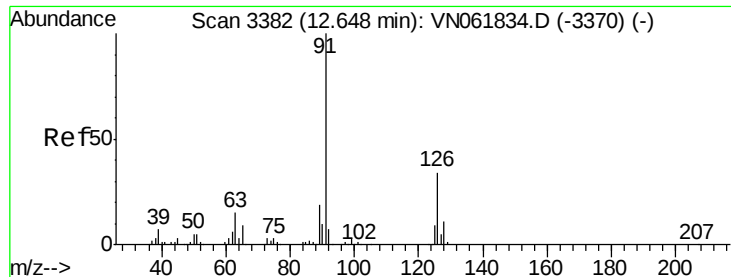
120 23.5 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

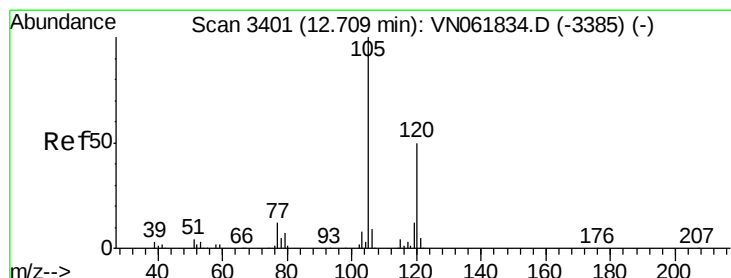
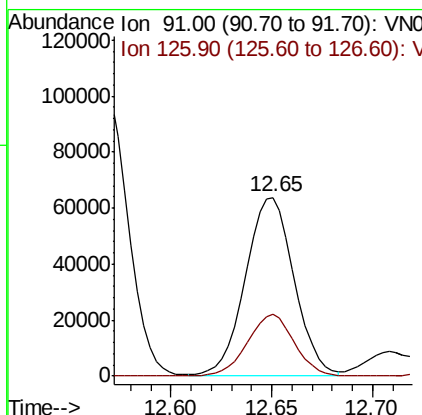
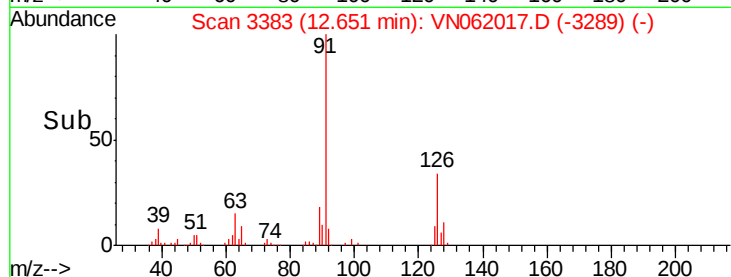
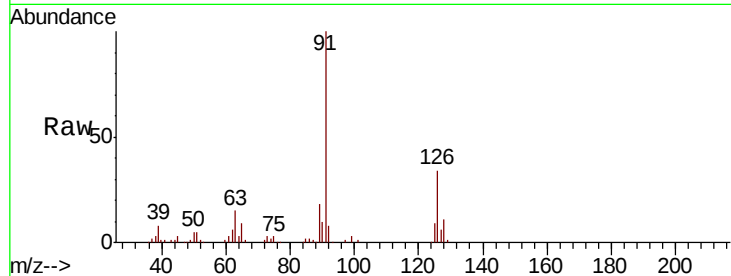




#79
 2-Chlorotoluene
 Concen: 19.800 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

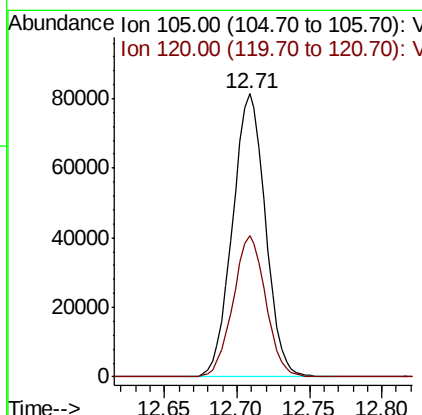
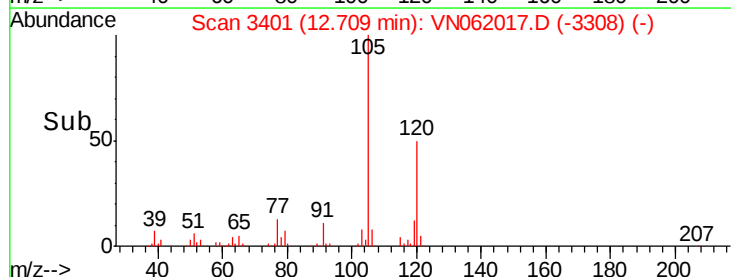
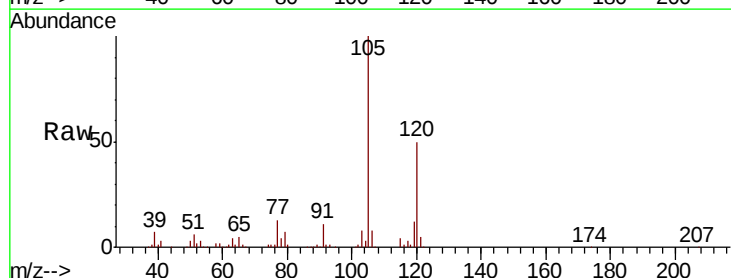
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0622WBS02

Tot Ion: 91 Resp: 106594
 Ion Ratio Lower Upper
 91 100
 126 33.6 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.708 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion: 105 Resp: 128091
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 19.694 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

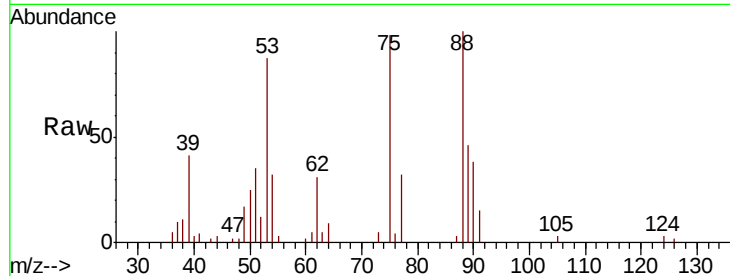
Tot Ion: 75 Resp: 15672

Ion Ratio Lower Upper

75 100

53 90.9 70.4 105.6

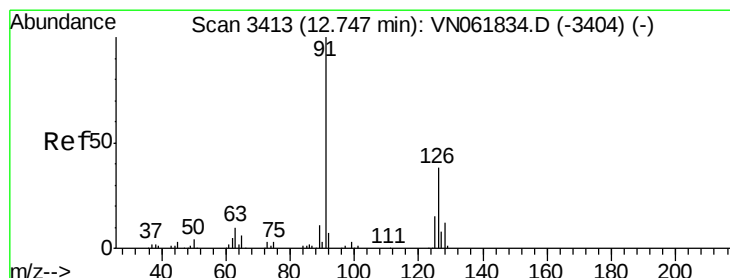
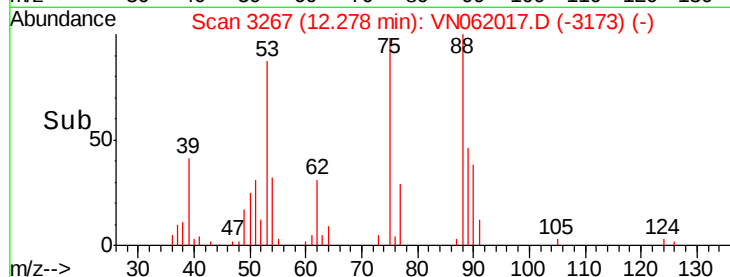
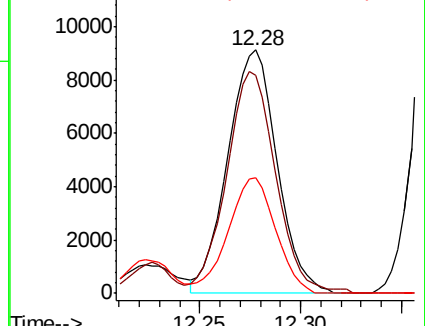
89 45.7 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN062017.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062017.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062017.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 19.396 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062017.D

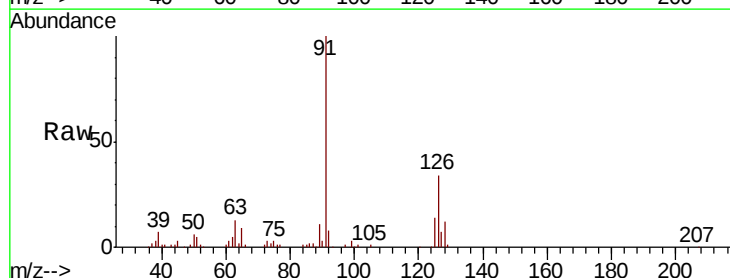
Acq: 22 Jun 2020 23:32

Tgt Ion: 91 Resp: 107897

Ion Ratio Lower Upper

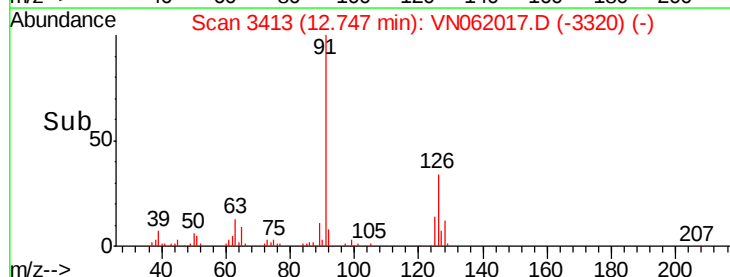
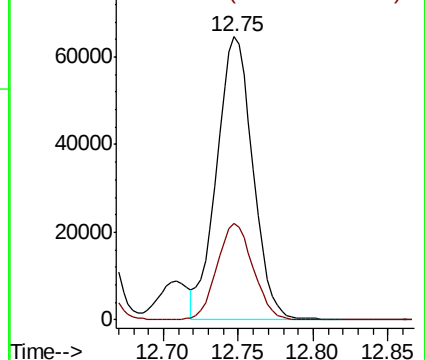
91 100

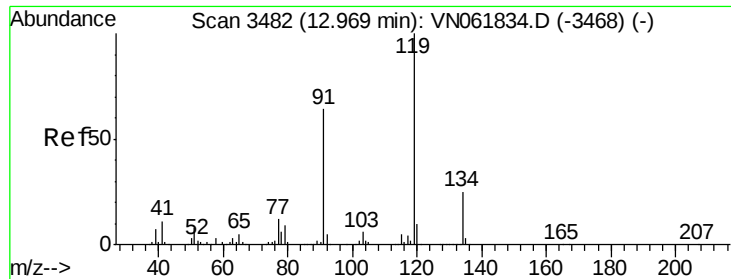
126 34.1 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN062017.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062017.D (-3320) (-)

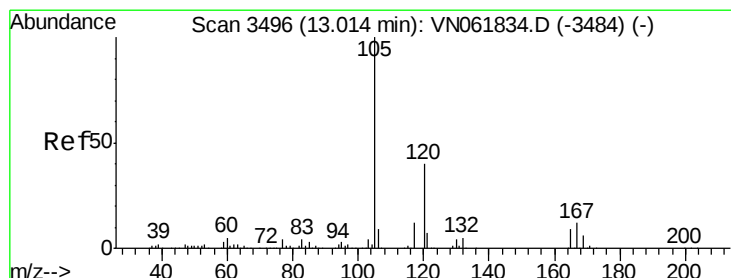
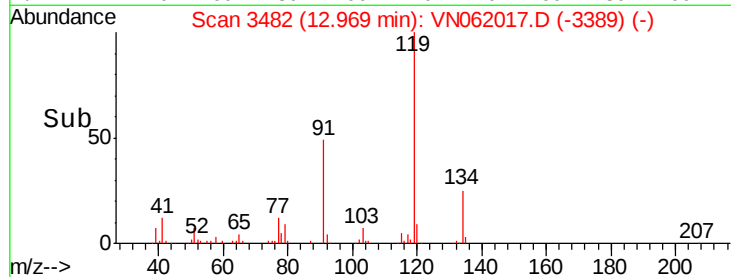
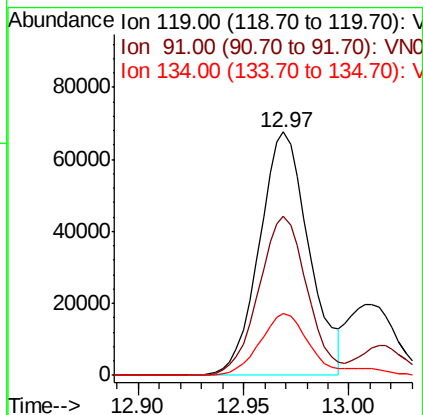
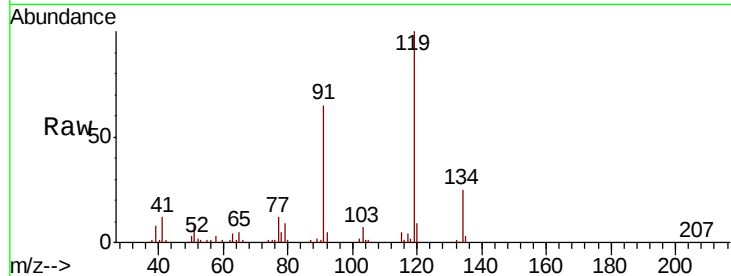




#83
tert-Butylbenzene
Concen: 19.987 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

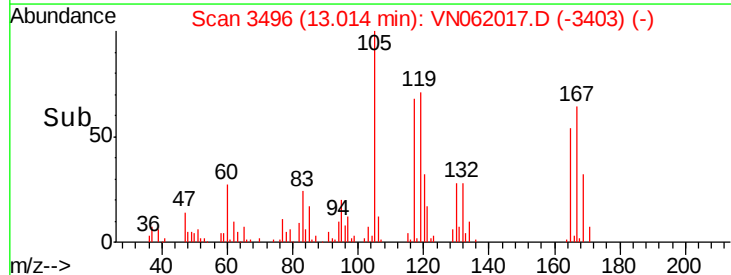
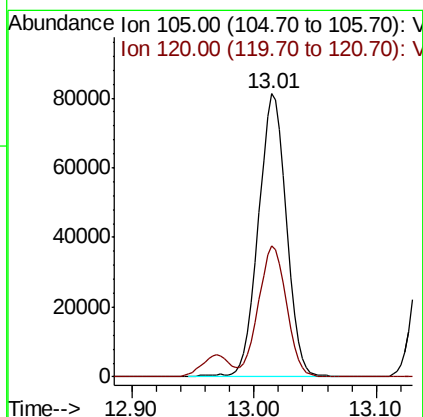
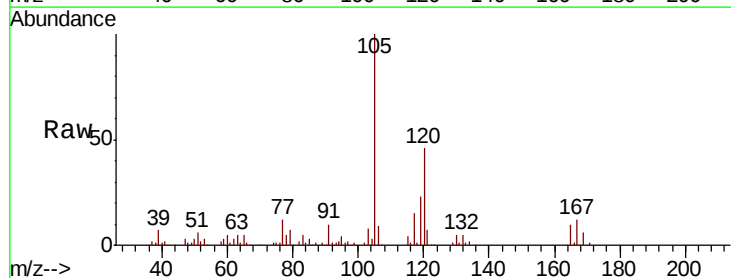
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

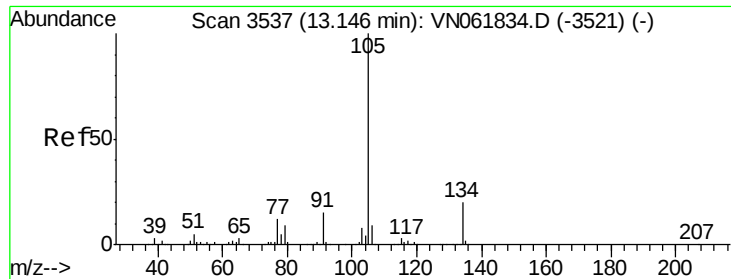
Tot Ion:119 Resp: 110127
Ion Ratio Lower Upper
119 100
91 63.9 31.5 94.5
134 24.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.123 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion:105 Resp: 129101
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.9





#85

sec-Butylbenzene

Concen: 19.784 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

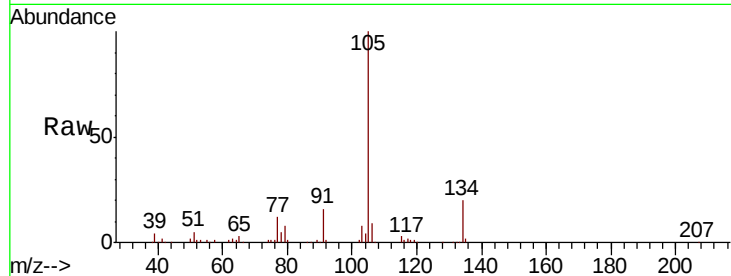
VN0622WBS02

Tot Ion:105 Resp: 142676

Ion Ratio Lower Upper

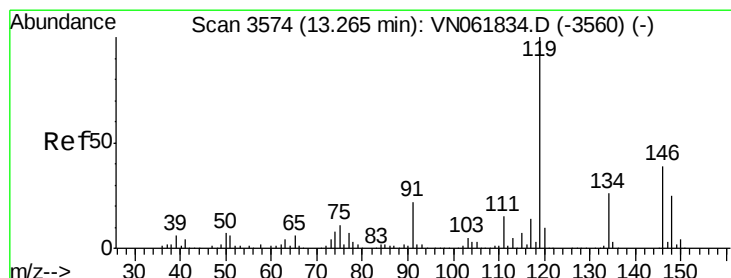
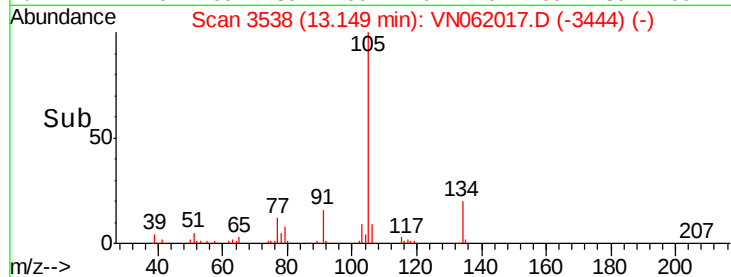
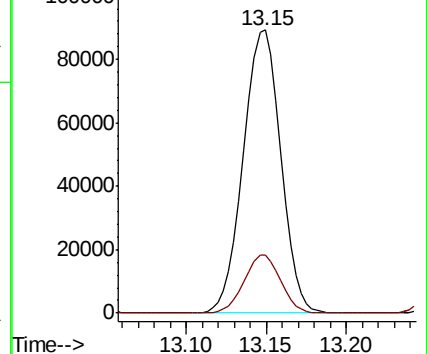
105 100

134 19.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.689 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

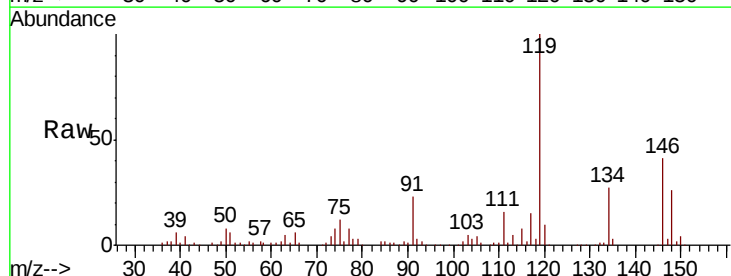
Tgt Ion:119 Resp: 126527

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

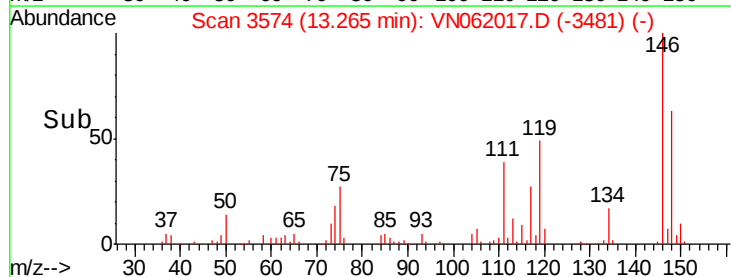
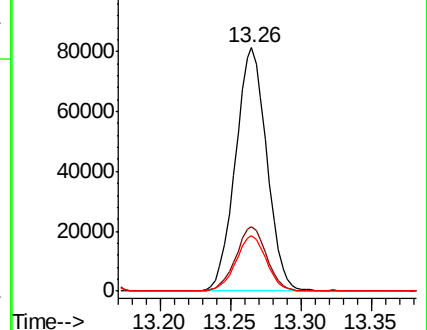
91 22.1 11.2 33.6



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: 18.860 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

Instrument :

MSVOA_N

ClientSampleId :

VN0622WBS02

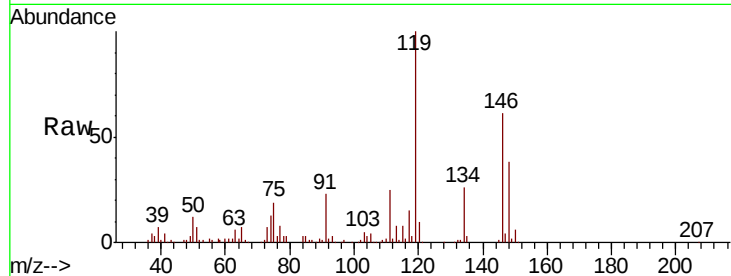
Tot Ion:146 Resp: 68174

Ion Ratio Lower Upper

146 100

111 40.4 19.6 58.8

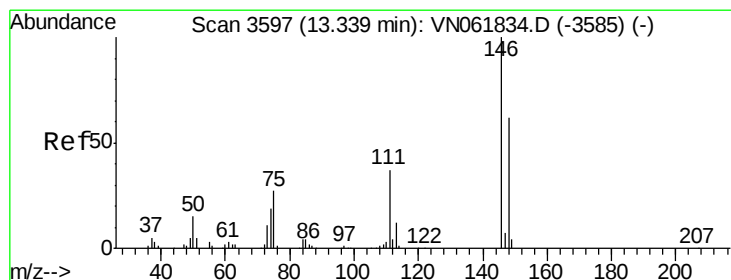
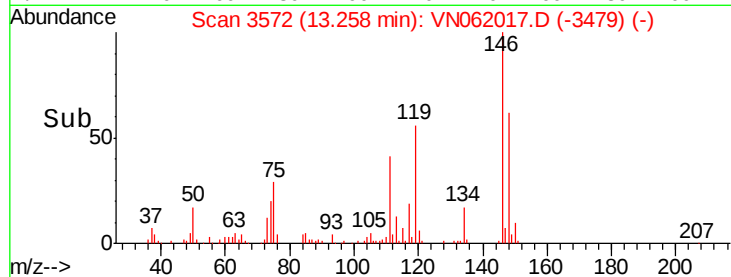
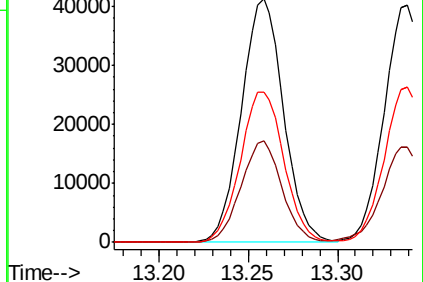
148 63.7 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 18.215 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062017.D

Acq: 22 Jun 2020 23:32

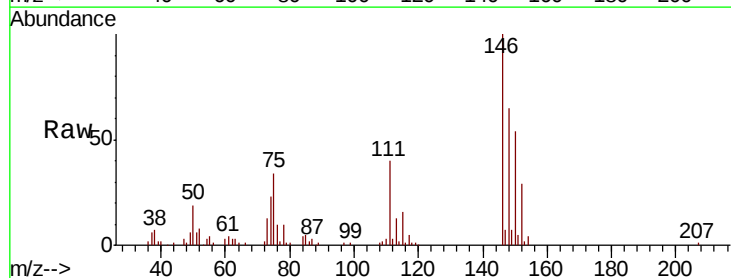
Tgt Ion:146 Resp: 67397

Ion Ratio Lower Upper

146 100

111 41.0 19.3 57.8

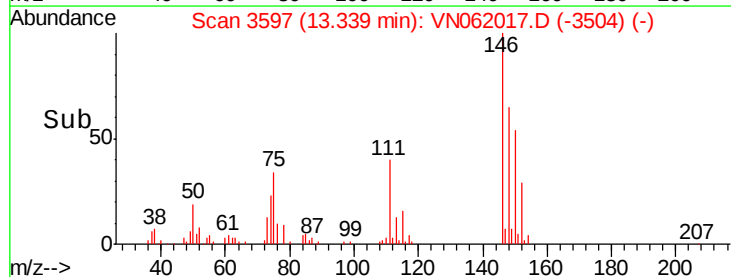
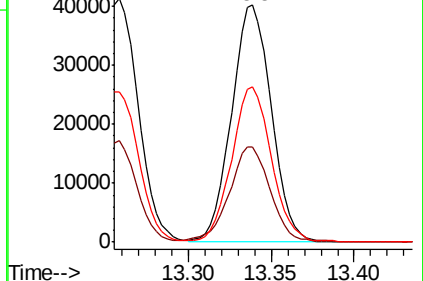
148 65.4 31.6 94.7



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

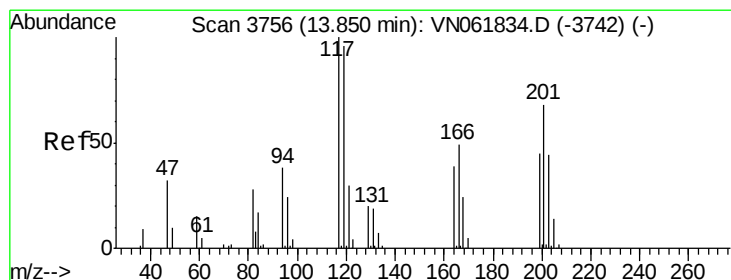
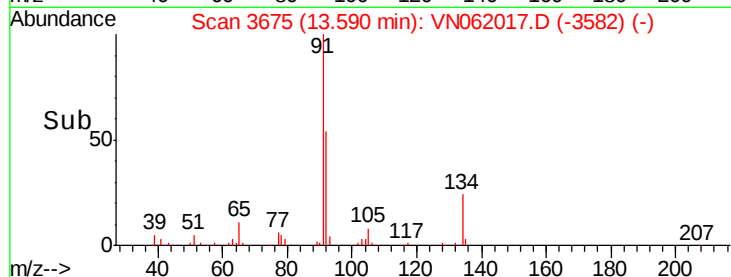
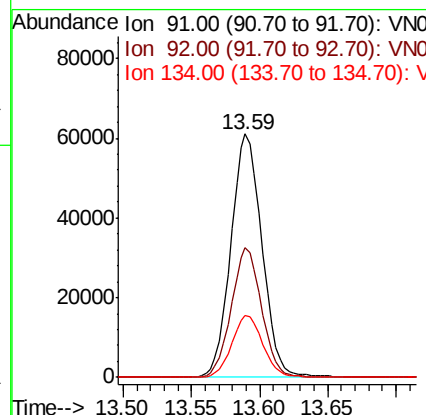
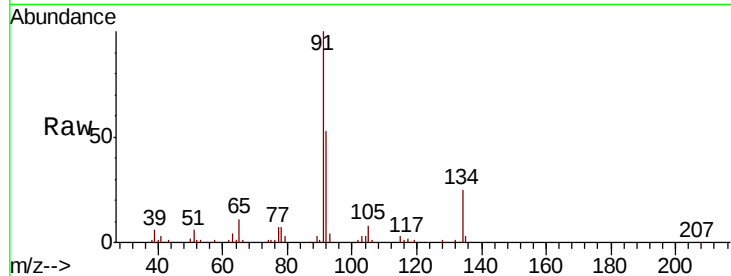




#89
n-Butylbenzene
Concen: 18.030 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

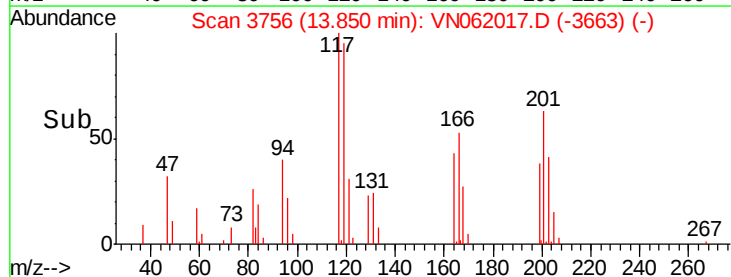
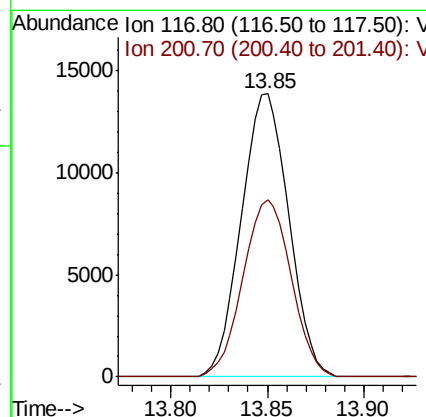
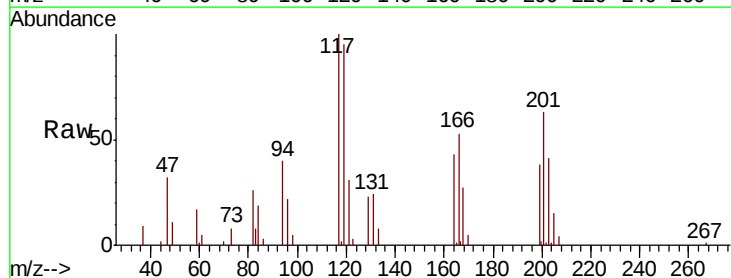
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

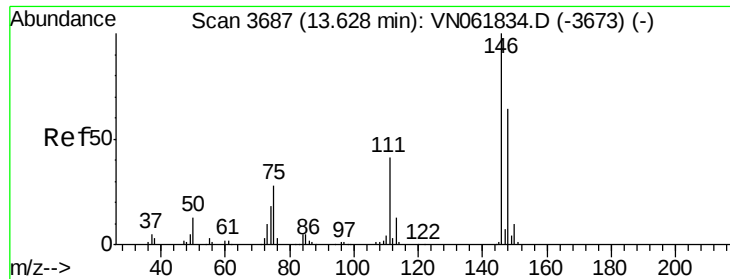
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	27.0	80.8
134	25.2	13.0	39.0



#90
Hexachloroethane
Concen: 20.141 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.5	34.6	103.8

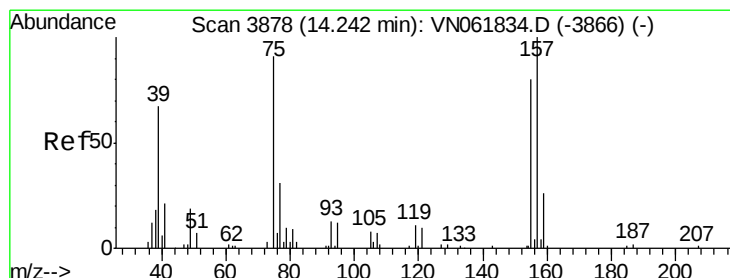
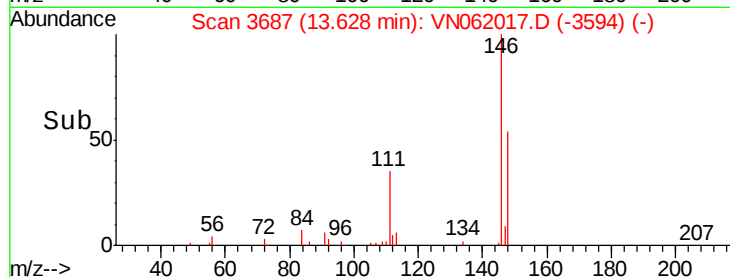
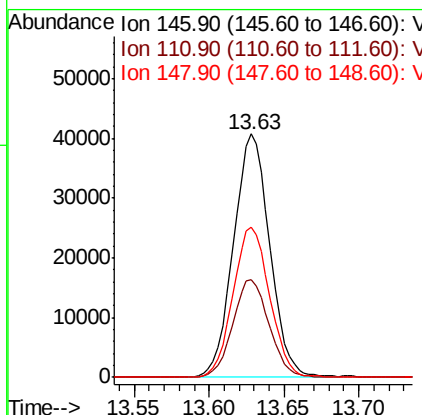
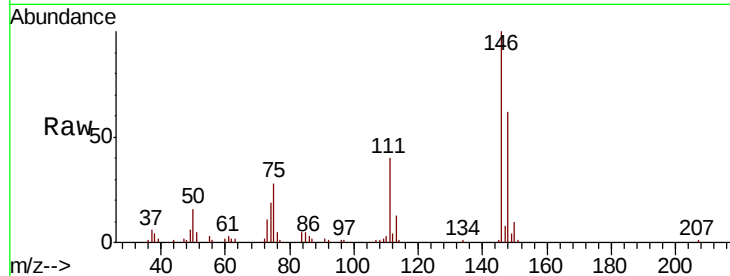




#91
 1,2-Dichlorobenzene
 Concen: 19.737 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

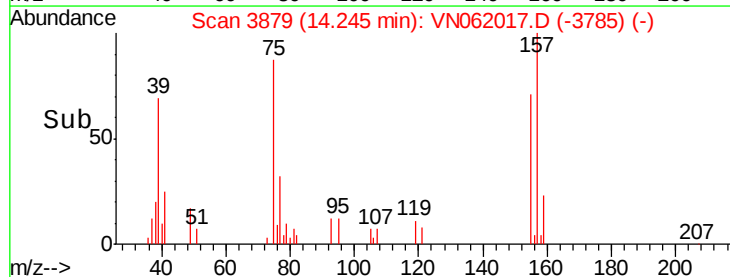
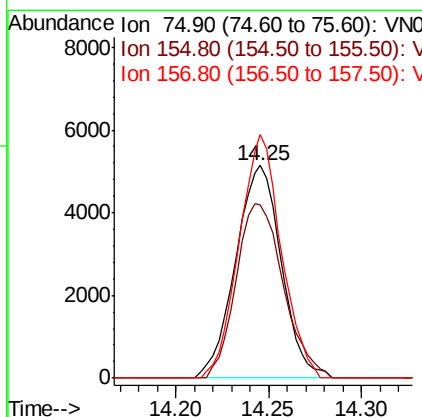
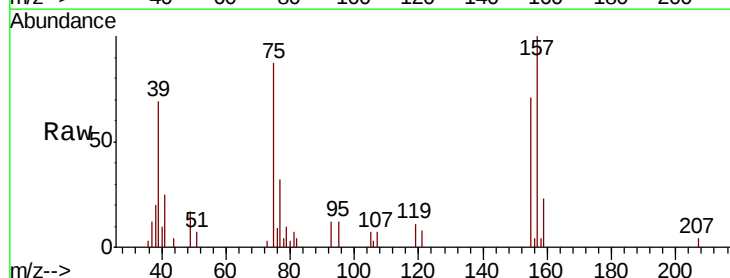
Instrument :
 MSVOA_N
 ClientSampled :
 VN0622WBS02

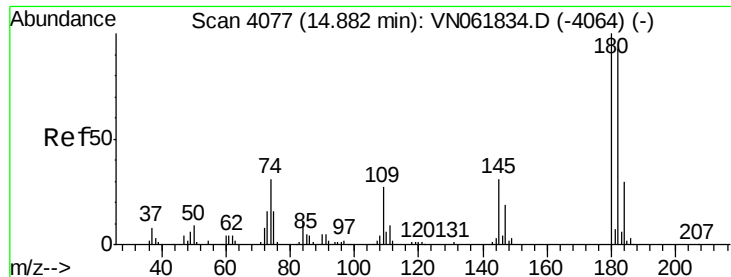
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.4	61.2
148	62.3	31.8	95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.240 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062017.D
 Acq: 22 Jun 2020 23:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	44.4	133.2
157	105.5	57.0	171.2

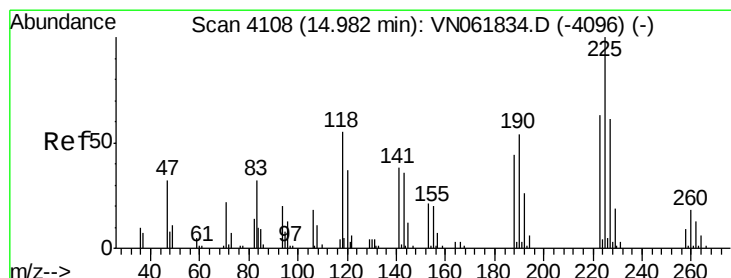
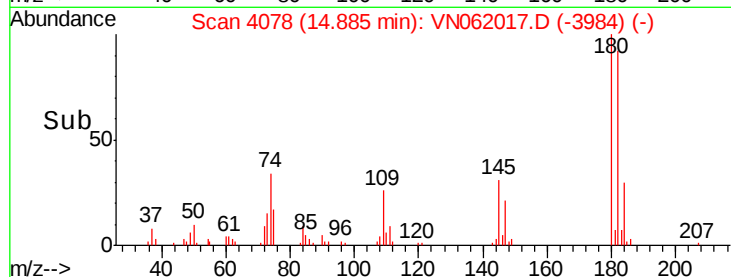
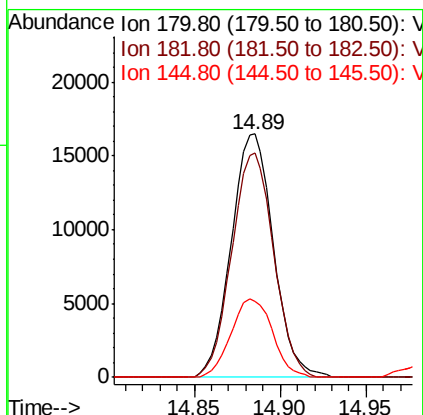
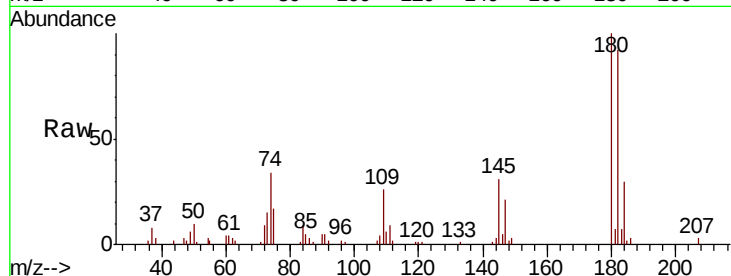




#93
1,2,4-Trichlorobenzene
Concen: 17.046 ug/l
RT: 14.89 min Scan# 4078
Delta R.T. 0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

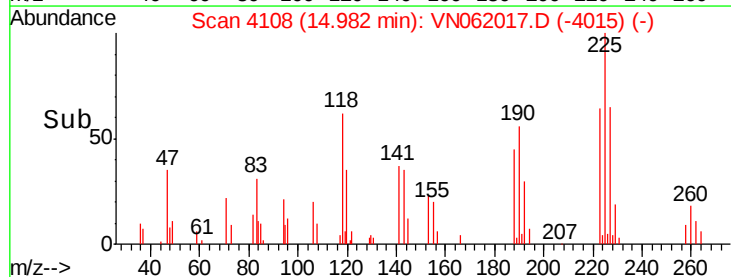
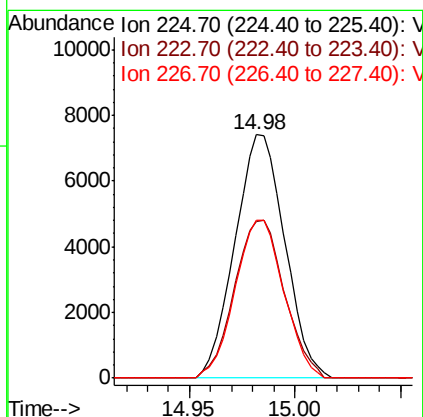
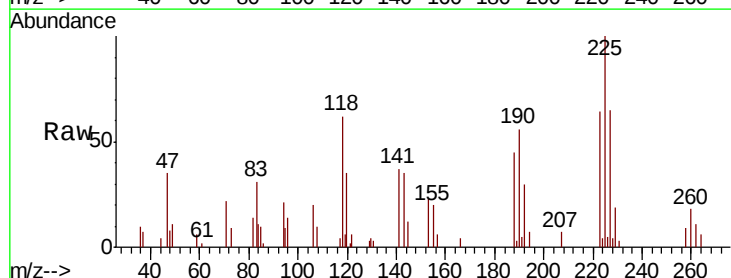
Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

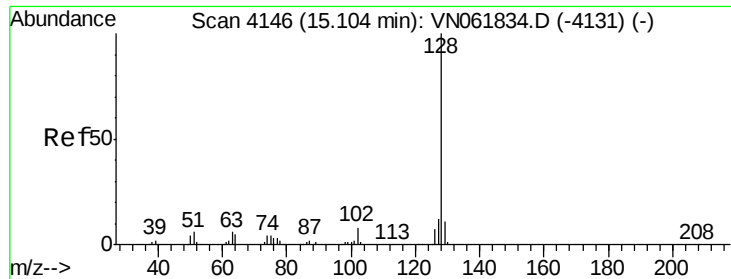
Tot Ion:180 Resp: 27992
Ion Ratio Lower Upper
180 100
182 91.7 47.0 141.2
145 31.7 15.8 47.3



#94
Hexachlorobutadiene
Concen: 18.862 ug/l
RT: 14.98 min Scan# 4108
Delta R.T. -0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion:225 Resp: 12199
Ion Ratio Lower Upper
225 100
223 65.0 31.7 95.1
227 63.3 30.1 90.3

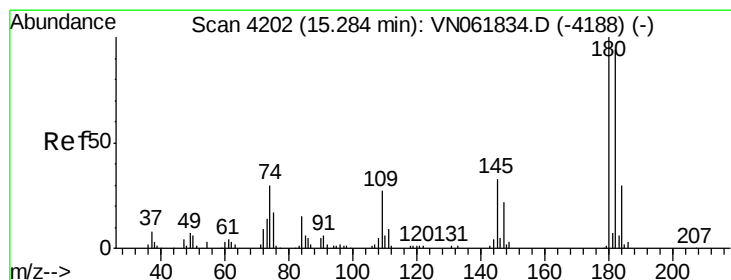
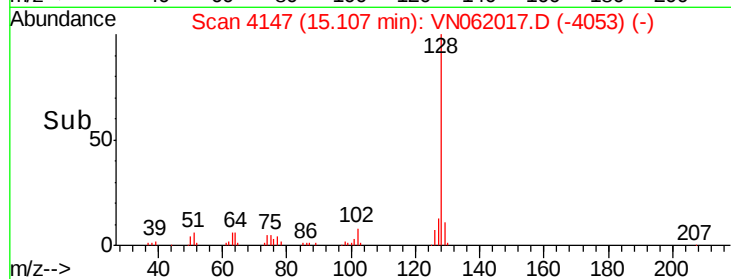
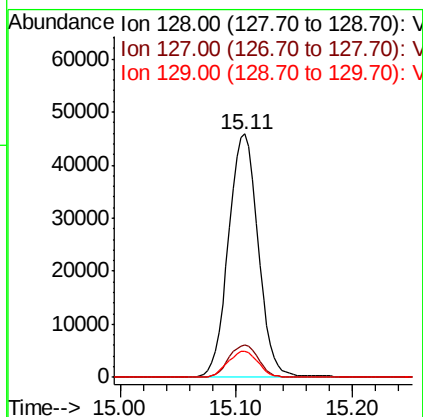
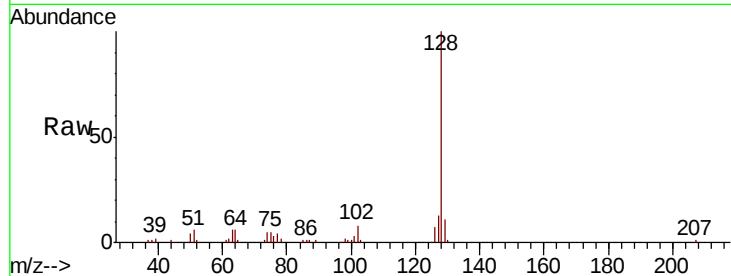




#95
Naphthalene
Concen: 17.310 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Instrument :
MSVOA_N
ClientSampleId :
VN0622WBS02

Tot Ion:128 Resp: 81726
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.375 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062017.D
Acq: 22 Jun 2020 23:32

Tgt Ion:180 Resp: 29883
Ion Ratio Lower Upper
180 100
182 92.2 47.9 143.6
145 33.3 16.5 49.5

