

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062132.D
 Acq On : 26 Jun 2020 12:12
 Operator : JC/MD
 Sample : VN0626MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

Quant Time: Jun 27 03:39:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	236147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	375206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	170084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	154661	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
35) Dibromofluoromethane	7.55	113	129566	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
50) Toluene-d8	10.06	98	494118	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
62) 4-Bromofluorobenzene	12.37	95	165943	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	49517	18.551	ug/l 99
3) Chloromethane	2.03	50	60102	18.277	ug/l 100
4) Vinyl Chloride	2.16	62	73213	17.417	ug/l 100
5) Bromomethane	2.53	94	51999	19.140	ug/l 93
6) Chloroethane	2.67	64	51439	17.914	ug/l 99
7) Trichlorofluoromethane	2.98	101	94591	18.262	ug/l 100
8) Diethyl Ether	3.37	74	34859	19.274	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51210	18.880	ug/l 99
10) Methyl Iodide	3.91	142	59742	19.557	ug/l 99
11) Tert butyl alcohol	4.73	59	44969	94.511	ug/l 99
12) 1,1-Dichloroethene	3.69	96	50133	18.489	ug/l 95
13) Acrolein	3.56	56	32404	69.560	ug/l 99
14) Allyl chloride	4.27	41	67436	18.267	ug/l 97
15) Acrylonitrile	4.93	53	122578	94.538	ug/l 99
16) Acetone	3.77	43	97703	91.357	ug/l 97
17) Carbon Disulfide	4.01	76	136921	17.662	ug/l 99
18) Methyl Acetate	4.28	43	50193	19.053	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	174663	20.158	ug/l 100
20) Methylene Chloride	4.50	84	61832	20.196	ug/l 95
21) trans-1,2-Dichloroethene	4.99	96	55294	17.900	ug/l 97
22) Diisopropyl ether	5.90	45	155073	18.449	ug/l 95
23) Vinyl Acetate	5.84	43	643109	93.710	ug/l 99
24) 1,1-Dichloroethane	5.79	63	98038	18.112	ug/l 100
25) 2-Butanone	6.78	43	148538	91.701	ug/l 99
26) 2,2-Dichloropropane	6.77	77	84148	18.656	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	65215	18.762	ug/l 96
28) Bromochloromethane	7.15	49	40820	17.381	ug/l 93
29) Tetrahydrofuran	7.17	42	101305	95.476	ug/l 98
30) Chloroform	7.33	83	101509	18.432	ug/l 98
31) Cyclohexane	7.61	56	81179	17.730	ug/l 97
32) 1,1,1-Trichloroethane	7.53	97	88036	18.956	ug/l 98
36) 1,1-Dichloropropene	7.75	75	74735	18.048	ug/l 99
37) Ethyl Acetate	6.88	43	64080	18.689	ug/l 99
38) Carbon Tetrachloride	7.73	117	74729	19.142	ug/l 96

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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	83012	18.297	ug/l	97
40) Benzene	8.00	78	231253	18.323	ug/l	98
41) Methacrylonitrile	7.12	41	24403	15.351	ug/l #	86
42) 1,2-Dichloroethane	8.09	62	80548	18.889	ug/l	99
43) Isopropyl Acetate	8.12	43	107094	19.160	ug/l	100
44) Trichloroethene	8.80	130	60723	19.073	ug/l	93
45) 1,2-Dichloropropane	9.08	63	58345	18.738	ug/l	98
46) Dibromomethane	9.18	93	40989	19.416	ug/l	97
47) Bromodichloromethane	9.37	83	82105	19.262	ug/l	98
48) Methyl methacrylate	9.17	41	45361	18.100	ug/l	96
49) 1,4-Dioxane	9.17	88	20955	377.039	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	318899	97.650	ug/l	99
52) Toluene	10.12	92	146355	19.005	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	88498	18.871	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	96558	19.340	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	60710	20.056	ug/l	98
56) Ethyl methacrylate	10.40	69	78790	19.504	ug/l	98
57) 1,3-Dichloropropane	10.68	76	101861	19.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	133963	88.973	ug/l	96
59) 2-Hexanone	10.72	43	222455	94.334	ug/l	98
60) Dibromochloromethane	10.87	129	63203	19.721	ug/l	98
61) 1,2-Dibromoethane	10.98	107	60803	19.548	ug/l	98
64) Tetrachloroethene	10.60	164	49864	19.455	ug/l	98
65) Chlorobenzene	11.40	112	159615	19.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	57337	20.124	ug/l	98
67) Ethyl Benzene	11.48	91	269478	19.365	ug/l	99
68) m/p-Xylenes	11.60	106	209642	38.950	ug/l	99
69) o-Xylene	11.92	106	100170	19.725	ug/l	99
70) Styrene	11.94	104	161712	19.094	ug/l	99
71) Bromoform	12.10	173	40902	20.191	ug/l #	95
73) Isopropylbenzene	12.22	105	263318	20.000	ug/l	100
74) N-amyl acetate	12.05	43	81628	19.059	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	84078	19.190	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	104316	26.053	ug/l #	100
77) Bromobenzene	12.50	156	65996	20.191	ug/l	94
78) n-propylbenzene	12.56	91	292584	19.428	ug/l	98
79) 2-Chlorotoluene	12.65	91	172458	18.942	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	214492	20.097	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25054	18.274	ug/l	99
82) 4-Chlorotoluene	12.75	91	179050	19.018	ug/l	98
83) tert-Butylbenzene	12.97	119	184696	20.221	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	215333	20.201	ug/l	99
85) sec-Butylbenzene	13.15	105	236398	19.587	ug/l	98
86) p-Isopropyltoluene	13.26	119	213468	20.188	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	111545	19.434	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	111470	18.840	ug/l	99
89) n-Butylbenzene	13.59	91	167094	19.007	ug/l	99
90) Hexachloroethane	13.85	117	38437	18.527	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	112802	20.267	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	13091	18.652	ug/l	87

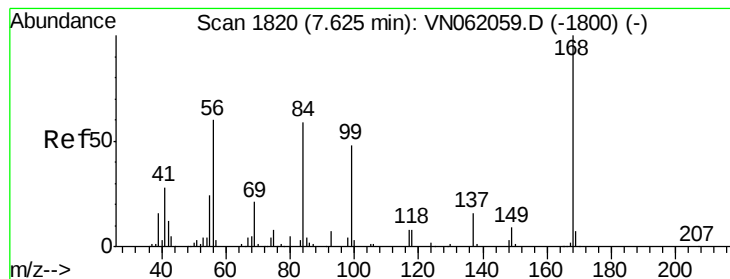
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062620\
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	48749	20.049	ug/l	99
94) Hexachlorobutadiene	14.98	225	22108	20.934	ug/l	99
95) Naphthalene	15.10	128	138669	19.733	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	50220	20.199	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

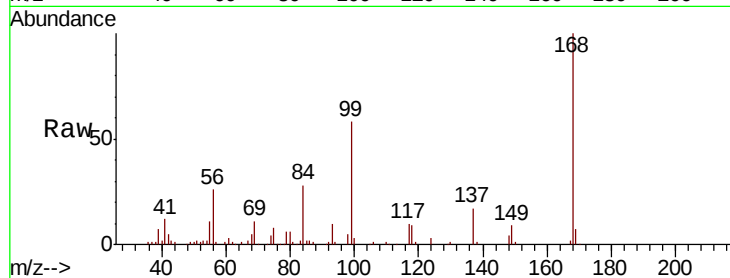
VN0626MBS01

Tot Ion:168 Resp: 236147

Ion Ratio Lower Upper

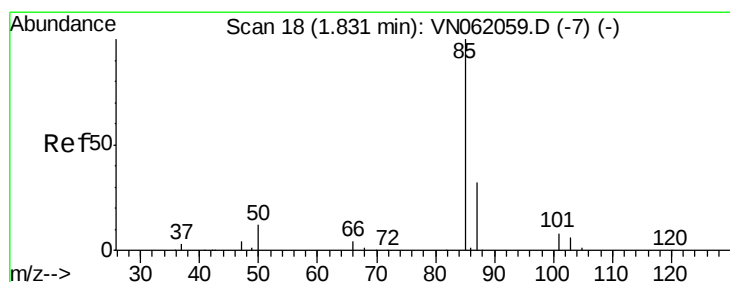
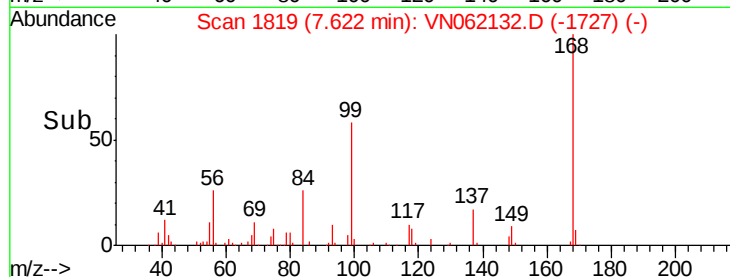
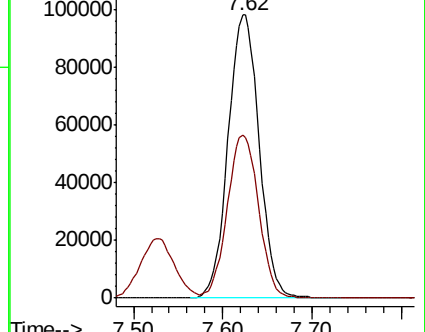
168 100

99 57.7 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.551 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062132.D

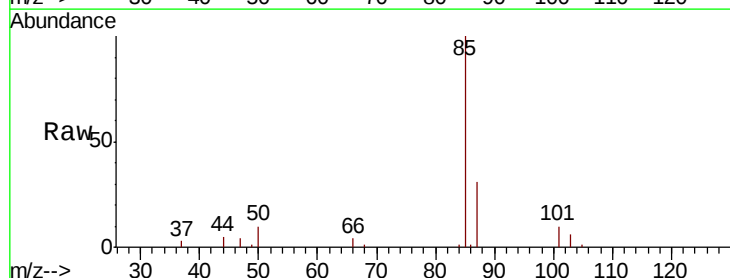
Acq: 26 Jun 2020 12:12

Tgt Ion: 85 Resp: 49517

Ion Ratio Lower Upper

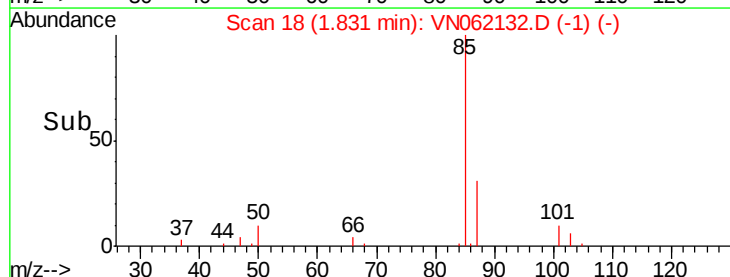
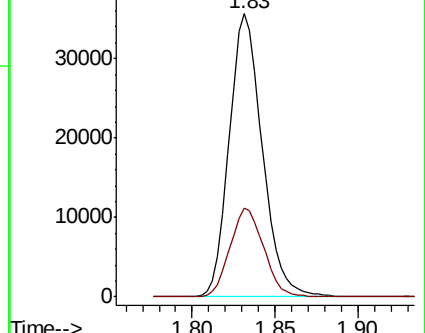
85 100

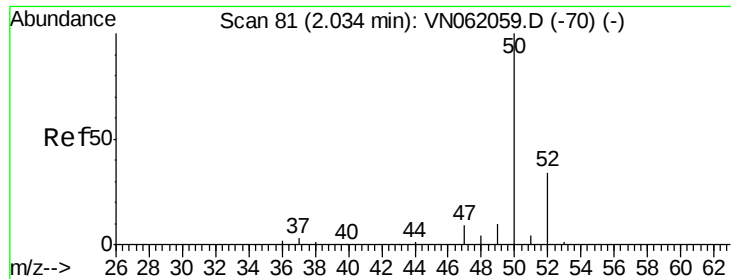
87 31.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.277 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

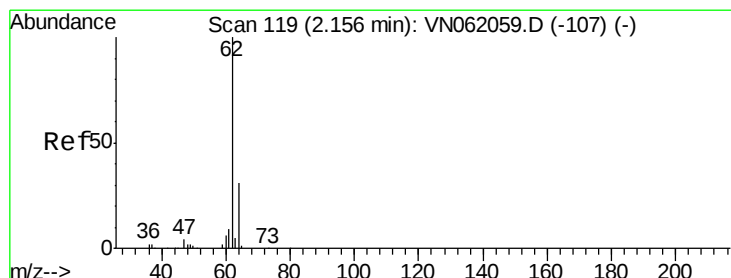
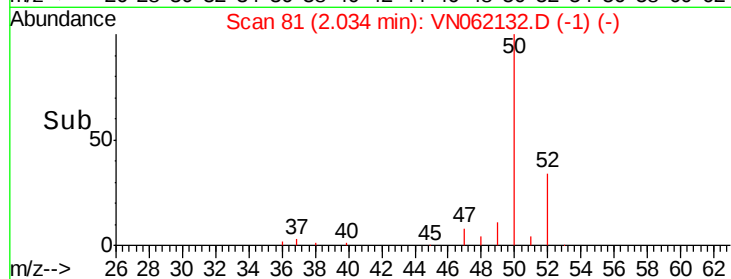
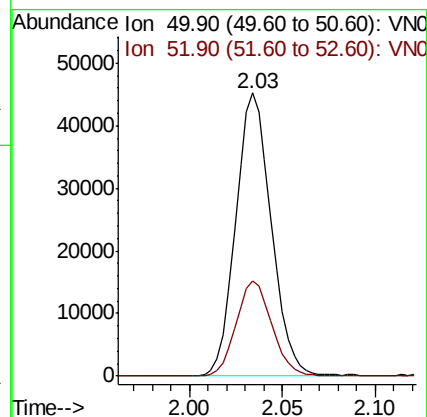
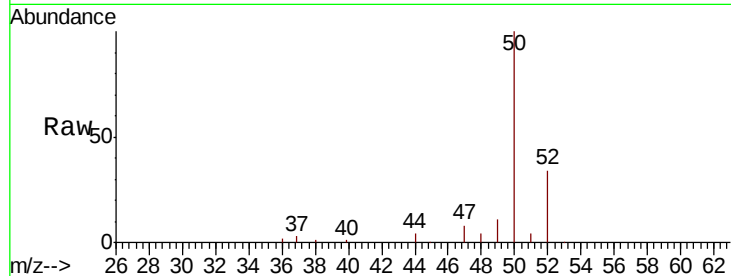
VN0626MBS01

Tot Ion: 50 Resp: 60102

Ion Ratio Lower Upper

50 100

52 33.7 27.0 40.6



#4

Vinyl Chloride

Concen: 17.417 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062132.D

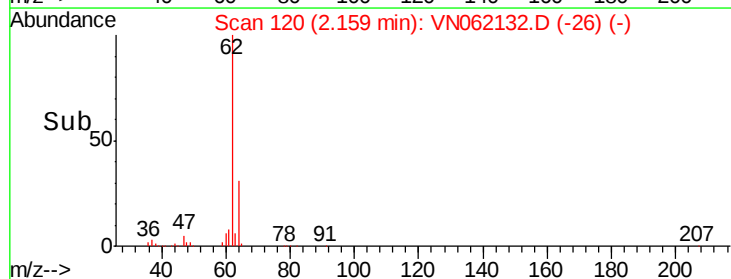
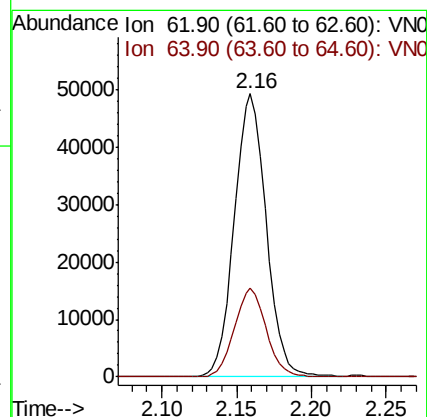
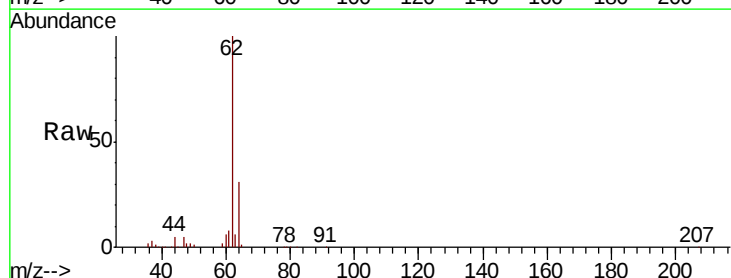
Acq: 26 Jun 2020 12:12

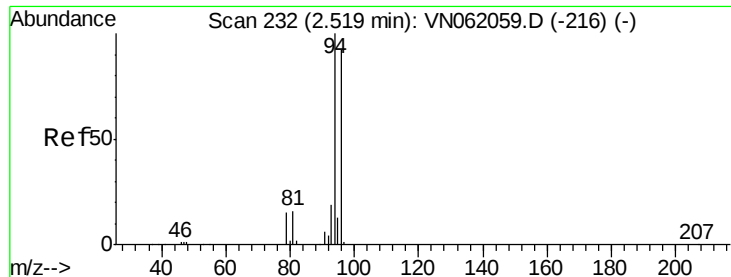
Tgt Ion: 62 Resp: 73213

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 19.140 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

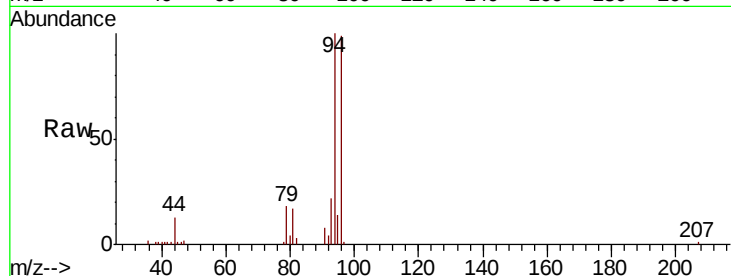
VN0626MBS01

Tot Ion: 94 Resp: 51999

Ion Ratio Lower Upper

94 100

96 98.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

25000

20000

15000

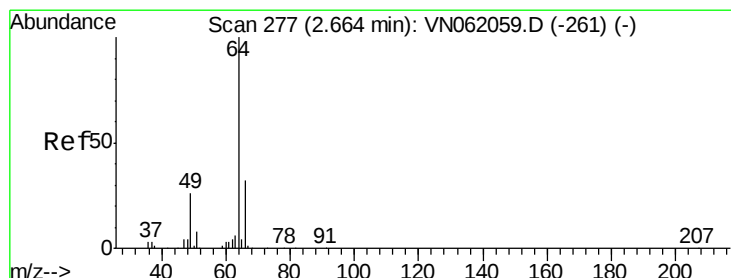
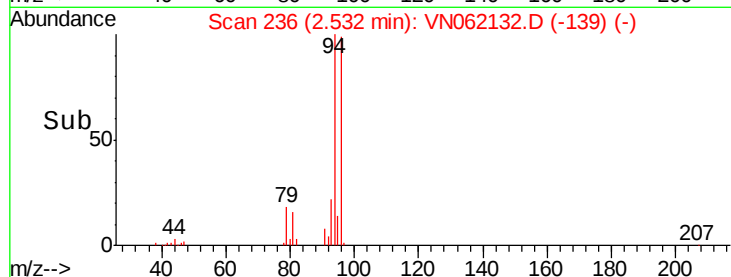
10000

5000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 17.914 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062132.D

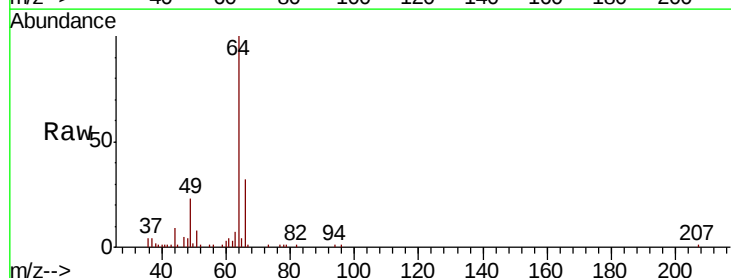
Acq: 26 Jun 2020 12:12

Tgt Ion: 64 Resp: 51439

Ion Ratio Lower Upper

64 100

66 31.7 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

30000

25000

20000

15000

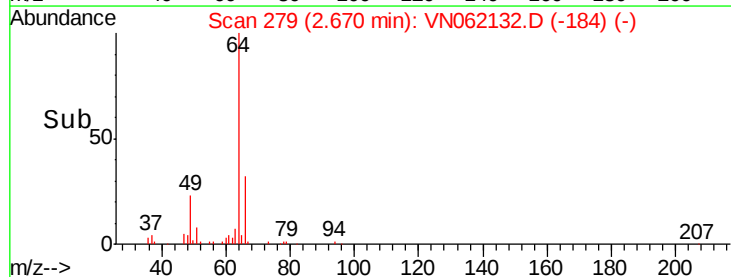
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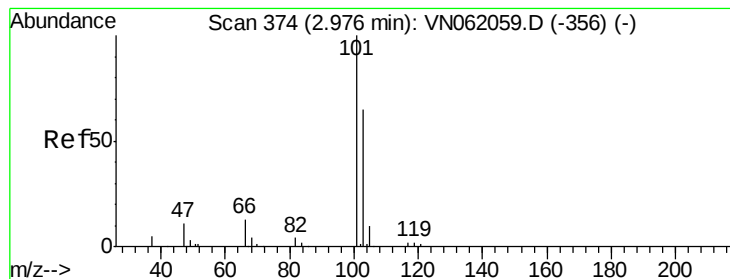
5000

0

Time-->

2.60 2.65 2.70 2.75



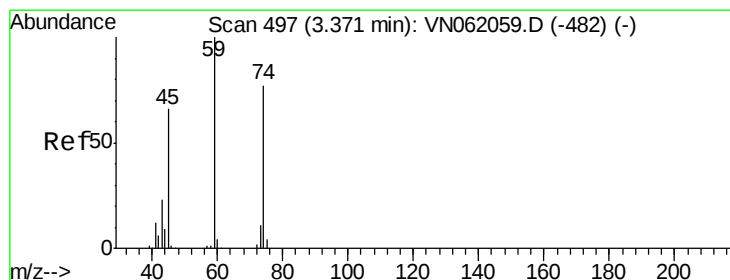
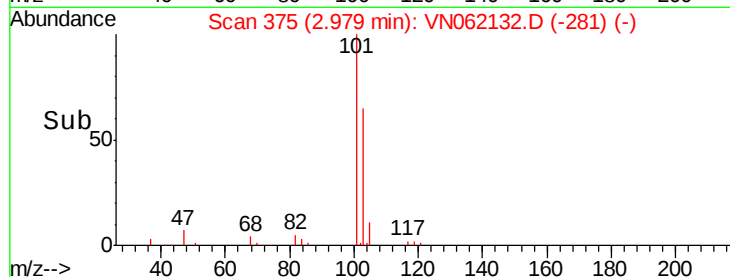
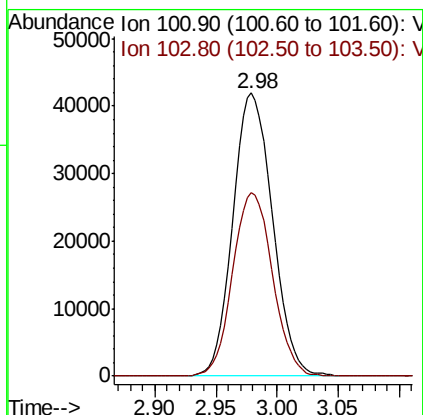
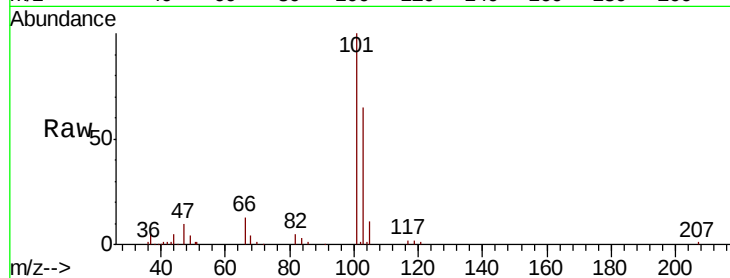


#7

Trichlorofluoromethane
Concen: 18.262 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

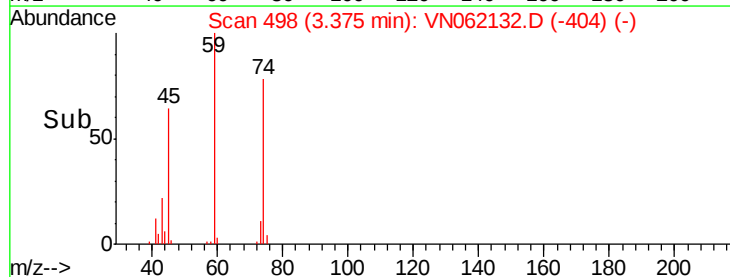
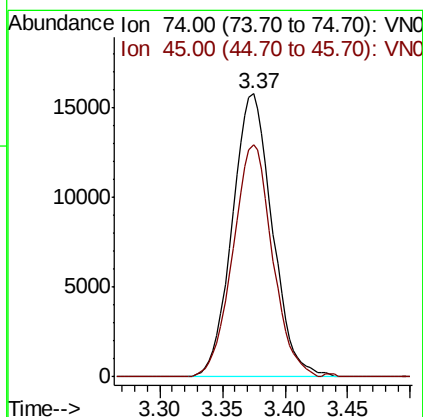
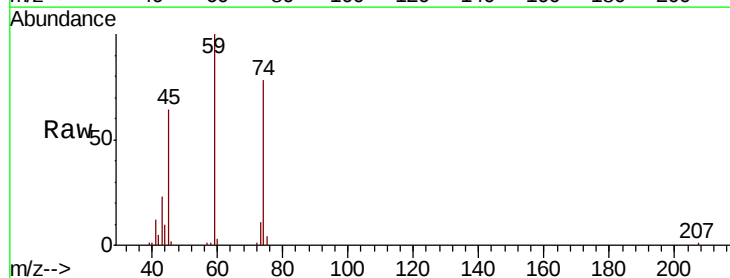
Tot Ion:101 Resp: 94591
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.6

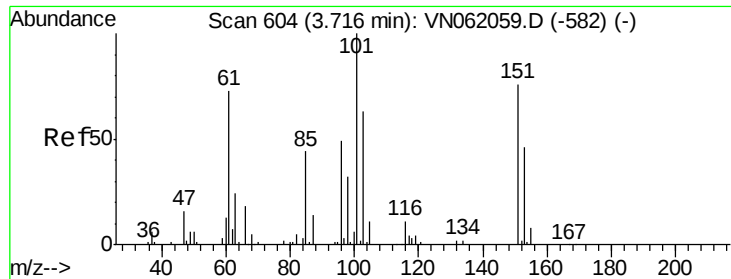


#8

Diethyl Ether
Concen: 19.274 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion: 74 Resp: 34859
Ion Ratio Lower Upper
74 100
45 81.1 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.880 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

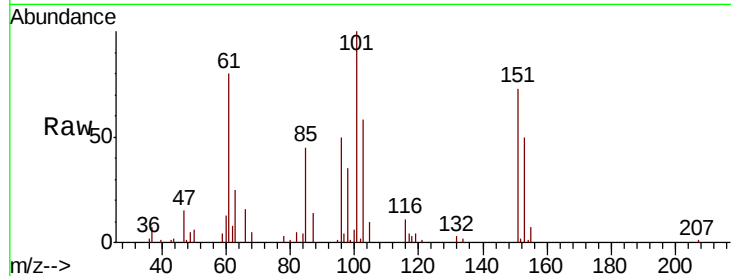
Tot Ion:101 Resp: 51210

Ion Ratio Lower Upper

101 100

85 43.0 34.5 51.7

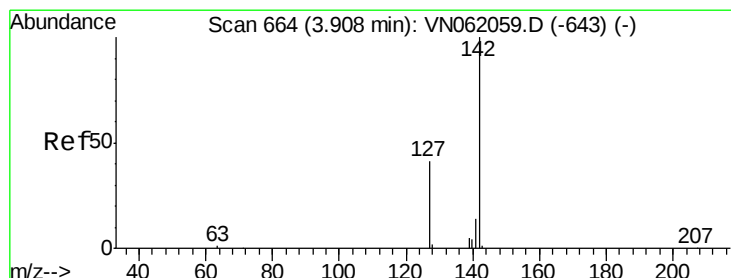
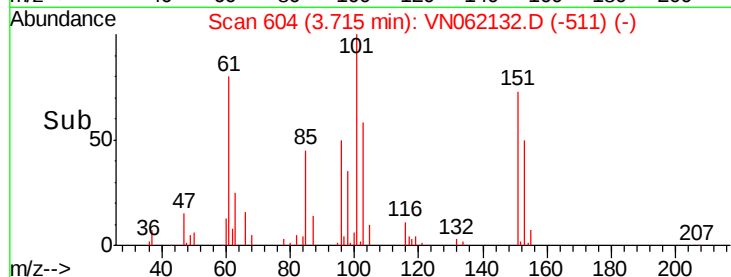
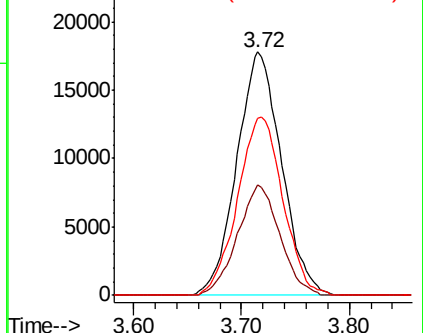
151 74.1 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.557 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

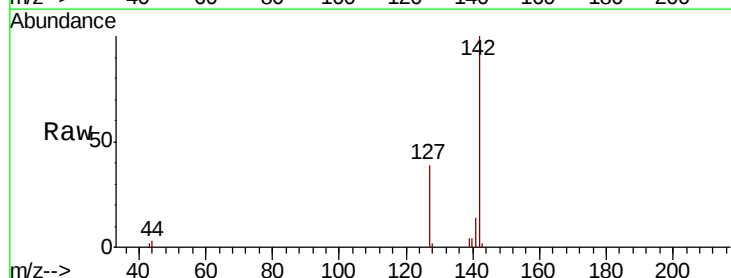
Tgt Ion:142 Resp: 59742

Ion Ratio Lower Upper

142 100

127 41.2 33.6 50.4

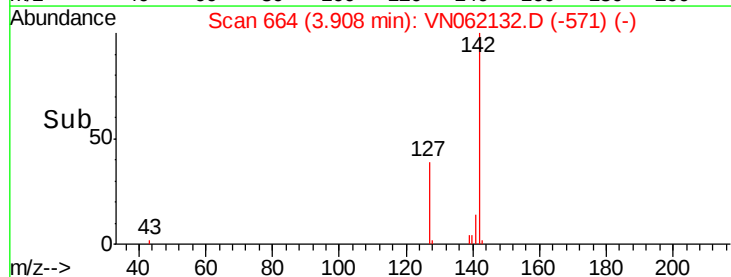
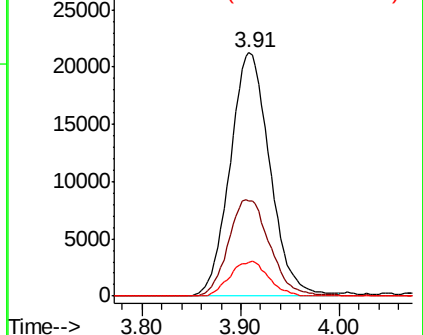
141 13.8 11.3 16.9

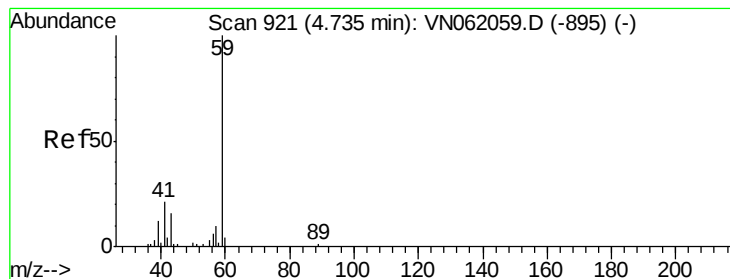


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 94.511 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

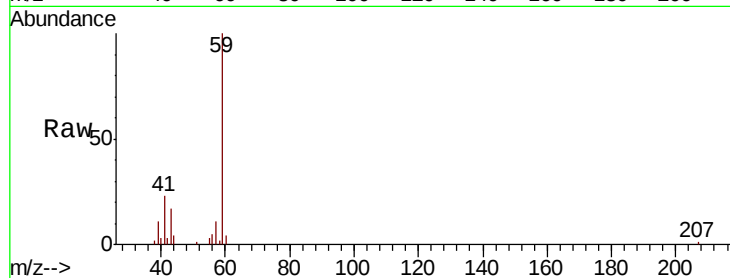
VN0626MBS01

Tot Ion: 59 Resp: 44969

Ion Ratio Lower Upper

59 100

57 10.2 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN062132.D (-828) (-)

Ion 57.00 (56.70 to 57.70): VN062132.D (-828) (-)

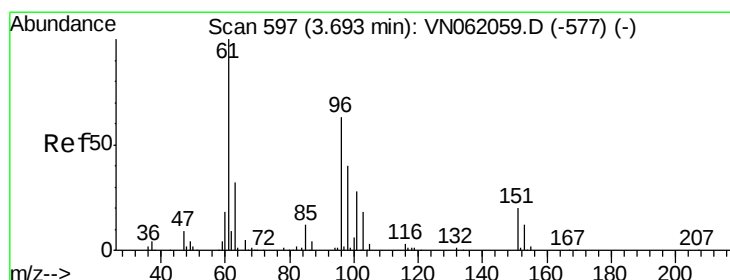
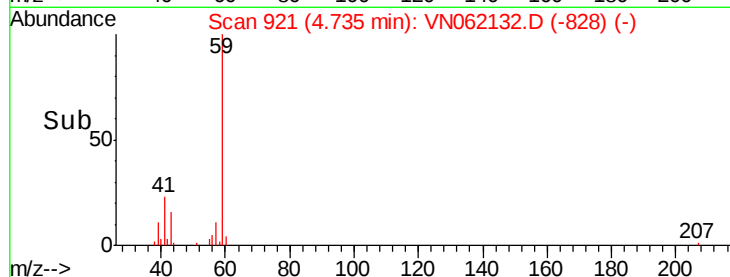
4.73

10000

5000

0

Time-->



#12

1,1-Dichloroethene

Concen: 18.489 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

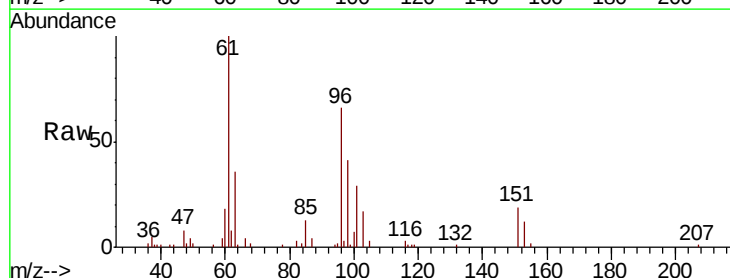
Tgt Ion: 96 Resp: 50133

Ion Ratio Lower Upper

96 100

61 151.1 126.7 190.1

98 62.2 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062132.D (-504) (-)

Ion 60.90 (60.60 to 61.60): VN062132.D (-504) (-)

Ion 97.90 (97.60 to 98.60): VN062132.D (-504) (-)

3.69

40000

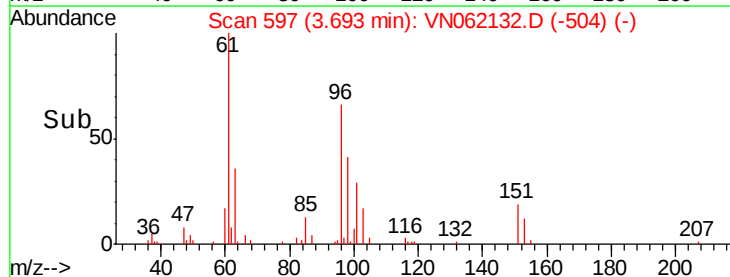
30000

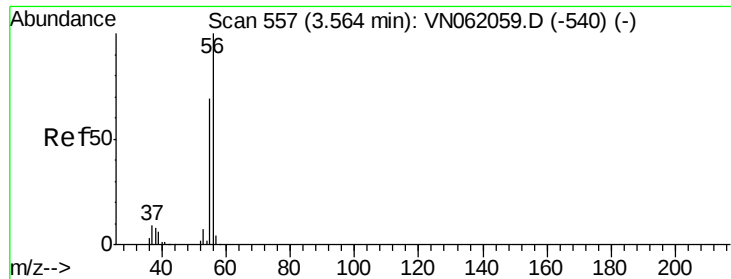
20000

10000

0

Time-->





#13

Acrolein

Concen: 69.560 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

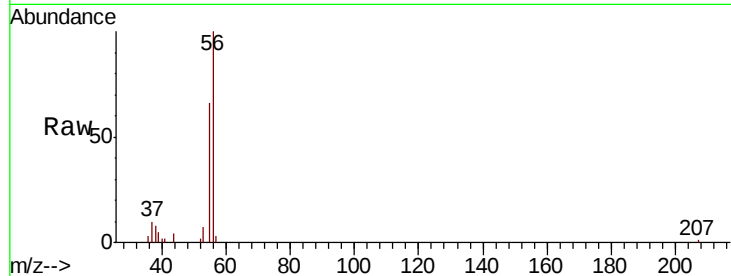
VN0626MBS01

Tot Ion: 56 Resp: 32404

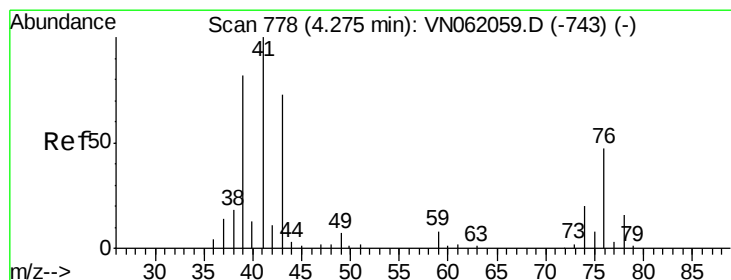
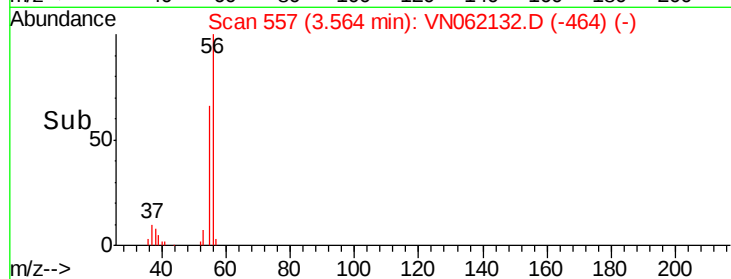
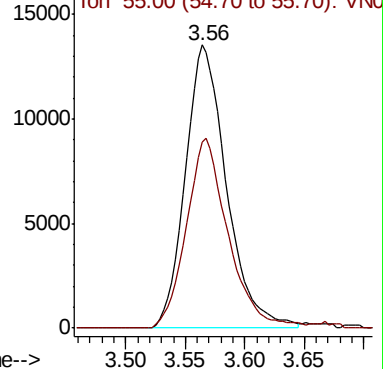
Ion Ratio Lower Upper

56 100

55 68.2 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062132.D (-464) (-)



#14

Allyl chloride

Concen: 18.267 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

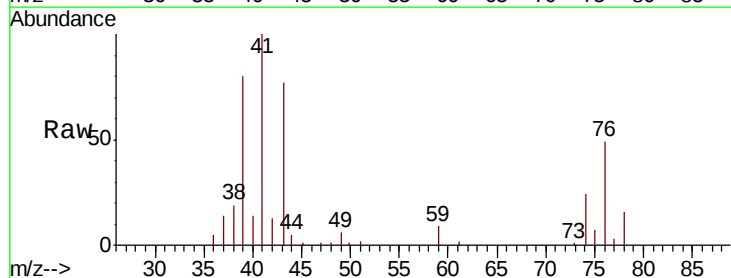
Tgt Ion: 41 Resp: 67436

Ion Ratio Lower Upper

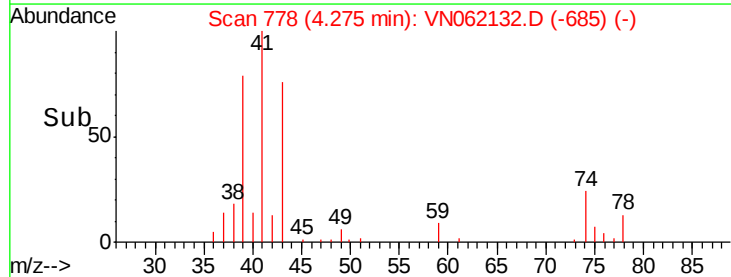
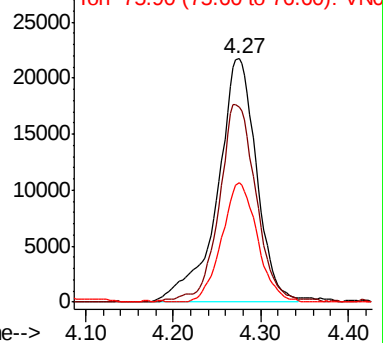
41 100

39 77.1 60.0 90.0

76 44.5 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062132.D (-685) (-)





#15

Acrylonitrile

Concen: 94.538 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

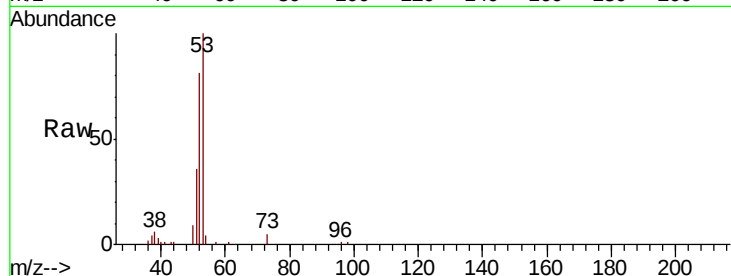
Tot Ion: 53 Resp: 122578

Ion Ratio Lower Upper

53 100

52 83.5 66.2 99.4

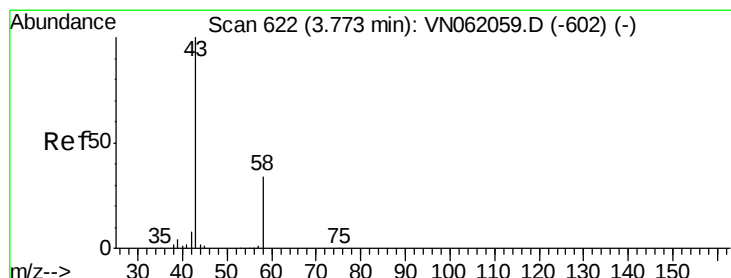
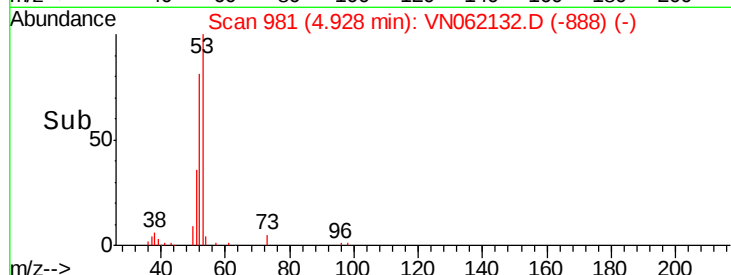
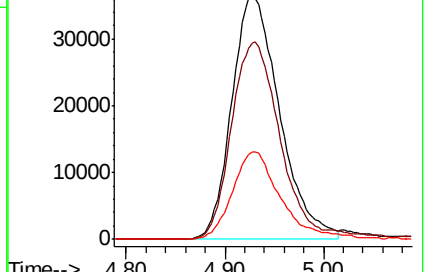
51 36.5 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062132.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN062132.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN062132.D (-888) (-)



#16

Acetone

Concen: 91.357 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN062132.D

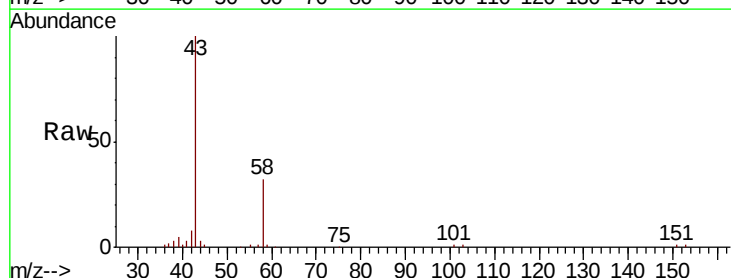
Acq: 26 Jun 2020 12:12

Tgt Ion: 43 Resp: 97703

Ion Ratio Lower Upper

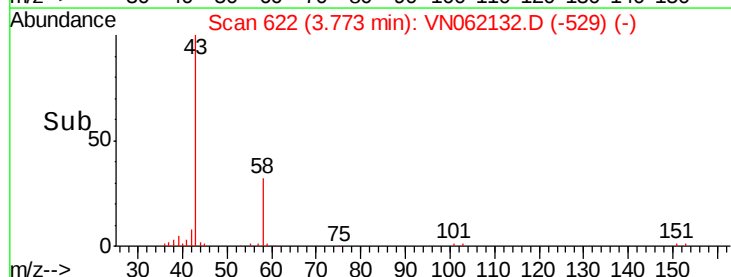
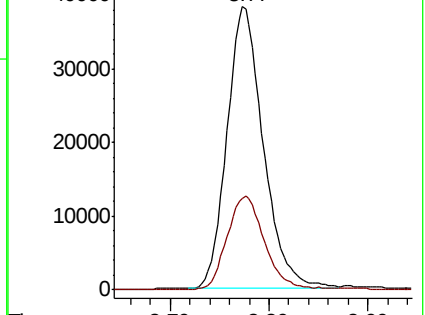
43 100

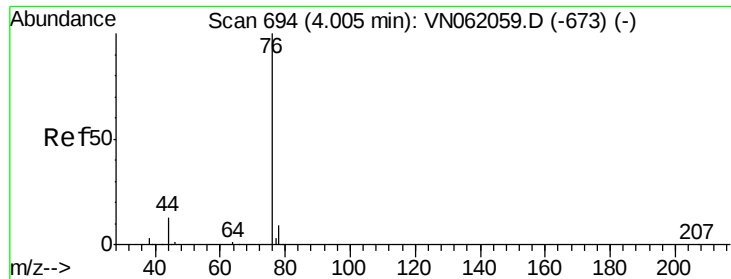
58 32.6 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062132.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062132.D (-529) (-)





#17

Carbon Disulfide

Concen: 17.662 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

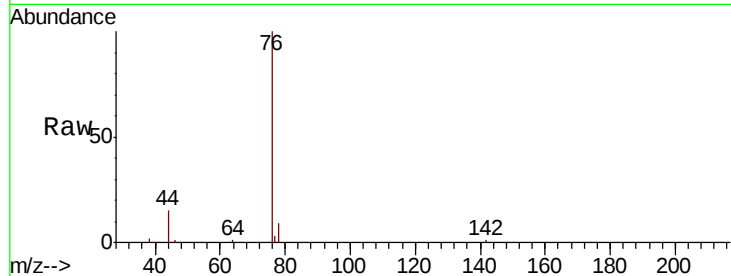
VN0626MBS01

Tot Ion: 76 Resp: 136921

Ion Ratio Lower Upper

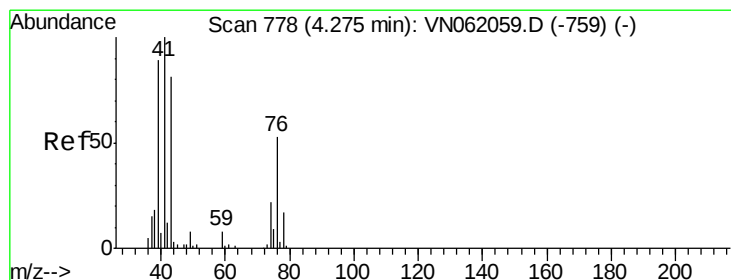
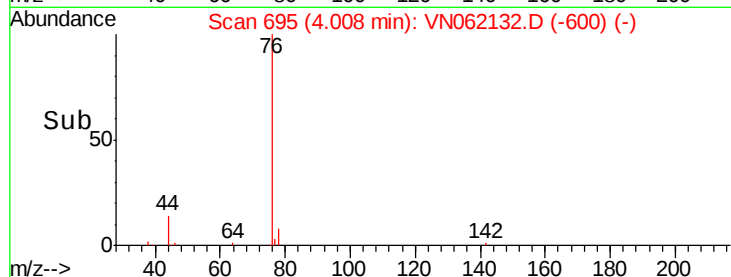
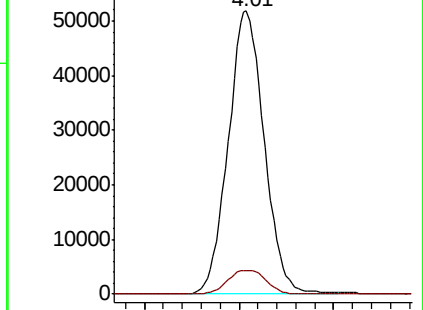
76 100

78 8.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062059.D (-673) (-)

Ion 77.90 (77.60 to 78.60): VN062059.D (-673) (-)



#18

Methyl Acetate

Concen: 19.053 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062132.D

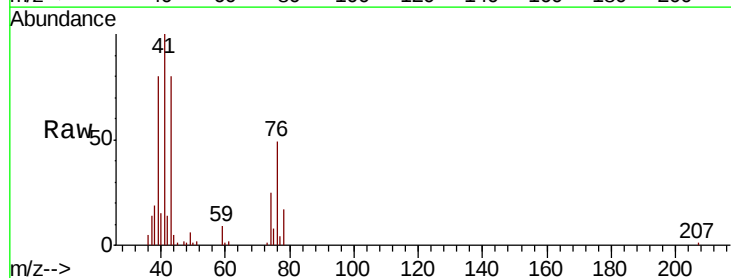
Acq: 26 Jun 2020 12:12

Tgt Ion: 43 Resp: 50193

Ion Ratio Lower Upper

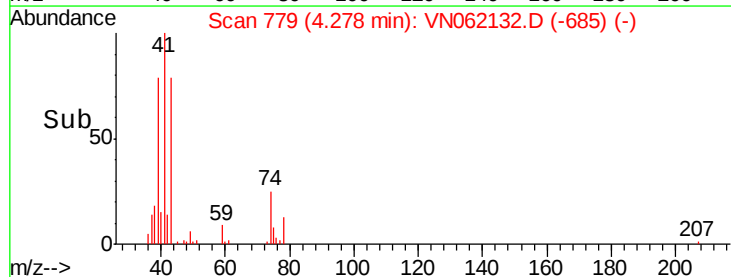
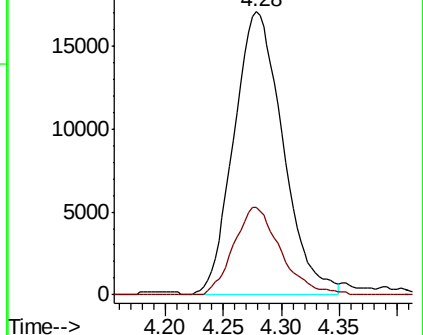
43 100

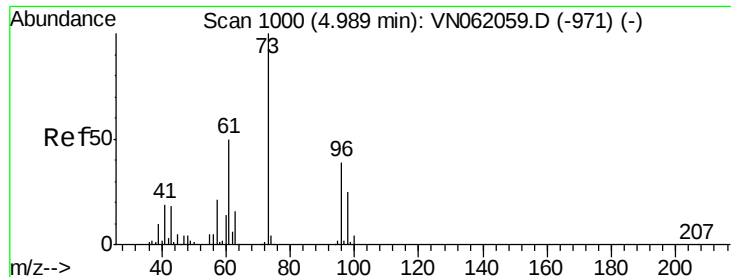
74 29.6 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN062059.D (-759) (-)

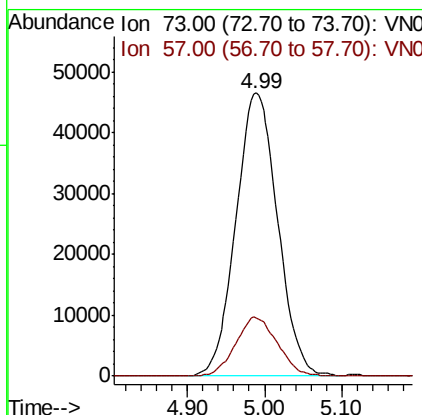
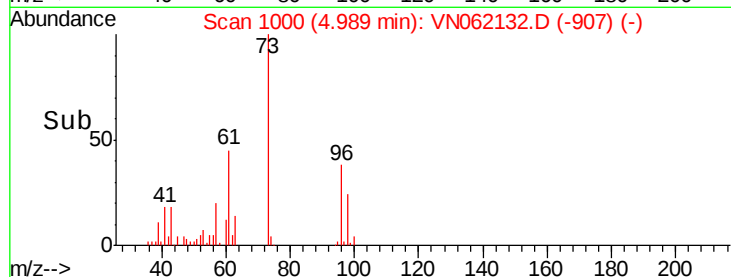
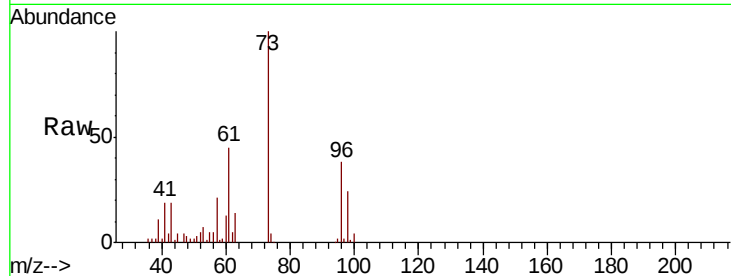




#19
Methvl tert-butvl Ether
Concen: 20.158 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

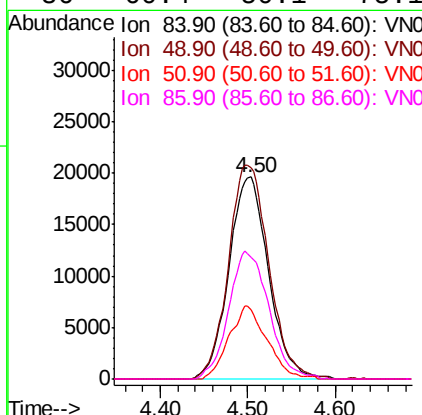
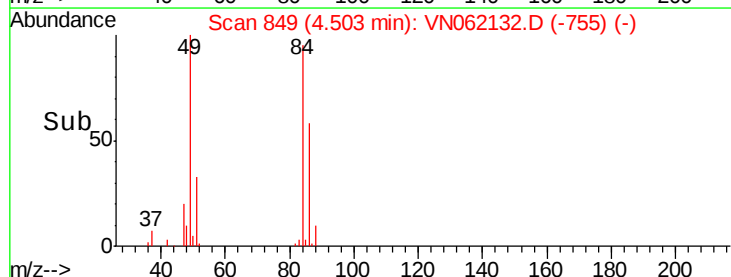
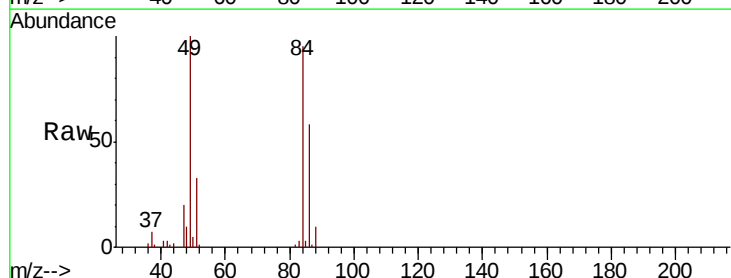
Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

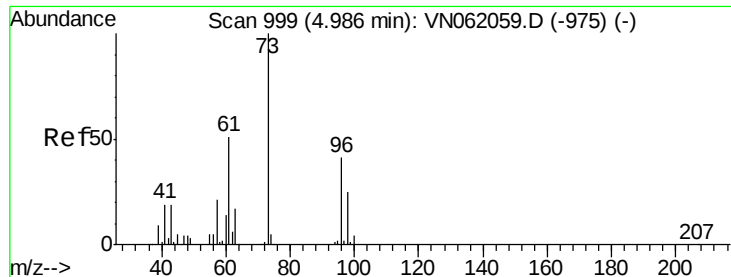
Tot Ion: 73 Resp: 174663
Ion Ratio Lower Upper
73 100
57 20.8 16.6 24.8



#20
Methylene Chloride
Concen: 20.196 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion: 84 Resp: 61832
Ion Ratio Lower Upper
84 100
49 104.9 90.6 136.0
51 34.2 27.8 41.8
86 60.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.900 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

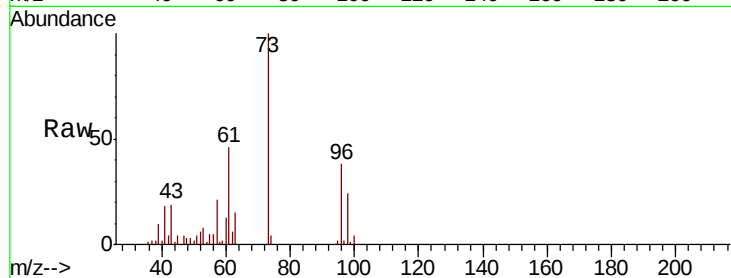
Tot Ion: 96 Resp: 55294

Ion Ratio Lower Upper

96 100

61 121.4 101.4 152.2

98 62.4 49.3 73.9

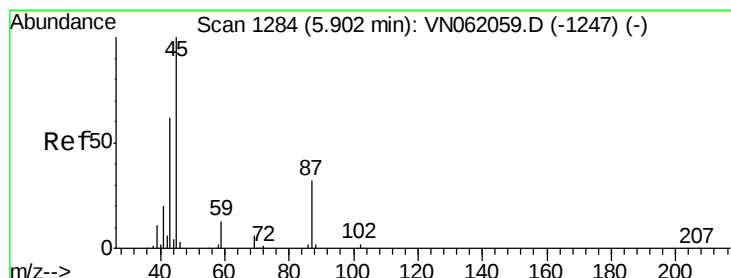
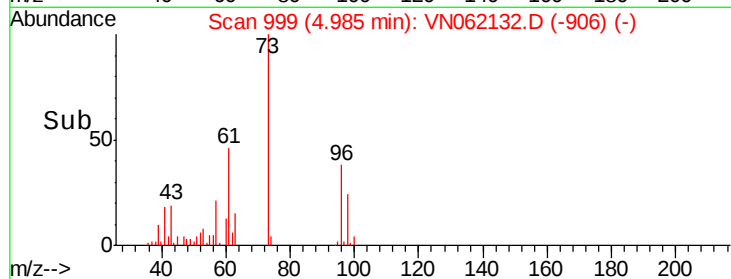
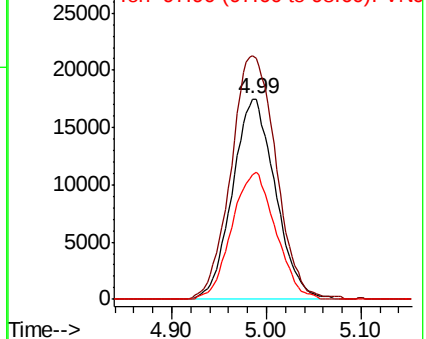


Abundance

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: 18.449 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Tgt Ion: 45 Resp: 155073

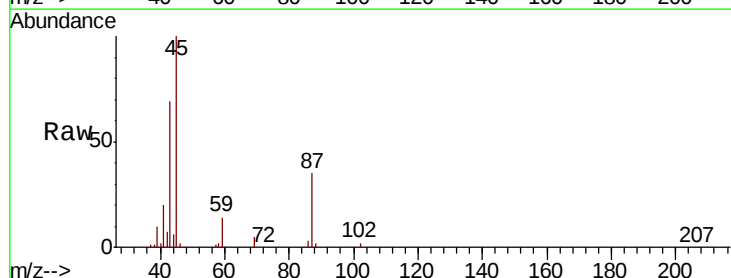
Ion Ratio Lower Upper

45 100

43 67.2 49.7 74.5

87 34.6 25.9 38.9

59 14.3 10.6 16.0



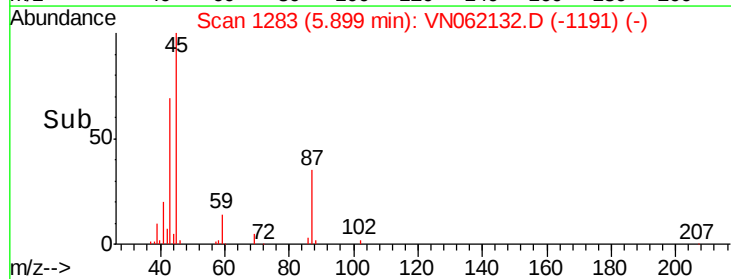
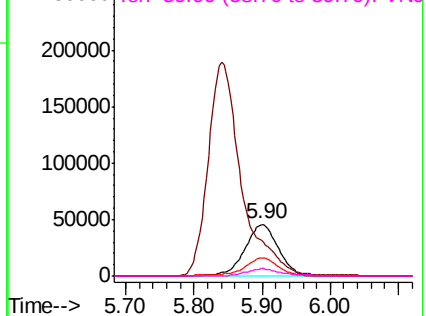
Abundance

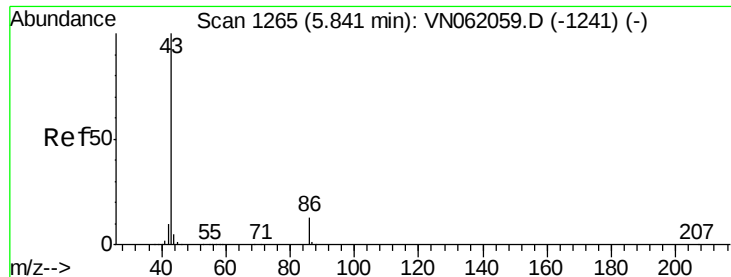
Ion 45.00 (44.70 to 45.70): VN0

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: 93.710 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

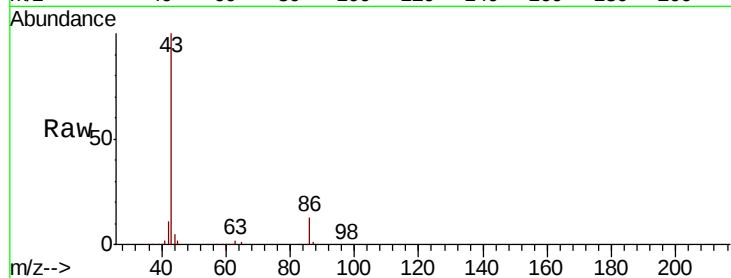
VN0626MBS01

Tot Ion: 43 Resp: 643109

Ion Ratio Lower Upper

43 100

86 13.1 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062132.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062132.D (-1172) (-)

5.84

200000

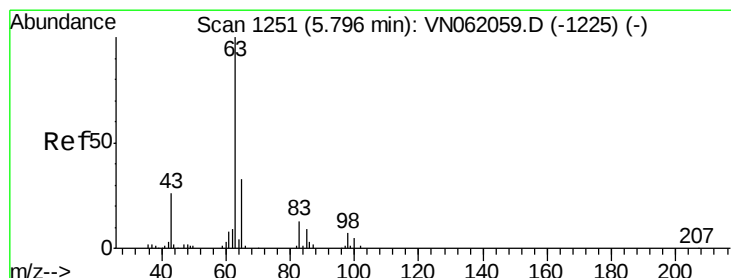
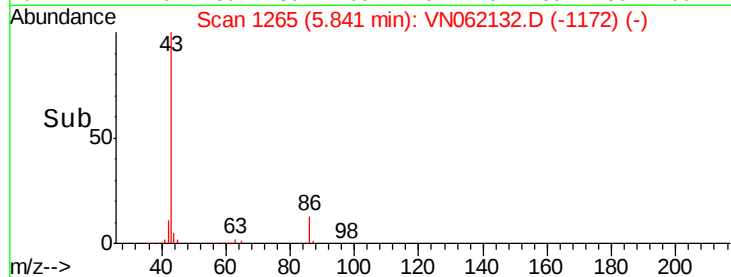
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 18.112 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

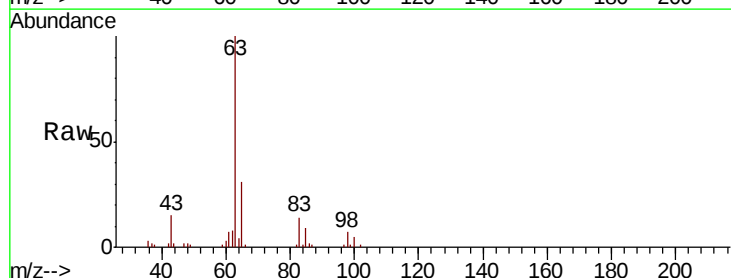
Tgt Ion: 63 Resp: 98038

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.9 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062132.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062132.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062132.D (-1158) (-)

5.79

40000

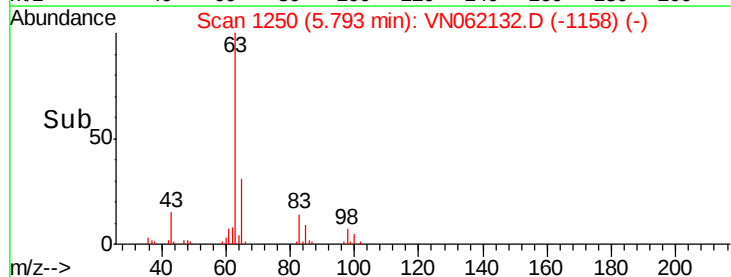
30000

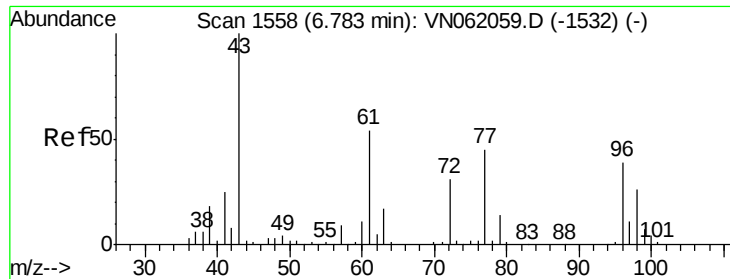
20000

10000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 91.701 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

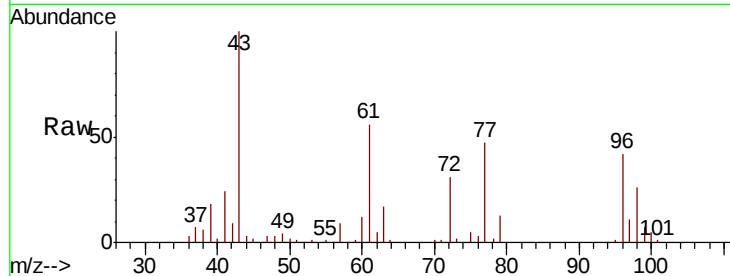
VN0626MBS01

Tot Ion: 43 Resp: 148538

Ion Ratio Lower Upper

43 100

72 31.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1532) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1532) (-)

6.78

6.78

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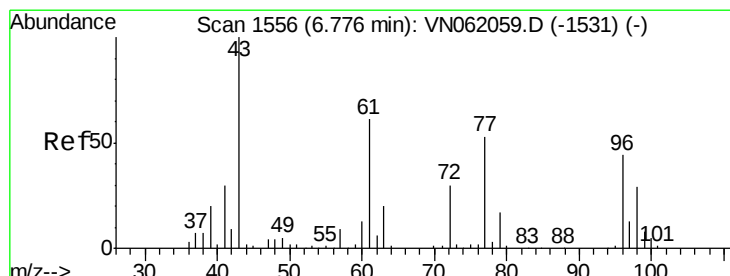
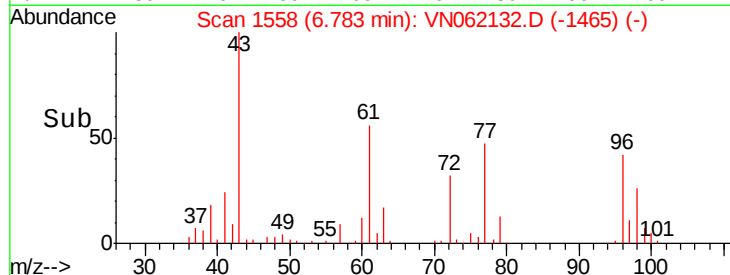
6.78

6.78

6.78

6.78

6.78



#26

2,2-Dichloropropane

Concen: 18.656 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062132.D

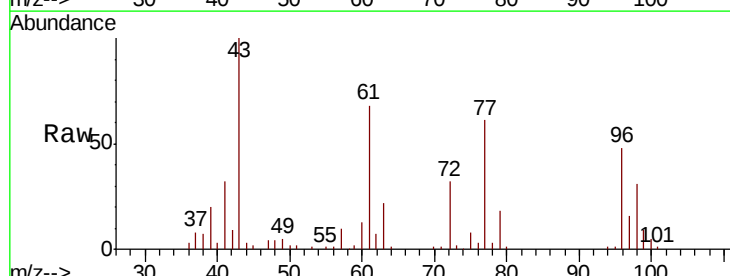
Acq: 26 Jun 2020 12:12

Tgt Ion: 77 Resp: 84148

Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN062059.D (-1531) (-)

Ion 96.90 (96.60 to 97.60): VN062059.D (-1531) (-)

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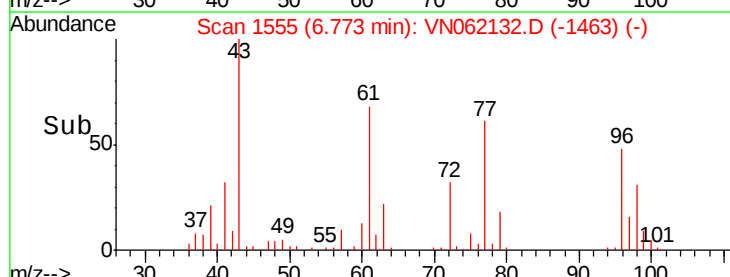
6.77

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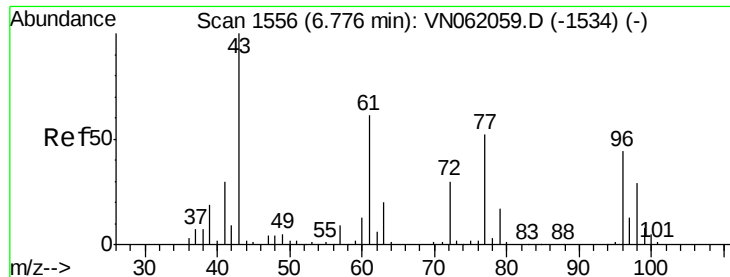
6.77

6.77

6.77

6.77

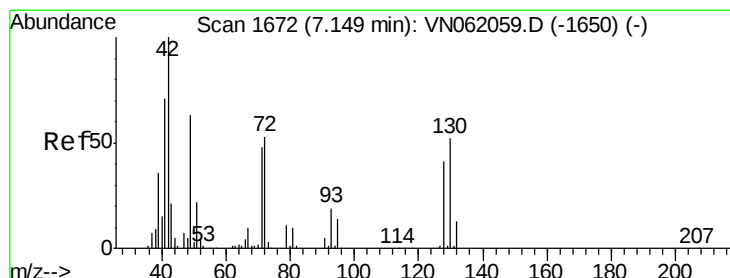
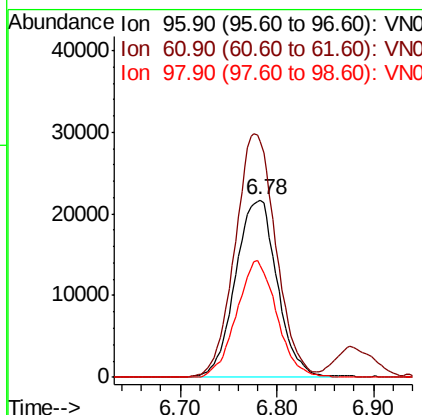
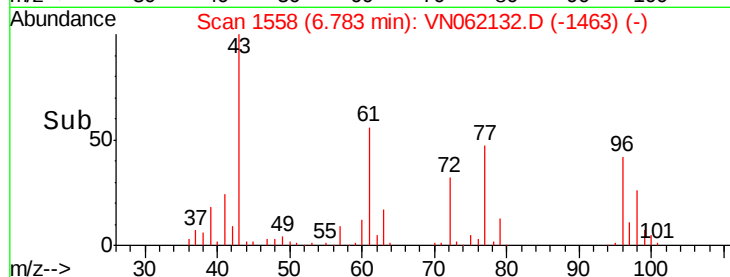
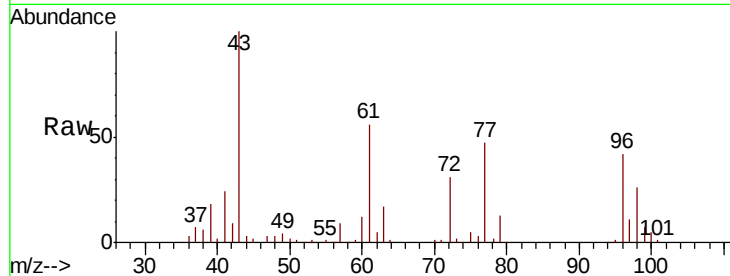
6.77



#27
 cis-1,2-Dichloroethene
 Concen: 18.762 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

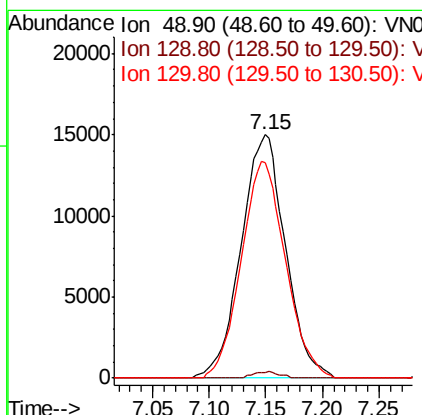
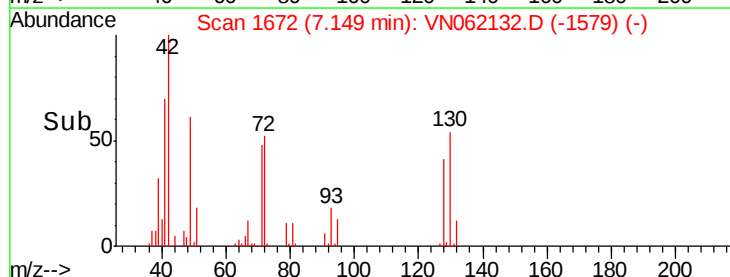
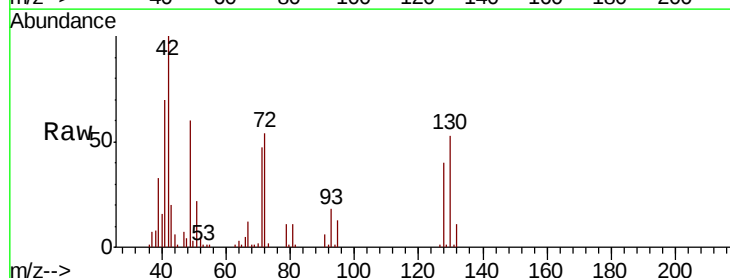
Instrument :
 MSVOA_N
 ClientSampled :
 VN0626MBS01

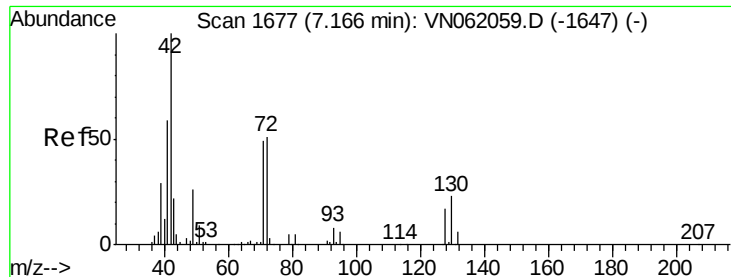
Tot Ion: 96 Resp: 65215
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 280.4
 98 63.1 0.0 129.4



#28
 Bromochloromethane
 Concen: 17.381 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion: 49 Resp: 40820
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.4
 130 88.7 65.5 98.3

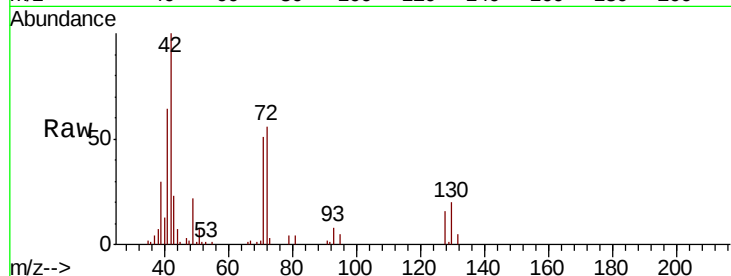




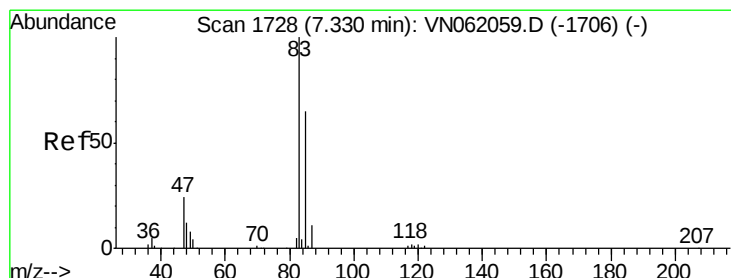
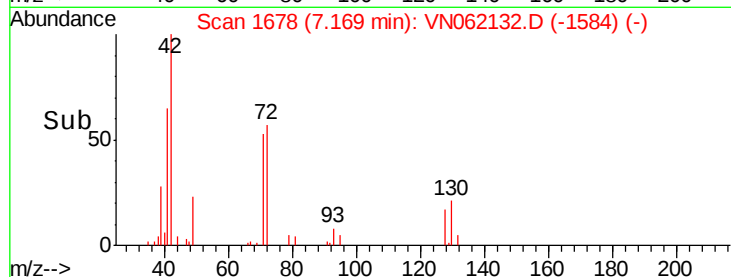
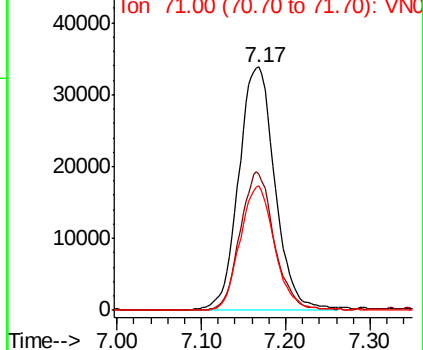
#29
Tetrahydrofuran
Concen: 95.476 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion: 42 Resp: 101305
Ion Ratio Lower Upper
42 100
72 53.2 41.1 61.7
71 48.7 38.2 57.4

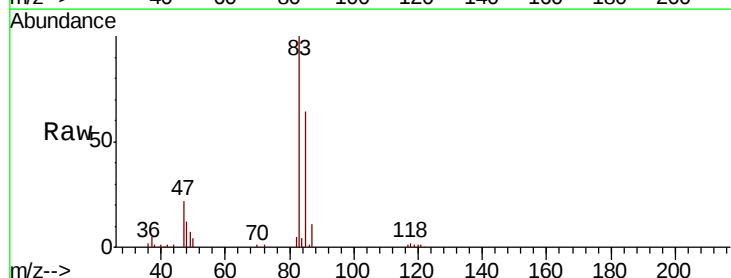


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

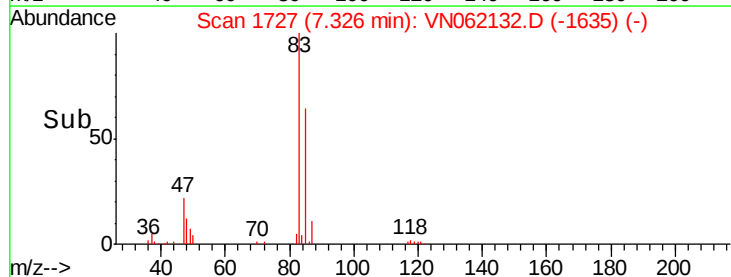
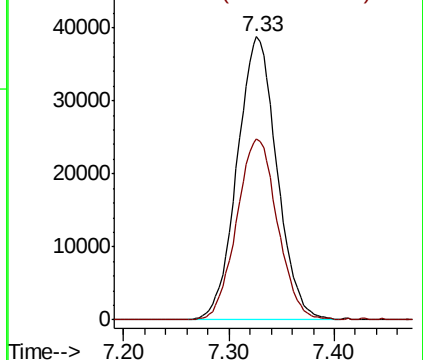


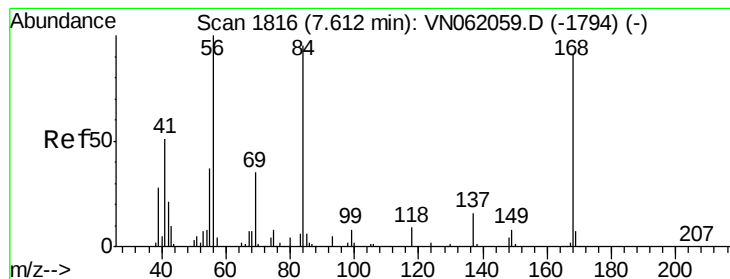
#30
Chloroform
Concen: 18.432 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion: 83 Resp: 101509
Ion Ratio Lower Upper
83 100
85 63.8 52.3 78.5



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





#31

Cyclohexane

Concen: 17.730 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

VN0626MBS01

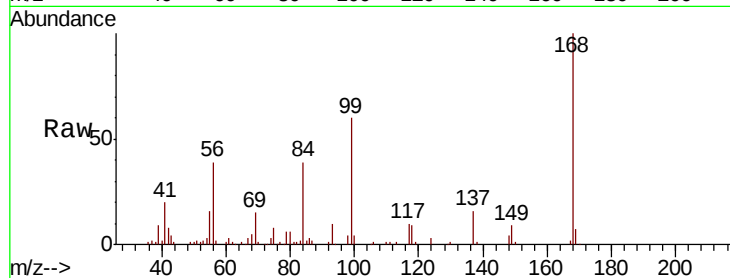
Tot Ion: 56 Resp: 81179

Ion Ratio Lower Upper

56 100

69 37.4 28.0 42.0

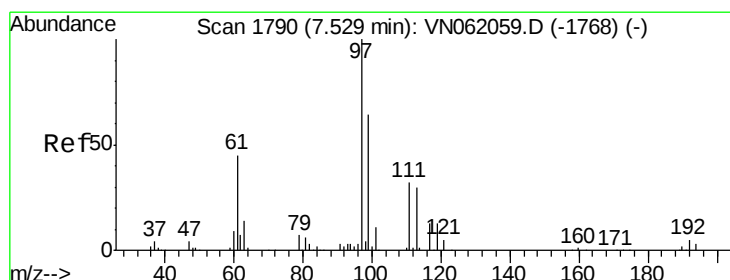
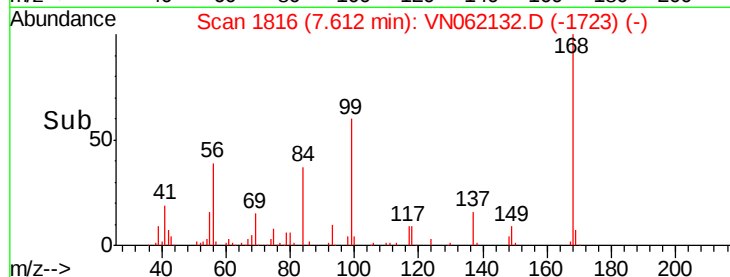
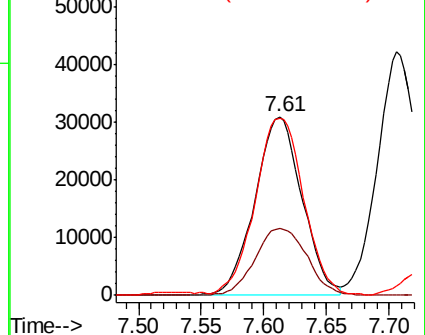
84 98.1 76.1 114.1



Abundance Ion 56.00 (55.70 to 56.70): VN062132.D (-1723) (-)

Ion 69.00 (68.70 to 69.70): VN062132.D (-1723) (-)

Ion 84.00 (83.70 to 84.70): VN062132.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 18.956 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

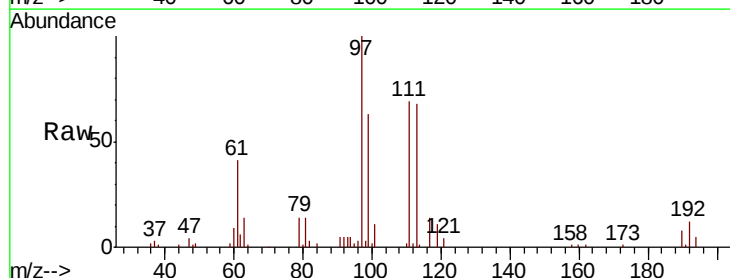
Tgt Ion: 97 Resp: 88036

Ion Ratio Lower Upper

97 100

99 63.1 51.0 76.4

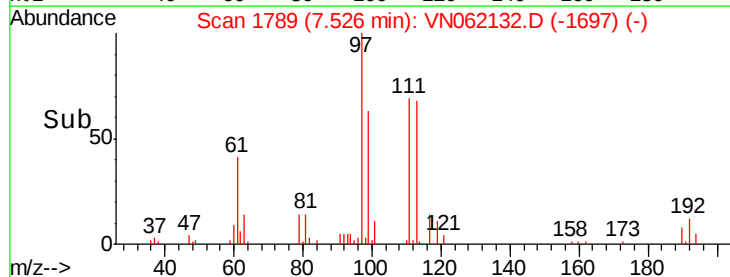
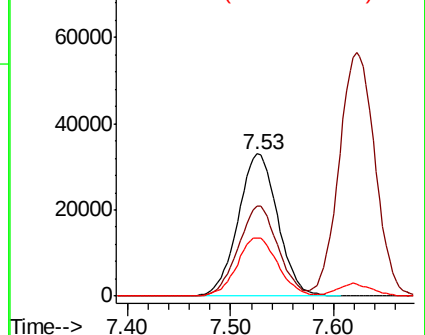
61 42.2 36.2 54.2

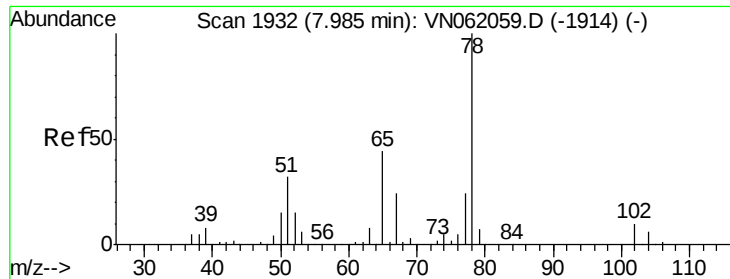


Abundance Ion 96.90 (96.60 to 97.60): VN062132.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN062132.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN062132.D (-1697) (-)

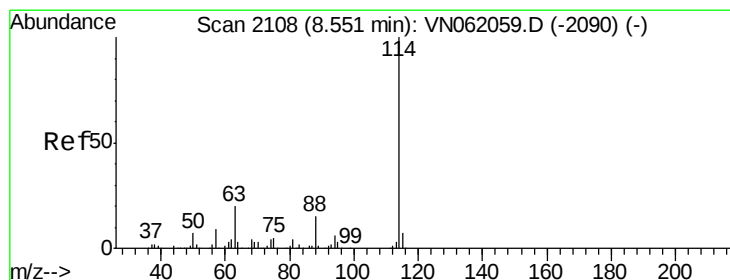
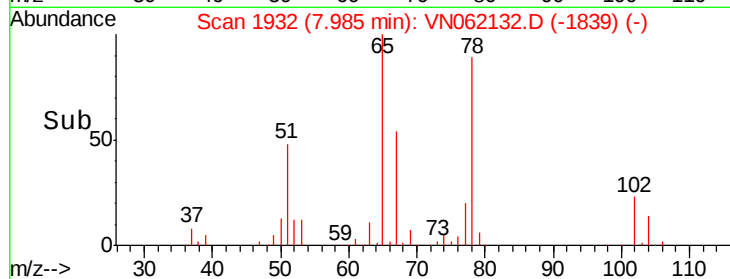
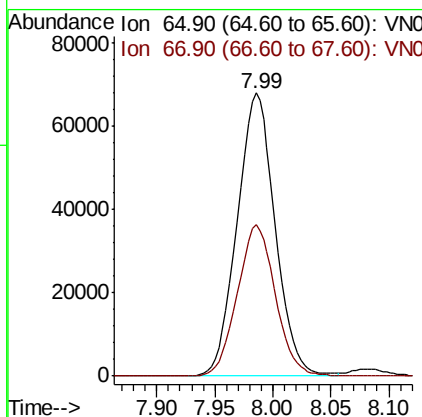
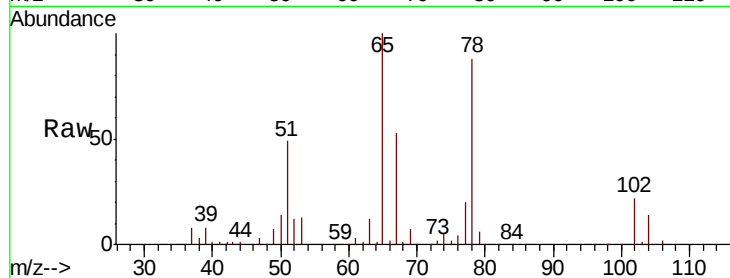




#33
 1,2-Dichloroethane-d4
 Concen: 46.670 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

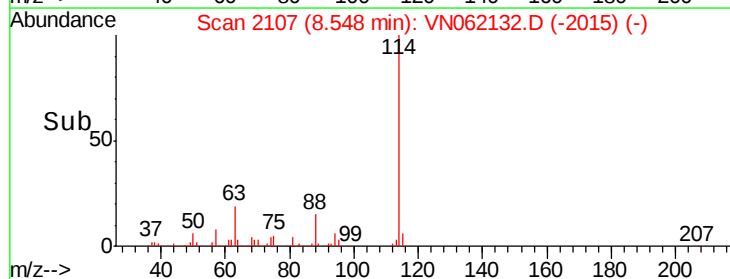
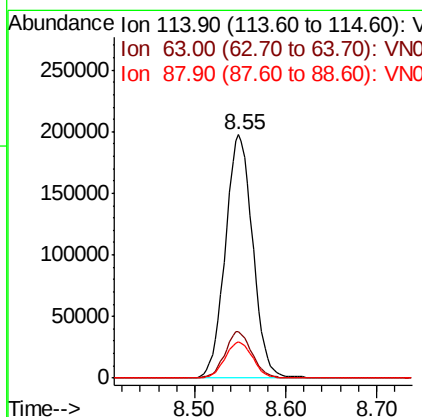
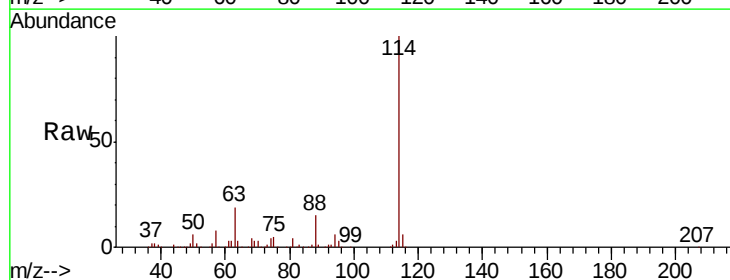
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

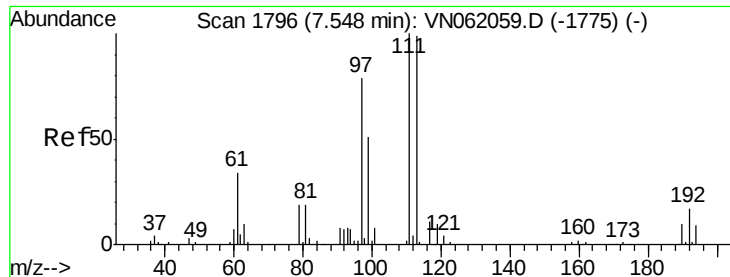
Tot Ion: 65 Resp: 154661
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion: 114 Resp: 411960
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.2
 88 14.8 0.0 30.8

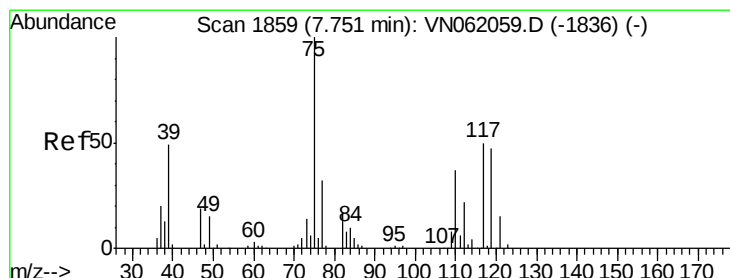
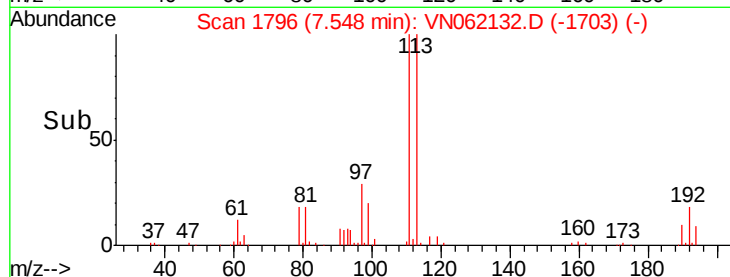
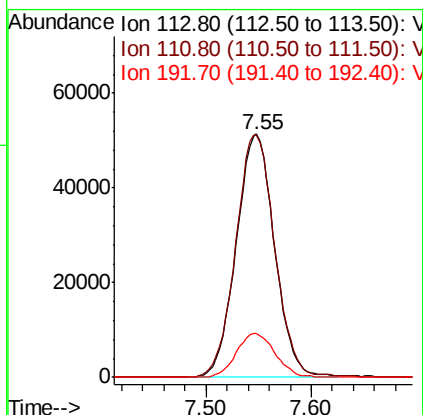
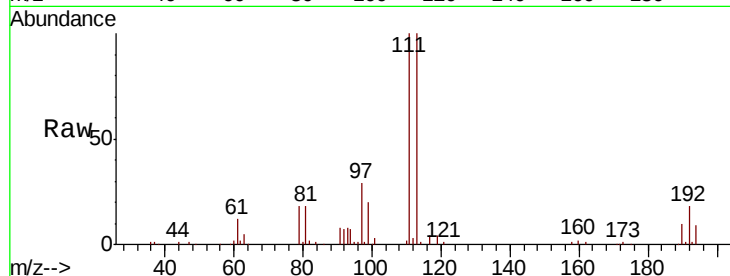




#35
 Dibromofluoromethane
 Concen: 49.024 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

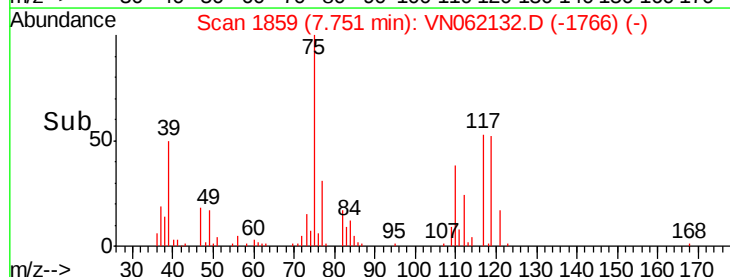
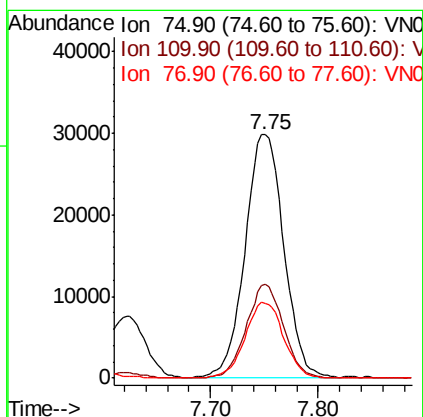
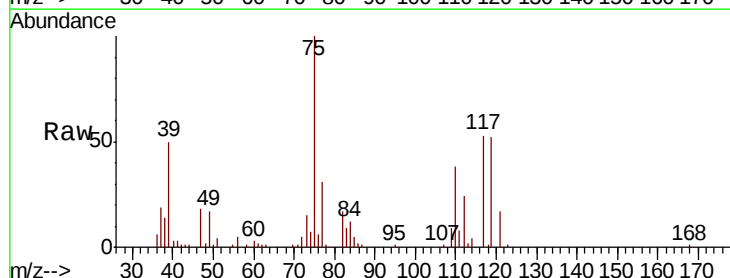
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	18.2	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 18.048 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.9	53.8
77	30.7	24.9	37.3

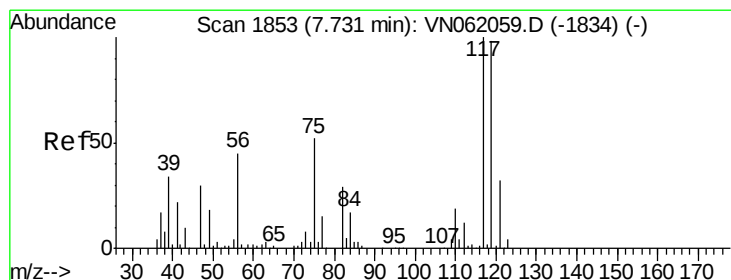
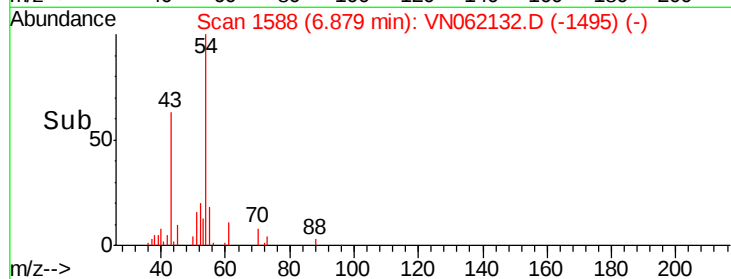
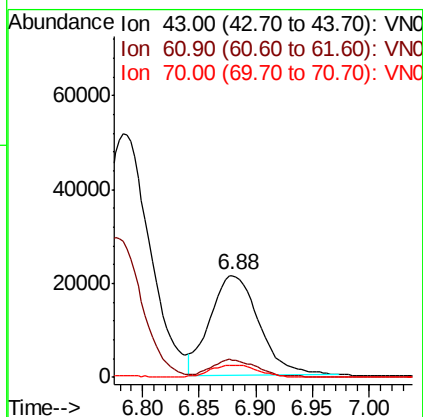
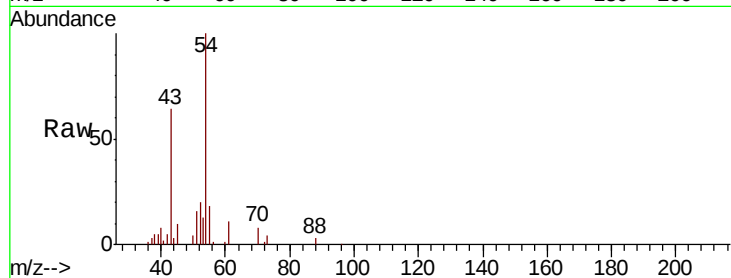




#37
Ethyl Acetate
Concen: 18.689 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

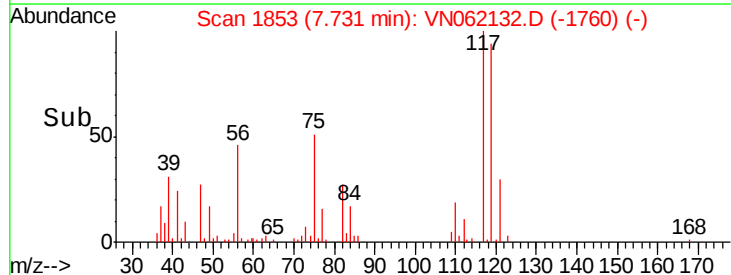
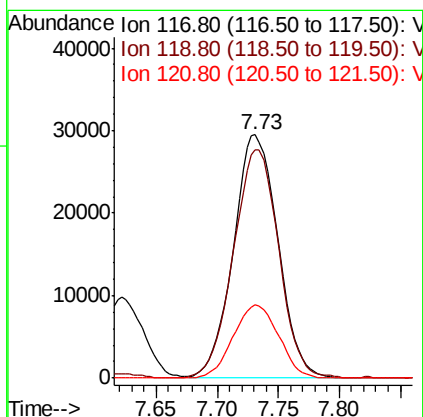
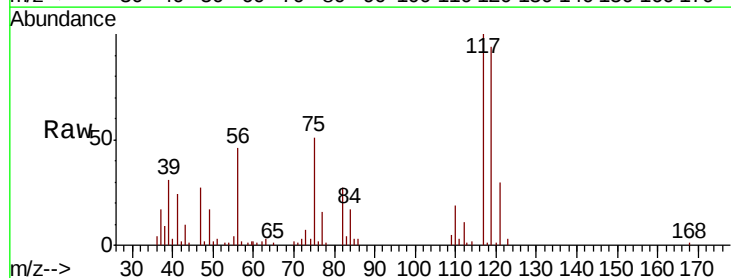
Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion: 43 Resp: 64080
Ion Ratio Lower Upper
43 100
61 14.7 12.0 18.0
70 11.9 9.6 14.4



#38
Carbon Tetrachloride
Concen: 19.142 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion: 117 Resp: 74729
Ion Ratio Lower Upper
117 100
119 93.4 78.2 117.2
121 29.9 25.8 38.6

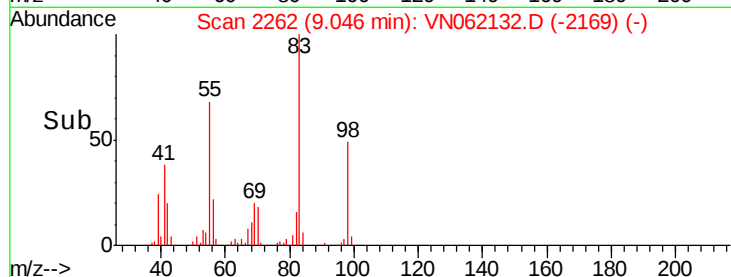
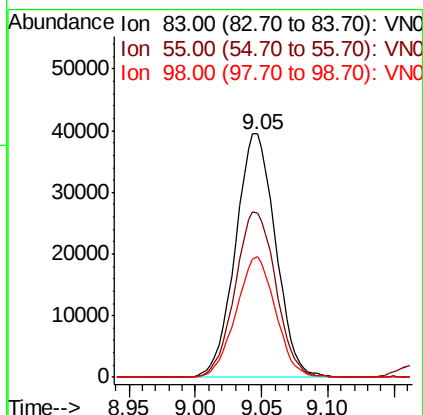
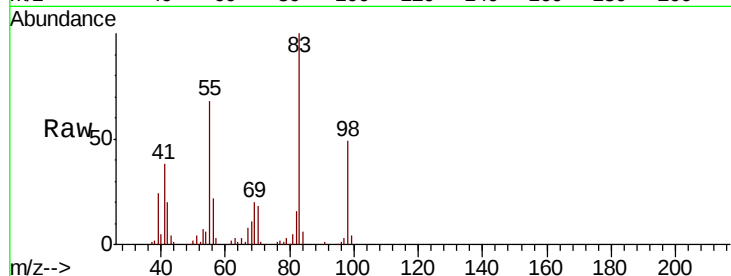




#39
Methvlcvclohexane
Concen: 18.297 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

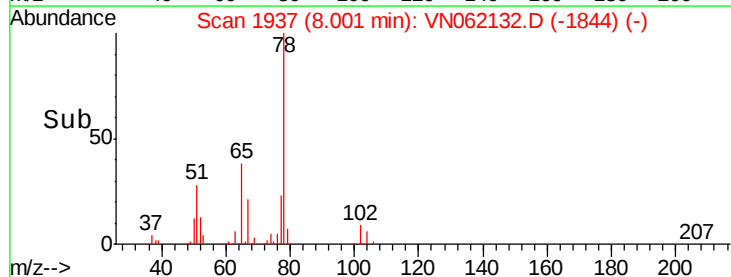
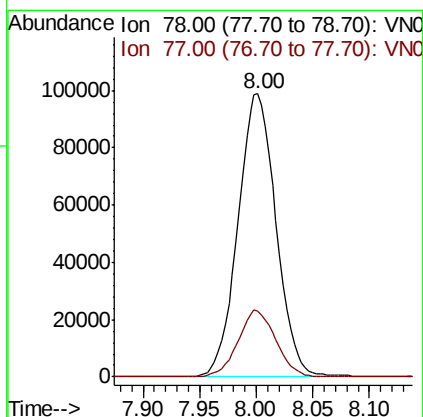
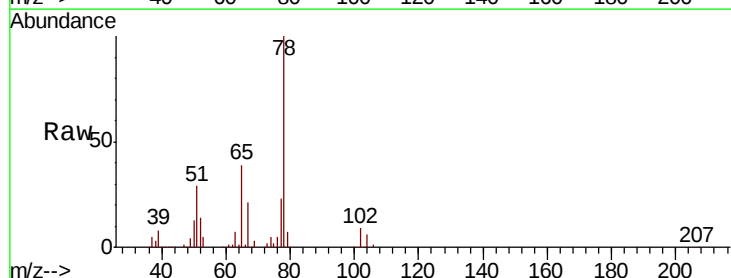
Instrument :
MSVOA_N
ClientSampled :
VN0626MBS01

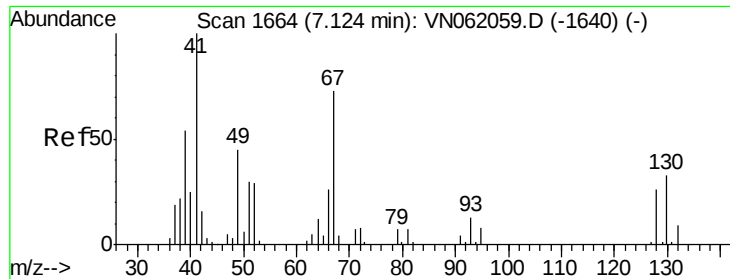
Tot Ion	83	Resp	83012
Ion Ratio	Lower	Upper	
83	100		
55	67.6	57.0	85.6
98	49.4	39.0	58.6



#40
Benzene
Concen: 18.323 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	78	Resp	231253
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.5	29.3

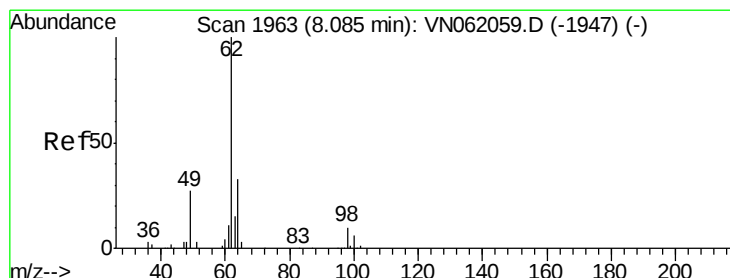
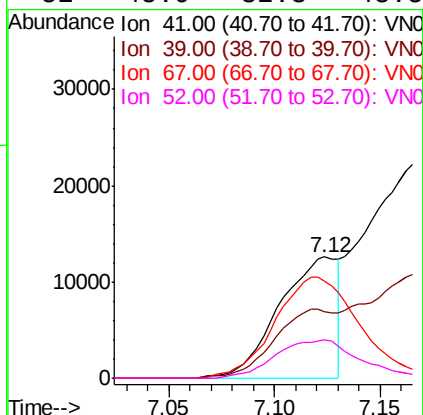
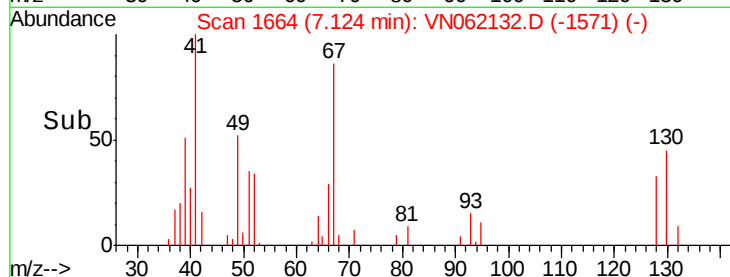
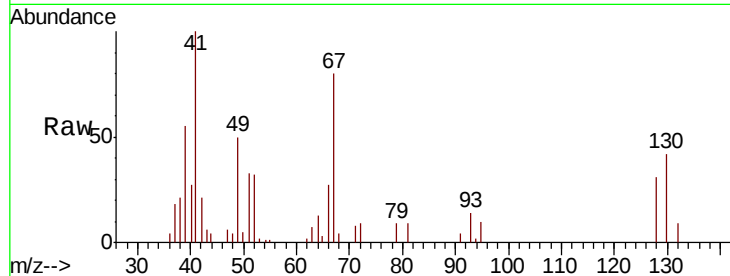




#41
Methacrylonitrile
Concen: 15.351 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

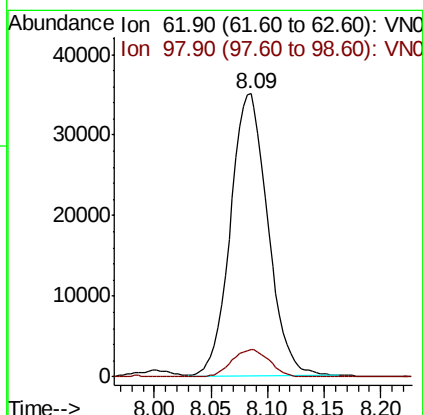
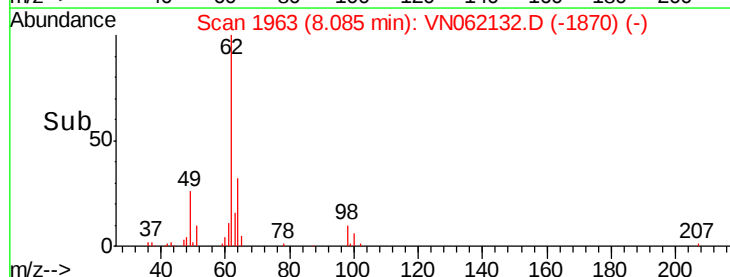
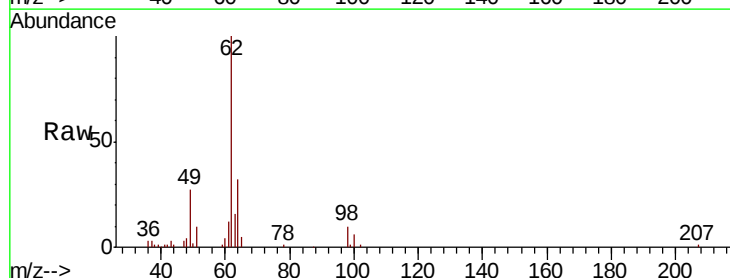
Instrument :
MSVOA_N
ClientSampled :
VN0626MBS01

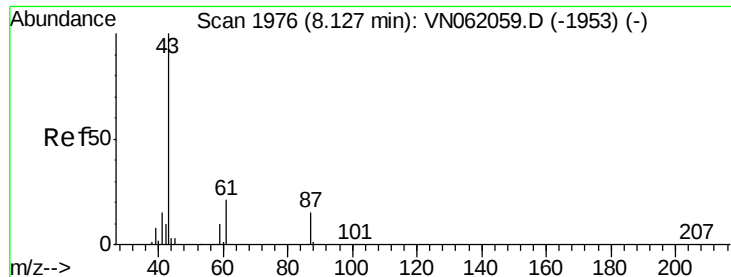
Tot Ion: 41 Resp: 24403
Ion Ratio Lower Upper
41 100
39 54.6 44.2 66.2
67 121.9 79.5 119.3#
52 45.9 32.3 48.5



#42
1,2-Dichloroethane
Concen: 18.889 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion: 62 Resp: 80548
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8





#43

Isopropyl Acetate

Concen: 19.160 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

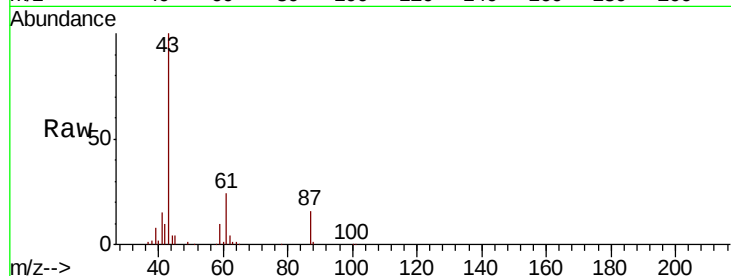
Tot Ion: 43 Resp: 107094

Ion Ratio Lower Upper

43 100

61 21.3 17.2 25.8

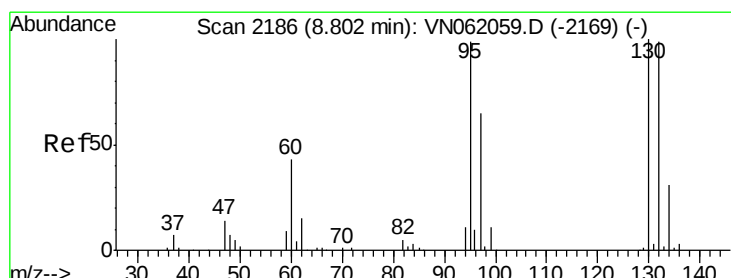
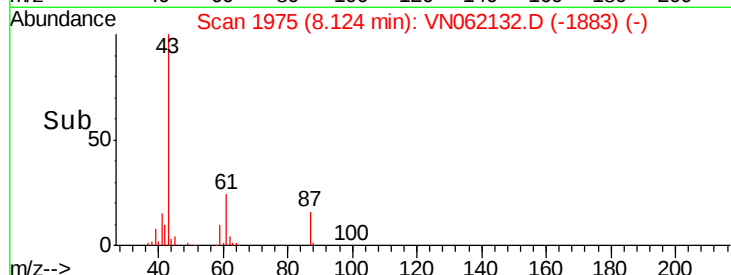
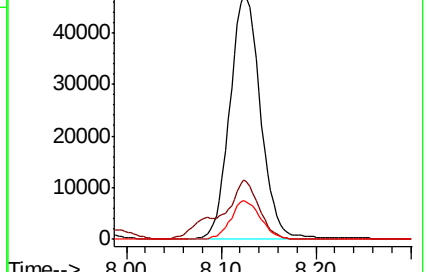
87 15.3 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062132.D (-1975) (-)

Ion 61.00 (60.70 to 61.70): VN062132.D (-1975) (-)

Ion 87.00 (86.70 to 87.70): VN062132.D (-1975) (-)



#44

Trichloroethene

Concen: 19.073 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062132.D

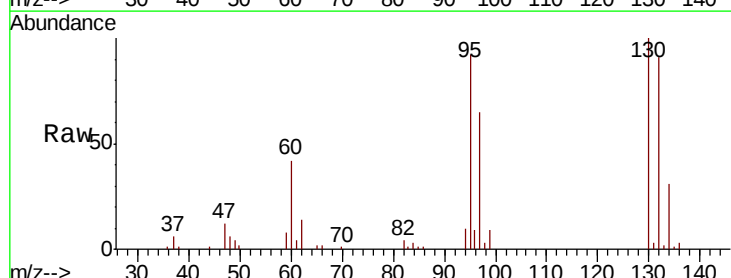
Acq: 26 Jun 2020 12:12

Tgt Ion:130 Resp: 60723

Ion Ratio Lower Upper

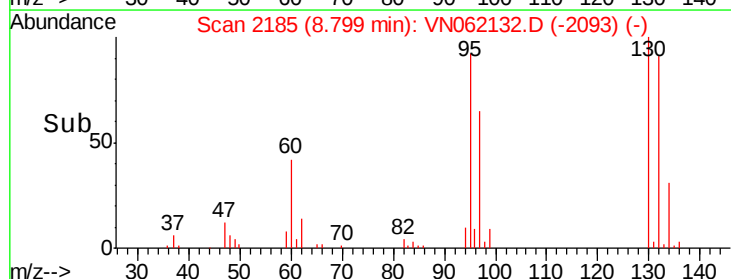
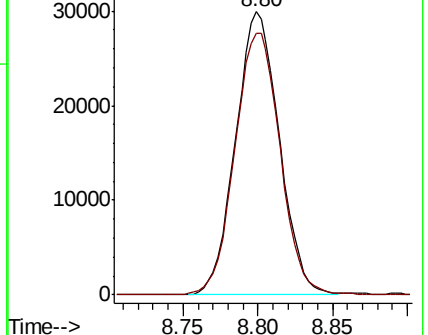
130 100

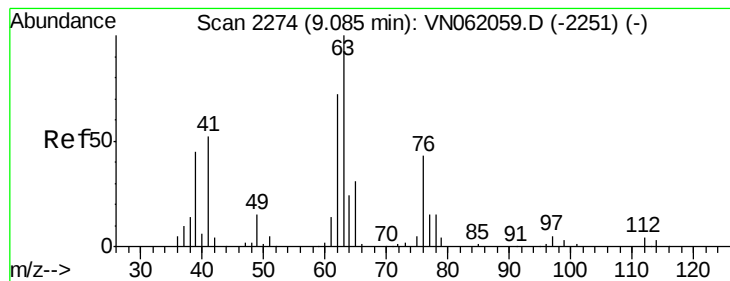
95 91.9 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062132.D (-2185) (-)

Ion 94.90 (94.60 to 95.60): VN062132.D (-2185) (-)





#45

1,2-Dichloropropane

Concen: 18.738 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

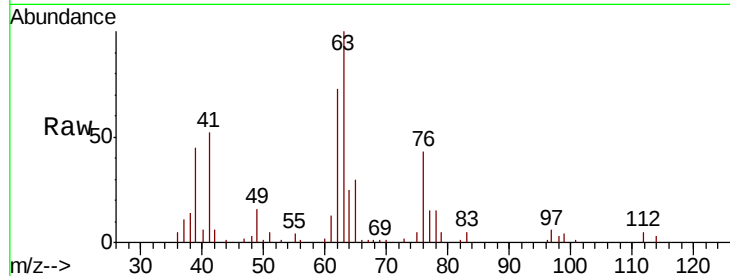
VN0626MBS01

Tot Ion: 63 Resp: 58345

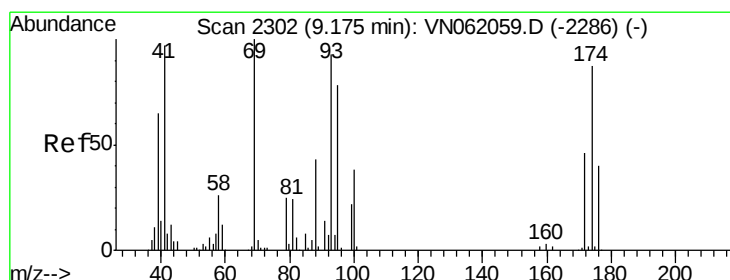
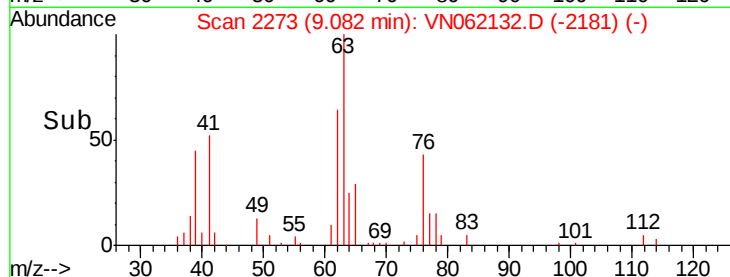
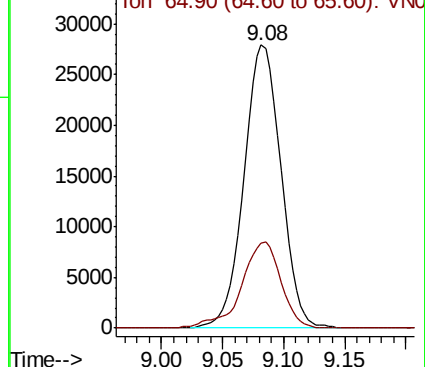
Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN062132.D (-2181) (-)



#46

Dibromomethane

Concen: 19.416 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

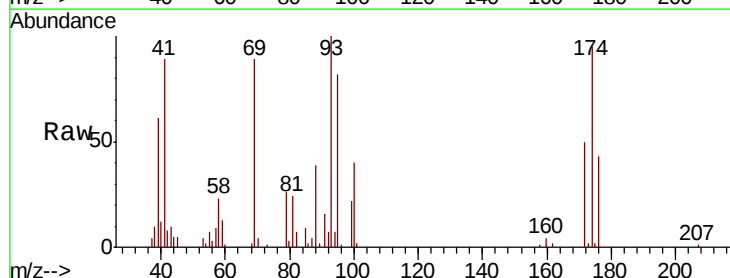
Tgt Ion: 93 Resp: 40989

Ion Ratio Lower Upper

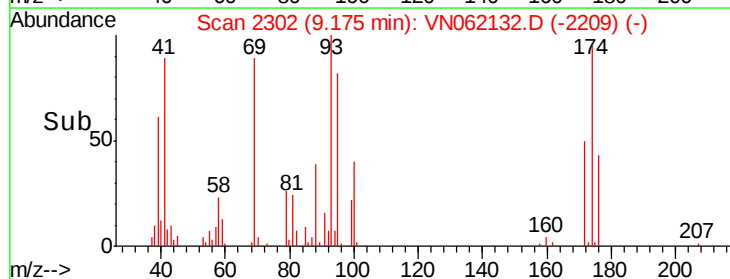
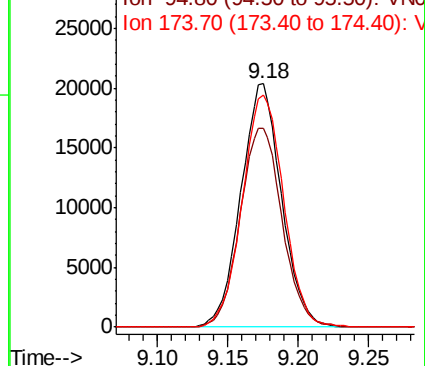
93 100

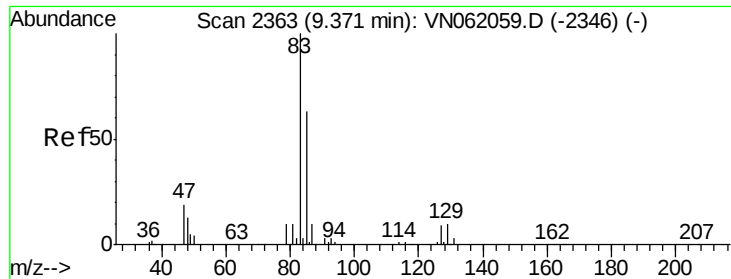
95 84.6 67.0 100.6

174 97.3 74.4 111.6



Abundance Ion 92.80 (92.50 to 93.50): VN062132.D (-2209) (-)

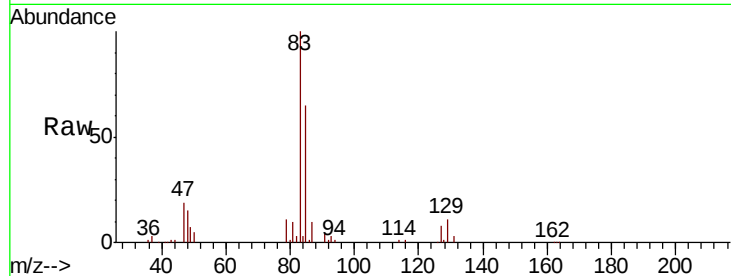




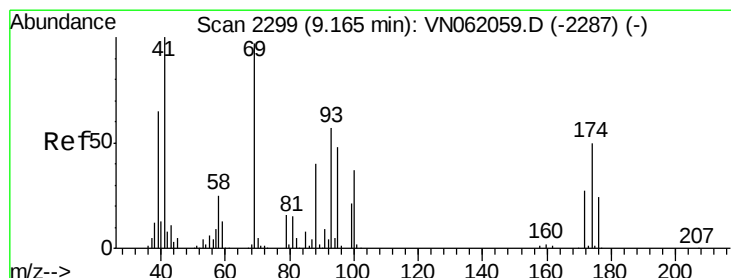
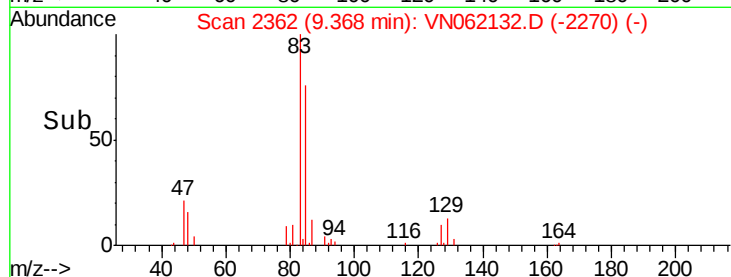
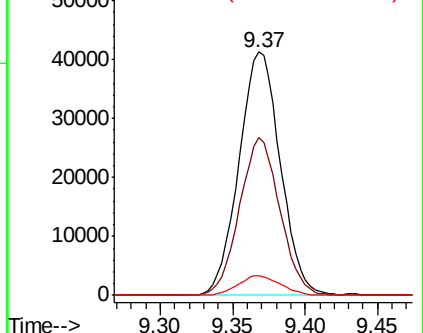
#47
Bromodichloromethane
Concen: 19.262 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion: 83 Resp: 82105
Ion Ratio Lower Upper
83 100
85 64.6 50.3 75.5
127 8.2 6.9 10.3

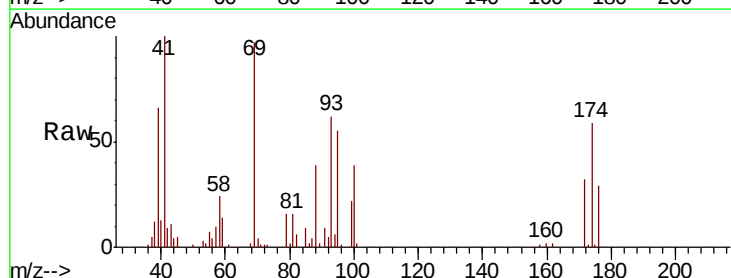


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

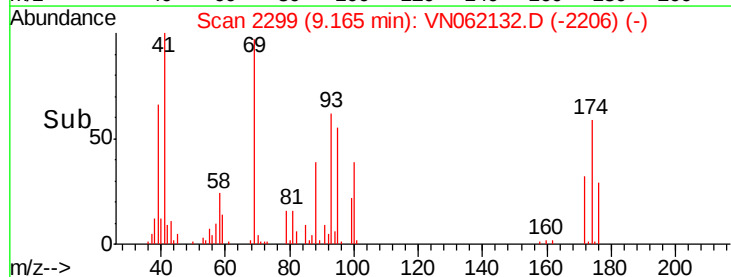
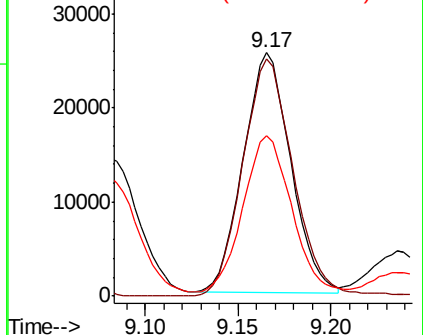


#48
Methyl methacrylate
Concen: 18.100 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion: 41 Resp: 45361
Ion Ratio Lower Upper
41 100
69 105.7 80.7 121.1
39 69.5 54.5 81.7



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

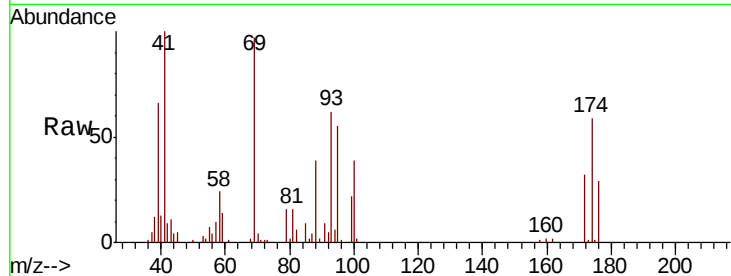




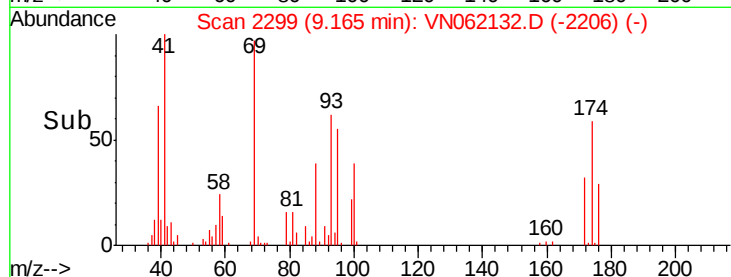
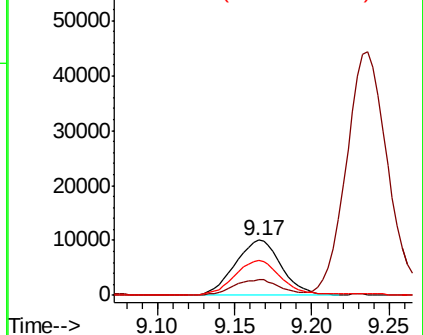
#49
1,4-Dioxane
Concen: 377.039 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

Tot Ion: 88 Resp: 20955
Ion Ratio Lower Upper
88 100
43 28.7 22.0 33.0
58 63.0 49.2 73.8

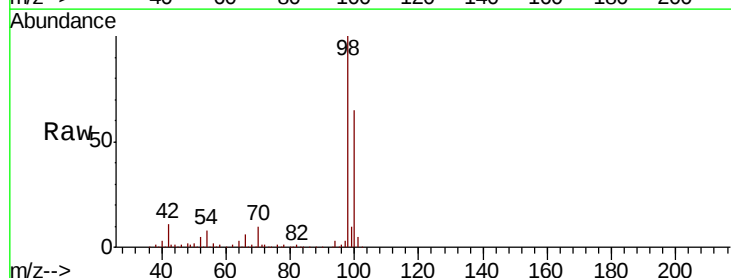


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

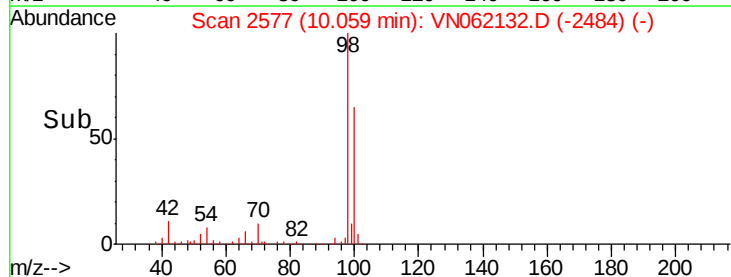
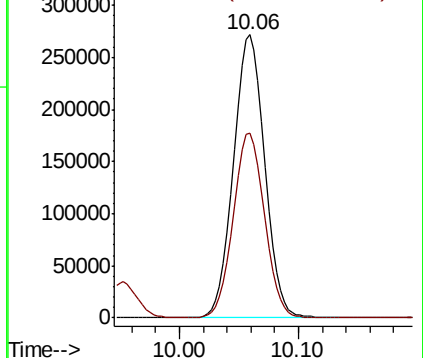


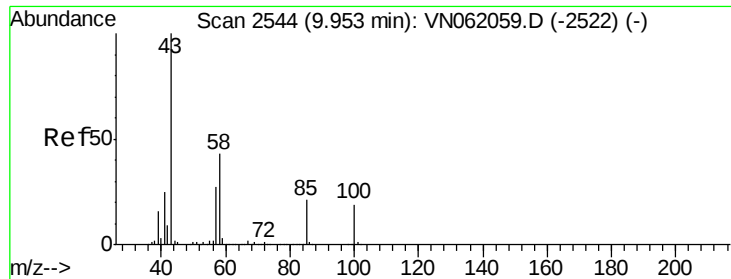
#50
Toluene-d8
Concen: 46.771 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion: 98 Resp: 494118
Ion Ratio Lower Upper
98 100
100 65.3 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 97.650 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

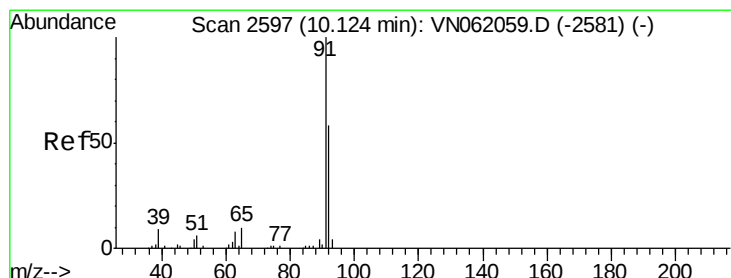
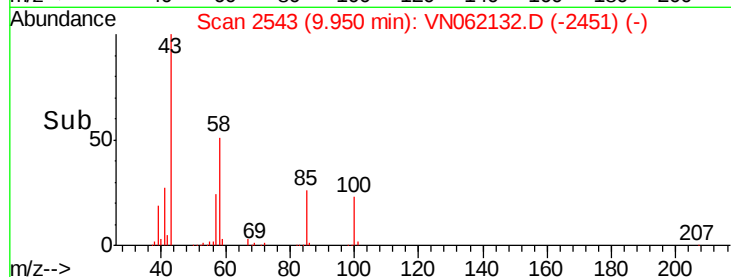
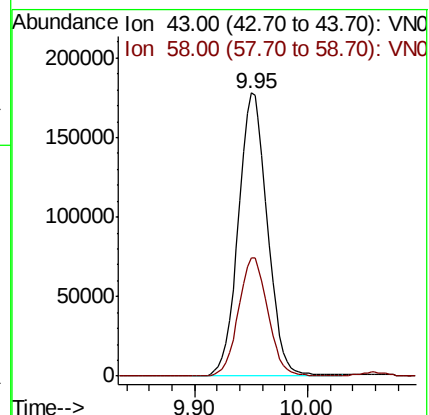
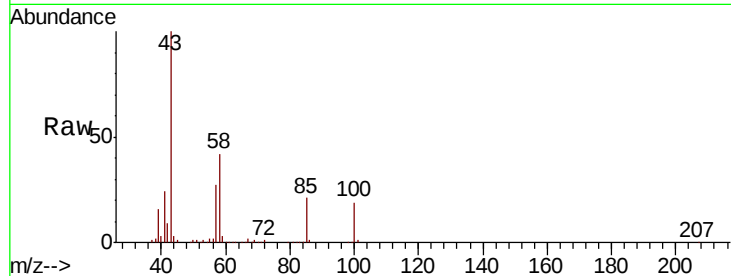
VN0626MBS01

Tot Ion: 43 Resp: 318899

Ion Ratio Lower Upper

43 100

58 42.3 34.2 51.2



#52

Toluene

Concen: 19.005 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062132.D

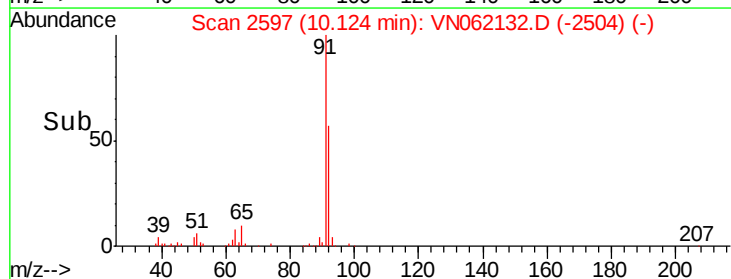
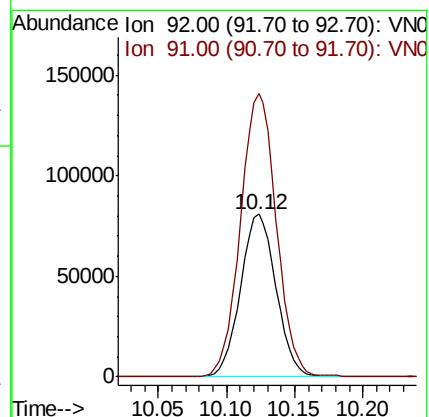
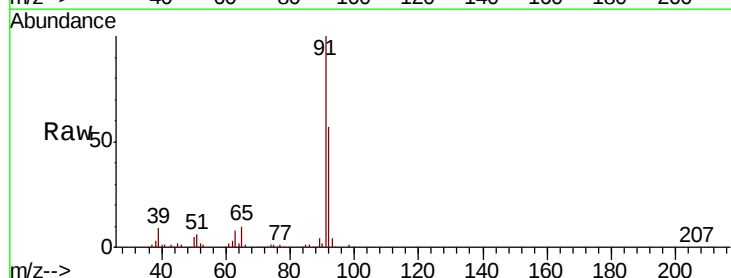
Acq: 26 Jun 2020 12:12

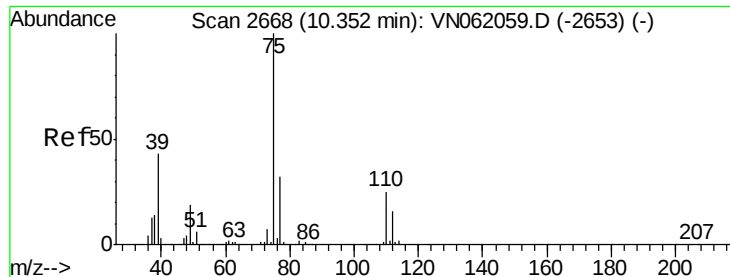
Tgt Ion: 92 Resp: 146355

Ion Ratio Lower Upper

92 100

91 175.9 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 18.871 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

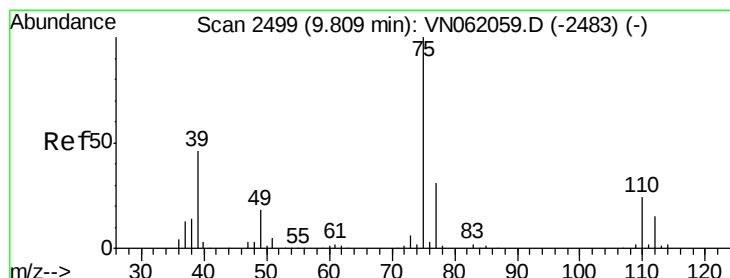
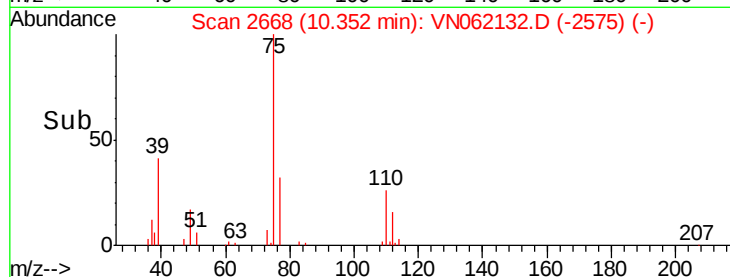
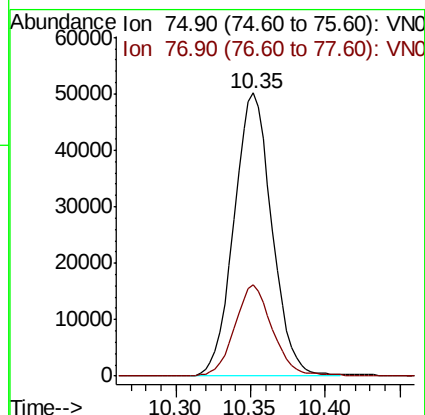
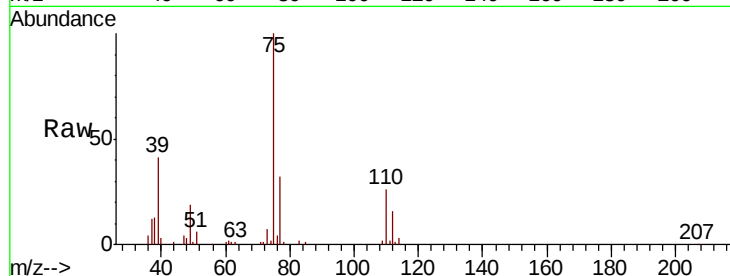
VN0626MBS01

Tot Ion: 75 Resp: 88498

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 19.340 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

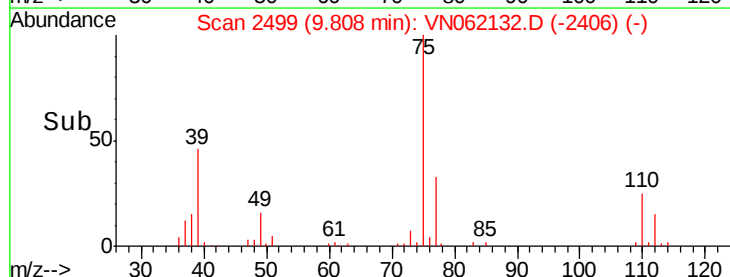
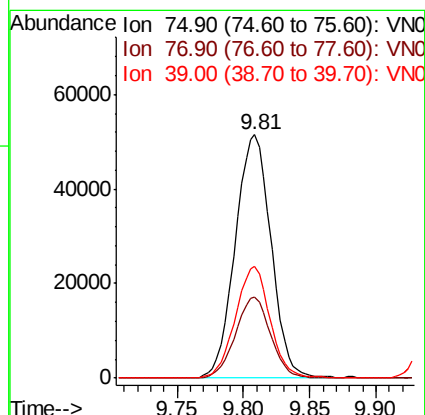
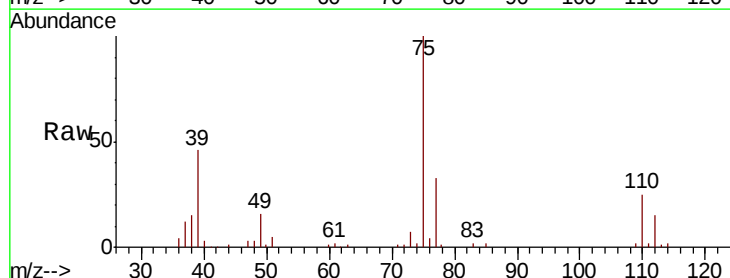
Tgt Ion: 75 Resp: 96558

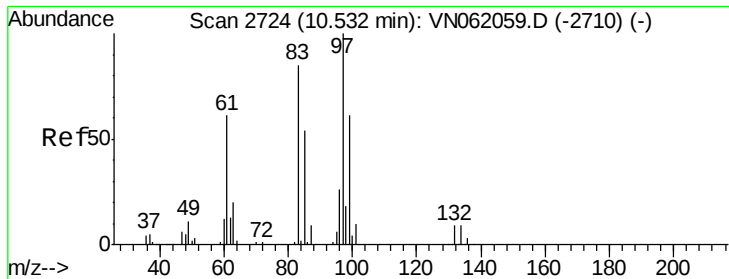
Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.6

39 45.7 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 20.056 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

VN0626MBS01

Tot Ion: 97 Resp: 60710

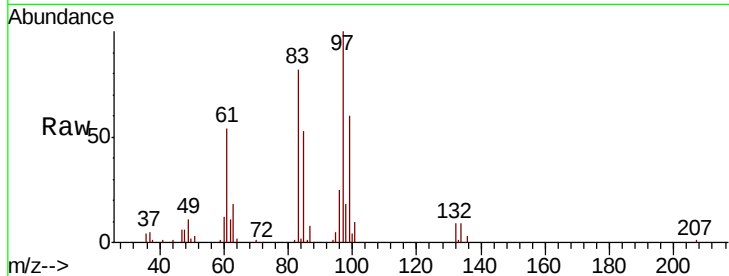
Ion Ratio Lower Upper

97 100

83 81.8 68.2 102.2

85 52.7 43.2 64.8

99 60.4 48.5 72.7

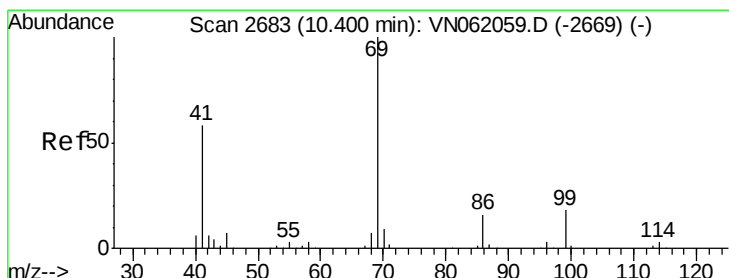
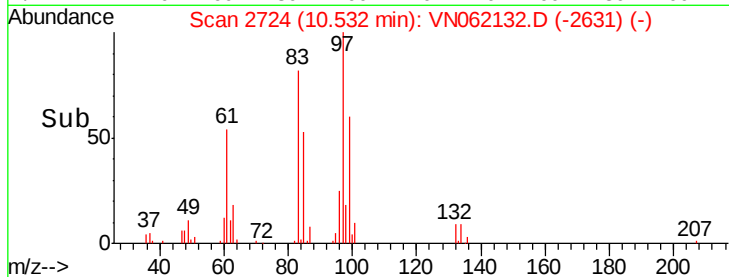
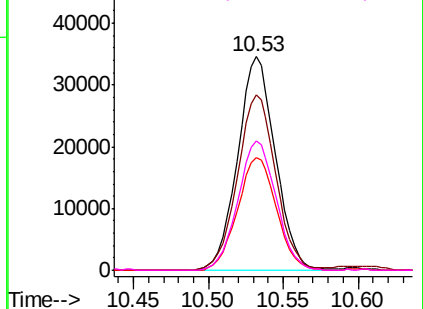


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 19.504 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

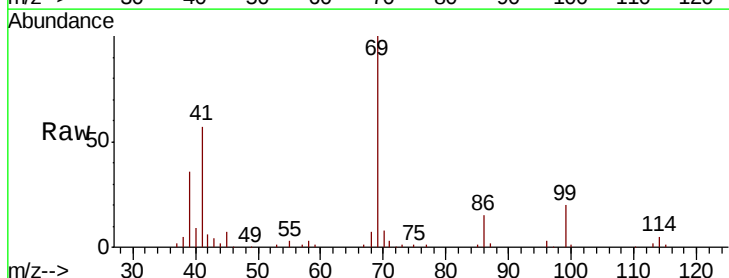
Tgt Ion: 69 Resp: 78790

Ion Ratio Lower Upper

69 100

41 57.7 46.6 70.0

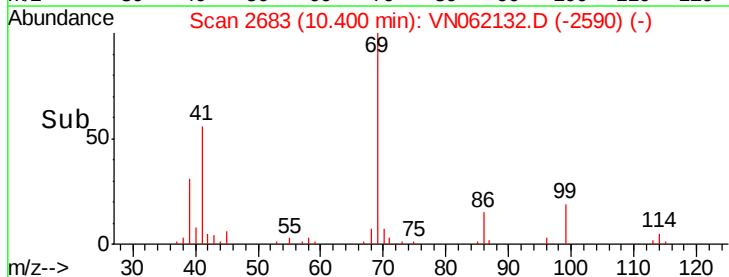
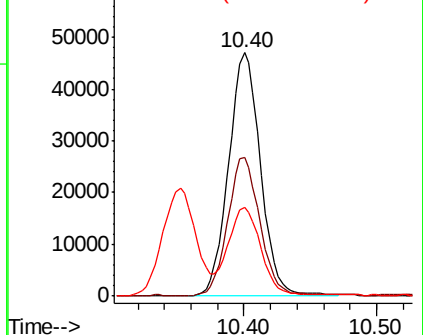
39 36.4 31.0 46.4

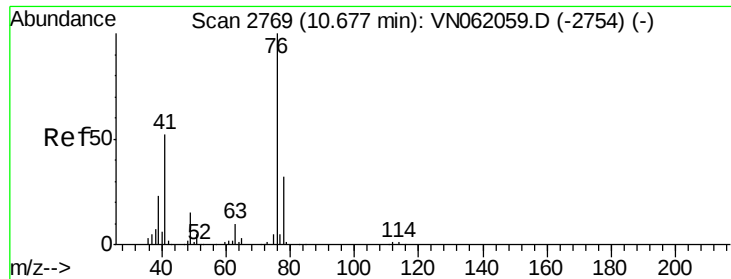


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

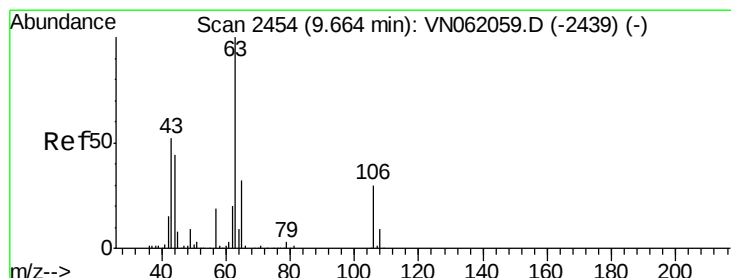
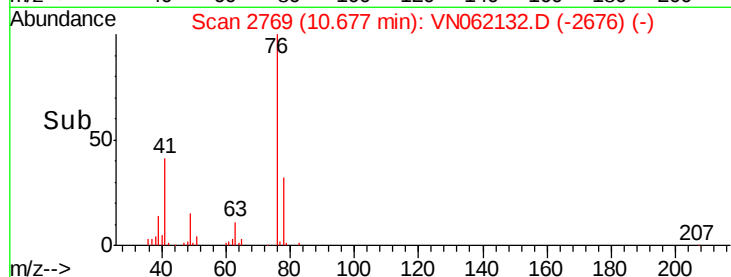
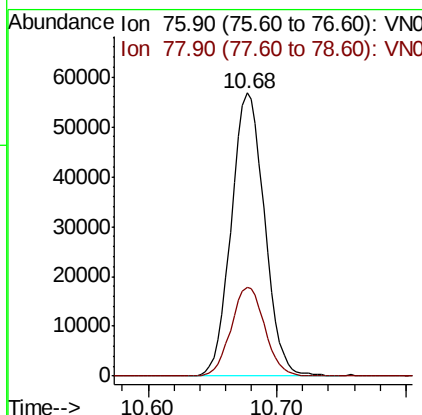
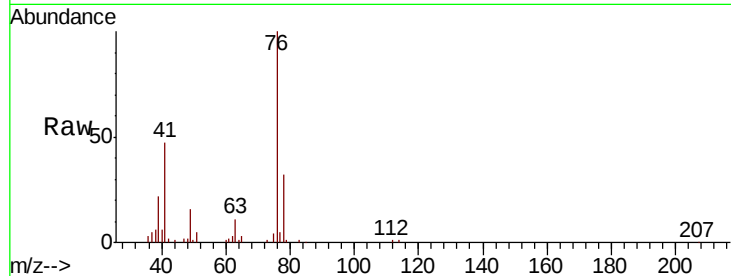




#57
 1,3-Dichloropropane
 Concen: 19.550 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

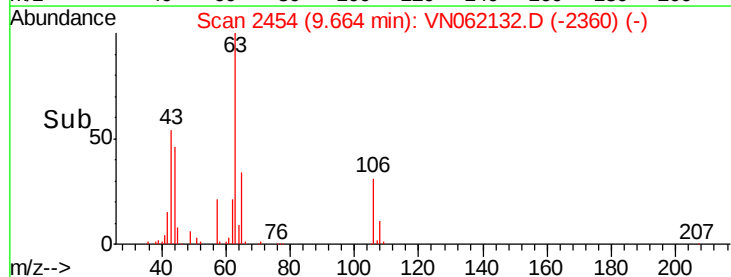
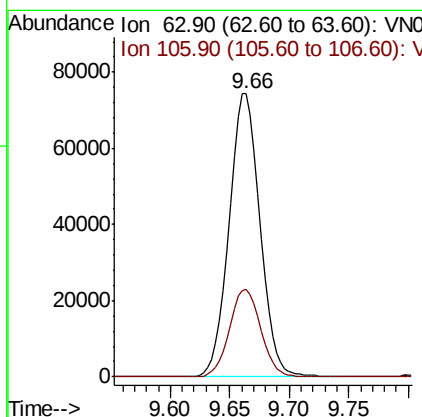
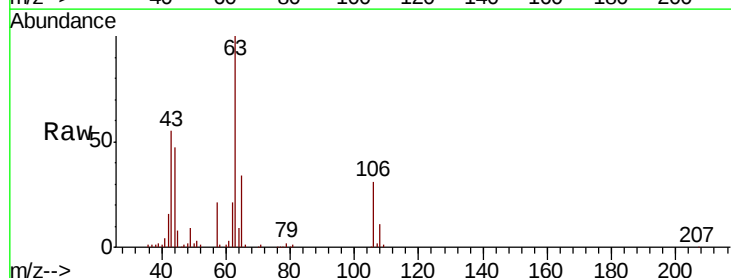
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

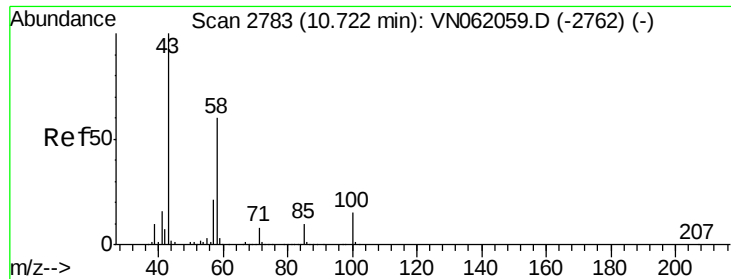
Tot Ion: 76 Resp: 101861
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.973 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion: 63 Resp: 133963
 Ion Ratio Lower Upper
 63 100
 106 31.1 23.2 34.8

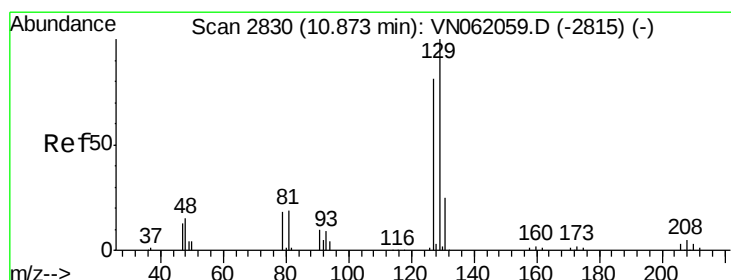
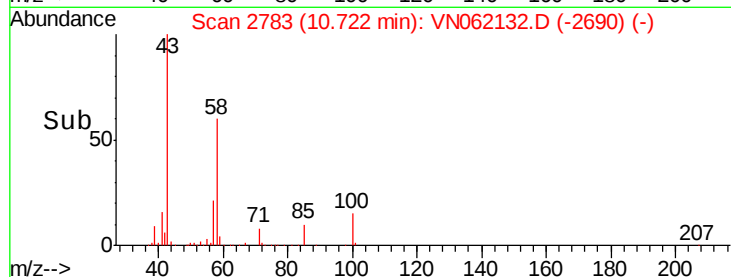
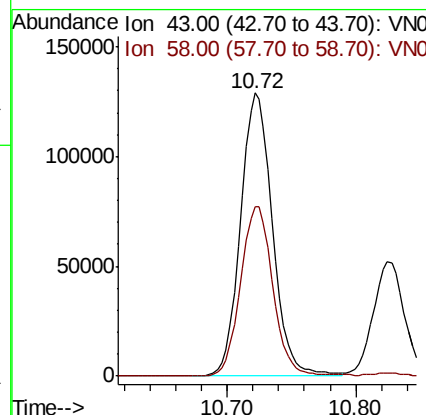
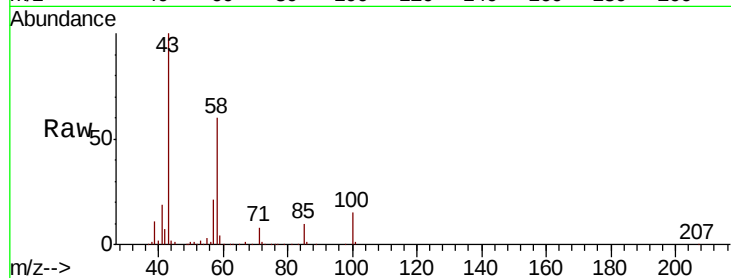




#59
2-Hexanone
Concen: 94.334 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

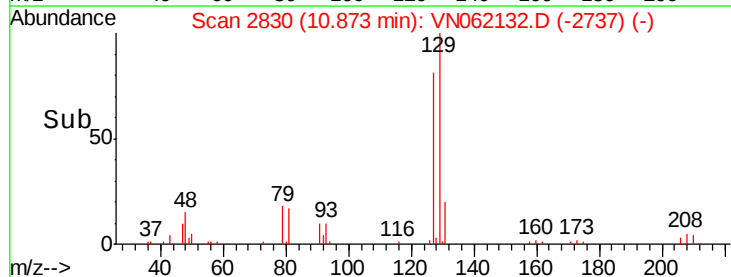
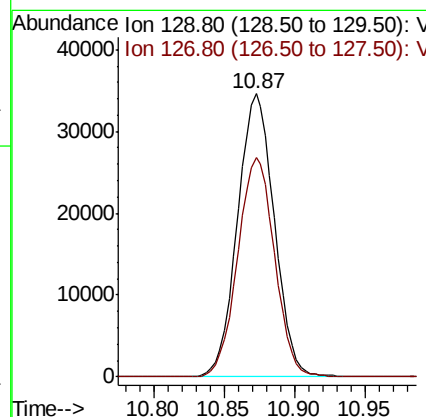
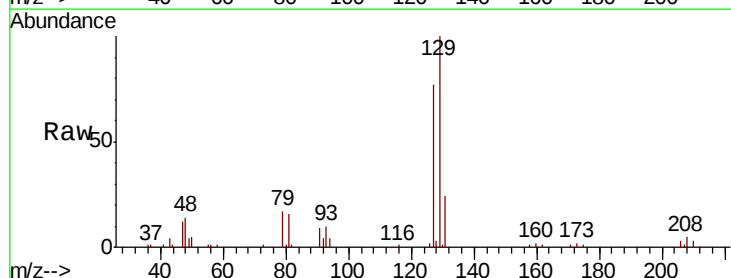
Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

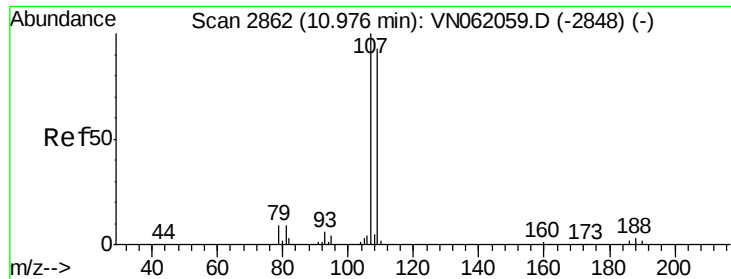
Tot Ion: 43 Resp: 222455
Ion Ratio Lower Upper
43 100
58 60.7 29.5 88.5



#60
Dibromochloromethane
Concen: 19.721 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion: 129 Resp: 63203
Ion Ratio Lower Upper
129 100
127 77.6 39.5 118.5

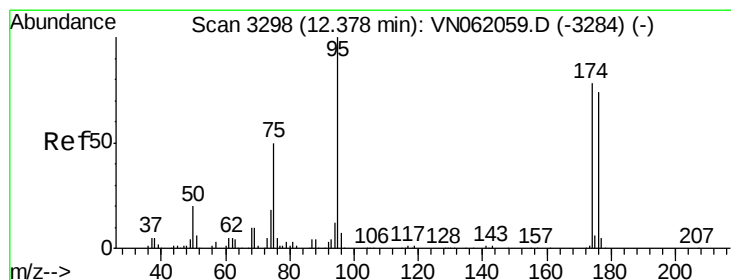
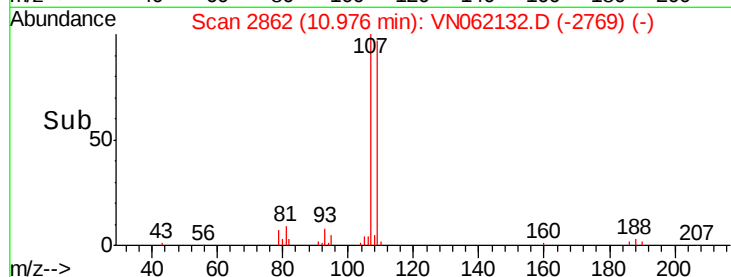
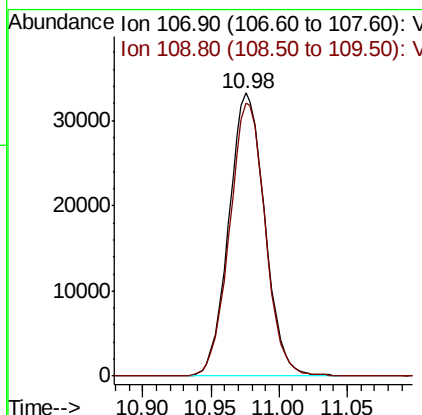
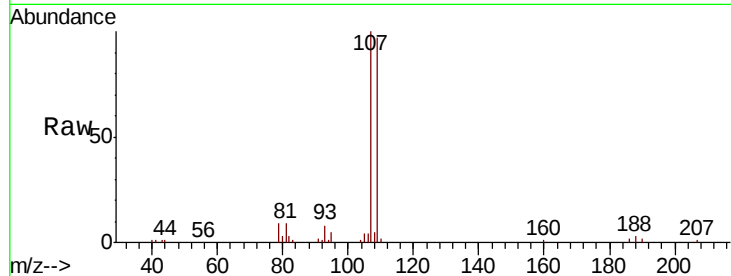




#61
 1,2-Dibromoethane
 Concen: 19.548 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

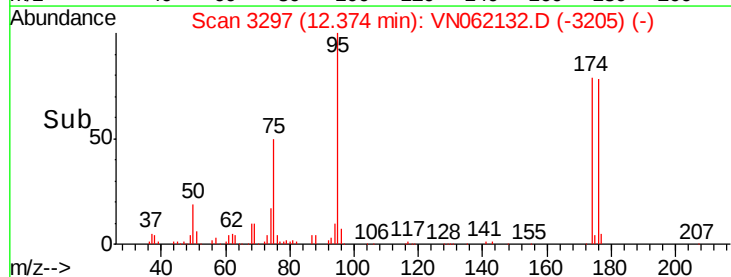
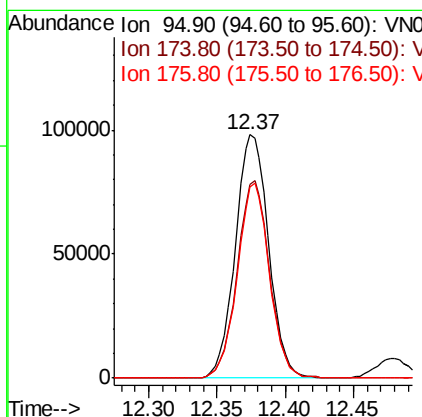
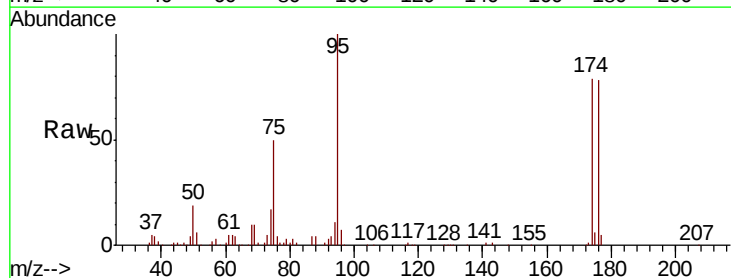
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

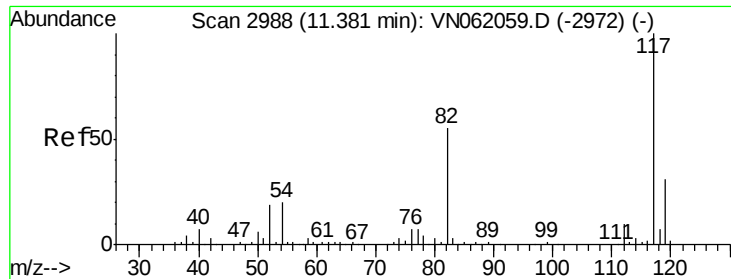
Tot Ion:107 Resp: 60803
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.491 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion: 95 Resp: 165943
 Ion Ratio Lower Upper
 95 100
 174 79.1 0.0 154.8
 176 77.0 0.0 147.4

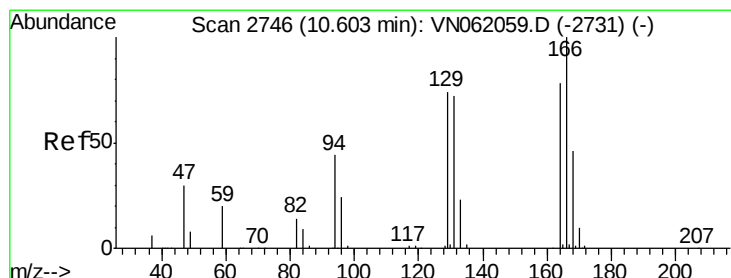
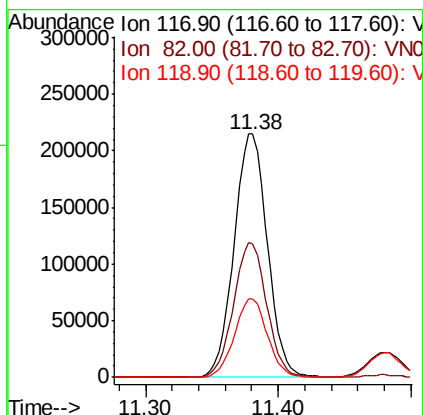
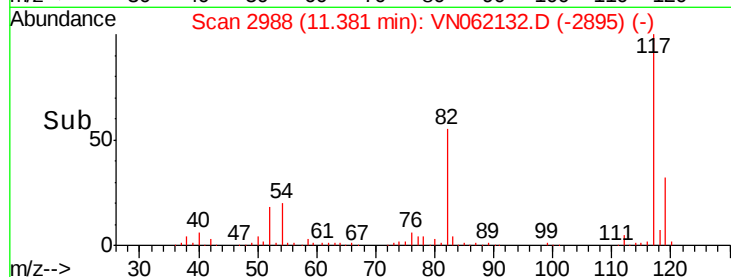
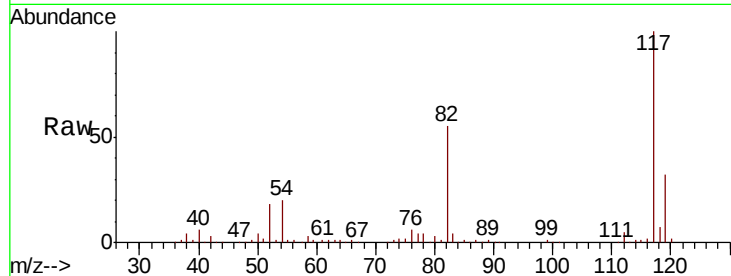




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

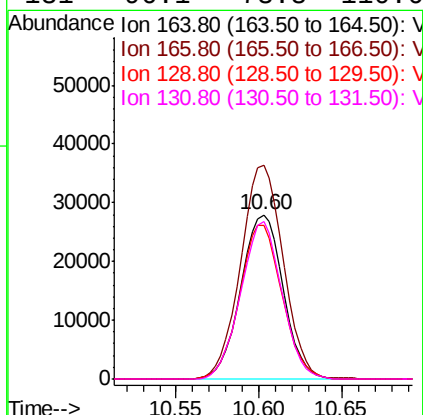
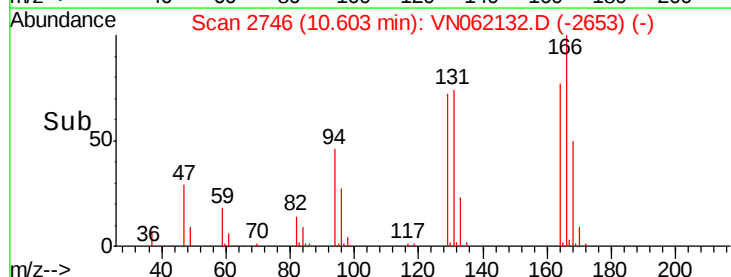
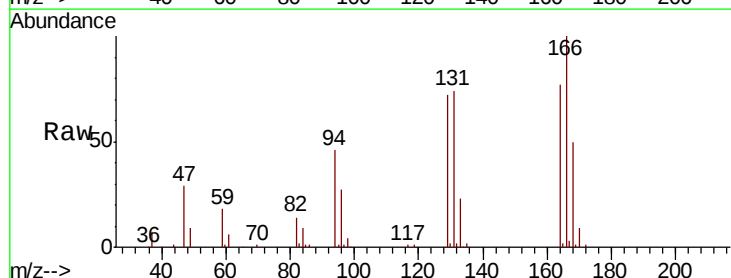
Instrument :
MSVOA_N
ClientSampleId :
VN0626MBS01

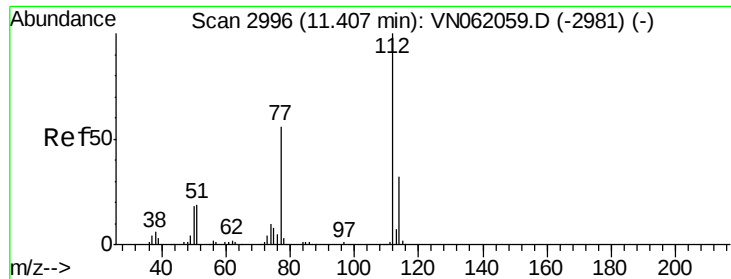
Tot Ion:117 Resp: 375206
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 32.4 25.2 37.8



#64
Tetrachloroethene
Concen: 19.455 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion:164 Resp: 49864
Ion Ratio Lower Upper
164 100
166 130.0 102.9 154.3
129 93.6 75.8 113.8
131 96.1 73.8 110.6





#65

Chlorobenzene

Concen: 19.372 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

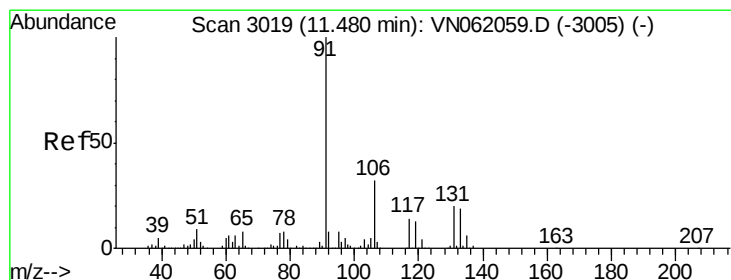
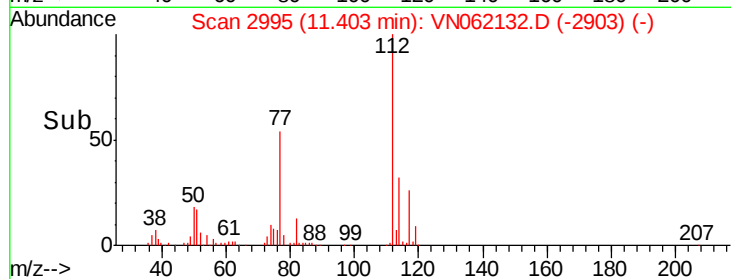
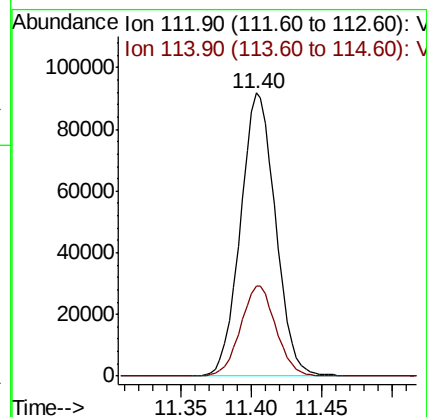
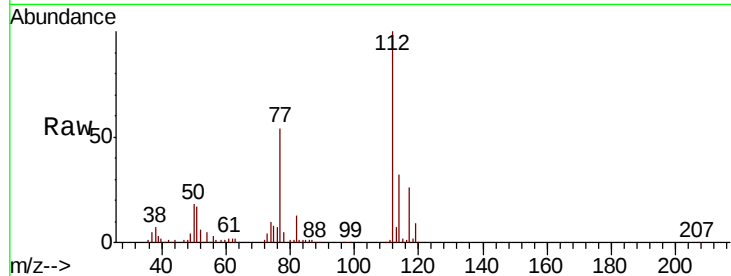
VN0626MBS01

Tot Ion:112 Resp: 159615

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.124 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

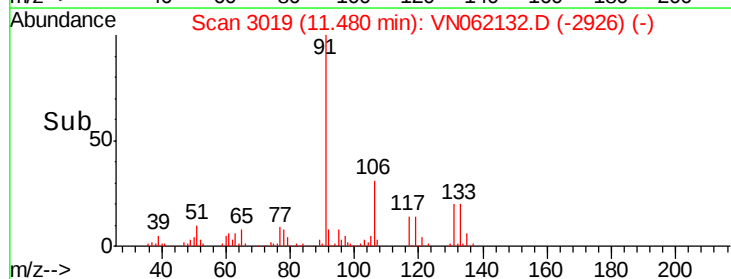
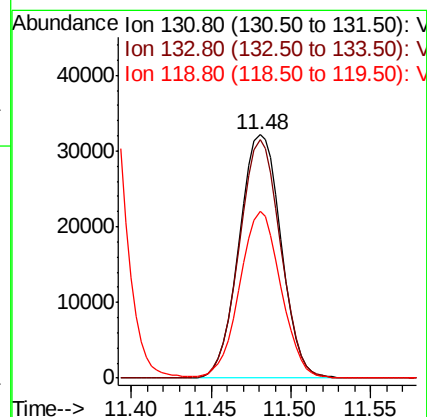
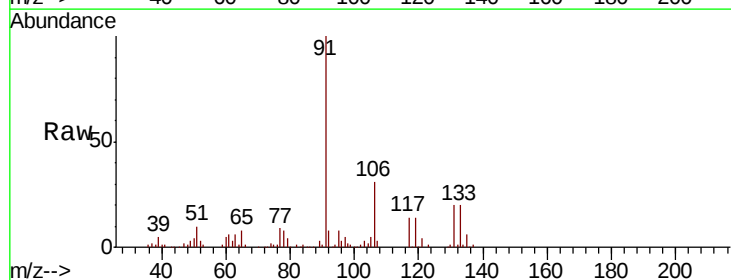
Tgt Ion:131 Resp: 57337

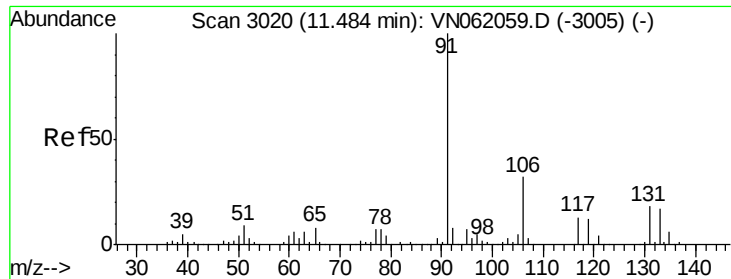
Ion Ratio Lower Upper

131 100

133 96.5 47.6 142.9

119 67.4 34.4 103.3

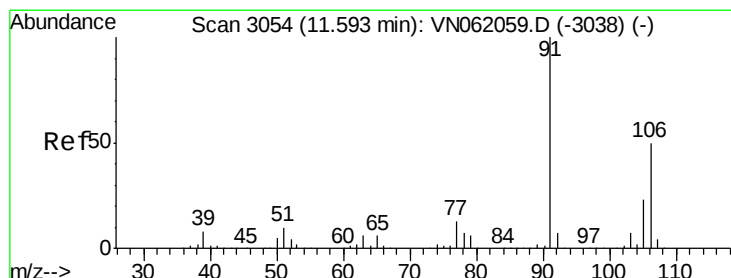
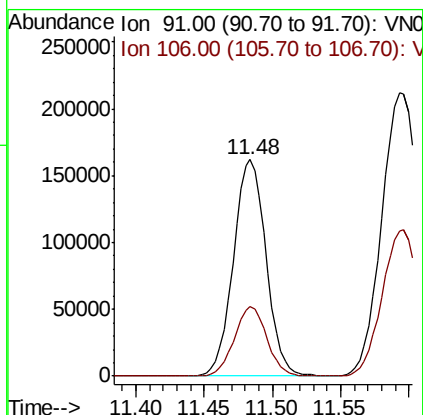
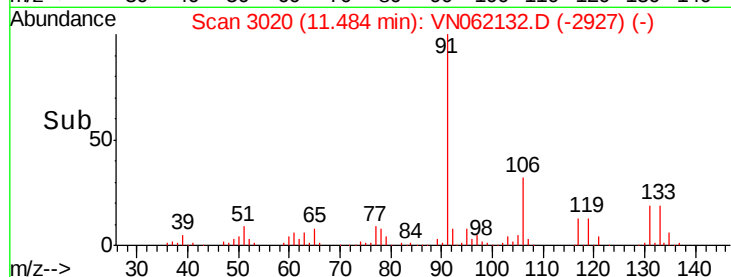
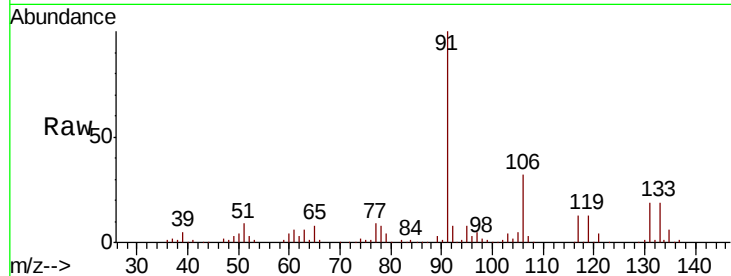




#67
Ethyl Benzene
Concen: 19.365 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

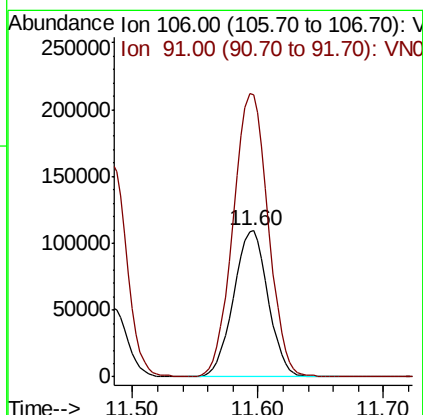
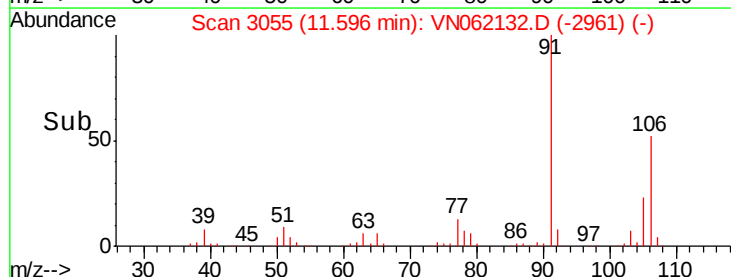
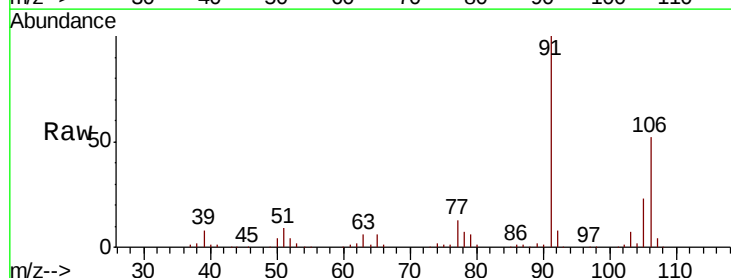
Instrument :
MSVOA_N
ClientSampled :
VN0626MBS01

Tot Ion: 91 Resp: 269478
Ion Ratio Lower Upper
91 100
106 32.0 25.3 37.9



#68
m/p-Xylenes
Concen: 38.950 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion: 106 Resp: 209642
Ion Ratio Lower Upper
106 100
91 195.2 157.8 236.8

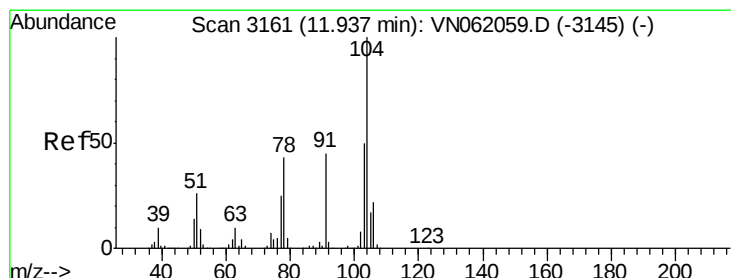
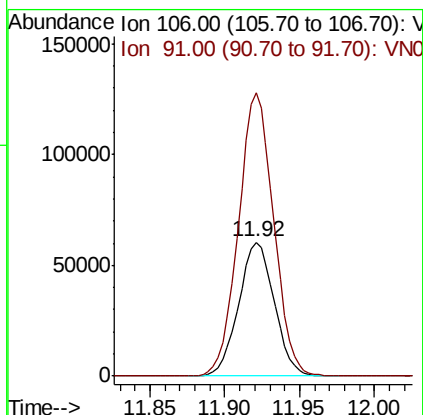
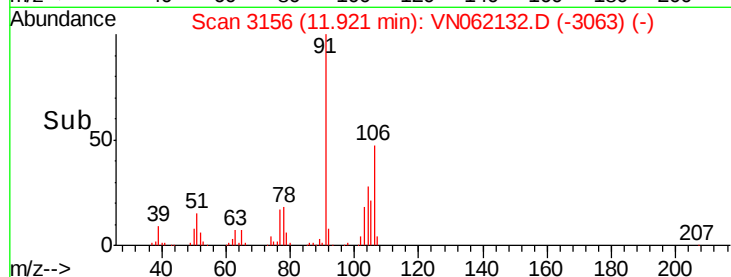
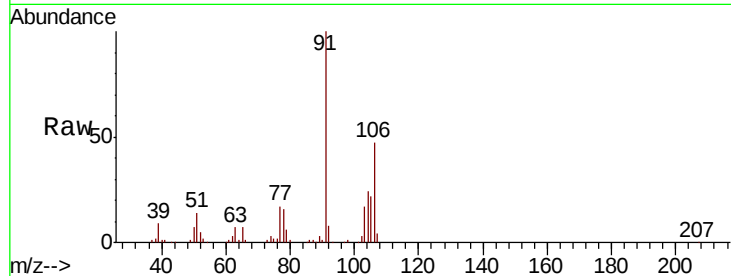




#69
o-Xylene
Concen: 19.725 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

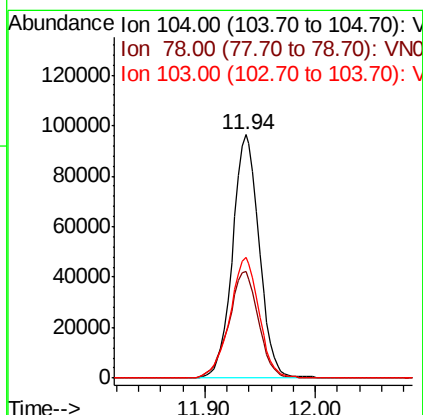
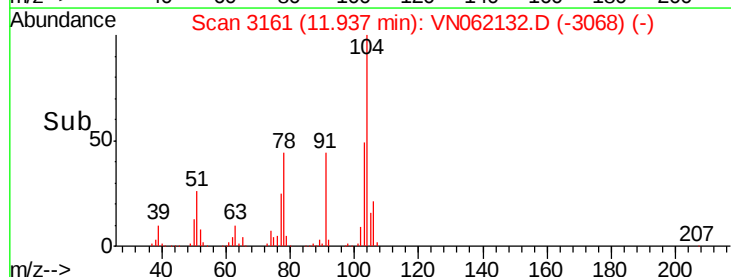
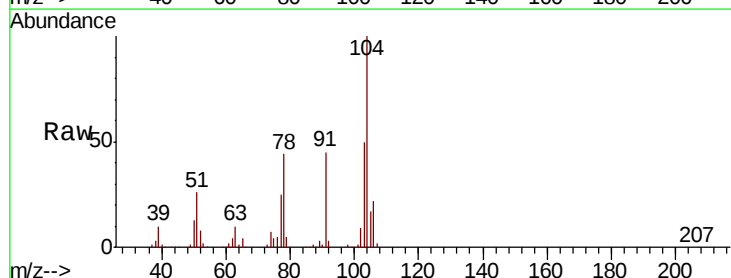
Instrument :
MSVOA_N
ClientSampled :
VN0626MBS01

Tot Ion:106 Resp: 100170
Ion Ratio Lower Upper
106 100
91 208.9 104.0 311.9



#70
Styrene
Concen: 19.094 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion:104 Resp: 161712
Ion Ratio Lower Upper
104 100
78 48.8 37.7 56.5
103 54.2 43.0 64.6





#71

Bromoform

Concen: 20.191 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

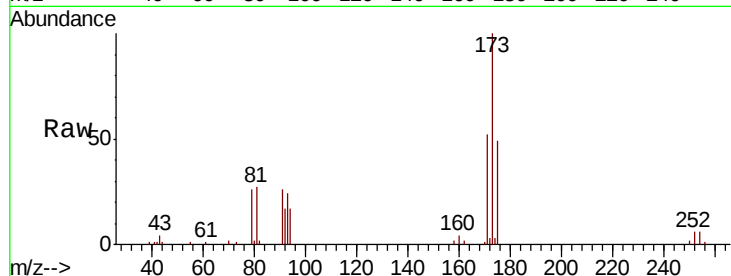
Tot Ion:173 Resp: 40902

Ion Ratio Lower Upper

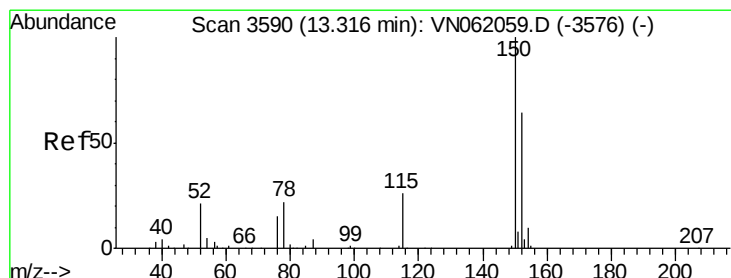
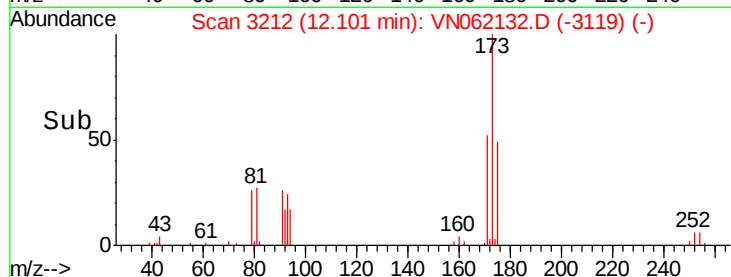
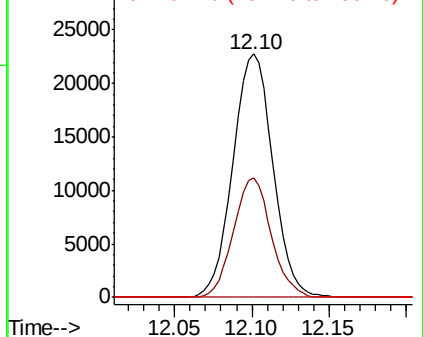
173 100

175 46.1 24.7 74.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

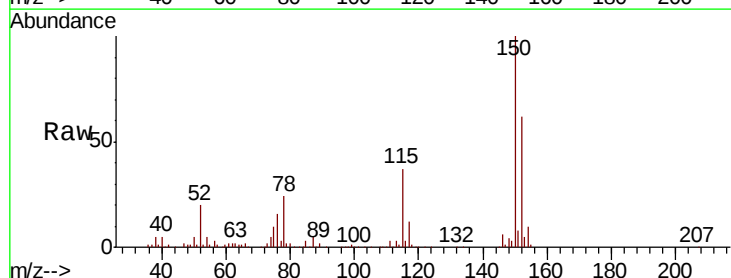
Tgt Ion:152 Resp: 170084

Ion Ratio Lower Upper

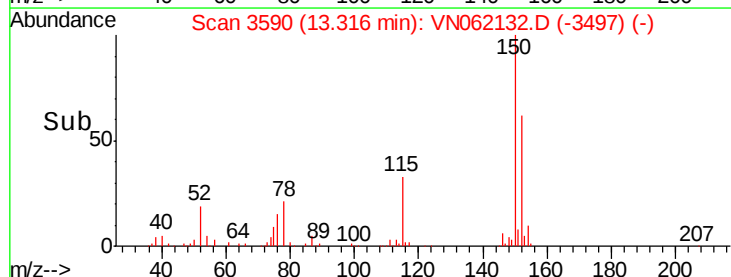
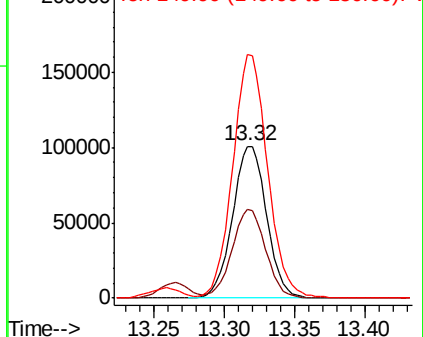
152 100

115 58.0 29.5 88.5

150 164.2 0.0 351.4



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





#73

Isopropylbenzene

Concen: 20.000 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

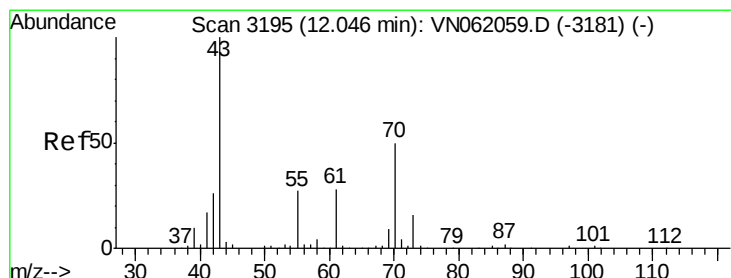
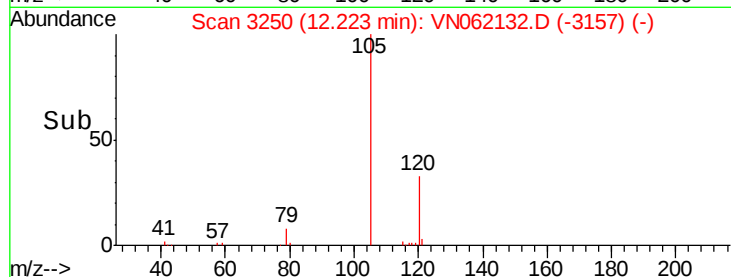
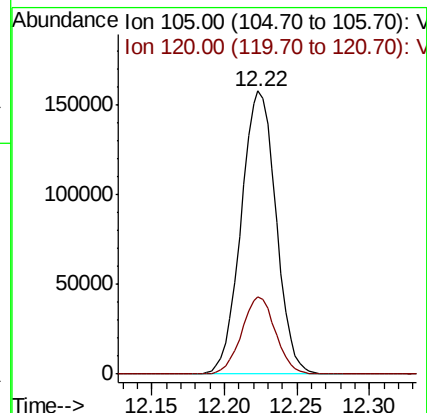
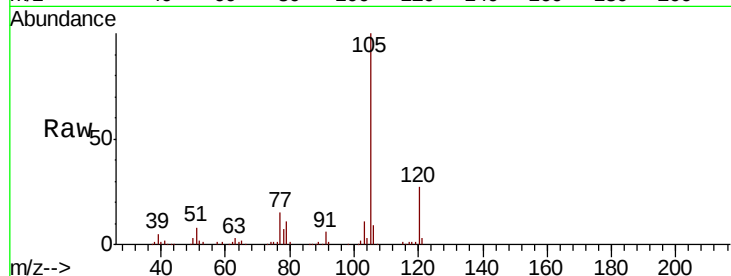
VN0626MBS01

Tot Ion:105 Resp: 263318

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 19.059 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Tgt Ion: 43 Resp: 81628

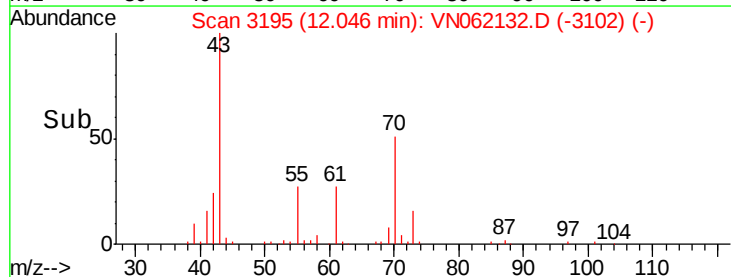
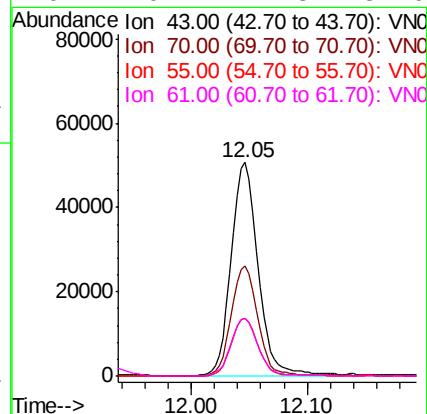
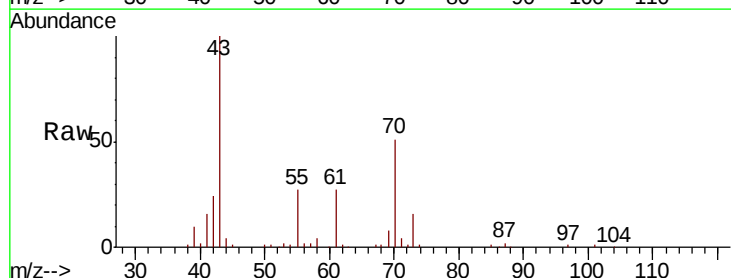
Ion Ratio Lower Upper

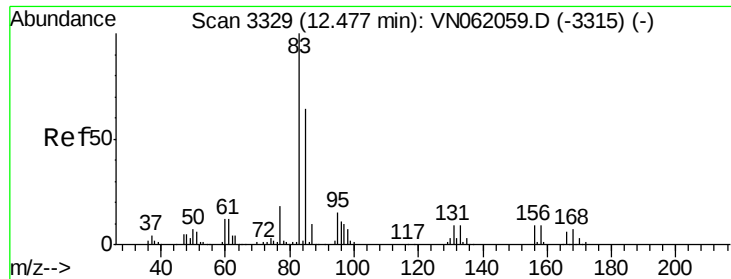
43 100

70 50.1 39.4 59.2

55 26.8 21.7 32.5

61 26.4 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.190 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

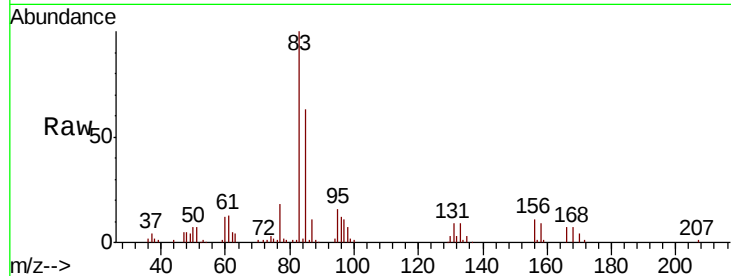
Tot Ion: 83 Resp: 84078

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.4

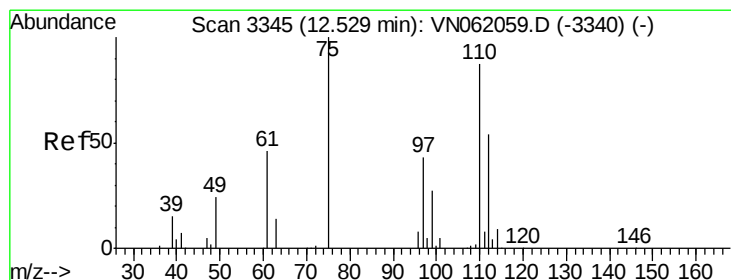
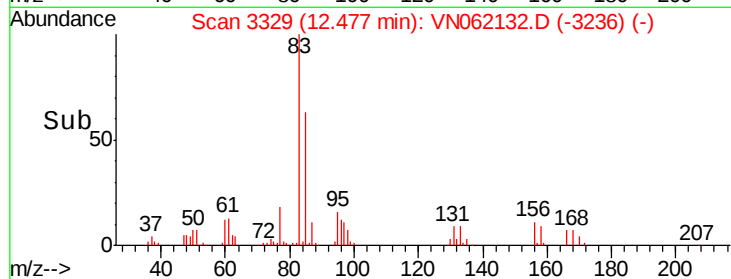
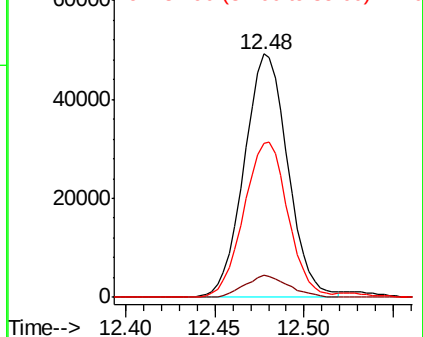
85 64.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.053 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062132.D

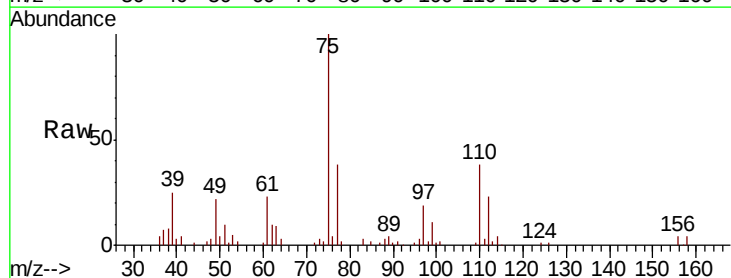
Acq: 26 Jun 2020 12:12

Tgt Ion: 75 Resp: 104316

Ion Ratio Lower Upper

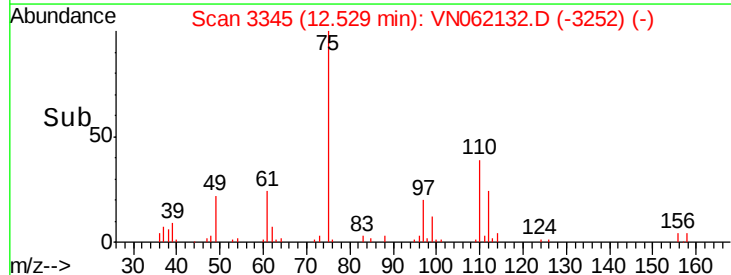
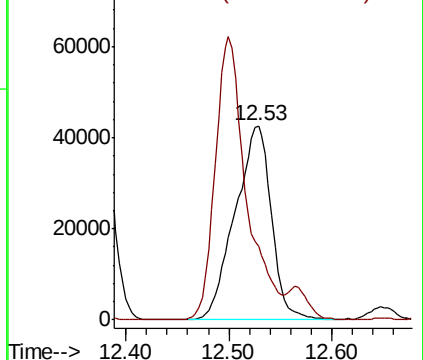
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.191 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

VN0626MBS01

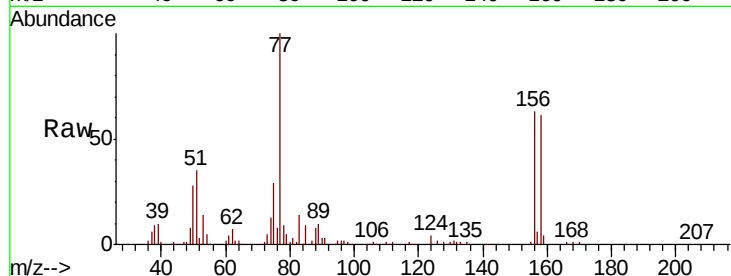
Tot Ion:156 Resp: 65996

Ion Ratio Lower Upper

156 100

77 197.2 104.6 313.8

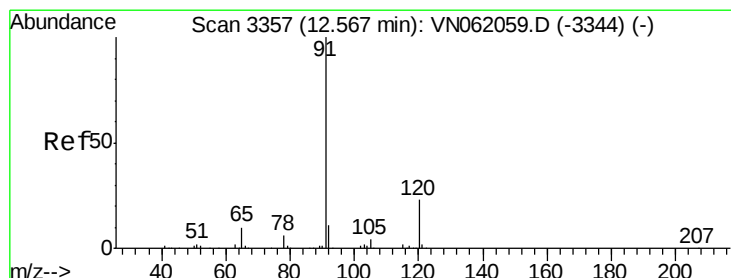
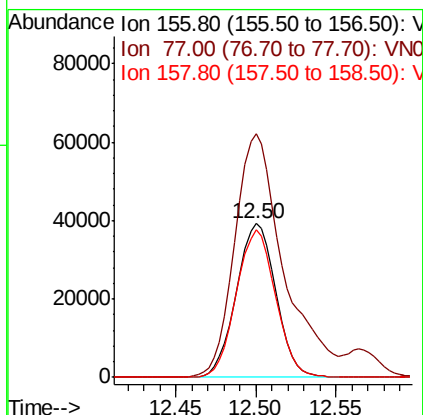
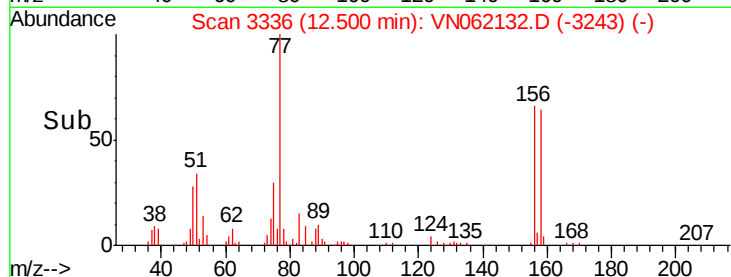
158 95.3 48.0 144.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.428 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062132.D

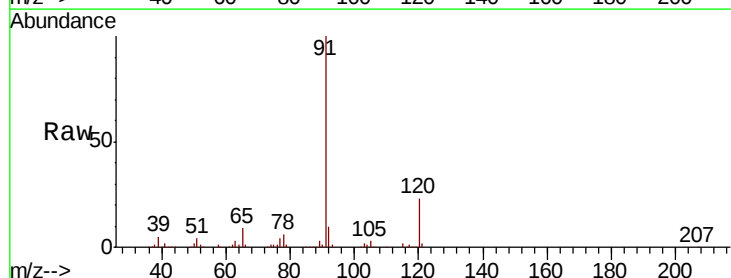
Acq: 26 Jun 2020 12:12

Tgt Ion: 91 Resp: 292584

Ion Ratio Lower Upper

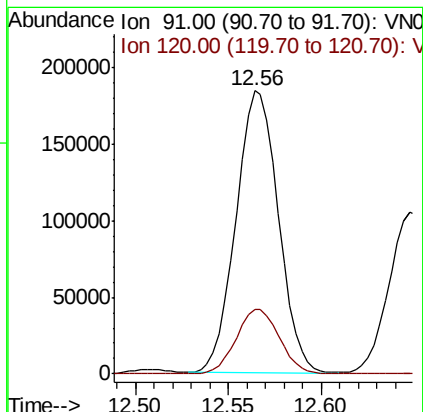
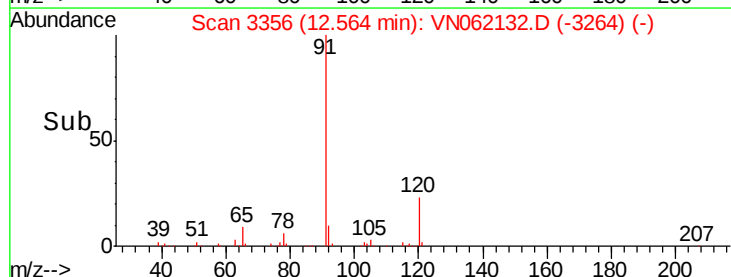
91 100

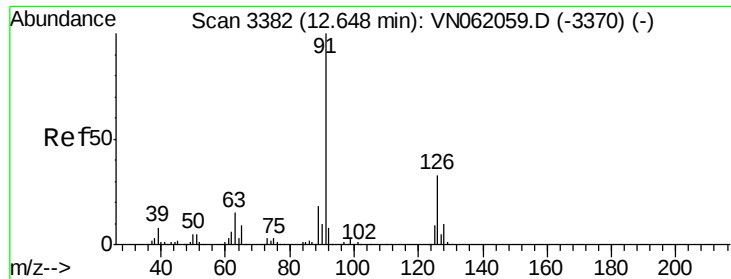
120 23.4 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

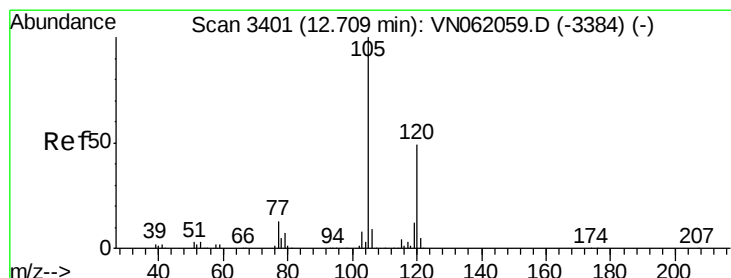
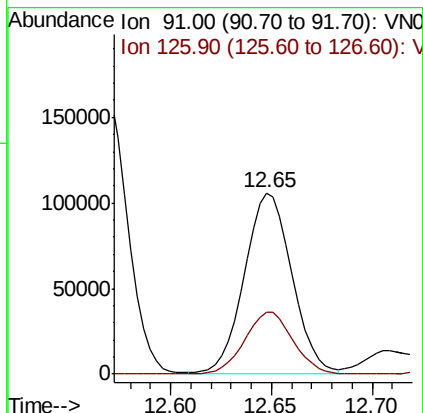
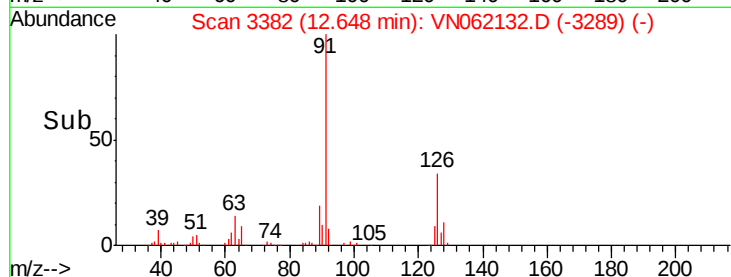
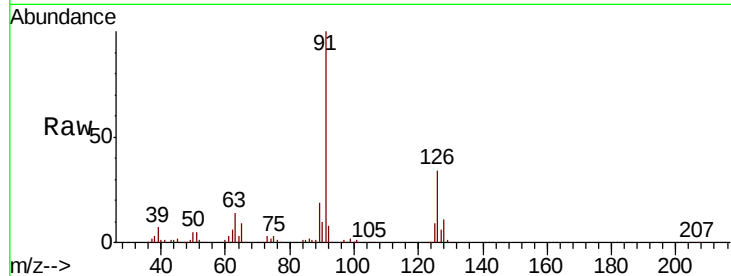




#79
 2-Chlorotoluene
 Concen: 18.942 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

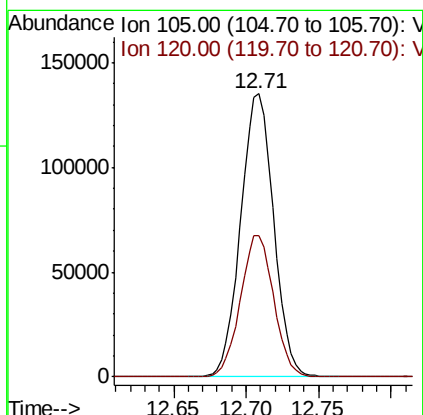
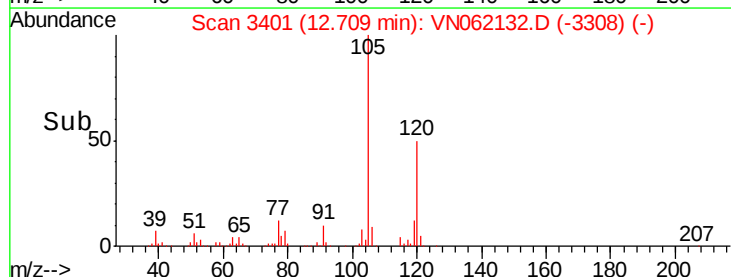
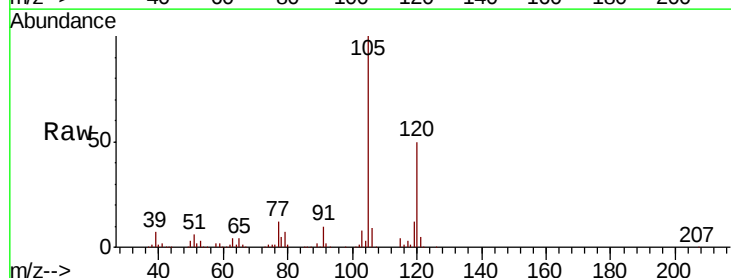
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

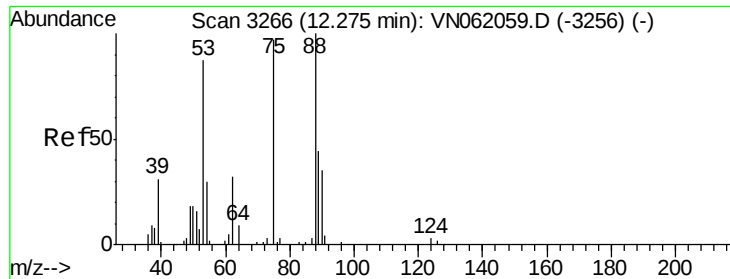
Tot Ion: 91 Resp: 172458
 Ion Ratio Lower Upper
 91 100
 126 35.4 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.097 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion: 105 Resp: 214492
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.274 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampled :

VN0626MBS01

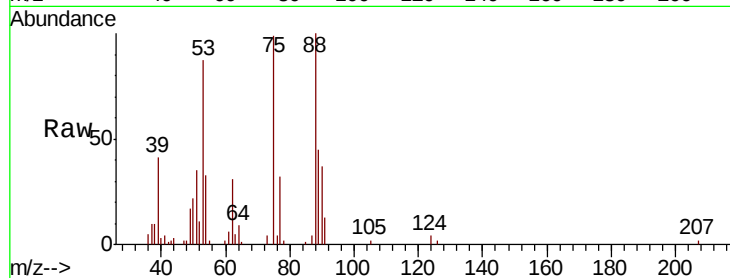
Tot Ion: 75 Resp: 25054

Ion Ratio Lower Upper

75 100

53 89.7 72.0 108.0

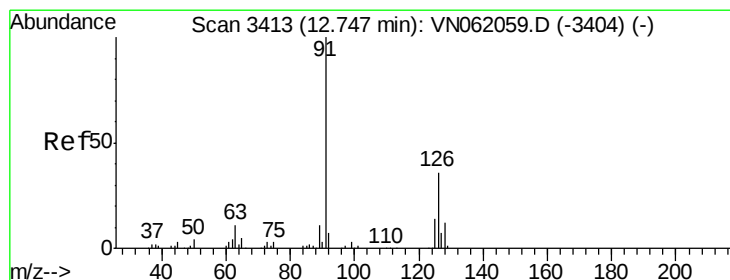
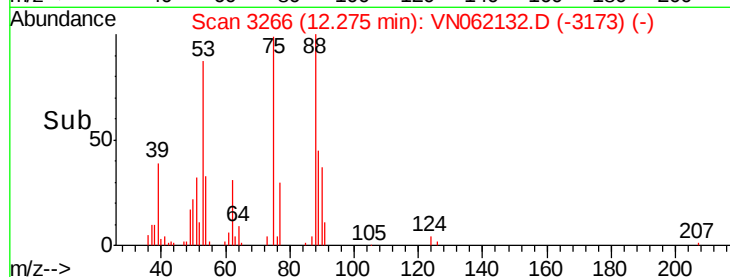
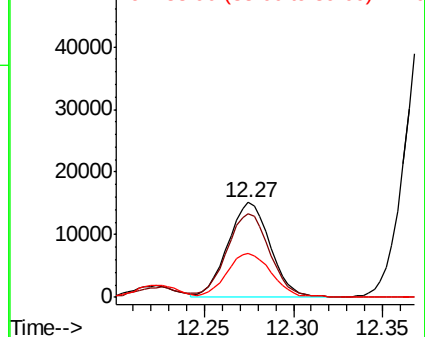
89 48.2 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062132.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062132.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062132.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 19.018 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062132.D

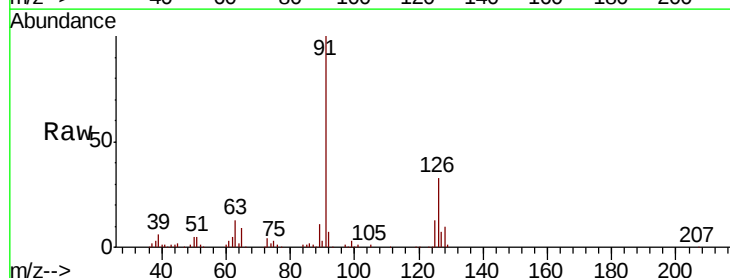
Acq: 26 Jun 2020 12:12

Tgt Ion: 91 Resp: 179050

Ion Ratio Lower Upper

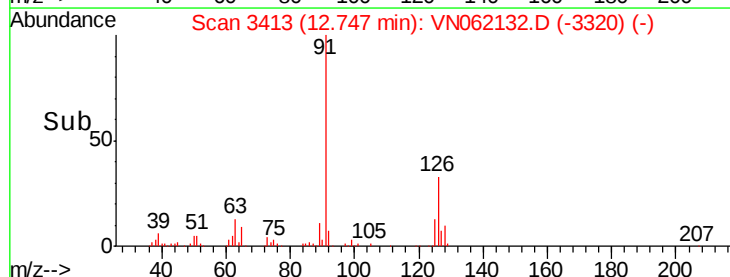
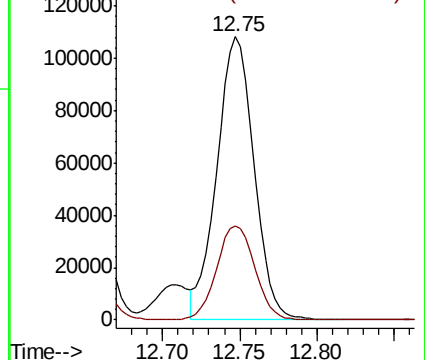
91 100

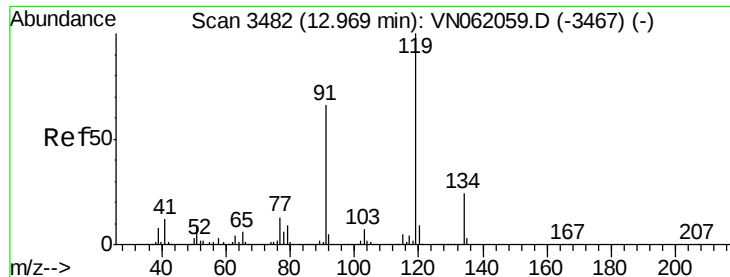
126 34.5 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062132.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062132.D (-3320) (-)

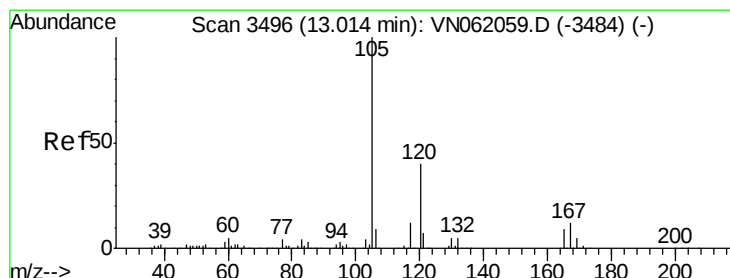
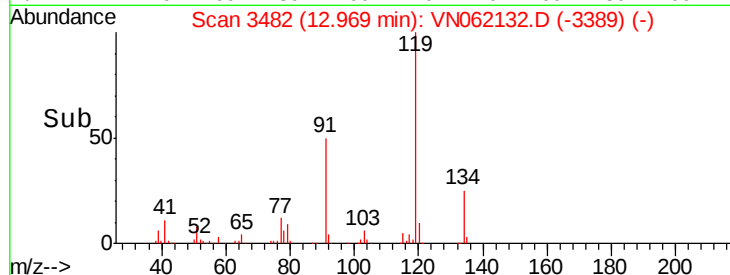
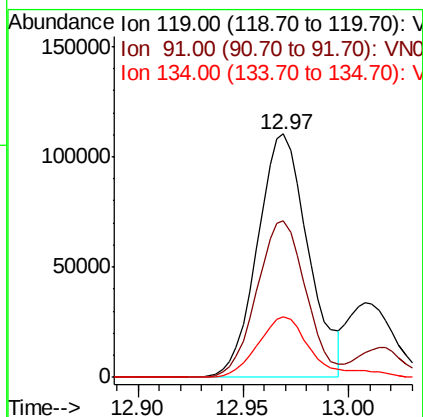
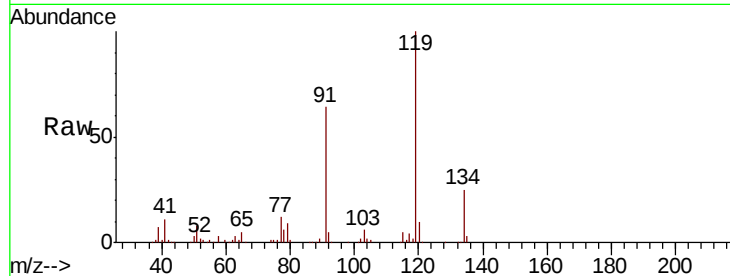




#83
tert-Butylbenzene
Concen: 20.221 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

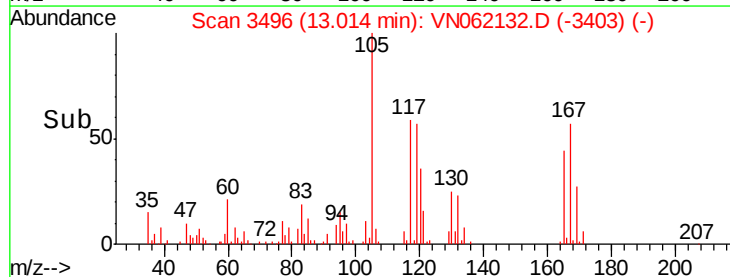
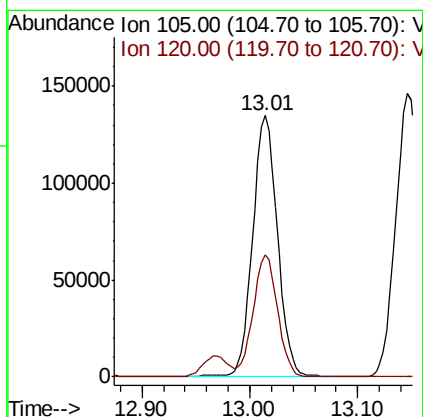
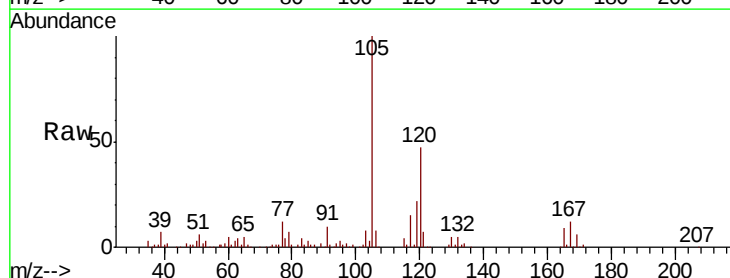
Instrument :
MSVOA_N
ClientSampled :
VN0626MBS01

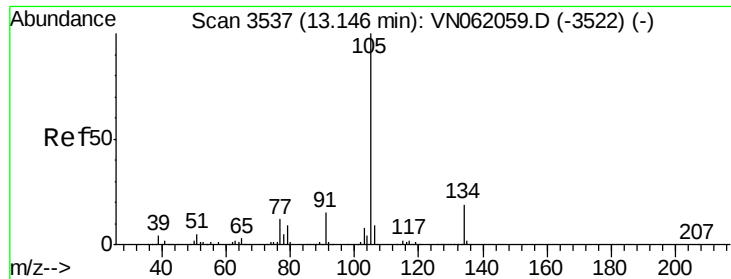
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.1	31.7	95.1
134	26.8	13.1	39.1



#84
1,2,4-Trimethylbenzene
Concen: 20.201 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.2	69.5

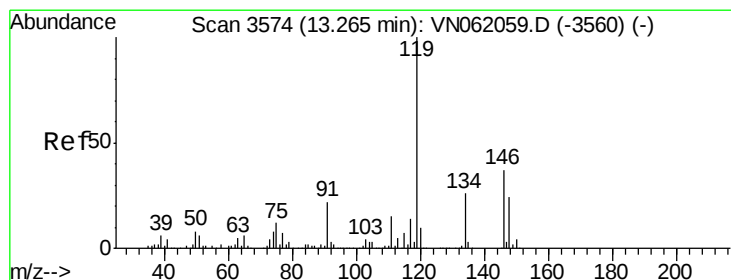
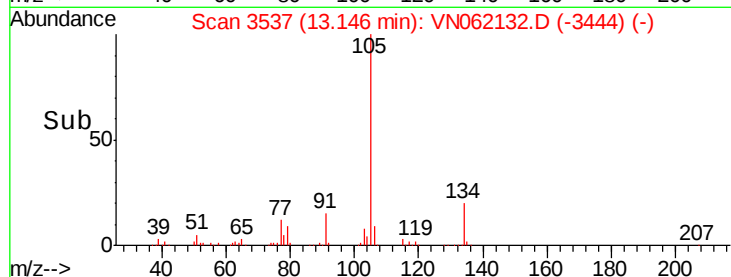
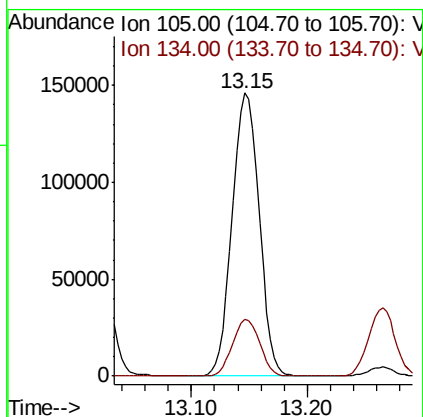
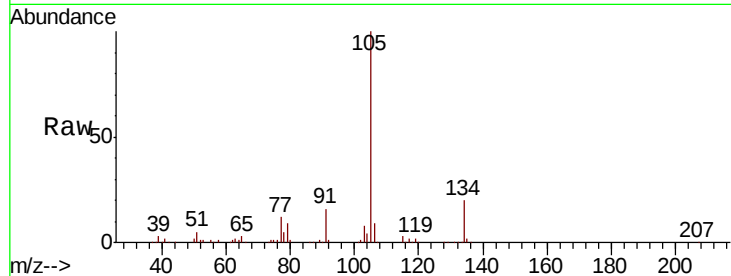




#85
 sec-Butylbenzene
 Concen: 19.587 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

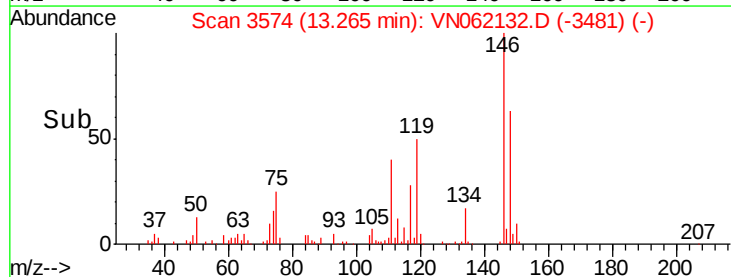
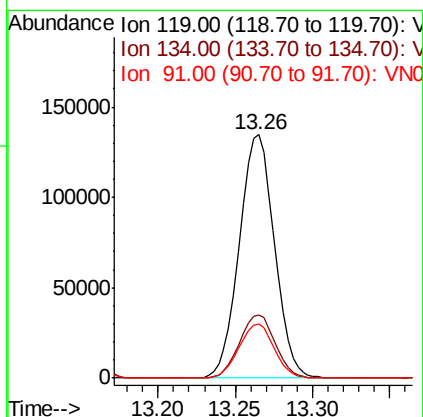
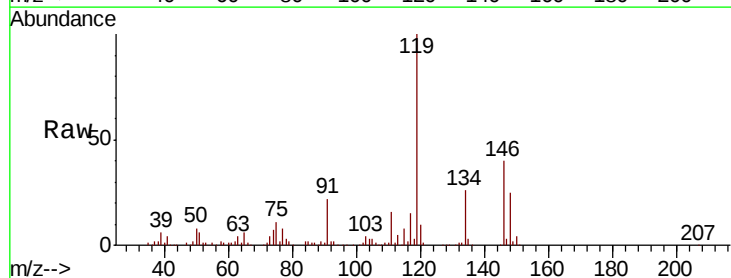
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

Tot Ion:105 Resp: 236398
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 20.188 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion:119 Resp: 213468
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 22.4 11.3 33.8

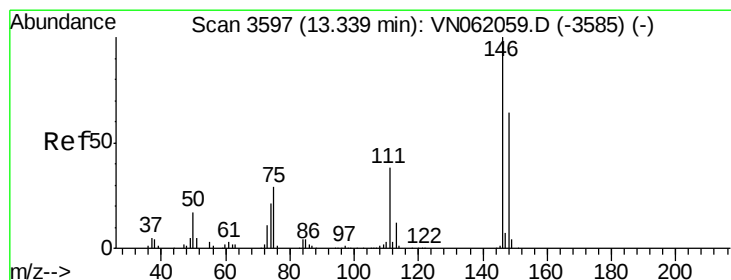
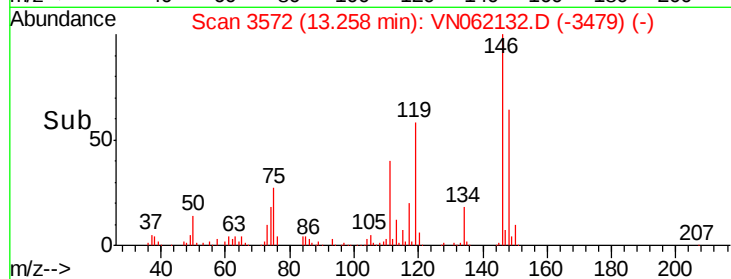
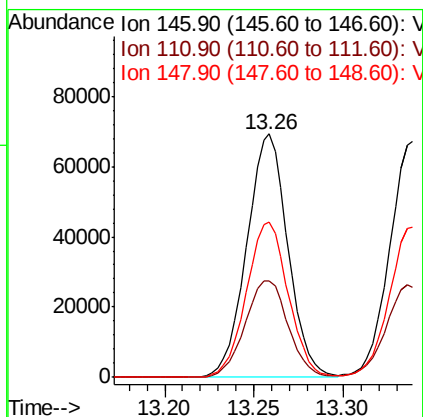
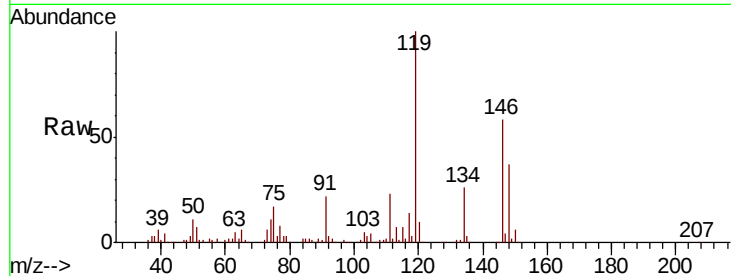




#87
 1,3-Dichlorobenzene
 Concen: 19.434 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

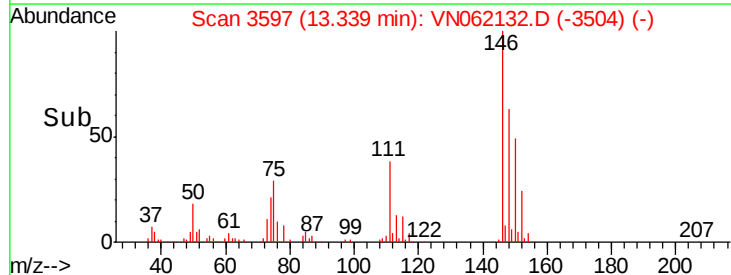
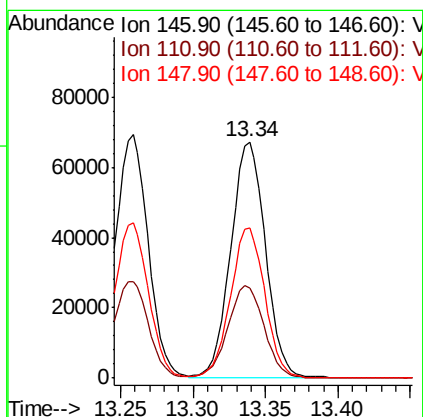
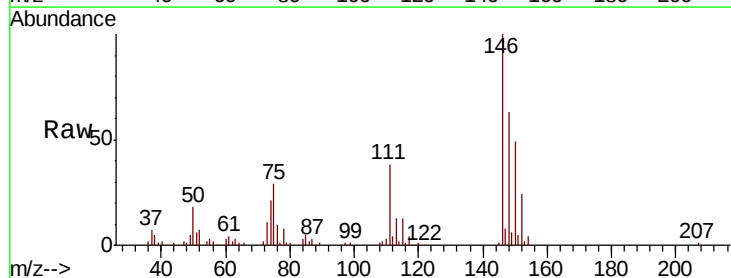
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

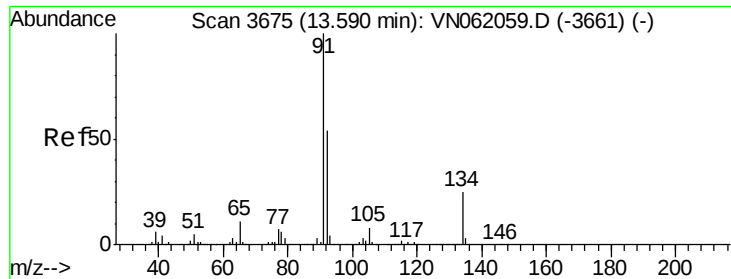
Tot Ion:146 Resp: 111545
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.3 61.0
 148 64.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.840 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion:146 Resp: 111470
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.9 59.6
 148 63.5 31.9 95.9





#89

n-Butylbenzene

Concen: 19.007 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062132.D

Acq: 26 Jun 2020 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0626MBS01

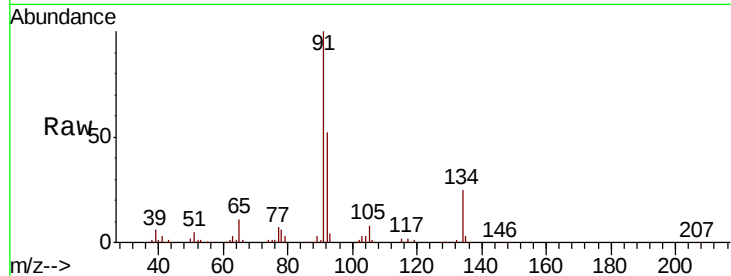
Tot Ion: 91 Resp: 167094

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.7

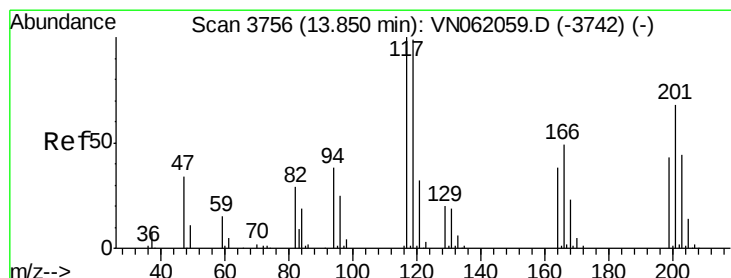
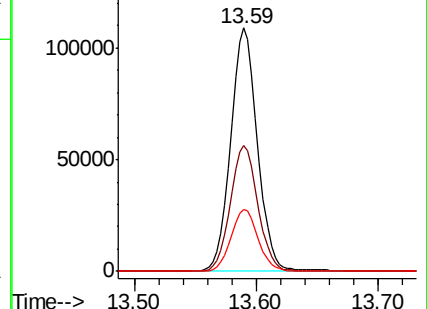
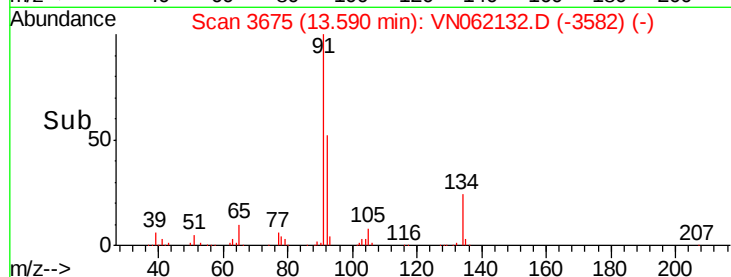
134 25.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062132.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062132.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062132.D (-3582) (-)



#90

Hexachloroethane

Concen: 18.527 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN062132.D

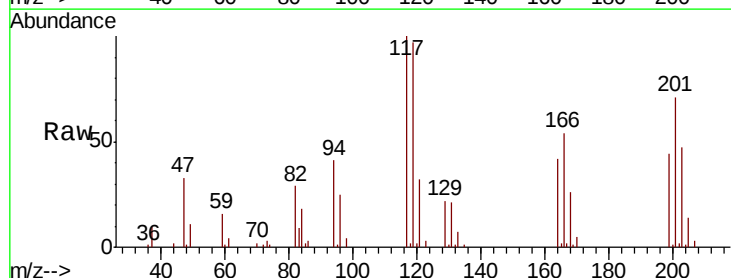
Acq: 26 Jun 2020 12:12

Tgt Ion: 117 Resp: 38437

Ion Ratio Lower Upper

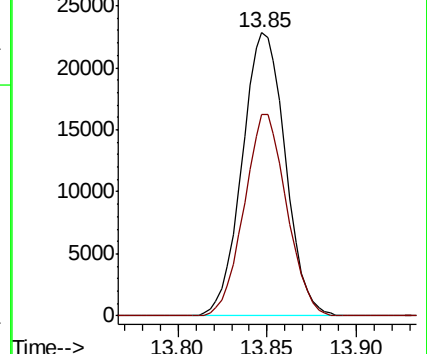
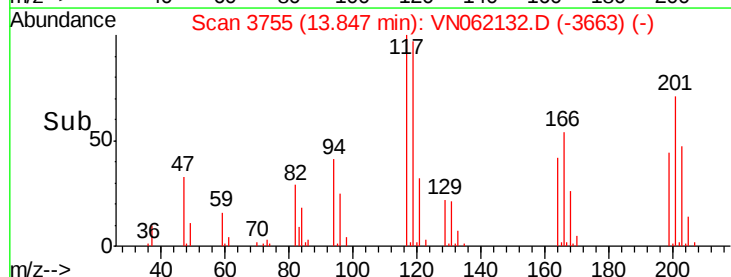
117 100

201 70.1 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062132.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062132.D (-3663) (-)

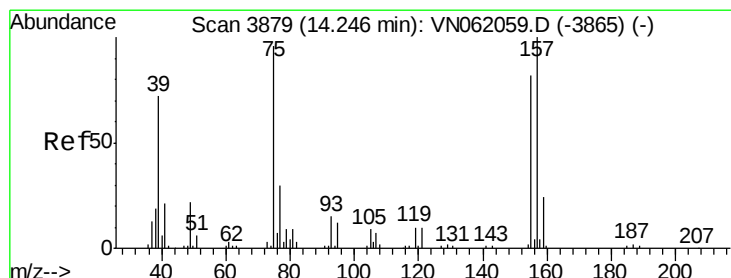
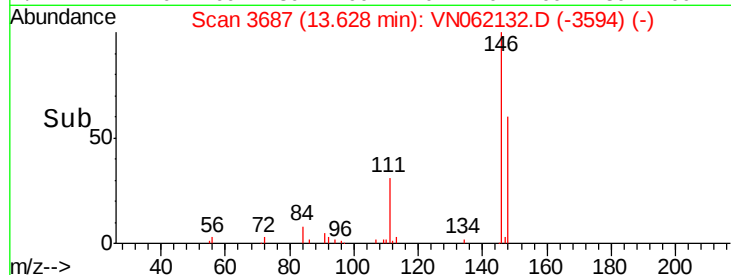
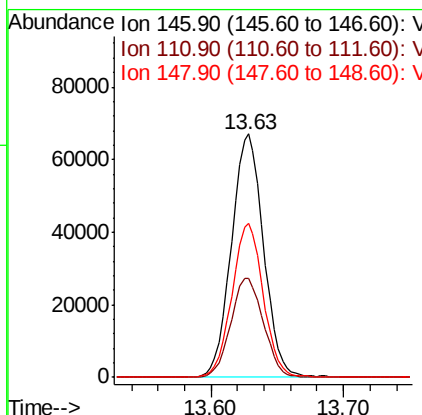
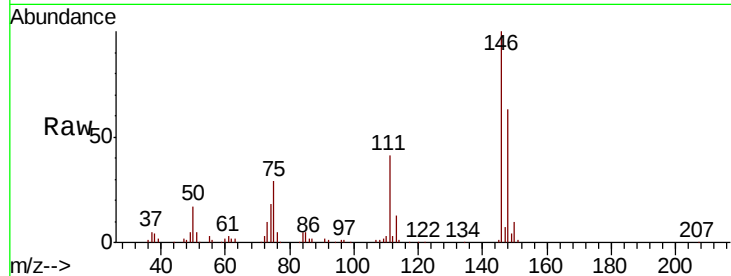




#91
 1,2-Dichlorobenzene
 Concen: 20.267 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

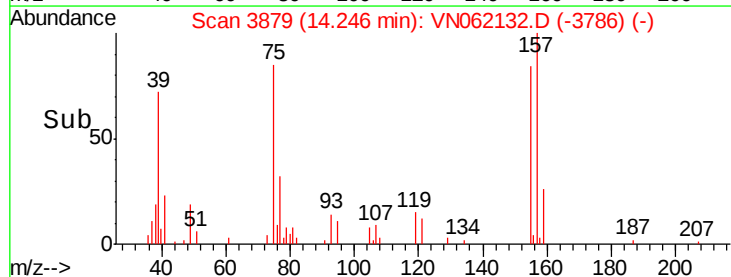
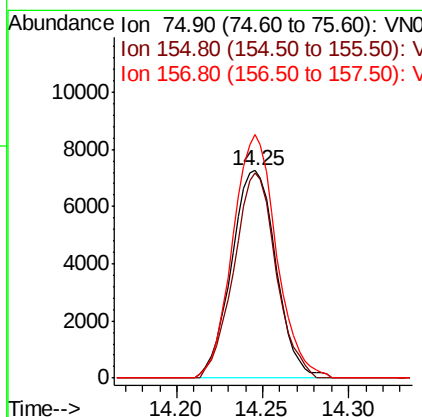
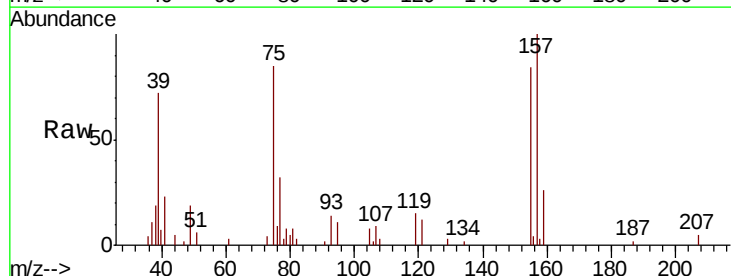
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

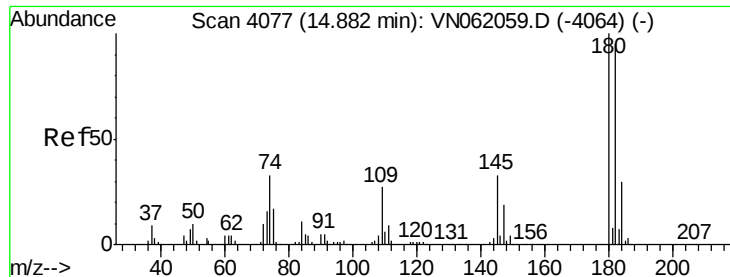
Tot Ion:146 Resp: 112802
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.2 63.6
 148 61.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.652 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion: 75 Resp: 13091
 Ion Ratio Lower Upper
 75 100
 155 93.4 40.8 122.4
 157 115.3 51.4 154.3

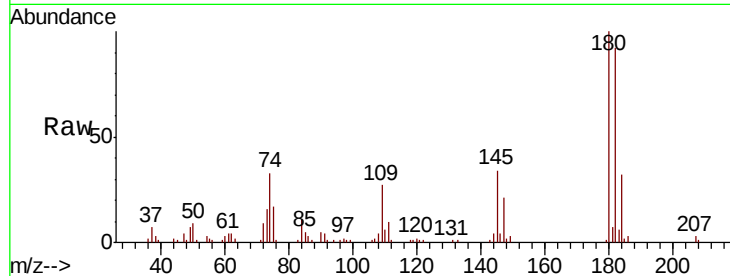




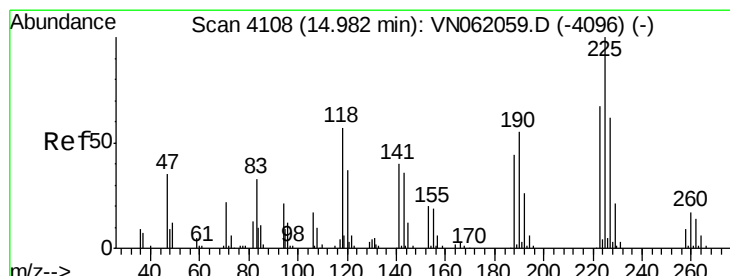
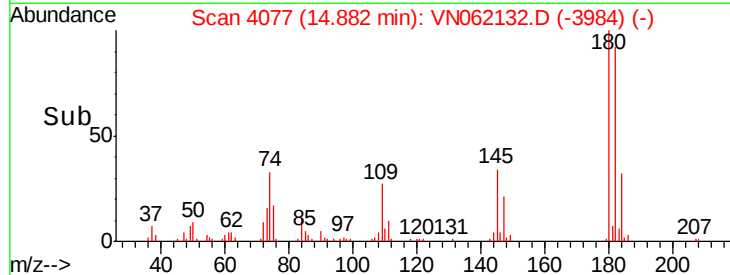
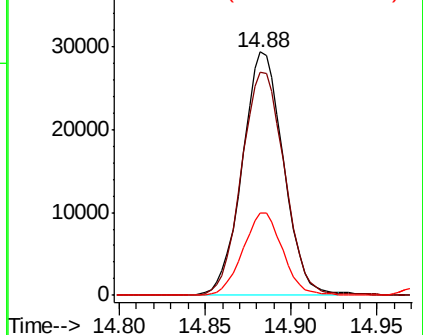
#93
 1,2,4-Trichlorobenzene
 Concen: 20.049 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.2
145	32.6	16.0	48.0

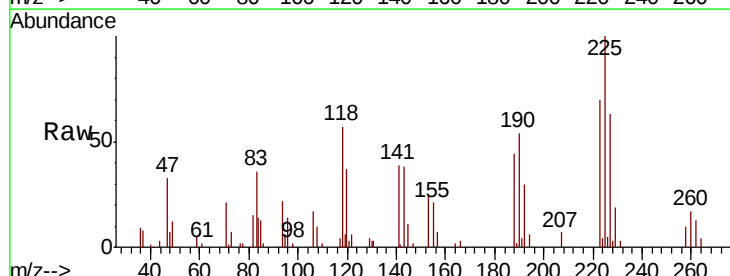


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

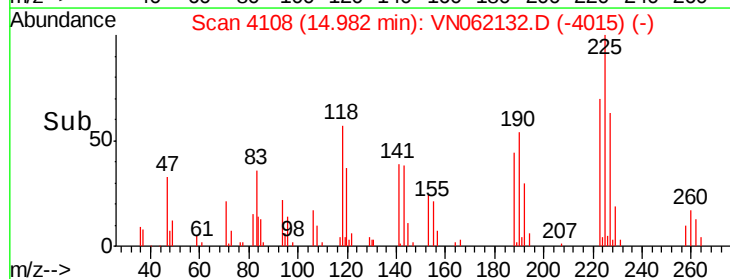
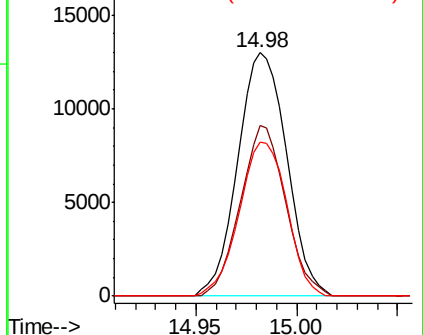


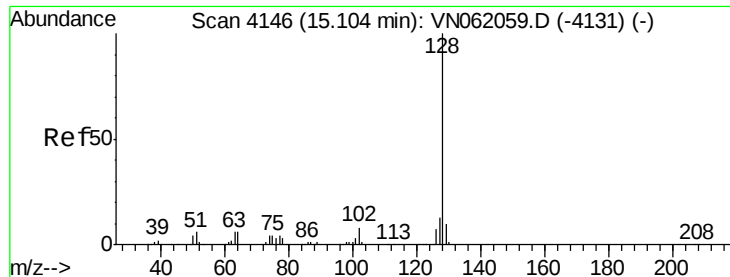
#94
 Hexachlorobutadiene
 Concen: 20.934 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062132.D
 Acq: 26 Jun 2020 12:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	32.9	98.7
227	61.7	31.3	93.8



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

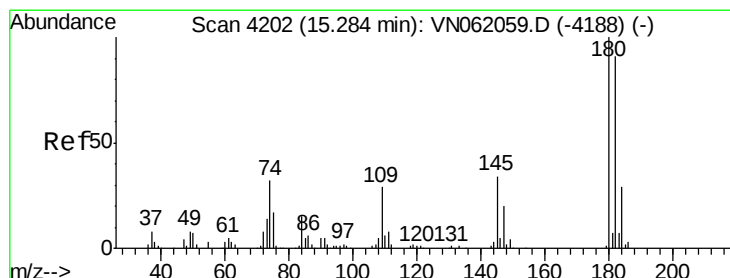
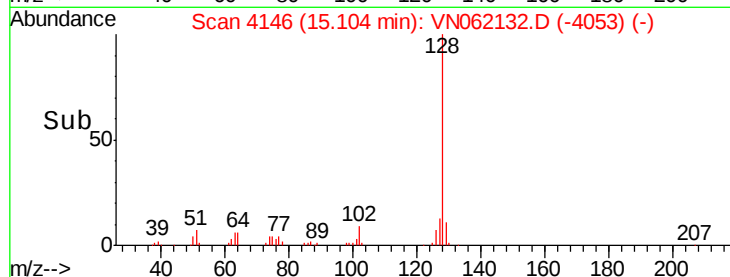
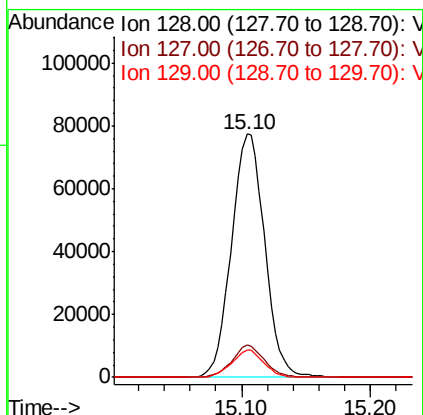
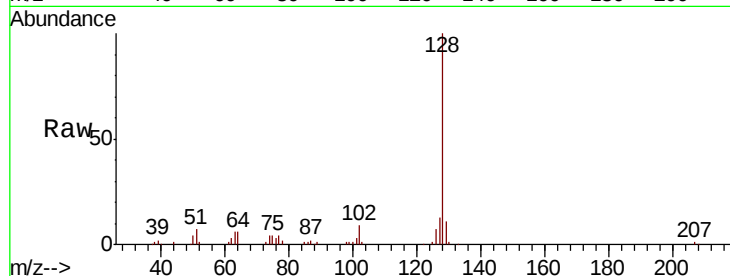




#95
Naphthalene
Concen: 19.733 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Instrument :
MSVOA_N
ClientSampled :
VN0626MBS01

Tot Ion:128 Resp: 138669
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.199 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062132.D
Acq: 26 Jun 2020 12:12

Tgt Ion:180 Resp: 50220
Ion Ratio Lower Upper
180 100
182 95.0 46.8 140.4
145 33.3 16.4 49.2

