

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062207.D
 Acq On : 30 Jun 2020 00:09
 Operator : JC/MD
 Sample : VN0629WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Quant Time: Jun 30 04:31:23 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	7.63	168	211235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	363414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	167748	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	
35) Dibromofluoromethane	7.55	113	131691	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
50) Toluene-d8	10.06	98	523937	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.38	95	171478	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42533	17.814	ug/l	98
3) Chloromethane	2.03	50	56673	19.341	ug/l	100
4) Vinyl Chloride	2.16	62	68111	18.114	ug/l	99
5) Bromomethane	2.53	94	47991	19.748	ug/l	95
6) Chloroethane	2.67	64	47931	18.661	ug/l	96
7) Trichlorofluoromethane	2.98	101	82190	17.740	ug/l	99
8) Diethyl Ether	3.37	74	31684	19.584	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45222	18.639	ug/l	98
10) Methyl Iodide	3.91	142	53445	19.559	ug/l	99
11) Tert butyl alcohol	4.74	59	44563	104.703	ug/l	100
12) 1,1-Dichloroethene	3.70	96	45877	18.915	ug/l	96
13) Acrolein	3.57	56	39757	95.409	ug/l	100
14) Allyl chloride	4.27	41	66445	20.121	ug/l	98
15) Acrylonitrile	4.93	53	119603	103.123	ug/l	98
16) Acetone	3.78	43	97944	102.880	ug/l	96
17) Carbon Disulfide	4.01	76	129740	18.707	ug/l	98
18) Methyl Acetate	4.28	43	48789	20.704	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	155665	20.085	ug/l	99
20) Methylene Chloride	4.50	84	57780	21.108	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	49973	18.086	ug/l	95
22) Diisopropyl ether	5.90	45	152305	20.256	ug/l	94
23) Vinyl Acetate	5.84	43	623111	101.504	ug/l	99
24) 1,1-Dichloroethane	5.80	63	95705	19.767	ug/l	99
25) 2-Butanone	6.79	43	149964	103.500	ug/l	99
26) 2,2-Dichloropropane	6.78	77	66955	16.595	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	58722	18.886	ug/l	100
28) Bromochloromethane	7.15	49	41483	19.747	ug/l	97
29) Tetrahydrofuran	7.17	42	98997	104.304	ug/l	100
30) Chloroform	7.33	83	96955	19.682	ug/l	99
31) Cyclohexane	7.62	56	79699	19.460	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	80445	19.364	ug/l	99
36) 1,1-Dichloropropene	7.75	75	70513	17.824	ug/l	98
37) Ethyl Acetate	6.88	43	66382	20.264	ug/l	99
38) Carbon Tetrachloride	7.73	117	66523	17.836	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75293	17.370	ug/l	97
40) Benzene	8.00	78	220821	18.313	ug/l	99
41) Methacrylonitrile	7.17	41	93013	61.245	ug/l #	25
42) 1,2-Dichloroethane	8.09	62	75474	18.526	ug/l	100
43) Isopropyl Acetate	8.13	43	103610	19.402	ug/l	98
44) Trichloroethene	8.80	130	54239	17.832	ug/l	99
45) 1,2-Dichloropropane	9.09	63	57506	19.331	ug/l	97
46) Dibromomethane	9.18	93	36729	18.211	ug/l	99
47) Bromodichloromethane	9.37	83	76806	18.860	ug/l	99
48) Methyl methacrylate	9.17	41	46565	19.448	ug/l	96
49) 1,4-Dioxane	9.17	88	20089	378.336	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	317168	101.655	ug/l	99
52) Toluene	10.12	92	136484	18.551	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	79617	17.770	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	86617	18.159	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	56814	19.645	ug/l	98
56) Ethyl methacrylate	10.40	69	72735	18.845	ug/l	98
57) 1,3-Dichloropropane	10.68	76	94654	19.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	136929	94.065	ug/l	98
59) 2-Hexanone	10.72	43	225965	100.297	ug/l	98
60) Dibromochloromethane	10.87	129	55313	18.065	ug/l	100
61) 1,2-Dibromoethane	10.98	107	54216	18.245	ug/l	98
64) Tetrachloroethene	10.60	164	42377	17.071	ug/l	95
65) Chlorobenzene	11.40	112	145641	18.249	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	51006	18.483	ug/l	99
67) Ethyl Benzene	11.48	91	247810	18.386	ug/l	100
68) m/p-Xylenes	11.60	106	188313	36.123	ug/l	98
69) o-Xylene	11.92	106	89392	18.174	ug/l	96
70) Styrene	11.94	104	149371	18.209	ug/l	100
71) Bromoform	12.10	173	35069	17.873	ug/l #	99
73) Isopropylbenzene	12.22	105	236325	19.266	ug/l	99
74) N-amyl acetate	12.05	43	80678	20.015	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	81556	19.979	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	98606	26.433	ug/l #	100
77) Bromobenzene	12.50	156	57420	18.855	ug/l	96
78) n-propylbenzene	12.57	91	275013	19.600	ug/l	98
79) 2-Chlorotoluene	12.65	91	164494	19.392	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	196432	19.754	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	22641	17.724	ug/l	97
82) 4-Chlorotoluene	12.75	91	166339	18.963	ug/l	100
83) tert-Butylbenzene	12.97	119	164752	19.360	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	194837	19.618	ug/l	98
85) sec-Butylbenzene	13.15	105	221010	19.654	ug/l	99
86) p-Isopropyltoluene	13.26	119	190848	19.371	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	96995	18.138	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	98431	17.856	ug/l	98
89) n-Butylbenzene	13.59	91	148261	18.101	ug/l	99
90) Hexachloroethane	13.85	117	38163	19.743	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	96389	18.587	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12954	19.810	ug/l	99

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

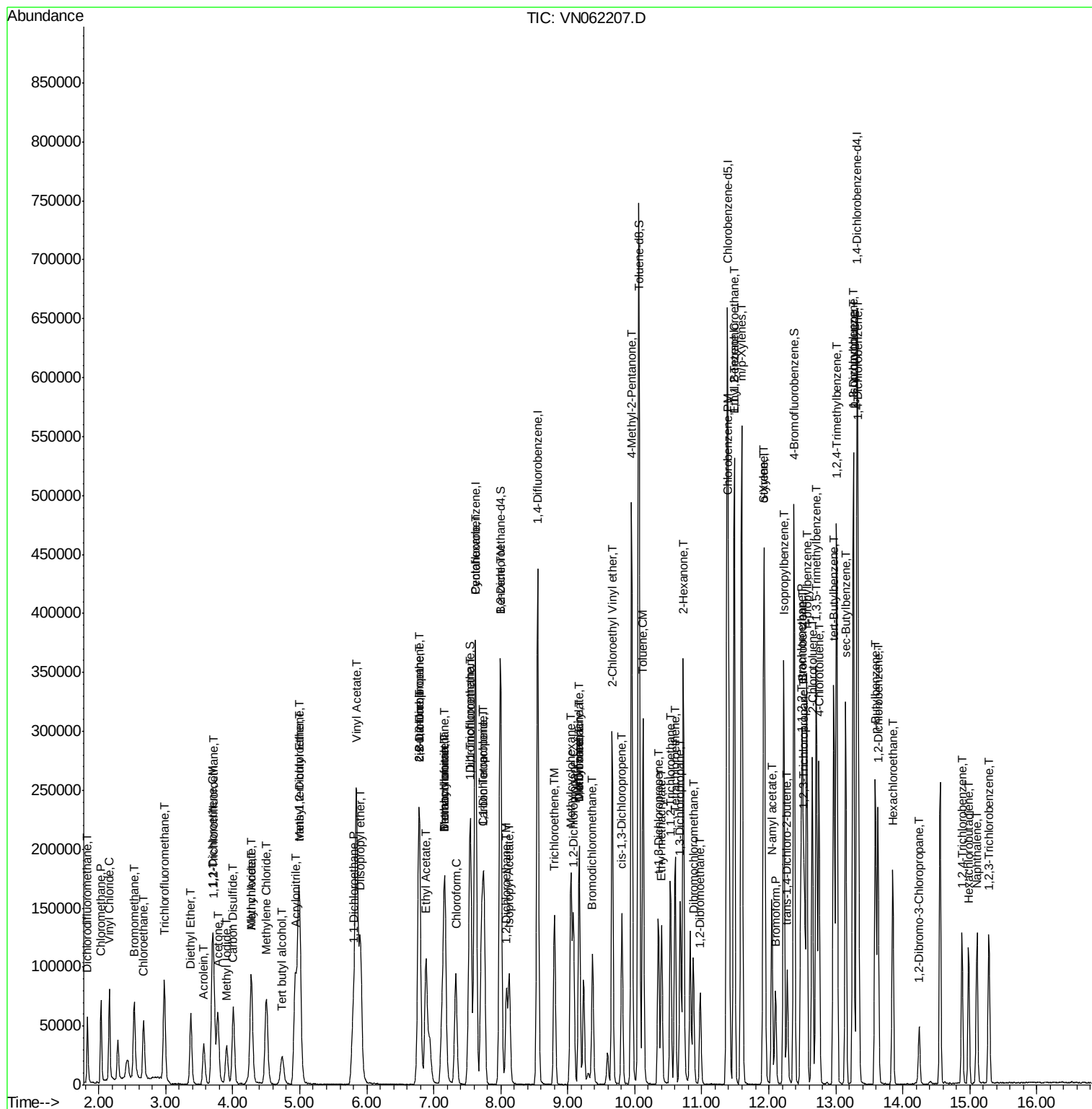
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	39176	17.293	ug/l	99
94) Hexachlorobutadiene	14.99	225	19777	20.100	ug/l	99
95) Naphthalene	15.11	128	111475	17.574	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	40690	17.566	ug/l	98

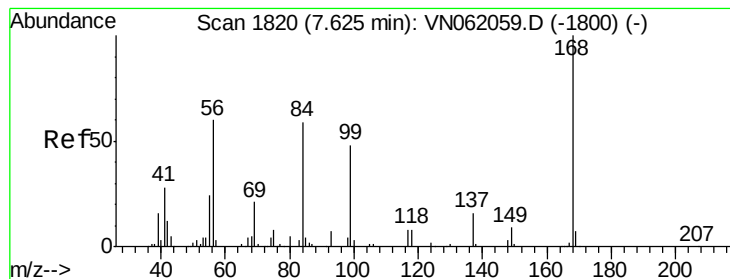
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062920\
Data File : VN062207.D
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

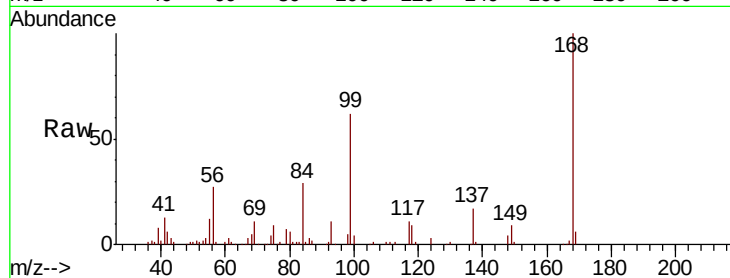
VN0629WBS02

Tot Ion:168 Resp: 211235

Ion Ratio Lower Upper

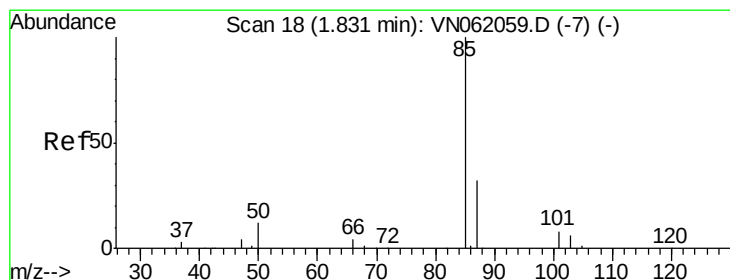
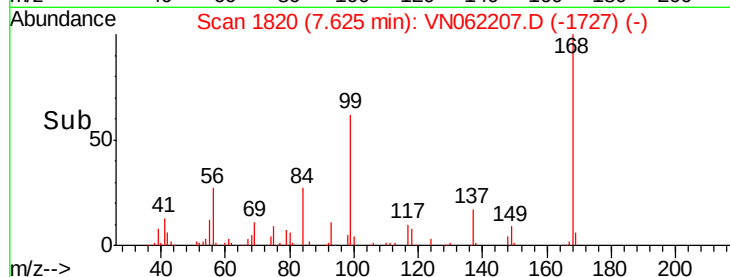
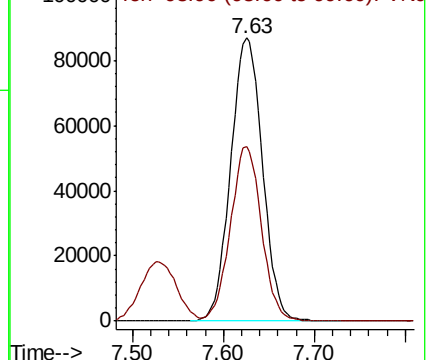
168 100

99 61.5 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: 17.814 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062207.D

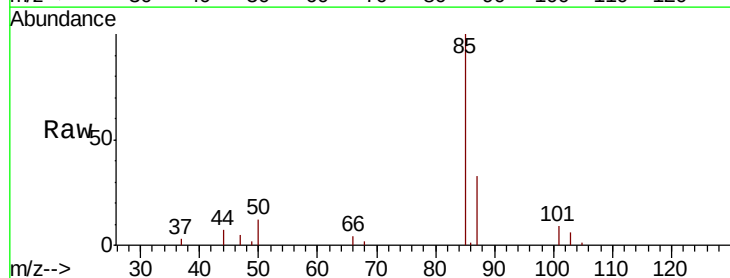
Acq: 30 Jun 2020 00:09

Tgt Ion: 85 Resp: 42533

Ion Ratio Lower Upper

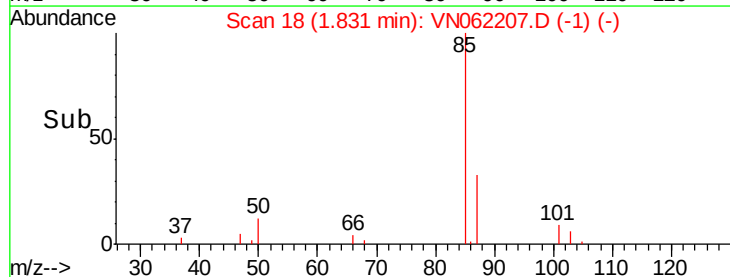
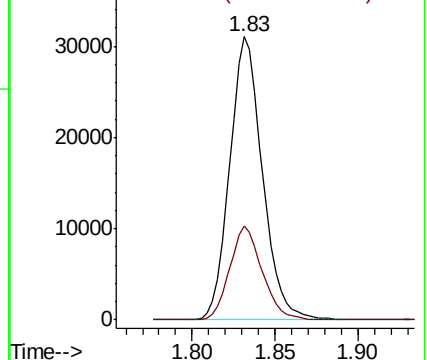
85 100

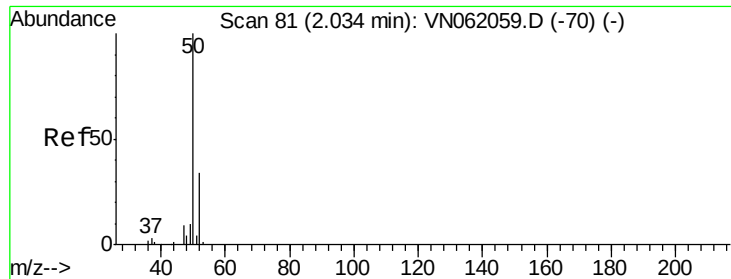
87 33.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 19.341 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

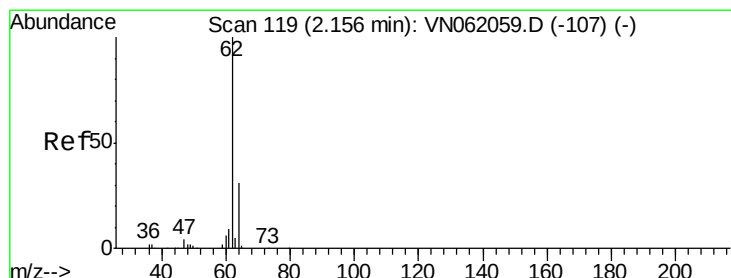
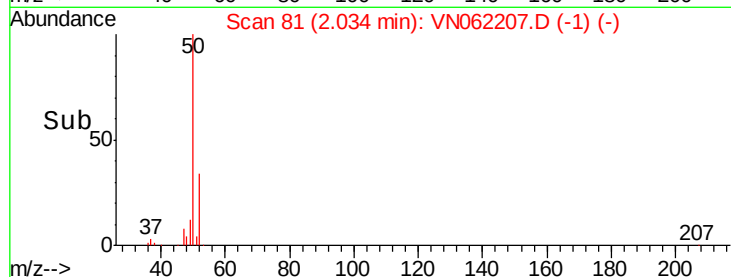
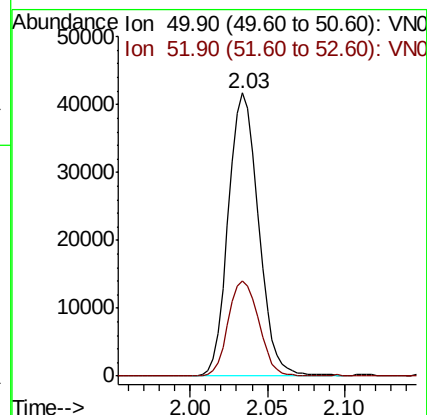
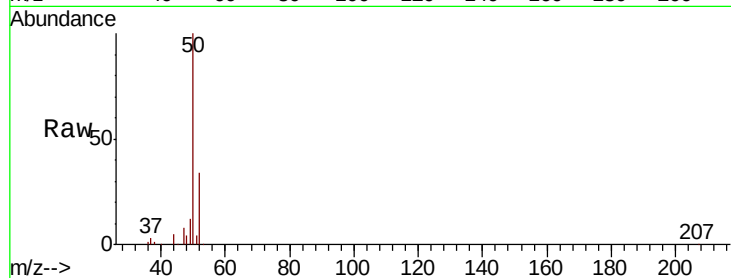
VN0629WBS02

Tot Ion: 50 Resp: 56673

Ion Ratio Lower Upper

50 100

52 33.6 27.0 40.6



#4

Vinyl Chloride

Concen: 18.114 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062207.D

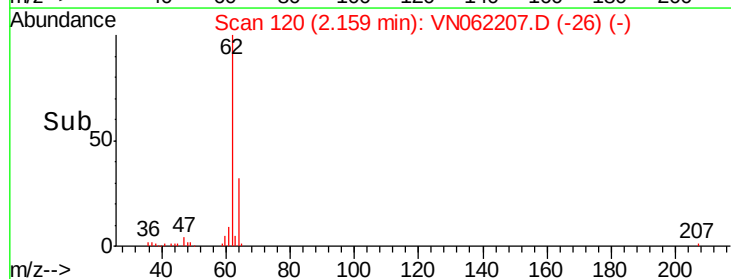
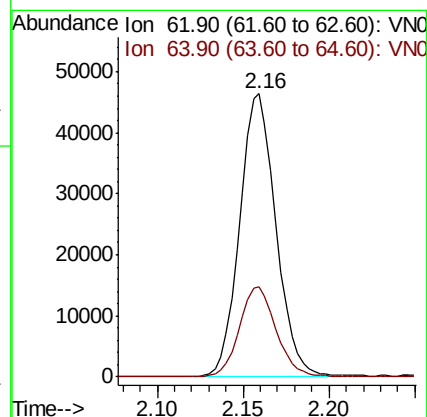
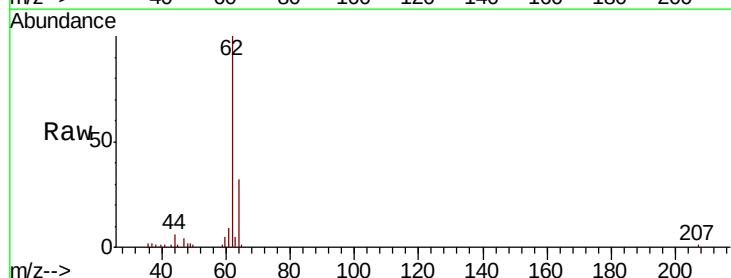
Acq: 30 Jun 2020 00:09

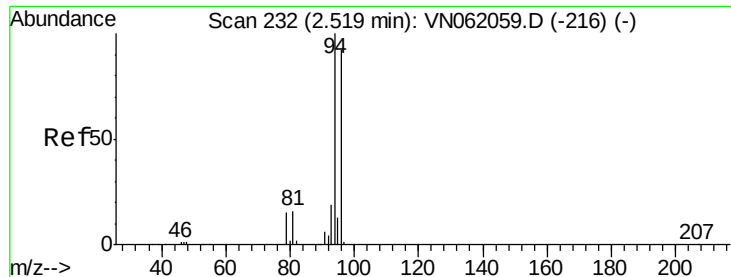
Tgt Ion: 62 Resp: 68111

Ion Ratio Lower Upper

62 100

64 32.0 25.1 37.7





#5

Bromomethane

Concen: 19.748 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

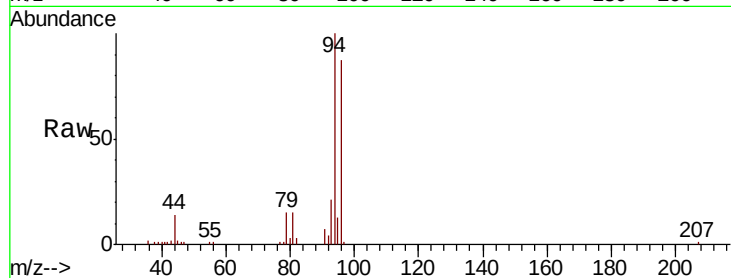
VN0629WBS02

Tot Ion: 94 Resp: 47991

Ion Ratio Lower Upper

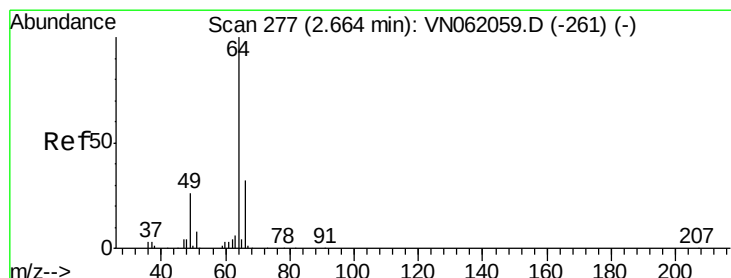
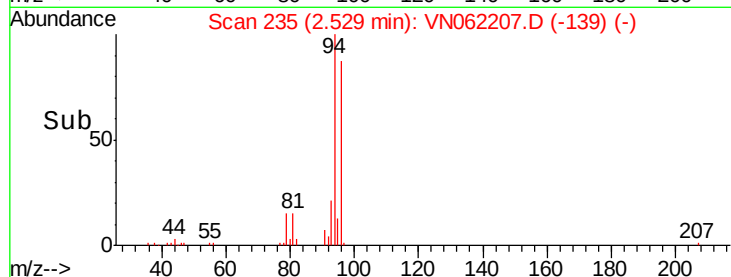
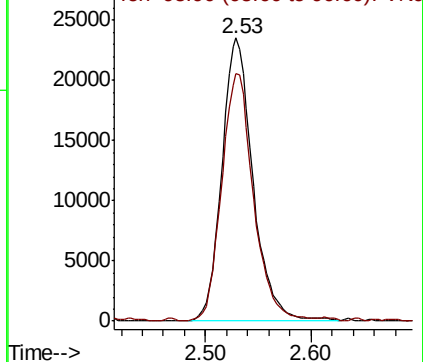
94 100

96 87.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.661 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062207.D

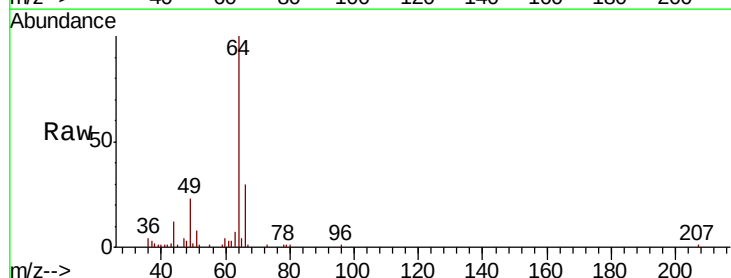
Acq: 30 Jun 2020 00:09

Tgt Ion: 64 Resp: 47931

Ion Ratio Lower Upper

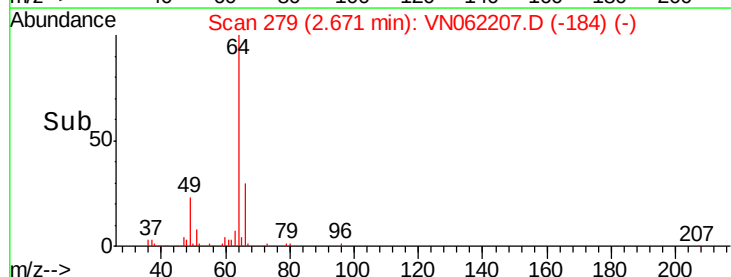
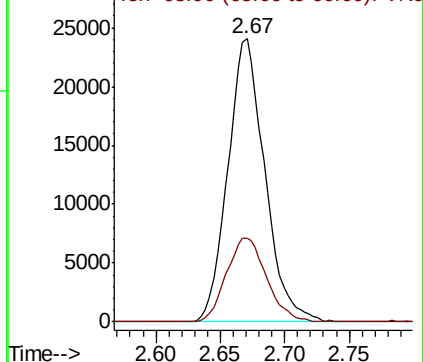
64 100

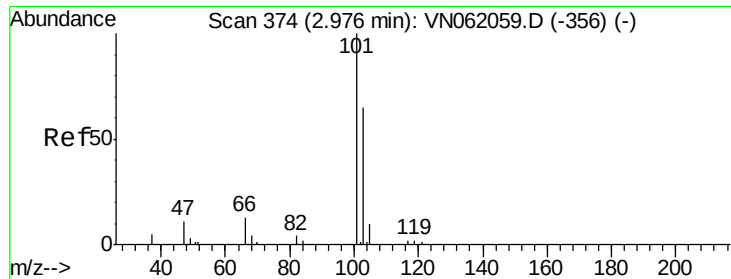
66 29.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



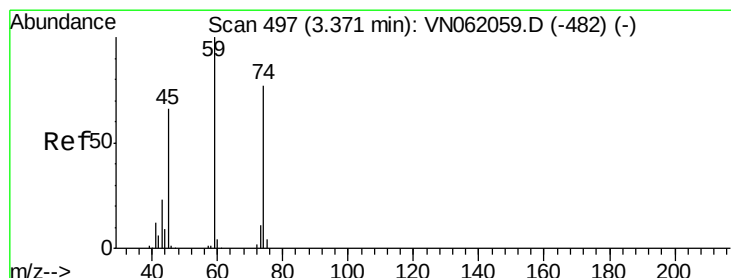
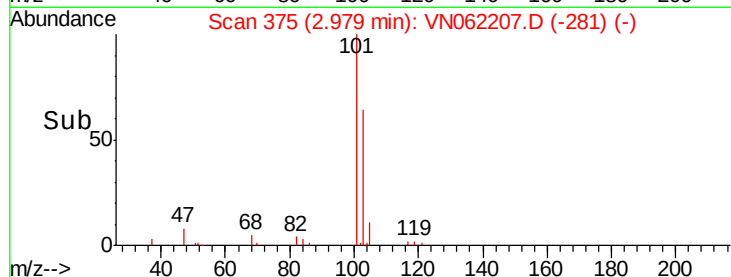
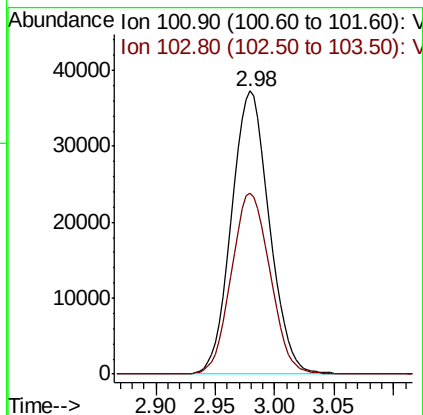
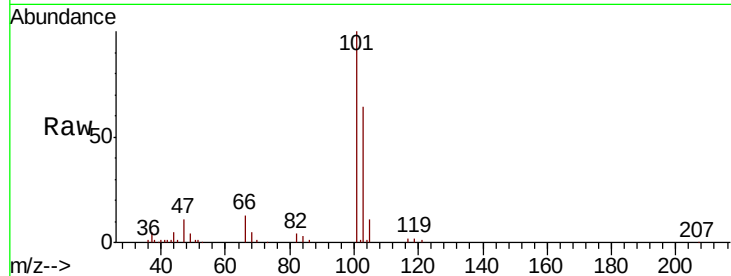


#7

Trichlorofluoromethane
 Concen: 17.740 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
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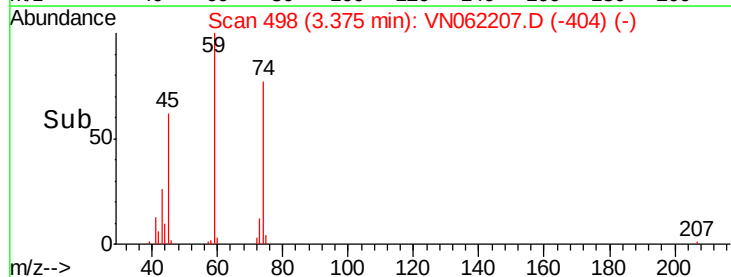
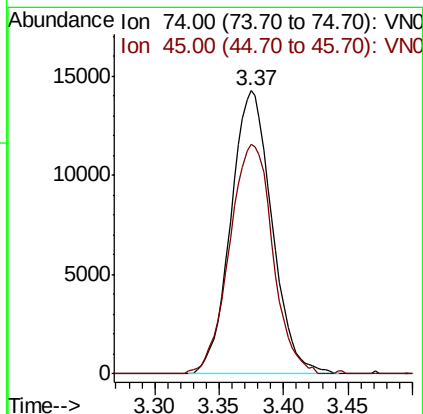
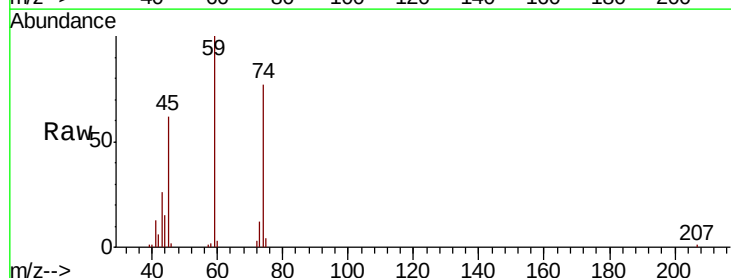
Tot Ion:101 Resp: 82190
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.8 77.6

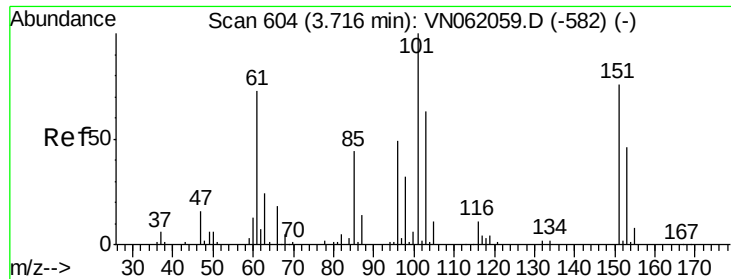


#8

Diethyl Ether
 Concen: 19.584 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion: 74 Resp: 31684
 Ion Ratio Lower Upper
 74 100
 45 85.1 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.639 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

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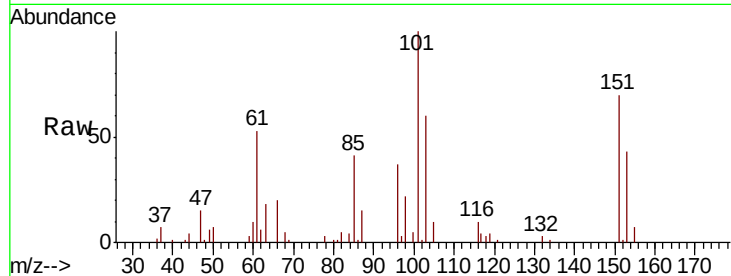
Tot Ion:101 Resp: 45222

Ion Ratio Lower Upper

101 100

85 44.4 34.5 51.7

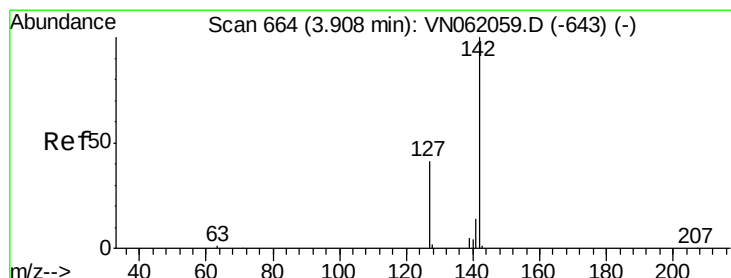
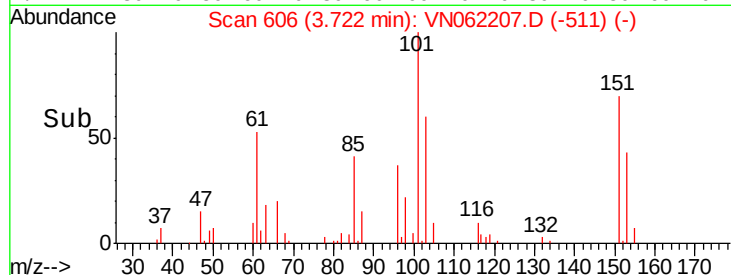
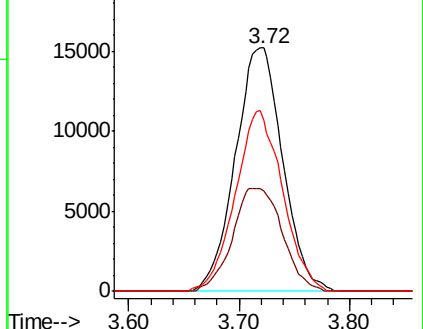
151 73.9 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.559 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

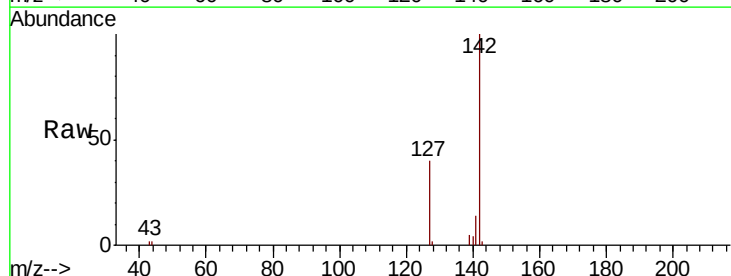
Tgt Ion:142 Resp: 53445

Ion Ratio Lower Upper

142 100

127 41.4 33.6 50.4

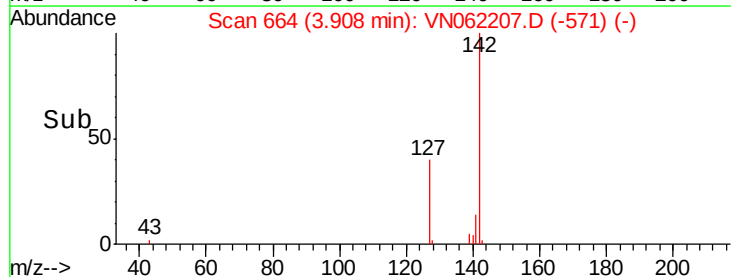
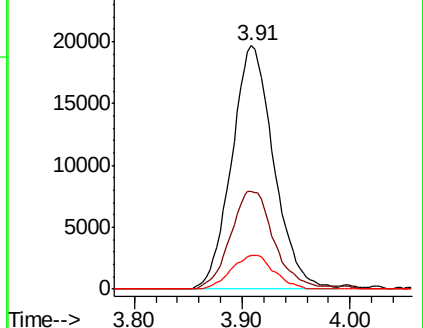
141 14.1 11.3 16.9

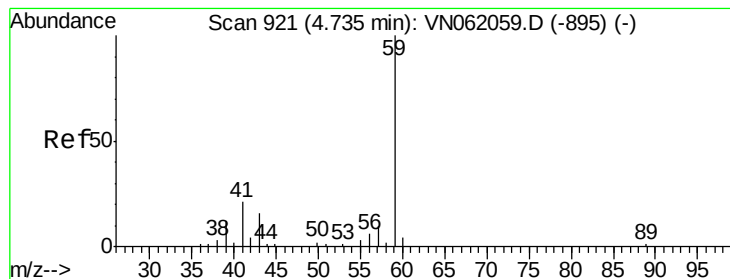


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



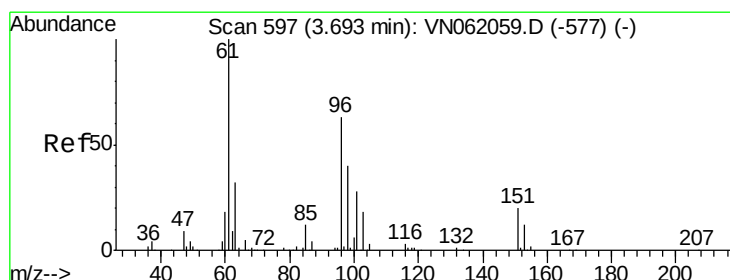
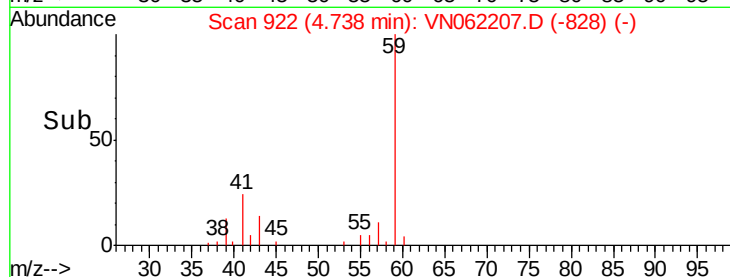
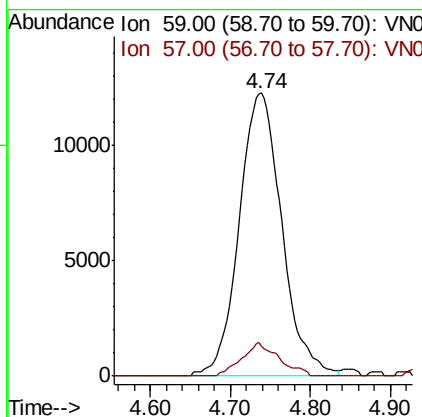
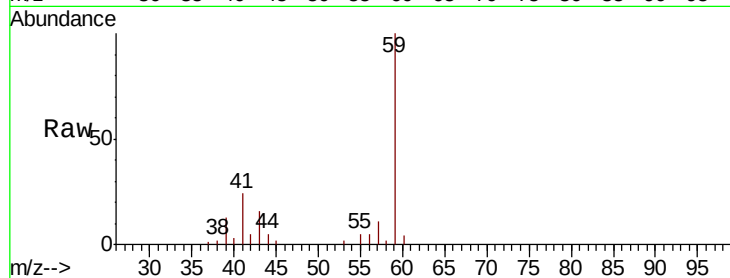


#11

Tert butyl alcohol
 Concen: 104.703 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
 ClientSampled :
 VN0629WBS02

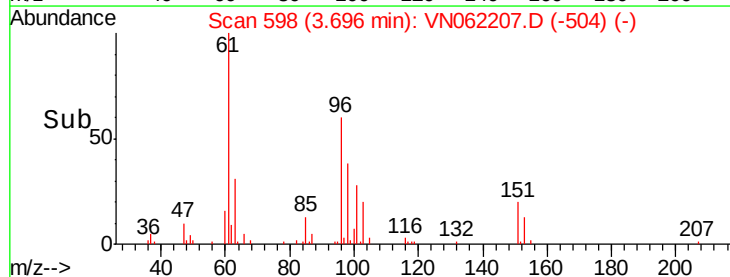
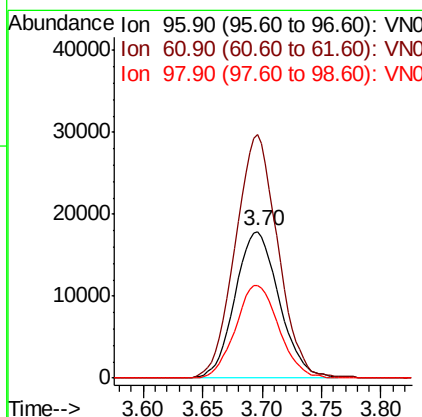
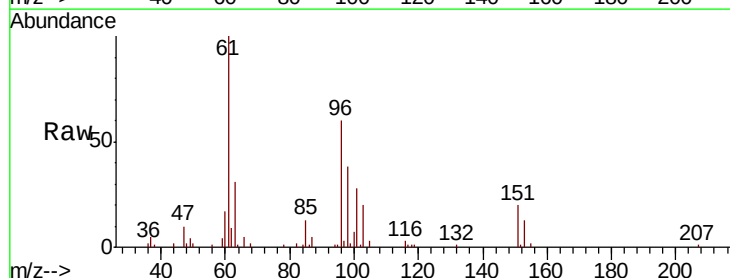
Tot Ion: 59 Resp: 44563
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

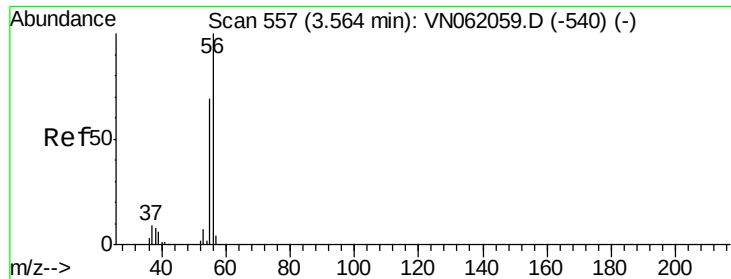


#12

1,1-Dichloroethene
 Concen: 18.915 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion: 96 Resp: 45877
 Ion Ratio Lower Upper
 96 100
 61 165.9 126.7 190.1
 98 62.9 51.0 76.4





#13

Acrolein

Concen: 95.409 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

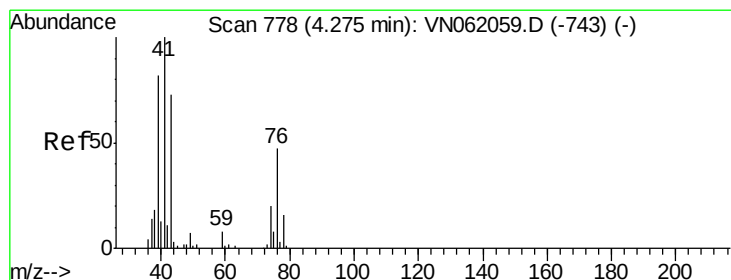
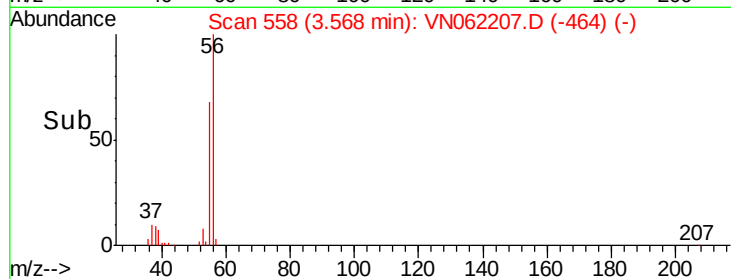
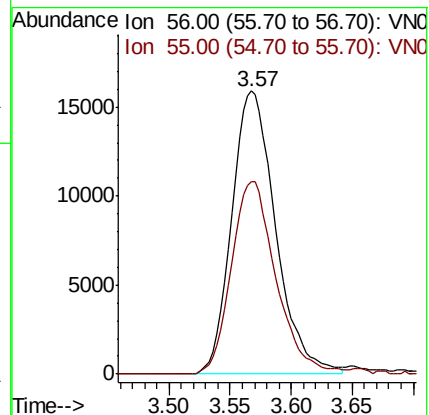
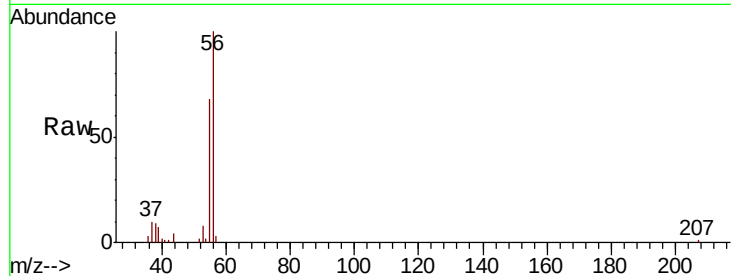
VN0629WBS02

Tot Ion: 56 Resp: 39757

Ion Ratio Lower Upper

56 100

55 69.2 55.5 83.3



#14

Allyl chloride

Concen: 20.121 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

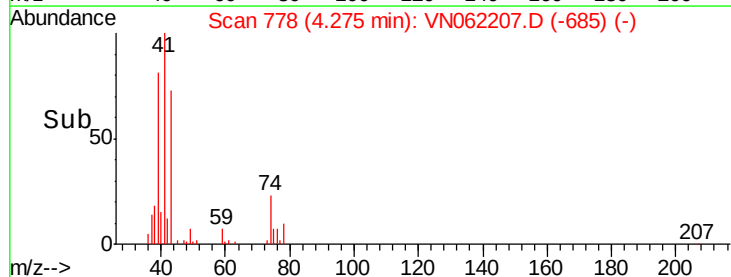
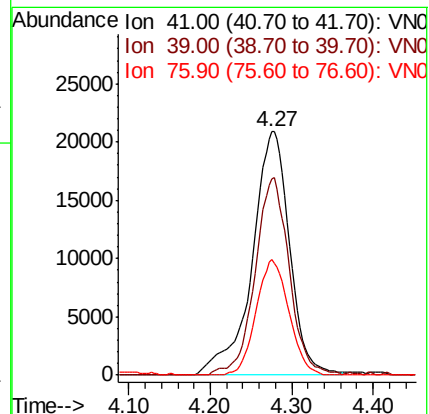
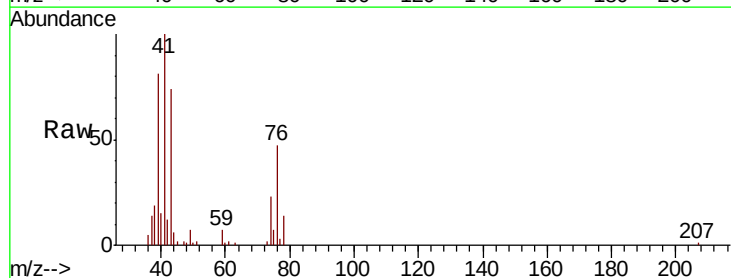
Tgt Ion: 41 Resp: 66445

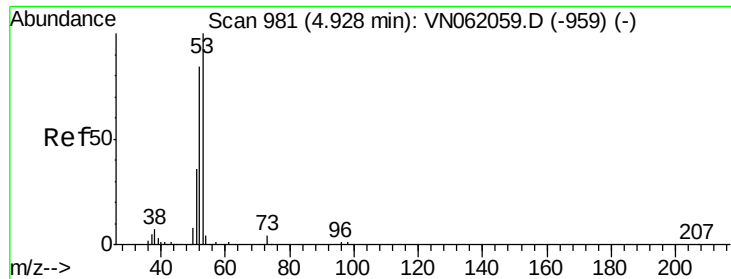
Ion Ratio Lower Upper

41 100

39 73.8 60.0 90.0

76 41.3 34.1 51.1





#15

Acrylonitrile

Concen: 103.123 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

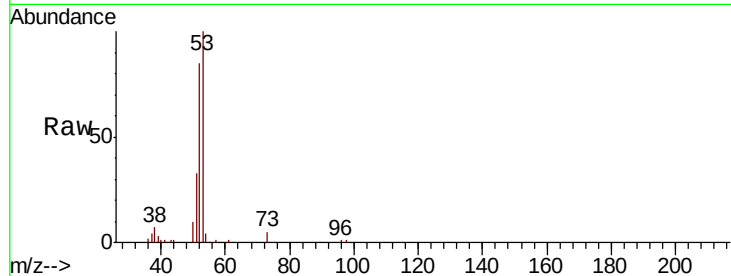
Tot Ion: 53 Resp: 119603

Ion Ratio Lower Upper

53 100

52 84.4 66.2 99.4

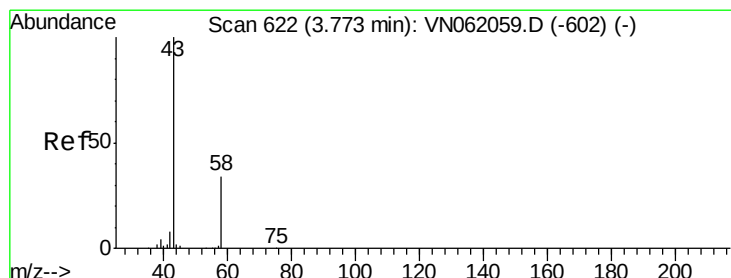
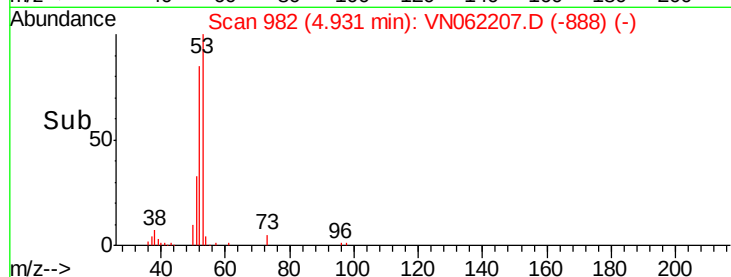
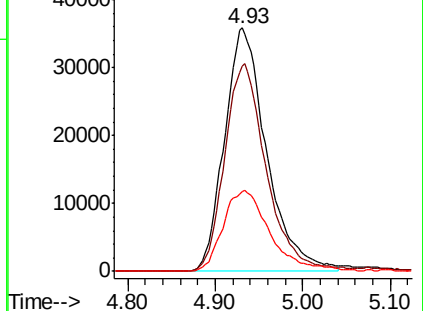
51 37.1 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062207.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN062207.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN062207.D (-959) (-)



#16

Acetone

Concen: 102.880 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062207.D

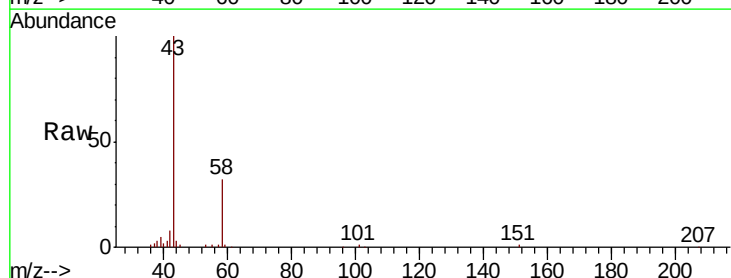
Acq: 30 Jun 2020 00:09

Tgt Ion: 43 Resp: 97944

Ion Ratio Lower Upper

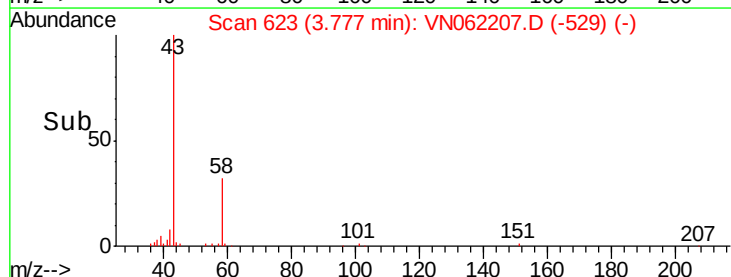
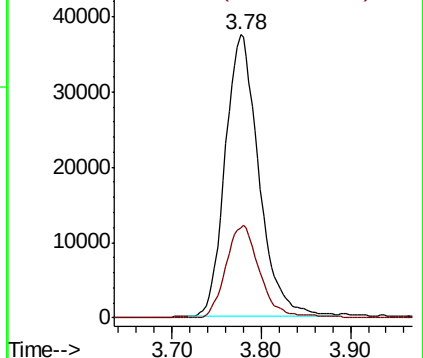
43 100

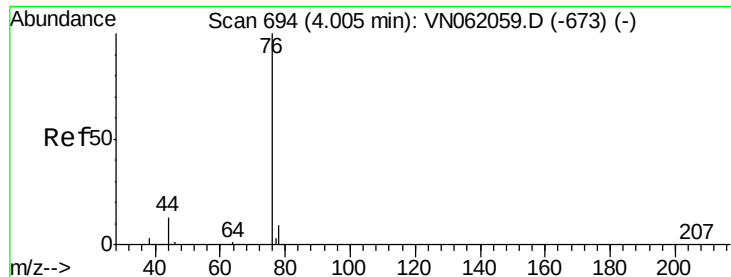
58 32.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062207.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN062207.D (-529) (-)





#17

Carbon Disulfide

Concen: 18.707 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampled :

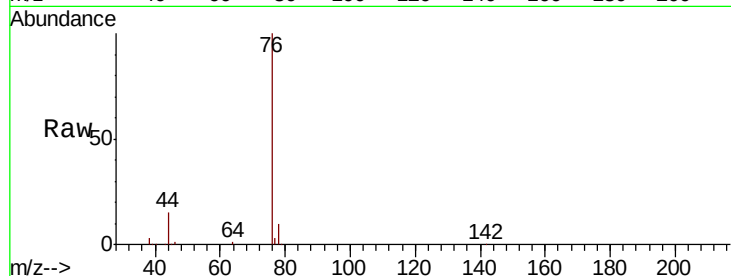
VN0629WBS02

Tot Ion: 76 Resp: 129740

Ion Ratio Lower Upper

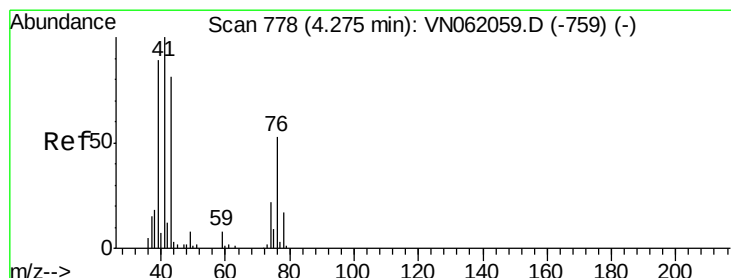
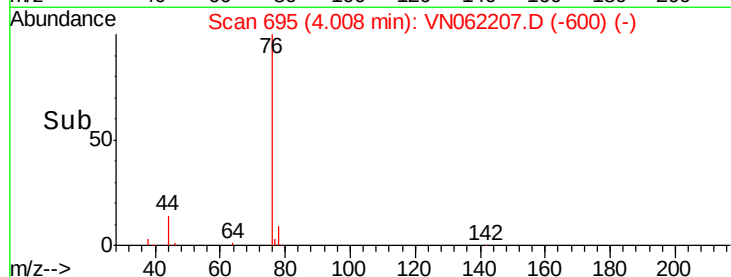
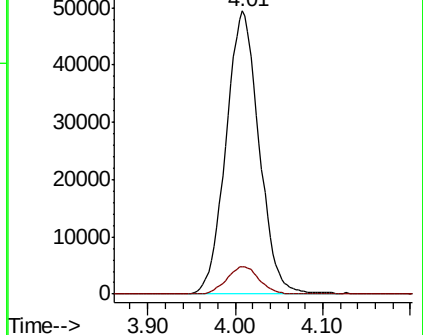
76 100

78 9.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062207.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062207.D (-600) (-)



#18

Methyl Acetate

Concen: 20.704 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN062207.D

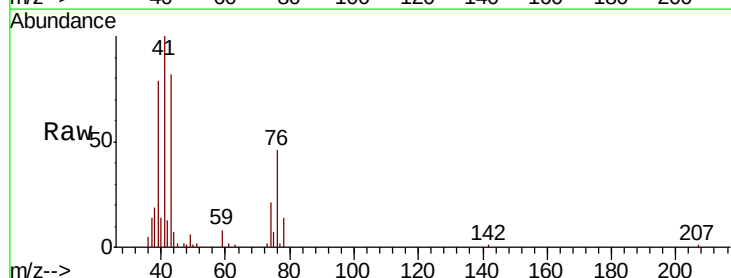
Acq: 30 Jun 2020 00:09

Tgt Ion: 43 Resp: 48789

Ion Ratio Lower Upper

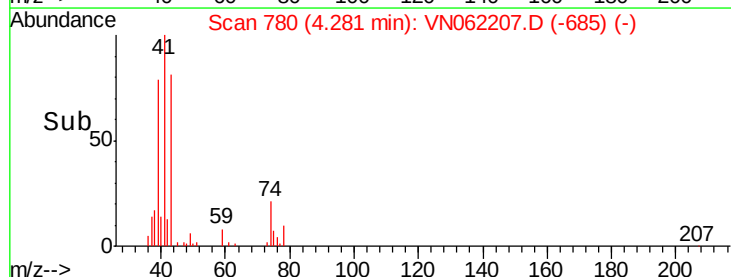
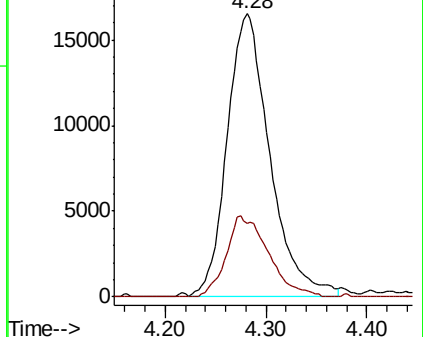
43 100

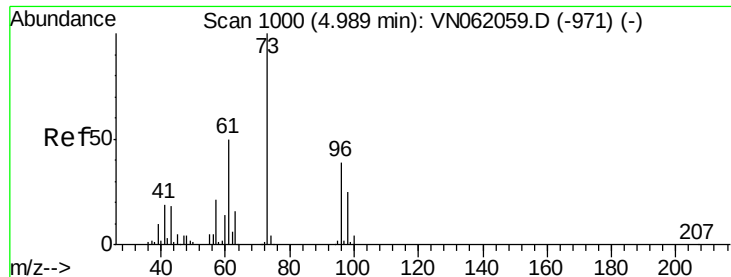
74 28.2 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062207.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062207.D (-685) (-)

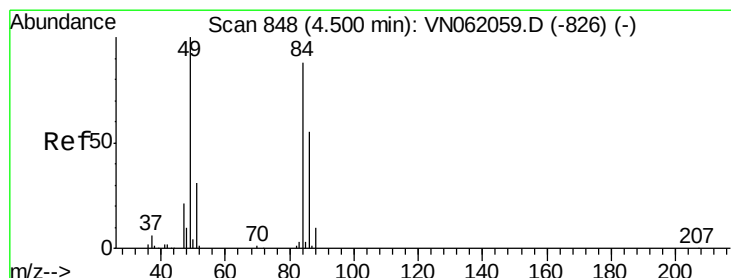
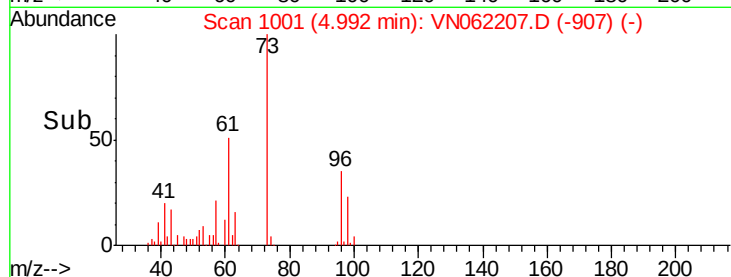
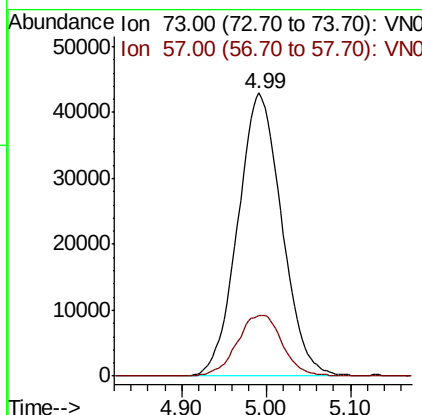
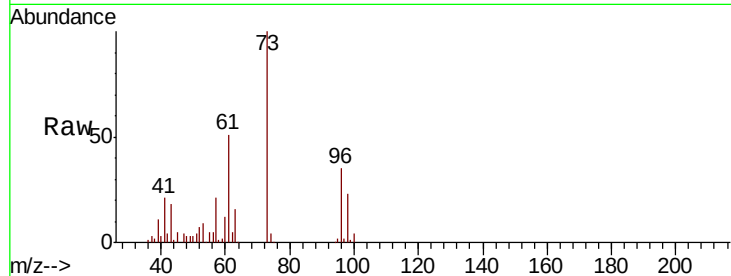




#19
Methyl tert-butyl Ether
Concen: 20.085 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

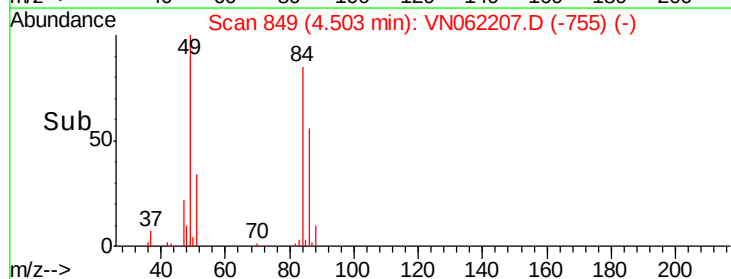
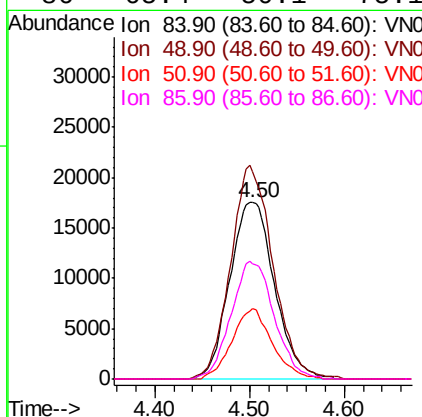
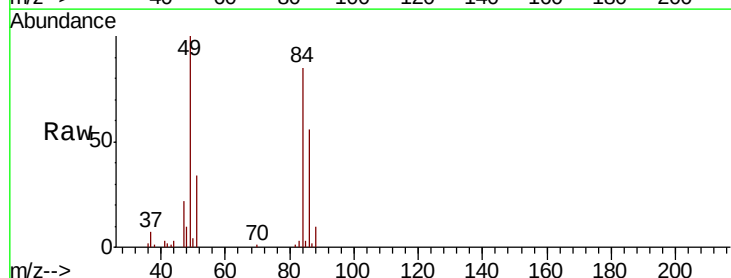
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

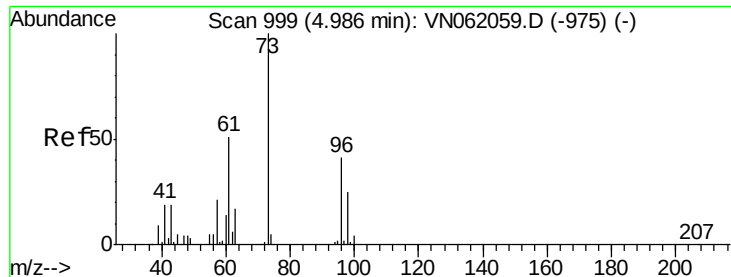
Tot Ion: 73 Resp: 155665
Ion Ratio Lower Upper
73 100
57 21.3 16.6 24.8



#20
Methylene Chloride
Concen: 21.108 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion: 84 Resp: 57780
Ion Ratio Lower Upper
84 100
49 117.3 90.6 136.0
51 39.6 27.8 41.8
86 65.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 18.086 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

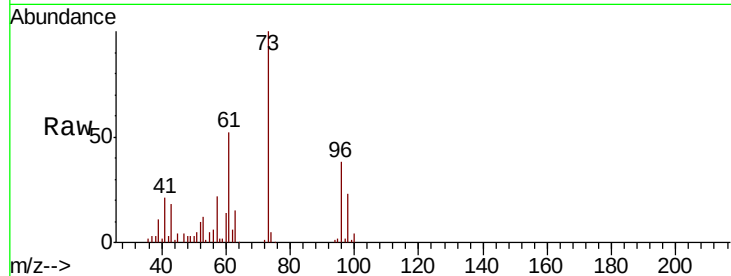
Tot Ion: 96 Resp: 49973

Ion Ratio Lower Upper

96 100

61 134.9 101.4 152.2

98 60.2 49.3 73.9

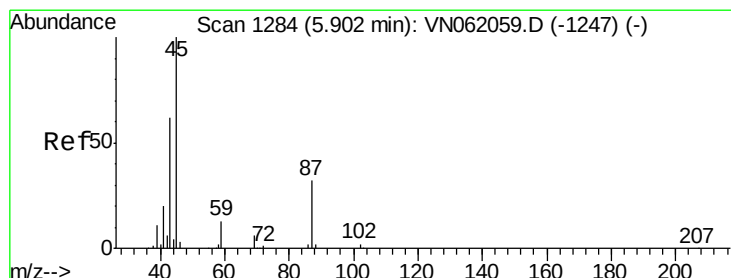
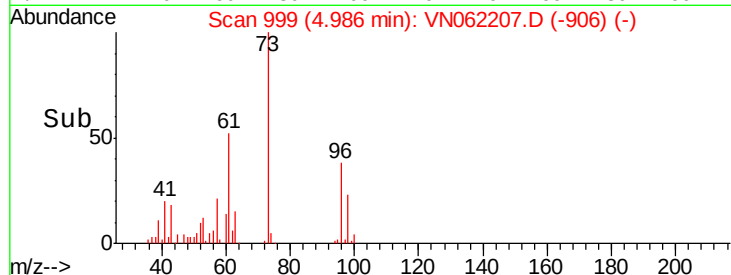
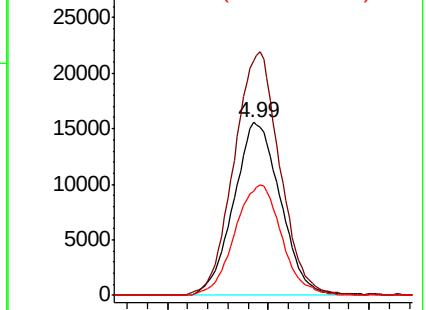


Abundance

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: 20.256 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Tgt Ion: 45 Resp: 152305

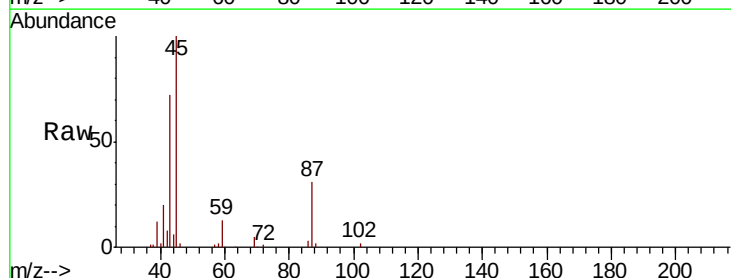
Ion Ratio Lower Upper

45 100

43 69.7 49.7 74.5

87 31.3 25.9 38.9

59 13.2 10.6 16.0



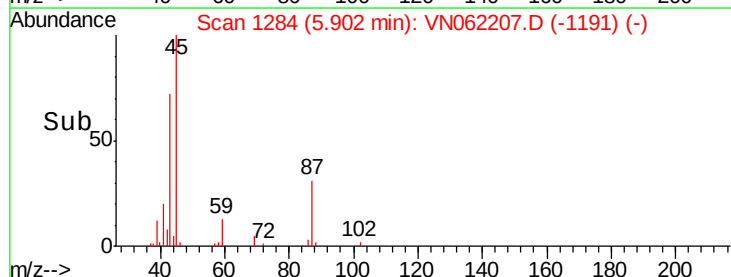
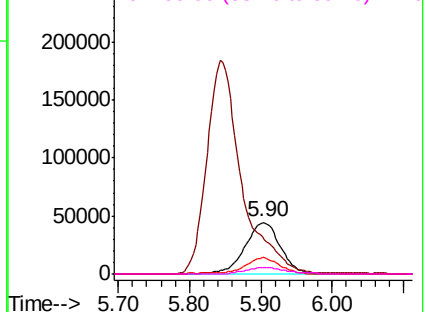
Abundance

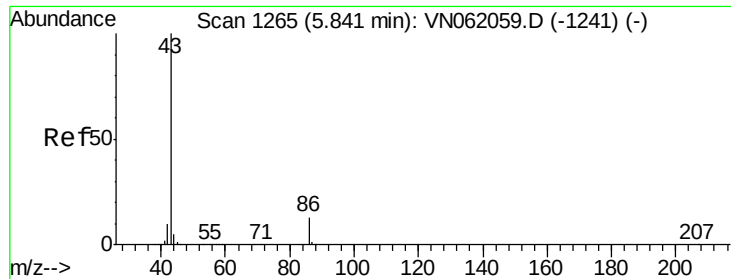
Ion 45.00 (44.70 to 45.70): VN0

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

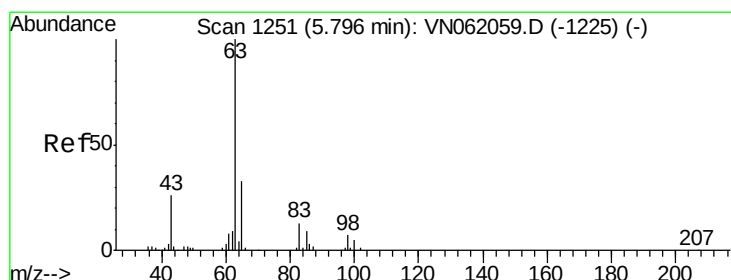
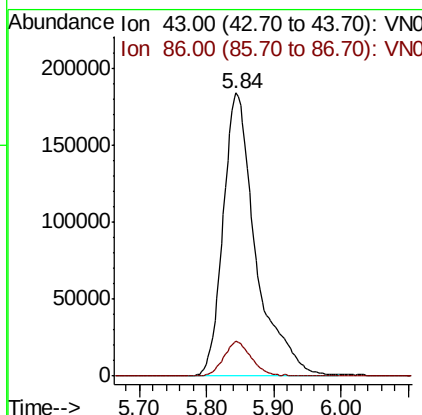
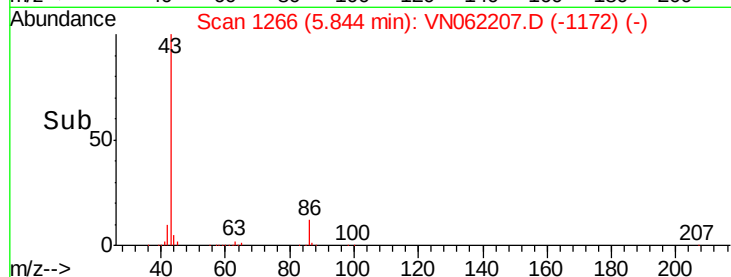
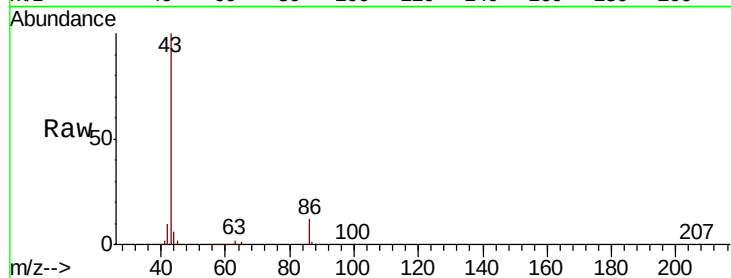




#23
 Vinyl Acetate
 Concen: 101.504 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

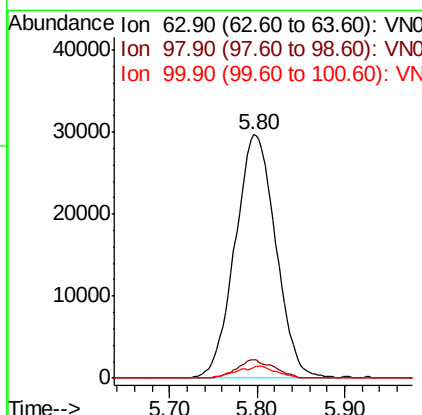
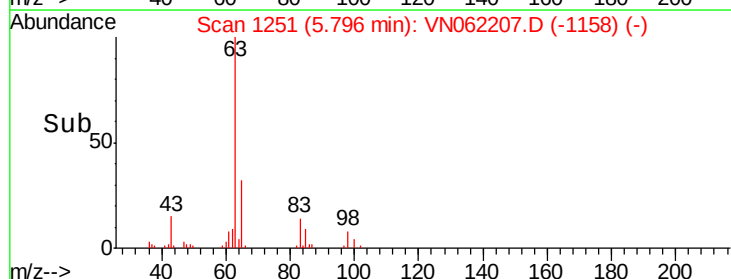
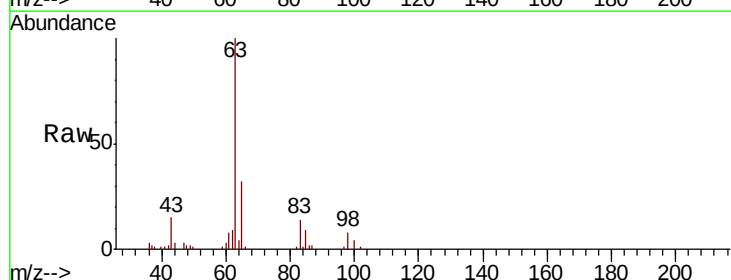
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

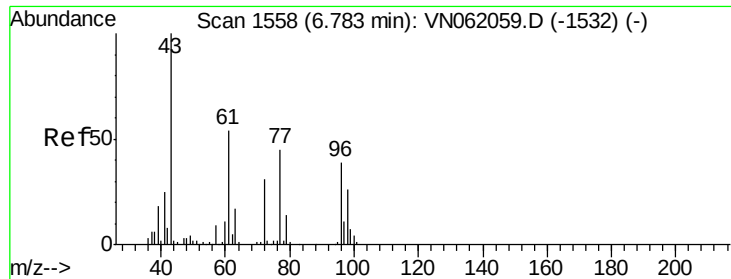
Tot Ion: 43 Resp: 623111
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 19.767 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion: 63 Resp: 95705
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.5 2.4 7.1

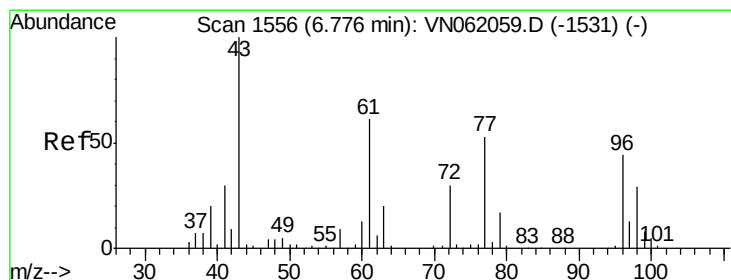
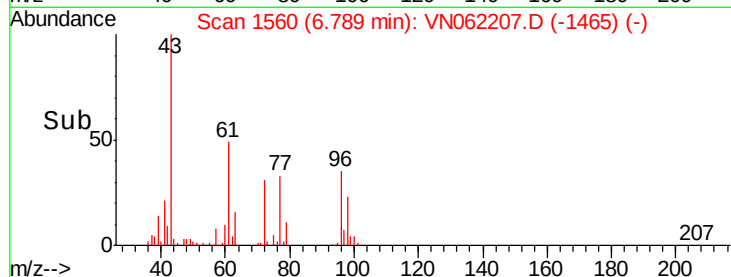
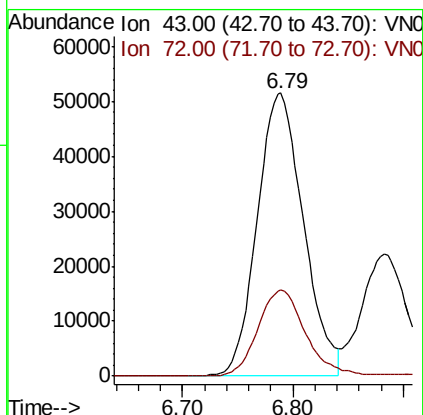
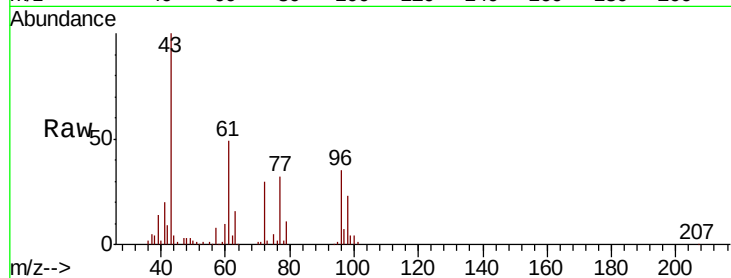




#25
2-Butanone
Concen: 103.500 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

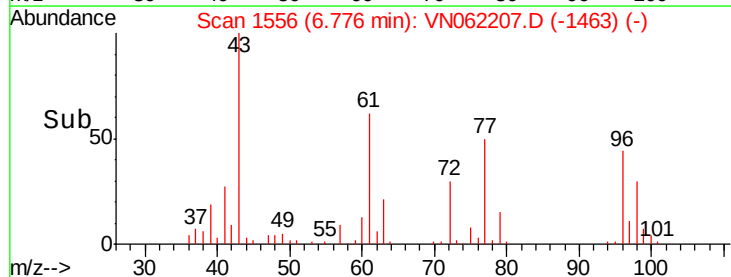
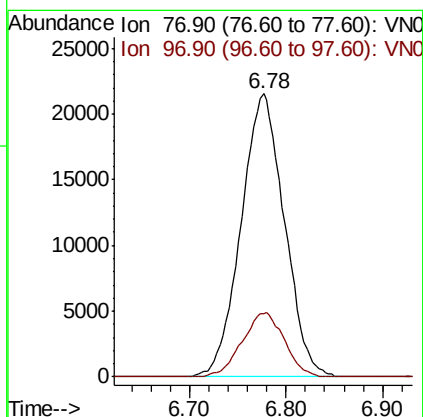
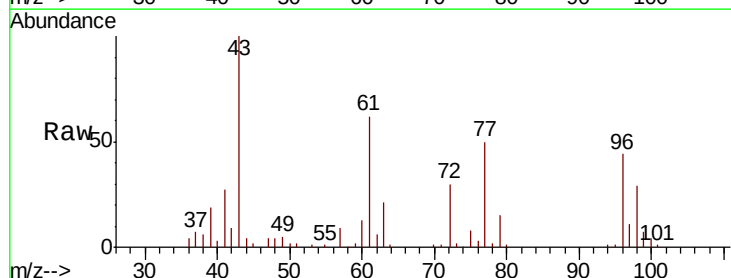
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

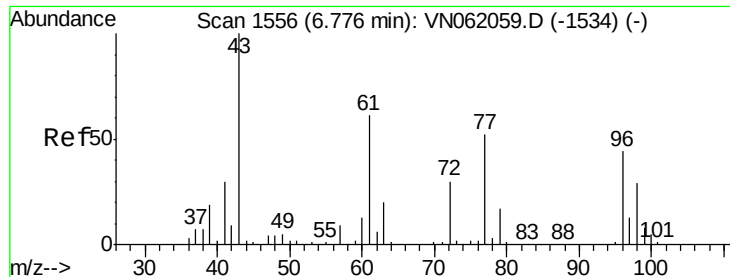
Tot Ion: 43 Resp: 149964
Ion Ratio Lower Upper
43 100
72 30.5 24.8 37.2



#26
2,2-Dichloropropane
Concen: 16.595 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion: 77 Resp: 66955
Ion Ratio Lower Upper
77 100
97 22.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.886 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

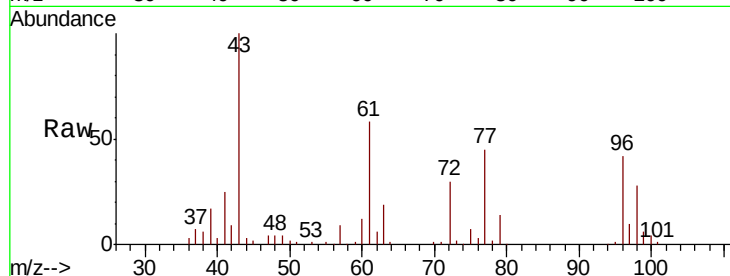
Tot Ion: 96 Resp: 58722

Ion Ratio Lower Upper

96 100

61 140.4 0.0 280.4

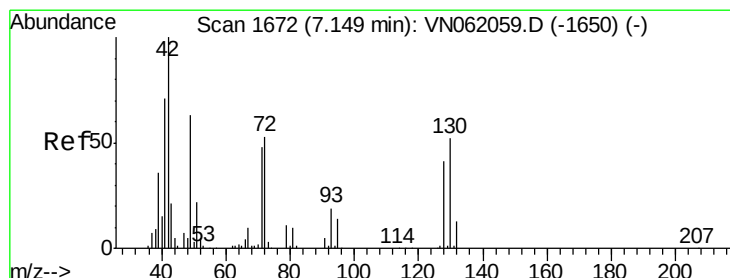
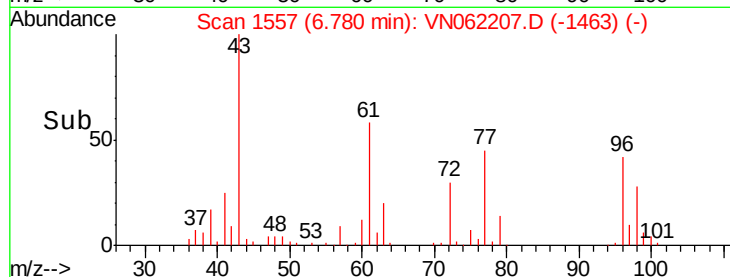
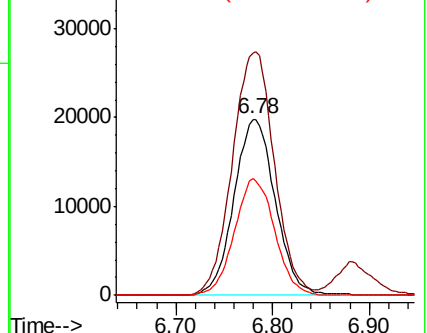
98 64.4 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.747 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

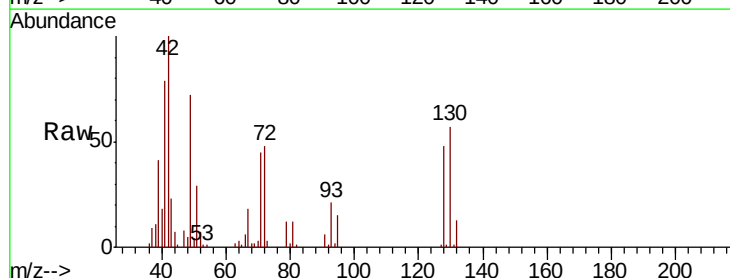
Tgt Ion: 49 Resp: 41483

Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.4

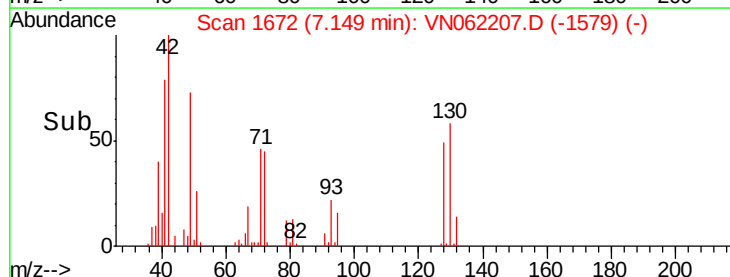
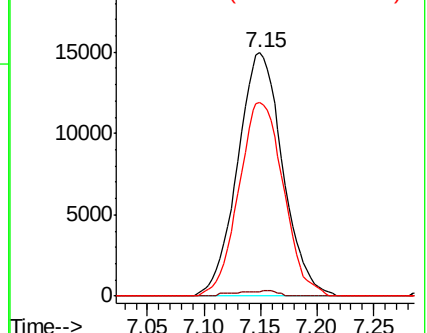
130 78.9 65.5 98.3

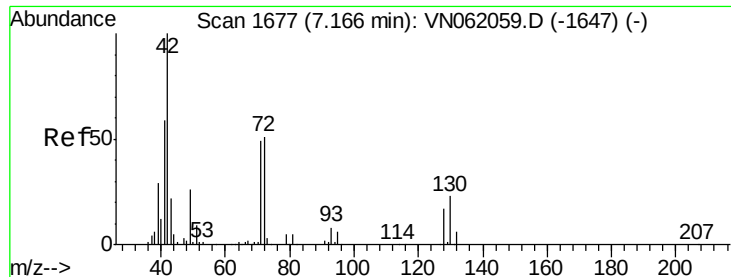


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

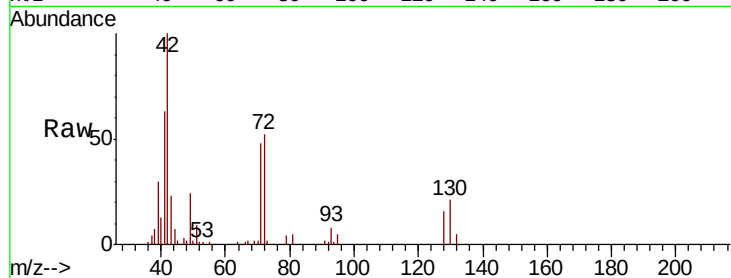




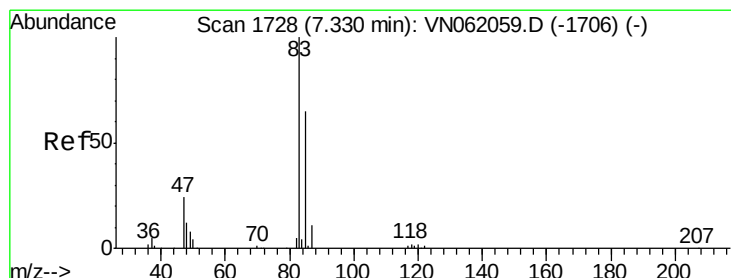
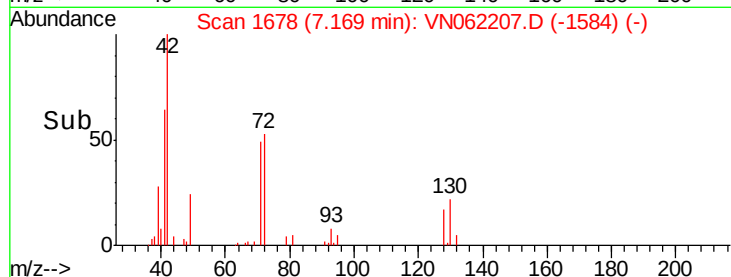
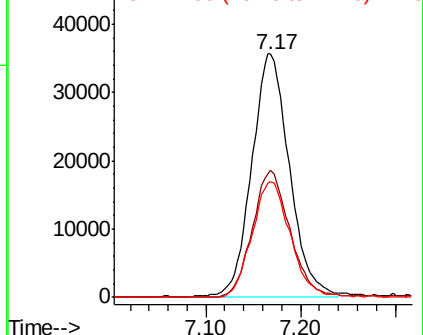
#29
Tetrahydrofuran
Concen: 104.304 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion: 42 Resp: 98997
Ion Ratio Lower Upper
42 100
72 51.8 41.1 61.7
71 48.0 38.2 57.4

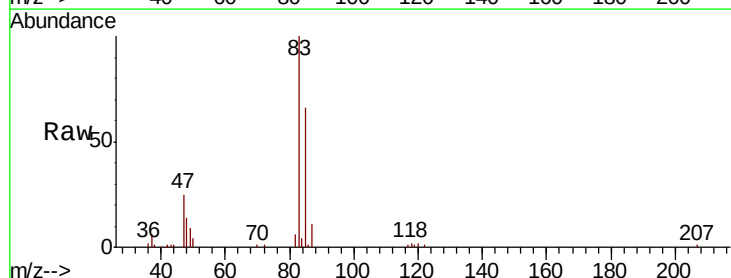


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

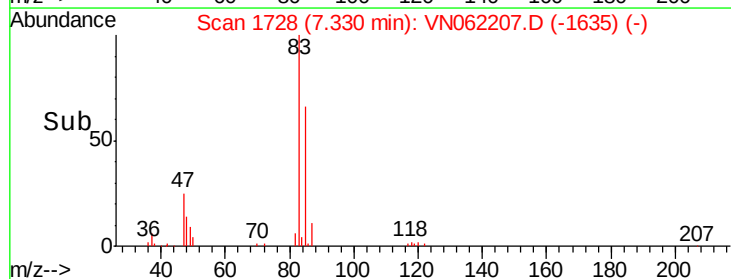
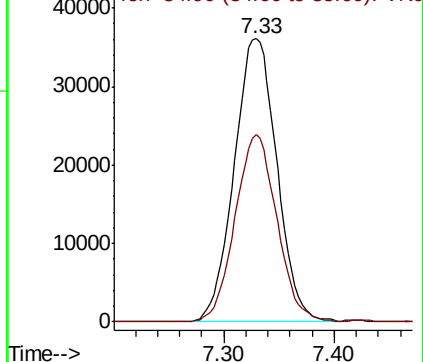


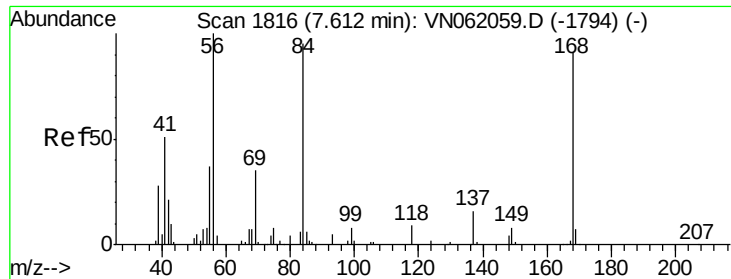
#30
Chloroform
Concen: 19.682 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion: 83 Resp: 96955
Ion Ratio Lower Upper
83 100
85 66.1 52.3 78.5



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

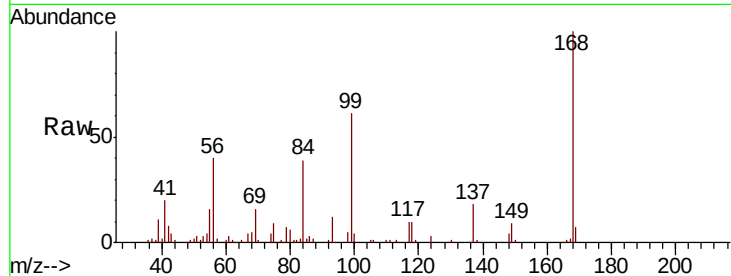




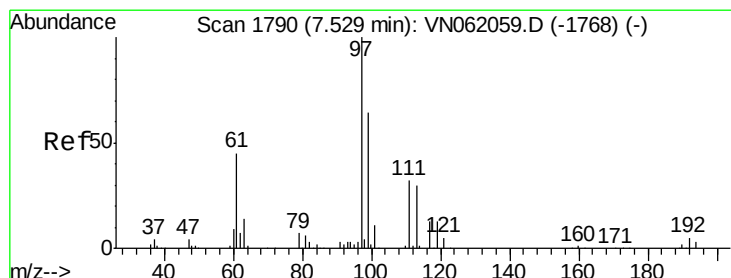
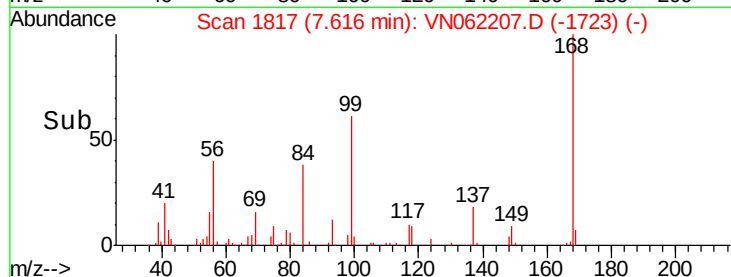
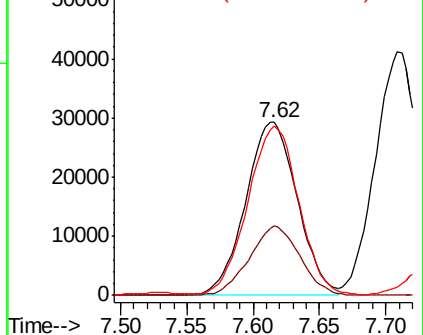
#31
Cyclohexane
Concen: 19.460 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

Tot Ion: 56 Resp: 79699
Ion Ratio Lower Upper
56 100
69 40.2 28.0 42.0
84 96.6 76.1 114.1

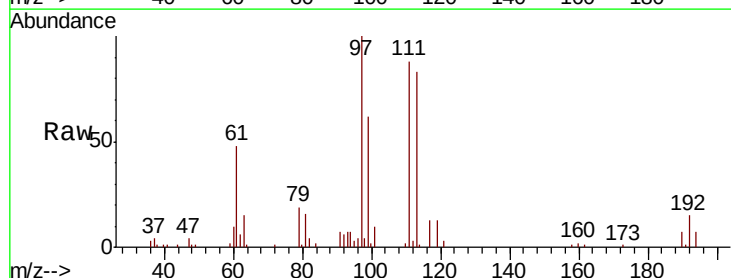


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

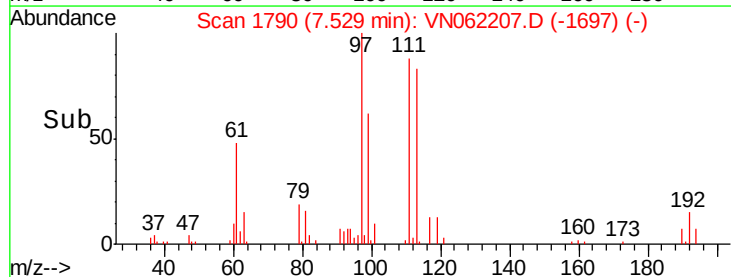
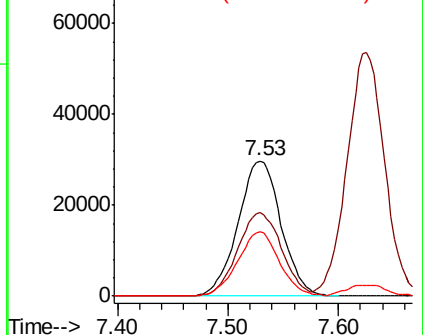


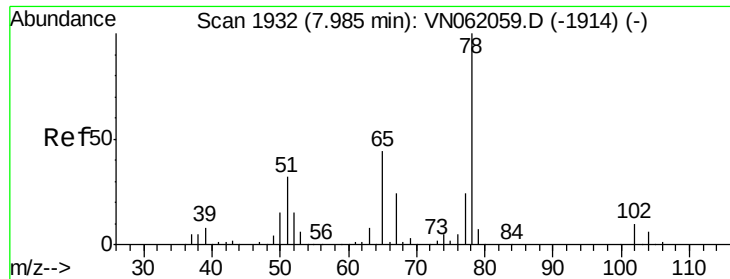
#32
1,1,1-Trichloroethane
Concen: 19.364 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion: 97 Resp: 80445
Ion Ratio Lower Upper
97 100
99 63.3 51.0 76.4
61 46.3 36.2 54.2



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

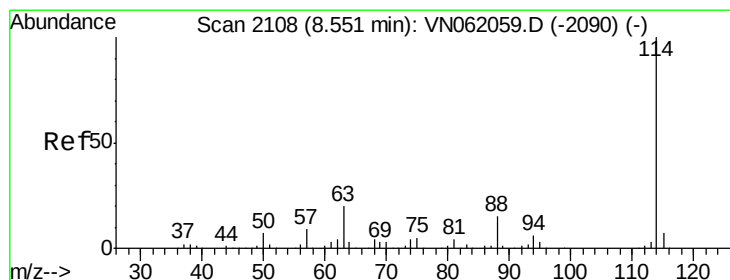
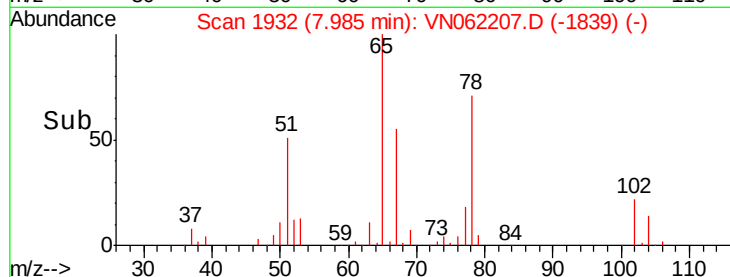
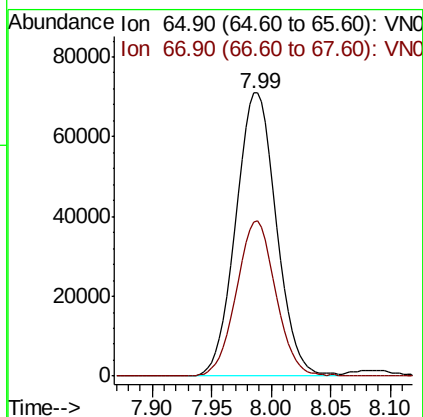
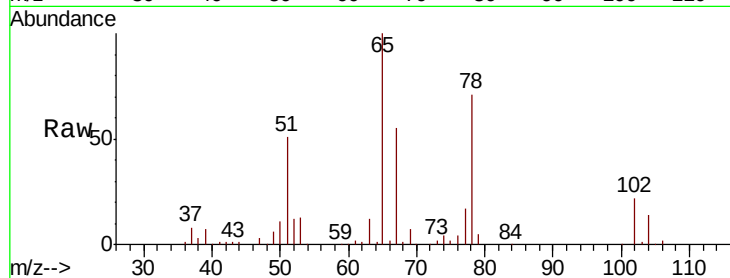




#33
 1,2-Dichloroethane-d4
 Concen: 56.589 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

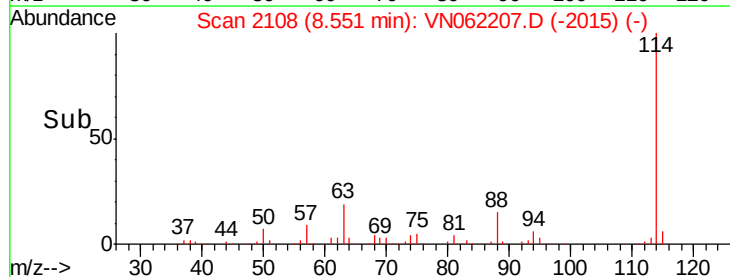
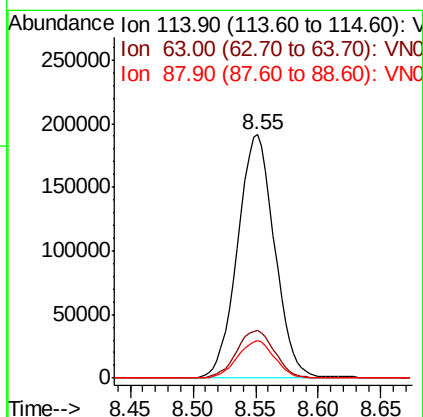
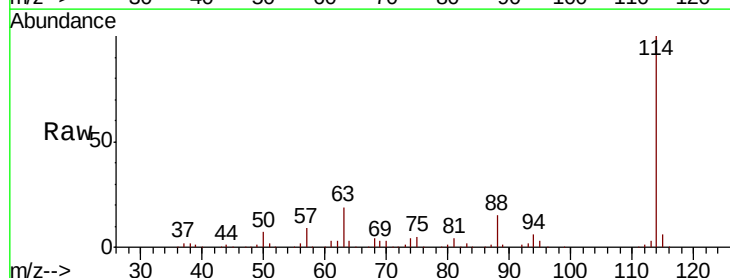
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

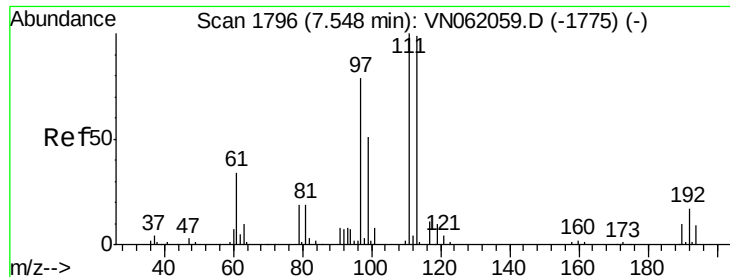
Tot Ion: 65 Resp: 167748
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion: 114 Resp: 393581
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 15.4 0.0 30.8

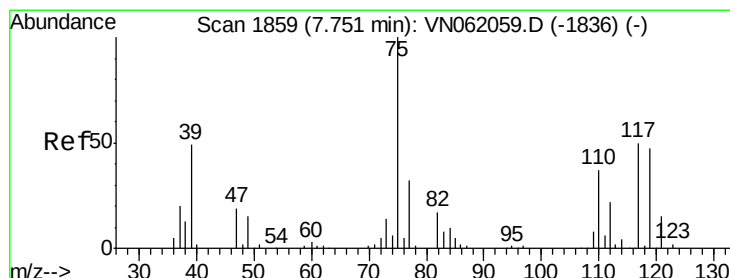
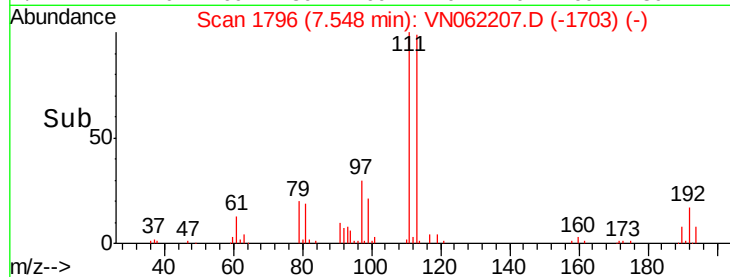
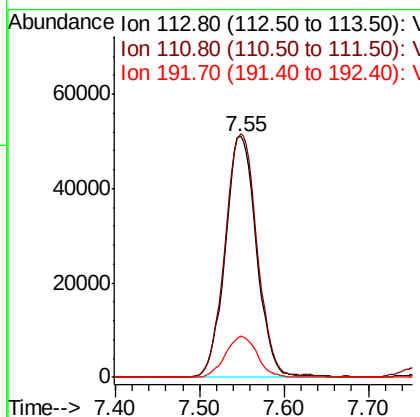
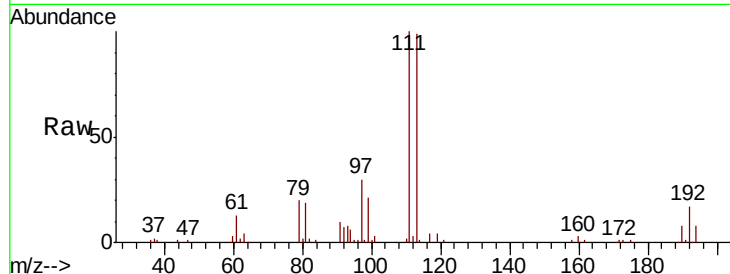




#35
 Dibromofluoromethane
 Concen: 52.155 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

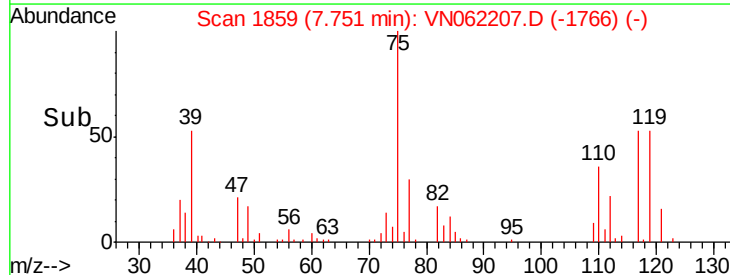
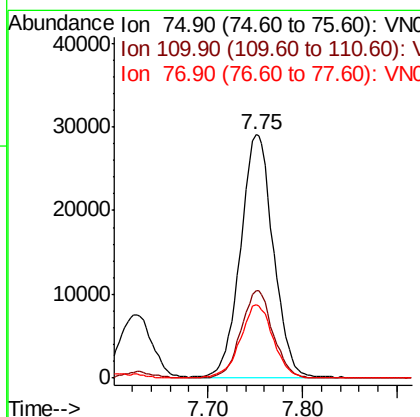
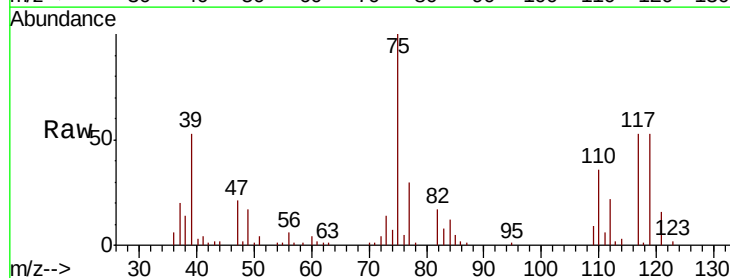
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

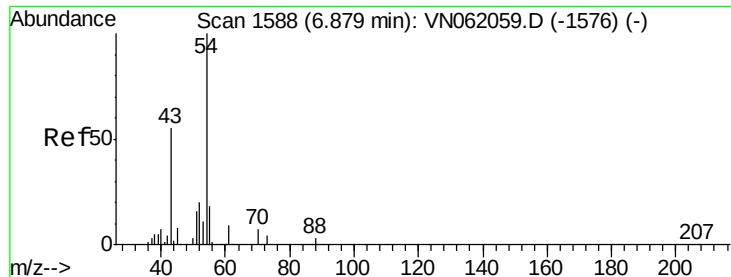
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	17.2	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 17.824 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.9	53.8
77	29.9	24.9	37.3

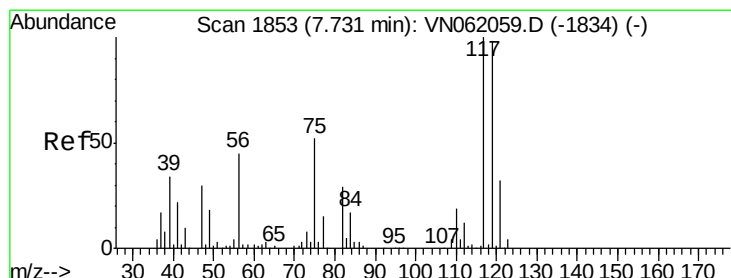
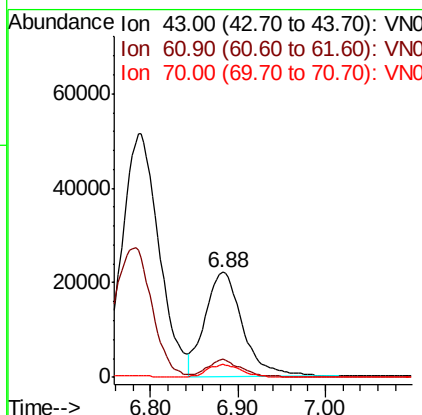
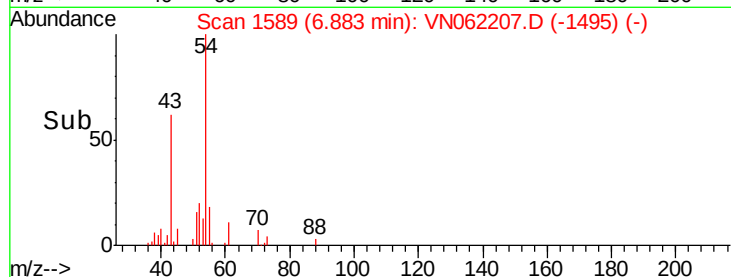
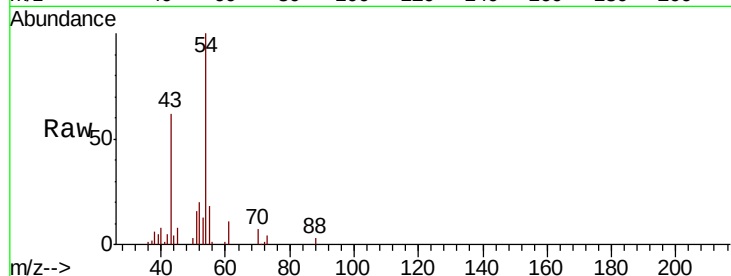




#37
Ethyl Acetate
Concen: 20.264 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

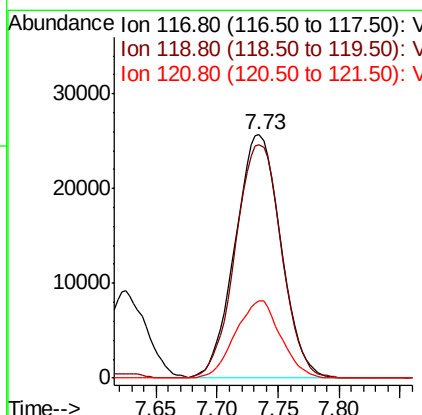
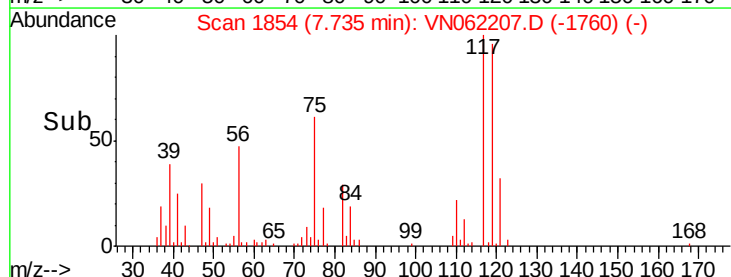
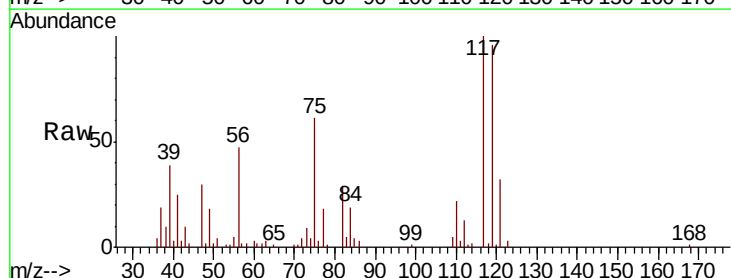
Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

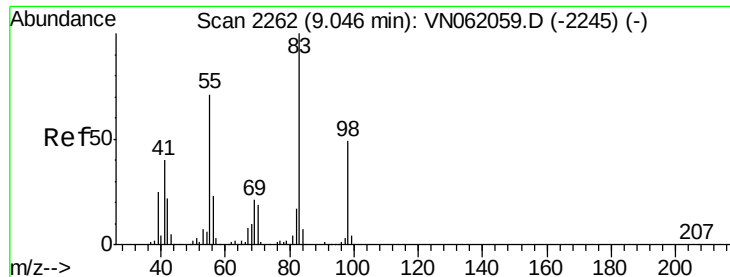
Tot Ion: 43 Resp: 66382
Ion Ratio Lower Upper
43 100
61 15.3 12.0 18.0
70 11.3 9.6 14.4



#38
Carbon Tetrachloride
Concen: 17.836 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion: 117 Resp: 66523
Ion Ratio Lower Upper
117 100
119 96.0 78.2 117.2
121 31.7 25.8 38.6

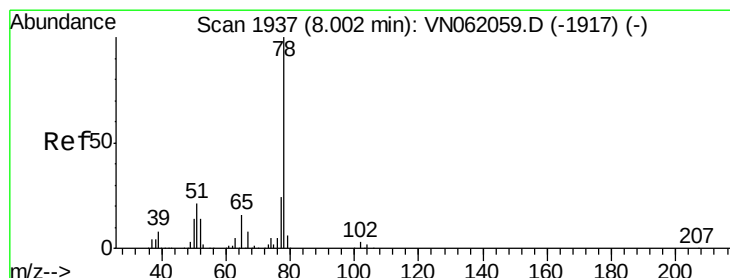
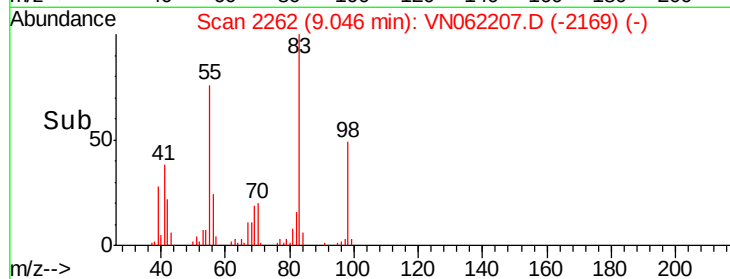
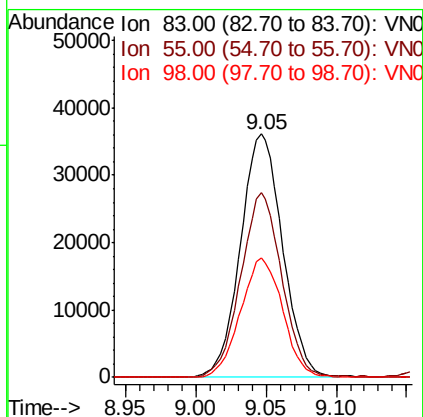
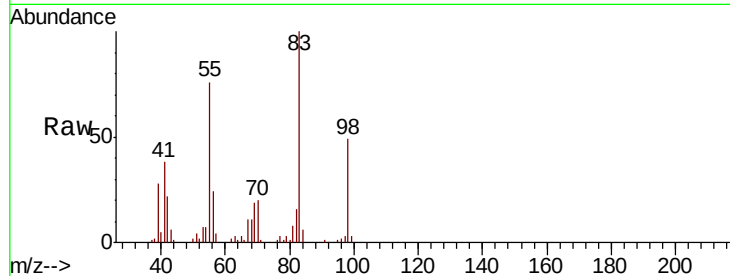




#39
Methylvlcyclohexane
Concen: 17.370 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

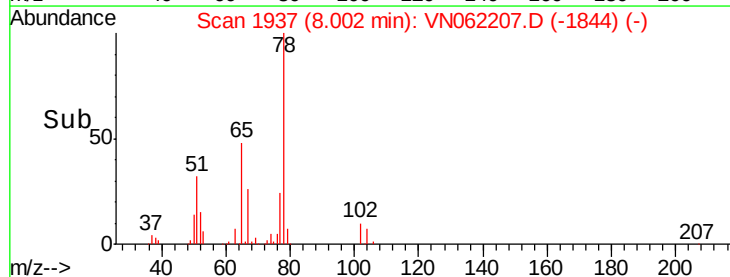
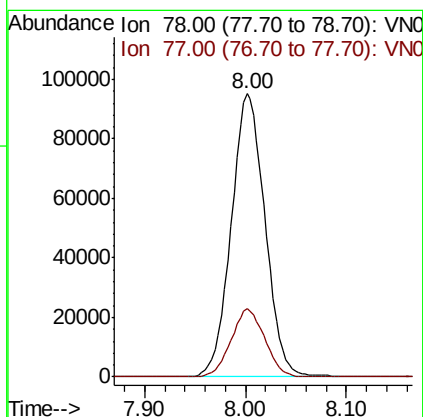
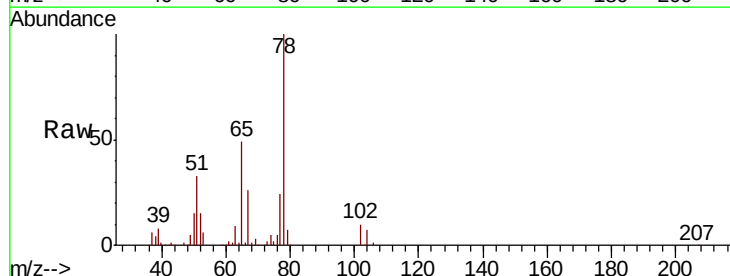
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

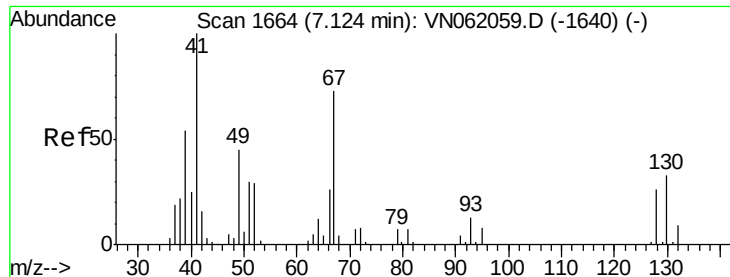
Tot Ion: 83 Resp: 75293
Ion Ratio Lower Upper
83 100
55 75.8 57.0 85.6
98 48.9 39.0 58.6



#40
Benzene
Concen: 18.313 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion: 78 Resp: 220821
Ion Ratio Lower Upper
78 100
77 24.0 19.5 29.3

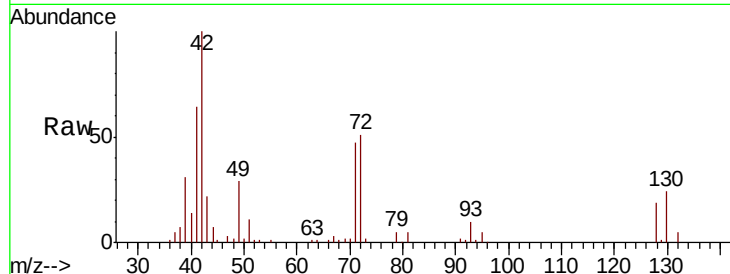




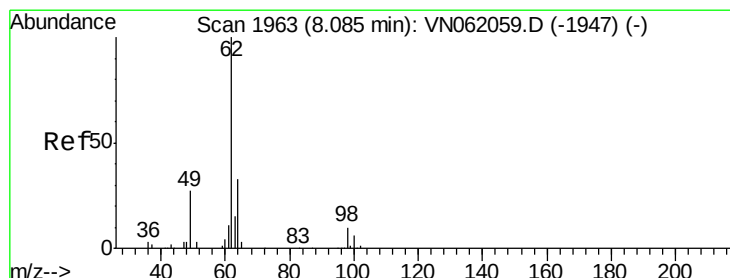
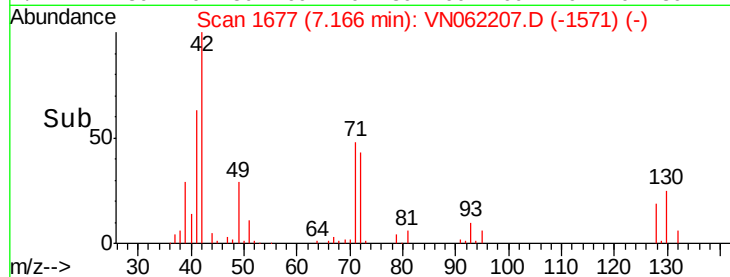
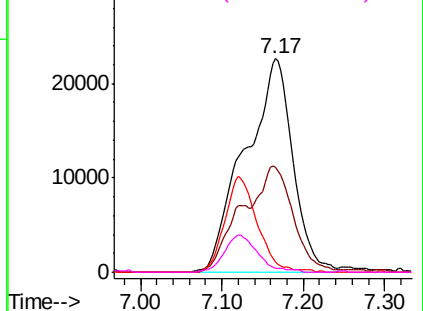
#41
Methacrylonitrile
Concen: 61.245 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

Tot Ion: 41 Resp: 93013
Ion Ratio Lower Upper
41 100
39 28.0 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#

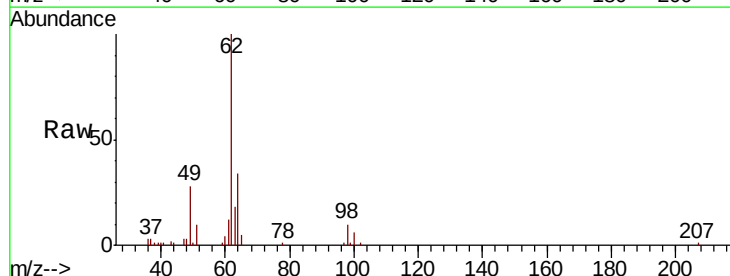


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

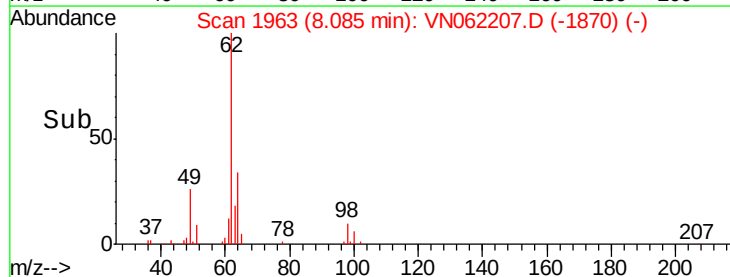
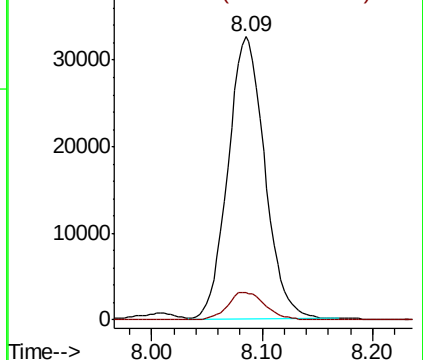


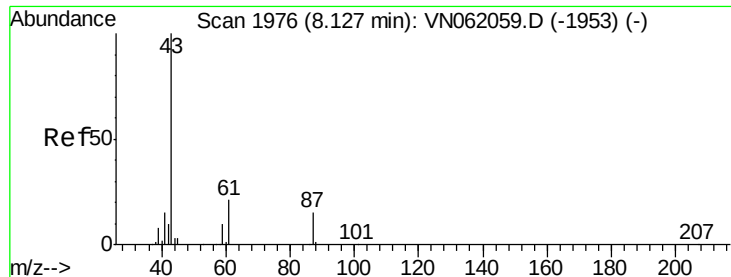
#42
1,2-Dichloroethane
Concen: 18.526 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion: 62 Resp: 75474
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.8



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





#43

Isopropyl Acetate

Concen: 19.402 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

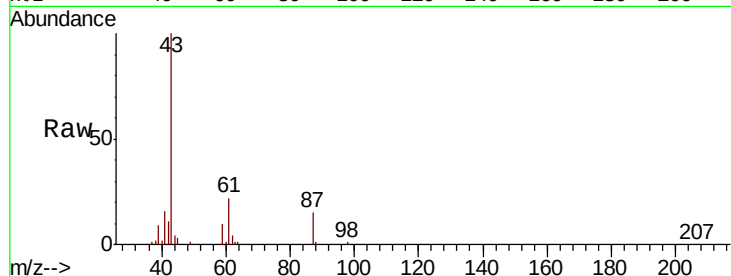
Tot Ion: 43 Resp: 103610

Ion Ratio Lower Upper

43 100

61 22.8 17.2 25.8

87 14.3 12.1 18.1



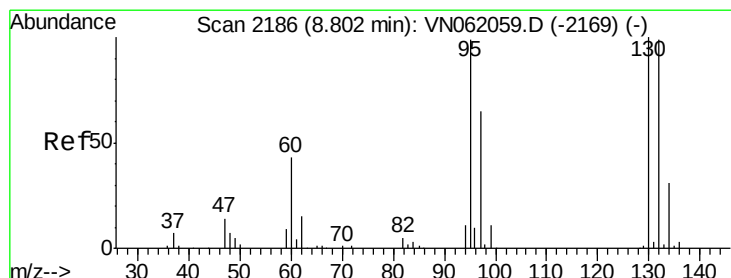
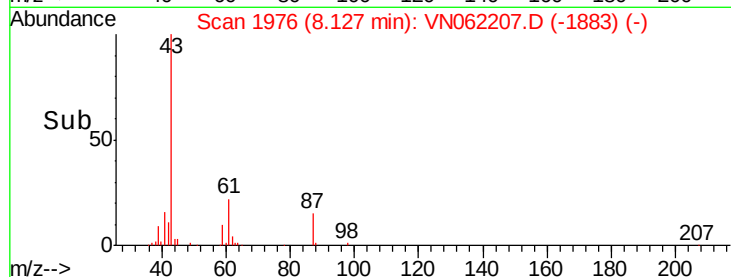
Abundance Ion 43.00 (42.70 to 43.70): VN062207.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062207.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062207.D (-1953) (-)

8.13

Time-->



#44

Trichloroethene

Concen: 17.832 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062207.D

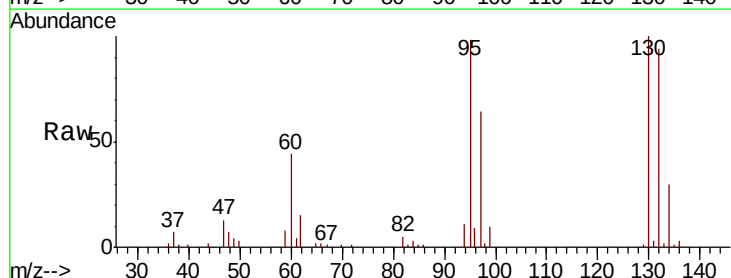
Acq: 30 Jun 2020 00:09

Tgt Ion:130 Resp: 54239

Ion Ratio Lower Upper

130 100

95 98.0 0.0 197.8

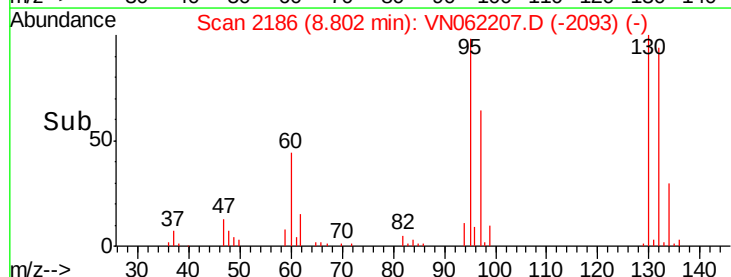


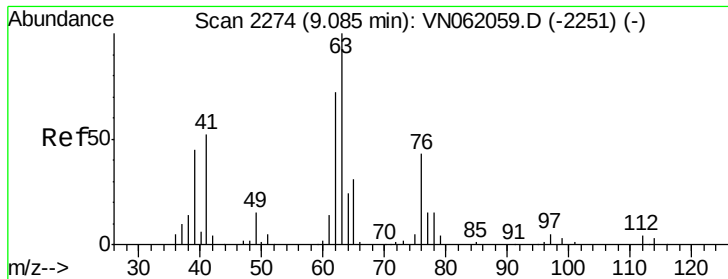
Abundance Ion 129.80 (129.50 to 130.50): VN062207.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062207.D (-2093) (-)

8.80

Time-->

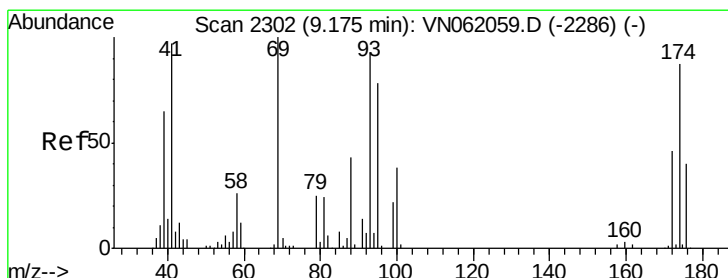
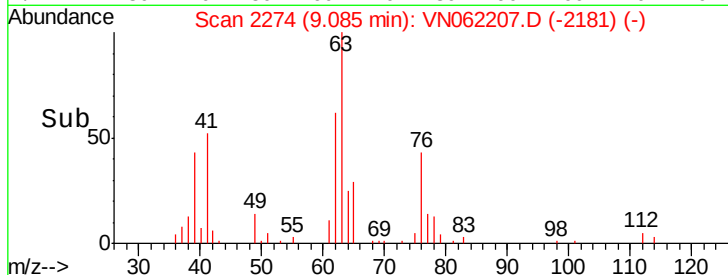
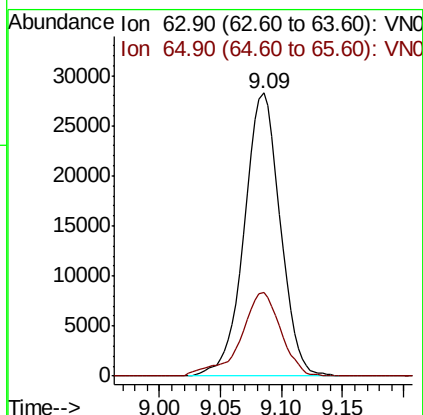
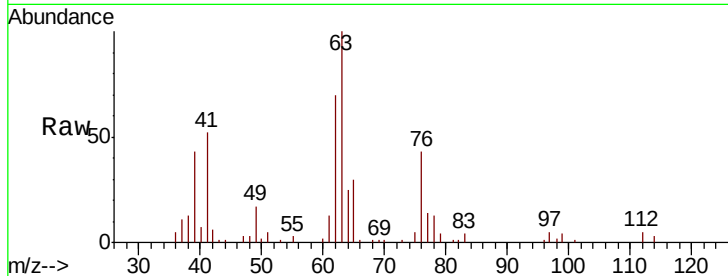




#45
 1,2-Dichloropropane
 Concen: 19.331 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

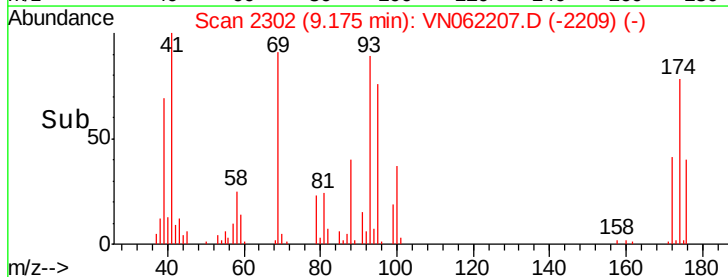
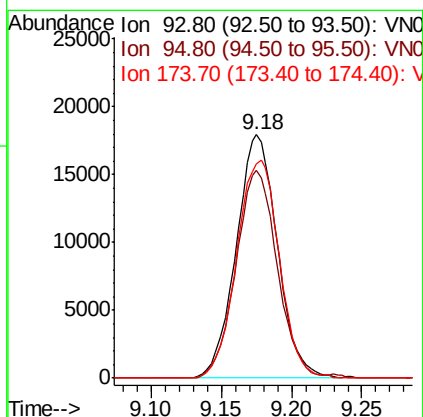
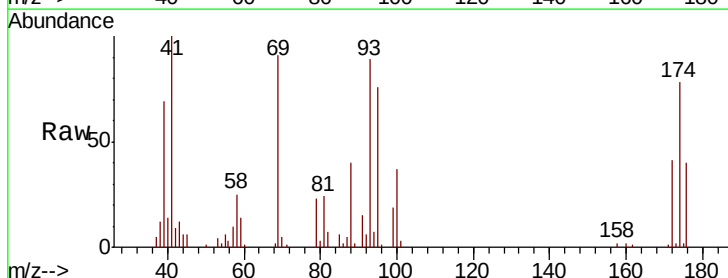
Instrument :
 MSVOA_N
 ClientSampled :
 VN0629WBS02

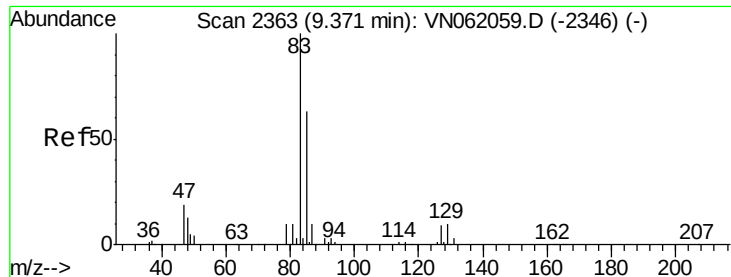
Tot Ion: 63 Resp: 57506
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.0 37.4



#46
 Dibromomethane
 Concen: 18.211 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion: 93 Resp: 36729
 Ion Ratio Lower Upper
 93 100
 95 85.4 67.0 100.6
 174 92.5 74.4 111.6





#47

Bromodichloromethane

Concen: 18.860 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

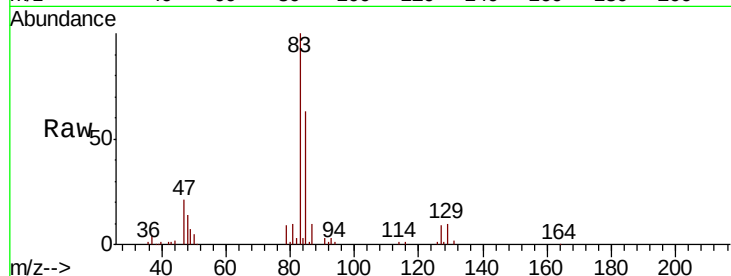
Tot Ion: 83 Resp: 76806

Ion Ratio Lower Upper

83 100

85 63.4 50.3 75.5

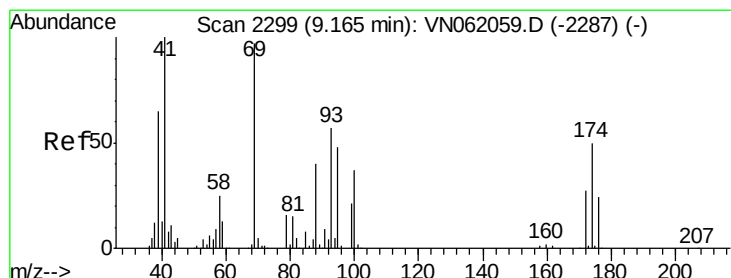
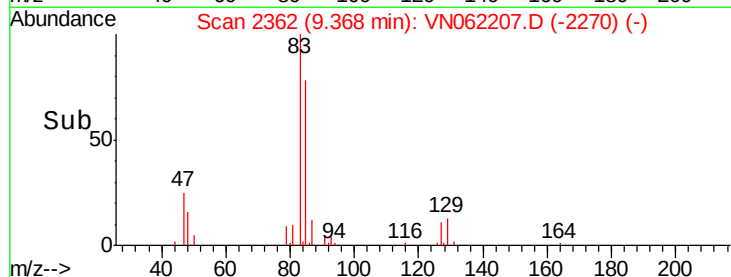
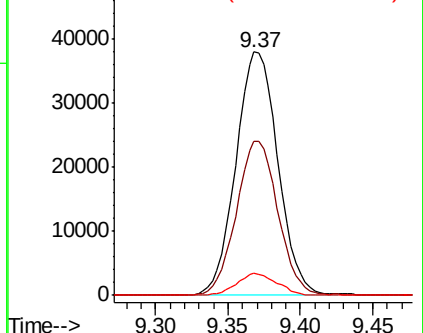
127 9.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062207.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062207.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062207.D (-2270) (-)



#48

Methyl methacrylate

Concen: 19.448 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

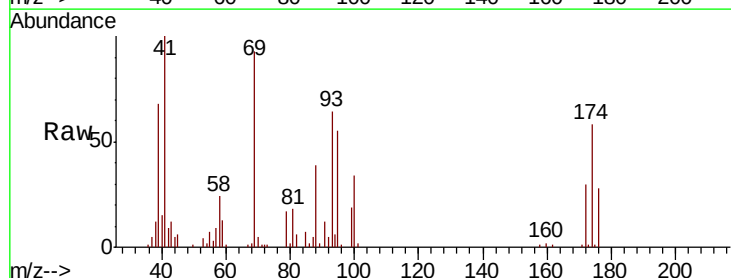
Tgt Ion: 41 Resp: 46565

Ion Ratio Lower Upper

41 100

69 94.7 80.7 121.1

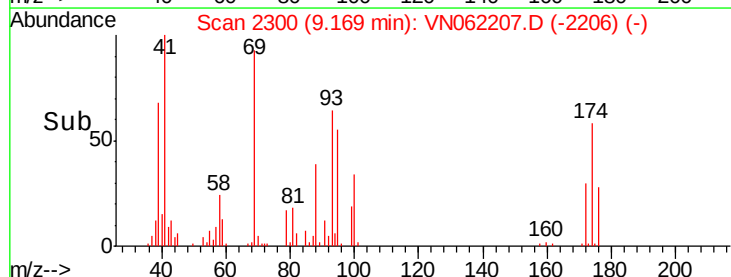
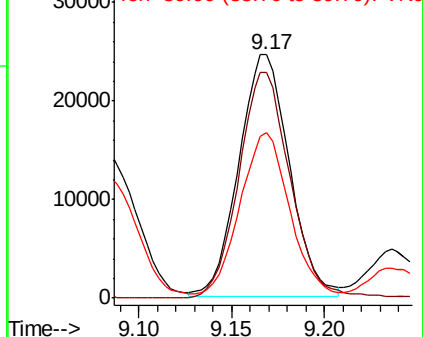
39 67.1 54.5 81.7

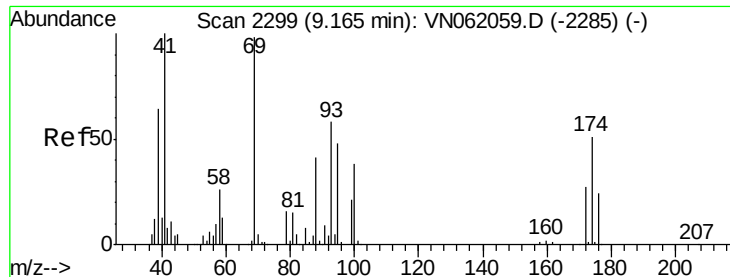


Abundance Ion 41.00 (40.70 to 41.70): VN062207.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062207.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062207.D (-2206) (-)

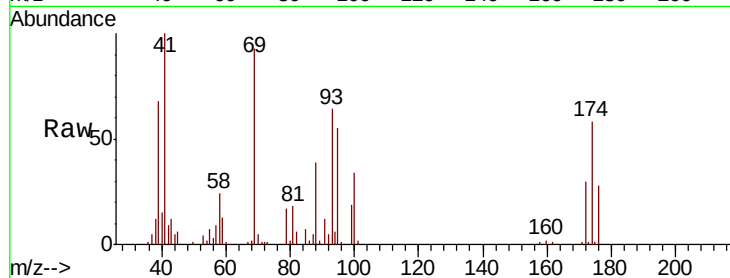




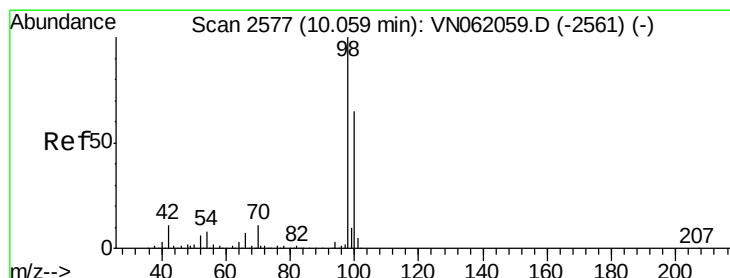
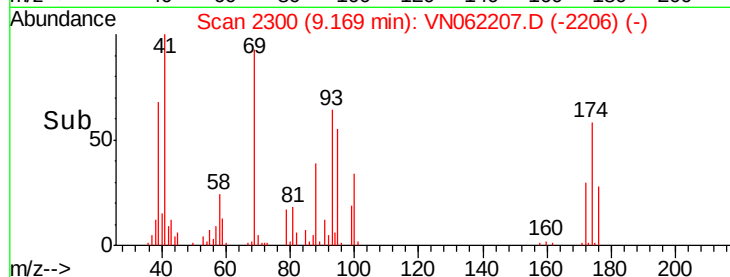
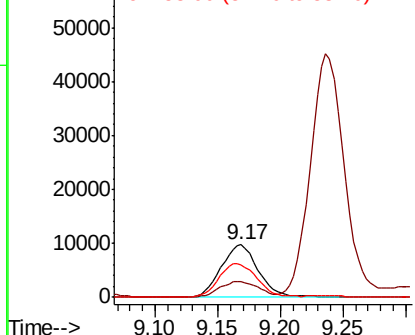
#49
1,4-Dioxane
Concen: 378.336 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion: 88 Resp: 20089
Ion Ratio Lower Upper
88 100
43 32.8 22.0 33.0
58 65.5 49.2 73.8

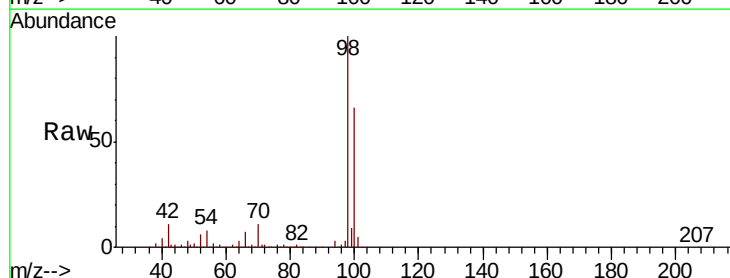


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

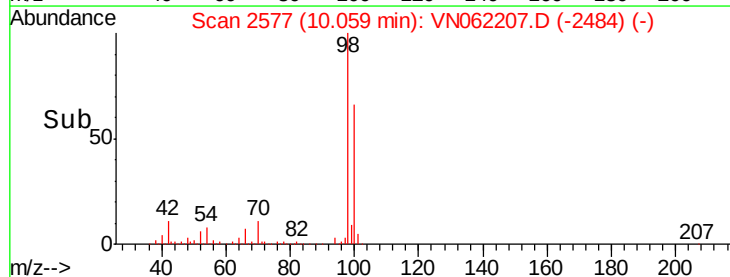
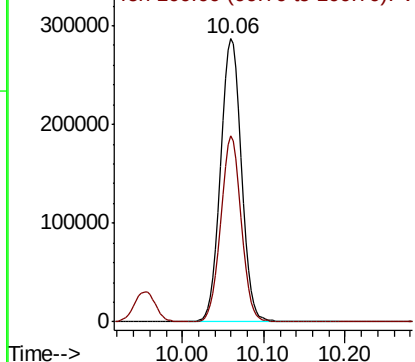


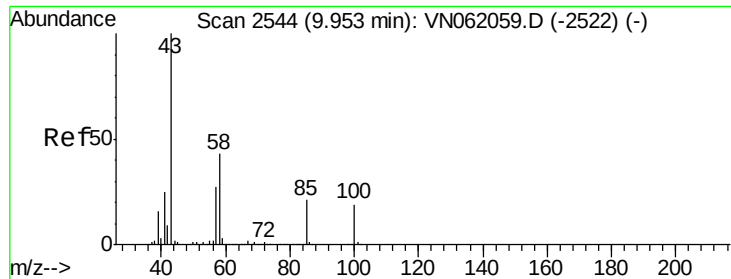
#50
Toluene-d8
Concen: 51.909 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion: 98 Resp: 523937
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8



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

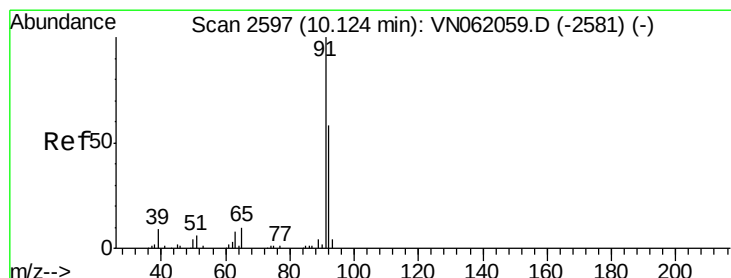
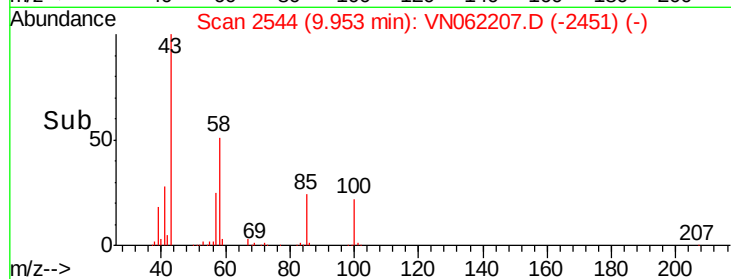
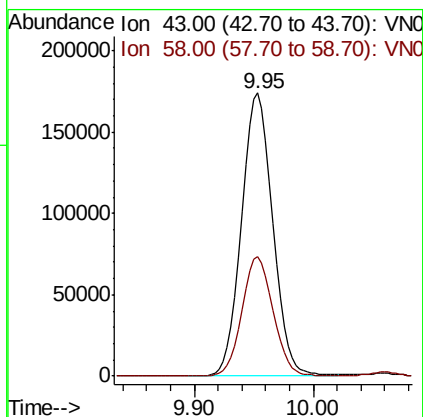
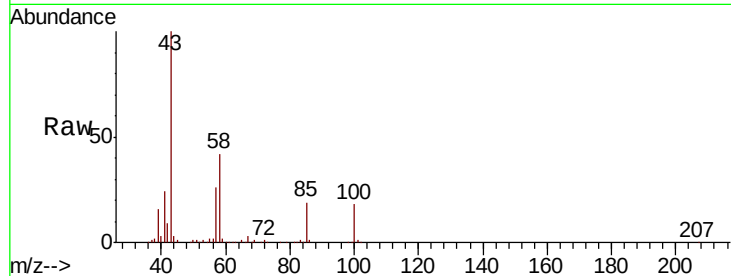




#51
 4-Methyl-2-Pentanone
 Concen: 101.655 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

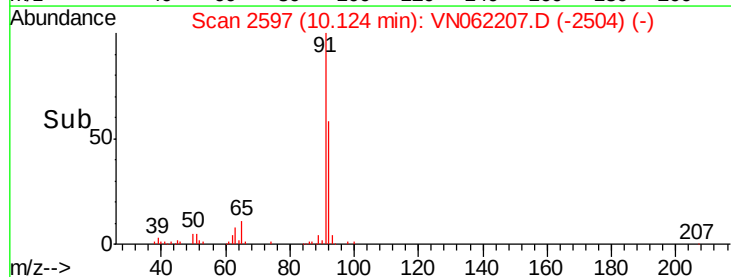
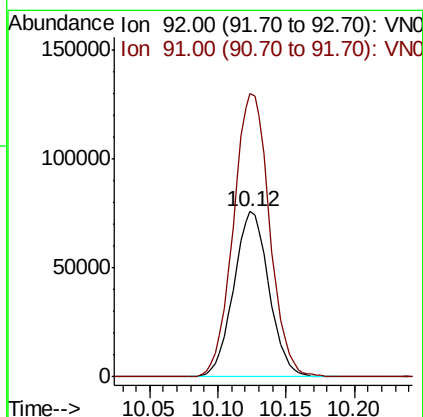
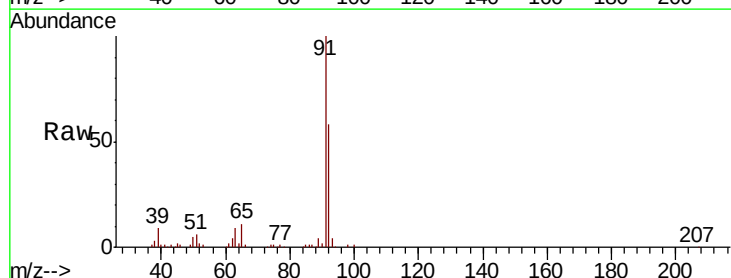
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

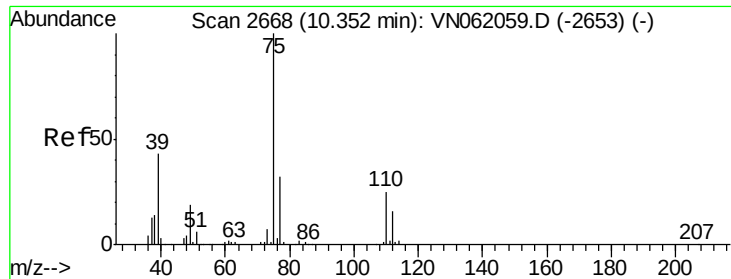
Tot Ion: 43 Resp: 317168
 Ion Ratio Lower Upper
 43 100
 58 42.1 34.2 51.2



#52
 Toluene
 Concen: 18.551 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion: 92 Resp: 136484
 Ion Ratio Lower Upper
 92 100
 91 175.3 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 17.770 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

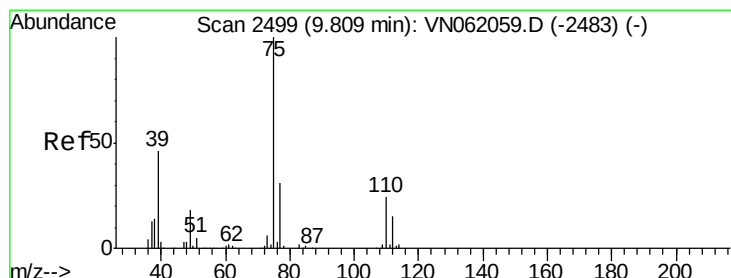
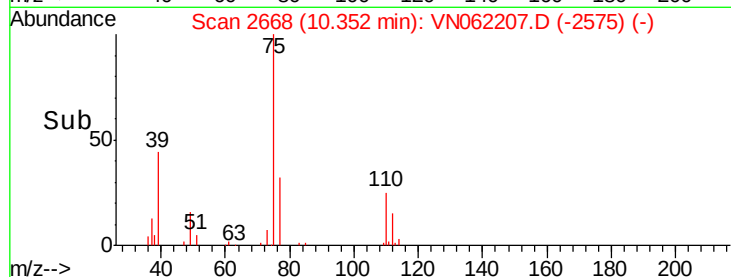
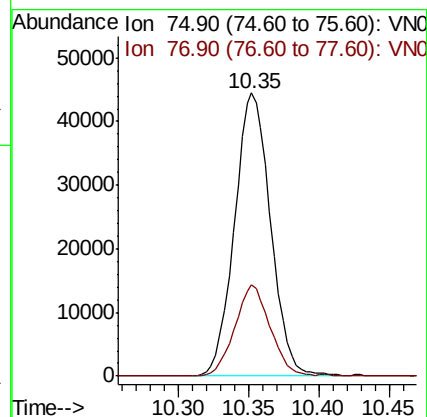
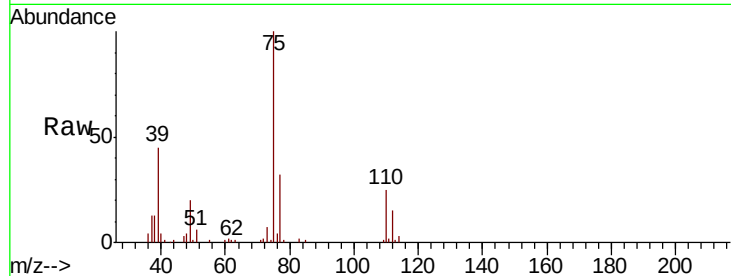
VN0629WBS02

Tot Ion: 75 Resp: 79617

Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.159 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

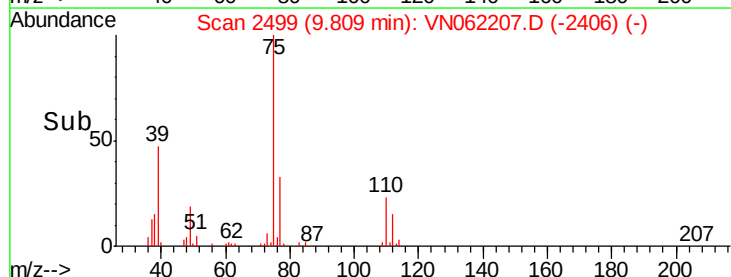
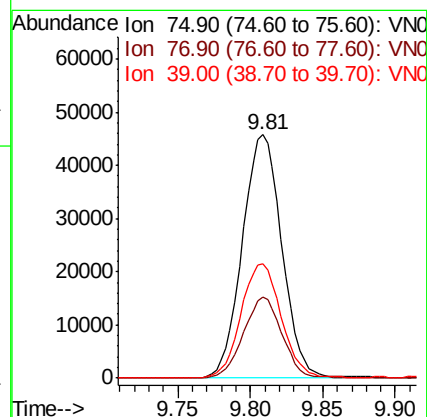
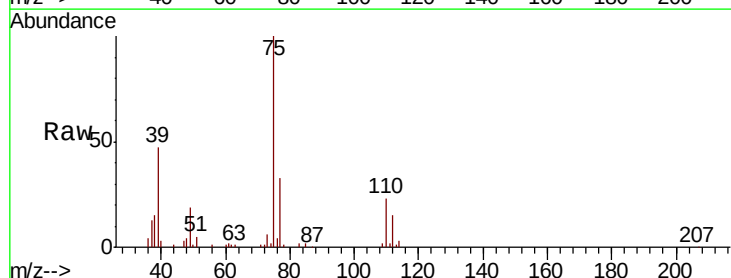
Tgt Ion: 75 Resp: 86617

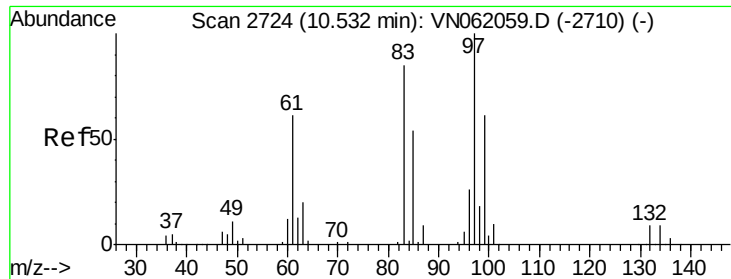
Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.6

39 47.1 36.9 55.3

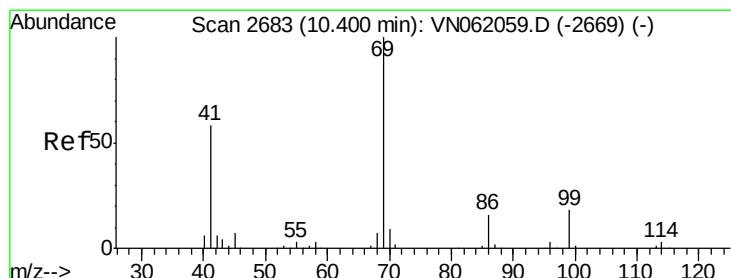
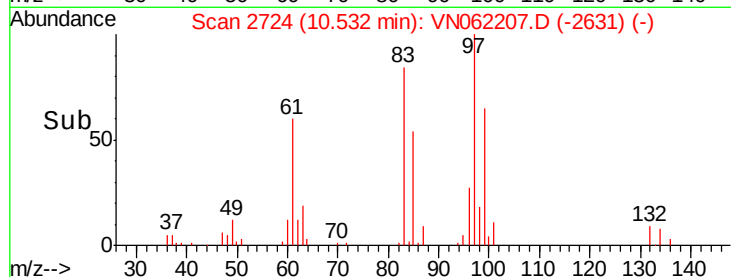
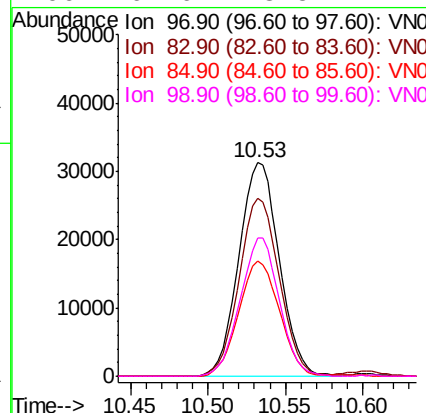
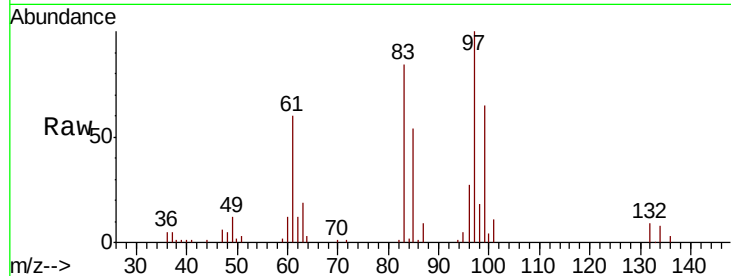




#55
 1,1,2-Trichloroethane
 Concen: 19.645 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

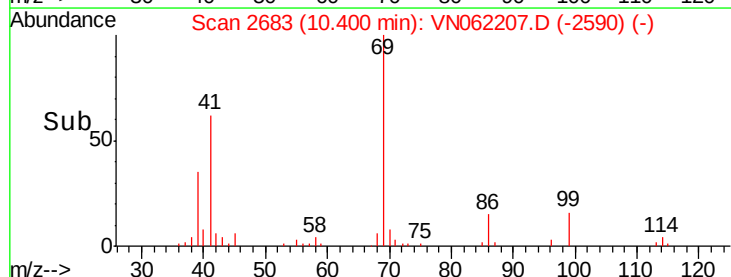
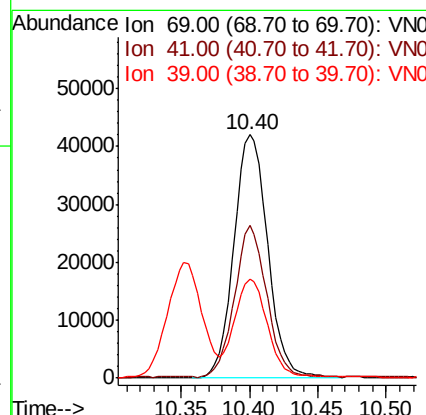
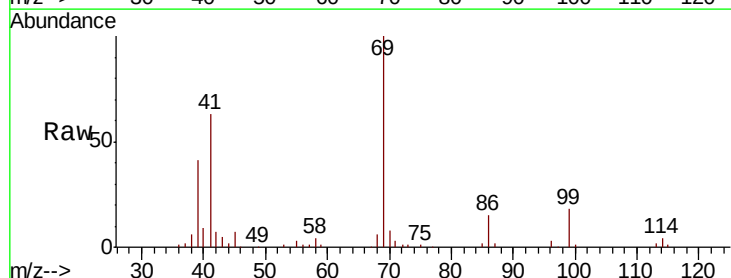
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

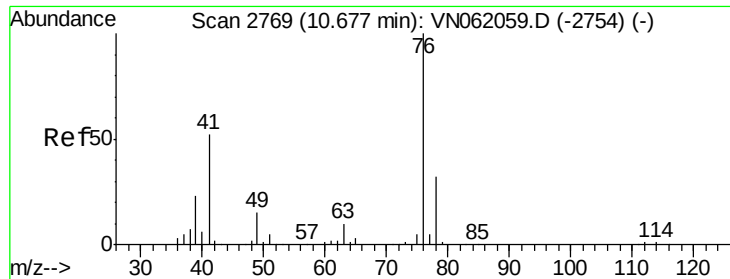
Tot Ion:	97	Resp:	56814
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.2	102.2
85	53.8	43.2	64.8
99	64.6	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 18.845 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion:	69	Resp:	72735
Ion	Ratio	Lower	Upper
69	100		
41	60.4	46.6	70.0
39	39.3	31.0	46.4

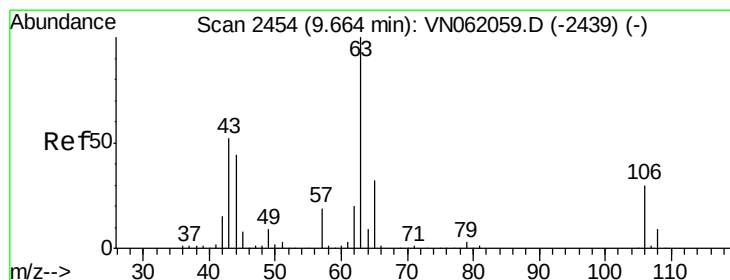
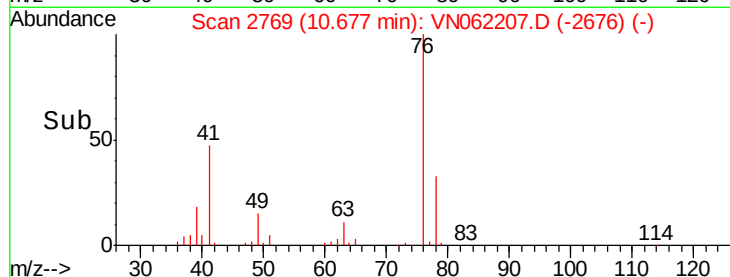
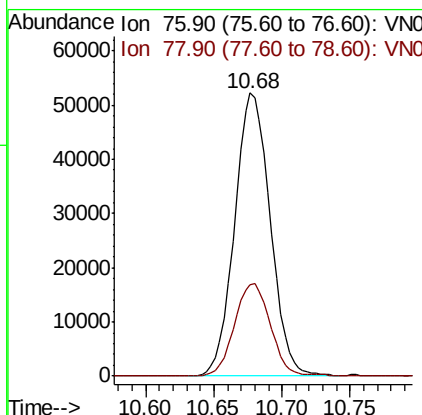
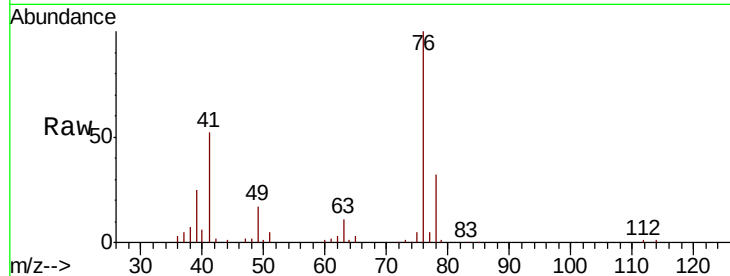




#57
 1,3-Dichloropropane
 Concen: 19.015 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

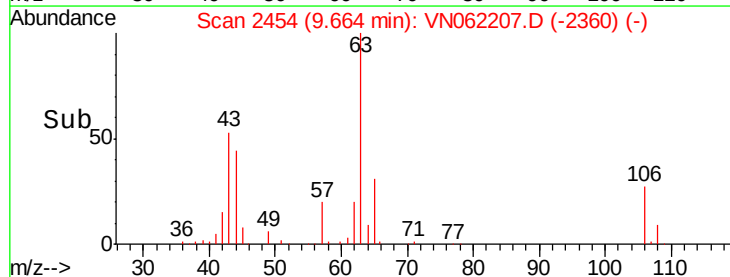
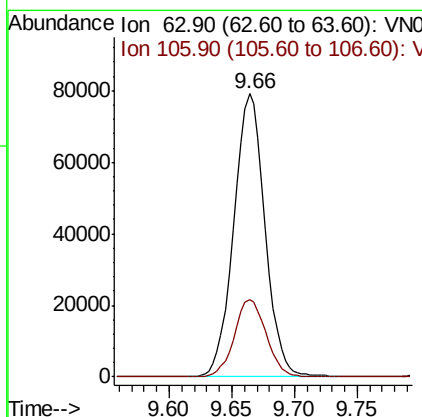
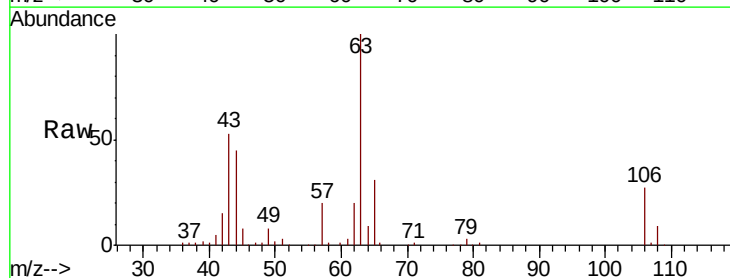
Instrument :
 MSVOA_N
 ClientSampled :
 VN0629WBS02

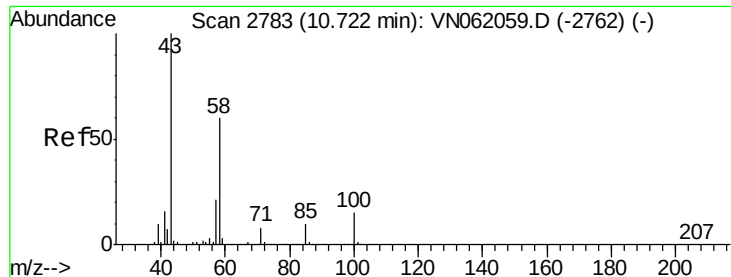
Tot Ion: 76 Resp: 94654
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.065 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion: 63 Resp: 136929
 Ion Ratio Lower Upper
 63 100
 106 27.8 23.2 34.8

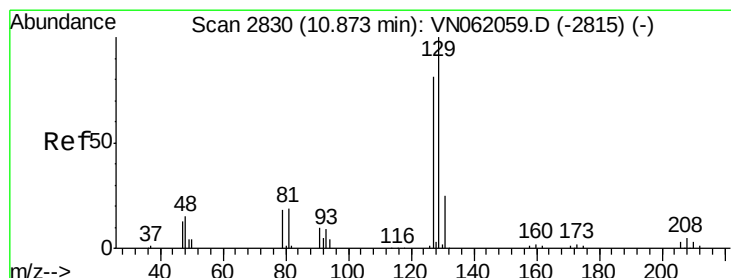
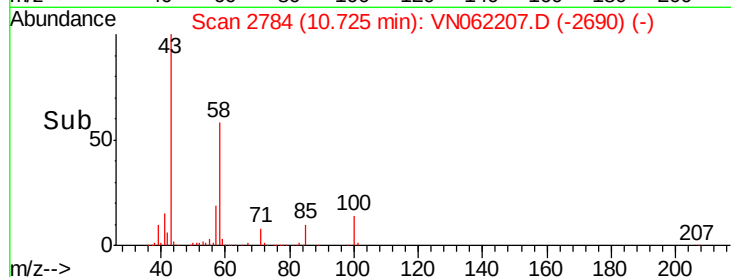
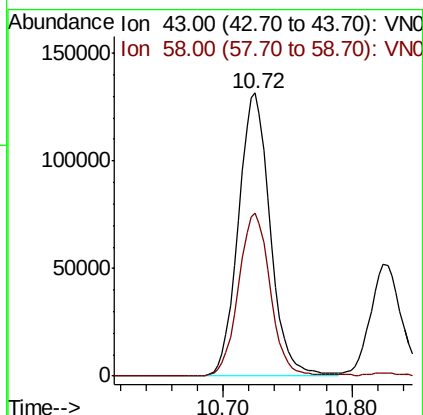
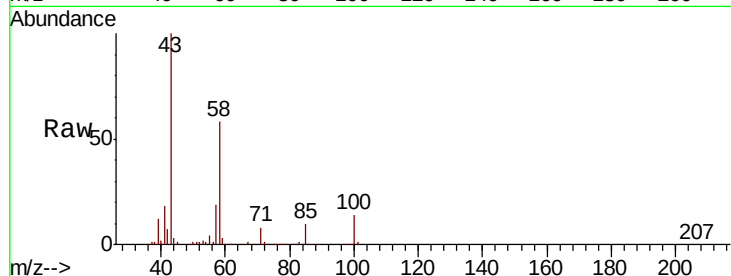




#59
2-Hexanone
Concen: 100.297 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

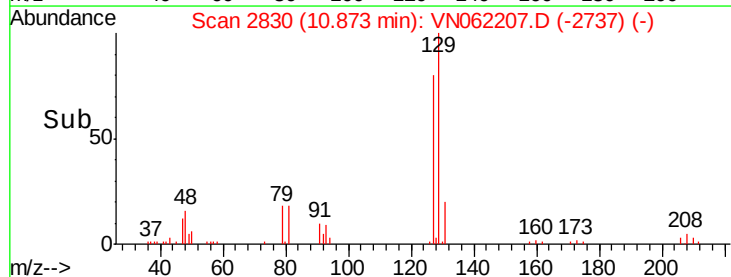
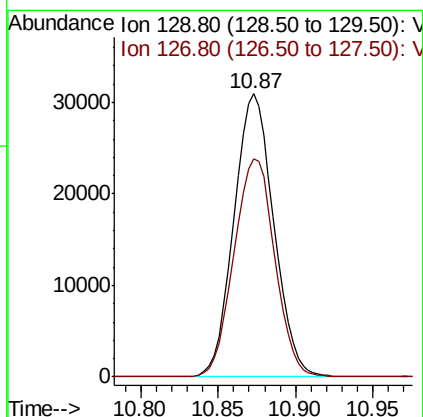
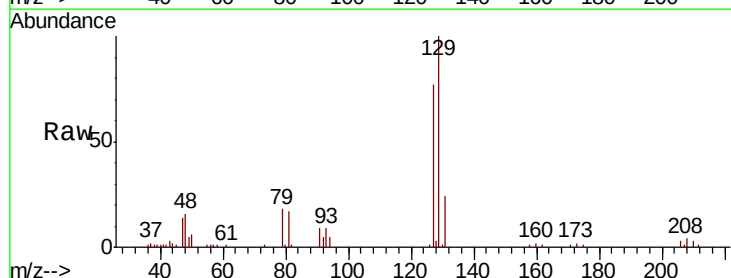
Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

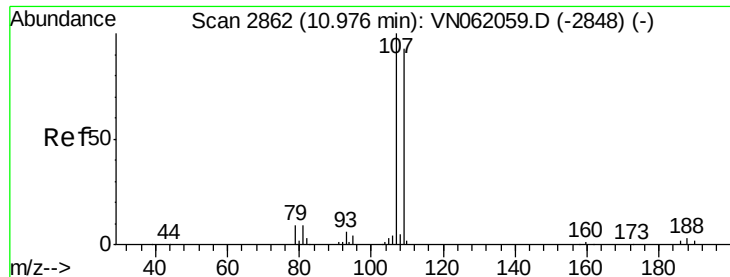
Tot Ion: 43 Resp: 225965
Ion Ratio Lower Upper
43 100
58 57.8 29.5 88.5



#60
Dibromochloromethane
Concen: 18.065 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion: 129 Resp: 55313
Ion Ratio Lower Upper
129 100
127 79.0 39.5 118.5





#61

1,2-Dibromoethane

Concen: 18.245 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

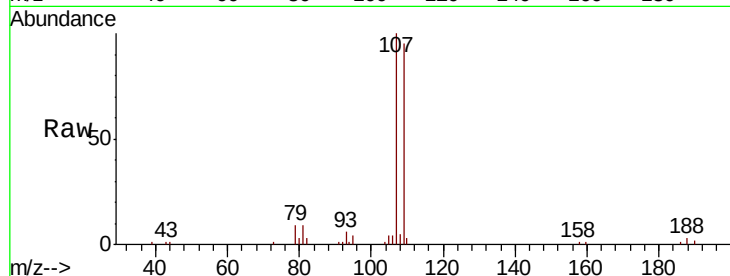
VN0629WBS02

Tot Ion:107 Resp: 54216

Ion Ratio Lower Upper

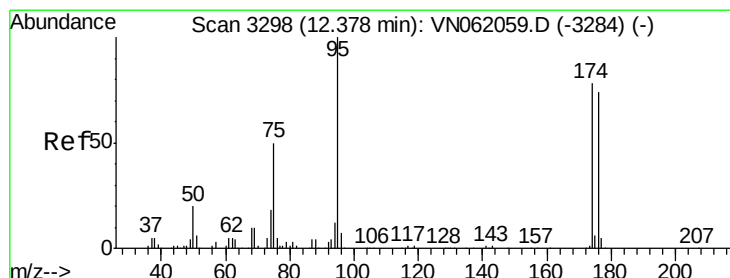
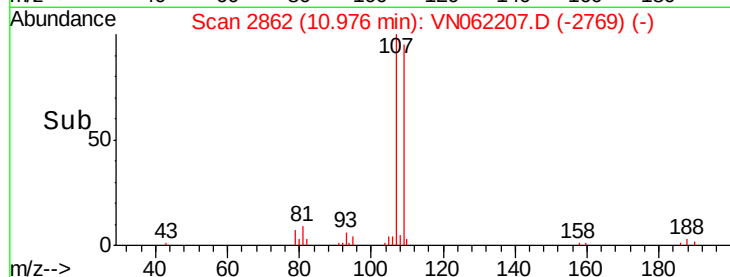
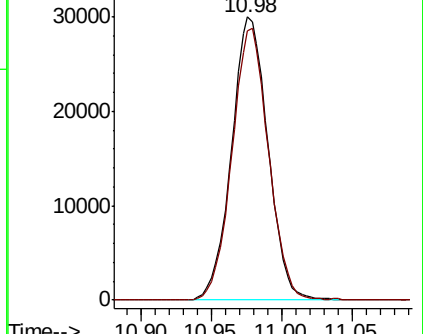
107 100

109 96.0 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.285 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

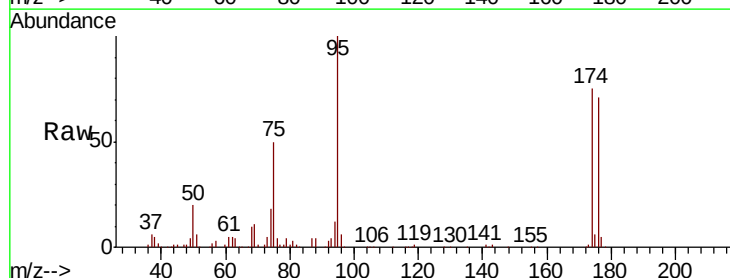
Tgt Ion: 95 Resp: 171478

Ion Ratio Lower Upper

95 100

174 73.8 0.0 154.8

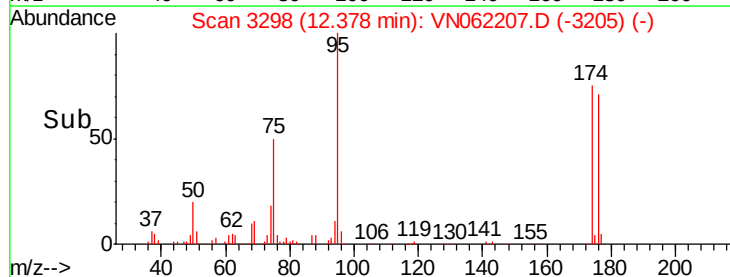
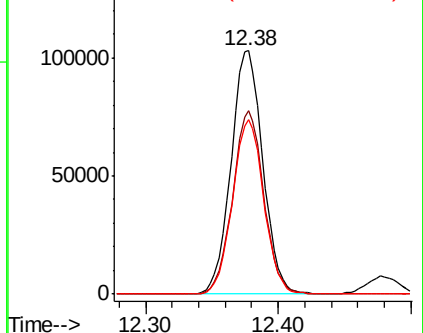
176 70.4 0.0 147.4

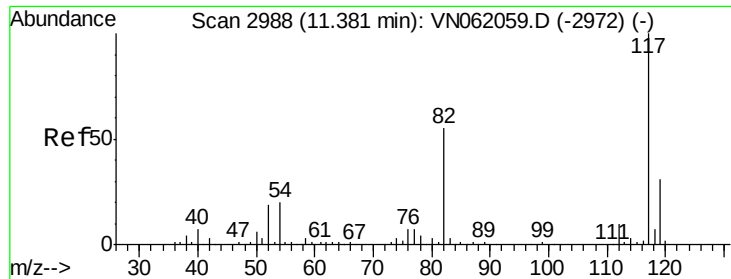


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

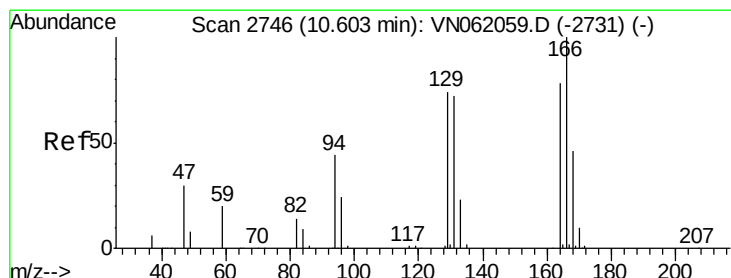
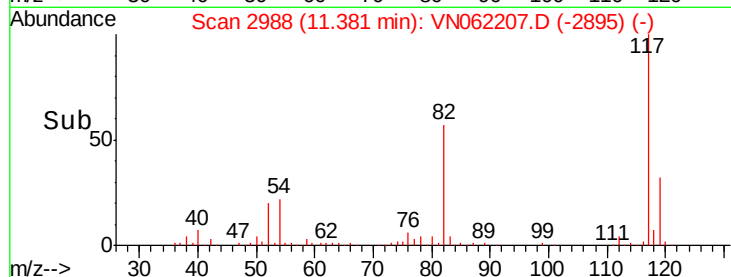
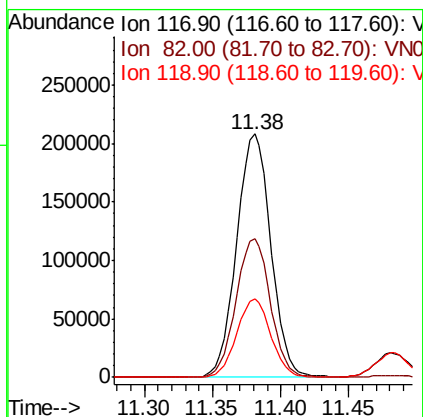
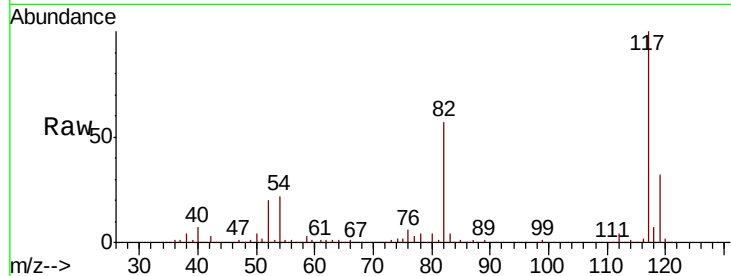




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

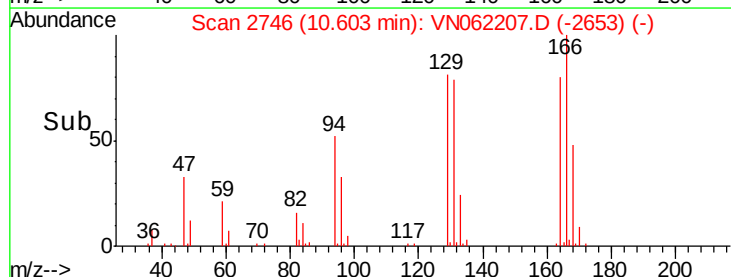
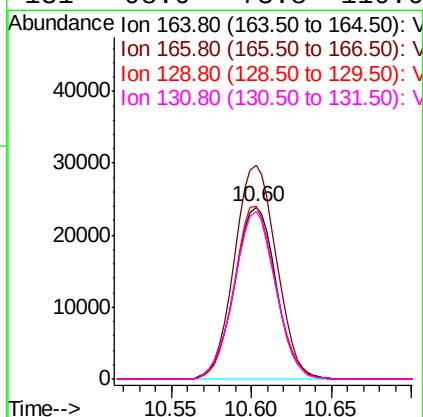
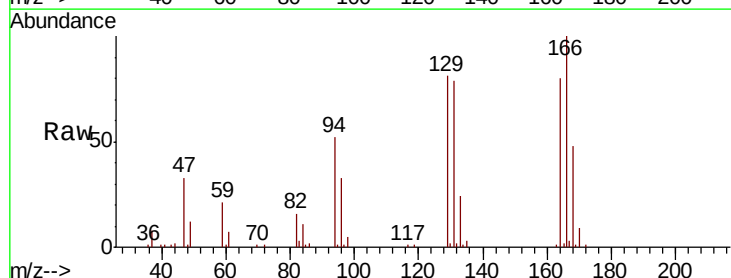
Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

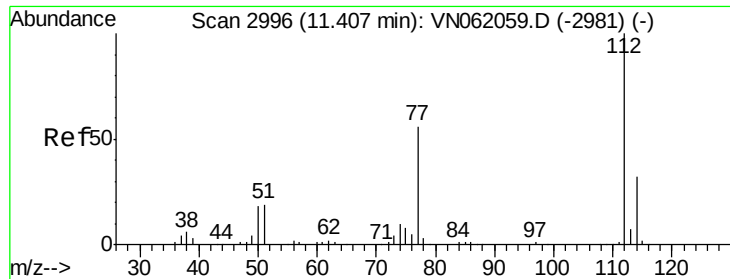
Tot Ion:117 Resp: 363414
Ion Ratio Lower Upper
117 100
82 56.7 43.8 65.8
119 32.2 25.2 37.8



#64
Tetrachloroethene
Concen: 17.071 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion:164 Resp: 42377
Ion Ratio Lower Upper
164 100
166 124.3 102.9 154.3
129 100.4 75.8 113.8
131 98.0 73.8 110.6

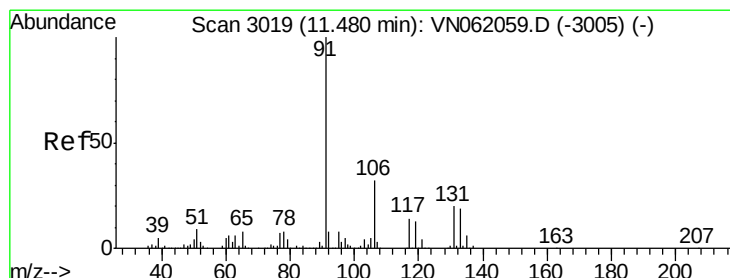
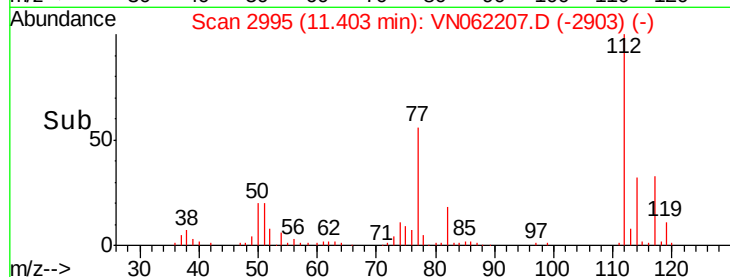
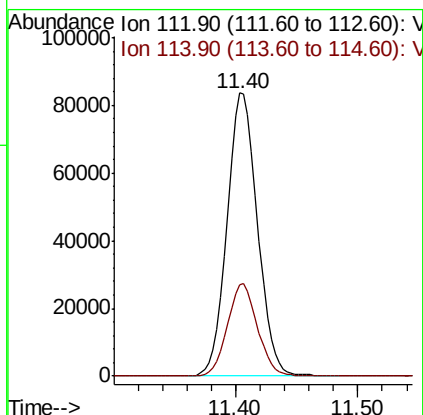
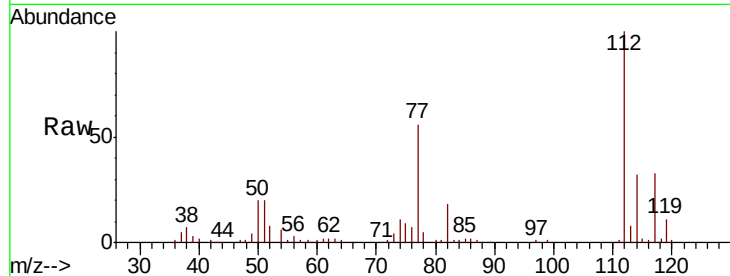




#65
Chlorobenzene
Concen: 18.249 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

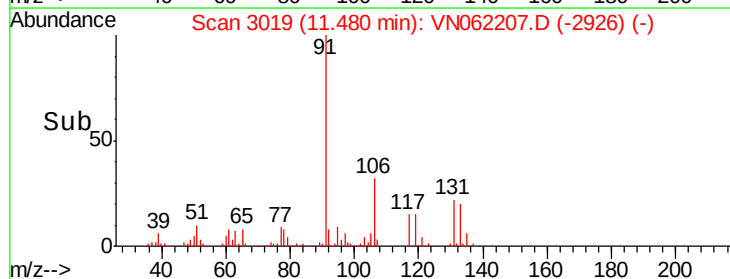
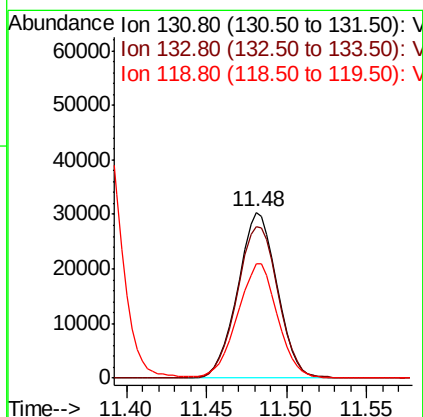
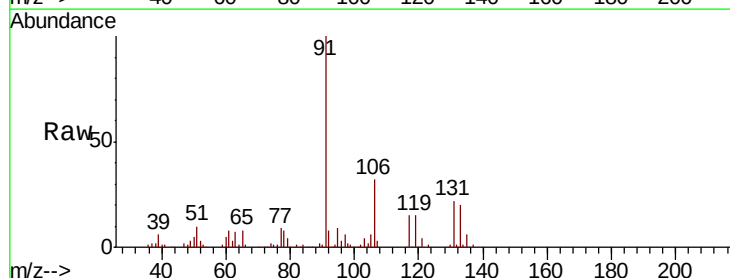
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

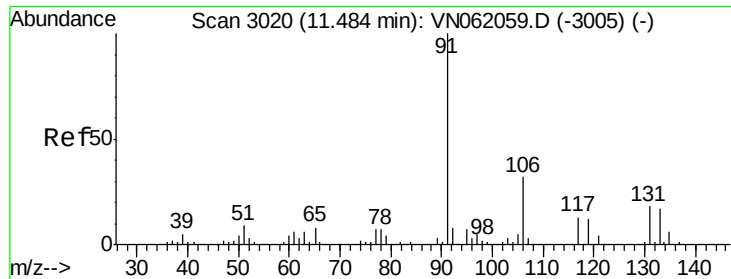
Tot Ion:112 Resp: 145641
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.483 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion:131 Resp: 51006
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 70.5 34.4 103.3

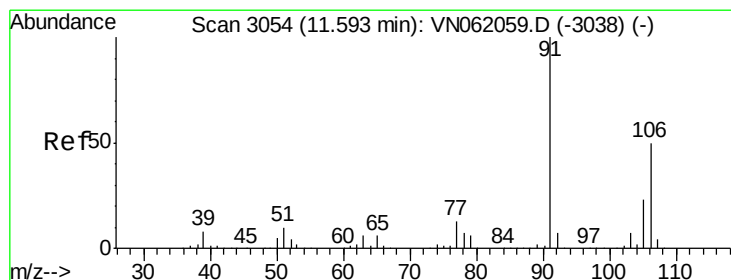
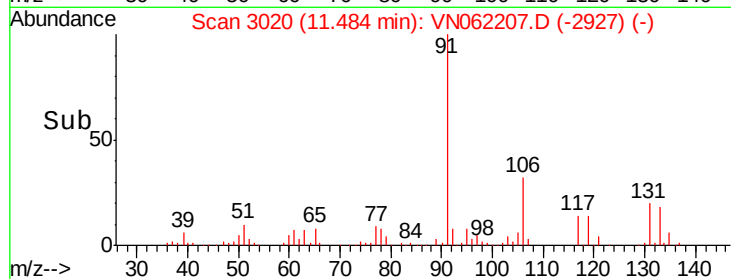
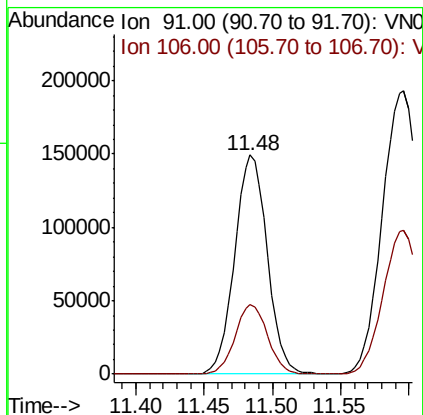
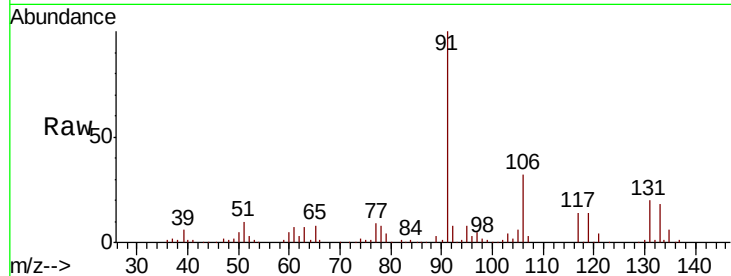




#67
Ethyl Benzene
Concen: 18.386 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

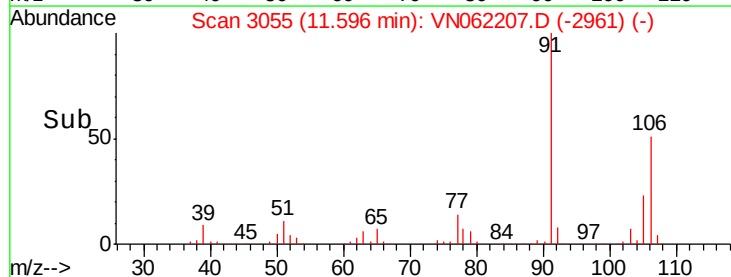
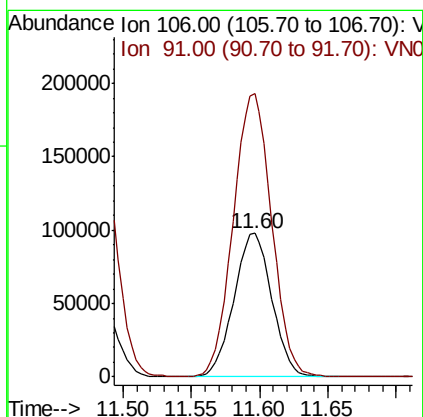
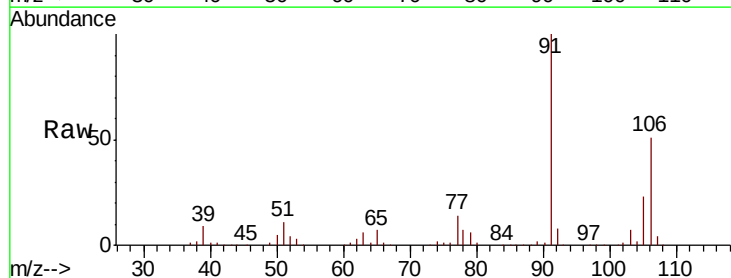
Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

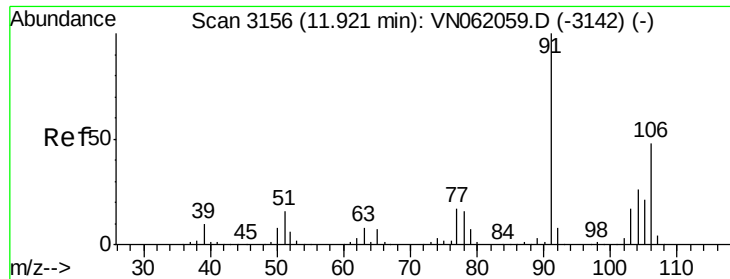
Tot Ion: 91 Resp: 247810
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9



#68
m/p-Xylenes
Concen: 36.123 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion: 106 Resp: 188313
Ion Ratio Lower Upper
106 100
91 199.8 157.8 236.8

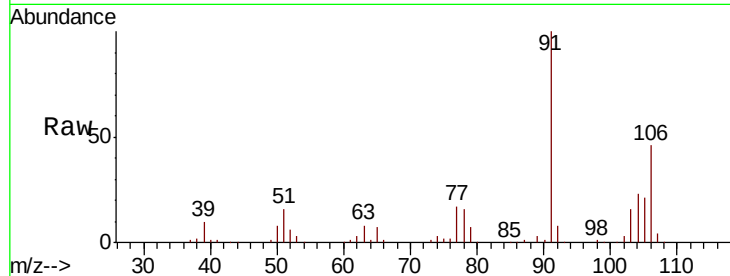




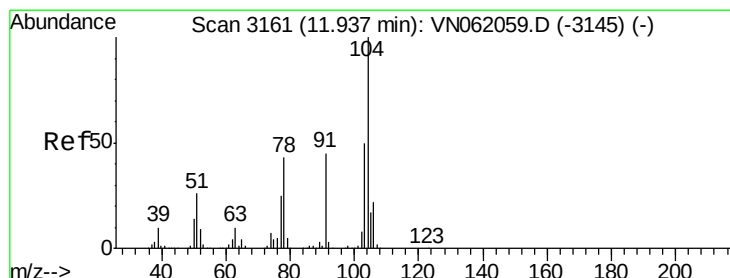
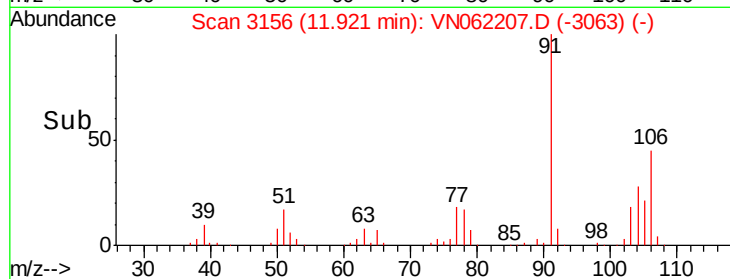
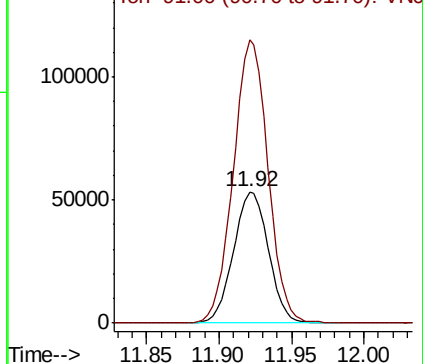
#69
o-Xylene
Concen: 18.174 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampled :
VN0629WBS02

Tot Ion:106 Resp: 89392
Ion Ratio Lower Upper
106 100
91 214.0 104.0 311.9

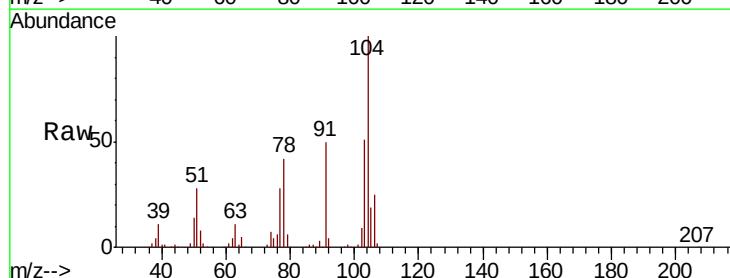


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

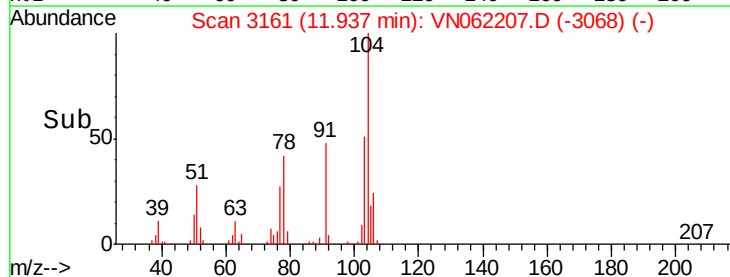
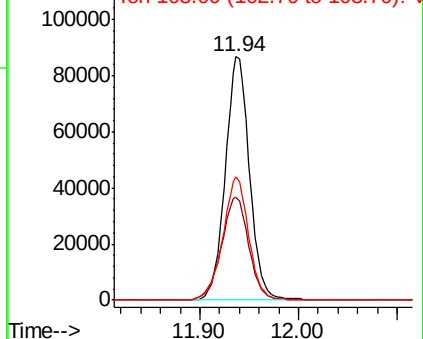


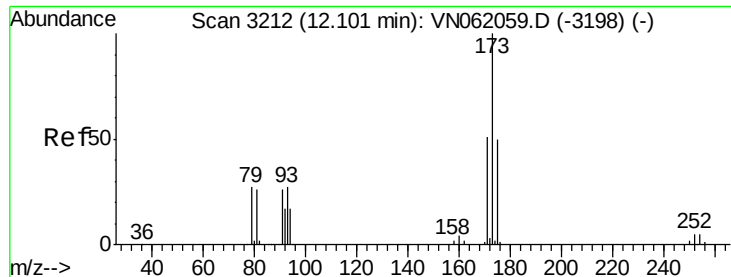
#70
Styrene
Concen: 18.209 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion:104 Resp: 149371
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 53.6 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.873 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS02

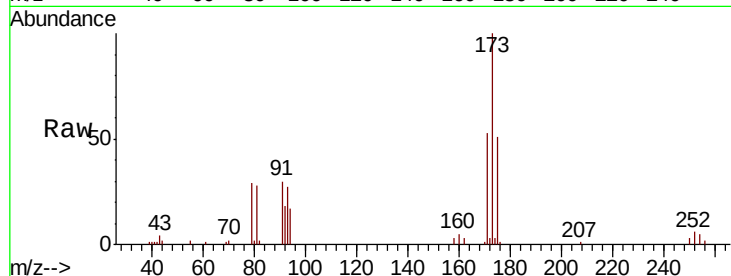
Tot Ion:173 Resp: 35069

Ion Ratio Lower Upper

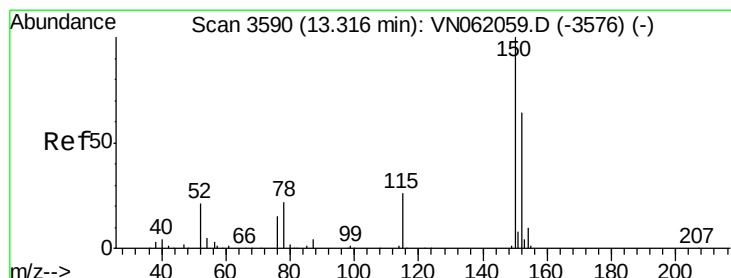
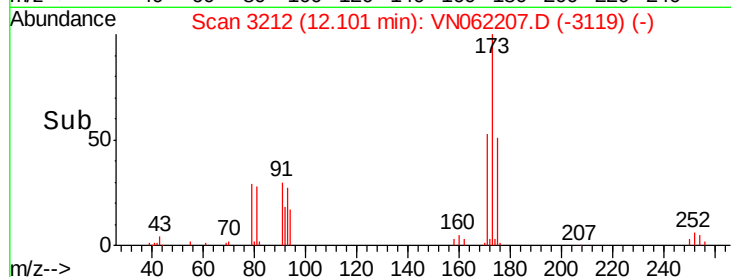
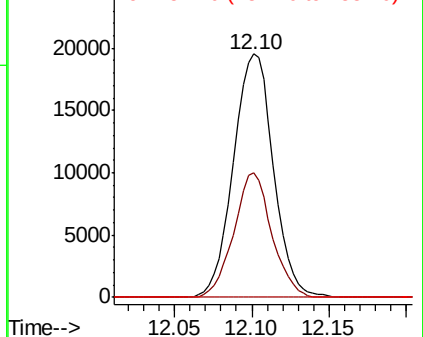
173 100

175 48.4 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# 3591

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

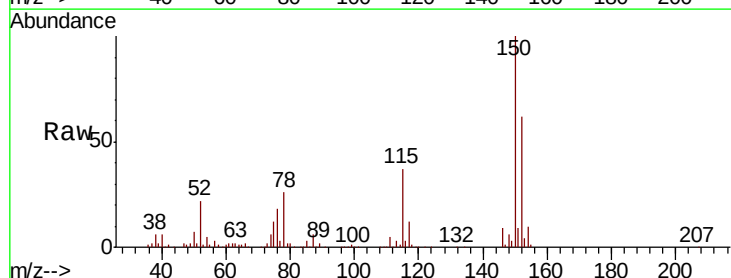
Tgt Ion:152 Resp: 158467

Ion Ratio Lower Upper

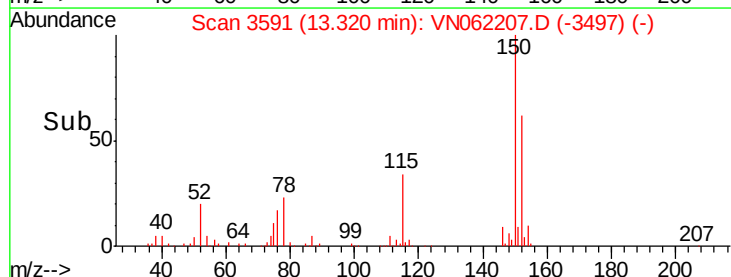
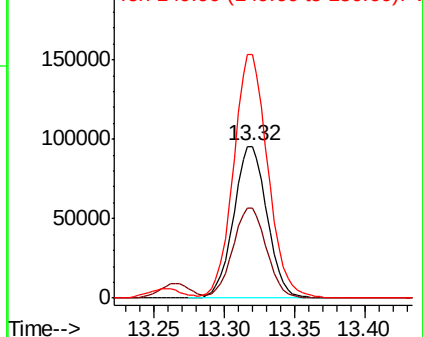
152 100

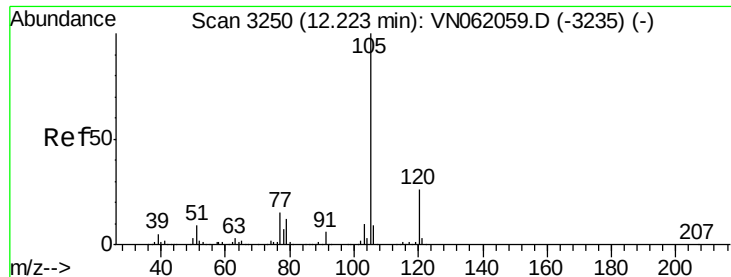
115 60.1 29.5 88.5

150 164.5 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: 19.266 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

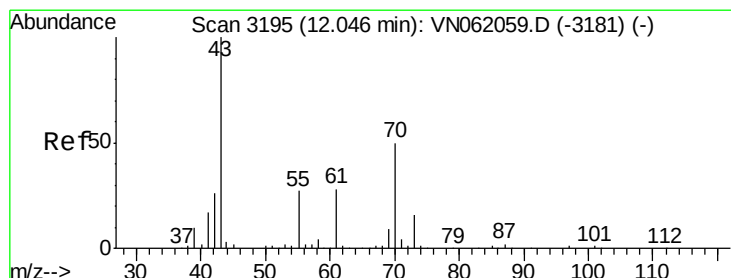
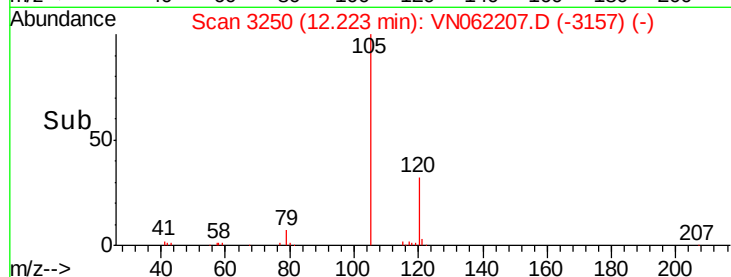
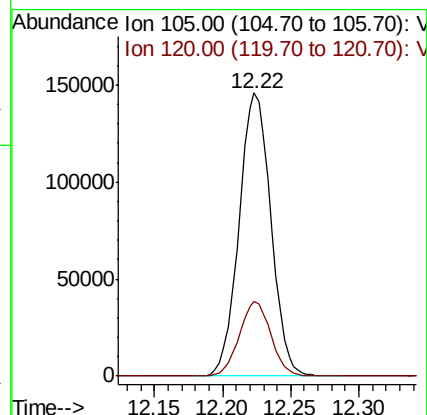
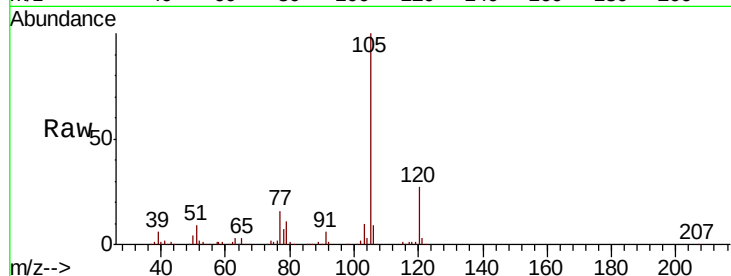
VN0629WBS02

Tot Ion:105 Resp: 236325

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 20.015 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Tgt Ion: 43 Resp: 80678

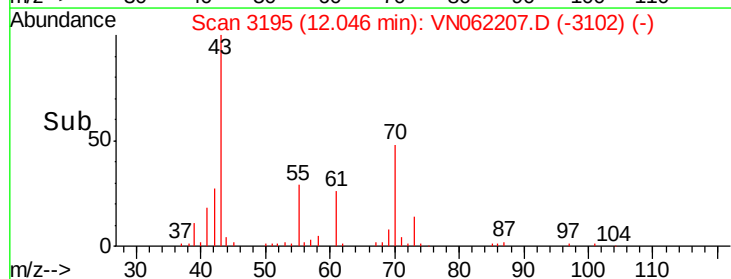
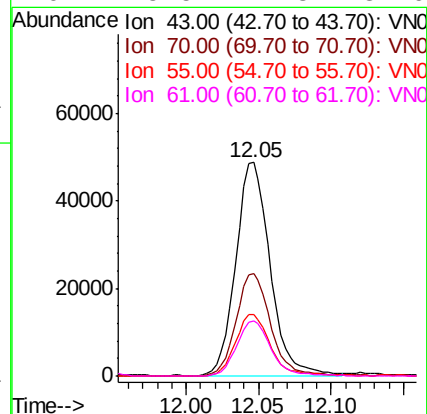
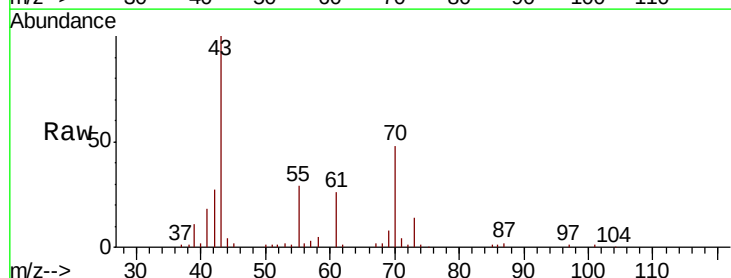
Ion Ratio Lower Upper

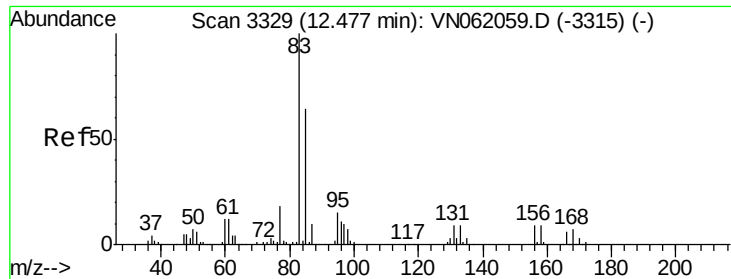
43 100

70 48.0 39.4 59.2

55 29.1 21.7 32.5

61 25.5 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.979 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

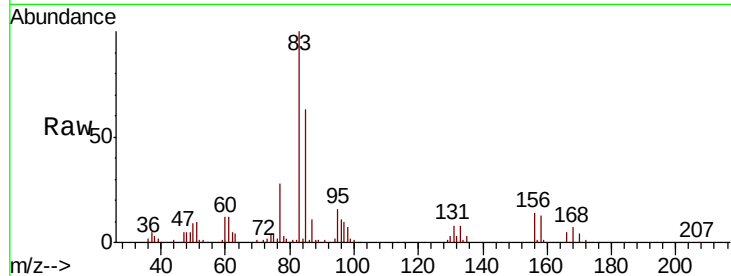
Tot Ion: 83 Resp: 81556

Ion Ratio Lower Upper

83 100

131 8.9 4.8 14.4

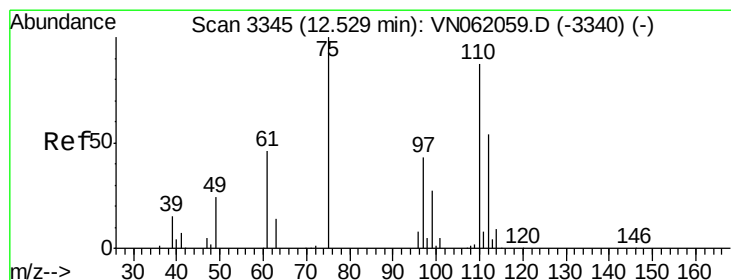
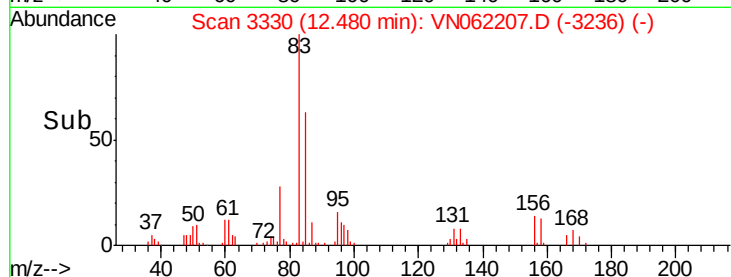
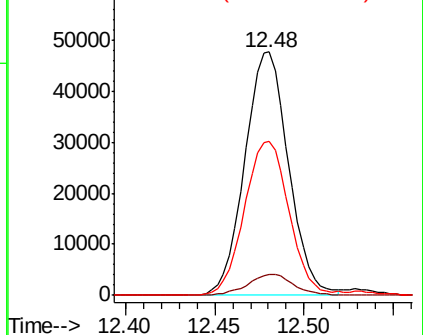
85 64.8 32.4 97.0



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: 26.433 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062207.D

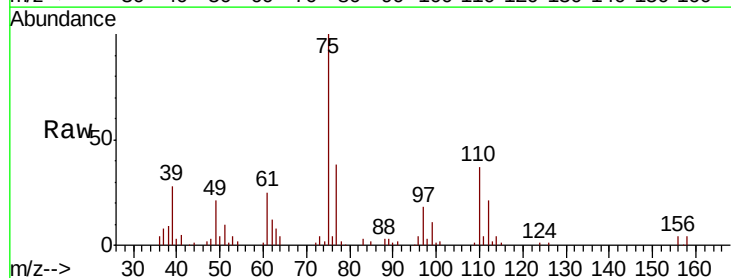
Acq: 30 Jun 2020 00:09

Tgt Ion: 75 Resp: 98606

Ion Ratio Lower Upper

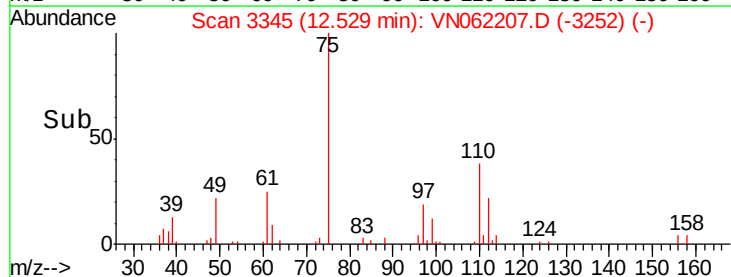
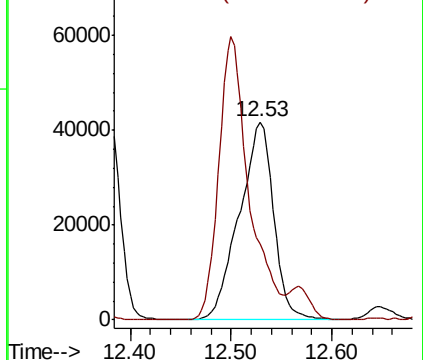
75 100

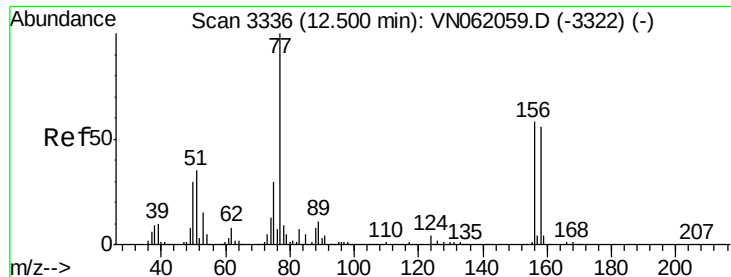
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.855 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampled :

VN0629WBS02

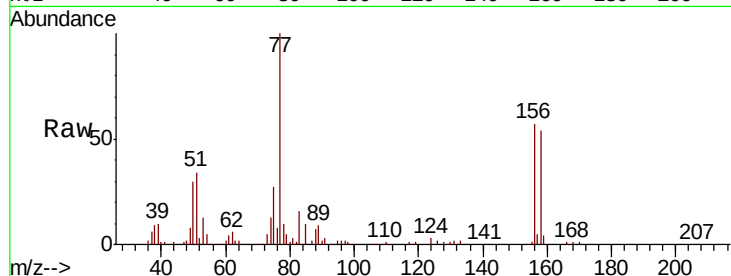
Tot Ion:156 Resp: 57420

Ion Ratio Lower Upper

156 100

77 217.0 104.6 313.8

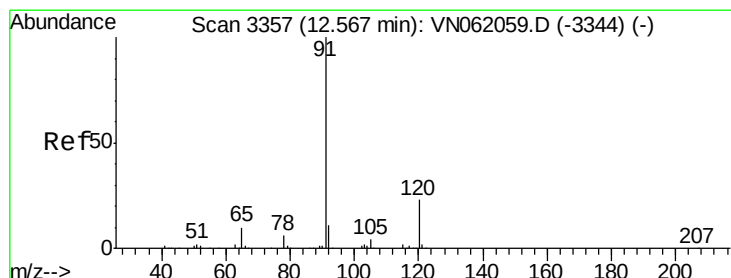
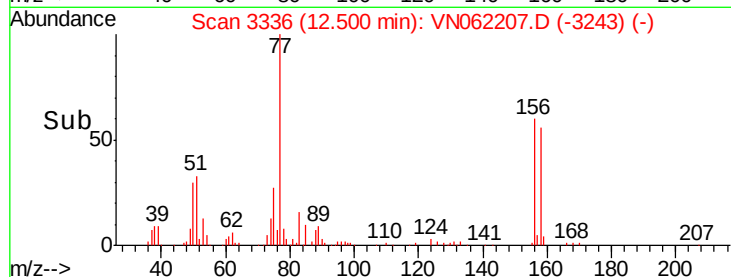
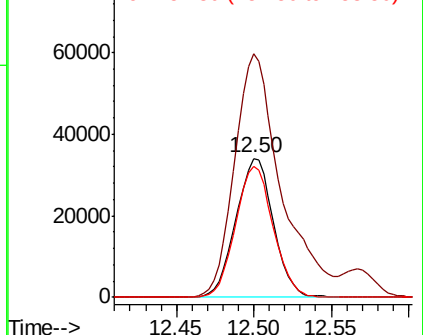
158 94.2 48.0 144.0



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: 19.600 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062207.D

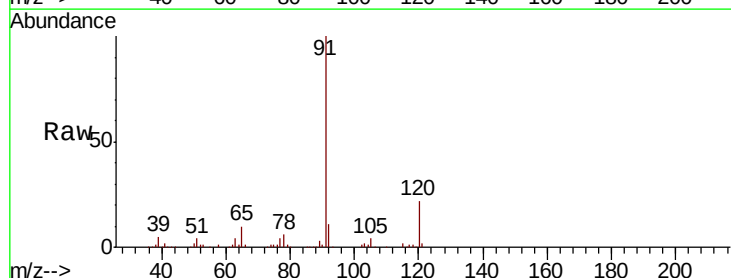
Acq: 30 Jun 2020 00:09

Tgt Ion: 91 Resp: 275013

Ion Ratio Lower Upper

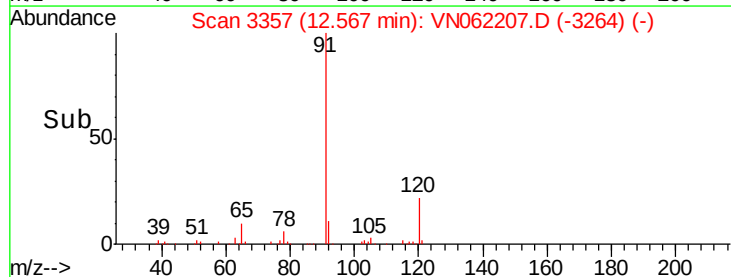
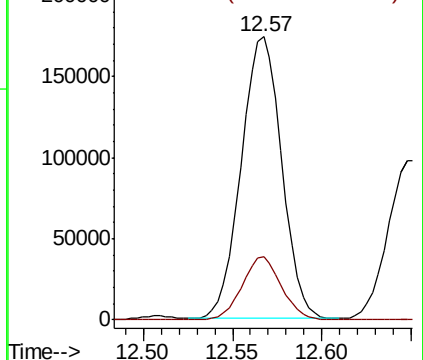
91 100

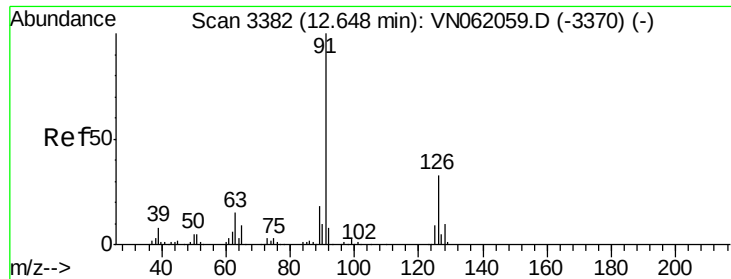
120 21.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.392 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampled :

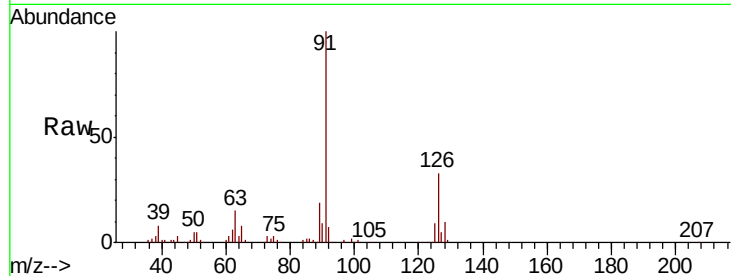
VN0629WBS02

Tot Ion: 91 Resp: 164494

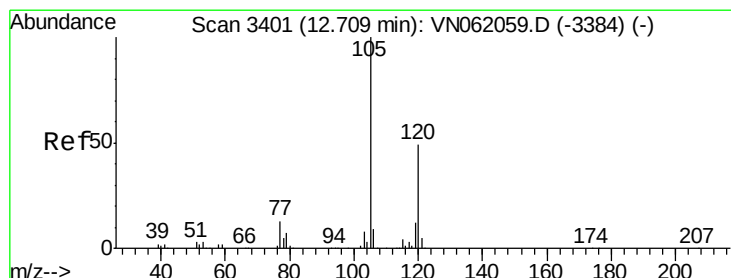
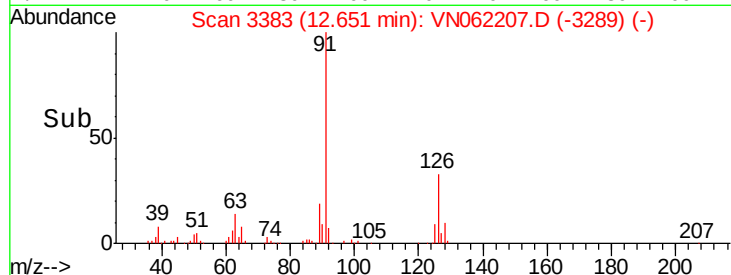
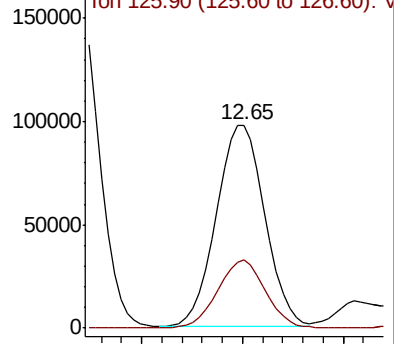
Ion Ratio Lower Upper

91 100

126 33.2 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN062207.D (-3383) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.754 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062207.D

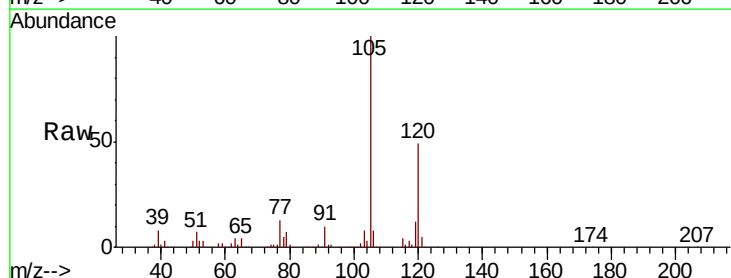
Acq: 30 Jun 2020 00:09

Tgt Ion:105 Resp: 196432

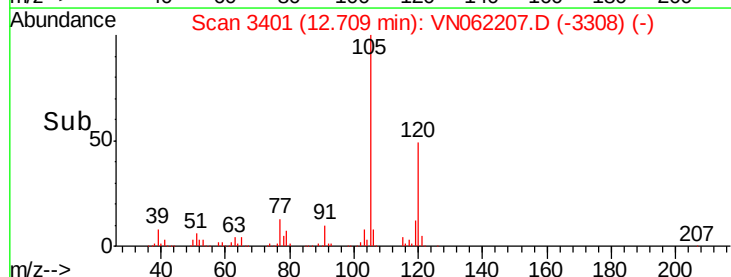
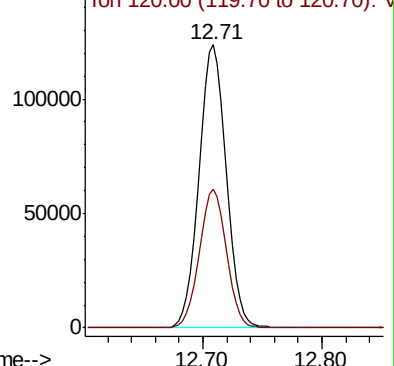
Ion Ratio Lower Upper

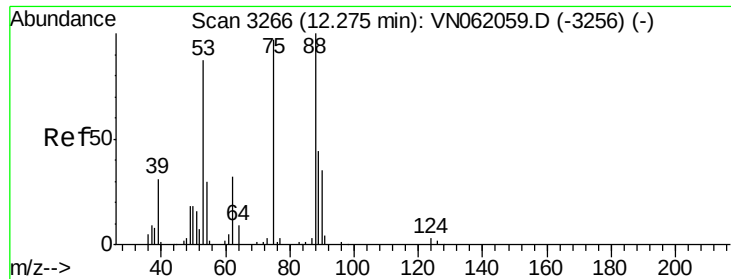
105 100

120 48.6 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062207.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.724 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

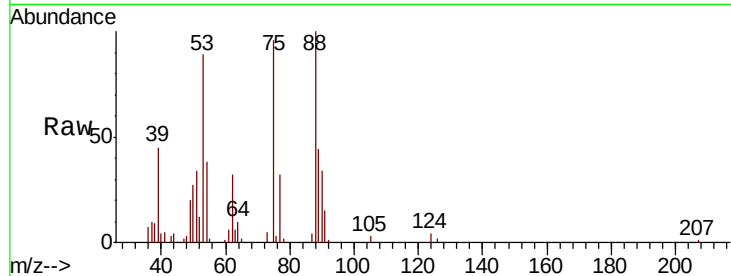
Tot Ion: 75 Resp: 22641

Ion Ratio Lower Upper

75 100

53 93.4 72.0 108.0

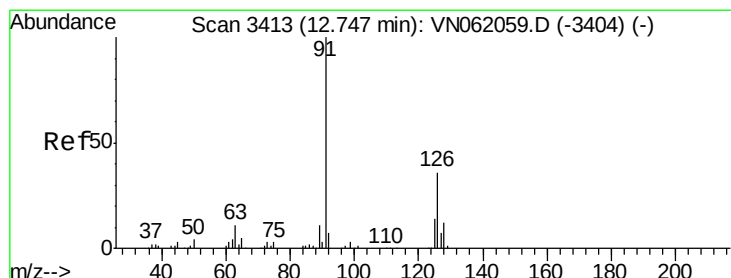
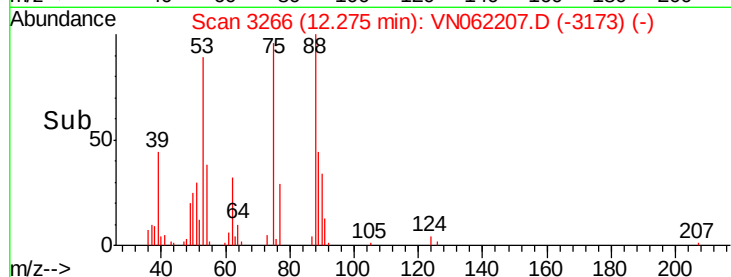
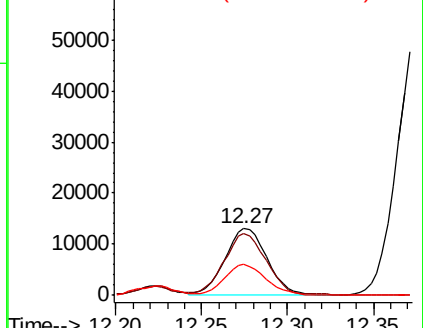
89 44.7 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.963 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062207.D

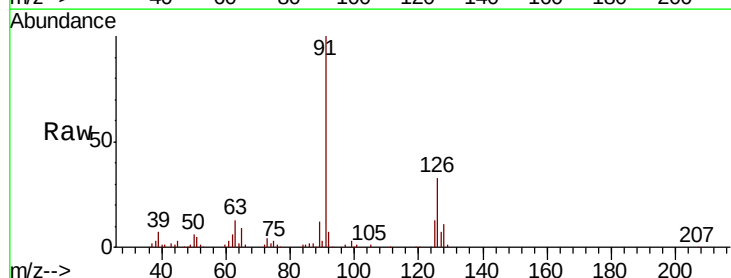
Acq: 30 Jun 2020 00:09

Tgt Ion: 91 Resp: 166339

Ion Ratio Lower Upper

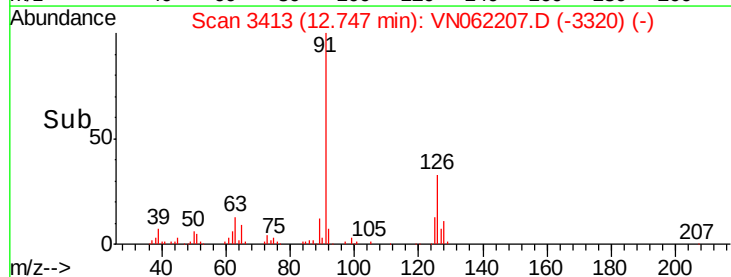
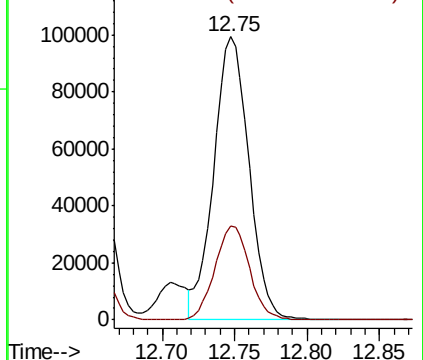
91 100

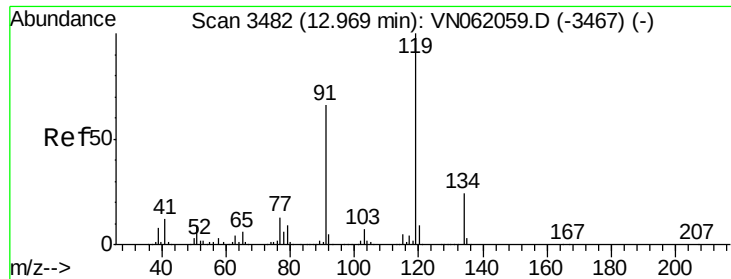
126 33.2 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

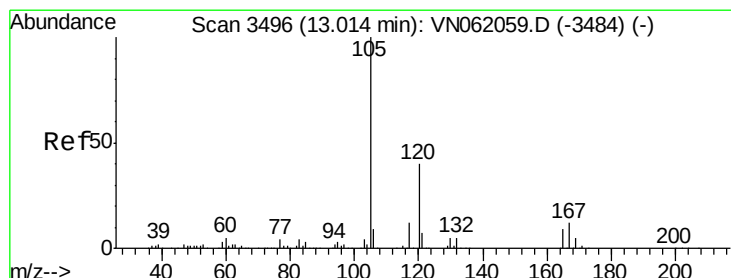
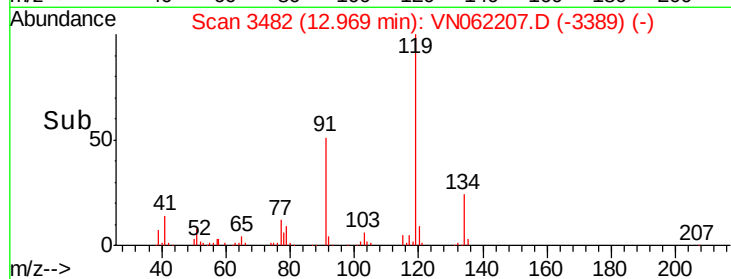
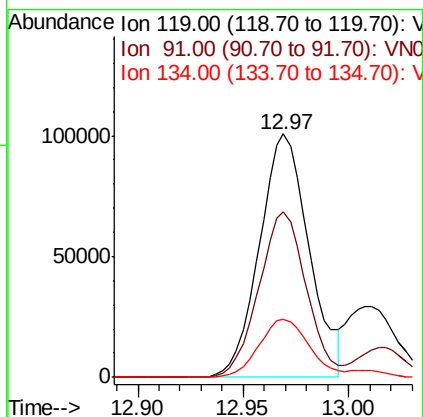
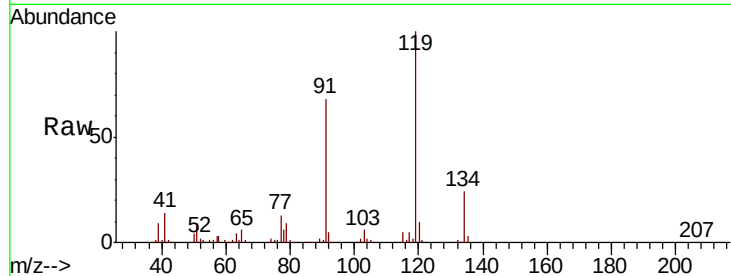




#83
 tert-Butylbenzene
 Concen: 19.360 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

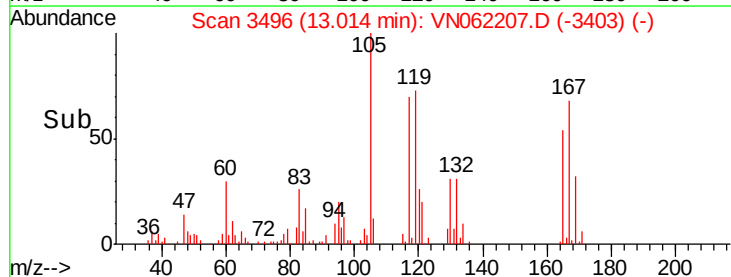
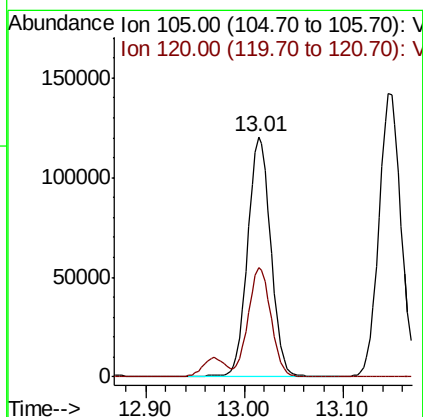
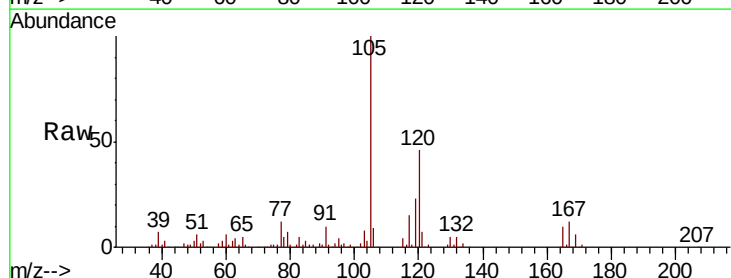
Instrument :
 MSVOA_N
 ClientSampled :
 VN0629WBS02

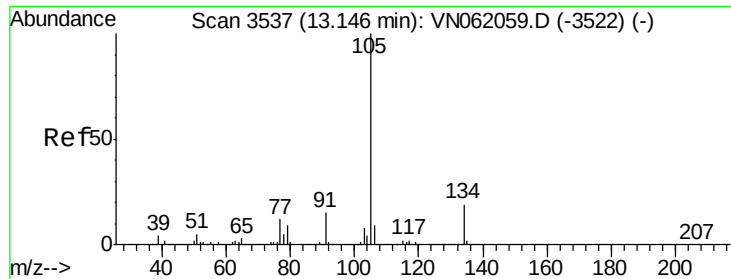
Tot Ion:119 Resp: 164752
 Ion Ratio Lower Upper
 119 100
 91 65.5 31.7 95.1
 134 24.2 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.618 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion:105 Resp: 194837
 Ion Ratio Lower Upper
 105 100
 120 44.8 23.2 69.5

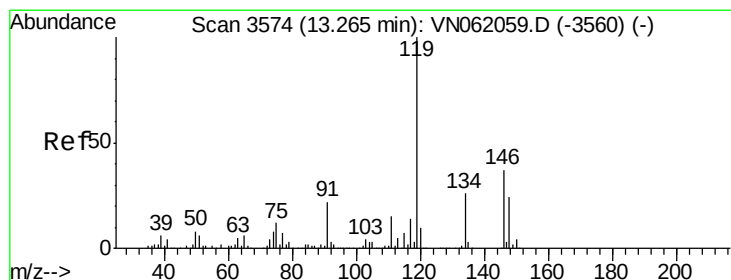
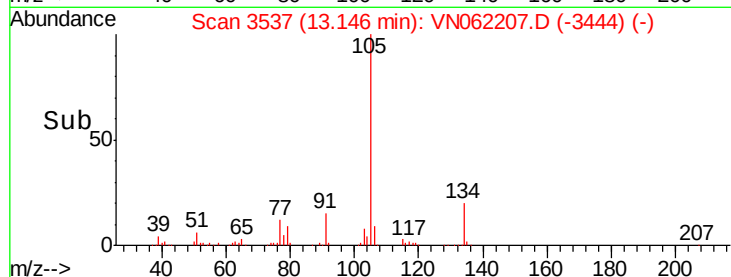
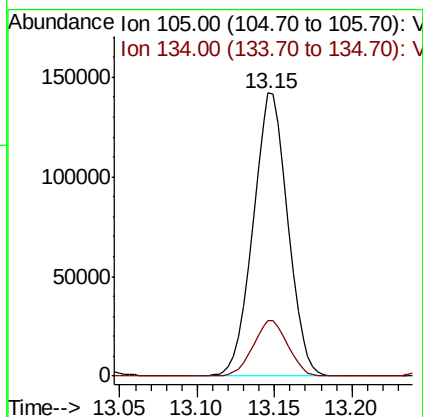
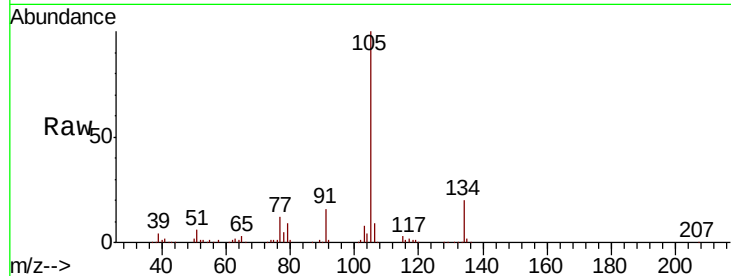




#85
 sec-Butylbenzene
 Concen: 19.654 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

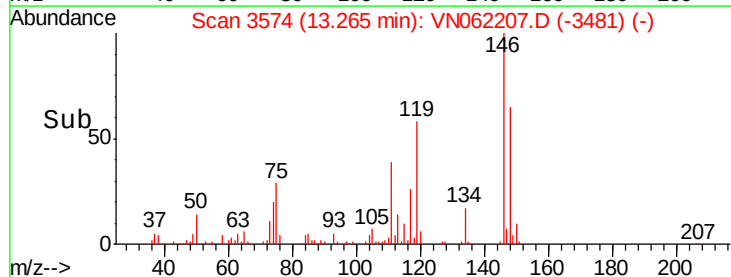
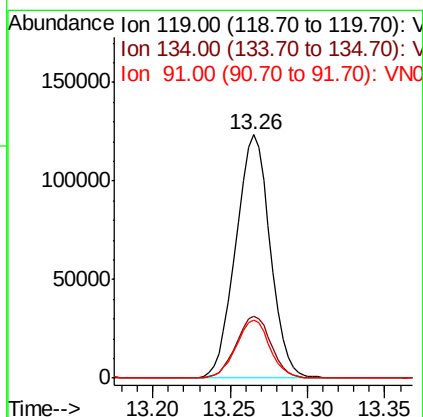
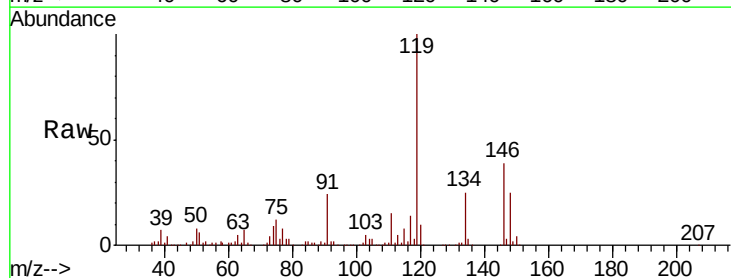
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

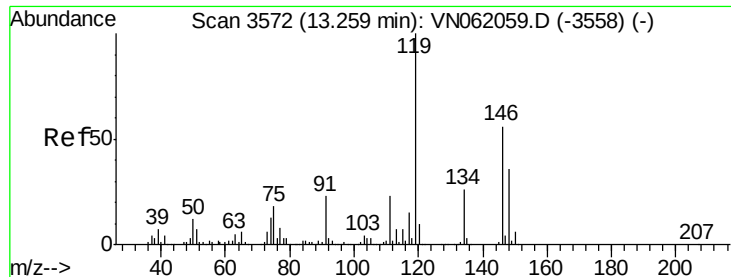
Tot Ion:105 Resp: 221010
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.371 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion:119 Resp: 190848
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 23.4 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.138 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

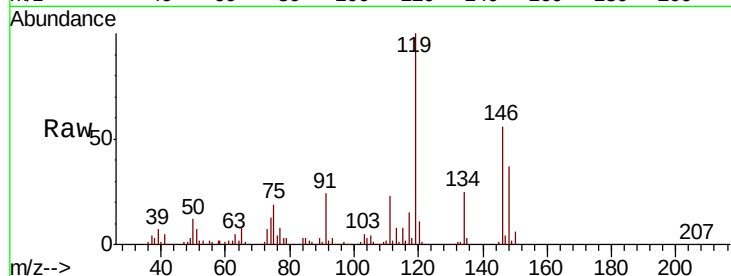
Tot Ion:146 Resp: 96995

Ion Ratio Lower Upper

146 100

111 41.4 20.3 61.0

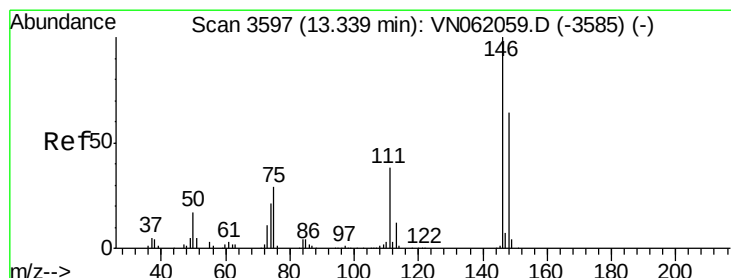
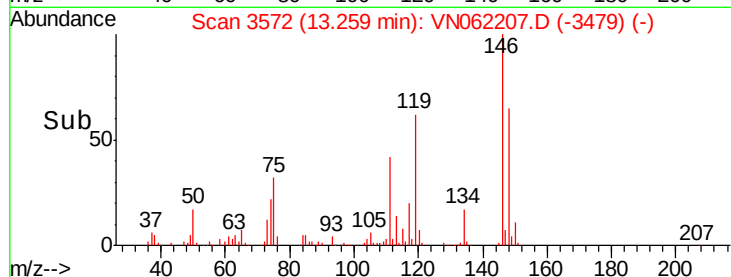
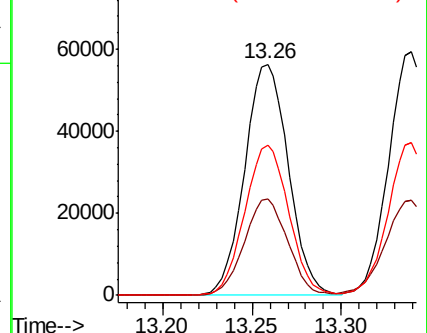
148 65.0 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.856 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

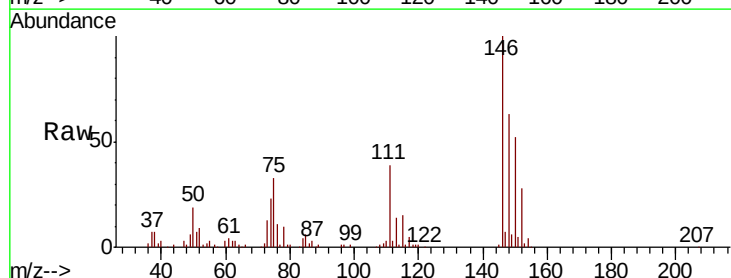
Tgt Ion:146 Resp: 98431

Ion Ratio Lower Upper

146 100

111 41.7 19.9 59.6

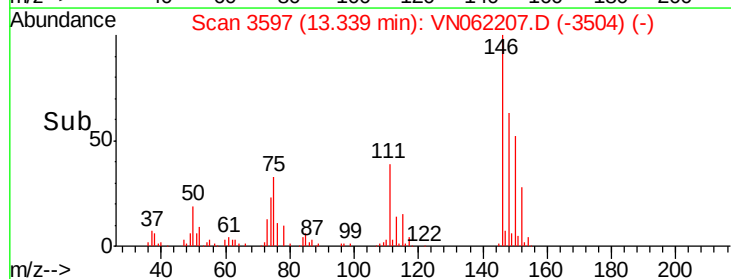
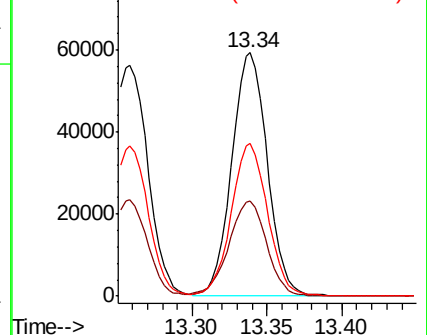
148 64.4 31.9 95.9

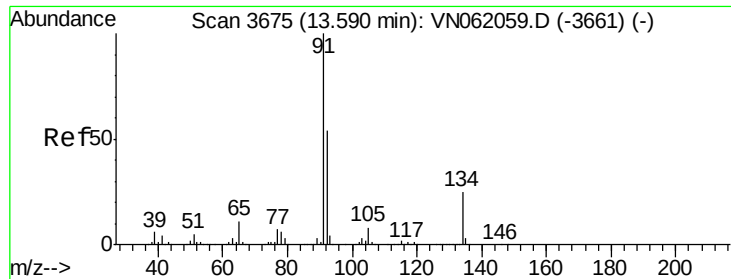


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.101 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062207.D

Acq: 30 Jun 2020 00:09

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBS02

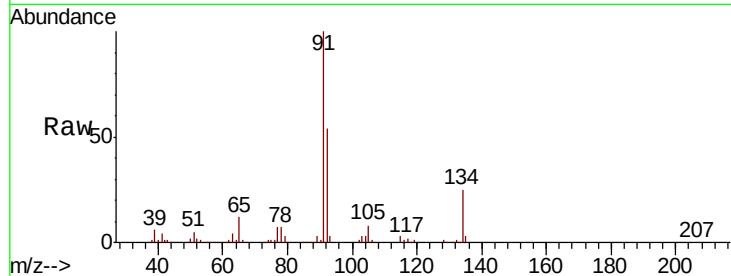
Tot Ion: 91 Resp: 148261

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

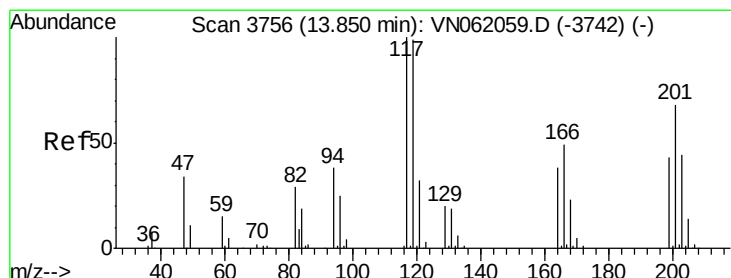
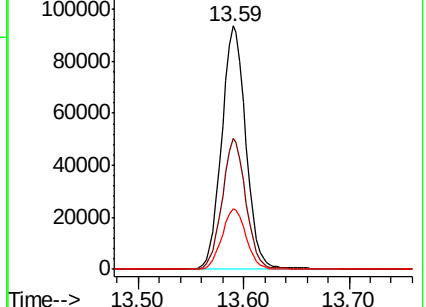
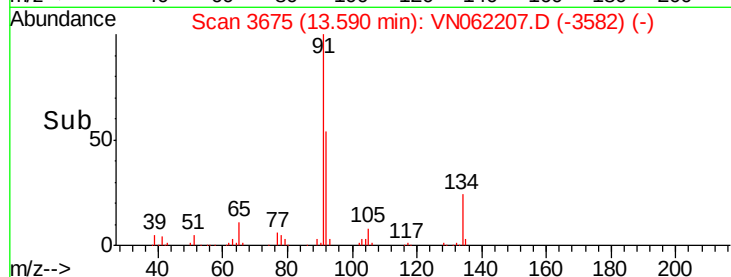
134 24.8 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062207.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062207.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062207.D (-3661) (-)



#90

Hexachloroethane

Concen: 19.743 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062207.D

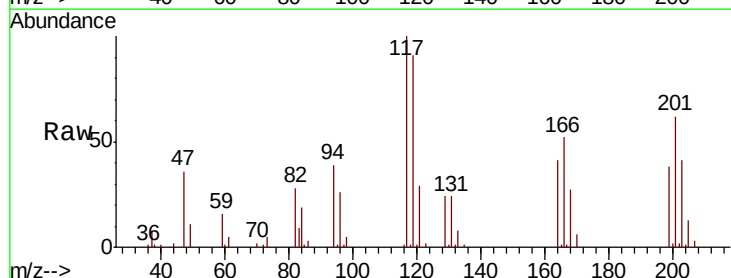
Acq: 30 Jun 2020 00:09

Tgt Ion: 117 Resp: 38163

Ion Ratio Lower Upper

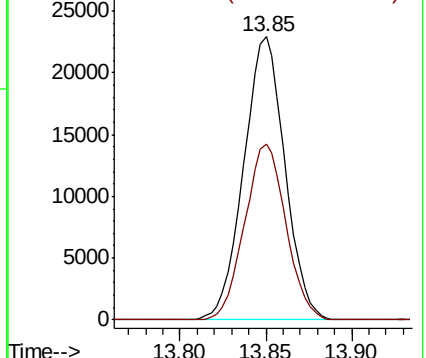
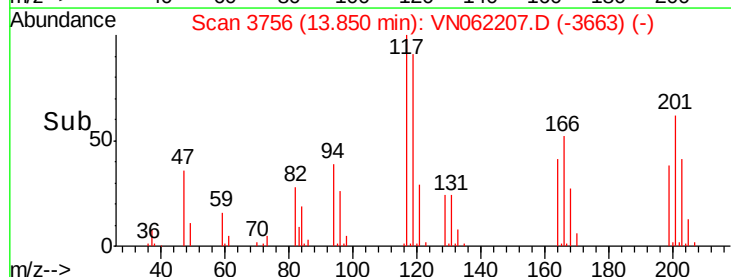
117 100

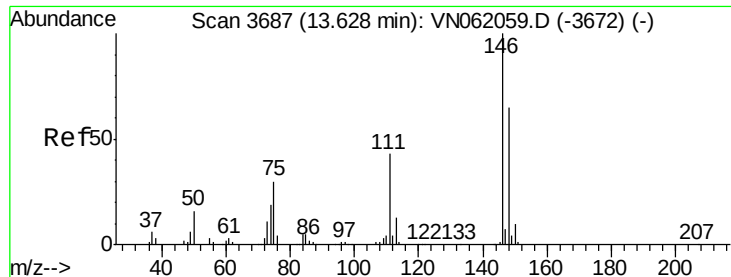
201 61.9 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062207.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062207.D (-3742) (-)

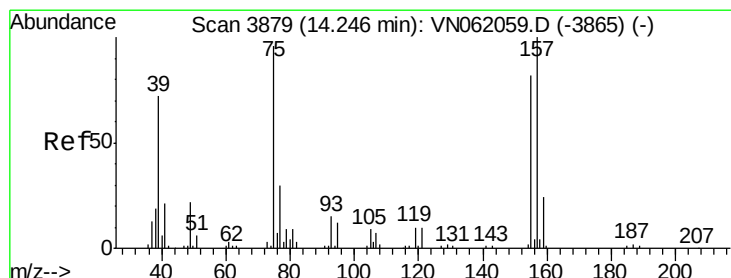
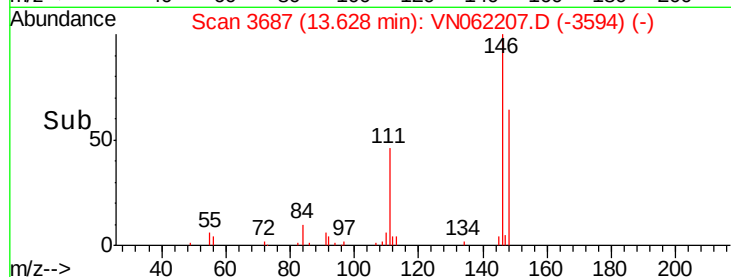
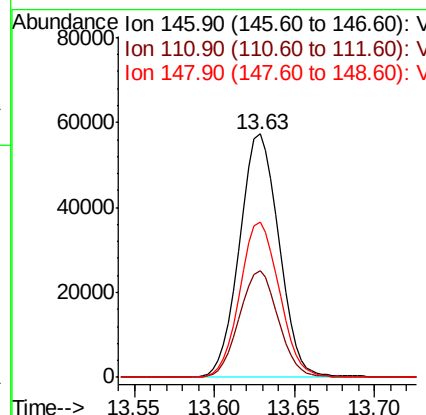
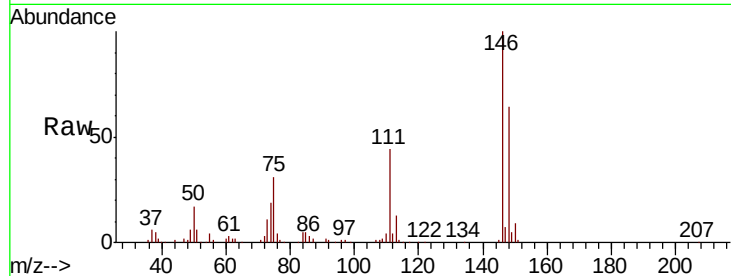




#91
 1,2-Dichlorobenzene
 Concen: 18.587 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

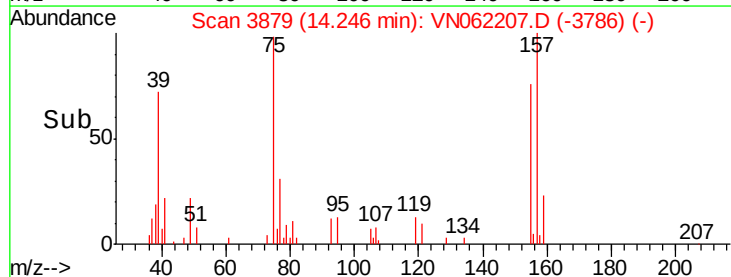
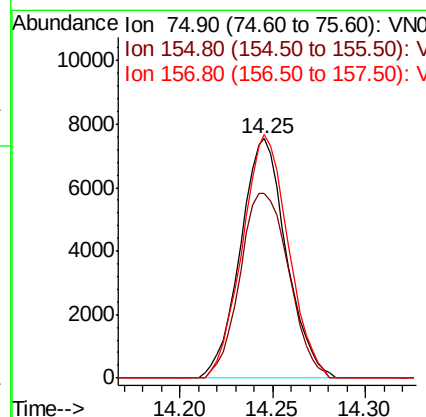
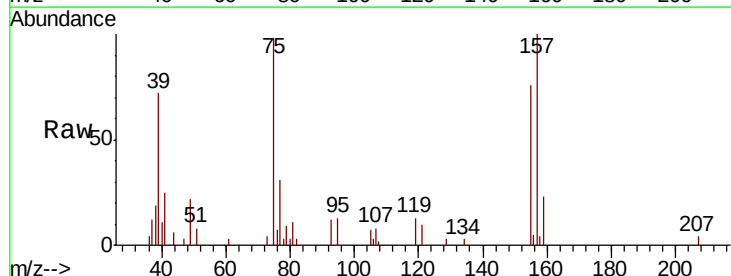
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

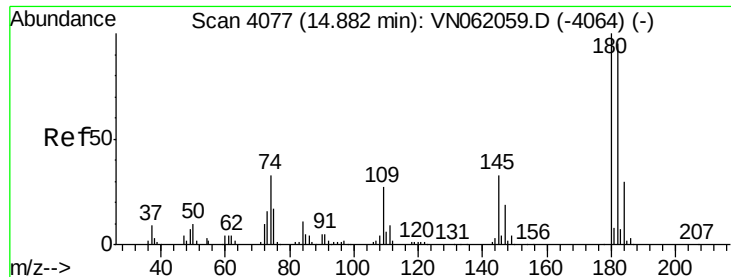
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.2	63.6
148	64.0	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.810 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.2	40.8	122.4
157	101.6	51.4	154.3

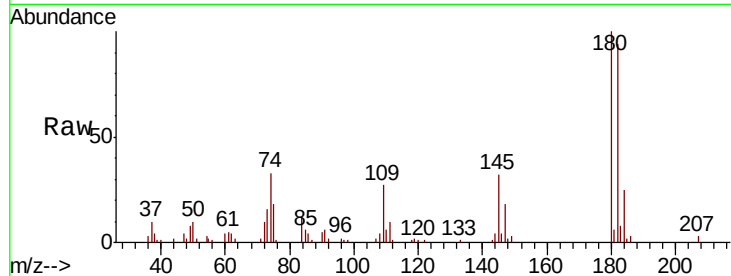




#93
 1,2,4-Trichlorobenzene
 Concen: 17.293 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.2
145	31.9	16.0	48.0

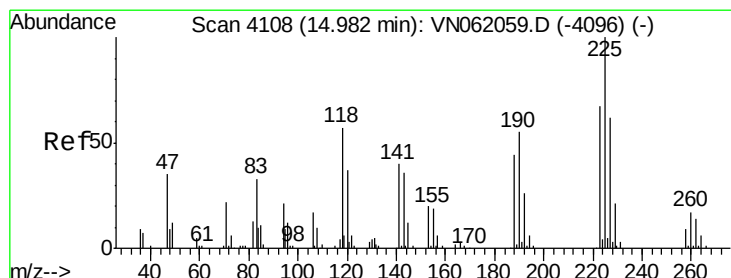
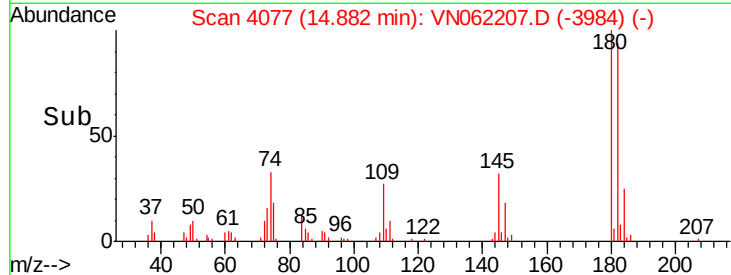
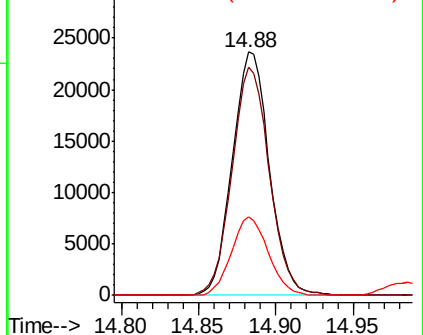


Abundance

Ion 179.80 (179.50 to 180.50): V

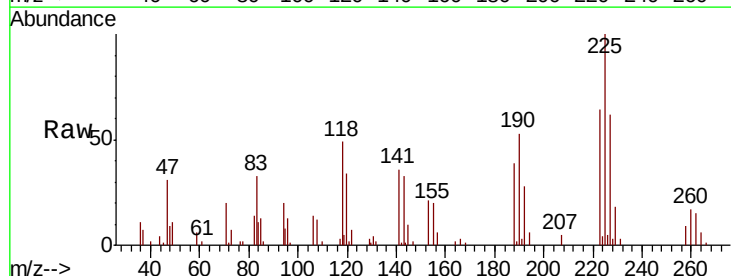
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.100 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062207.D
 Acq: 30 Jun 2020 00:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.9	98.7
227	62.5	31.3	93.8

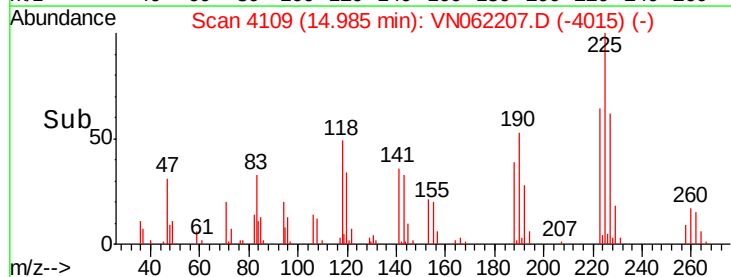
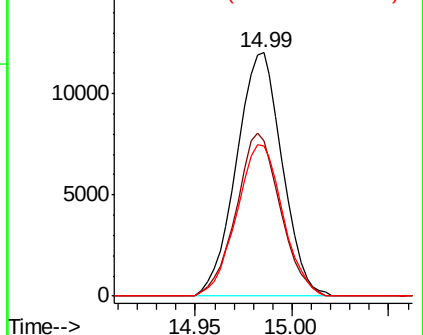


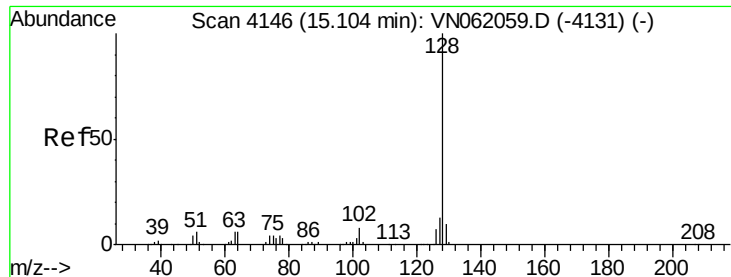
Abundance

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

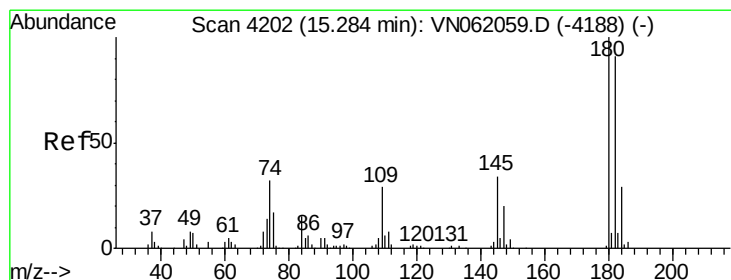
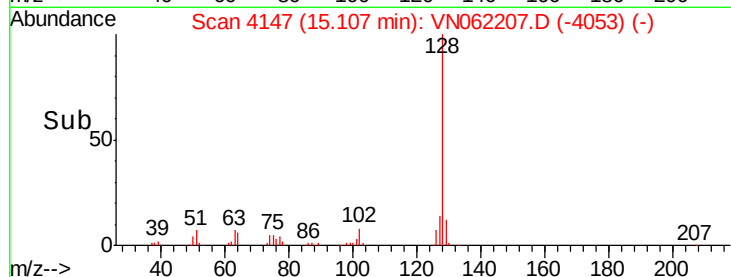
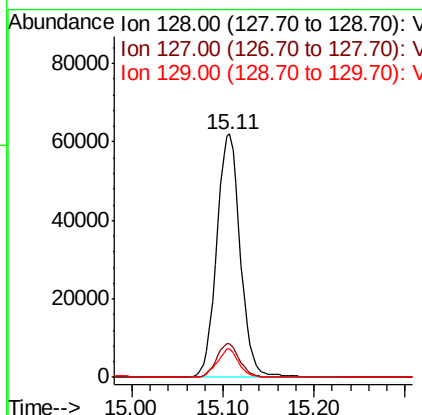
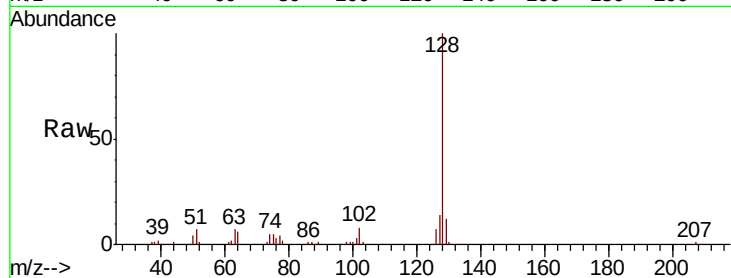




#95
Naphthalene
Concen: 17.574 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBS02

Tot Ion:128 Resp: 111475
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.566 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062207.D
Acq: 30 Jun 2020 00:09

Tgt Ion:180 Resp: 40690
Ion Ratio Lower Upper
180 100
182 96.3 46.8 140.4
145 33.3 16.4 49.2

