

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062979.D
 Acq On : 17 Aug 2020 19:32
 Operator : JC/MD
 Sample : VN0817WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Quant Time: Aug 18 05:51:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	244695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	349282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	329829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158186	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	124417	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
35) Dibromofluoromethane	7.55	113	111052	48.81	ug/l	0.00
Spiked Amount			Recovery	=	97.62%	
50) Toluene-d8	10.06	98	430883	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.38	95	150406	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	56120	19.159	ug/l	99
3) Chloromethane	2.04	50	50112	19.015	ug/l	100
4) Vinyl Chloride	2.16	62	72815	21.877	ug/l	99
5) Bromomethane	2.52	94	46006	19.504	ug/l	97
6) Chloroethane	2.66	64	43387	19.141	ug/l	94
7) Trichlorofluoromethane	2.98	101	88826	19.159	ug/l	99
8) Diethyl Ether	3.37	74	30766	21.649	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46174	20.853	ug/l	95
10) Methyl Iodide	3.91	142	57890	20.509	ug/l	99
11) Tert butyl alcohol	4.73	59	39395	88.936	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	42640	20.286	ug/l	99
13) Acrolein	3.57	56	18609	70.022	ug/l	97
14) Allyl chloride	4.28	41	52428	16.154	ug/l	98
15) Acrylonitrile	4.93	53	104011	89.038	ug/l	99
16) Acetone	3.78	43	119117	118.683	ug/l	97
17) Carbon Disulfide	4.01	76	119966	19.889	ug/l	99
18) Methyl Acetate	4.28	43	47355	21.767	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	124148	18.081	ug/l	100
20) Methylene Chloride	4.51	84	42992	18.119	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	36608	16.627	ug/l	95
22) Diisopropyl ether	5.90	45	123299	17.581	ug/l	96
23) Vinyl Acetate	5.85	43	403832	81.693	ug/l	99
24) 1,1-Dichloroethane	5.80	63	71071	17.333	ug/l	100
25) 2-Butanone	6.79	43	124877	86.330	ug/l	100
26) 2,2-Dichloropropane	6.77	77	57984	17.108	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	45920	17.579	ug/l	99
28) Bromochloromethane	7.15	49	31948	16.162	ug/l	96
29) Tetrahydrofuran	7.17	42	85996	109.386	ug/l	99
30) Chloroform	7.33	83	76266	17.837	ug/l	99
31) Cyclohexane	7.62	56	68700	17.182	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	63700	17.948	ug/l	98
36) 1,1-Dichloropropene	7.75	75	51563	17.209	ug/l	98
37) Ethyl Acetate	6.89	43	47481	17.347	ug/l	98
38) Carbon Tetrachloride	7.73	117	56051	17.706	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	66315	16.678	ug/l	96
40) Benzene	8.00	78	167138	17.635	ug/l	100
41) Methacrylonitrile	7.17	41	75041	55.902	ug/l #	8
42) 1,2-Dichloroethane	8.09	62	55708	17.908	ug/l	98
43) Isopropyl Acetate	8.13	43	78978	18.161	ug/l	99
44) Trichloroethene	8.80	130	45699	17.885	ug/l	98
45) 1,2-Dichloropropane	9.09	63	44258	16.760	ug/l	100
46) Dibromomethane	9.18	93	29439	17.906	ug/l	98
47) Bromodichloromethane	9.37	83	60141	18.035	ug/l	99
48) Methyl methacrylate	9.17	41	37934	17.833	ug/l	97
49) 1,4-Dioxane	9.17	88	17346	385.544	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	266193	91.485	ug/l	100
52) Toluene	10.13	92	107749	17.996	ug/l	100
53) t-1,3-Dichloropropene	10.36	75	63401	17.626	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	71158	18.327	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	46129	18.176	ug/l	99
56) Ethyl methacrylate	10.40	69	62674	18.484	ug/l	98
57) 1,3-Dichloropropane	10.68	76	72364	18.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	69162	103.827	ug/l	98
59) 2-Hexanone	10.72	43	189288	102.096	ug/l	100
60) Dibromochloromethane	10.88	129	50755	17.970	ug/l	100
61) 1,2-Dibromoethane	10.98	107	45922	17.725	ug/l	99
64) Tetrachloroethene	10.60	164	42339	18.715	ug/l	98
65) Chlorobenzene	11.41	112	119293	17.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	47302	18.040	ug/l	99
67) Ethyl Benzene	11.48	91	200998	17.673	ug/l	98
68) m/p-Xylenes	11.60	106	158593	36.927	ug/l	99
69) o-Xylene	11.92	106	77575	19.015	ug/l	97
70) Styrene	11.94	104	132680	18.751	ug/l	98
71) Bromoform	12.10	173	42316	19.307	ug/l #	99
73) Isopropylbenzene	12.22	105	204461	18.736	ug/l	99
74) N-amyl acetate	12.05	43	67610	18.047	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	69490	20.119	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	86915	27.816	ug/l #	100
77) Bromobenzene	12.50	156	58218	18.504	ug/l	98
78) n-propylbenzene	12.57	91	235423	18.489	ug/l	99
79) 2-Chlorotoluene	12.65	91	142649	18.641	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	181284	19.743	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	20998	17.998	ug/l	96
82) 4-Chlorotoluene	12.75	91	145949	18.716	ug/l	99
83) tert-Butylbenzene	12.97	119	151140	19.088	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	168671	18.984	ug/l	100
85) sec-Butylbenzene	13.15	105	200277	19.219	ug/l	100
86) p-Isopropyltoluene	13.26	119	174248	18.791	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	98024	18.917	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	97758	18.306	ug/l	99
89) n-Butylbenzene	13.59	91	129485	17.192	ug/l	100
90) Hexachloroethane	13.85	117	34535	18.360	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	95648	19.099	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	11635	19.602	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Aug 17 17:31:03 2020
Response via : Initial Calibration

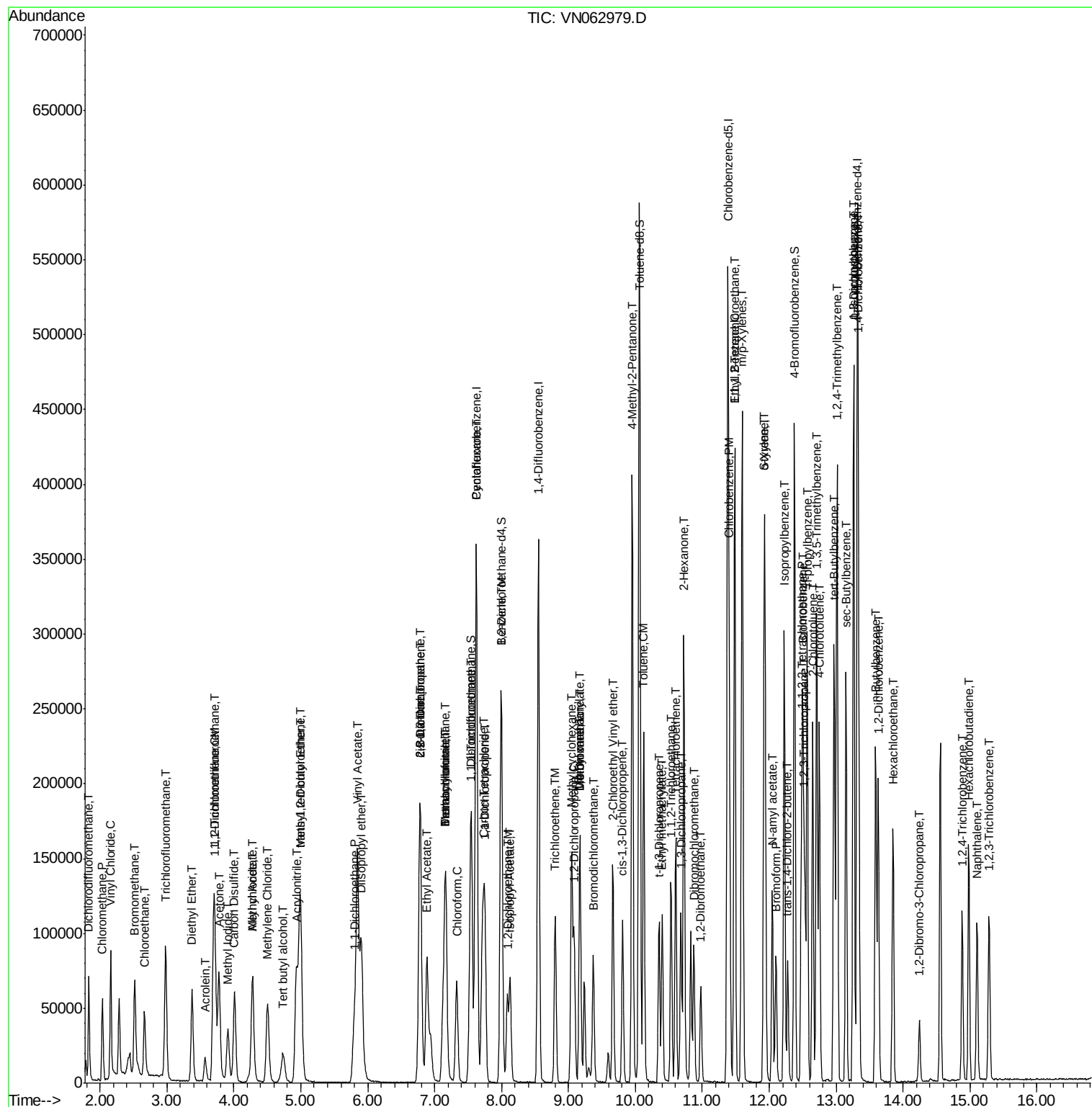
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	42907	18.050	ug/l	99
94) Hexachlorobutadiene	14.98	225	34630	17.914	ug/l	98
95) Naphthalene	15.10	128	98436	19.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	44522	18.397	ug/l	96

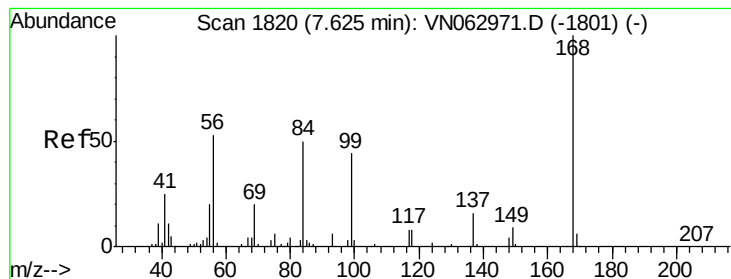
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081720\
Data File : VN062979.D
Acq On : 17 Aug 2020 19:32
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Sample : VN0817WBS01
Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Aug 18 05:51:53 2020
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Quant Title : SW846 8260
QLast Update : Mon Aug 17 17:31:03 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: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

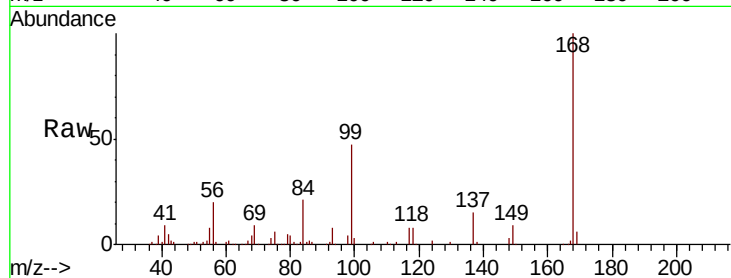
VN0817WBS01

Tot Ion:168 Resp: 244695

Ion Ratio Lower Upper

168 100

99 47.2 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

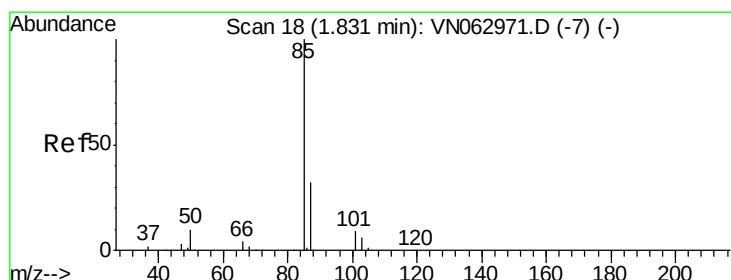
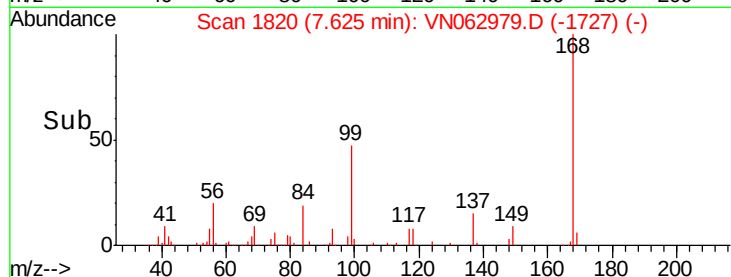
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.159 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062979.D

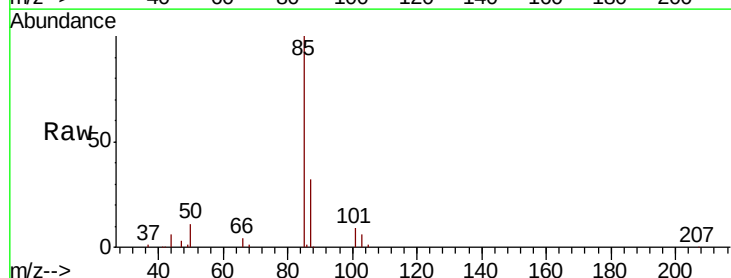
Acq: 17 Aug 2020 19:32

Tgt Ion: 85 Resp: 56120

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

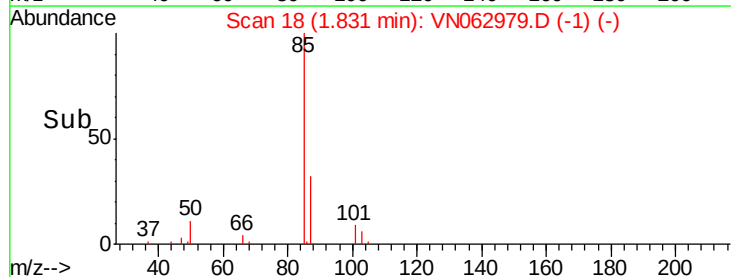
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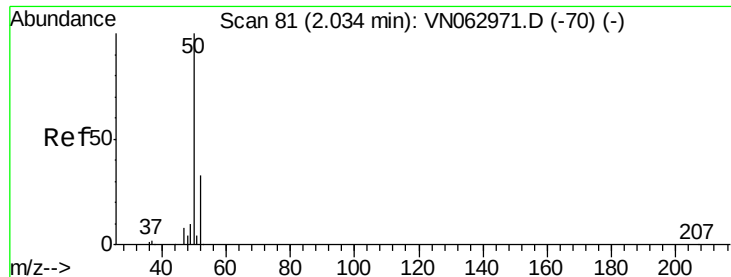
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.015 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

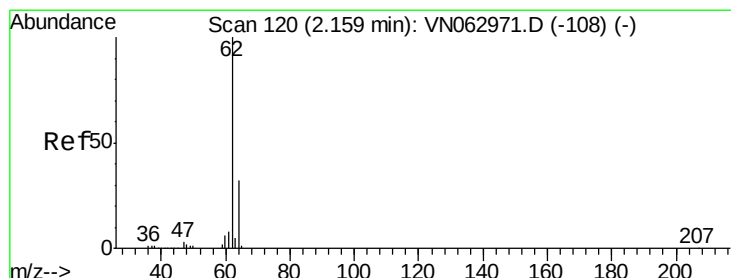
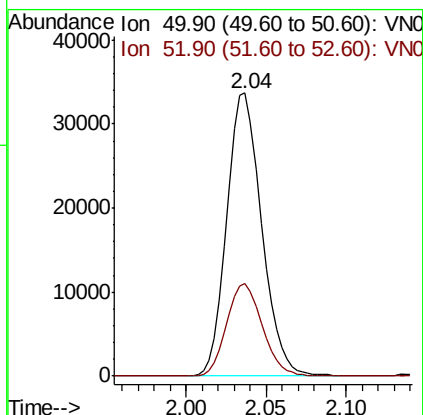
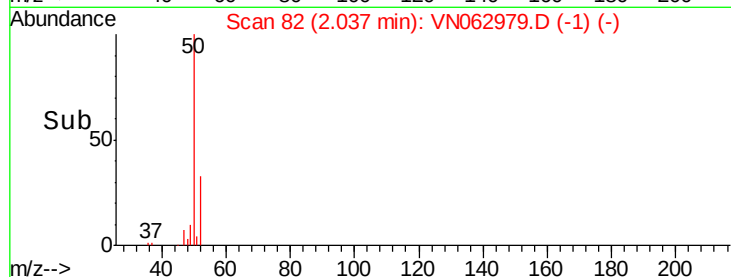
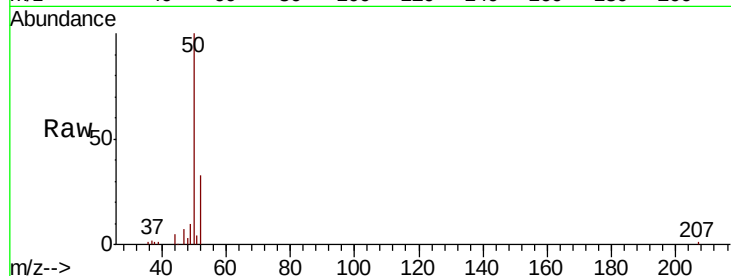
VN0817WBS01

Tot Ion: 50 Resp: 50112

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 21.877 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062979.D

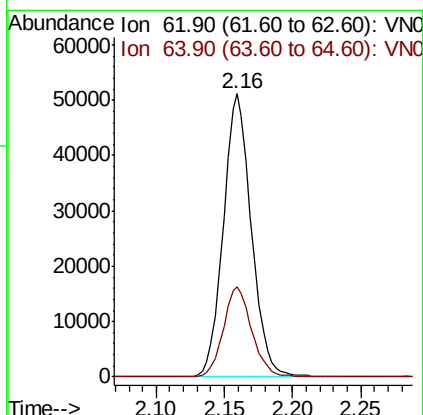
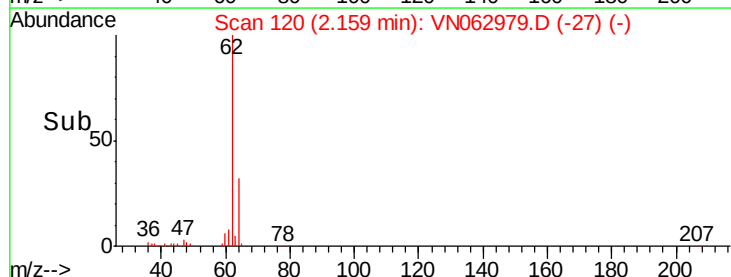
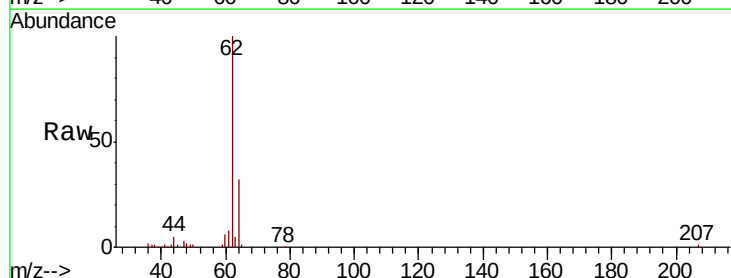
Acq: 17 Aug 2020 19:32

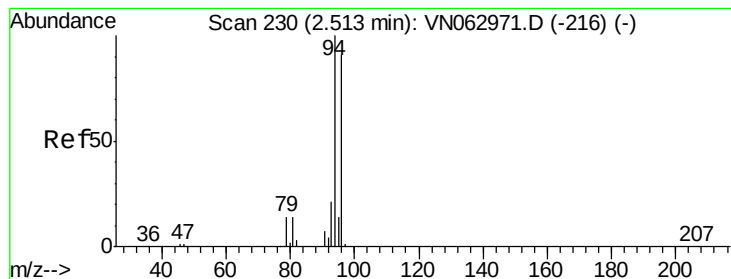
Tgt Ion: 62 Resp: 72815

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9





#5

Bromomethane

Concen: 19.504 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.01 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

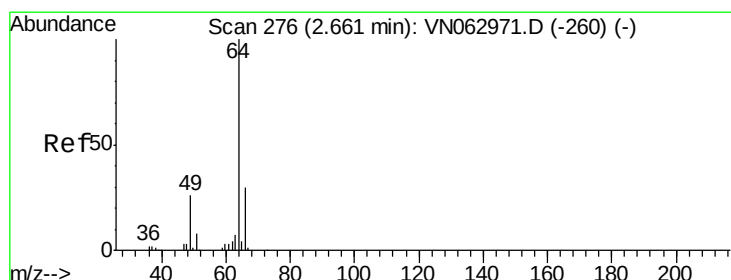
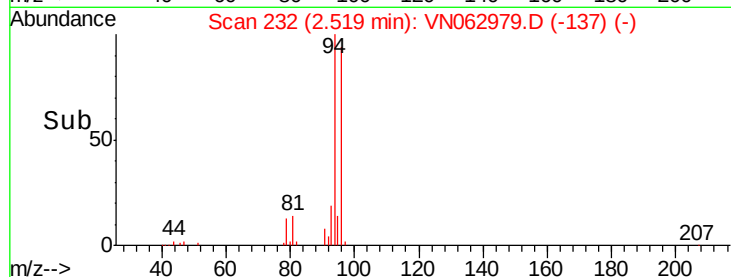
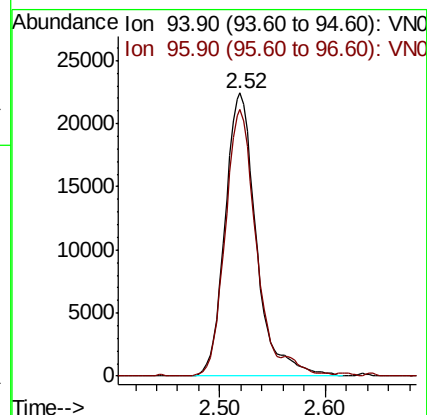
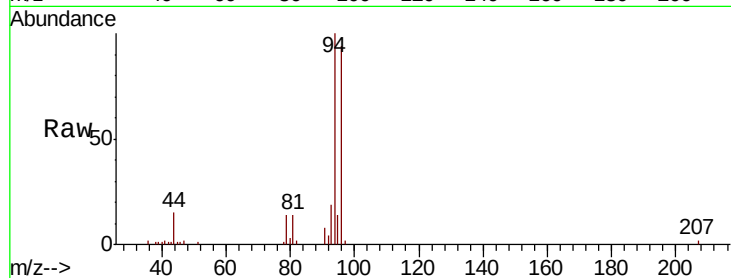
VN0817WBS01

Tot Ion: 94 Resp: 46006

Ion Ratio Lower Upper

94 100

96 94.3 72.9 109.3



#6

Chloroethane

Concen: 19.141 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062979.D

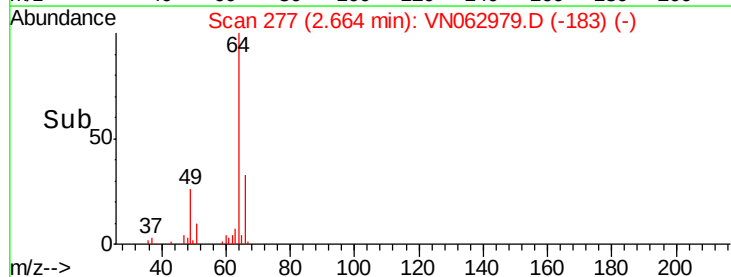
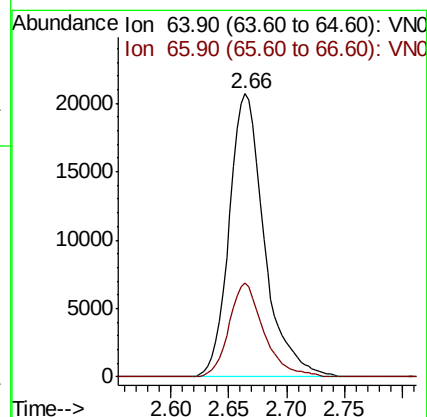
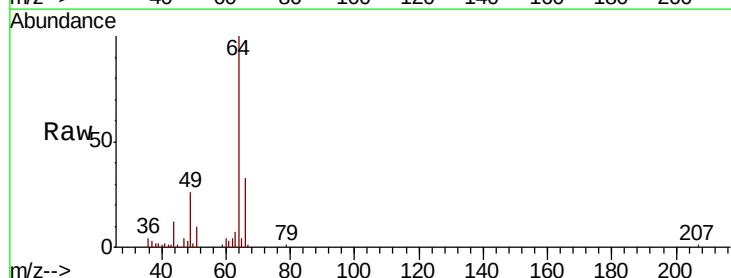
Acq: 17 Aug 2020 19:32

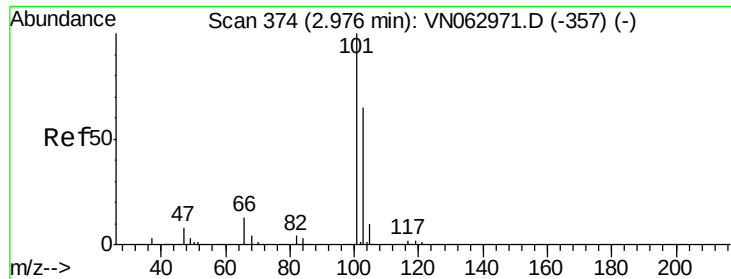
Tgt Ion: 64 Resp: 43387

Ion Ratio Lower Upper

64 100

66 33.3 23.8 35.8



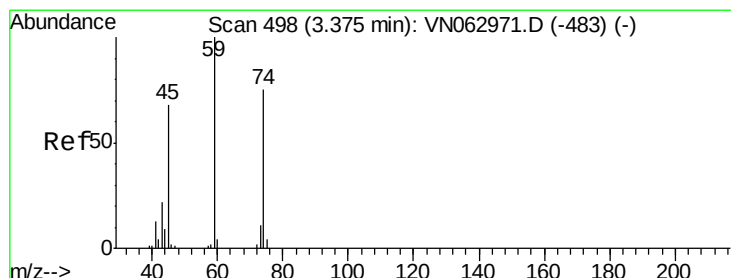
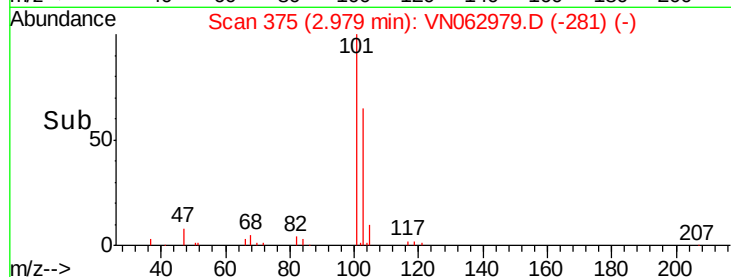
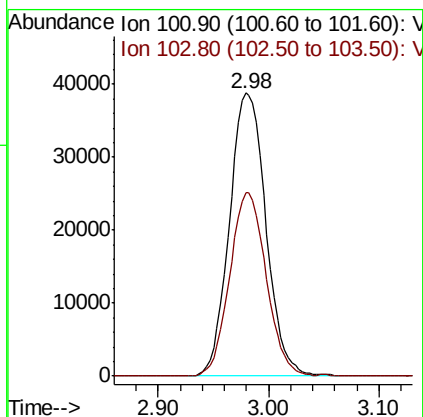
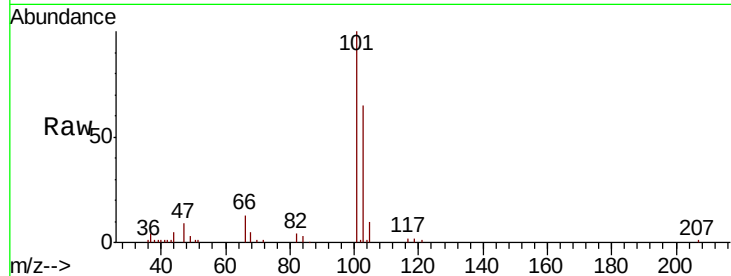


#7

Trichlorofluoromethane
 Concen: 19.159 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

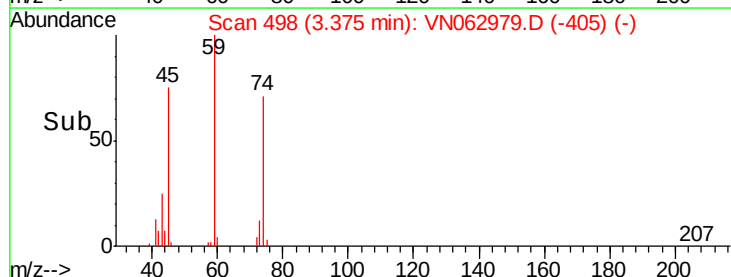
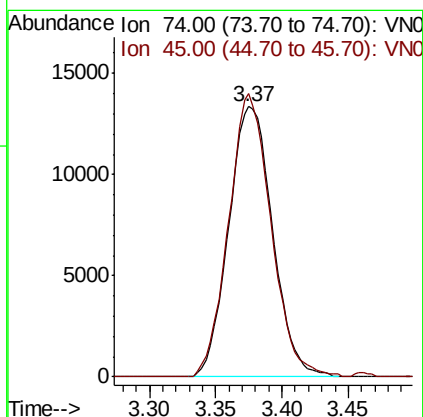
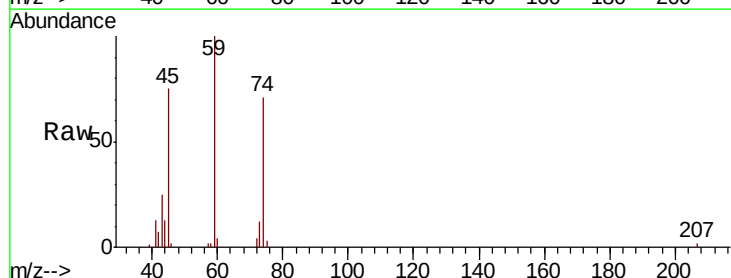
Tot Ion:101 Resp: 88826
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.2 78.4

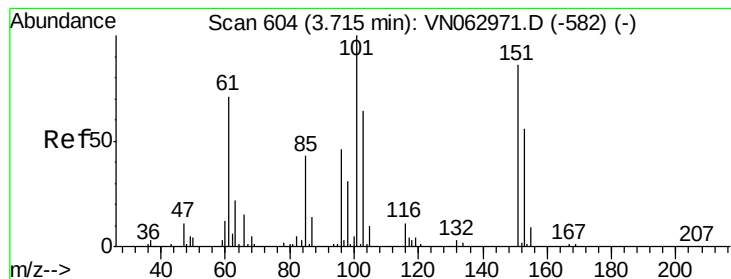


#8

Diethyl Ether
 Concen: 21.649 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion: 74 Resp: 30766
 Ion Ratio Lower Upper
 74 100
 45 101.2 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.853 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

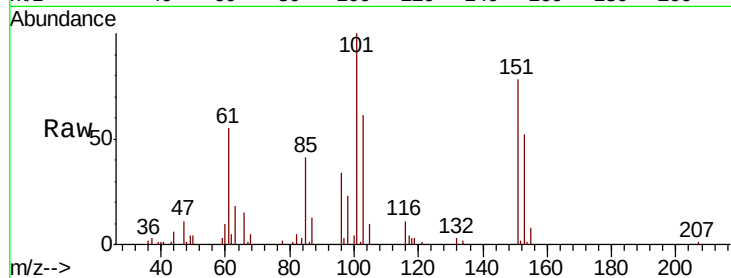
Tot Ion:101 Resp: 46174

Ion Ratio Lower Upper

101 100

85 43.7 34.1 51.1

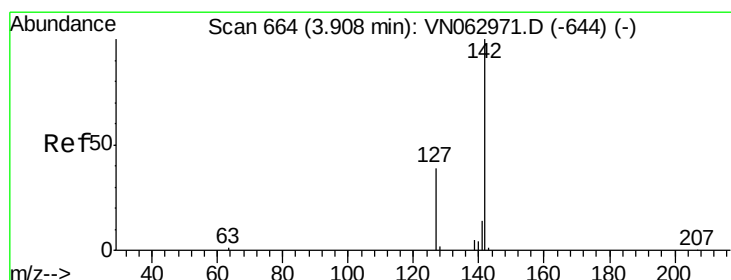
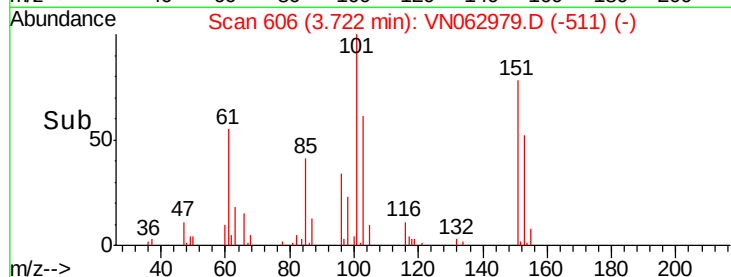
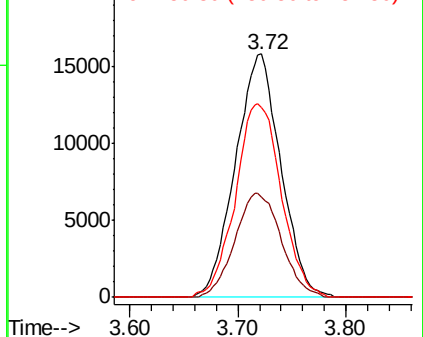
151 80.3 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.509 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

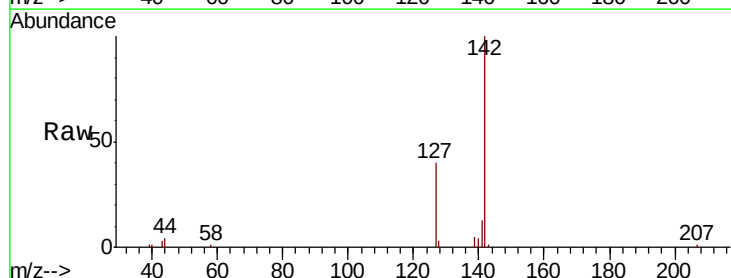
Tgt Ion:142 Resp: 57890

Ion Ratio Lower Upper

142 100

127 40.2 31.9 47.9

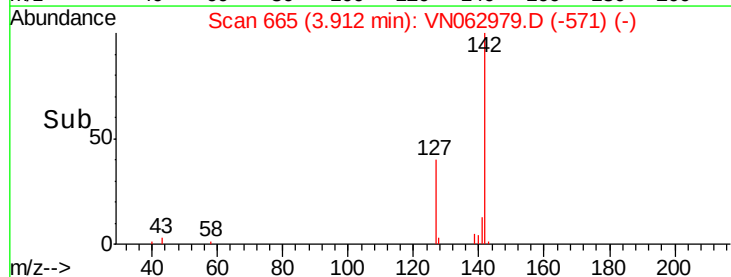
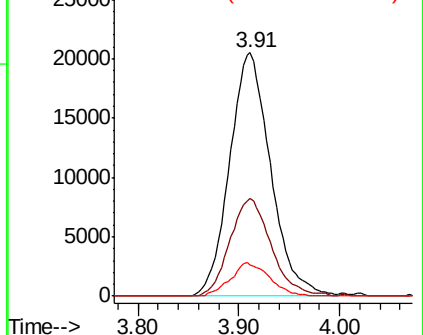
141 13.0 11.4 17.2

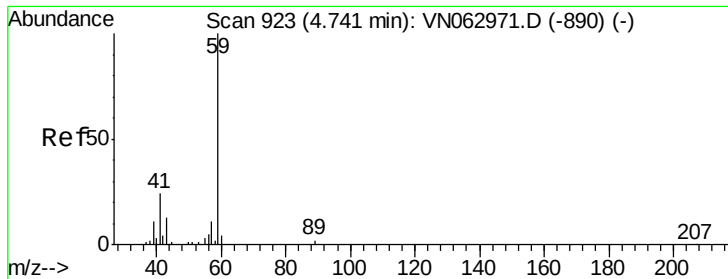


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



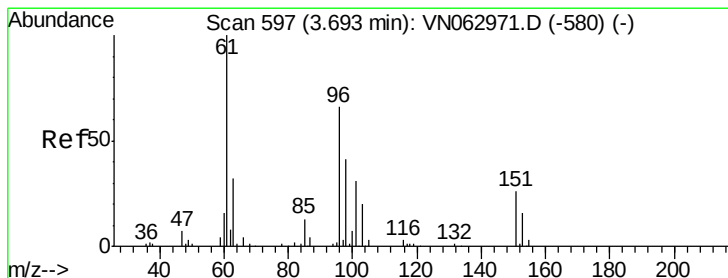
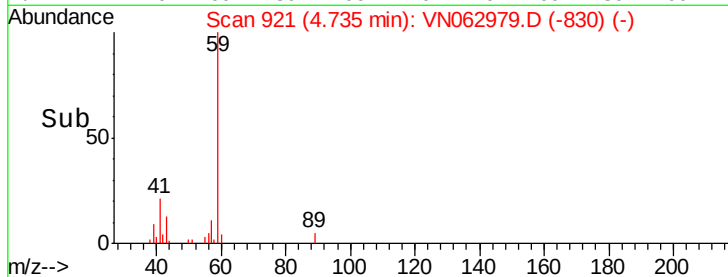
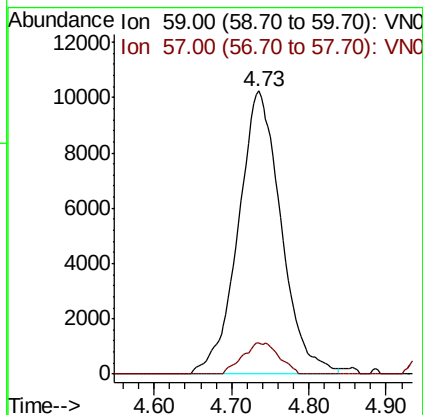
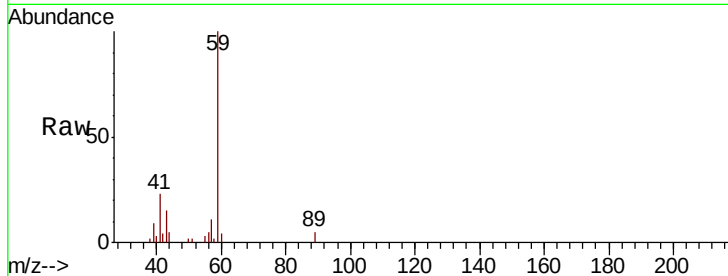


#11

Tert butyl alcohol
 Concen: 88.936 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

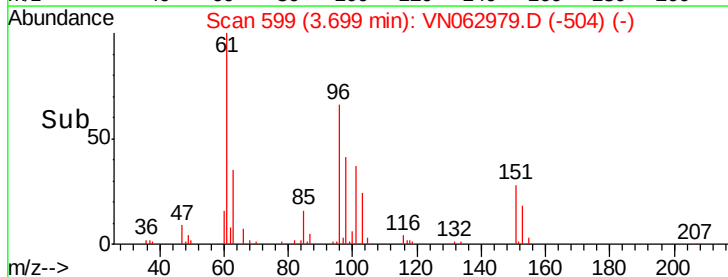
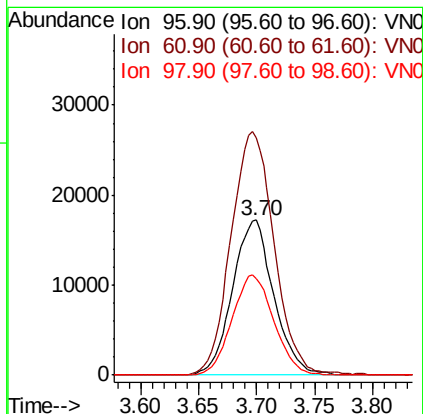
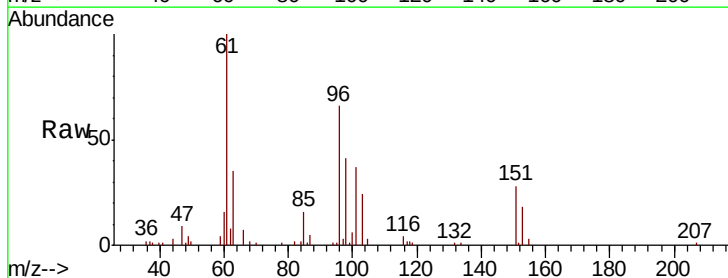
Tot Ion: 59 Resp: 39395
 Ion Ratio Lower Upper
 59 100
 57 4.9 7.6 11.4#

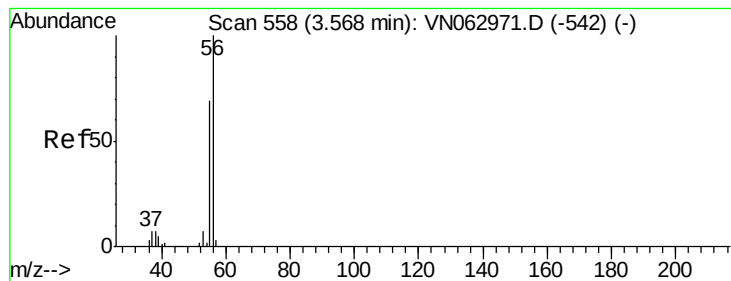


#12

1,1-Dichloroethene
 Concen: 20.286 ug/l
 RT: 3.70 min Scan# 599
 Delta R.T. 0.01 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion: 96 Resp: 42640
 Ion Ratio Lower Upper
 96 100
 61 152.5 120.4 180.6
 98 62.0 49.8 74.6





#13

Acrolein

Concen: 70.022 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

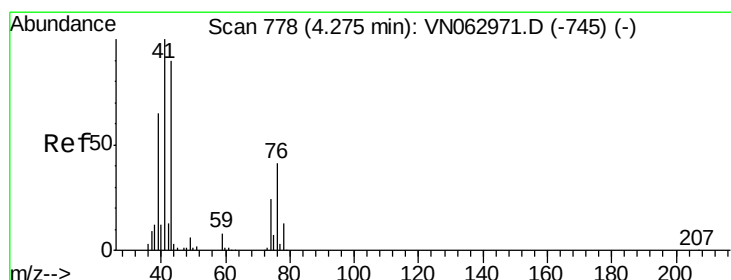
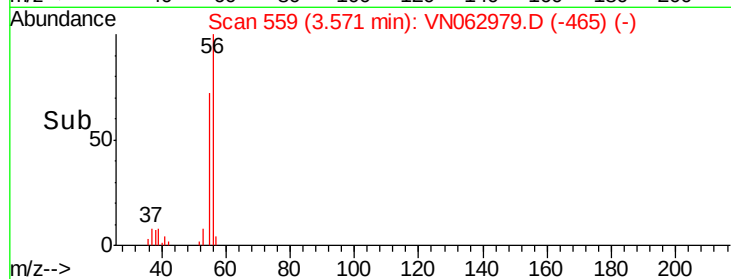
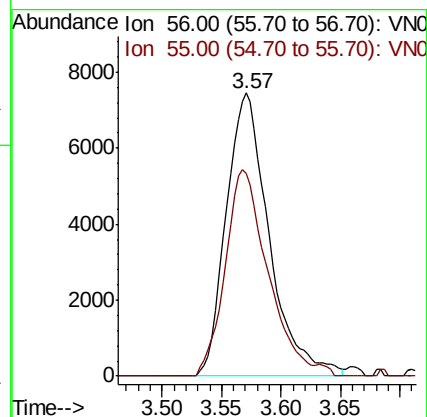
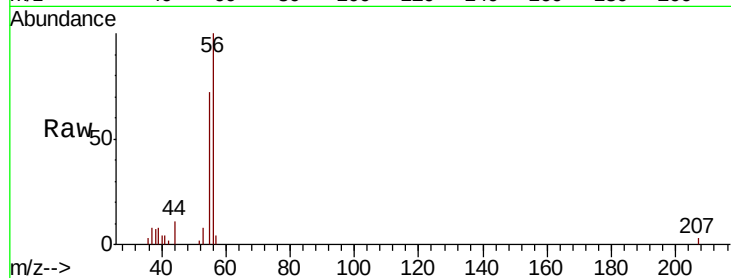
VN0817WBS01

Tot Ion: 56 Resp: 18609

Ion Ratio Lower Upper

56 100

55 72.2 56.1 84.1



#14

Allyl chloride

Concen: 16.154 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

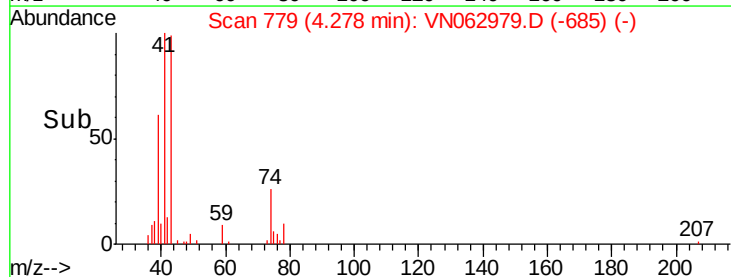
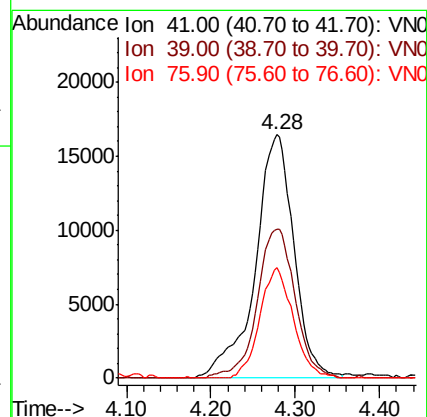
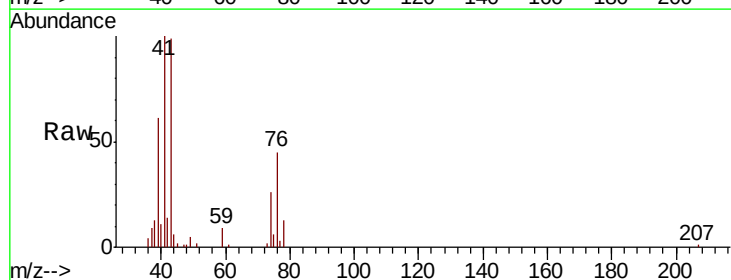
Tgt Ion: 41 Resp: 52428

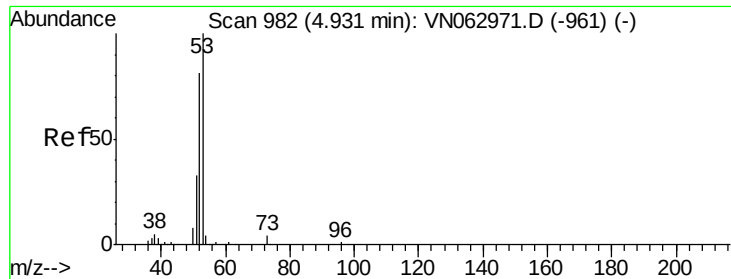
Ion Ratio Lower Upper

41 100

39 59.9 46.7 70.1

76 39.1 30.2 45.4

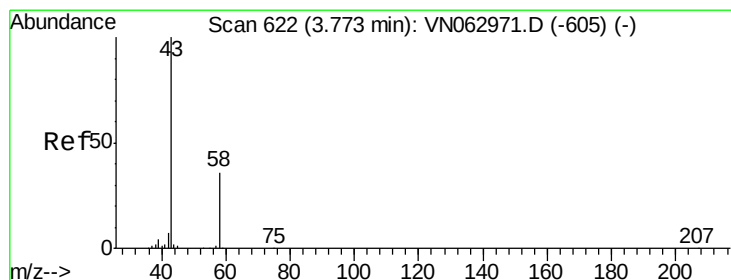
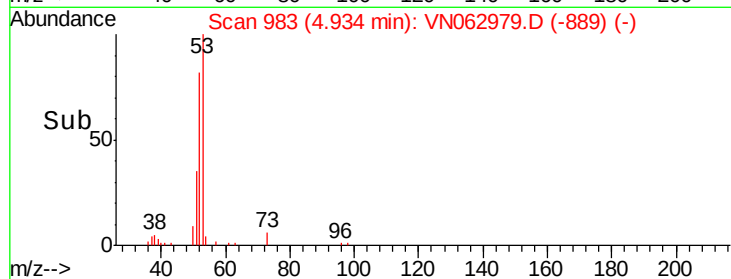
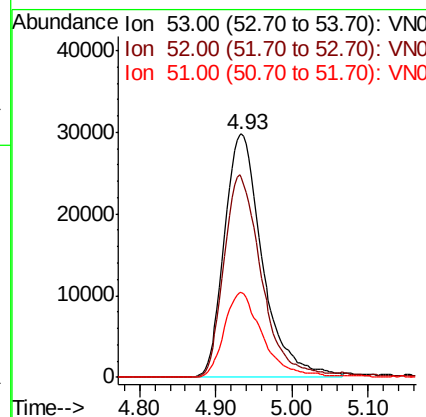
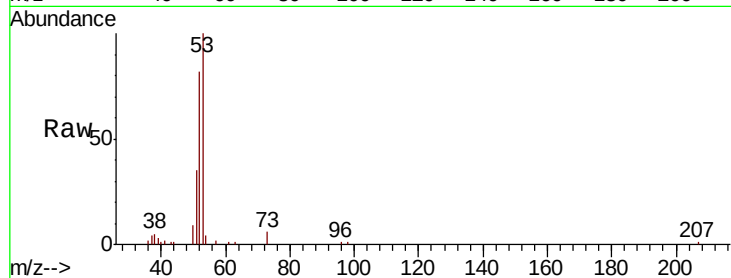




#15
 Acrylonitrile
 Concen: 89.038 ug/l
 RT: 4.93 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

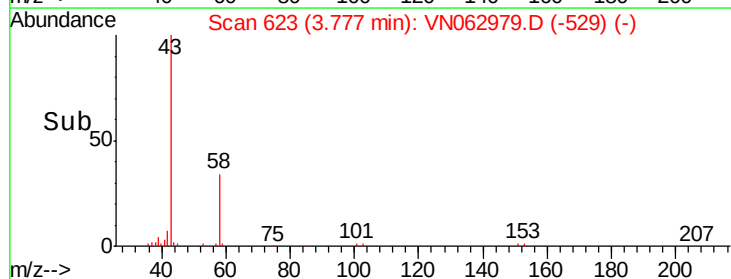
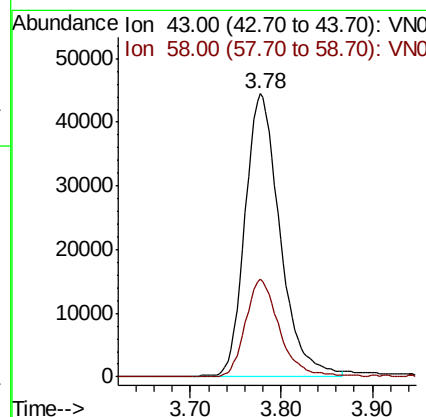
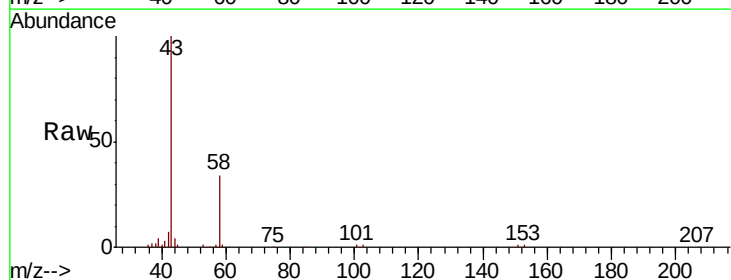
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

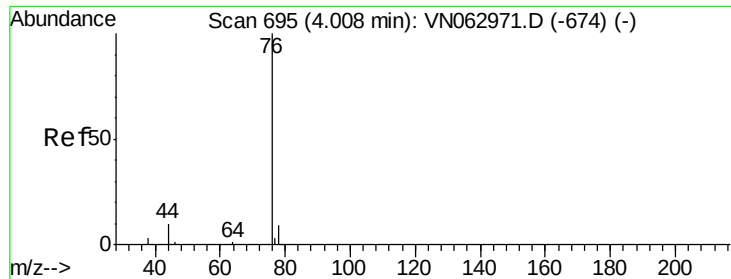
Tot Ion: 53 Resp: 104011
 Ion Ratio Lower Upper
 53 100
 52 81.5 65.0 97.6
 51 35.0 27.4 41.2



#16
 Acetone
 Concen: 118.683 ug/l
 RT: 3.78 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion: 43 Resp: 119117
 Ion Ratio Lower Upper
 43 100
 58 34.3 28.7 43.1

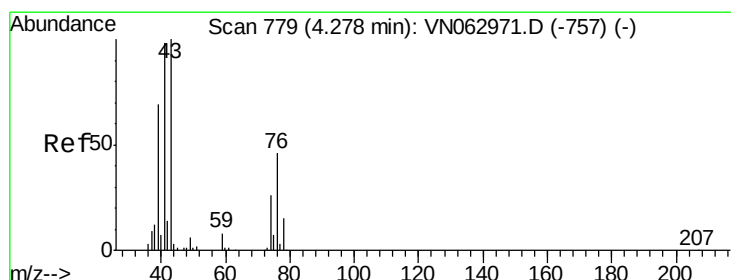
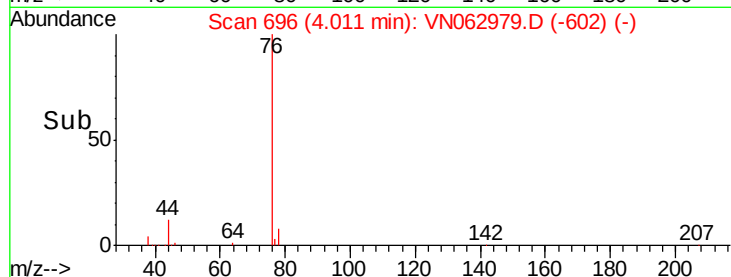
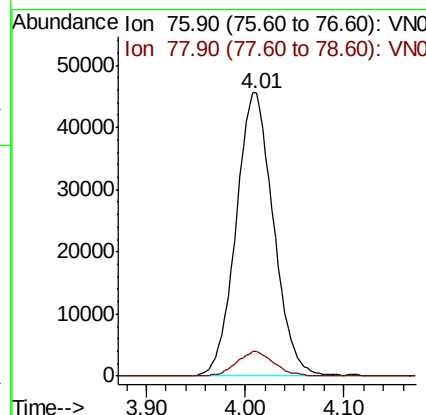
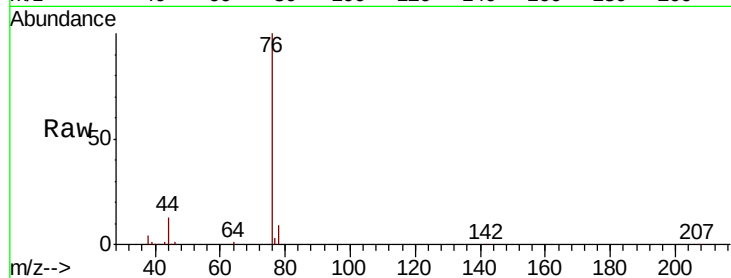




#17
Carbon Disulfide
Concen: 19.889 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

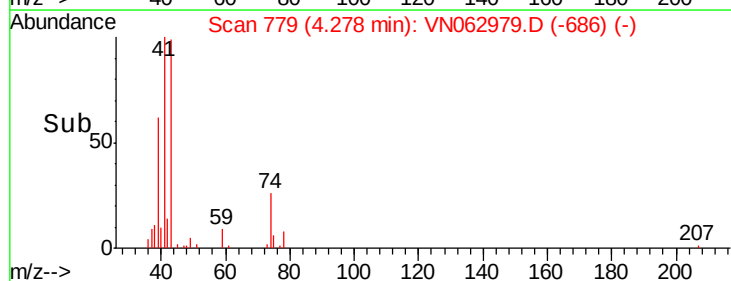
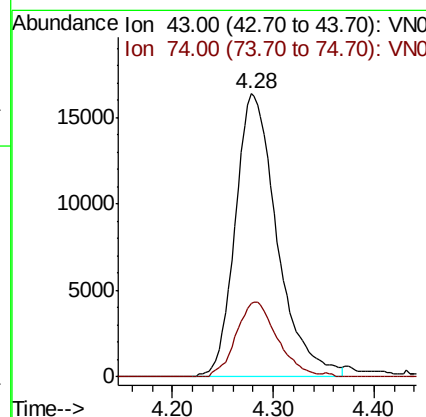
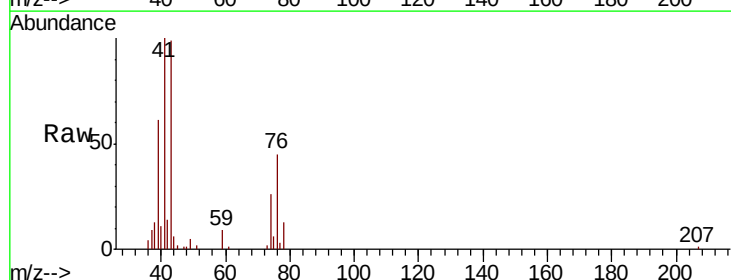
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

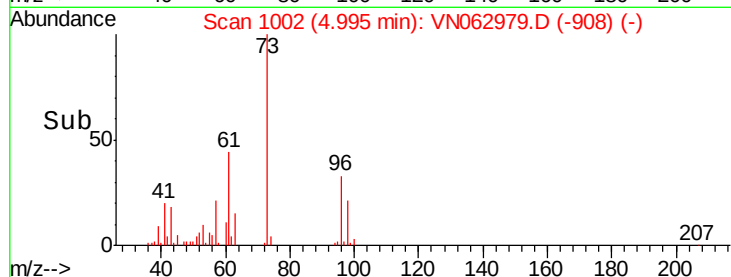
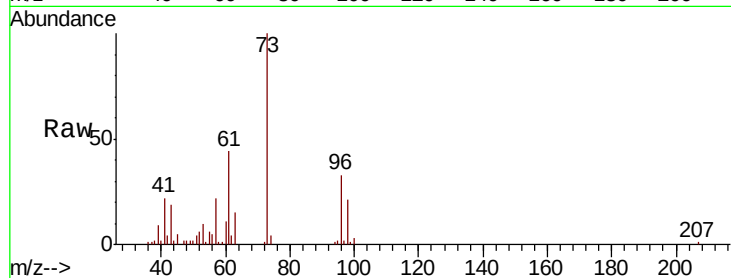
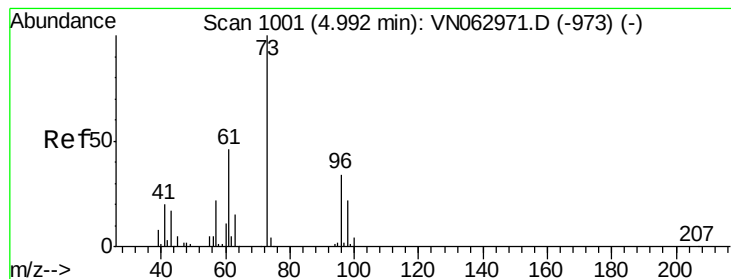
Tot Ion: 76 Resp: 119966
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 21.767 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion: 43 Resp: 47355
Ion Ratio Lower Upper
43 100
74 25.8 21.6 32.4



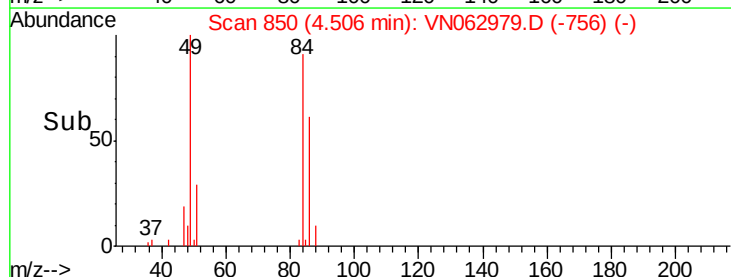
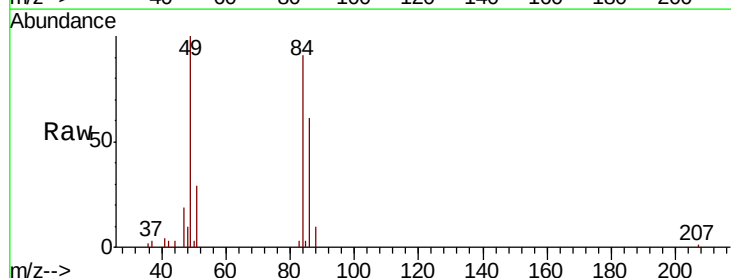
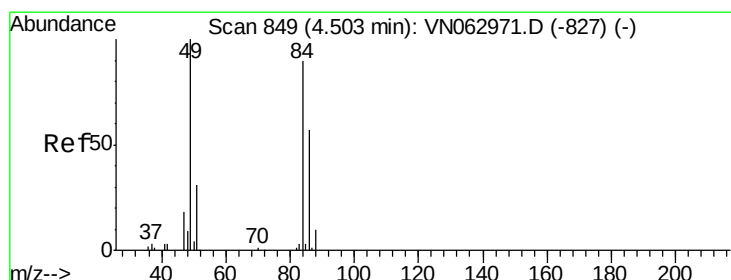
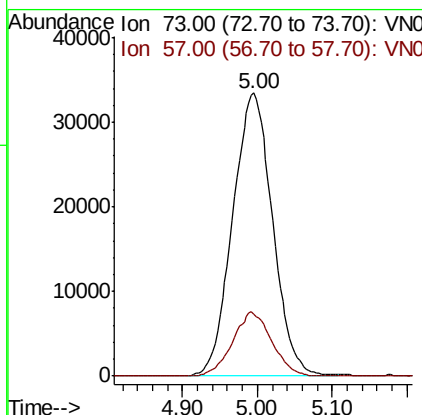


#19

Methyl tert-butyl Ether
 Concen: 18.081 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

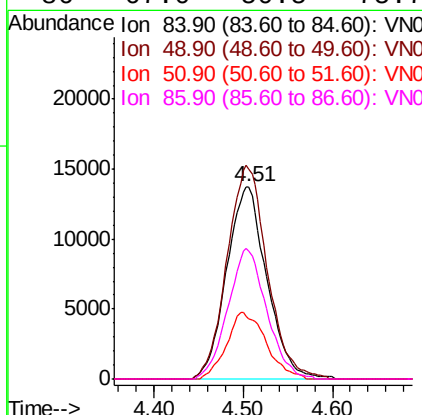
Tot Ion: 73 Resp: 124148
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.6 26.4

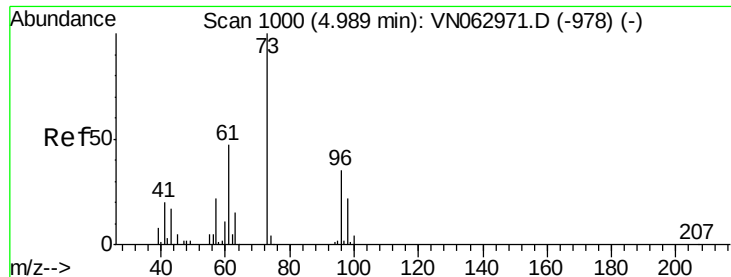


#20

Methylene Chloride
 Concen: 18.119 ug/l
 RT: 4.51 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion: 84 Resp: 42992
 Ion Ratio Lower Upper
 84 100
 49 109.7 88.8 133.2
 51 31.5 27.1 40.7
 86 67.0 50.5 75.7

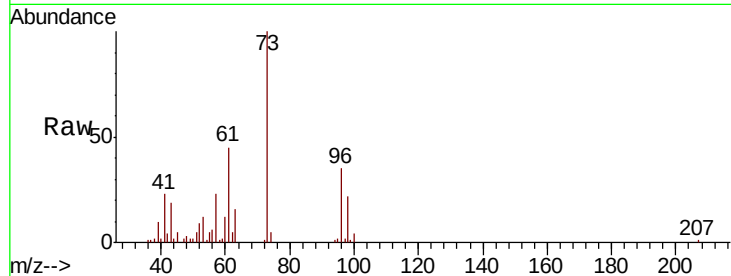




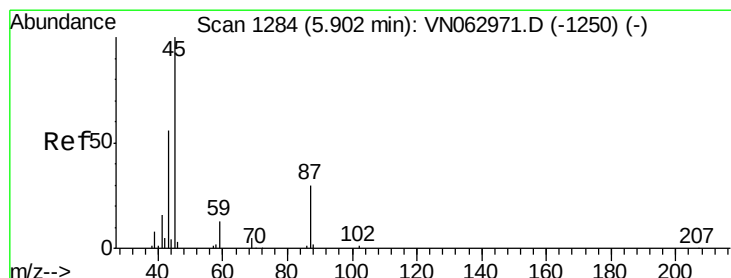
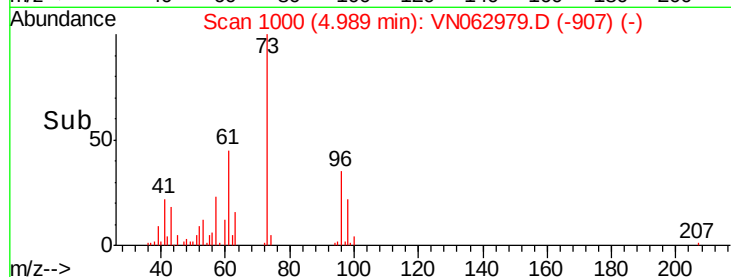
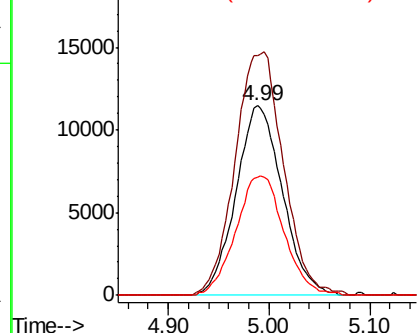
#21
trans-1,2-Dichloroethene
Concen: 16.627 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion: 96 Resp: 36608
Ion Ratio Lower Upper
96 100
61 126.5 107.7 161.5
98 62.4 51.0 76.4

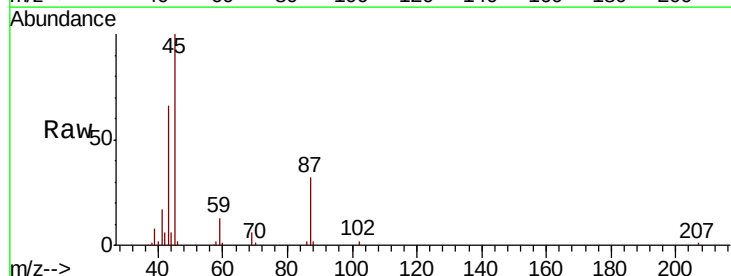


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

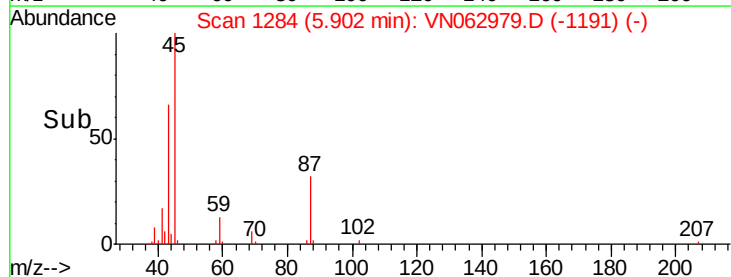
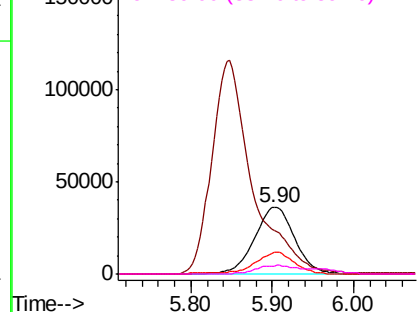


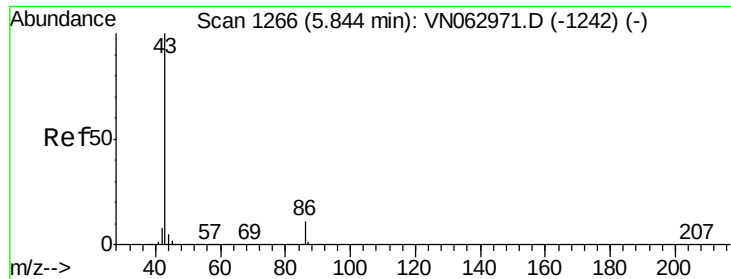
#22
Diisopropyl ether
Concen: 17.581 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion: 45 Resp: 123299
Ion Ratio Lower Upper
45 100
43 62.6 47.1 70.7
87 32.1 24.3 36.5
59 12.5 10.4 15.6



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

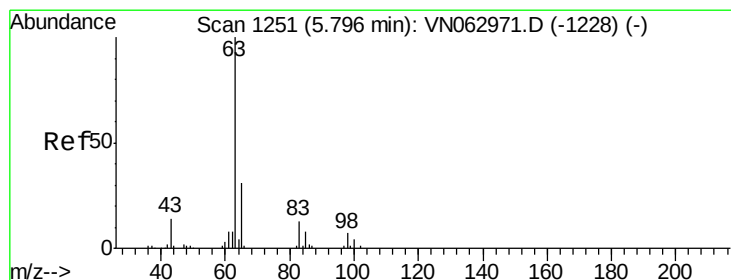
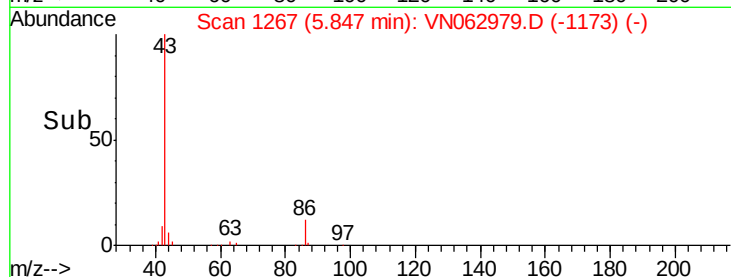
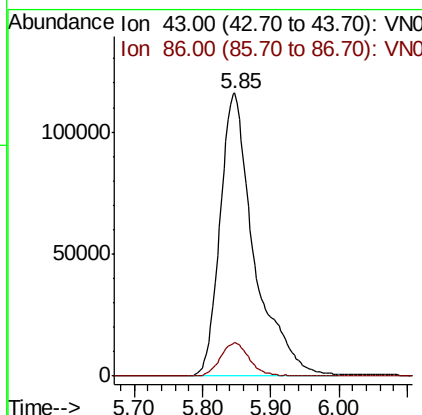
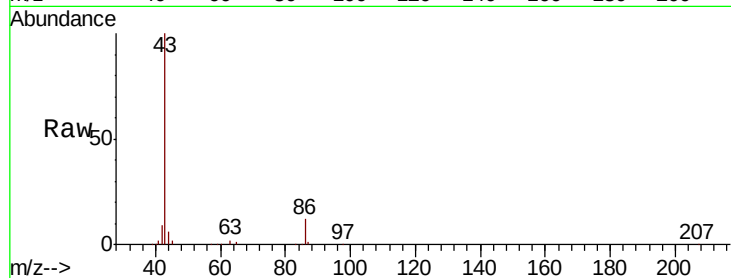




#23
 Vinyl Acetate
 Concen: 81.693 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

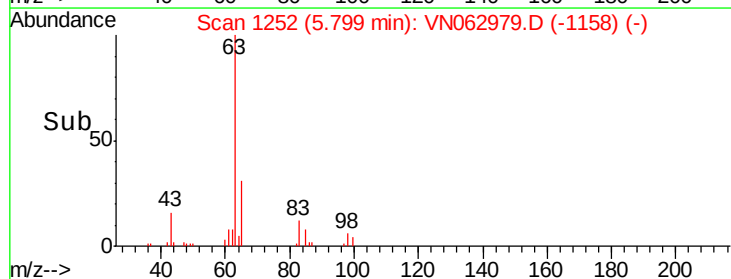
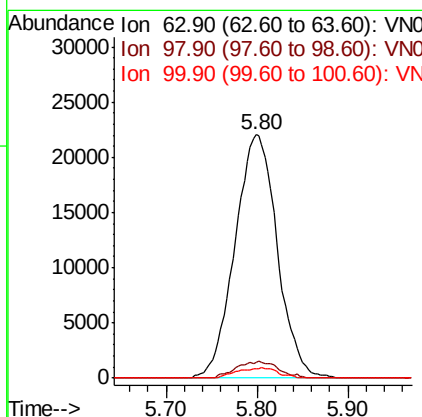
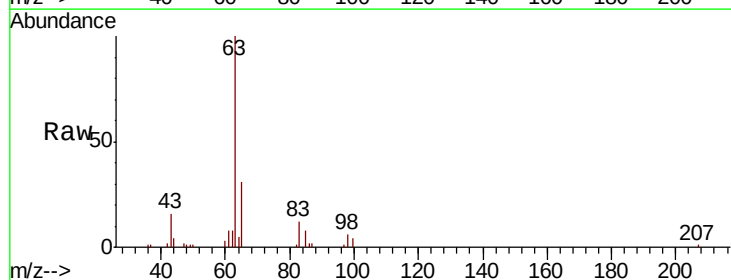
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

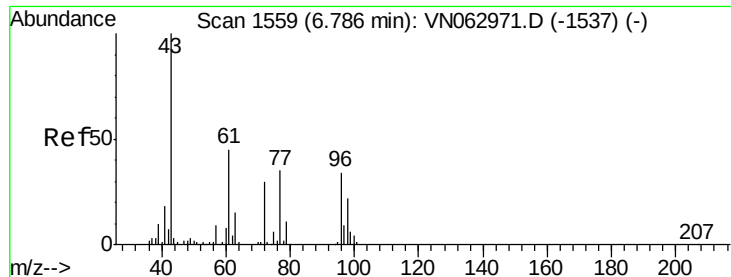
Tot Ion: 43 Resp: 403832
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 17.333 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion: 63 Resp: 71071
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.0 2.0 6.0

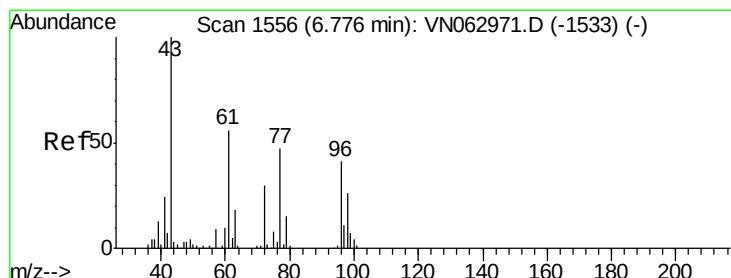
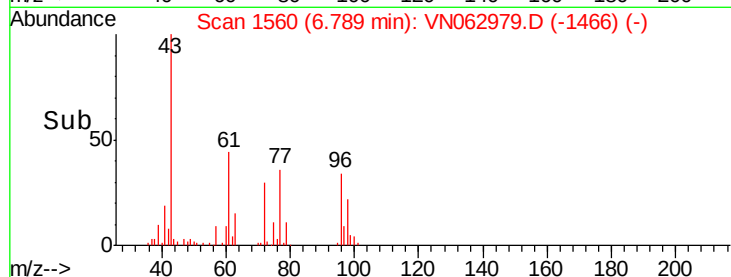
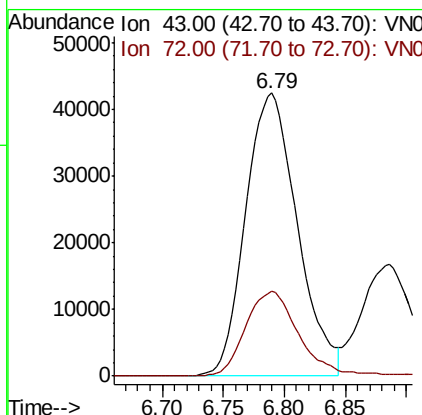
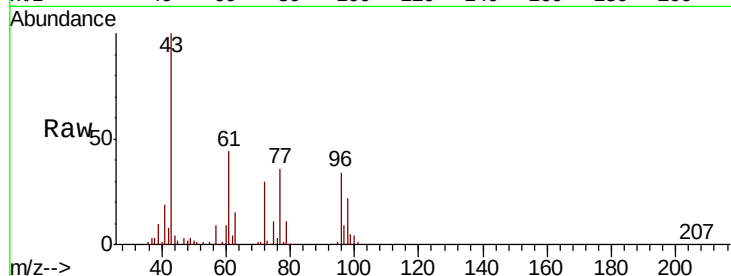




#25
2-Butanone
Concen: 86.330 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

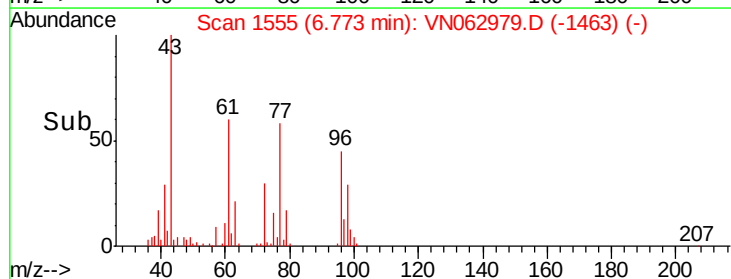
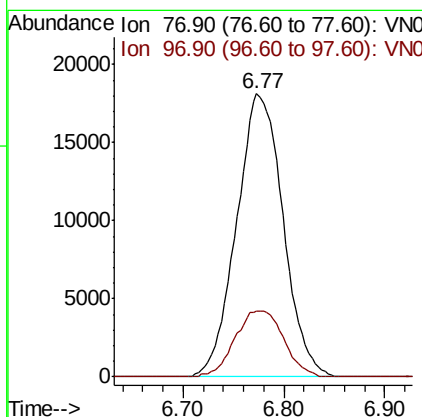
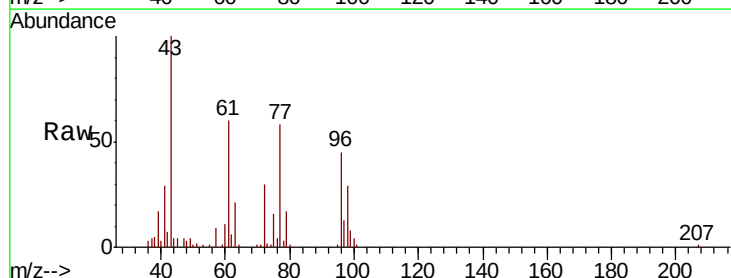
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

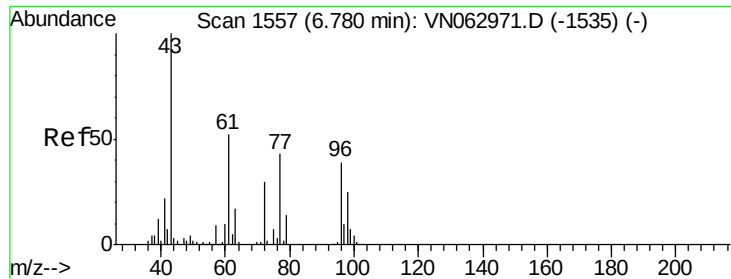
Tot Ion: 43 Resp: 124877
Ion Ratio Lower Upper
43 100
72 29.9 23.9 35.9



#26
2,2-Dichloropropane
Concen: 17.108 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion: 77 Resp: 57984
Ion Ratio Lower Upper
77 100
97 24.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 17.579 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampled :

VN0817WBS01

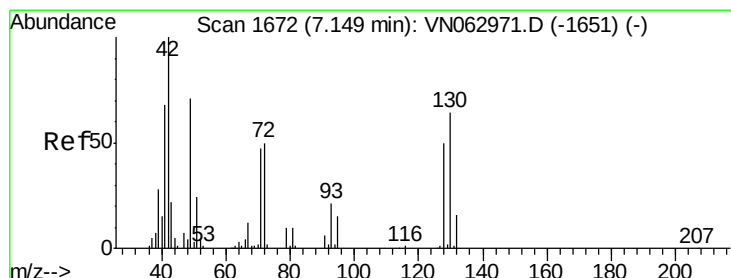
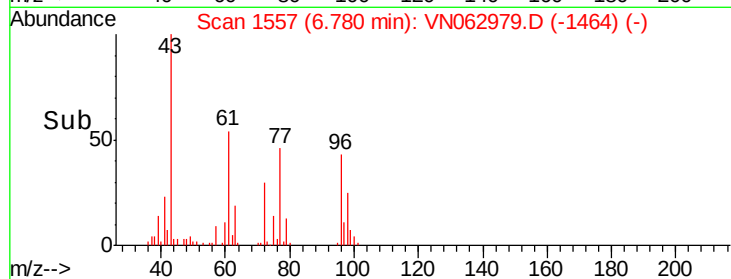
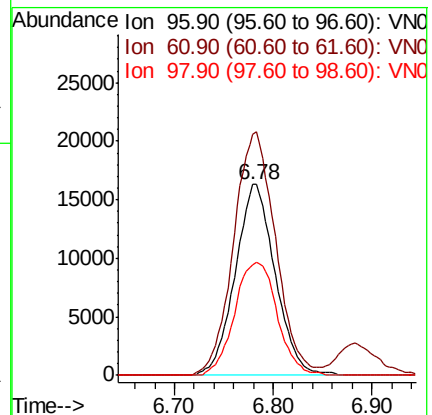
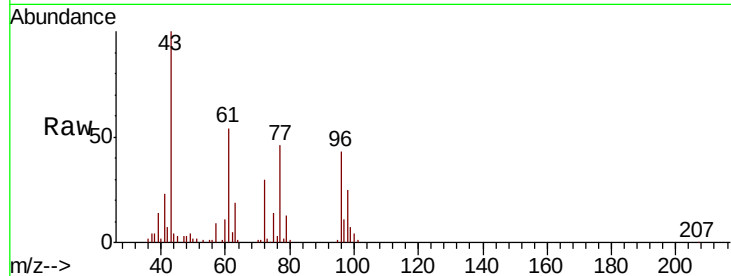
Tot Ion: 96 Resp: 45920

Ion Ratio Lower Upper

96 100

61 133.5 0.0 270.4

98 63.0 0.0 128.2



#28

Bromochloromethane

Concen: 16.162 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

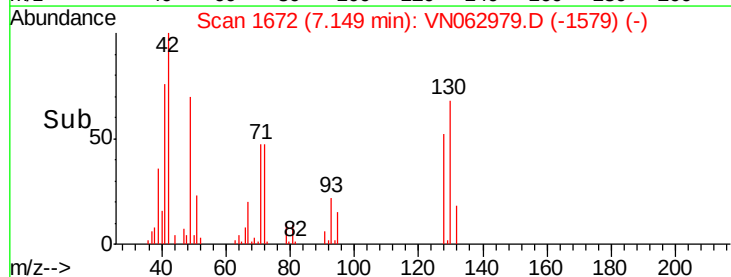
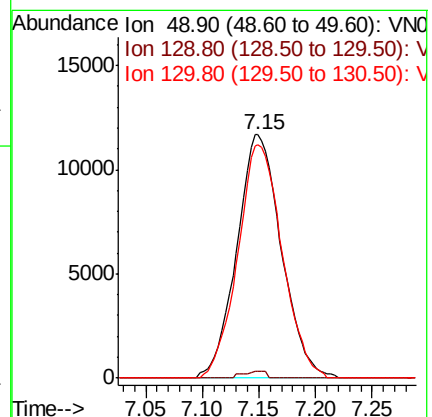
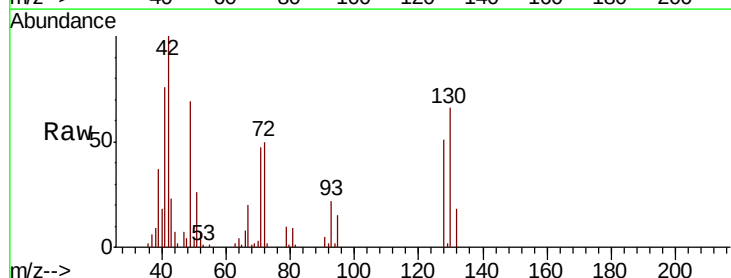
Tgt Ion: 49 Resp: 31948

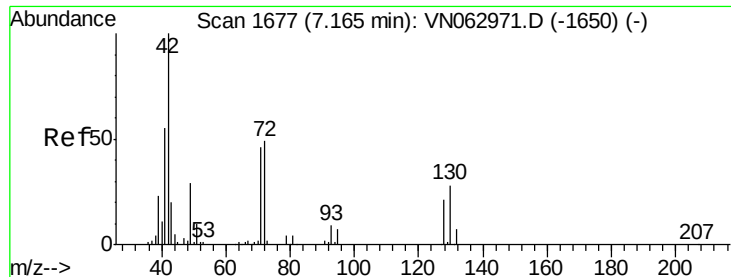
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.2

130 95.4 73.5 110.3

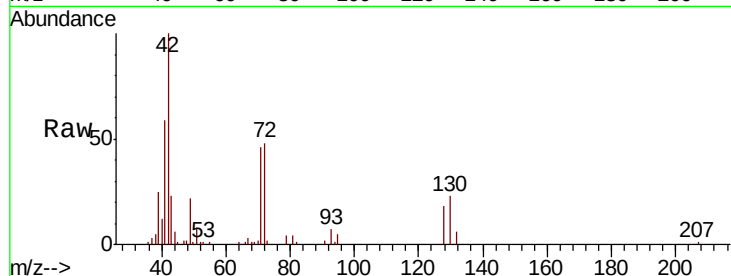




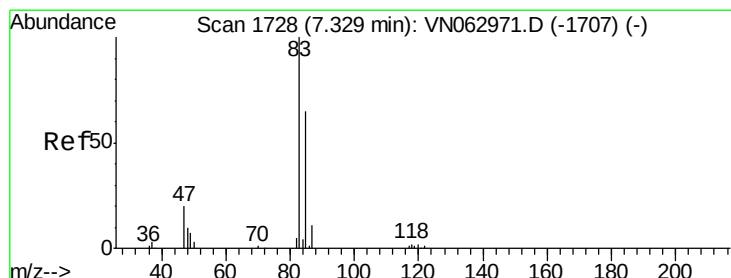
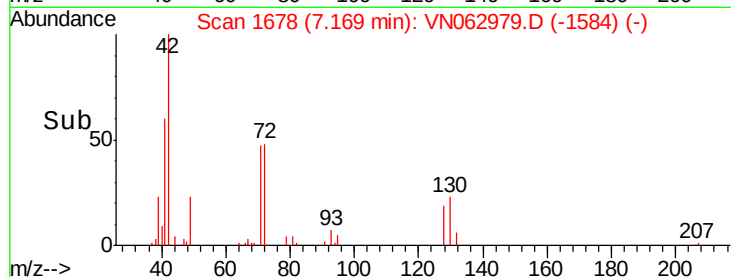
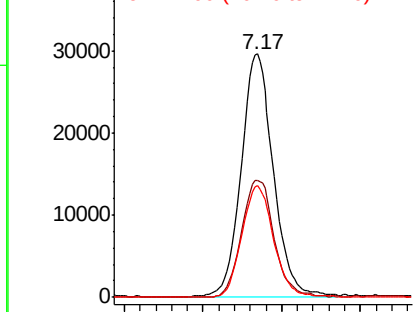
#29
Tetrahydrofuran
Concen: 109.386 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion: 42 Resp: 85996
Ion Ratio Lower Upper
42 100
72 48.6 39.4 59.2
71 45.3 37.2 55.8

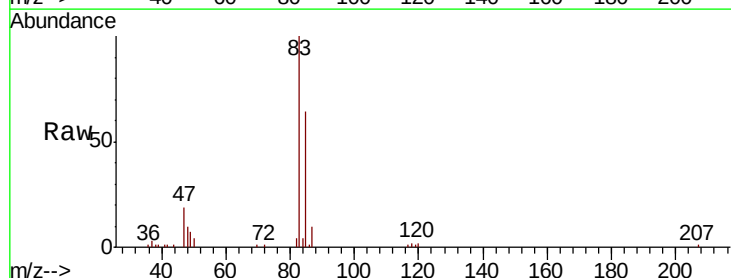


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

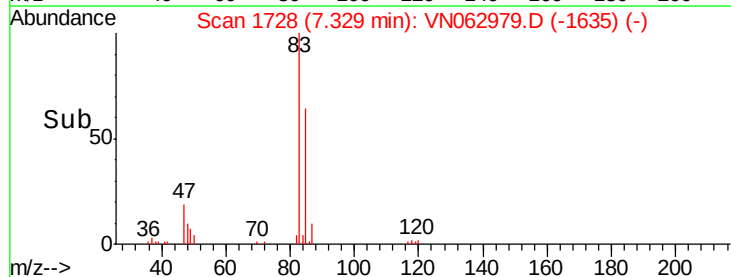
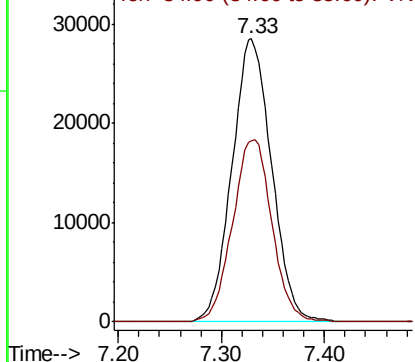


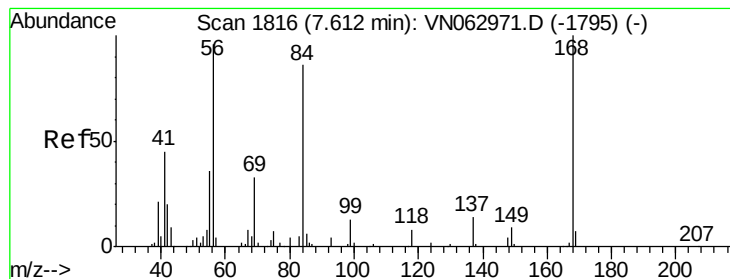
#30
Chloroform
Concen: 17.837 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion: 83 Resp: 76266
Ion Ratio Lower Upper
83 100
85 64.1 52.2 78.4



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





#31

Cyclohexane

Concen: 17.182 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

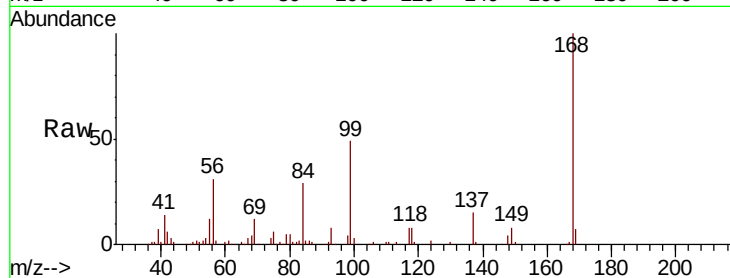
Tot Ion: 56 Resp: 68700

Ion Ratio Lower Upper

56 100

69 40.2 27.4 41.2

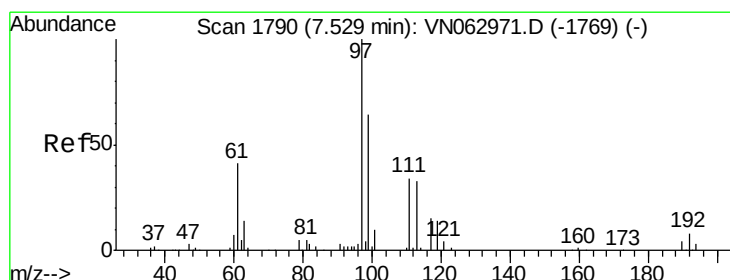
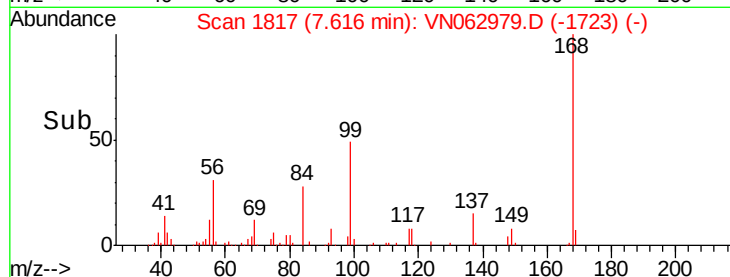
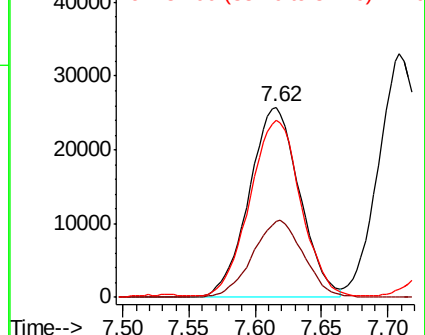
84 92.4 71.3 106.9



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: 17.948 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

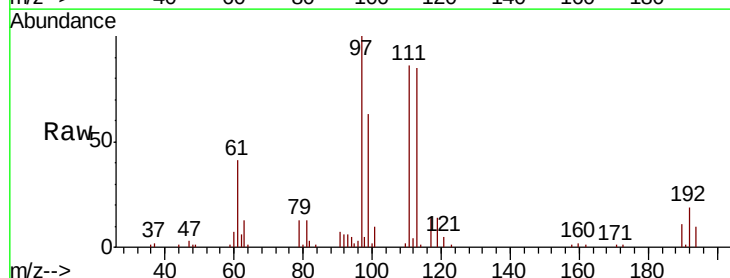
Tgt Ion: 97 Resp: 63700

Ion Ratio Lower Upper

97 100

99 62.9 52.2 78.4

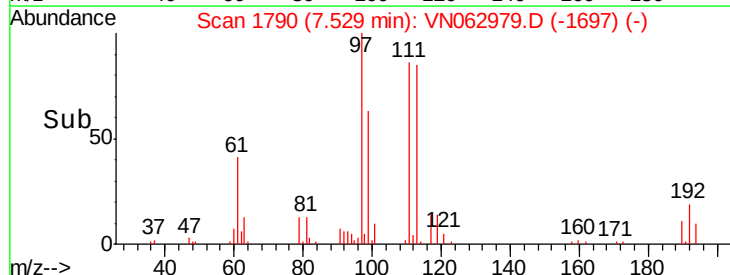
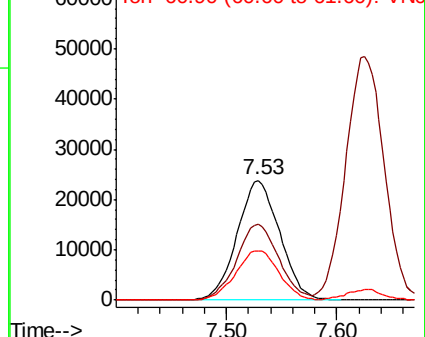
61 42.0 33.5 50.3

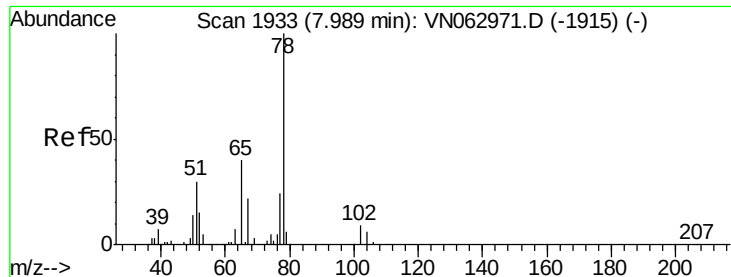


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

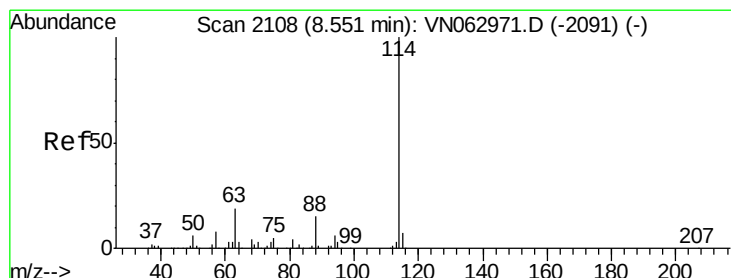
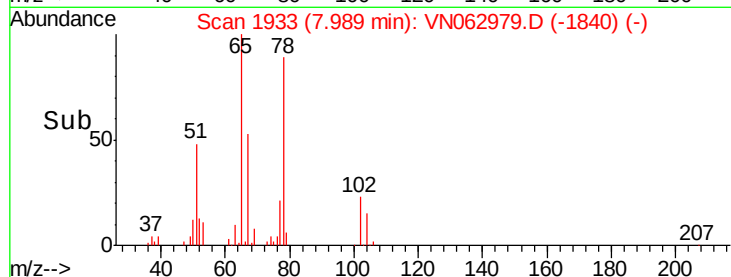
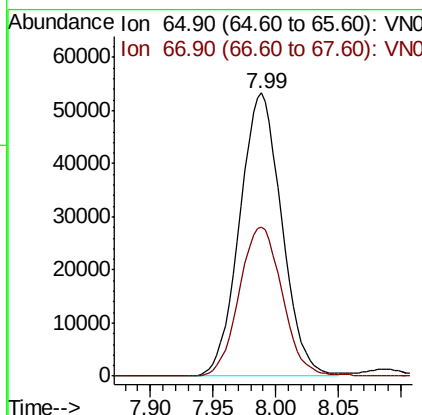
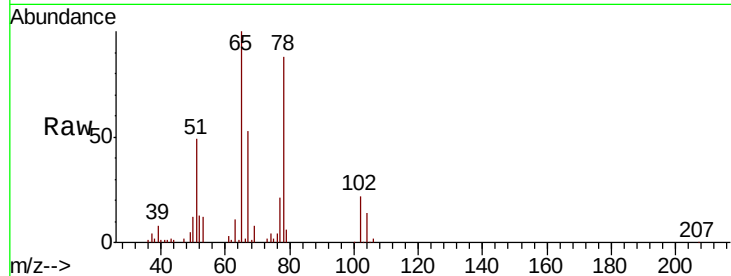




#33
 1,2-Dichloroethane-d4
 Concen: 47.998 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

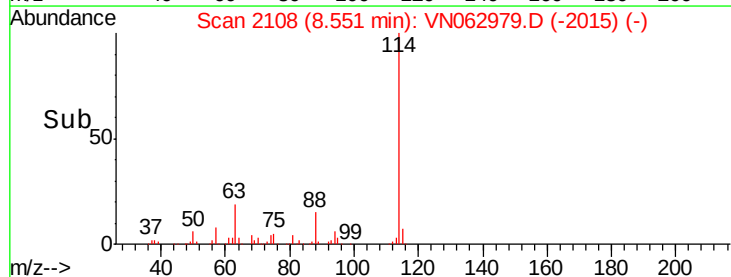
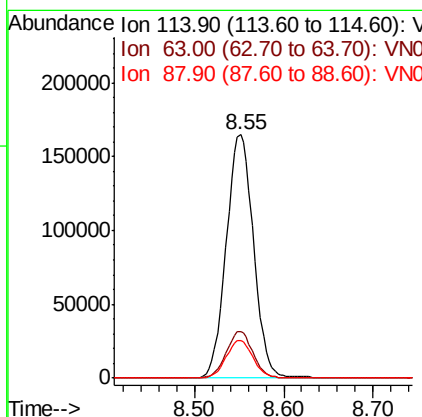
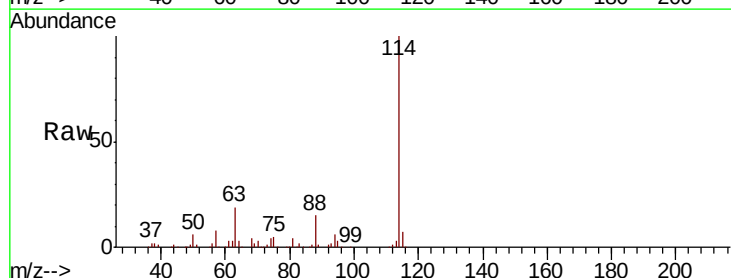
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

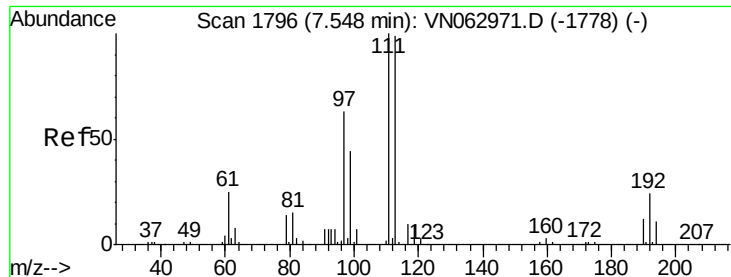
Tot Ion: 65 Resp: 124417
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion: 114 Resp: 349282
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.6
 88 15.2 0.0 31.0

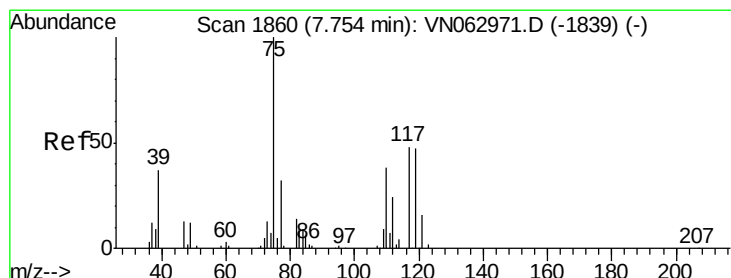
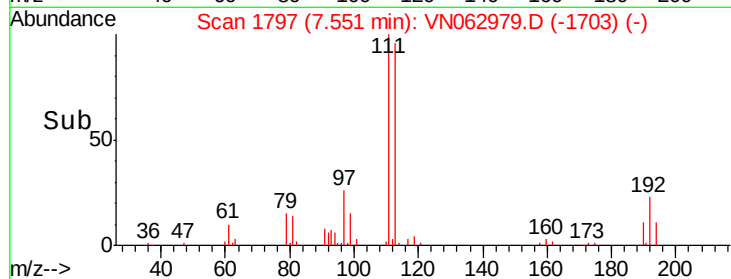
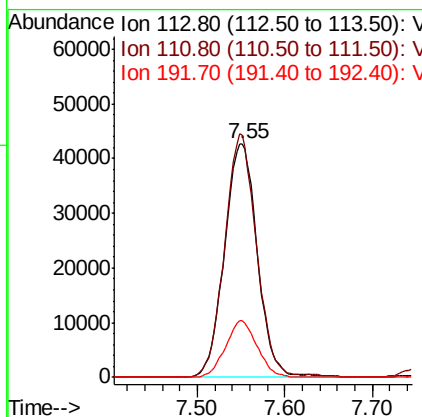
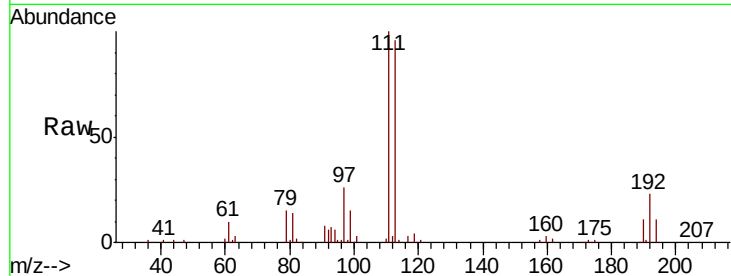




#35
 Dibromofluoromethane
 Concen: 48.814 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

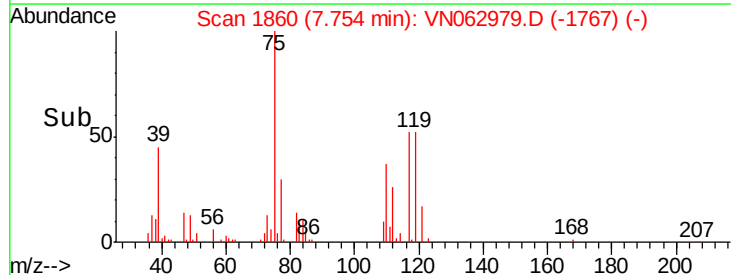
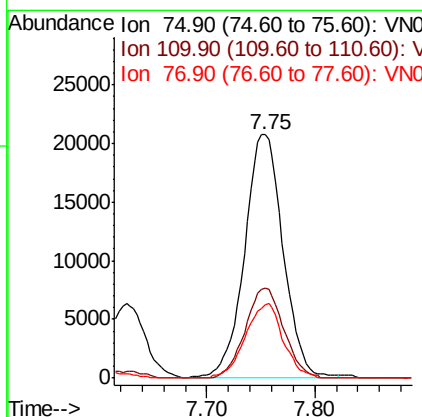
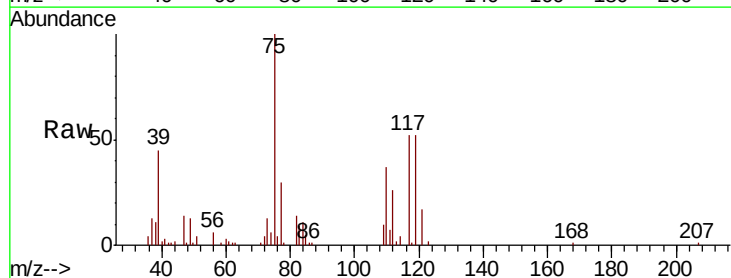
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

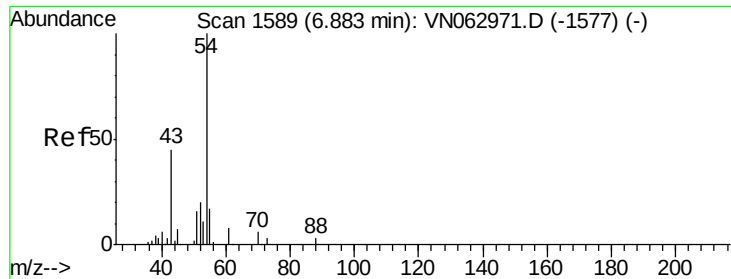
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.4	122.0
192	23.2	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 17.209 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.7	56.1
77	29.9	25.6	38.4

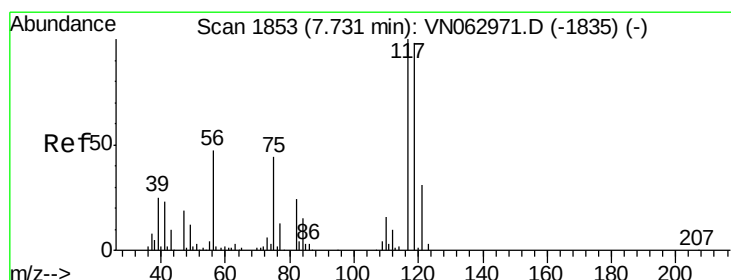
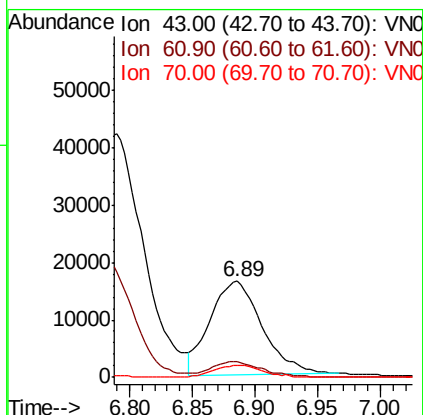
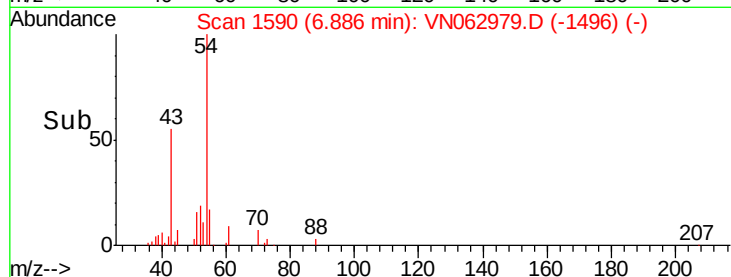
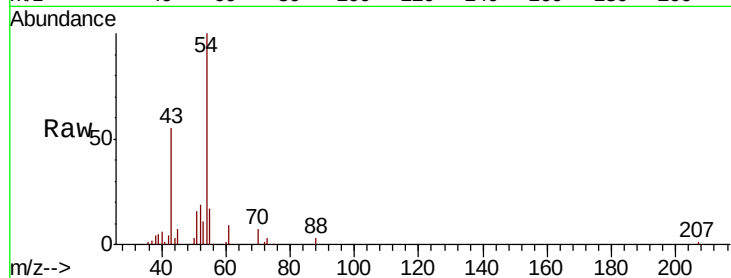




#37
Ethyl Acetate
Concen: 17.347 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

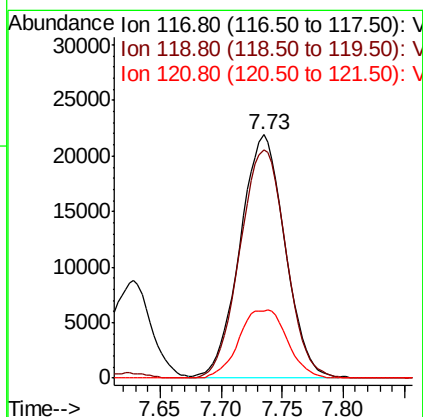
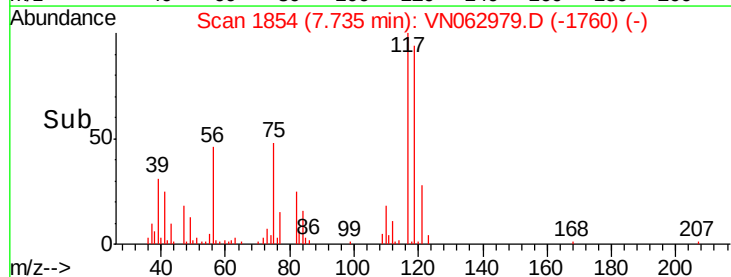
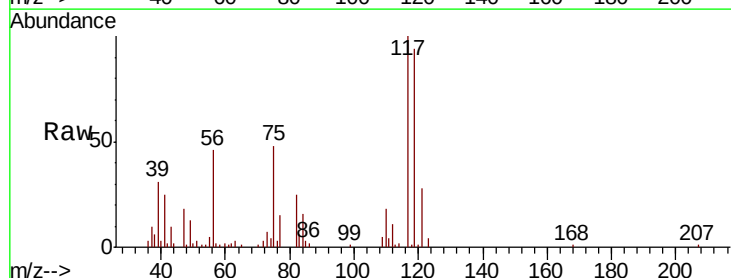
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

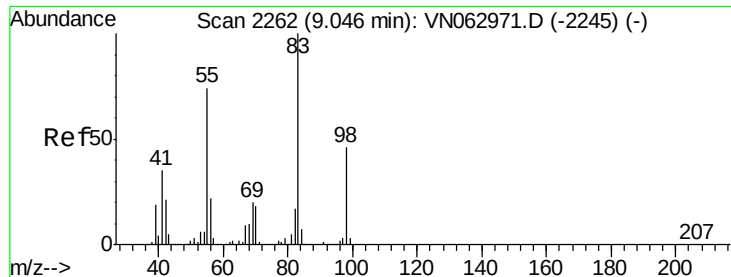
Tot Ion: 43 Resp: 47481
Ion Ratio Lower Upper
43 100
61 16.6 12.4 18.6
70 12.0 9.9 14.9



#38
Carbon Tetrachloride
Concen: 17.706 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion: 117 Resp: 56051
Ion Ratio Lower Upper
117 100
119 93.7 77.9 116.9
121 27.7 24.8 37.2

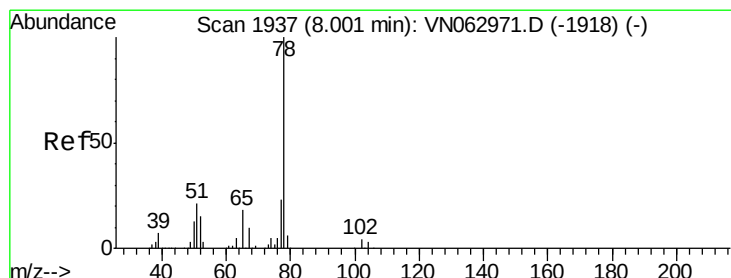
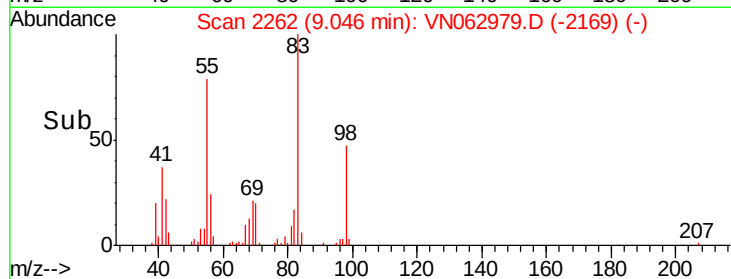
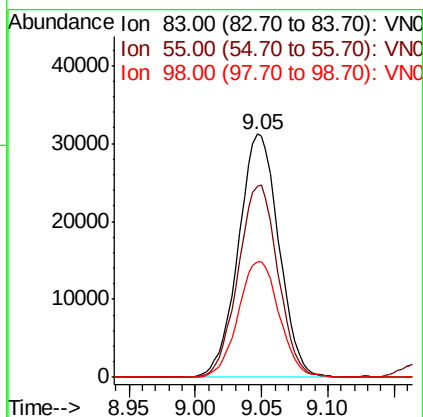
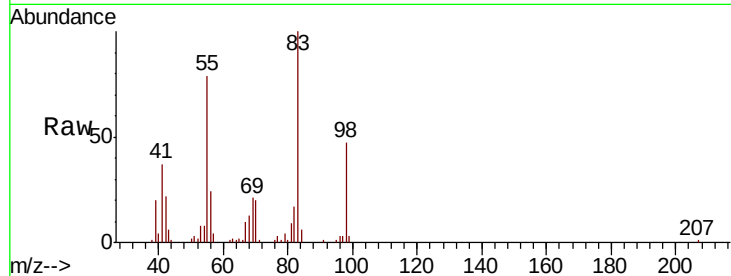




#39
Methvlcvclohexane
Concen: 16.678 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

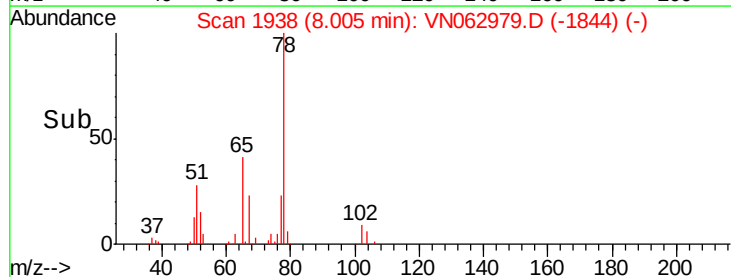
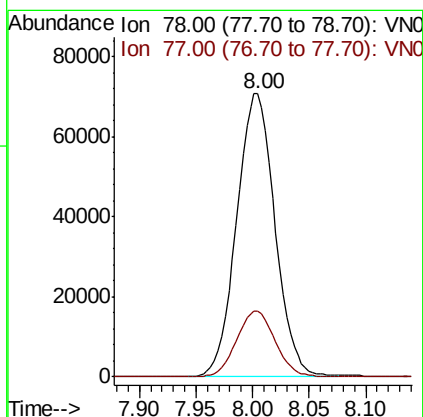
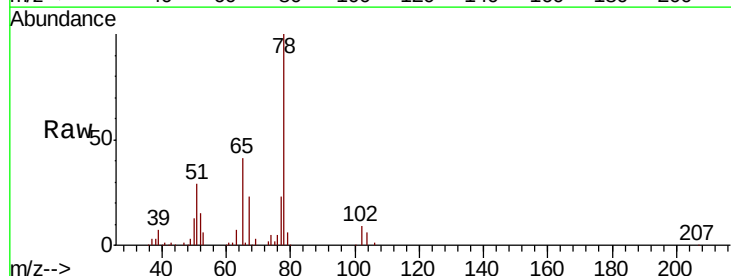
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

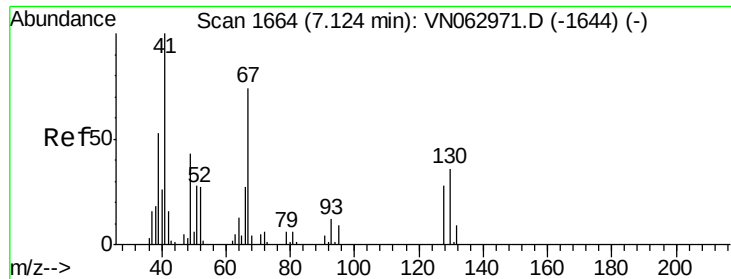
Tot Ion	83.00	Resp	66315
Ion	Ratio	Lower	Upper
83	100		
55	78.7	59.0	88.6
98	47.3	36.8	55.2



#40
Benzene
Concen: 17.635 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion	78.00	Resp	167138
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8

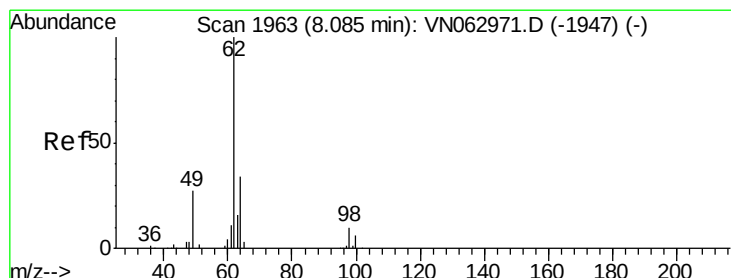
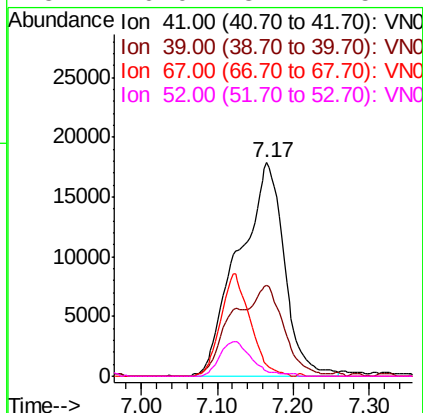
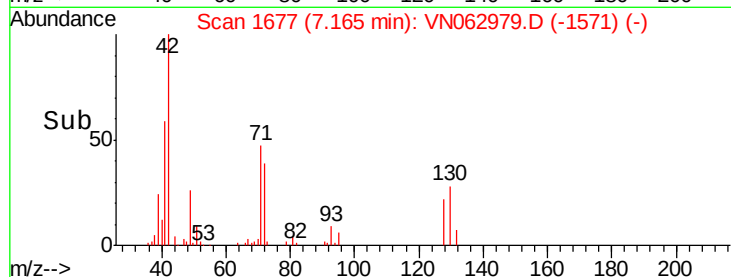
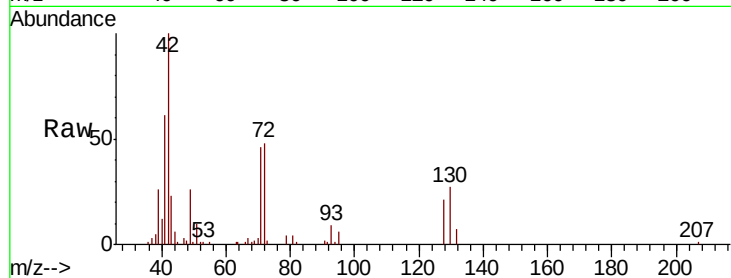




#41
Methacrylonitrile
Concen: 55.902 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

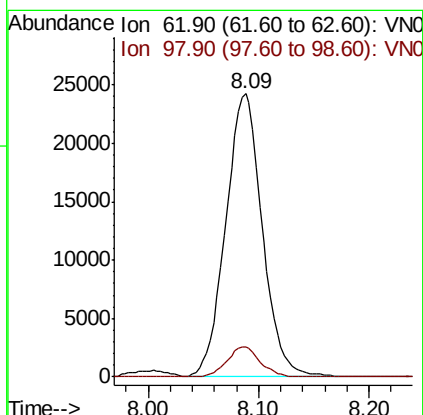
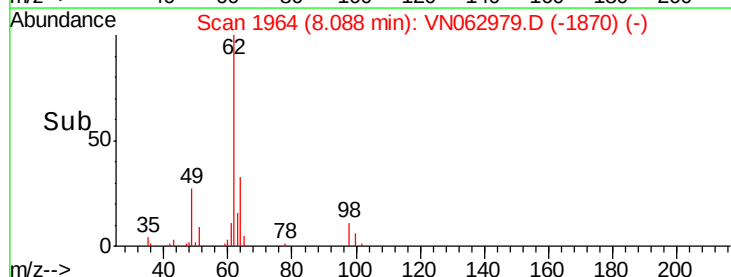
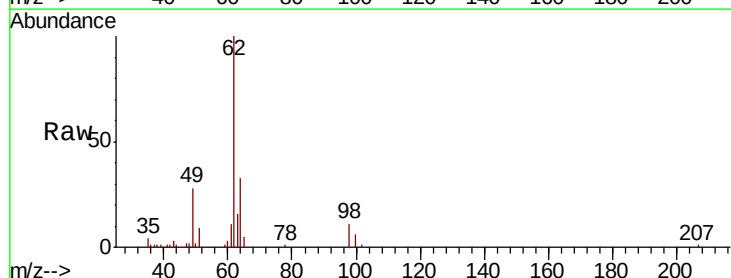
Instrument :
MSVOA_N
ClientSampled :
VN0817WBS01

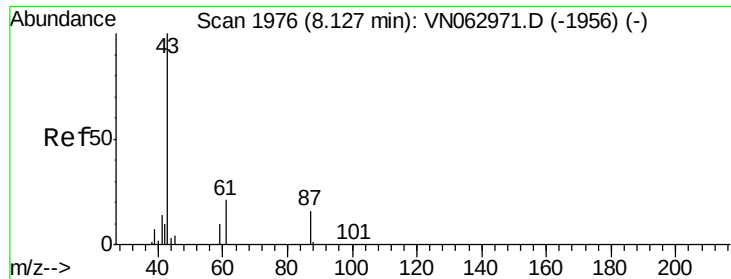
Tot Ion: 41 Resp: 75041
Ion Ratio Lower Upper
41 100
39 0.0 58.6 88.0#
67 0.0 90.1 135.1#
52 0.0 34.7 52.1#



#42
1,2-Dichloroethane
Concen: 17.908 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion: 62 Resp: 55708
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.8





#43

Isopropyl Acetate

Concen: 18.161 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

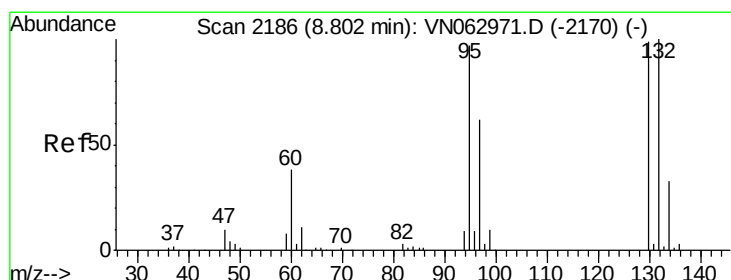
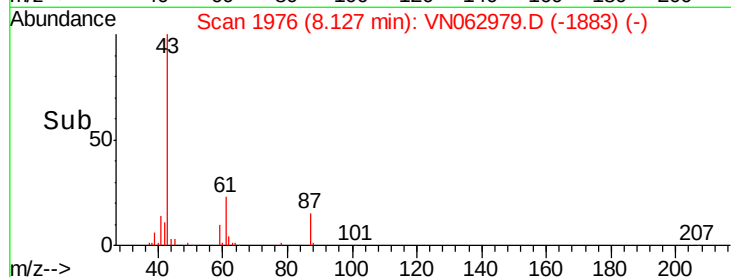
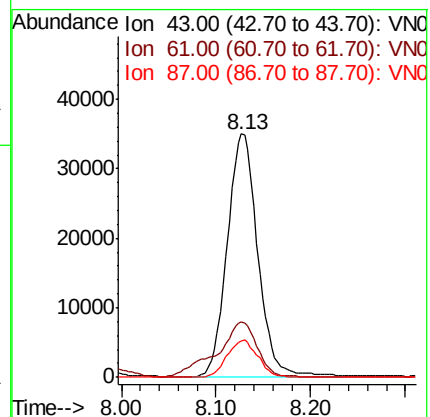
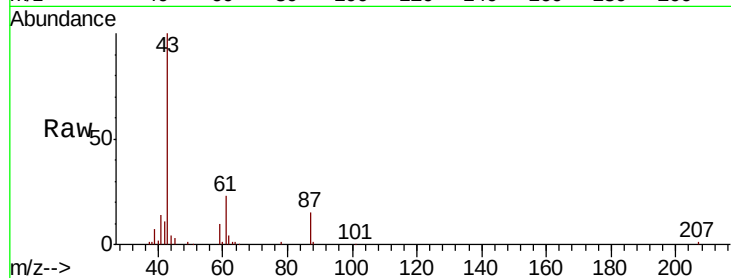
Tot Ion: 43 Resp: 78978

Ion Ratio Lower Upper

43 100

61 30.2 24.6 36.8

87 15.2 12.4 18.6



#44

Trichloroethene

Concen: 17.885 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062979.D

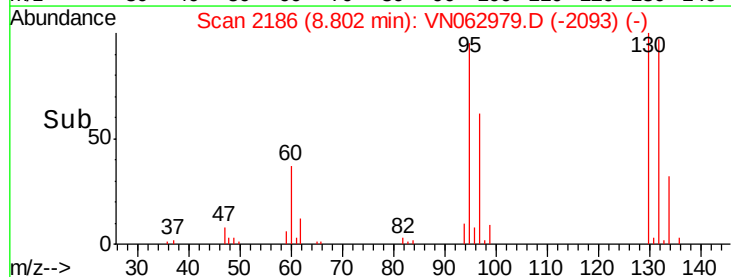
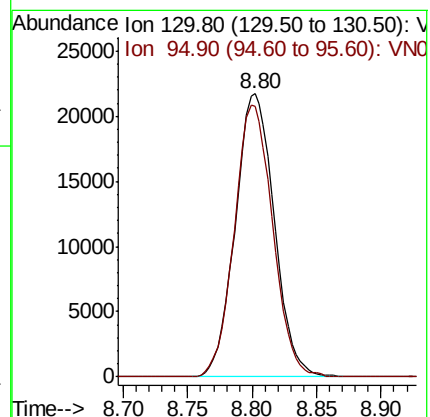
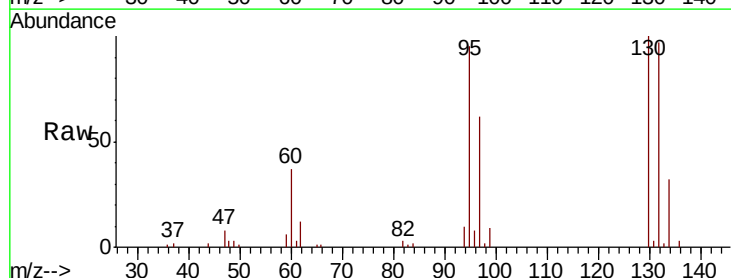
Acq: 17 Aug 2020 19:32

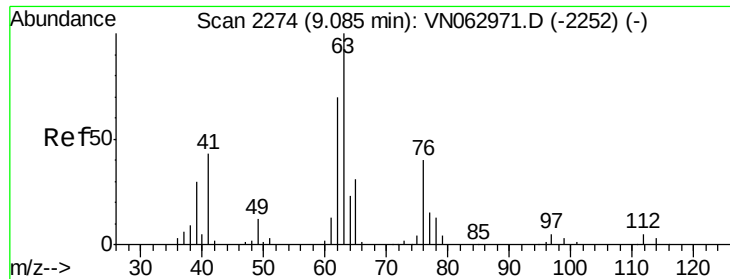
Tgt Ion:130 Resp: 45699

Ion Ratio Lower Upper

130 100

95 95.5 0.0 194.2

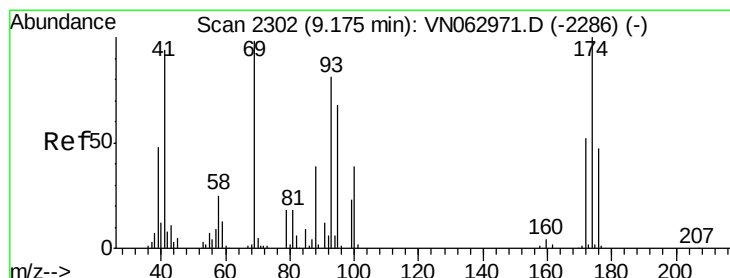
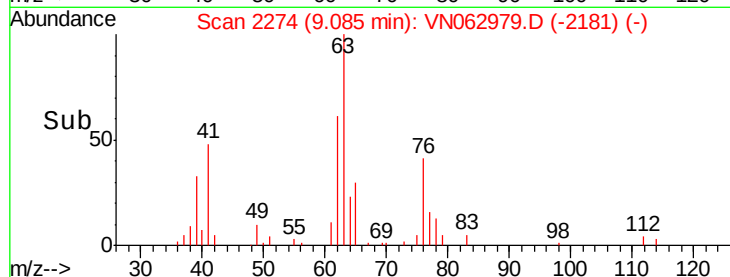
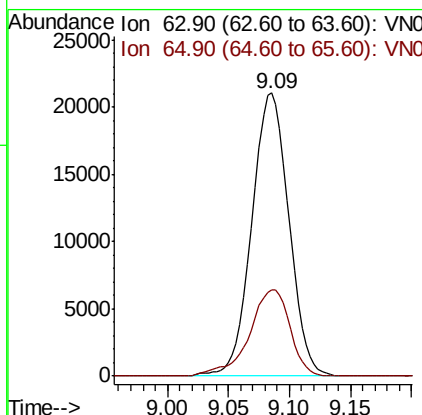
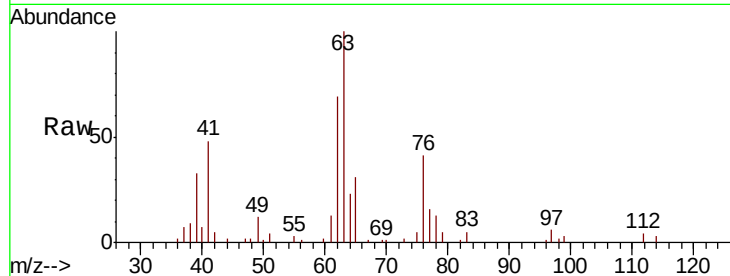




#45
 1,2-Dichloropropane
 Concen: 16.760 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

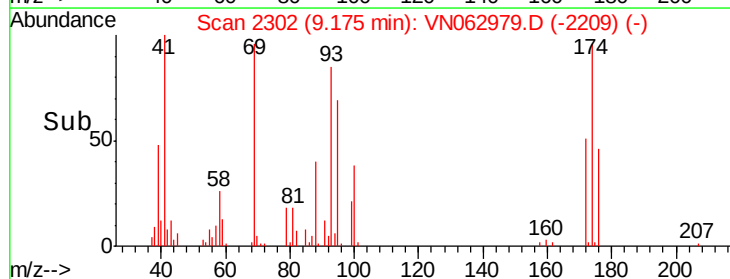
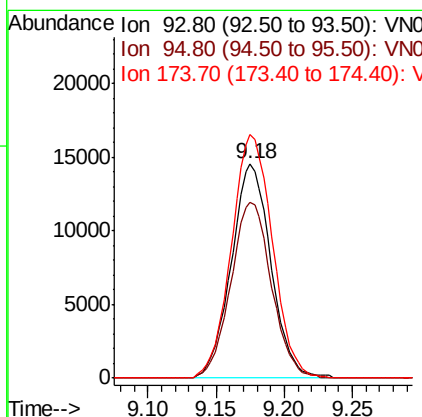
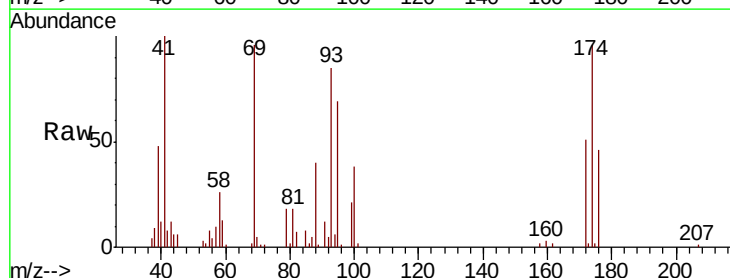
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

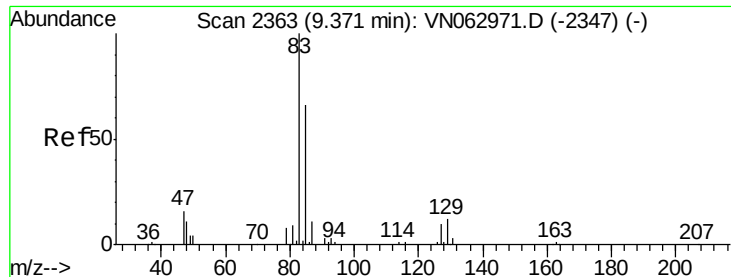
Tot Ion: 63 Resp: 44258
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.7 37.1



#46
 Dibromomethane
 Concen: 17.906 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion: 93 Resp: 29439
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 99.8
 174 117.4 96.6 145.0





#47

Bromodichloromethane

Concen: 18.035 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

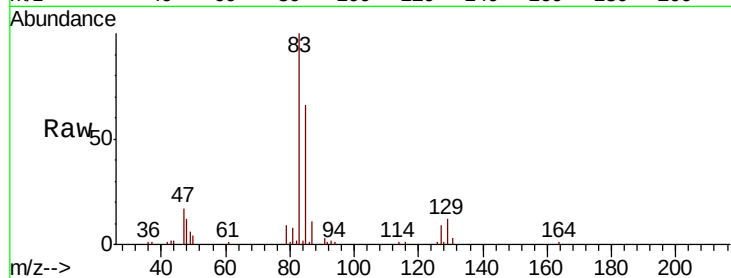
Tot Ion: 83 Resp: 60141

Ion Ratio Lower Upper

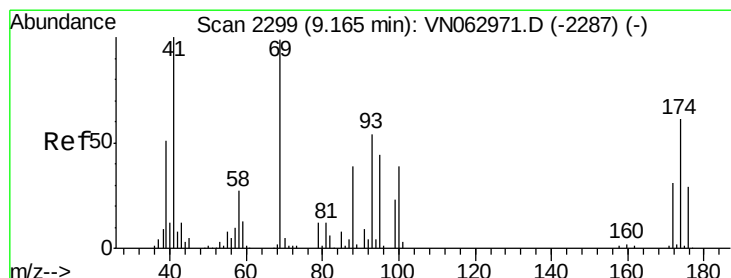
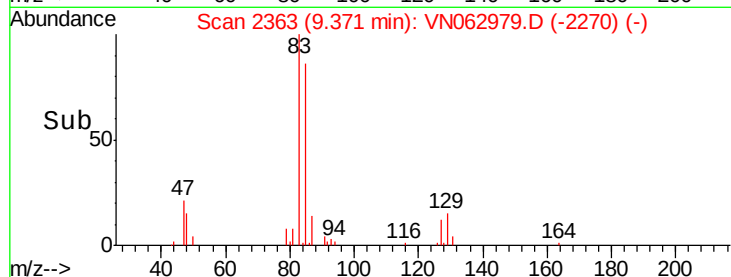
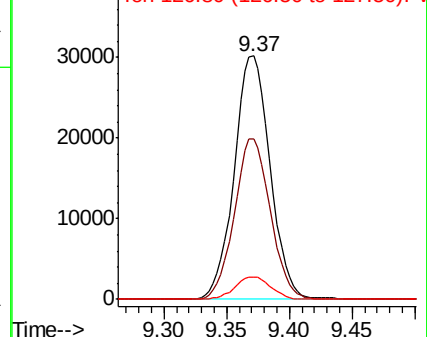
83 100

85 66.0 52.4 78.6

127 9.2 7.8 11.6



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



#48

Methyl methacrylate

Concen: 17.833 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

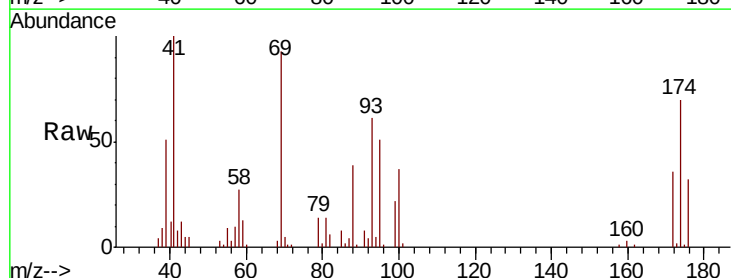
Tgt Ion: 41 Resp: 37934

Ion Ratio Lower Upper

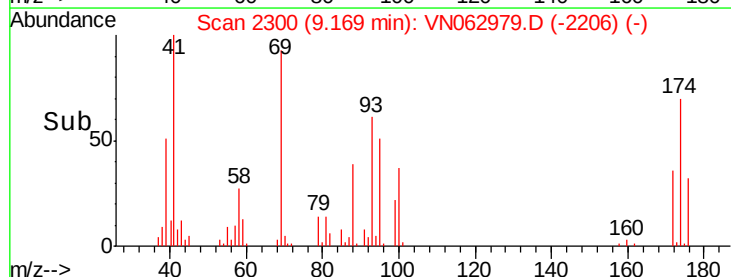
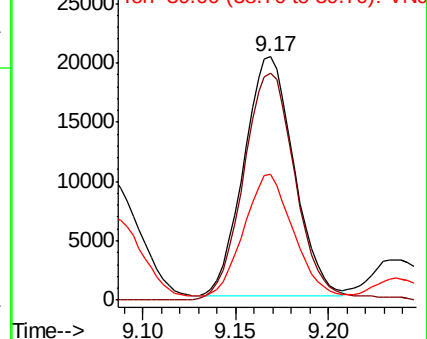
41 100

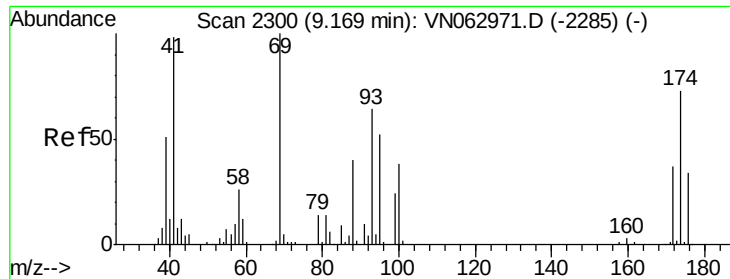
69 99.0 81.1 121.7

39 50.3 42.4 63.6



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





#49

1,4-Dioxane

Concen: 385.544 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

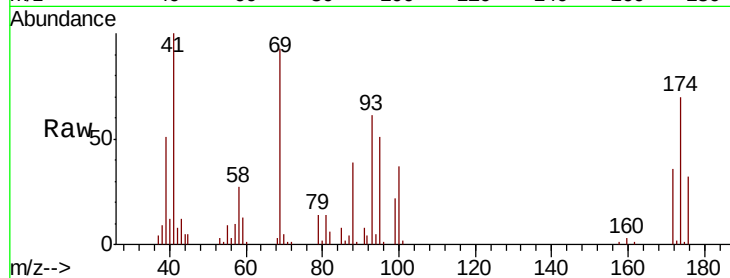
Tot Ion: 88 Resp: 17346

Ion Ratio Lower Upper

88 100

43 29.7 23.1 34.7

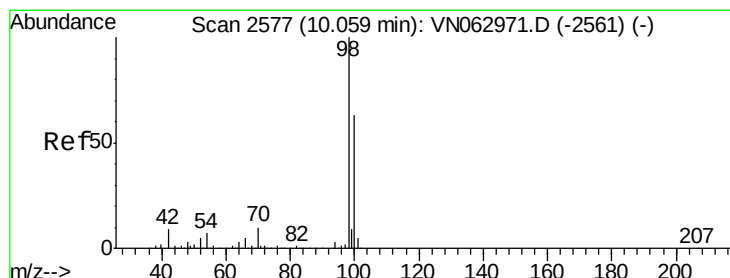
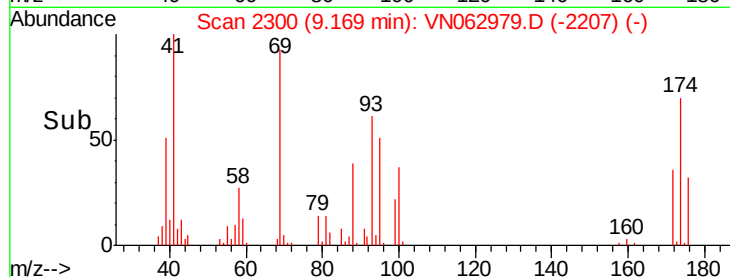
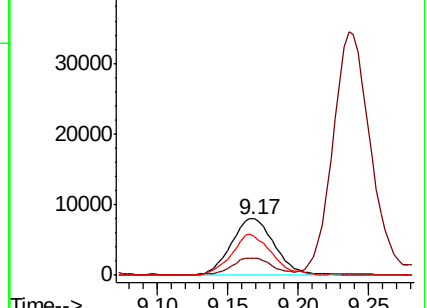
58 66.5 53.1 79.7



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: 48.803 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062979.D

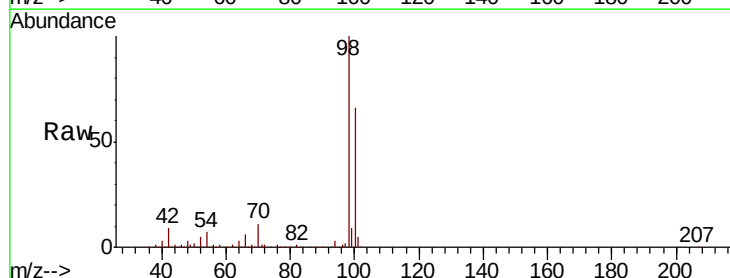
Acq: 17 Aug 2020 19:32

Tgt Ion: 98 Resp: 430883

Ion Ratio Lower Upper

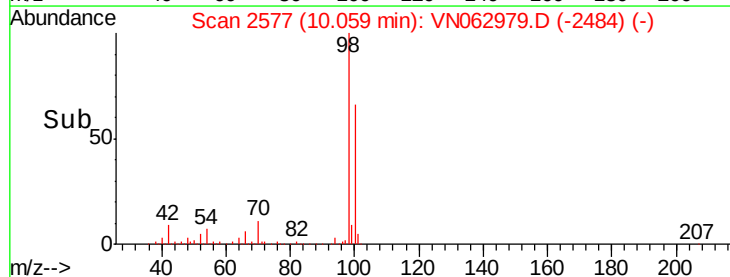
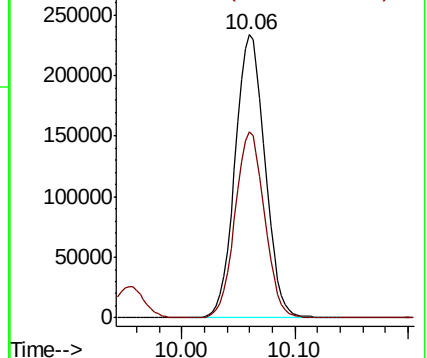
98 100

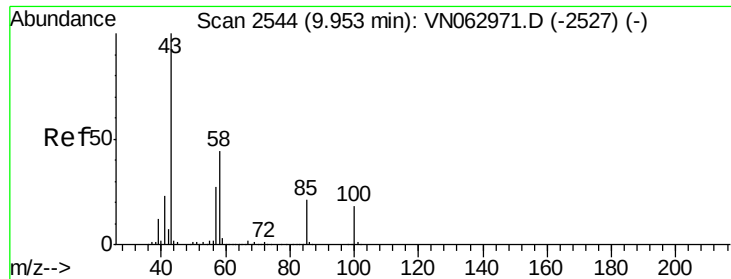
100 64.6 51.0 76.4



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: 91.485 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

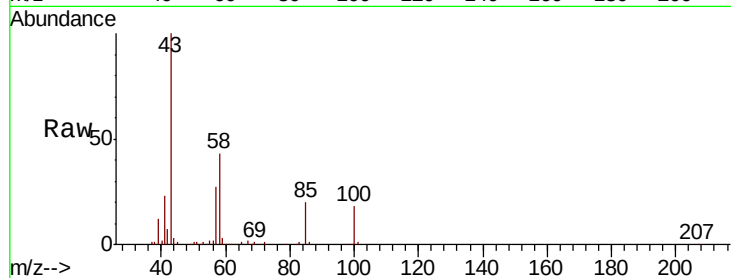
VN0817WBS01

Tot Ion: 43 Resp: 266193

Ion Ratio Lower Upper

43 100

58 42.6 34.3 51.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

150000

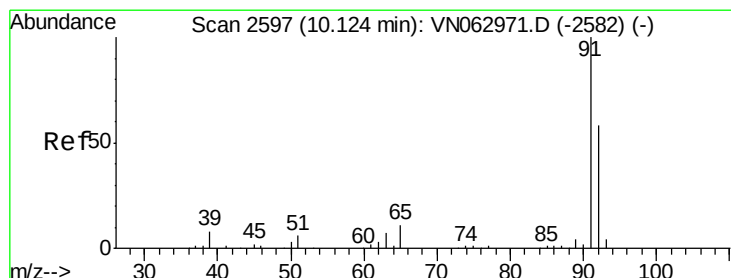
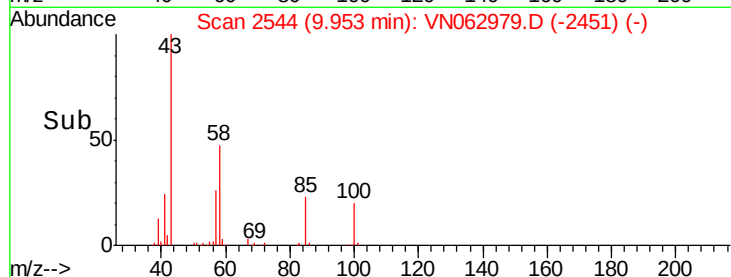
100000

50000

0

9.95

Time-->



#52

Toluene

Concen: 17.996 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062979.D

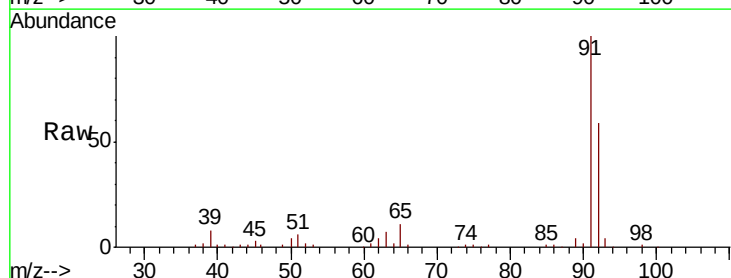
Acq: 17 Aug 2020 19:32

Tgt Ion: 92 Resp: 107749

Ion Ratio Lower Upper

92 100

91 172.7 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

120000

100000

80000

60000

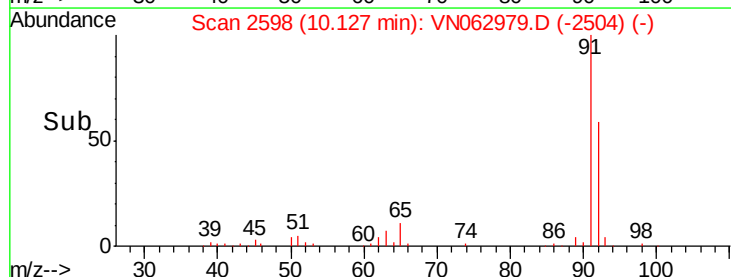
40000

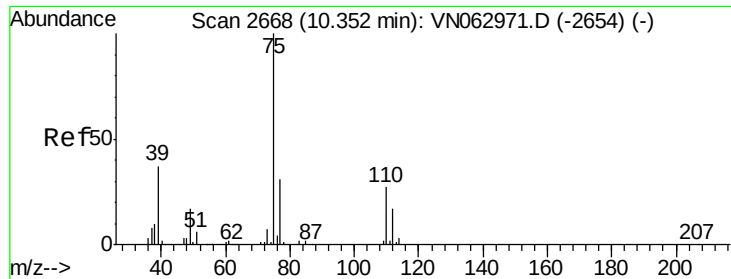
20000

0

10.13

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.626 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

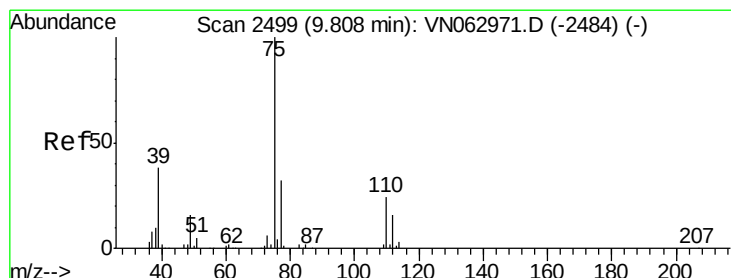
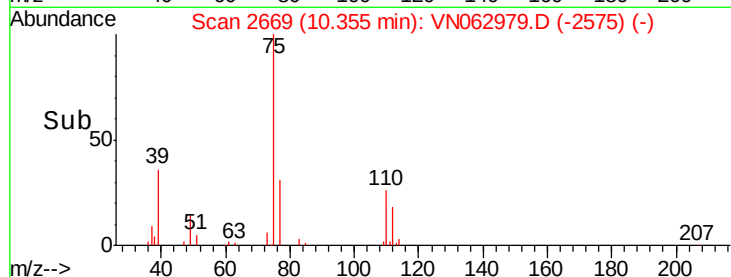
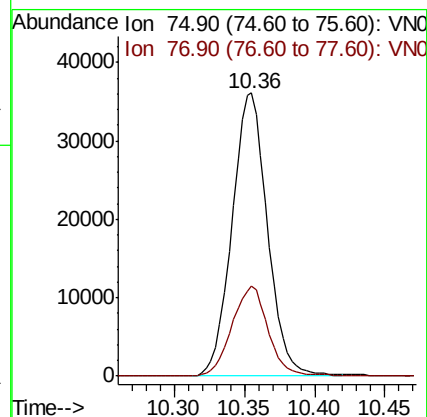
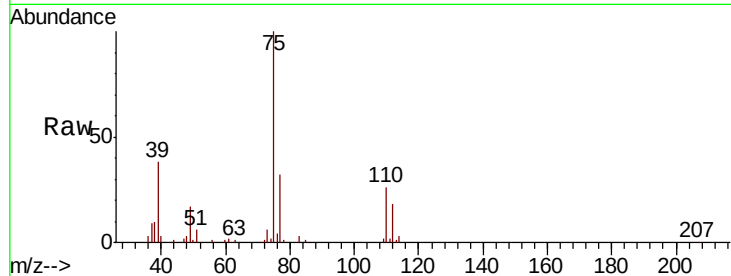
VN0817WBS01

Tot Ion: 75 Resp: 63401

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 18.327 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

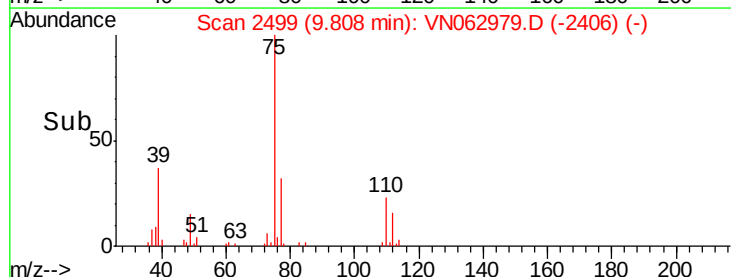
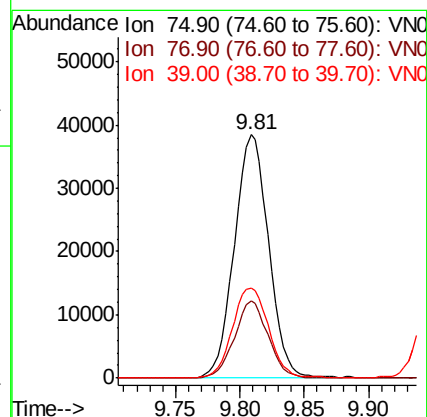
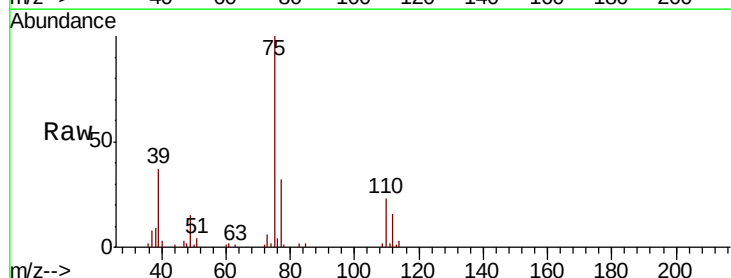
Tgt Ion: 75 Resp: 71158

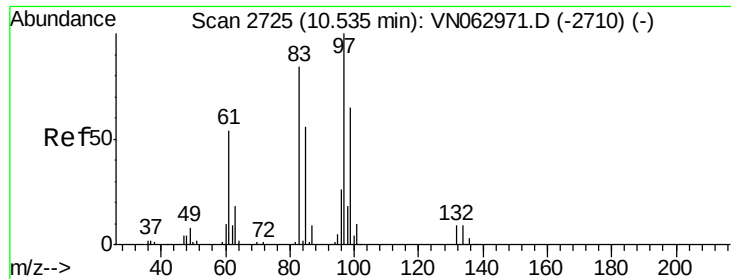
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 37.2 30.6 46.0

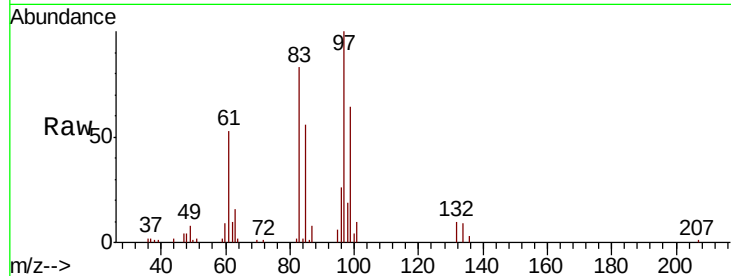




#55
 1,1,2-Trichloroethane
 Concen: 18.176 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Tot Ion:	97	Resp:	46129
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.0	100.4
85	55.8	44.4	66.6
99	63.8	51.9	77.9



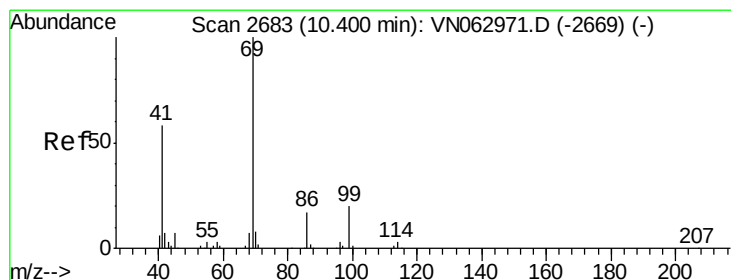
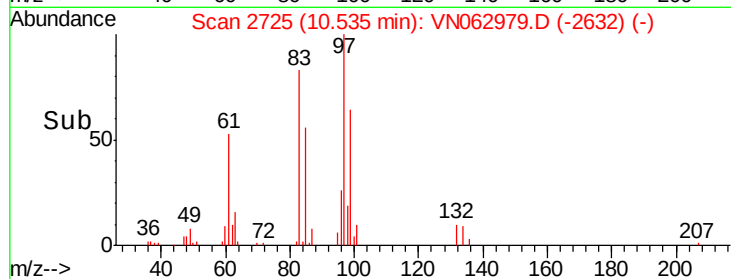
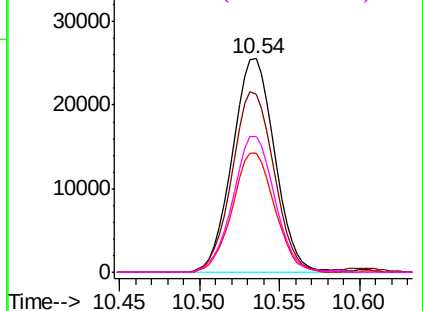
Abundance

Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

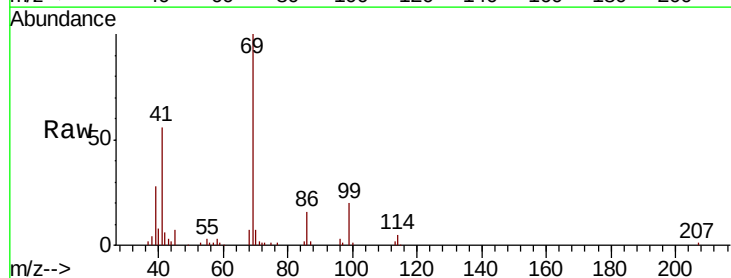
Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC



#56
 Ethyl methacrylate
 Concen: 18.484 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion:	69	Resp:	62674
Ion	Ratio	Lower	Upper
69	100		
41	59.1	46.0	69.0
39	29.8	23.4	35.0

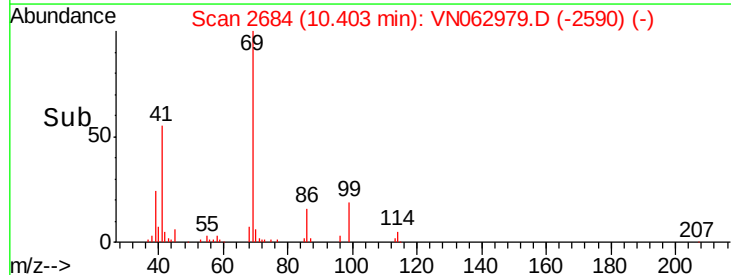
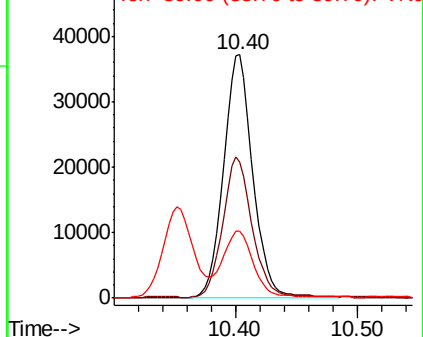


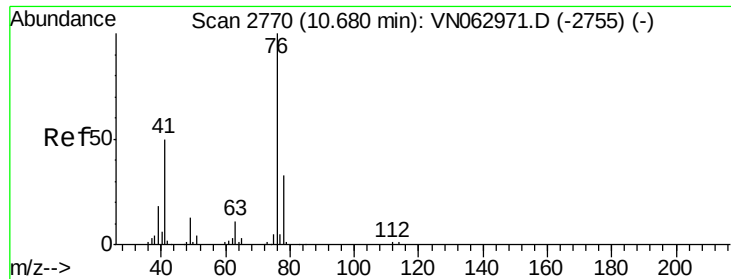
Abundance

Ion 69.00 (68.70 to 69.70): VNC

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

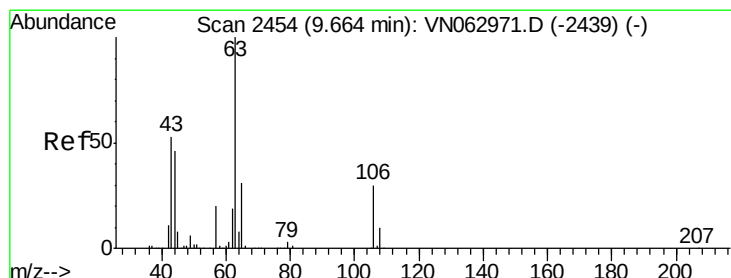
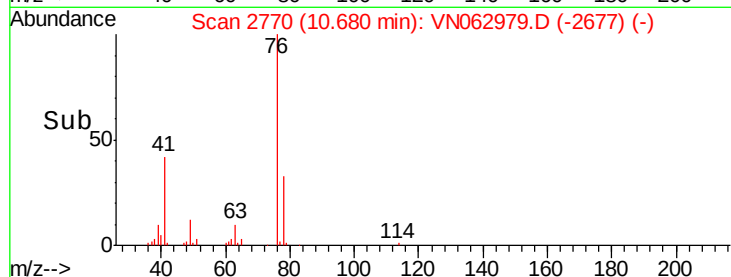
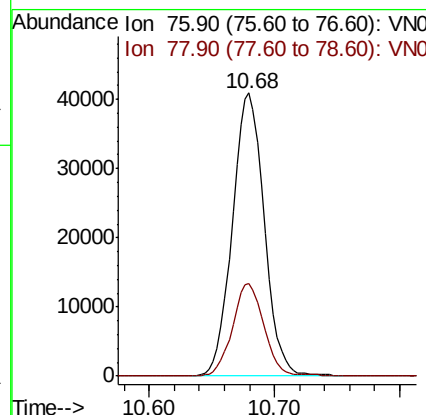
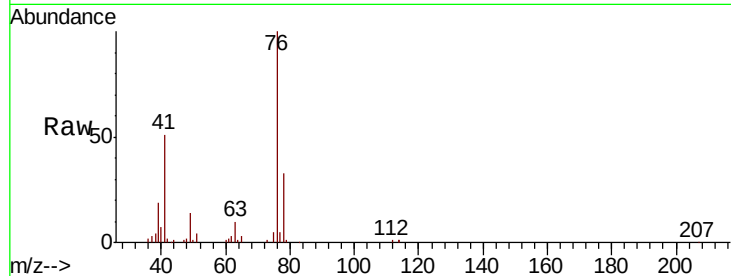




#57
 1,3-Dichloropropane
 Concen: 18.089 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

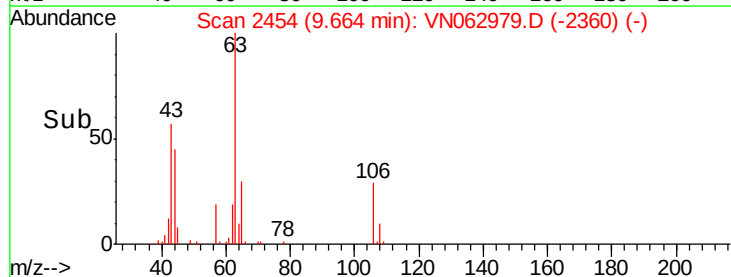
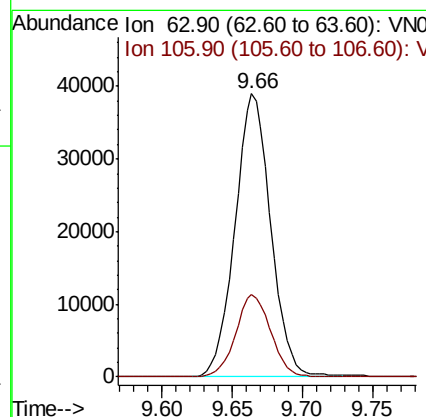
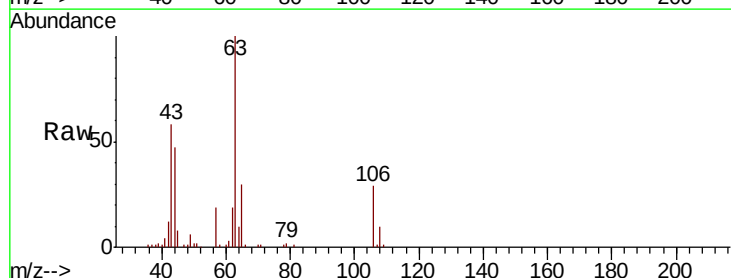
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

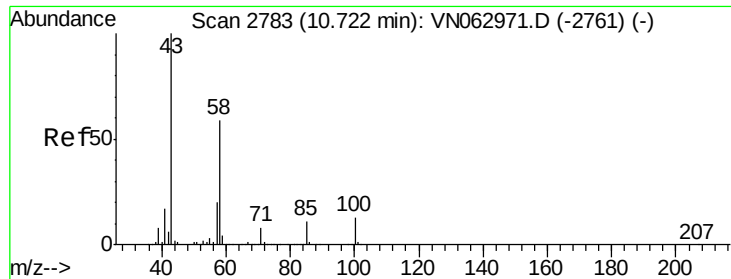
Tot Ion: 76 Resp: 72364
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.827 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion: 63 Resp: 69162
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.4 35.2

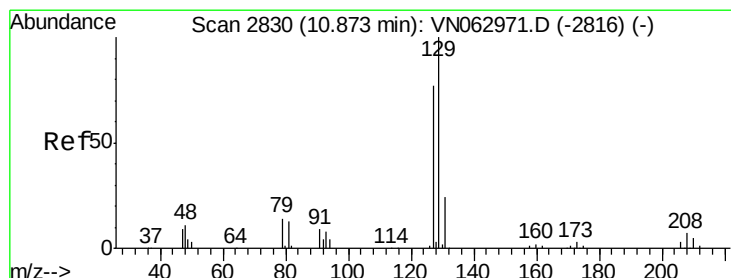
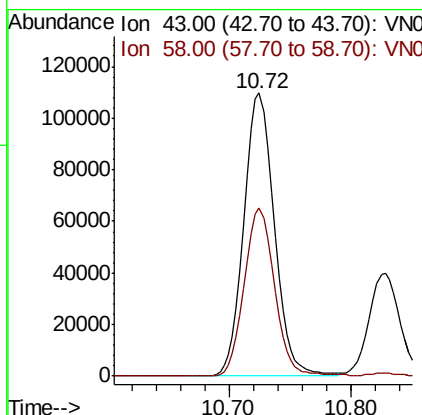
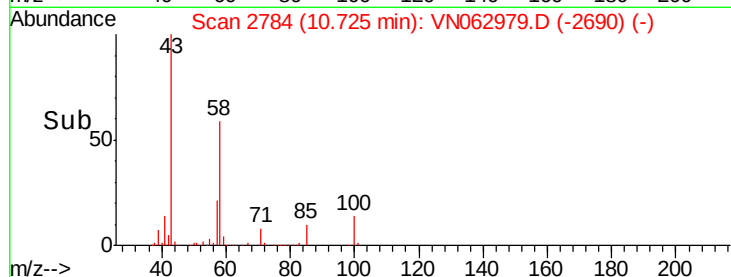
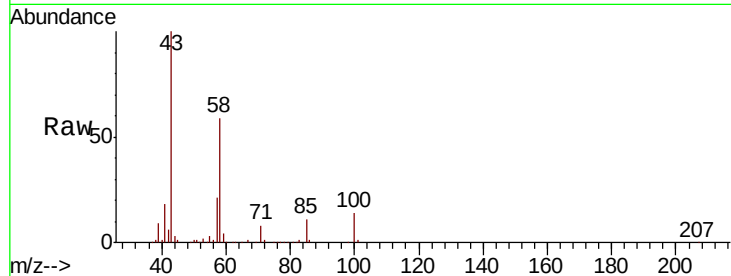




#59
2-Hexanone
Concen: 102.096 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

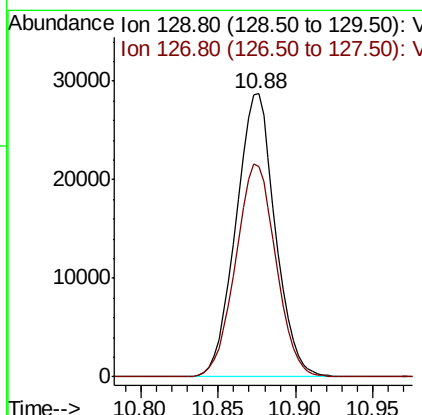
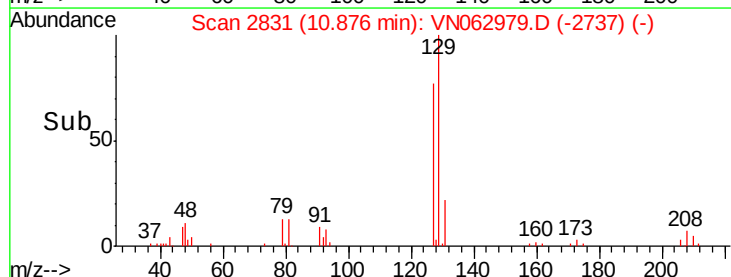
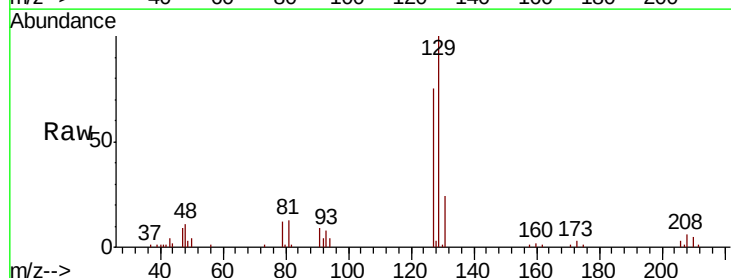
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

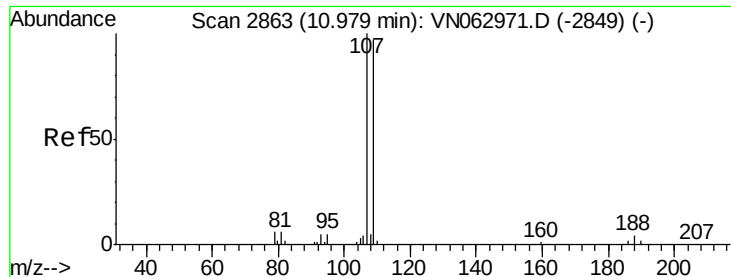
Tot Ion: 43 Resp: 189288
Ion Ratio Lower Upper
43 100
58 58.9 29.5 88.5



#60
Dibromochloromethane
Concen: 17.970 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion: 129 Resp: 50755
Ion Ratio Lower Upper
129 100
127 77.0 38.4 115.2

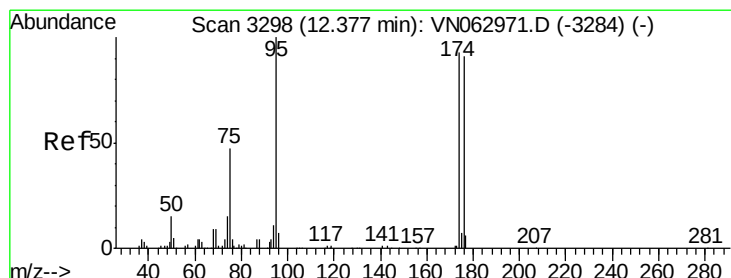
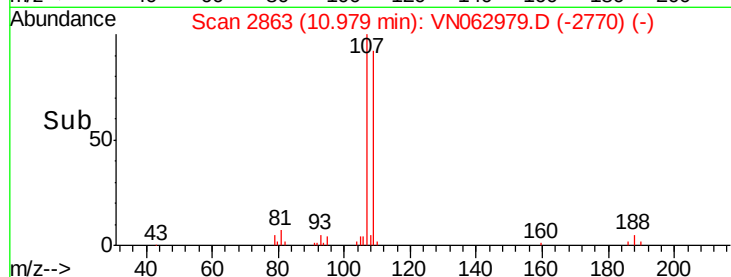
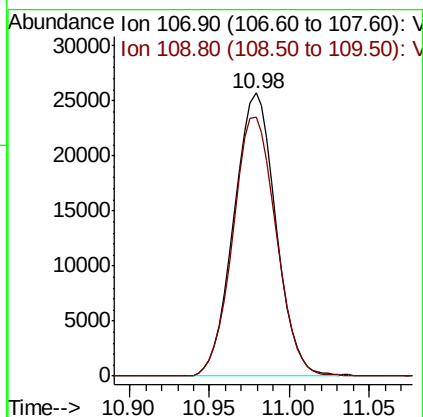
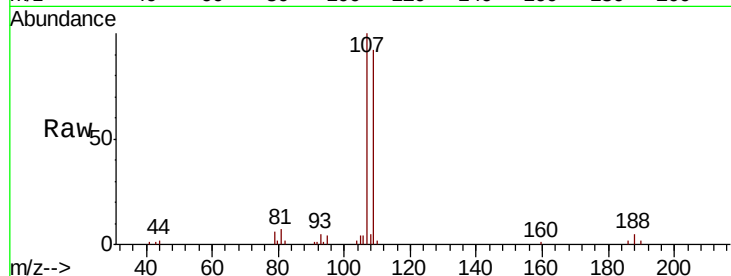




#61
 1,2-Dibromoethane
 Concen: 17.725 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

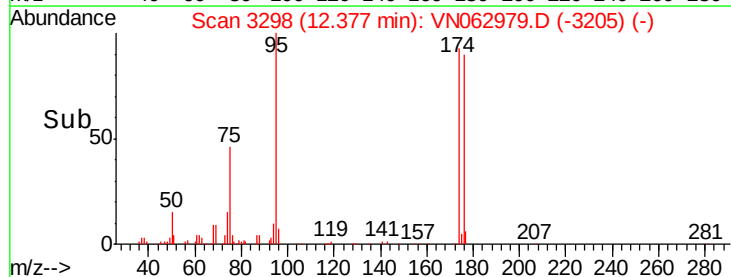
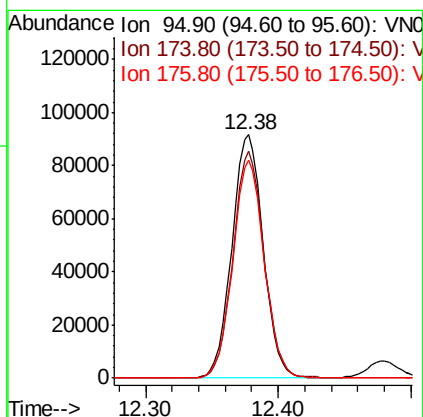
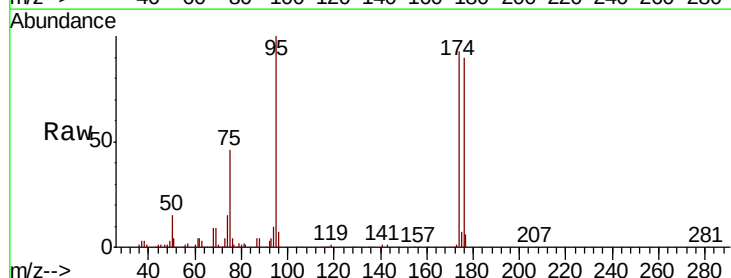
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

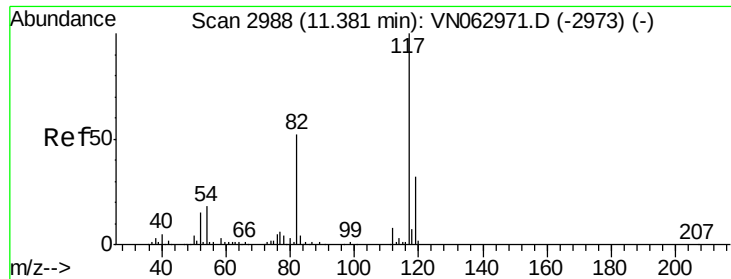
Tot Ion: 107 Resp: 45922
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 47.408 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion: 95 Resp: 150406
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 185.2
 176 89.7 0.0 178.8

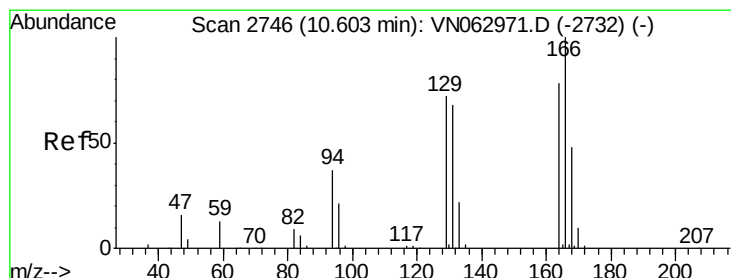
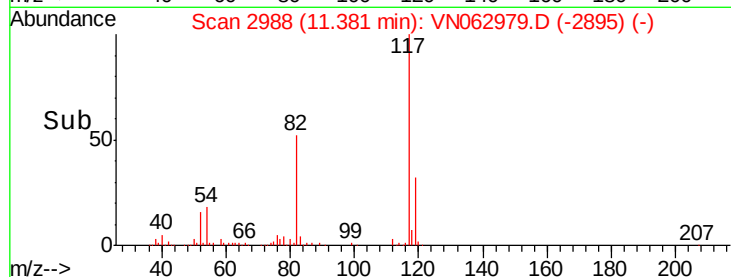
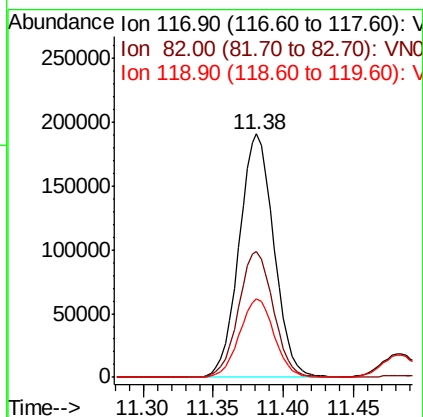
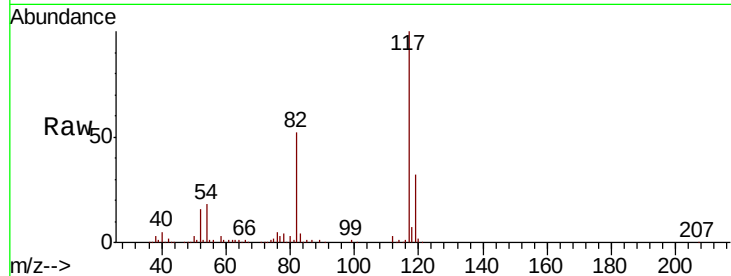




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

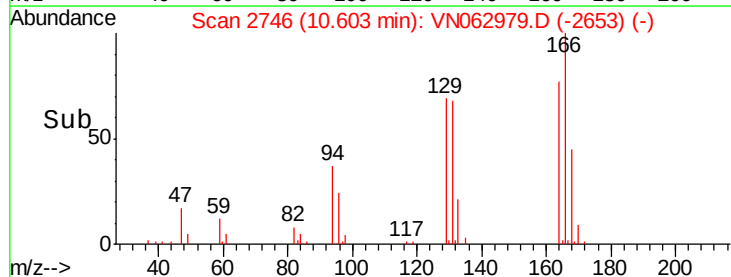
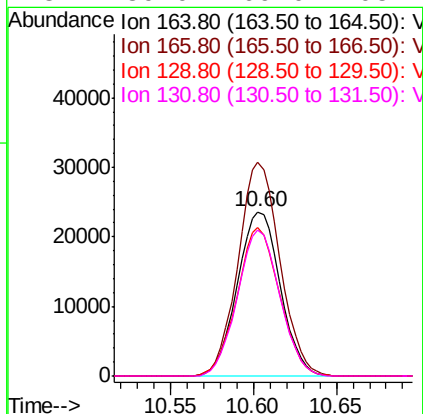
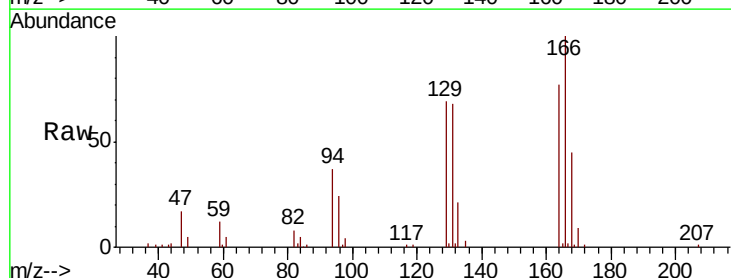
Instrument :
MSVOA_N
ClientSampled :
VN0817WBS01

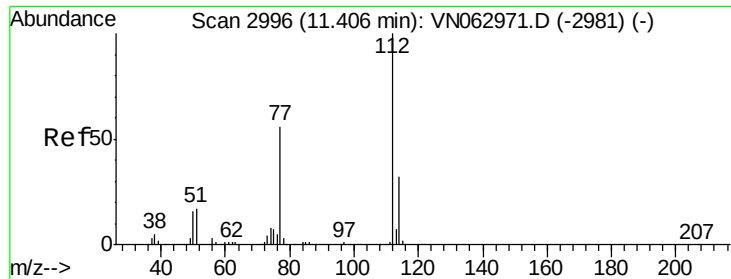
Tot Ion:117 Resp: 329829
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 18.715 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion:164 Resp: 42339
Ion Ratio Lower Upper
164 100
166 130.0 101.9 152.9
129 90.3 73.1 109.7
131 89.0 69.0 103.4

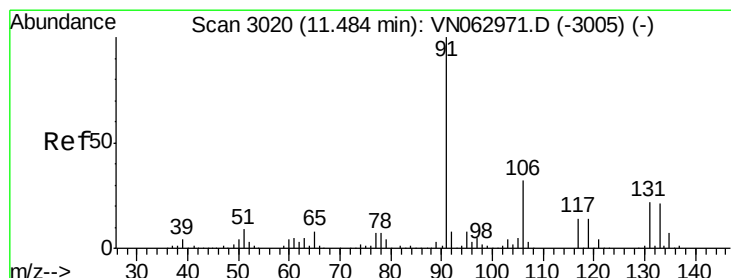
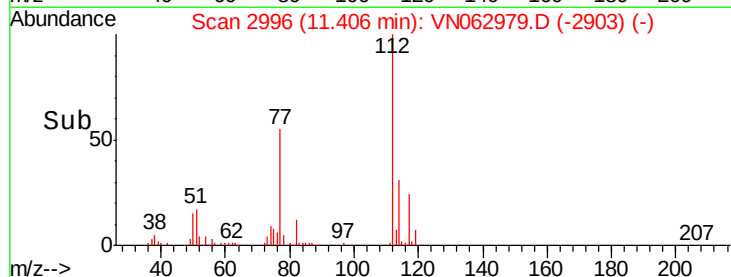
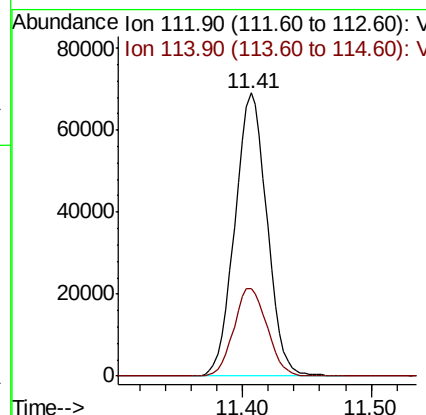
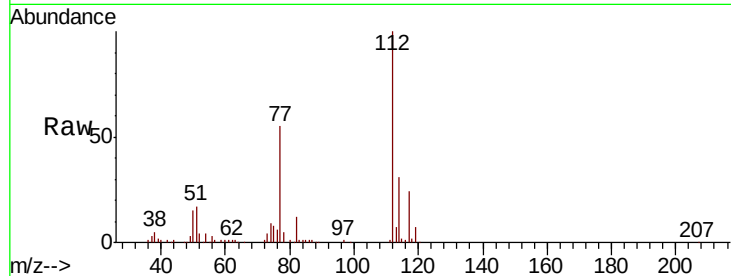




#65
Chlorobenzene
Concen: 17.670 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

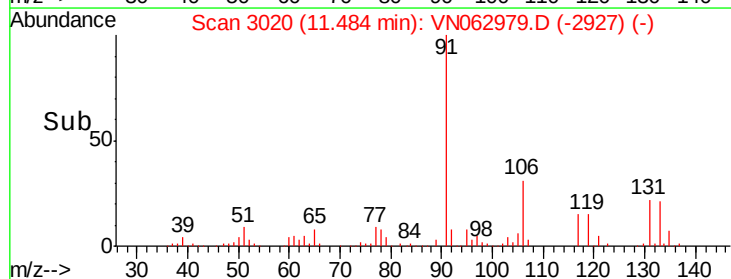
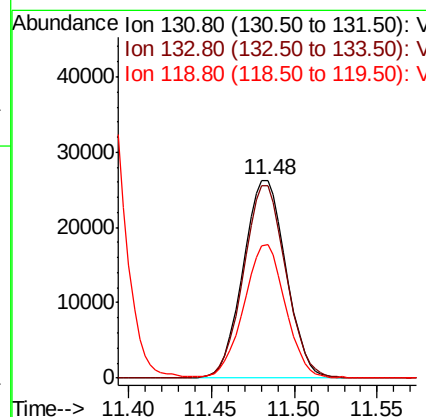
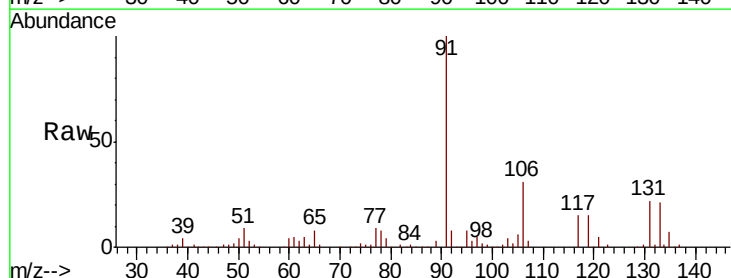
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

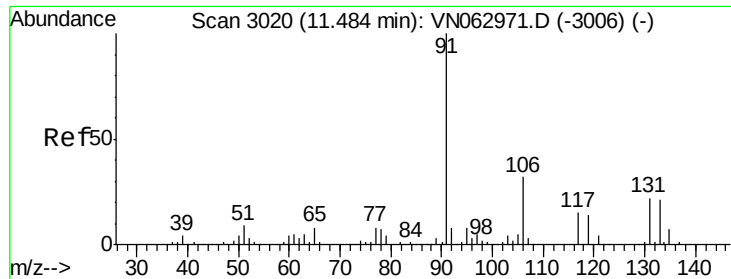
Tot Ion:112 Resp: 119293
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.040 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion:131 Resp: 47302
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.4
119 65.5 32.4 97.0

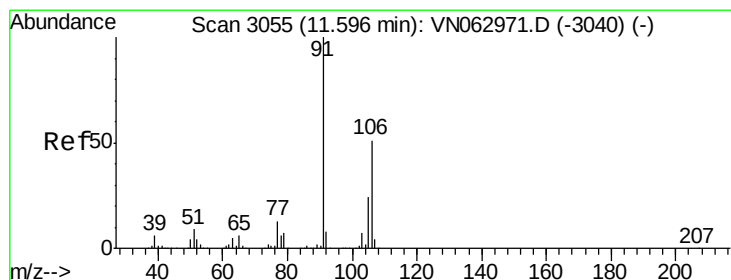
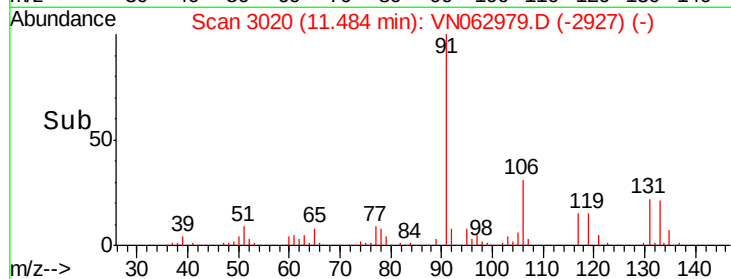
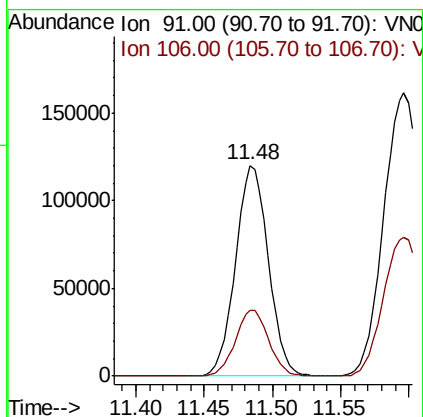
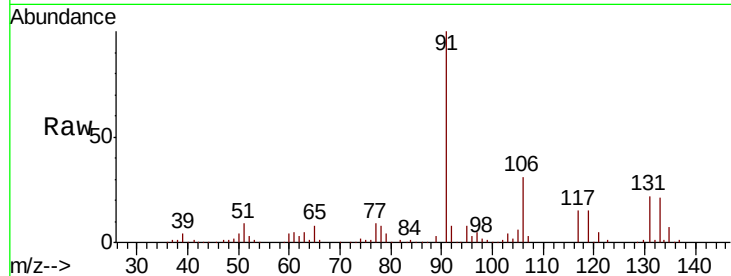




#67
Ethyl Benzene
Concen: 17.673 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

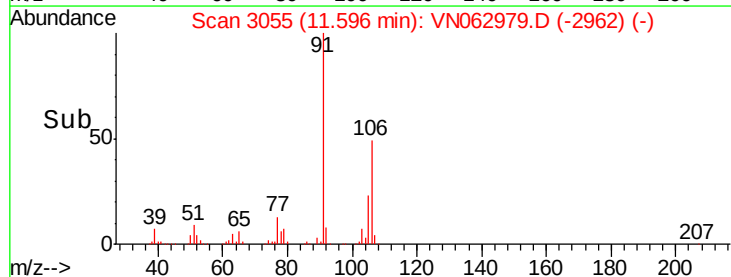
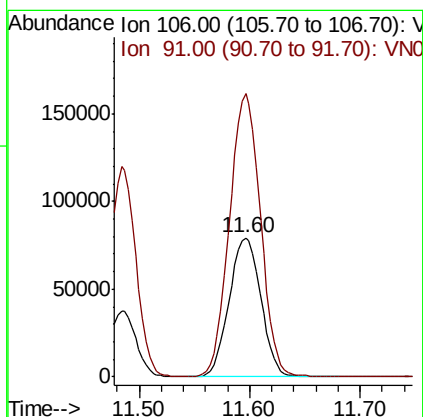
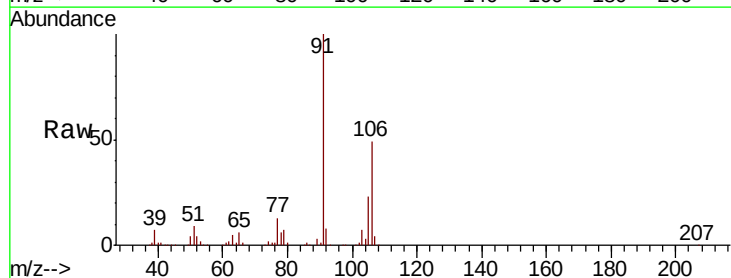
Instrument :
MSVOA_N
ClientSampled :
VN0817WBS01

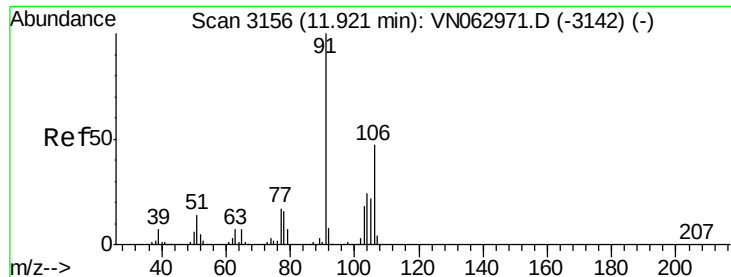
Tot Ion: 91 Resp: 200998
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9



#68
m/p-Xylenes
Concen: 36.927 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion: 106 Resp: 158593
Ion Ratio Lower Upper
106 100
91 197.5 158.7 238.1

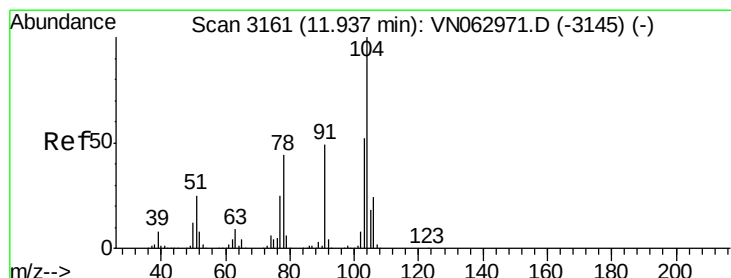
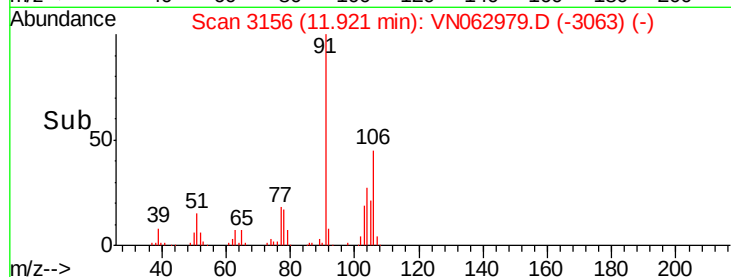
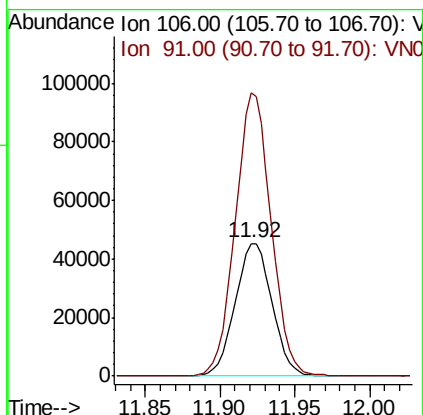
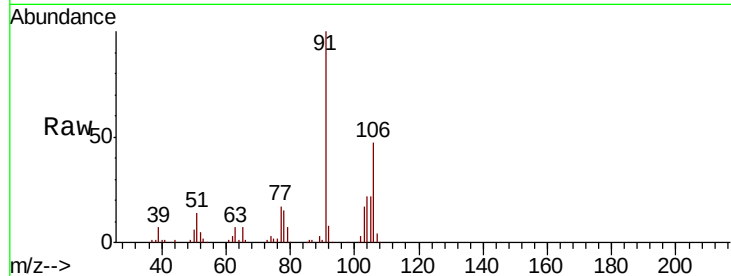




#69
o-Xylene
Concen: 19.015 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

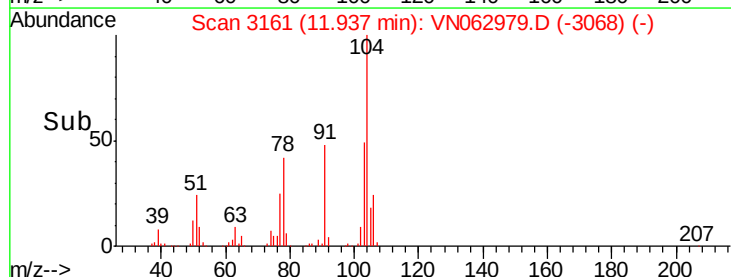
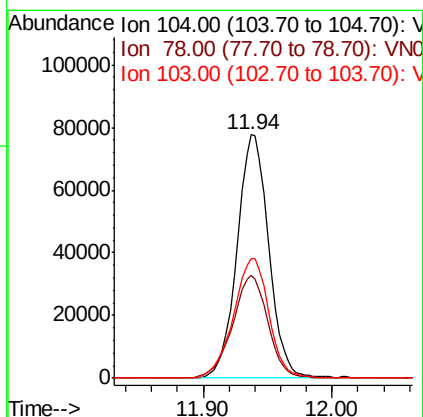
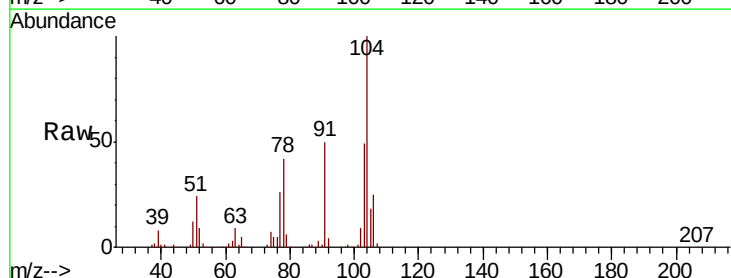
Instrument :
MSVOA_N
ClientSampled :
VN0817WBS01

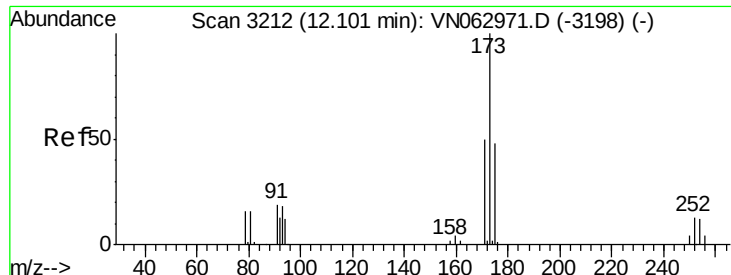
Tot Ion:106 Resp: 77575
Ion Ratio Lower Upper
106 100
91 207.5 106.3 318.8



#70
Styrene
Concen: 18.751 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion:104 Resp: 132680
Ion Ratio Lower Upper
104 100
78 46.9 38.2 57.4
103 54.9 44.9 67.3





#71

Bromoform

Concen: 19.307 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

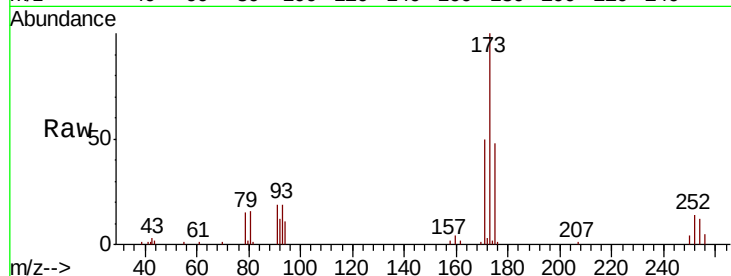
Tot Ion:173 Resp: 42316

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.2

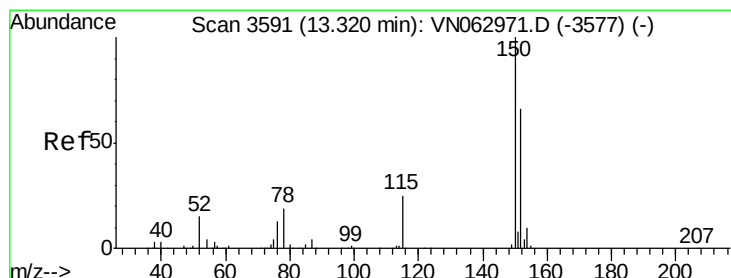
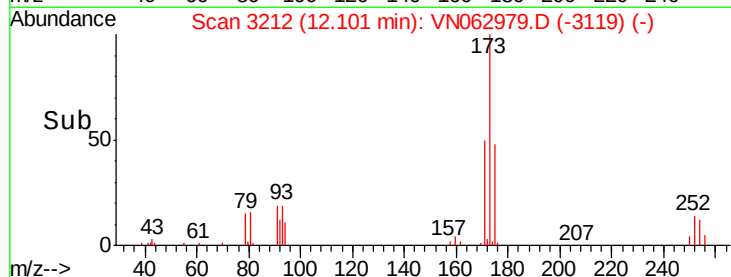
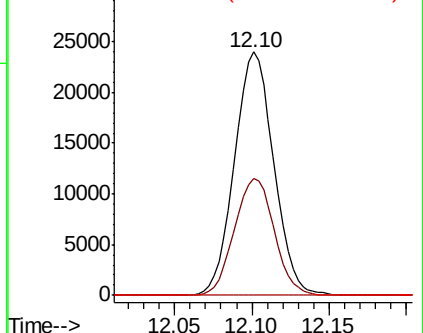
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

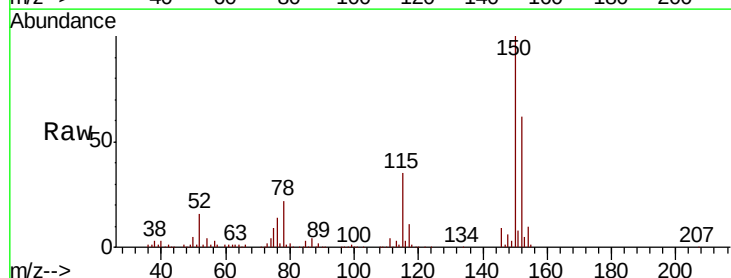
Tgt Ion:152 Resp: 158186

Ion Ratio Lower Upper

152 100

115 57.4 27.1 81.3

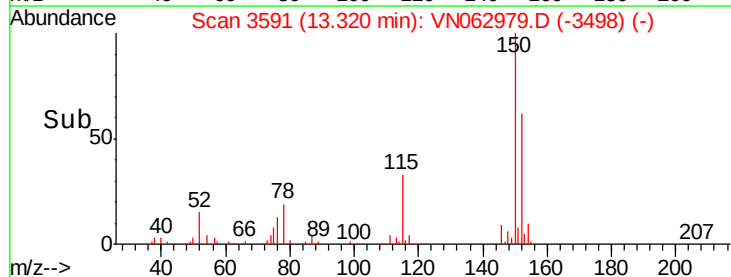
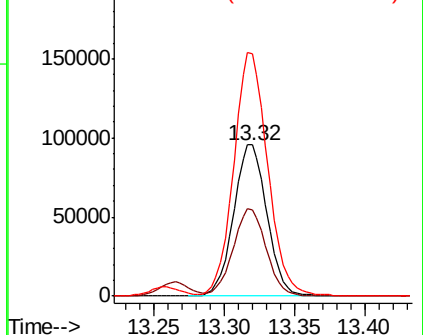
150 163.8 0.0 341.4

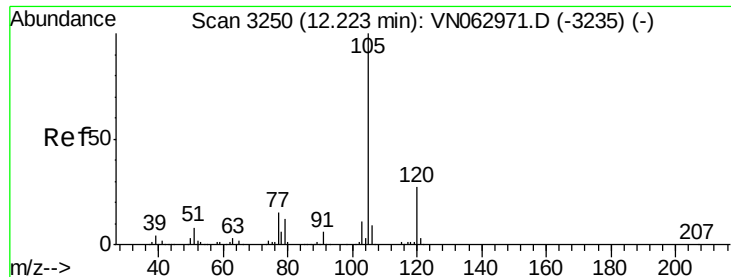


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

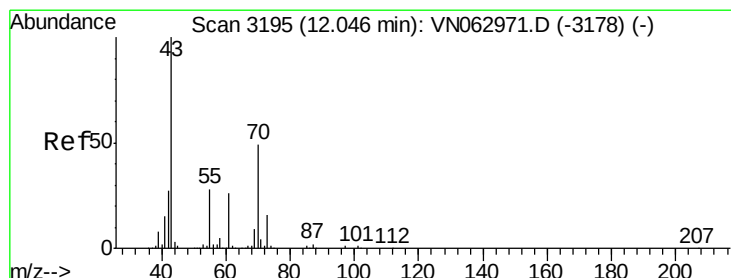
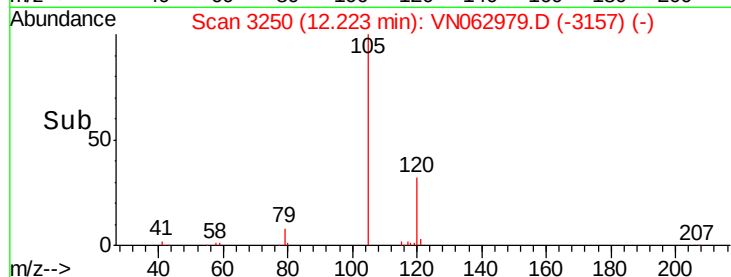
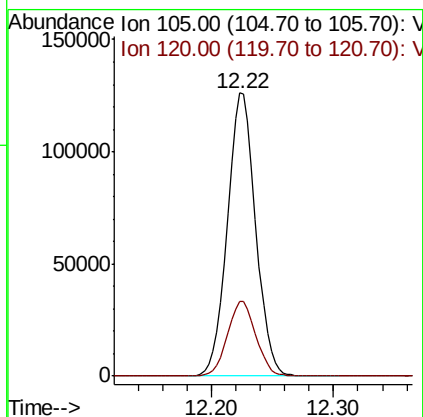
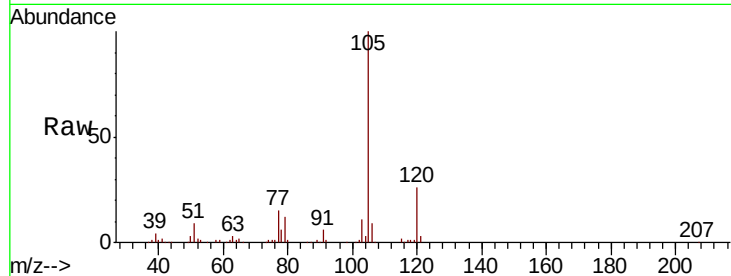




#73
Isopropylbenzene
Concen: 18.736 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

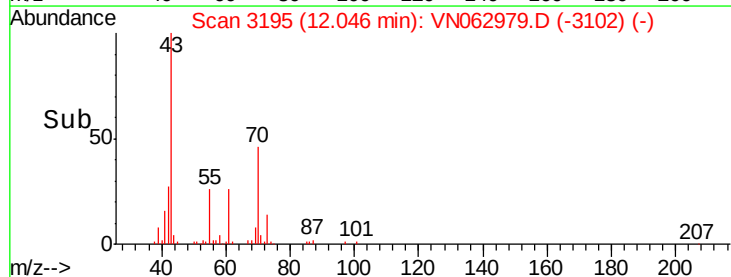
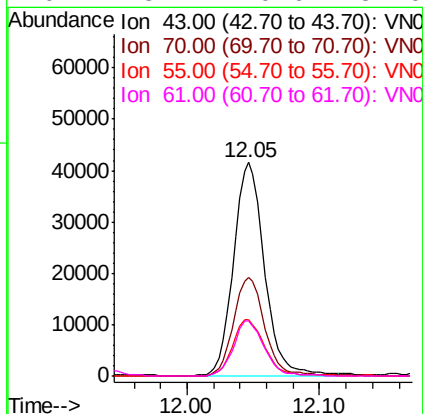
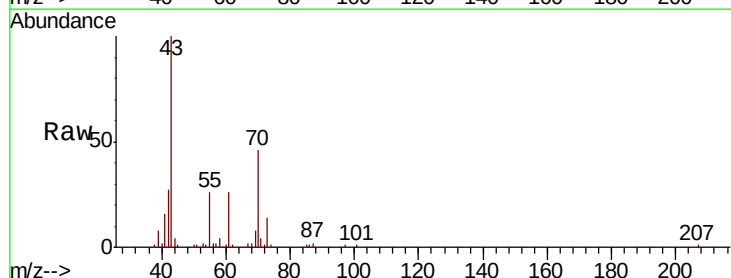
Instrument :
MSVOA_N
ClientSampled :
VN0817WBS01

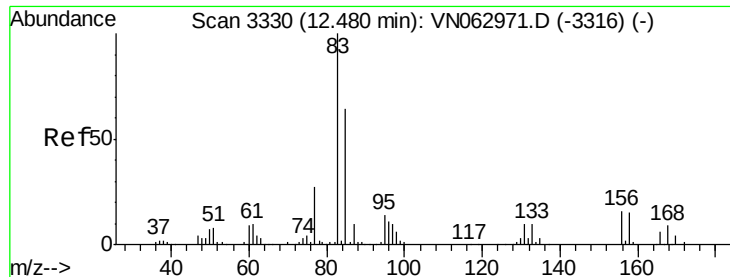
Tot Ion:105 Resp: 204461
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4



#74
N-ethyl acetate
Concen: 18.047 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion: 43 Resp: 67610
Ion Ratio Lower Upper
43 100
70 46.6 38.4 57.6
55 27.4 21.9 32.9
61 25.7 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.119 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

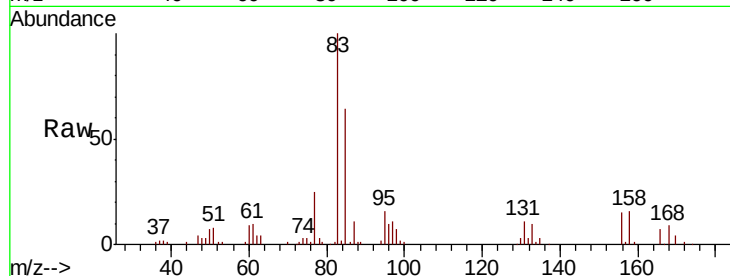
Tot Ion: 83 Resp: 69490

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

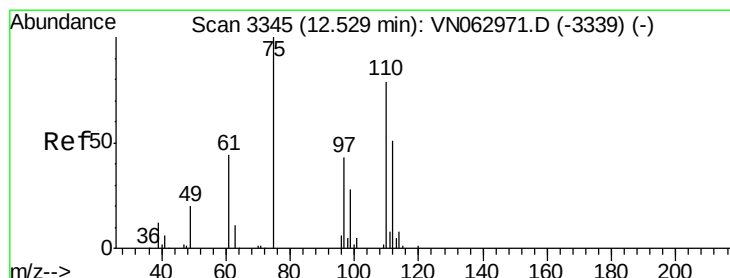
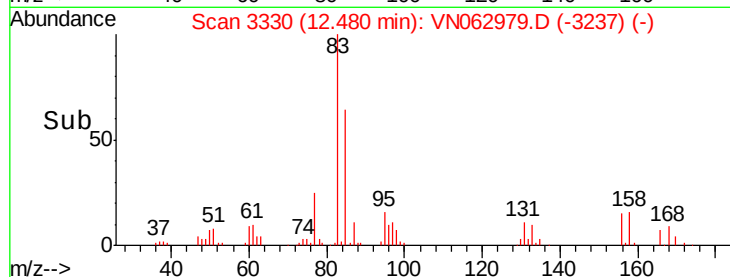
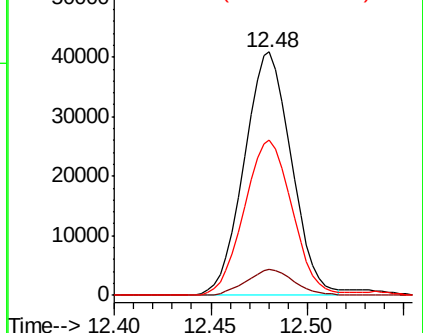
85 64.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.816 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062979.D

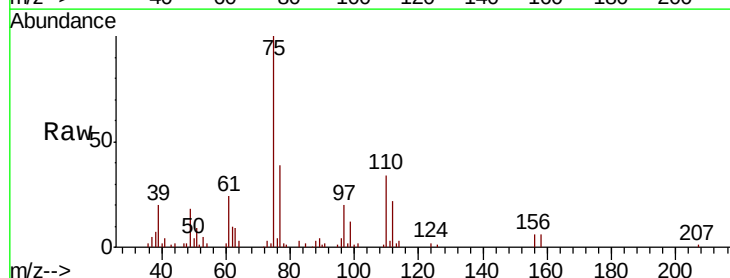
Acq: 17 Aug 2020 19:32

Tgt Ion: 75 Resp: 86915

Ion Ratio Lower Upper

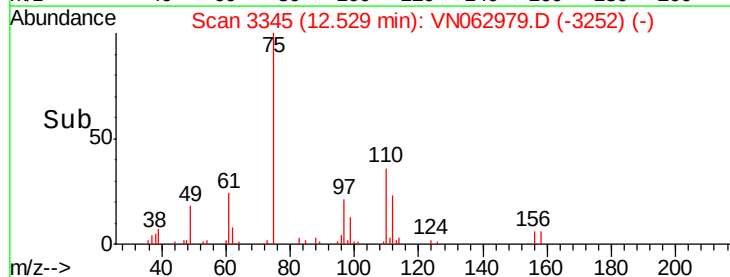
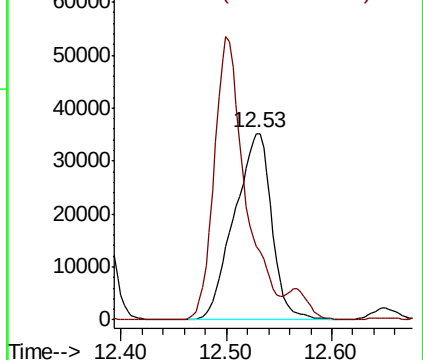
75 100

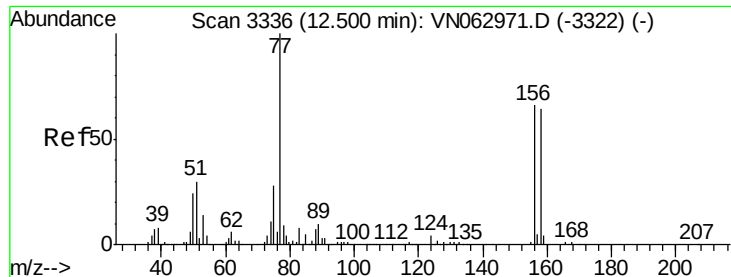
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.504 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBS01

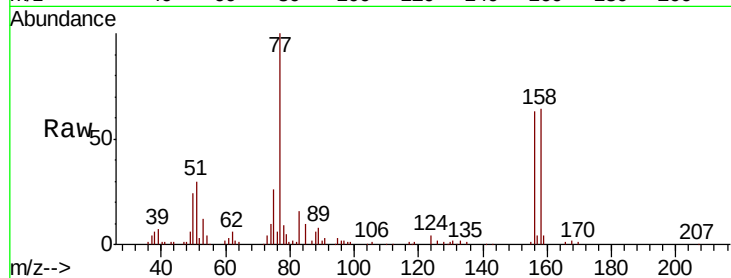
Tot Ion:156 Resp: 58218

Ion Ratio Lower Upper

156 100

77 188.4 92.4 277.2

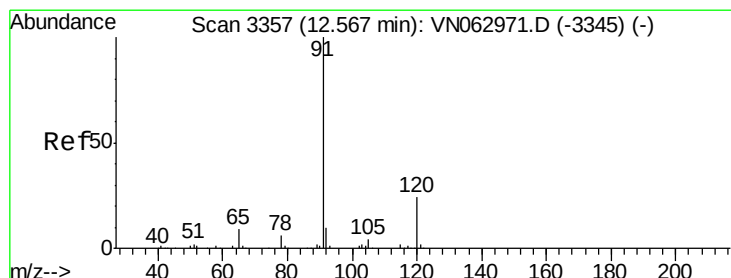
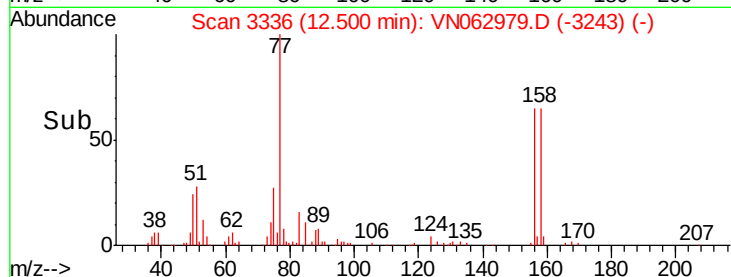
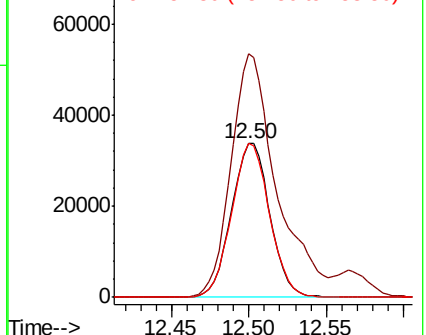
158 98.7 48.6 145.8



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: 18.489 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062979.D

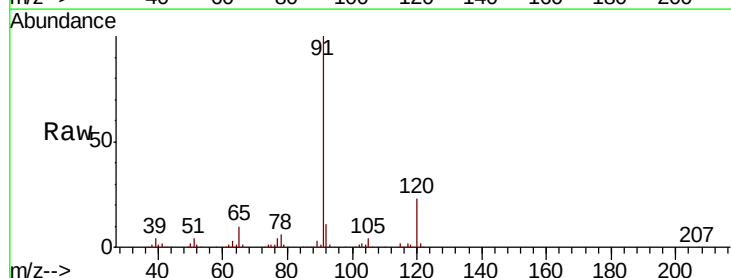
Acq: 17 Aug 2020 19:32

Tgt Ion: 91 Resp: 235423

Ion Ratio Lower Upper

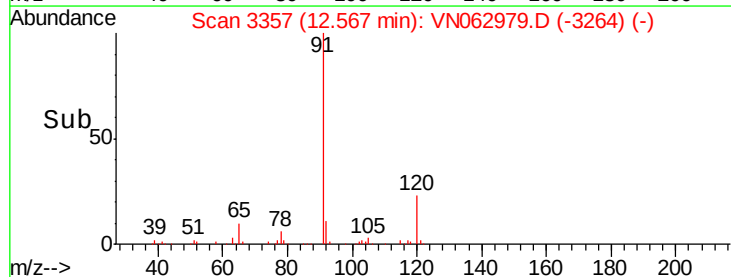
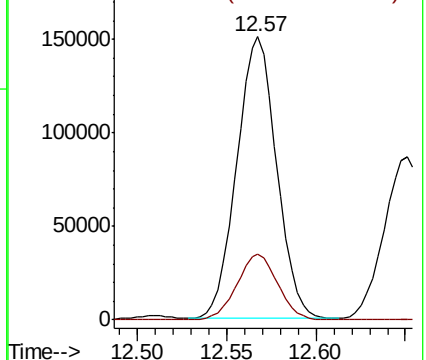
91 100

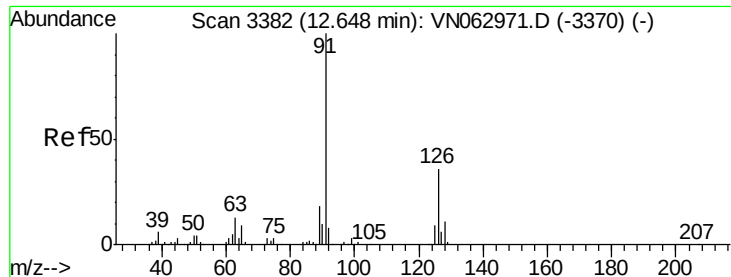
120 23.7 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.641 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampled :

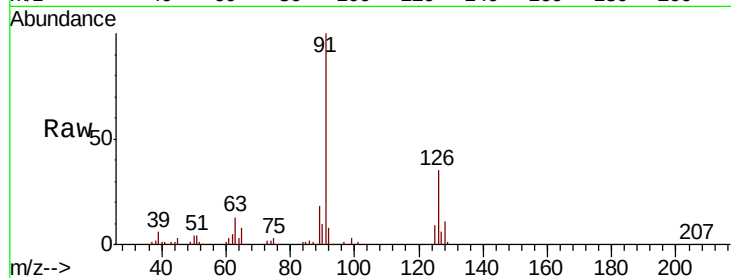
VN0817WBS01

Tot Ion: 91 Resp: 142649

Ion Ratio Lower Upper

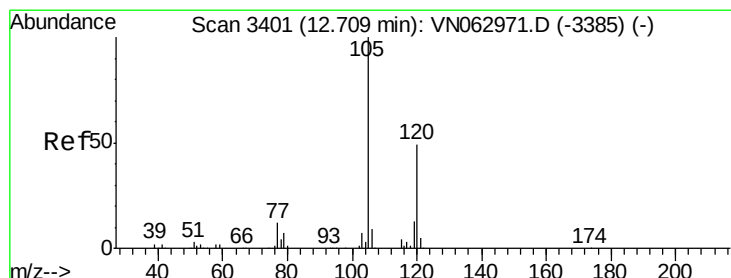
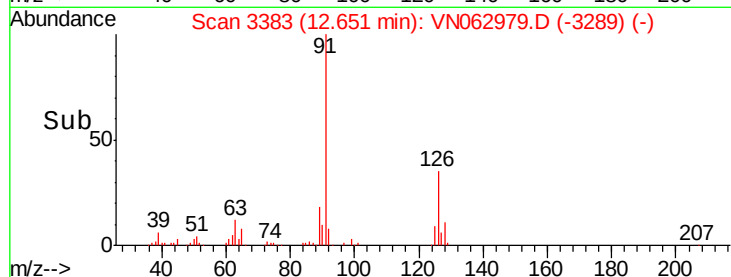
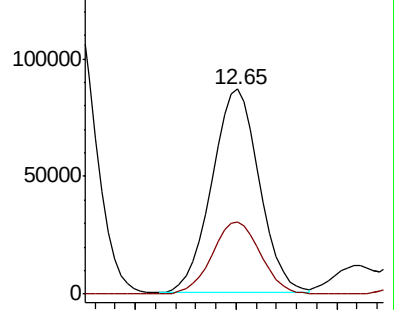
91 100

126 36.4 18.1 54.3



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

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



#80

1,3,5-Trimethylbenzene

Concen: 19.743 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062979.D

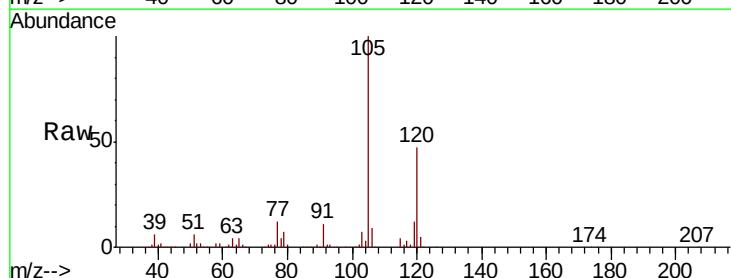
Acq: 17 Aug 2020 19:32

Tgt Ion:105 Resp: 181284

Ion Ratio Lower Upper

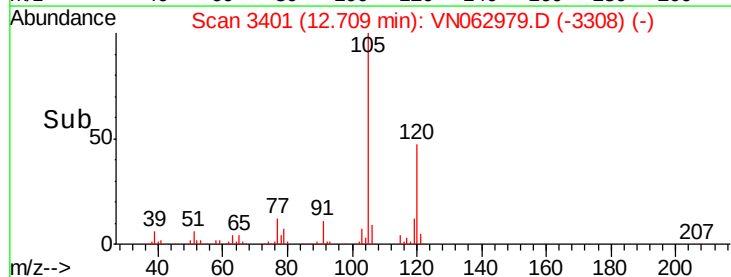
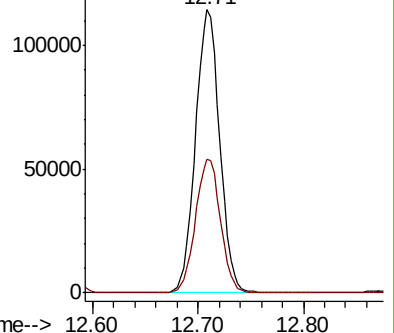
105 100

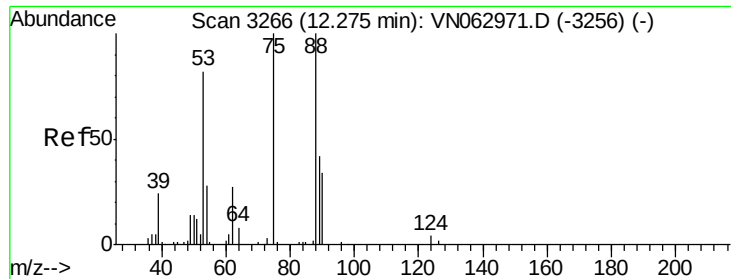
120 48.7 24.9 74.7



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 17.998 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampled :

VN0817WBS01

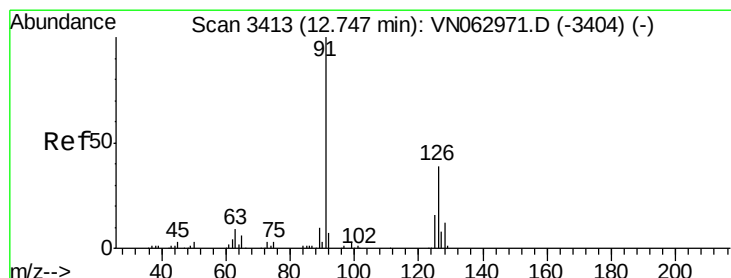
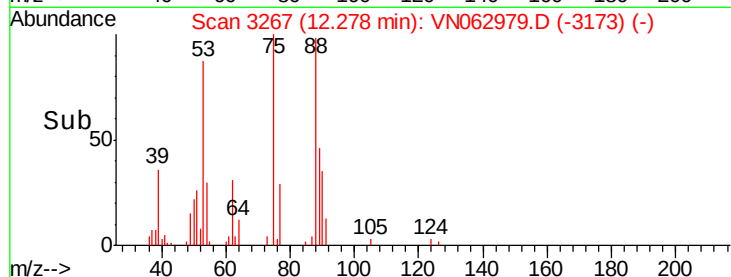
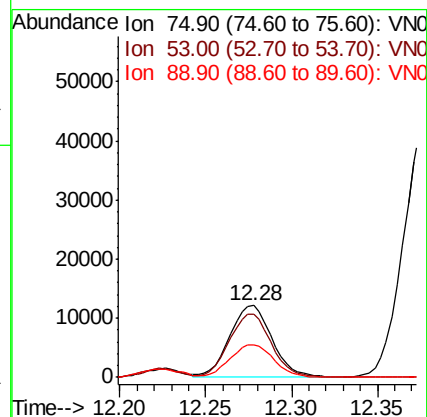
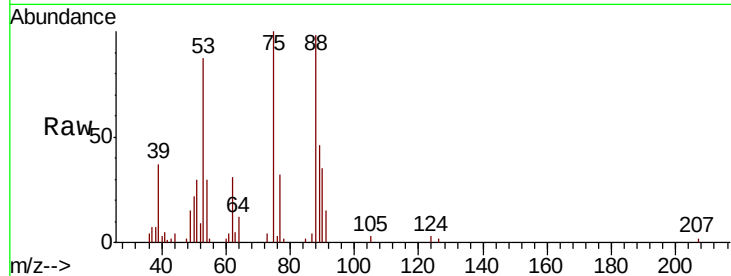
Tot Ion: 75 Resp: 20998

Ion Ratio Lower Upper

75 100

53 86.2 66.2 99.2

89 46.3 35.0 52.4



#82

4-Chlorotoluene

Concen: 18.716 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062979.D

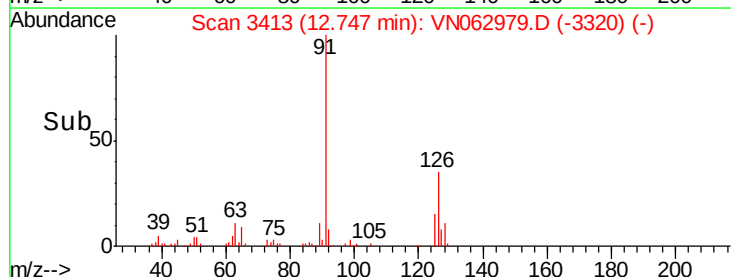
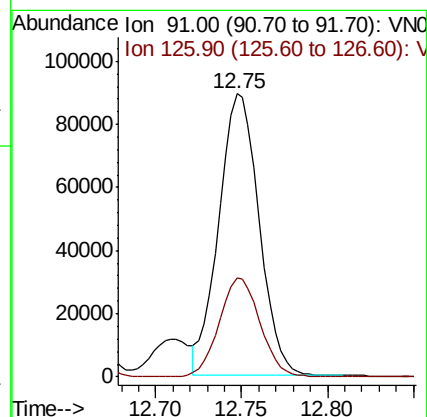
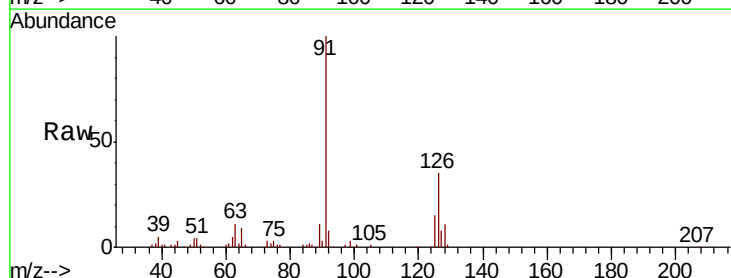
Acq: 17 Aug 2020 19:32

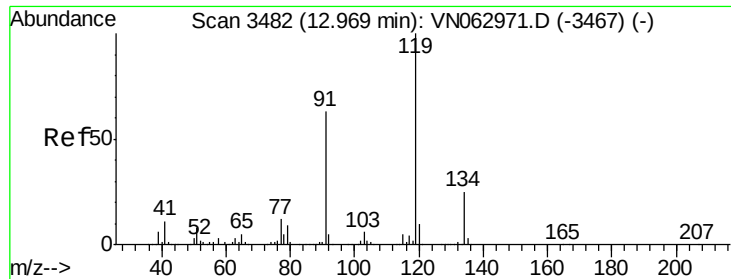
Tgt Ion: 91 Resp: 145949

Ion Ratio Lower Upper

91 100

126 35.8 17.6 52.8

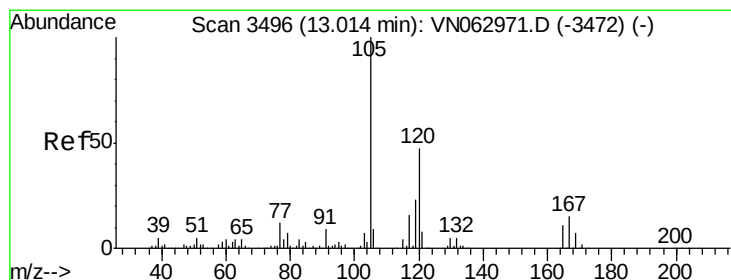
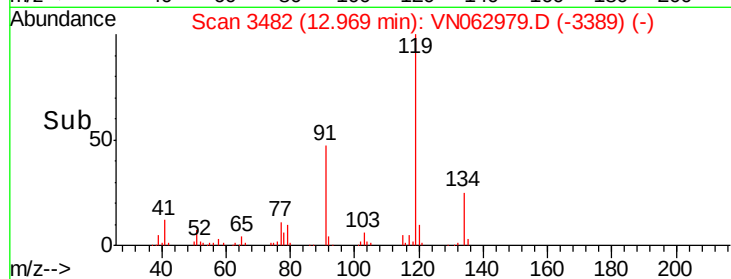
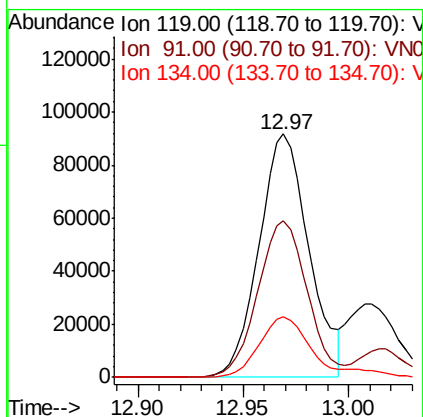
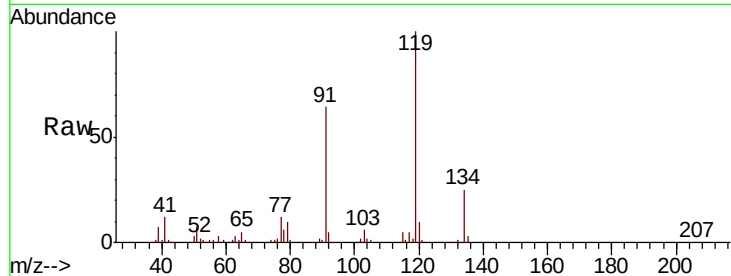




#83
 tert-Butylbenzene
 Concen: 19.088 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

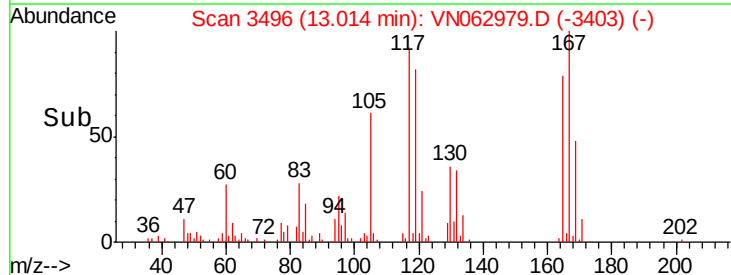
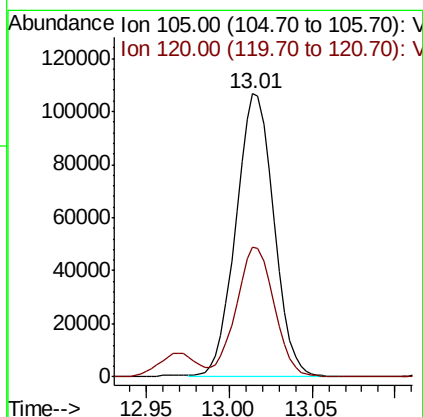
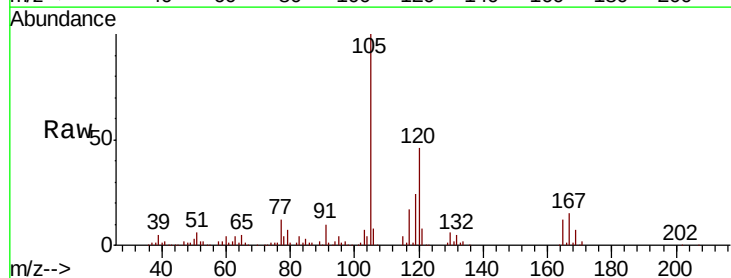
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

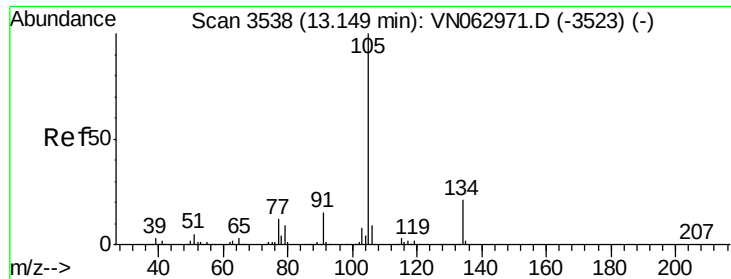
Tot Ion:119 Resp: 151140
 Ion Ratio Lower Upper
 119 100
 91 63.8 31.0 93.0
 134 27.0 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 18.984 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion:105 Resp: 168671
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.219 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampled :

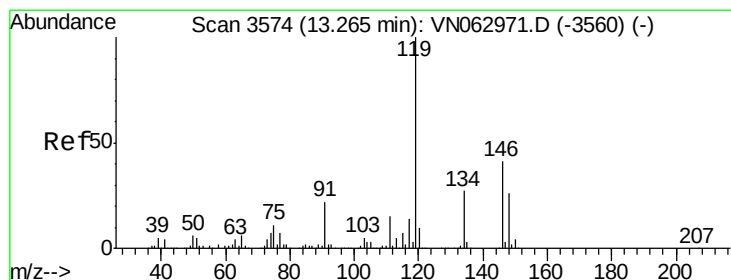
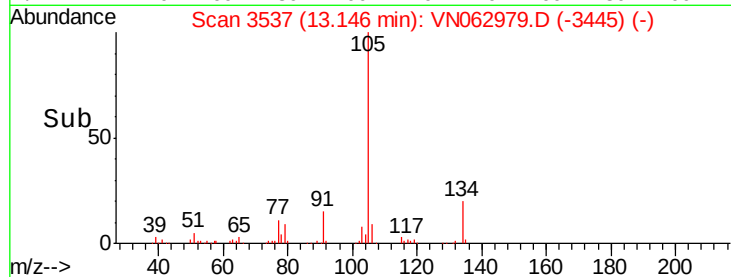
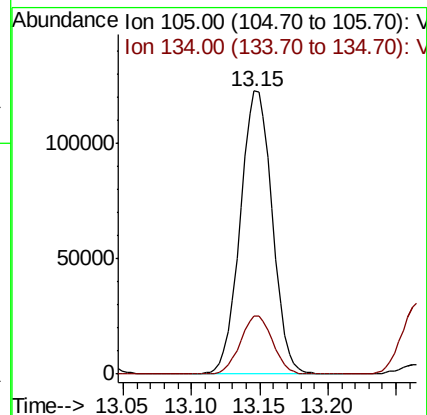
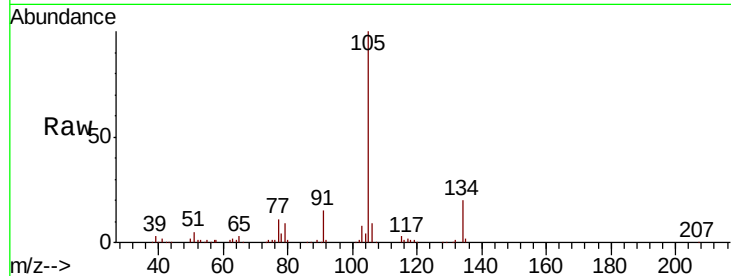
VN0817WBS01

Tot Ion:105 Resp: 200277

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 18.791 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

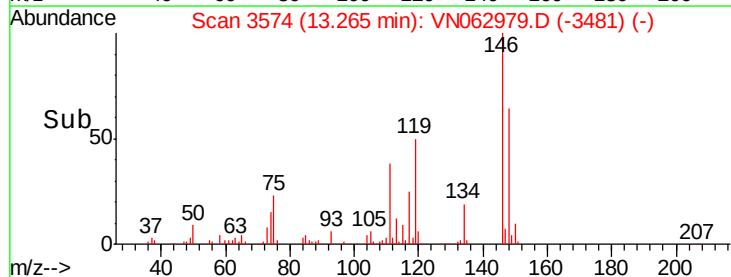
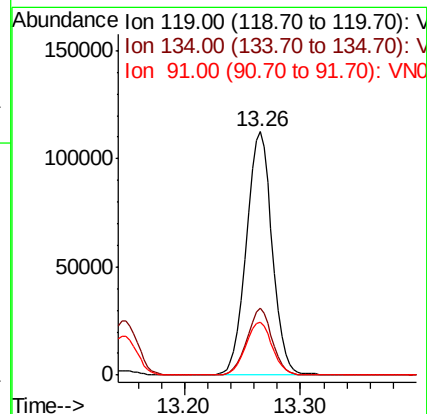
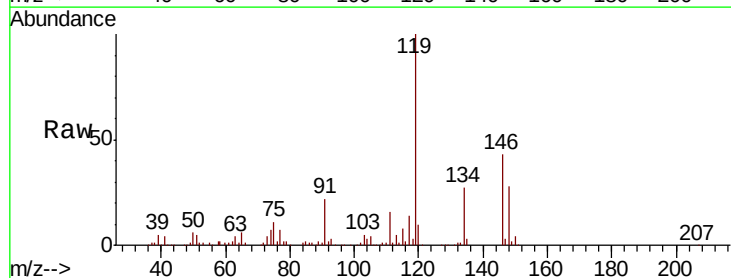
Tgt Ion:119 Resp: 174248

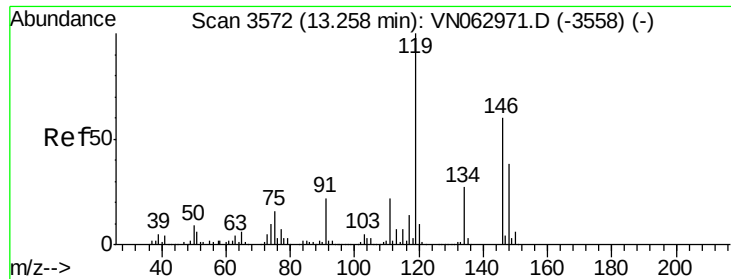
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.7

91 22.3 11.1 33.1

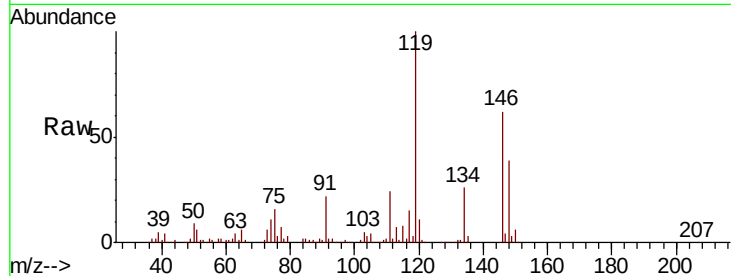




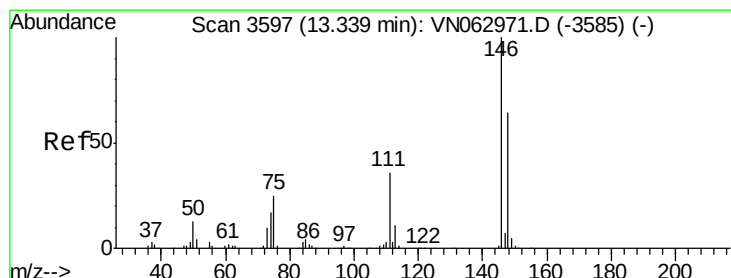
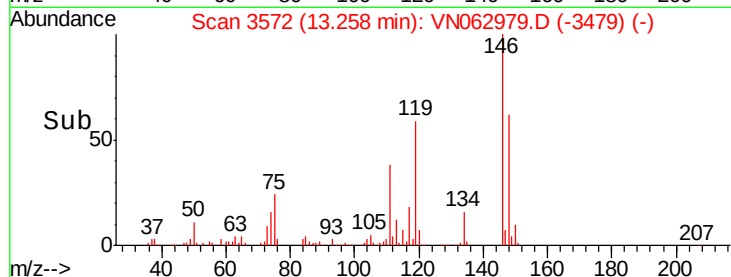
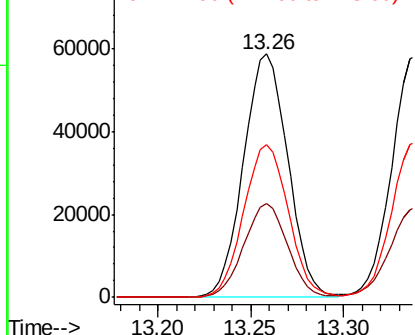
#87
 1,3-Dichlorobenzene
 Concen: 18.917 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Tot Ion:146 Resp: 98024
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.5
 148 63.0 31.7 95.1

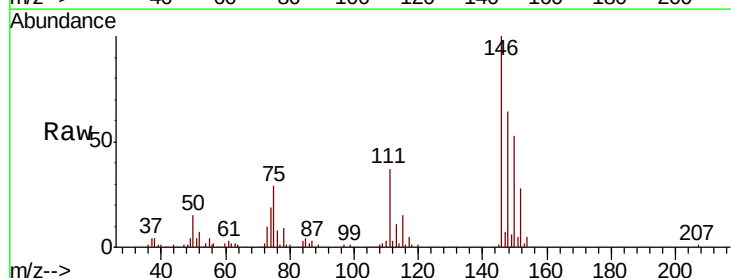


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

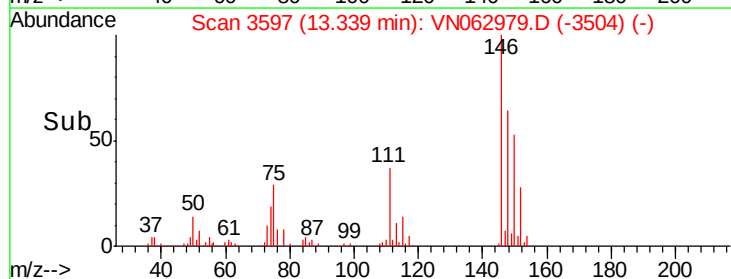
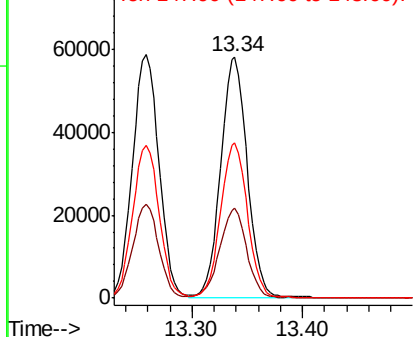


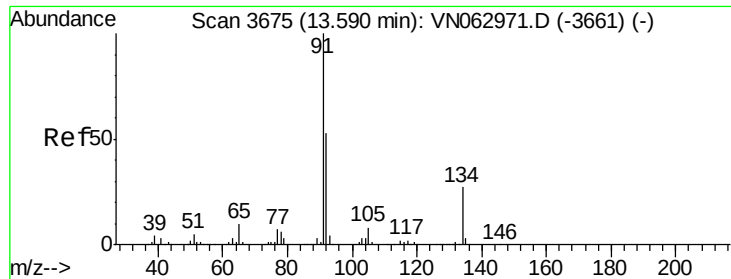
#88
 1,4-Dichlorobenzene
 Concen: 18.306 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion:146 Resp: 97758
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.2
 148 65.1 32.1 96.5



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: 17.192 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062979.D

Acq: 17 Aug 2020 19:32

Instrument :

MSVOA_N

ClientSampled :

VN0817WBS01

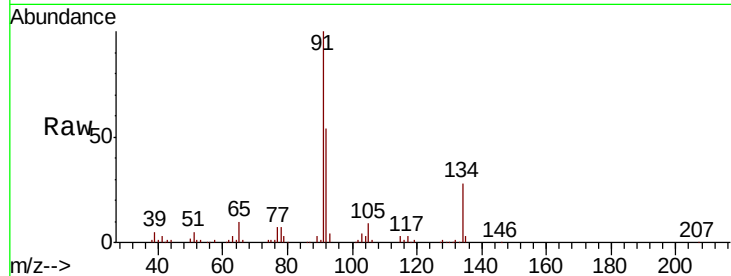
Tot Ion: 91 Resp: 129485

Ion Ratio Lower Upper

91 100

92 52.3 26.3 78.8

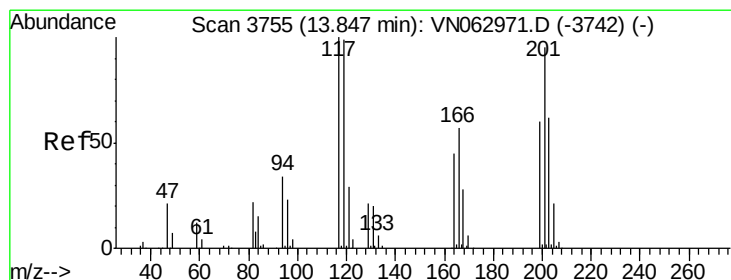
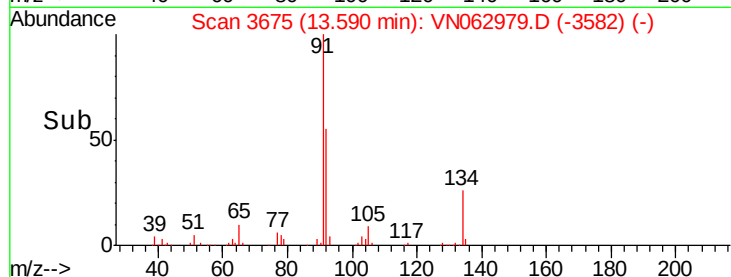
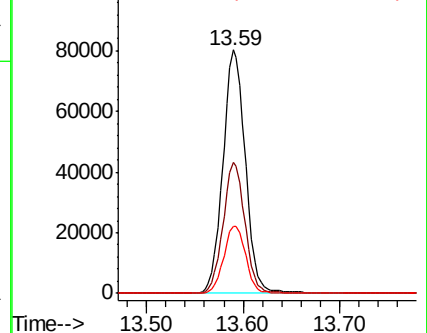
134 27.1 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VN062979.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062979.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062979.D (-3661) (-)



#90

Hexachloroethane

Concen: 18.360 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062979.D

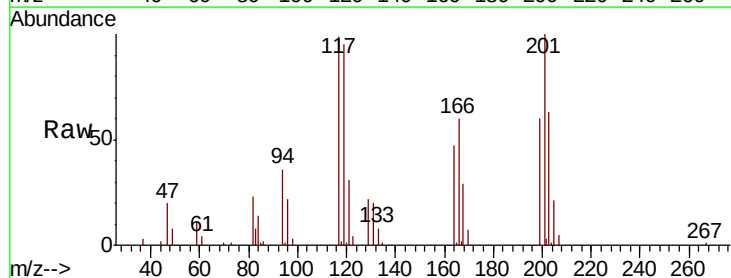
Acq: 17 Aug 2020 19:32

Tgt Ion: 117 Resp: 34535

Ion Ratio Lower Upper

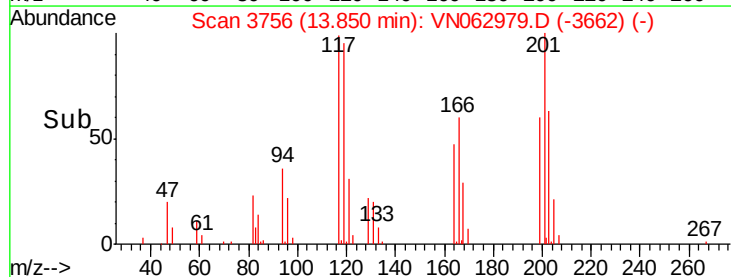
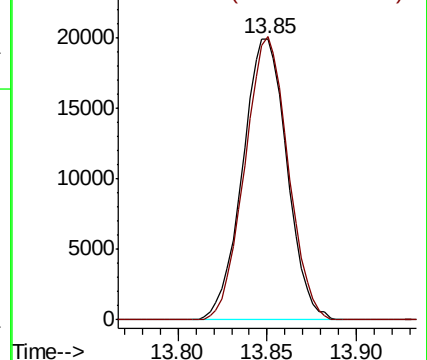
117 100

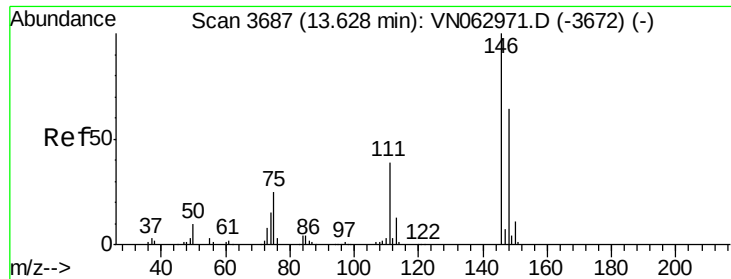
201 97.8 48.4 145.3



Abundance Ion 116.80 (116.50 to 117.50): VN062979.D (-3662) (-)

Ion 200.70 (200.40 to 201.40): VN062979.D (-3662) (-)

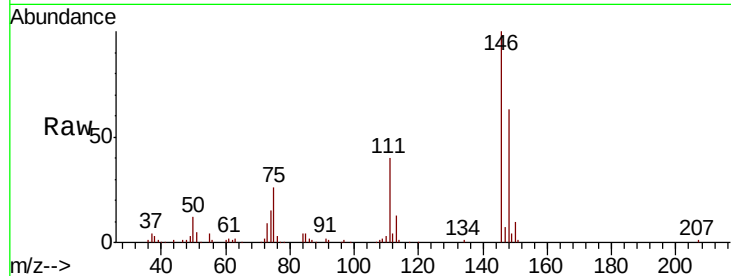




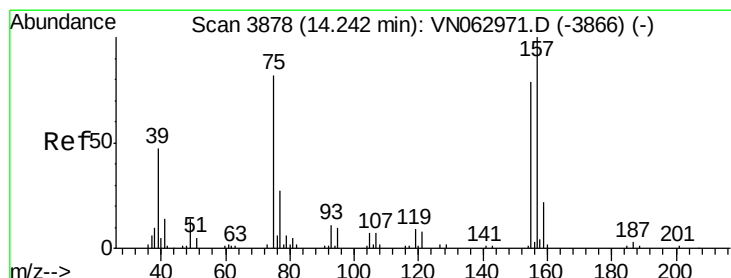
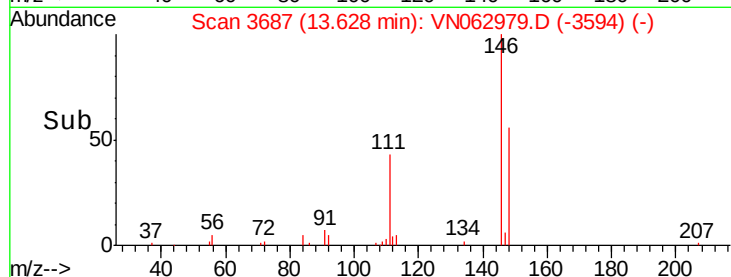
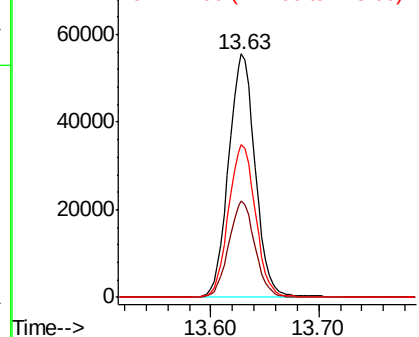
#91
 1,2-Dichlorobenzene
 Concen: 19.099 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.4
148	63.4	32.5	97.5

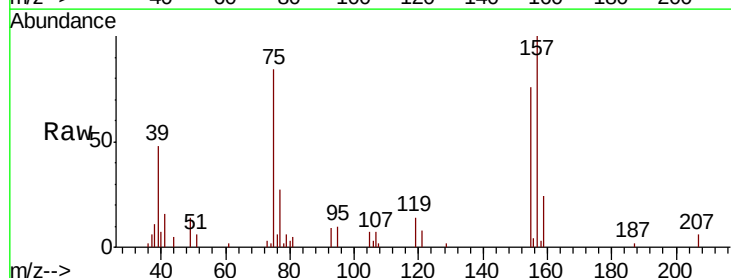


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

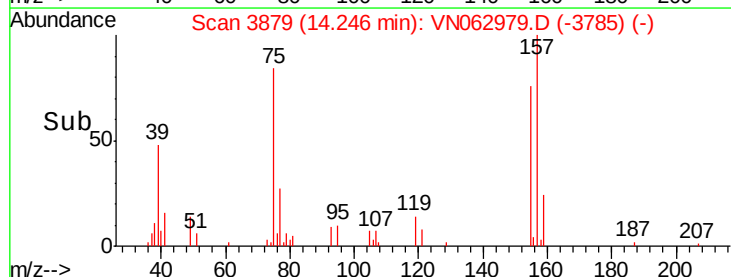
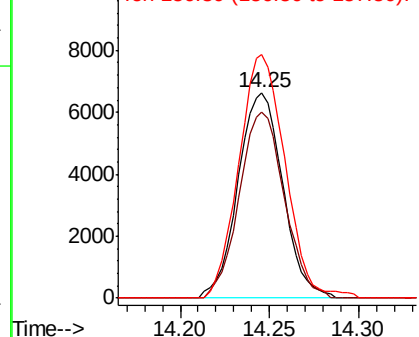


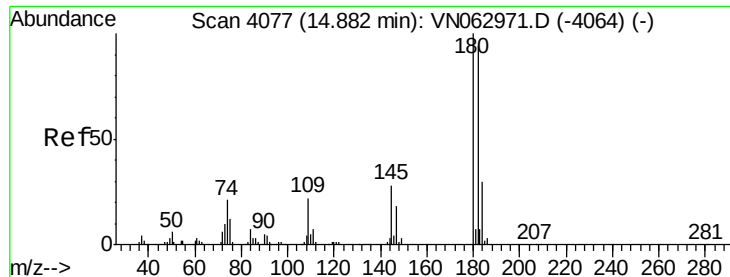
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.602 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.1	47.6	142.8
157	122.3	61.4	184.1



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

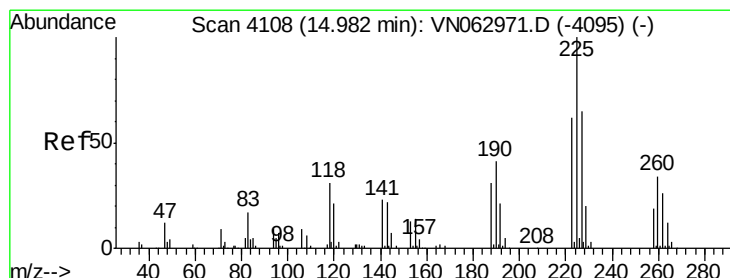
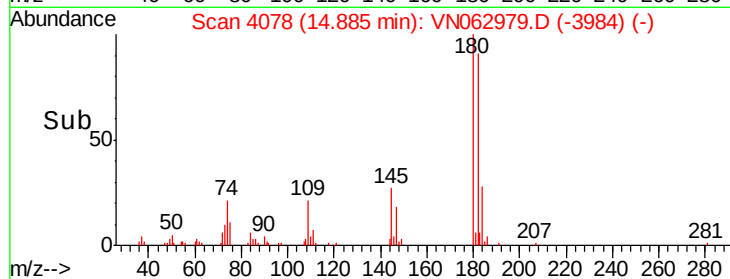
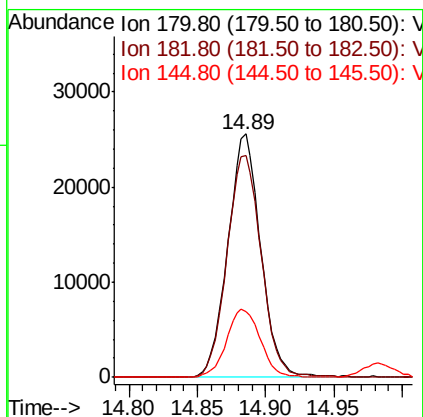
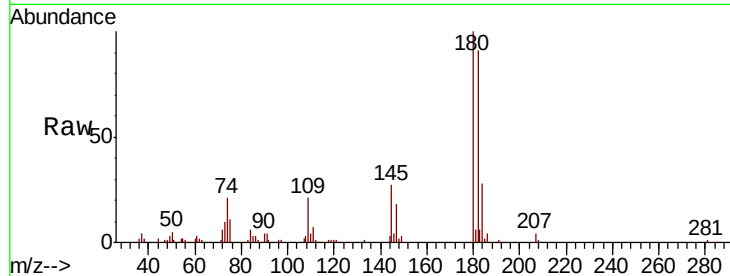




#93
 1,2,4-Trichlorobenzene
 Concen: 18.050 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

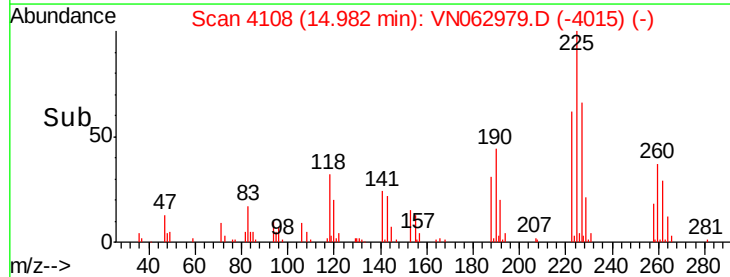
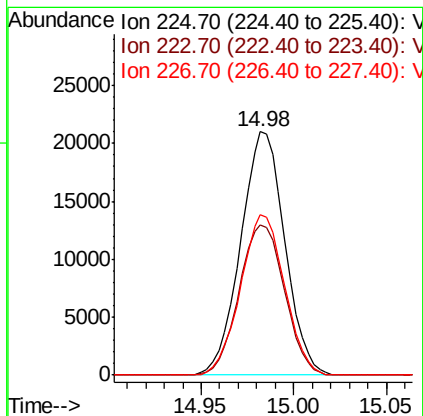
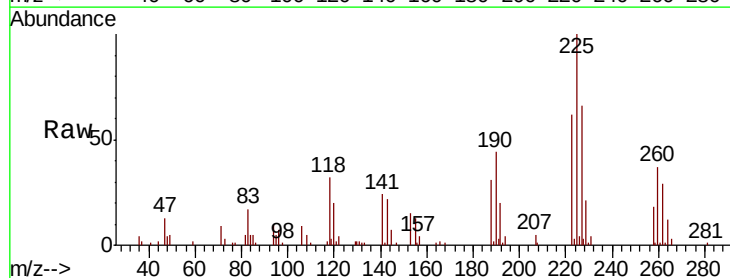
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBS01

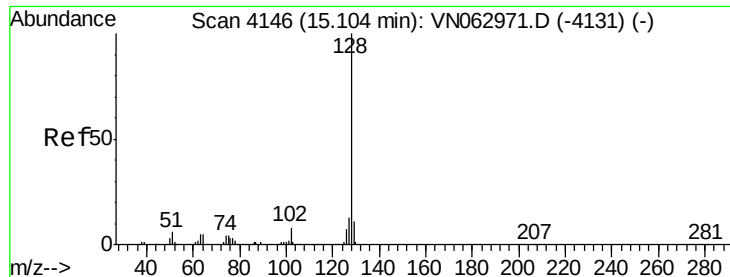
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.3
145	28.6	13.9	41.7



#94
 Hexachlorobutadiene
 Concen: 17.914 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062979.D
 Acq: 17 Aug 2020 19:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	30.9	92.5
227	65.8	32.0	96.0

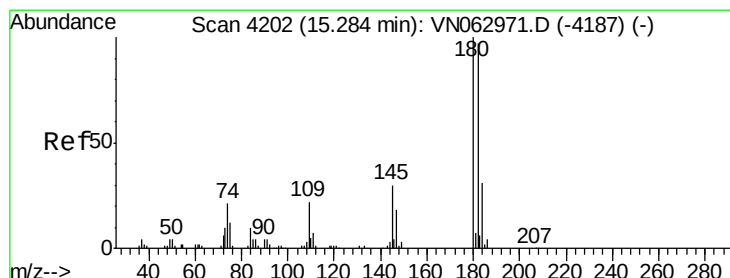
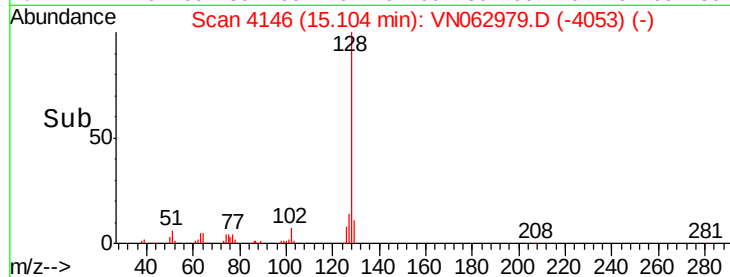
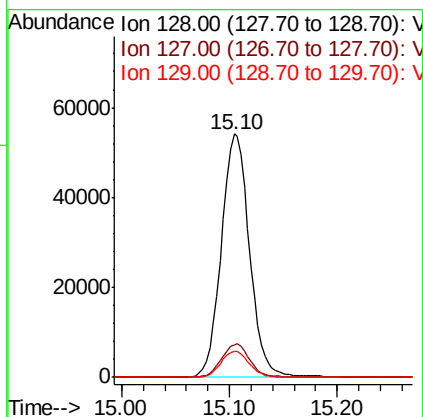
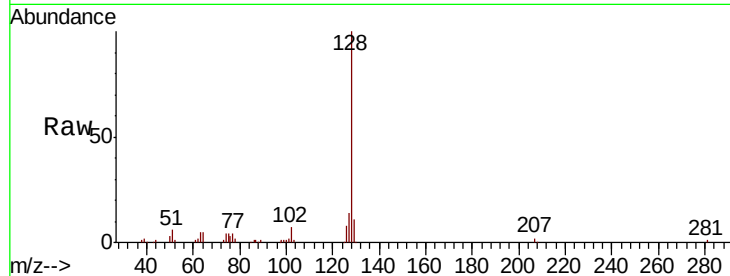




#95
Naphthalene
Concen: 19.215 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBS01

Tot Ion:128 Resp: 98436
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.397 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062979.D
Acq: 17 Aug 2020 19:32

Tgt Ion:180 Resp: 44522
Ion Ratio Lower Upper
180 100
182 93.5 49.3 147.8
145 28.6 15.0 45.0

