

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062980.D
 Acq On : 17 Aug 2020 19:56
 Operator : JC/MD
 Sample : VN0817WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01

Quant Time: Aug 18 05:52:39 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	239768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	343293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	330775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	160035	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	115642	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
35) Dibromofluoromethane	7.55	113	103397	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
50) Toluene-d8	10.06	98	406947	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
62) 4-Bromofluorobenzene	12.38	95	144227	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	53904	18.739	ug/l	100
3) Chloromethane	2.03	50	50137	19.415	ug/l	99
4) Vinyl Chloride	2.16	62	68476	20.996	ug/l	97
5) Bromomethane	2.52	94	45194	19.553	ug/l	98
6) Chloroethane	2.66	64	43164	19.434	ug/l	98
7) Trichlorofluoromethane	2.98	101	89711	19.747	ug/l	99
8) Diethyl Ether	3.38	74	21813	15.664	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	35786	16.494	ug/l	99
10) Methyl Iodide	3.91	142	47029	17.003	ug/l	98
11) Tert butyl alcohol	4.74	59	39206	90.328	ug/l #	87
12) 1,1-Dichloroethene	3.69	96	34026	16.520	ug/l	98
13) Acrolein	3.57	56	14601	56.070	ug/l	99
14) Allyl chloride	4.27	41	51706	16.259	ug/l	98
15) Acrylonitrile	4.93	53	100486	87.788	ug/l	100
16) Acetone	3.78	43	76244	77.527	ug/l	99
17) Carbon Disulfide	4.01	76	89644	15.167	ug/l	100
18) Methyl Acetate	4.28	43	44940	21.024	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	123640	18.377	ug/l	98
20) Methylene Chloride	4.50	84	41378	17.808	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	36842	17.077	ug/l	95
22) Diisopropyl ether	5.90	45	123040	17.905	ug/l	95
23) Vinyl Acetate	5.85	43	398138	82.196	ug/l	98
24) 1,1-Dichloroethane	5.80	63	70226	17.479	ug/l	98
25) 2-Butanone	6.79	43	123113	86.860	ug/l	98
26) 2,2-Dichloropropane	6.78	77	54727	16.478	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	45612	17.820	ug/l	98
28) Bromochloromethane	7.15	49	37007	19.106	ug/l	99
29) Tetrahydrofuran	7.17	42	80758	104.645	ug/l	98
30) Chloroform	7.33	83	73527	17.550	ug/l	99
31) Cyclohexane	7.62	56	68085	17.378	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	62928	18.095	ug/l	98
36) 1,1-Dichloropropene	7.75	75	50041	16.993	ug/l	99
37) Ethyl Acetate	6.88	43	44969	16.715	ug/l	98
38) Carbon Tetrachloride	7.73	117	53803	17.293	ug/l	97

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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)
39) Methylcyclohexane	9.05	83	68376	17.496	ug/l	99
40) Benzene	8.00	78	164197	17.627	ug/l	99
41) Methacrylonitrile	7.13	41	20023	15.176	ug/l	98
42) 1,2-Dichloroethane	8.09	62	54089	17.691	ug/l	100
43) Isopropyl Acetate	8.13	43	75883	17.753	ug/l #	92
44) Trichloroethene	8.80	130	44473	17.709	ug/l	96
45) 1,2-Dichloropropane	9.08	63	43644	16.816	ug/l	98
46) Dibromomethane	9.18	93	29049	17.977	ug/l	96
47) Bromodichloromethane	9.37	83	59225	18.070	ug/l	99
48) Methyl methacrylate	9.17	41	37321	17.851	ug/l	97
49) 1,4-Dioxane	9.17	88	16096	364.002	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	256776	89.789	ug/l	98
52) Toluene	10.12	92	107154	18.209	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	62011	17.540	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	68690	18.000	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	44903	18.002	ug/l	98
56) Ethyl methacrylate	10.40	69	61577	18.479	ug/l	99
57) 1,3-Dichloropropane	10.68	76	72691	18.487	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	67481	103.102	ug/l	100
59) 2-Hexanone	10.72	43	189254	103.988	ug/l	100
60) Dibromochloromethane	10.88	129	51901	18.696	ug/l	99
61) 1,2-Dibromoethane	10.98	107	46110	18.109	ug/l	100
64) Tetrachloroethene	10.60	164	41495	18.290	ug/l	99
65) Chlorobenzene	11.41	112	122993	18.166	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	47953	18.236	ug/l	98
67) Ethyl Benzene	11.48	91	203992	17.885	ug/l	98
68) m/p-Xylenes	11.60	106	157785	36.634	ug/l	99
69) o-Xylene	11.92	106	74113	18.115	ug/l	100
70) Styrene	11.94	104	129501	18.249	ug/l	98
71) Bromoform	12.10	173	40280	18.326	ug/l #	100
73) Isopropylbenzene	12.22	105	204284	18.503	ug/l	99
74) N-amyl acetate	12.05	43	65866	17.378	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	69613	19.920	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	88662	28.052	ug/l #	100
77) Bromobenzene	12.50	156	58397	18.346	ug/l	99
78) n-propylbenzene	12.57	91	248352	19.279	ug/l	99
79) 2-Chlorotoluene	12.65	91	163606	21.132	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	184070	19.815	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	20785	17.610	ug/l	96
82) 4-Chlorotoluene	12.75	91	141285	17.908	ug/l	100
83) tert-Butylbenzene	12.97	119	150471	18.784	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	164490	18.300	ug/l	98
85) sec-Butylbenzene	13.15	105	195449	18.539	ug/l	98
86) p-Isopropyltoluene	13.26	119	177242	18.893	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	98000	18.694	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	96846	17.925	ug/l	99
89) n-Butylbenzene	13.59	91	128581	16.874	ug/l	99
90) Hexachloroethane	13.85	117	33441	17.573	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	93877	18.529	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14681	24.448	ug/l	86

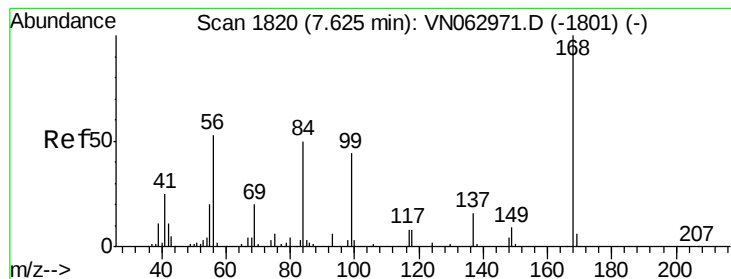
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
Data File : VN062980.D
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Quant Title : SW846 8260
QLast Update : Mon Aug 17 17:31:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	48988	19.819	ug/l	99
94) Hexachlorobutadiene	14.98	225	38988	19.935	ug/l	98
95) Naphthalene	15.10	128	119999	22.884	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	51458	20.487	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

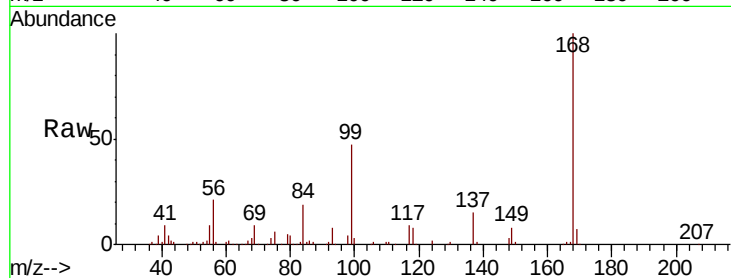
VN0817WBSD01

Tot Ion:168 Resp: 239768

Ion Ratio Lower Upper

168 100

99 47.4 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

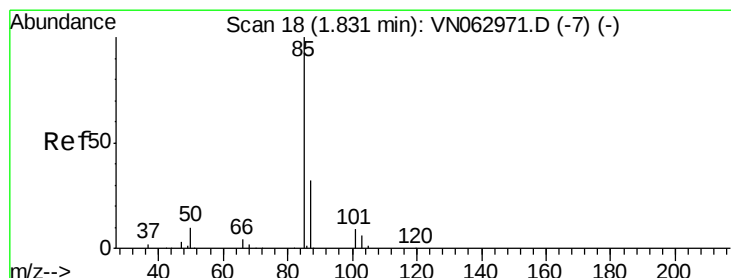
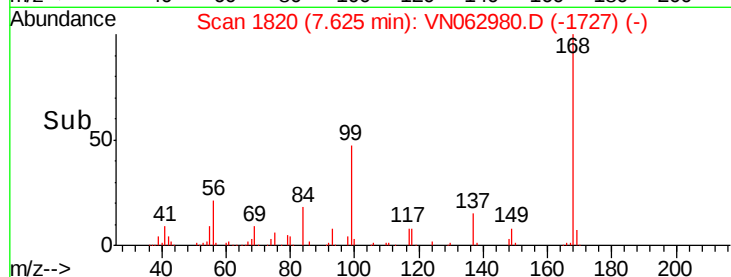
40000

20000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.739 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062980.D

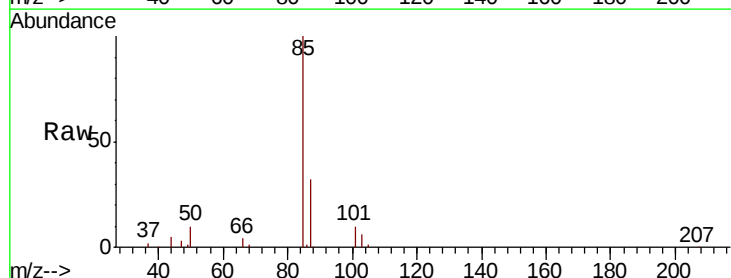
Acq: 17 Aug 2020 19:56

Tgt Ion: 85 Resp: 53904

Ion Ratio Lower Upper

85 100

87 31.6 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

30000

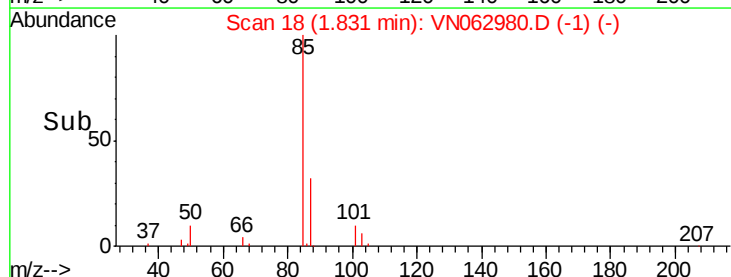
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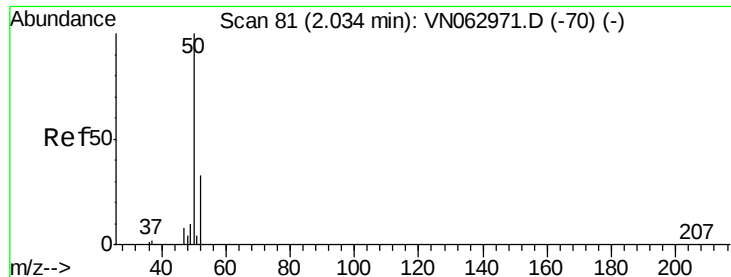
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0

1.80 1.85 1.90

Time-->

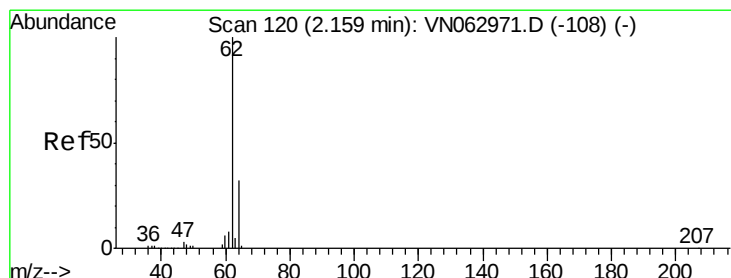
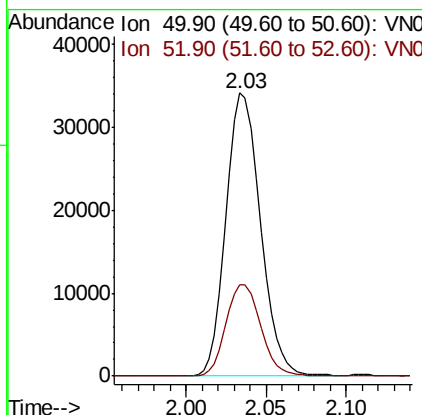
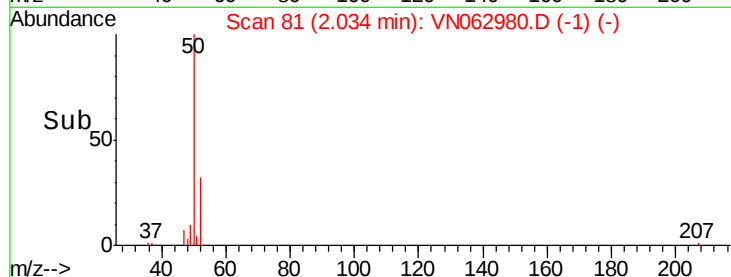
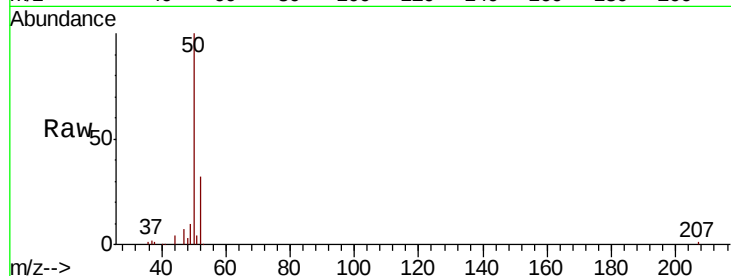




#3
Chloromethane
Concen: 19.415 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

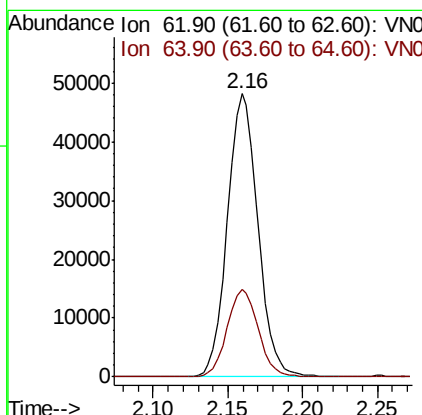
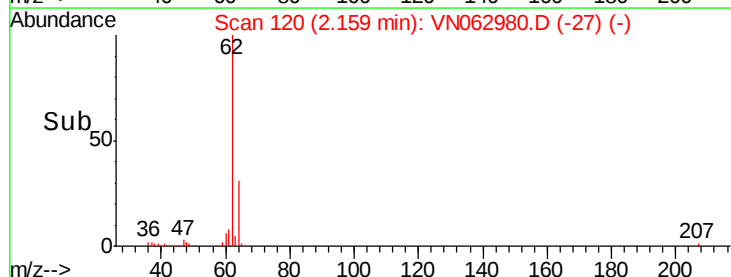
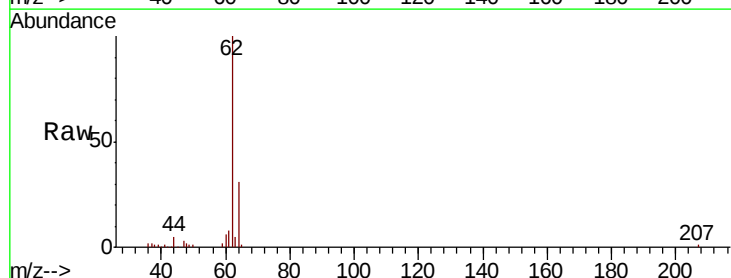
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

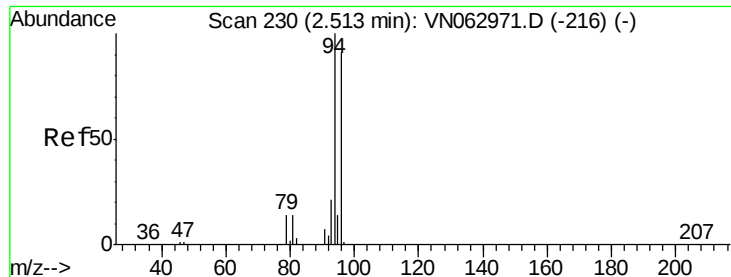
Tot Ion: 50 Resp: 50137
Ion Ratio Lower Upper
50 100
52 32.3 26.2 39.2



#4
Vinyl Chloride
Concen: 20.996 ug/l
RT: 2.16 min Scan# 120
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion: 62 Resp: 68476
Ion Ratio Lower Upper
62 100
64 31.0 25.9 38.9





#5

Bromomethane

Concen: 19.553 ug/l

RT: 2.52 min Scan# 232

Delta R.T. 0.01 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

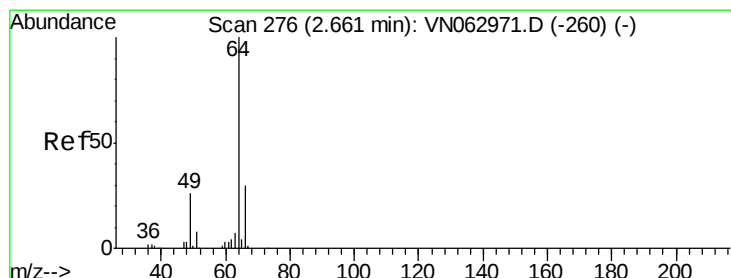
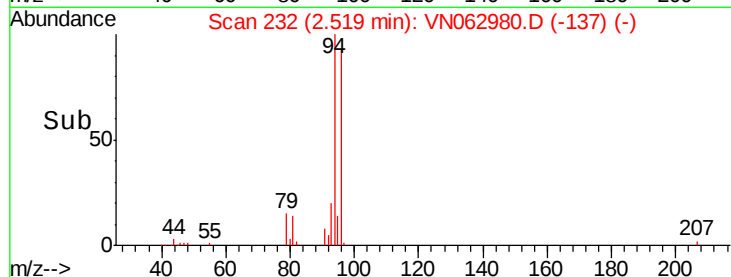
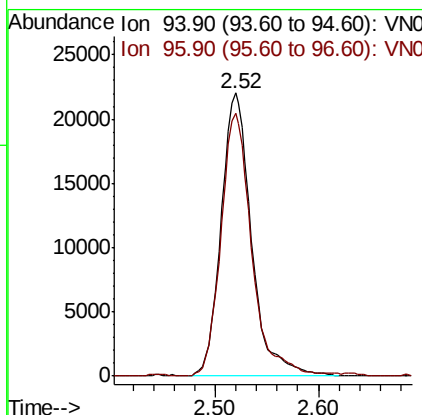
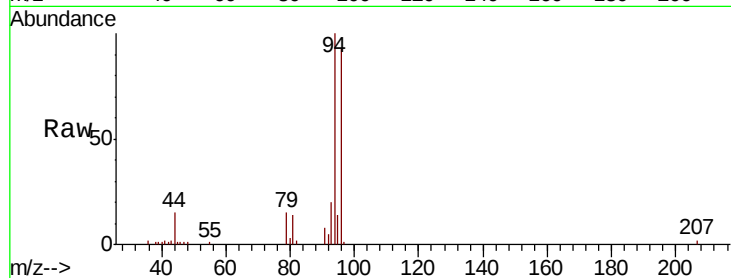
VN0817WBSD01

Tot Ion: 94 Resp: 45194

Ion Ratio Lower Upper

94 100

96 92.7 72.9 109.3



#6

Chloroethane

Concen: 19.434 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062980.D

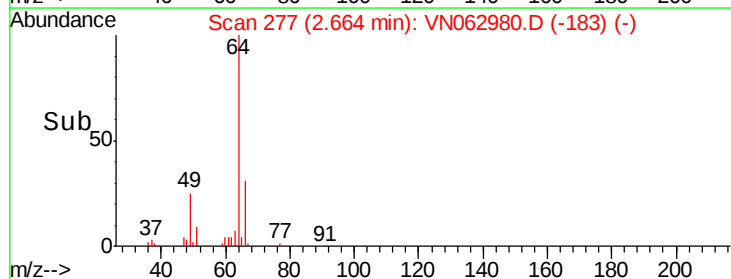
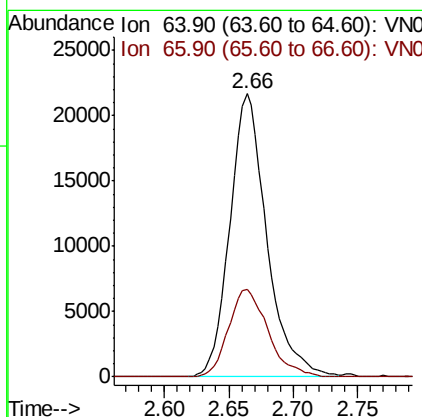
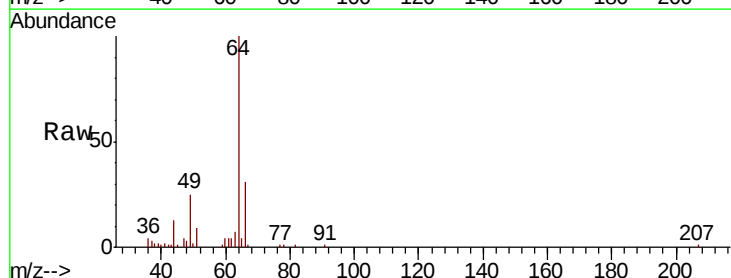
Acq: 17 Aug 2020 19:56

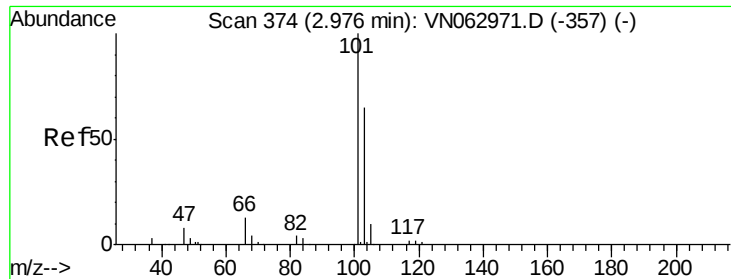
Tgt Ion: 64 Resp: 43164

Ion Ratio Lower Upper

64 100

66 31.0 23.8 35.8



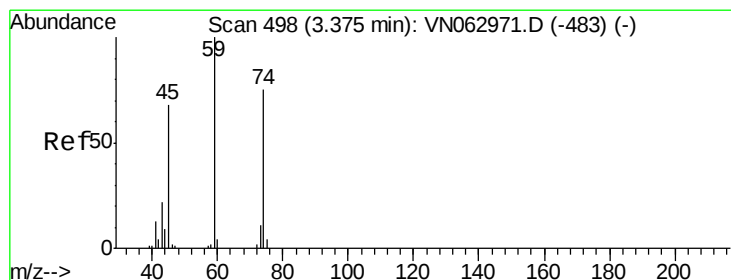
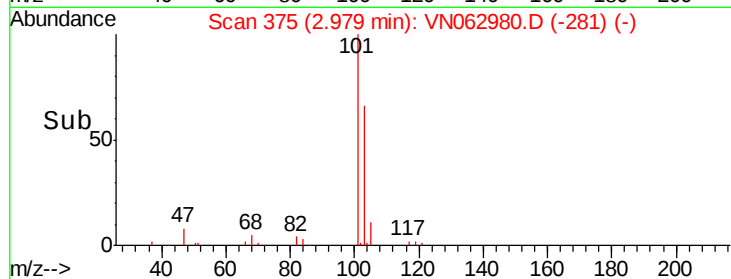
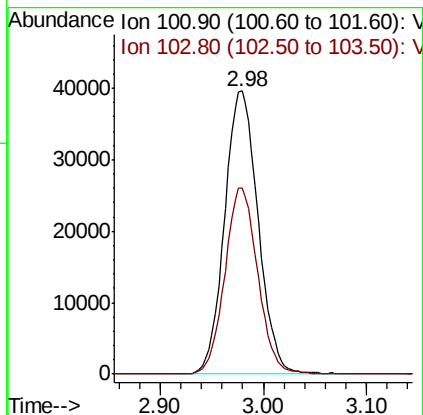
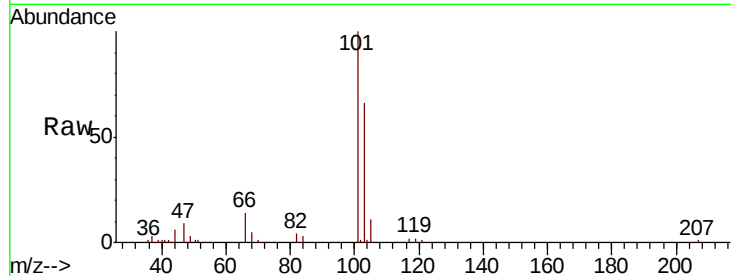


#7

Trichlorofluoromethane
Concen: 19.747 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

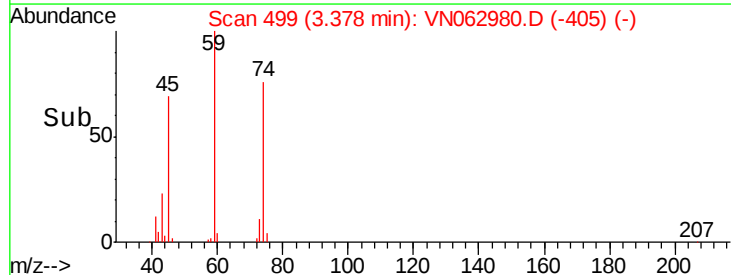
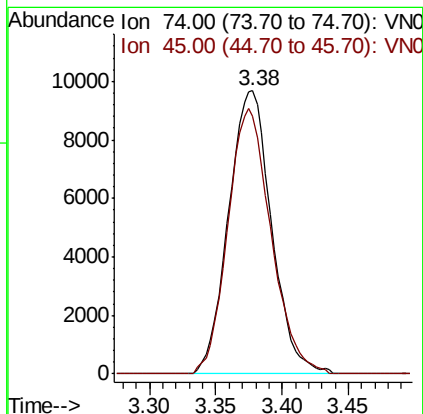
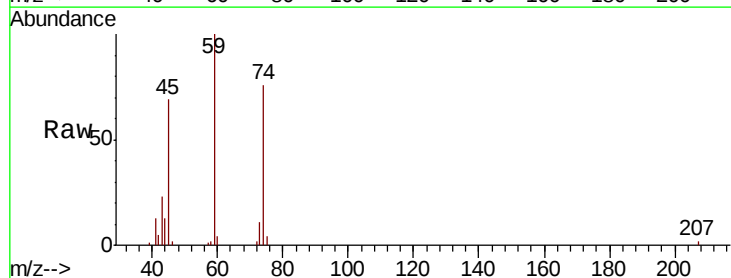
Tot Ion:101 Resp: 89711
Ion Ratio Lower Upper
101 100
103 65.8 52.2 78.4

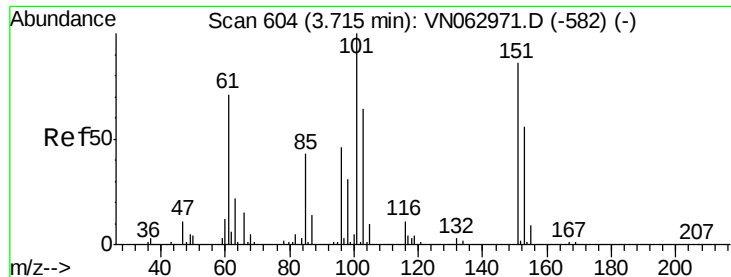


#8

Diethyl Ether
Concen: 15.664 ug/l
RT: 3.38 min Scan# 499
Delta R.T. 0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion: 74 Resp: 21813
Ion Ratio Lower Upper
74 100
45 94.2 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.494 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

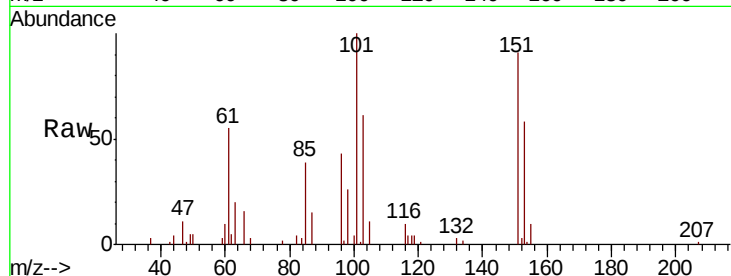
Tot Ion:101 Resp: 35786

Ion Ratio Lower Upper

101 100

85 42.4 34.1 51.1

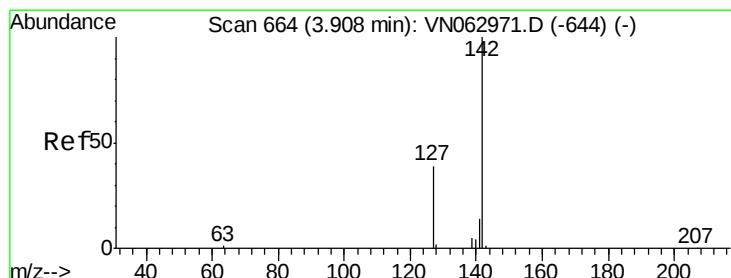
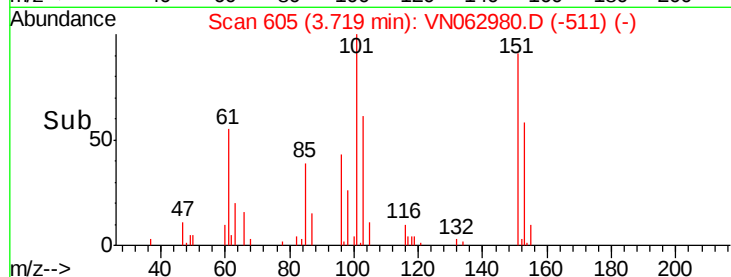
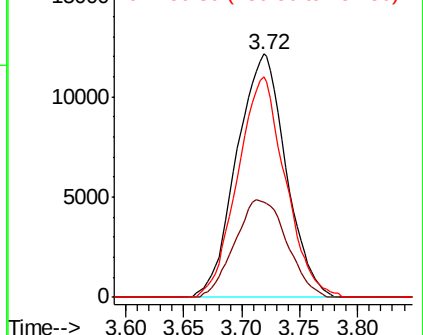
151 87.8 69.3 103.9



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: 17.003 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

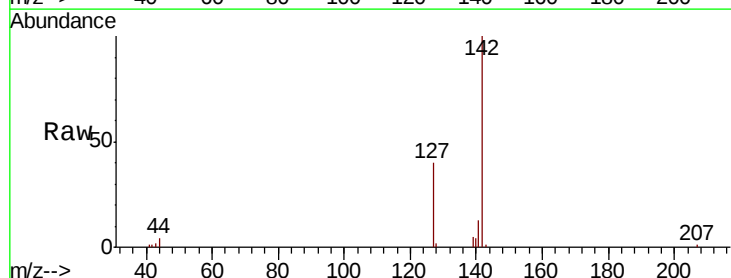
Tgt Ion:142 Resp: 47029

Ion Ratio Lower Upper

142 100

127 38.7 31.9 47.9

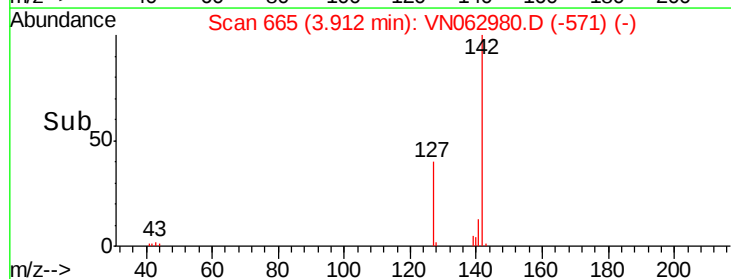
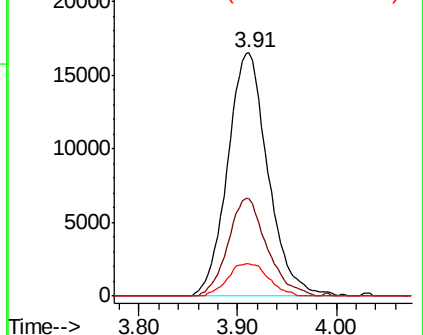
141 13.5 11.4 17.2

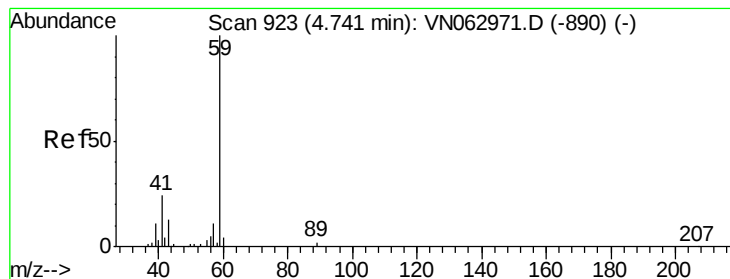


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 90.328 ug/l

RT: 4.74 min Scan# 922

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

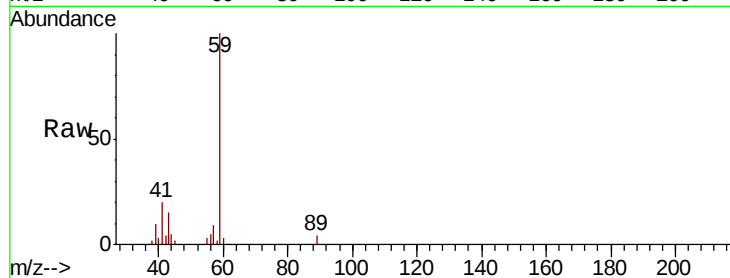
VN0817WBSD01

Tot Ion: 59 Resp: 39206

Ion Ratio Lower Upper

59 100

57 4.8 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VN062971.D (-890) (-)

Ion 57.00 (56.70 to 57.70): VN062971.D (-890) (-)

4.74

12000

10000

8000

6000

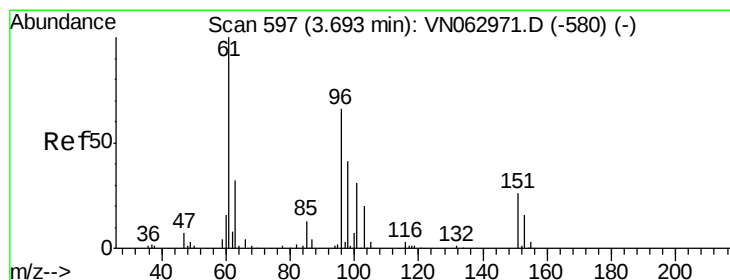
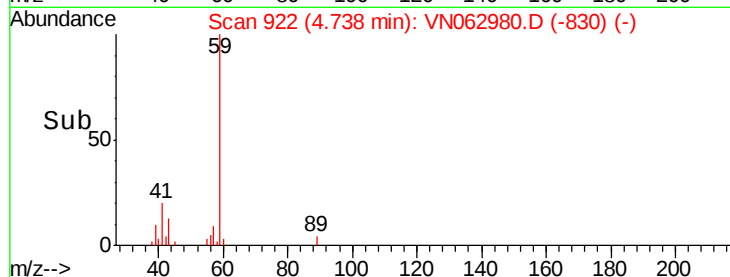
4000

2000

0

Time-->

4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 16.520 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

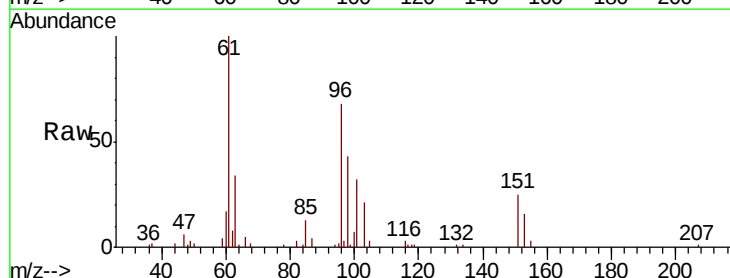
Tgt Ion: 96 Resp: 34026

Ion Ratio Lower Upper

96 100

61 147.8 120.4 180.6

98 63.1 49.8 74.6



Abundance Ion 95.90 (95.60 to 96.60): VN062971.D (-580) (-)

Ion 60.90 (60.60 to 61.60): VN062971.D (-580) (-)

Ion 97.90 (97.60 to 98.60): VN062971.D (-580) (-)

25000

20000

15000

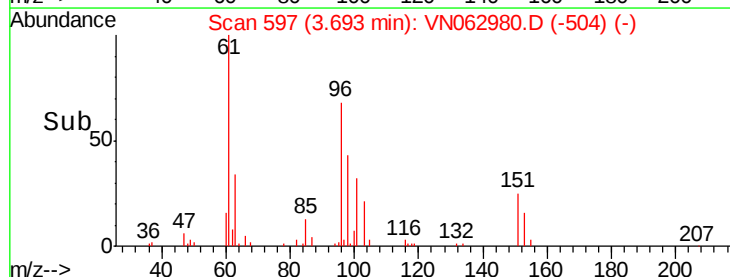
10000

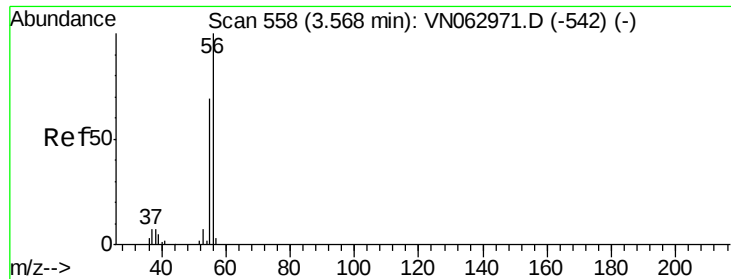
5000

0

Time-->

3.60 3.70 3.80





#13

Acrolein

Concen: 56.070 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

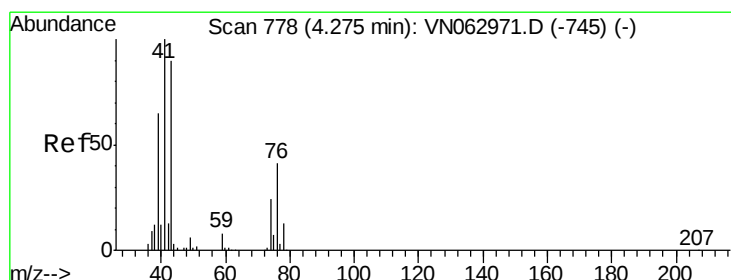
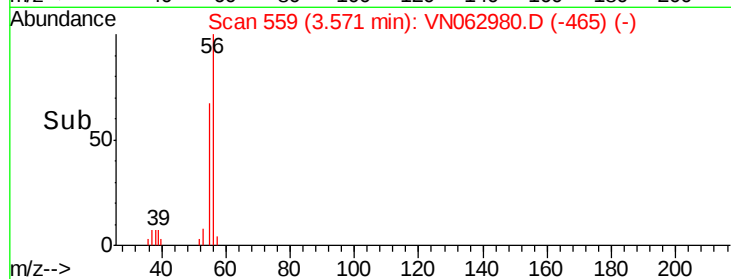
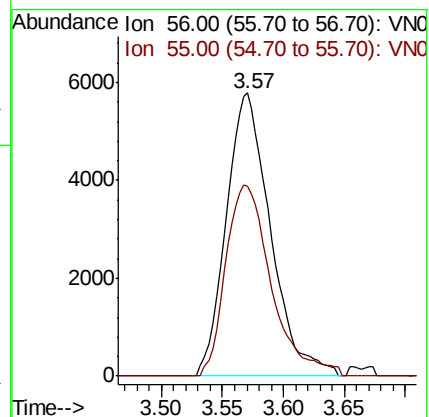
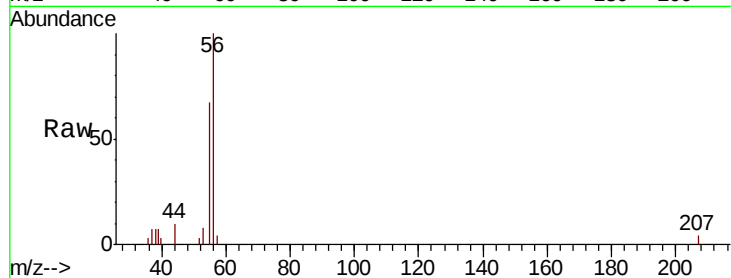
VN0817WBSD01

Tot Ion: 56 Resp: 14601

Ion Ratio Lower Upper

56 100

55 69.6 56.1 84.1



#14

Allyl chloride

Concen: 16.259 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

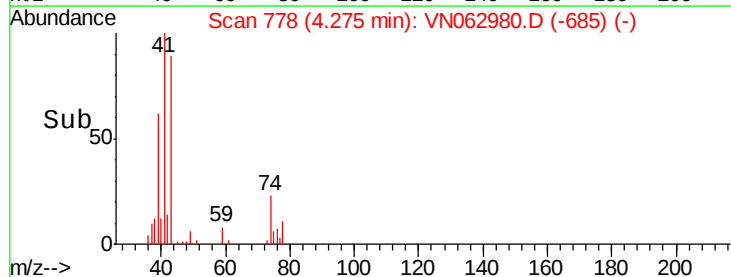
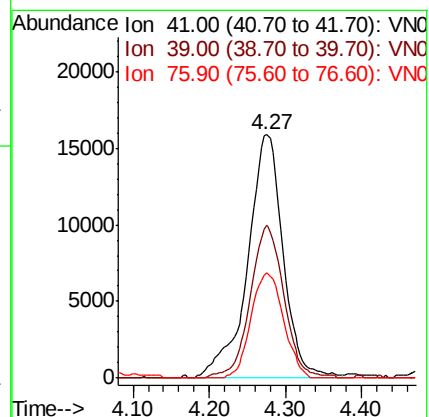
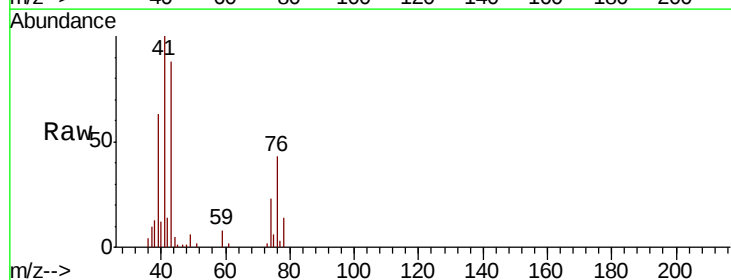
Tgt Ion: 41 Resp: 51706

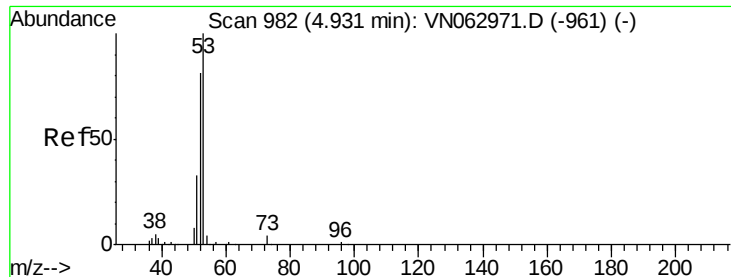
Ion Ratio Lower Upper

41 100

39 59.1 46.7 70.1

76 39.4 30.2 45.4





#15

Acrylonitrile

Concen: 87.788 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

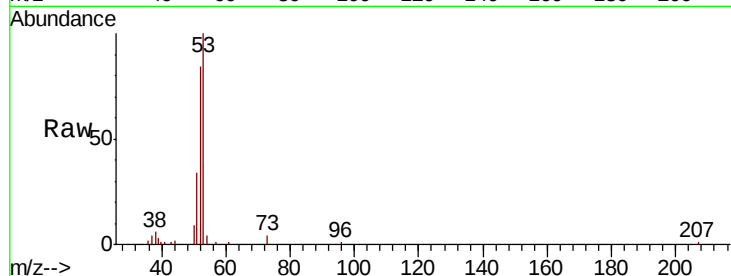
Tot Ion: 53 Resp: 100486

Ion Ratio Lower Upper

53 100

52 81.4 65.0 97.6

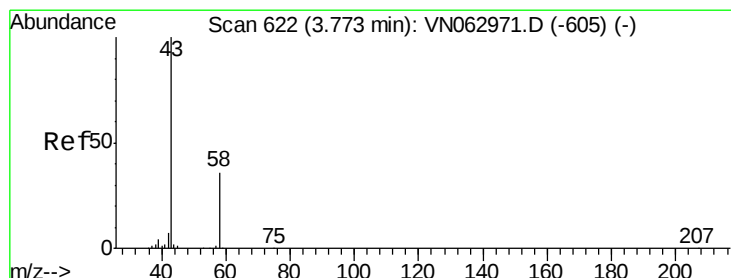
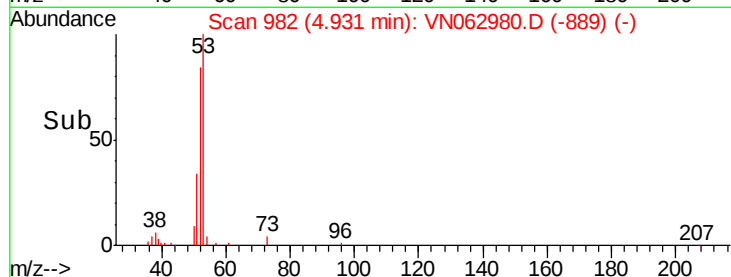
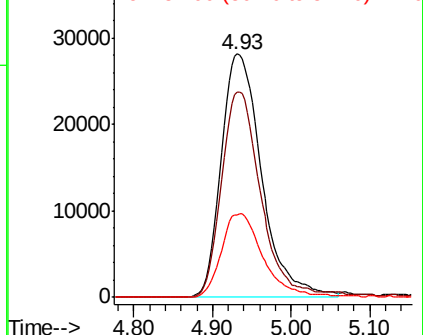
51 34.9 27.4 41.2



Abundance Ion 53.00 (52.70 to 53.70): VN062971.D (-961) (-)

Ion 52.00 (51.70 to 52.70): VN062971.D (-961) (-)

Ion 51.00 (50.70 to 51.70): VN062971.D (-961) (-)



#16

Acetone

Concen: 77.527 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062980.D

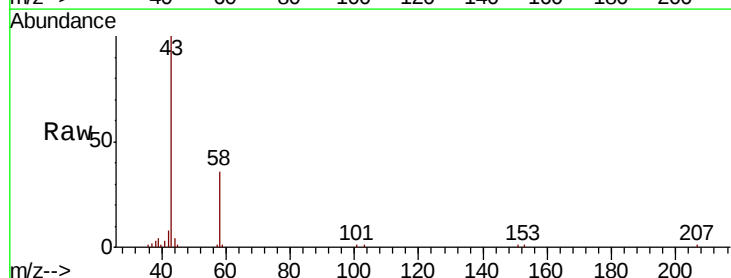
Acq: 17 Aug 2020 19:56

Tgt Ion: 43 Resp: 76244

Ion Ratio Lower Upper

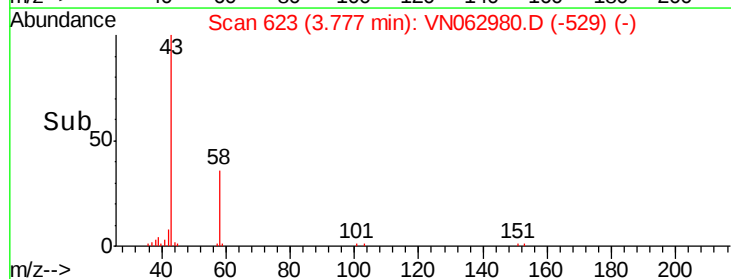
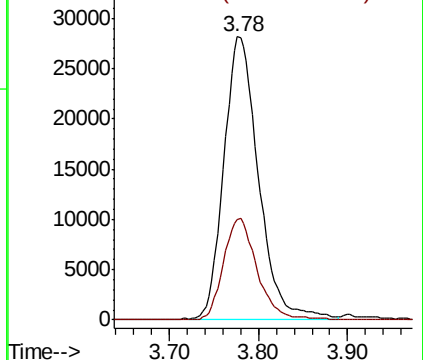
43 100

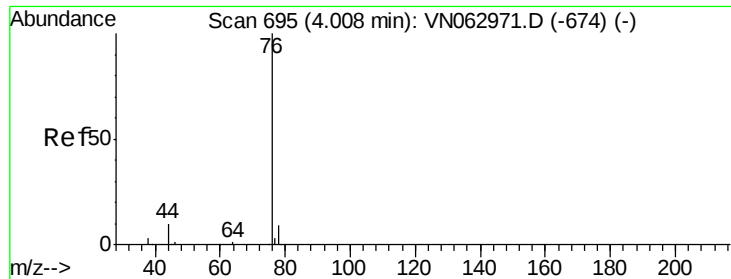
58 35.6 28.7 43.1



Abundance Ion 43.00 (42.70 to 43.70): VN062971.D (-605) (-)

Ion 58.00 (57.70 to 58.70): VN062971.D (-605) (-)

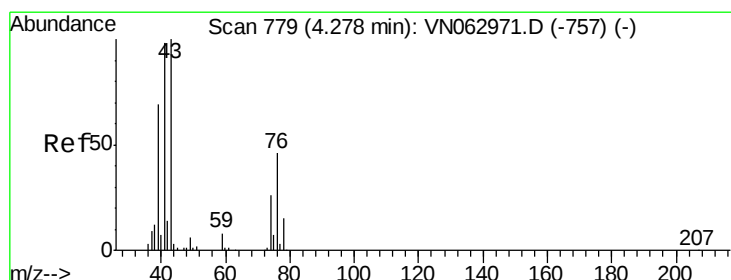
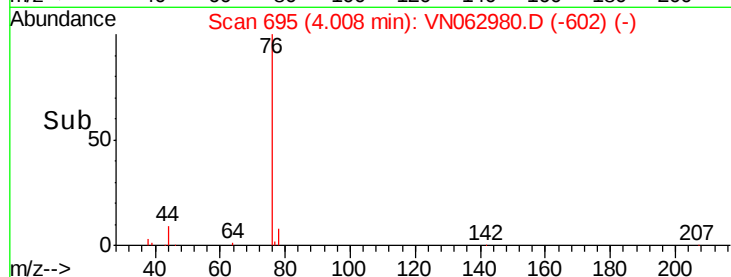
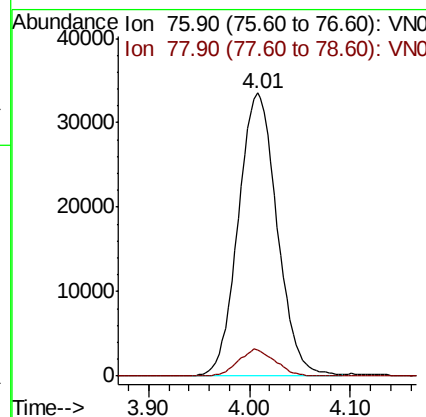
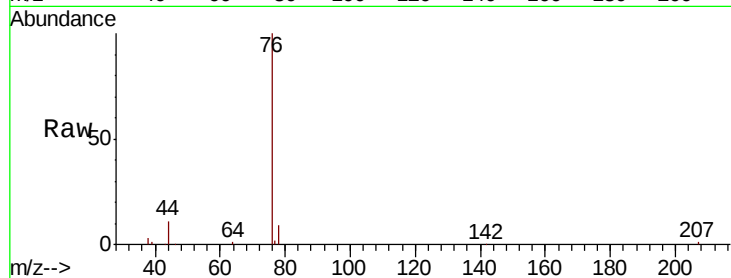




#17
Carbon Disulfide
Concen: 15.167 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

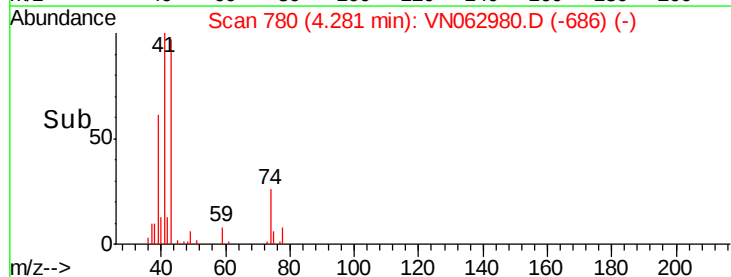
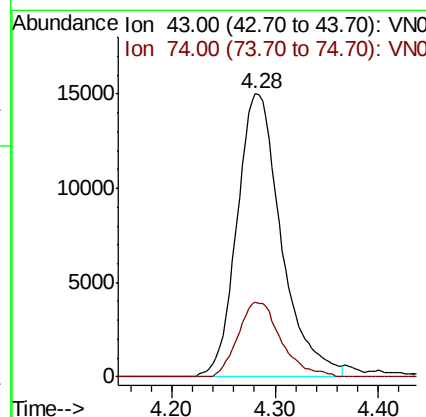
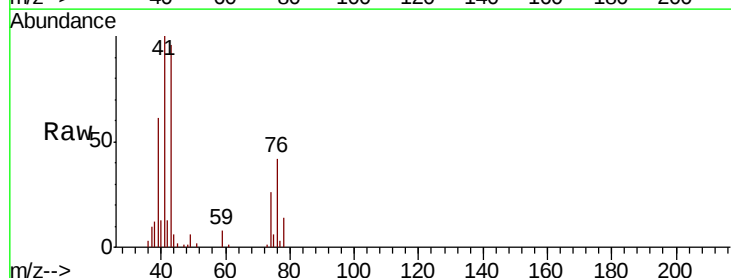
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

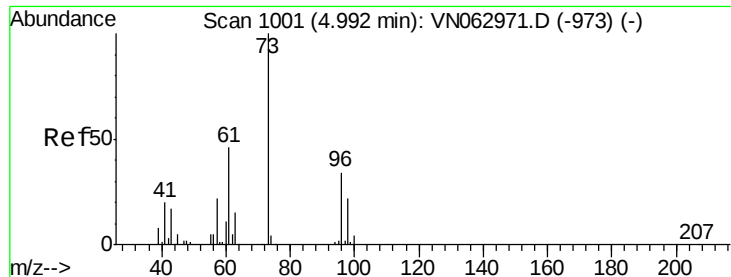
Tot Ion: 76 Resp: 89644
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 21.024 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion: 43 Resp: 44940
Ion Ratio Lower Upper
43 100
74 25.6 21.6 32.4

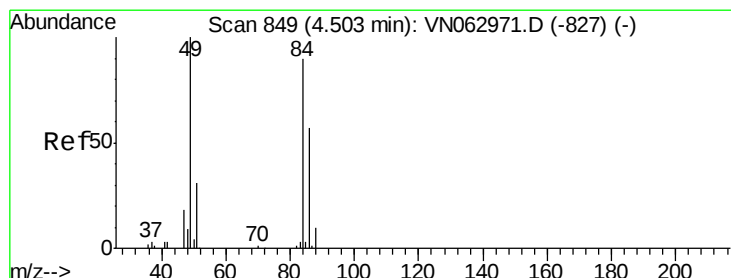
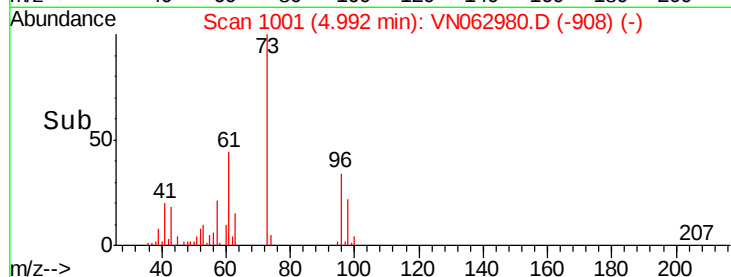
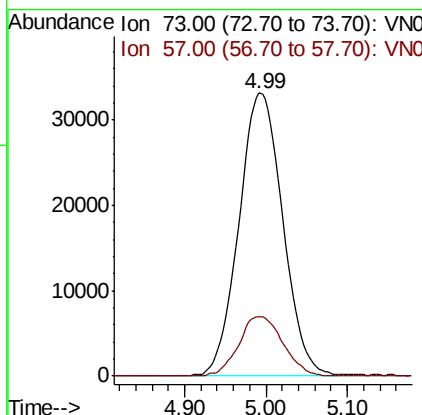
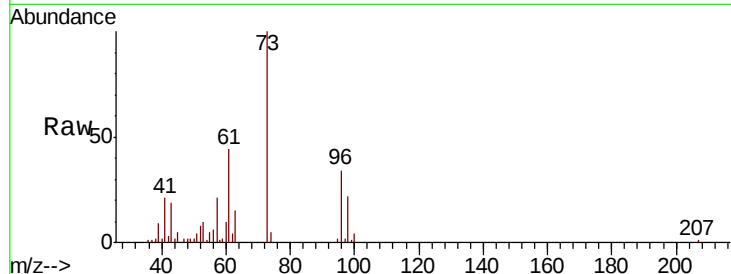




#19
Methyl tert-butyl Ether
Concen: 18.377 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

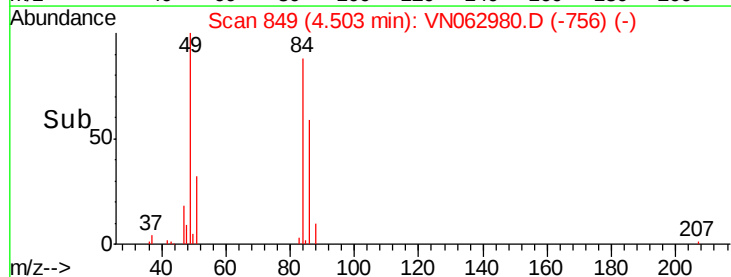
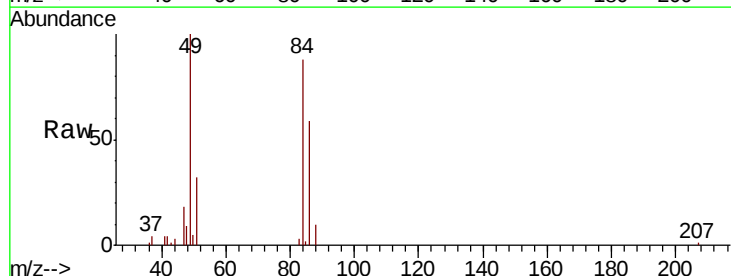
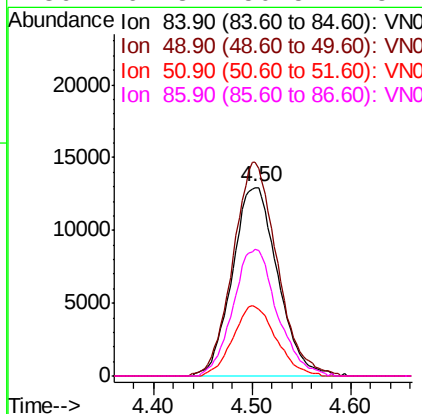
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

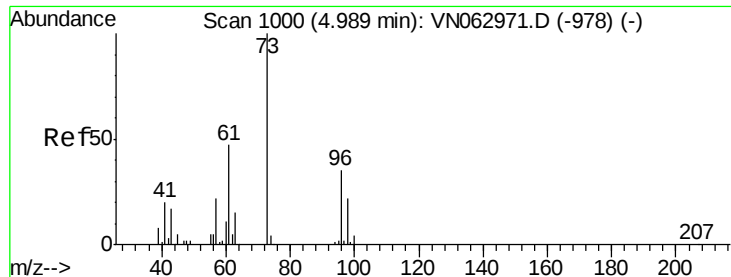
Tot Ion: 73 Resp: 123640
Ion Ratio Lower Upper
73 100
57 21.0 17.6 26.4



#20
Methylene Chloride
Concen: 17.808 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion: 84 Resp: 41378
Ion Ratio Lower Upper
84 100
49 113.4 88.8 133.2
51 36.8 27.1 40.7
86 67.3 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 17.077 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

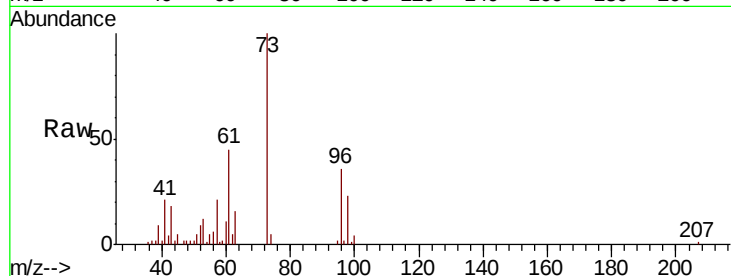
Tot Ion: 96 Resp: 36842

Ion Ratio Lower Upper

96 100

61 125.7 107.7 161.5

98 64.3 51.0 76.4

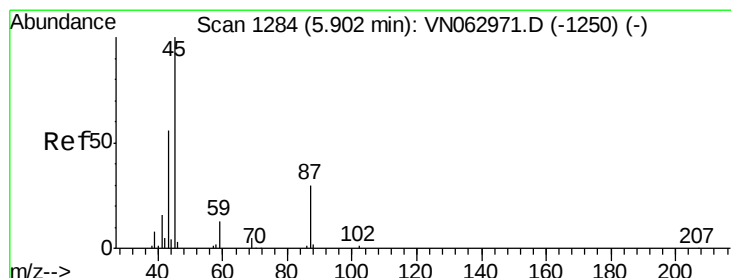
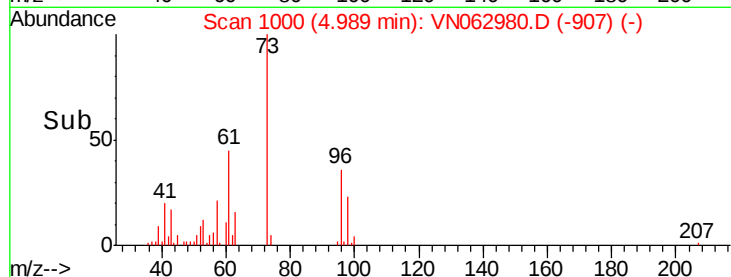
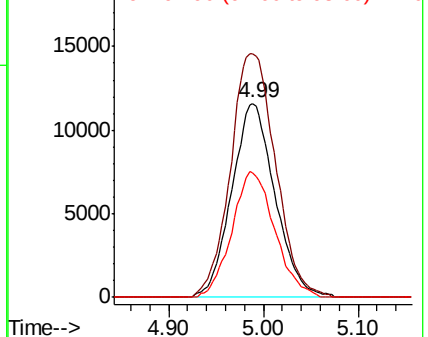


Abundance

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: 17.905 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Tgt Ion: 45 Resp: 123040

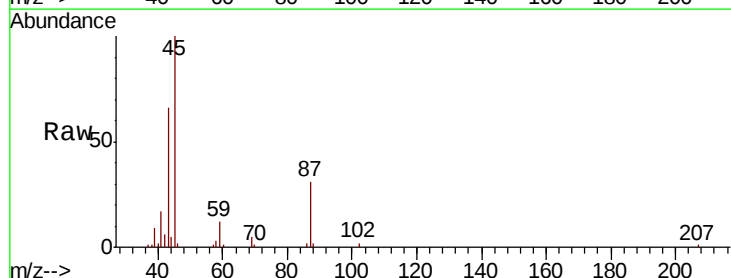
Ion Ratio Lower Upper

45 100

43 63.9 47.1 70.7

87 31.1 24.3 36.5

59 12.2 10.4 15.6



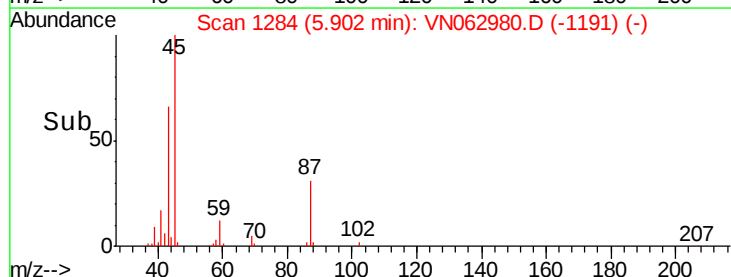
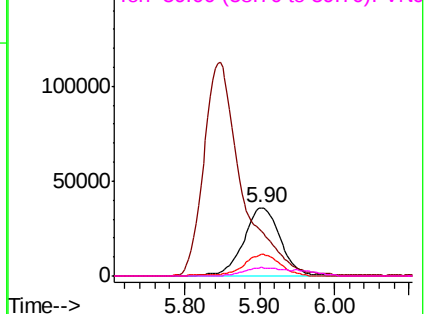
Abundance

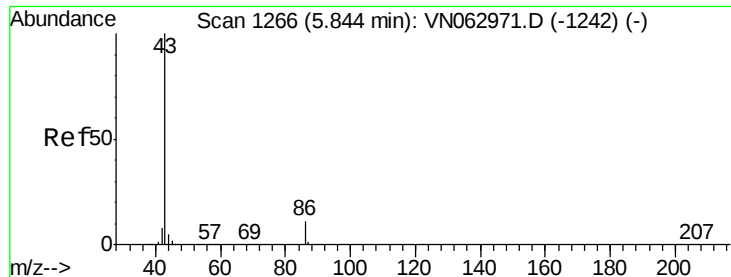
Ion 45.00 (44.70 to 45.70): VN0

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

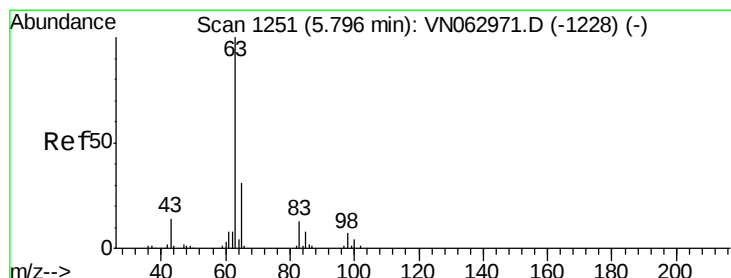
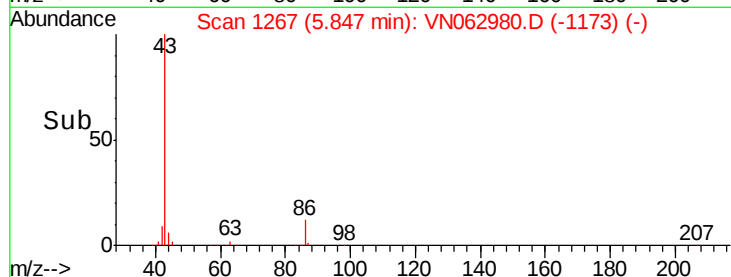
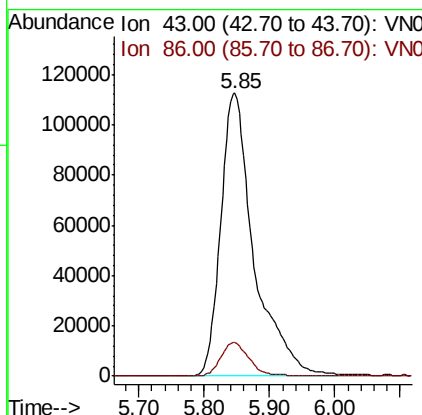
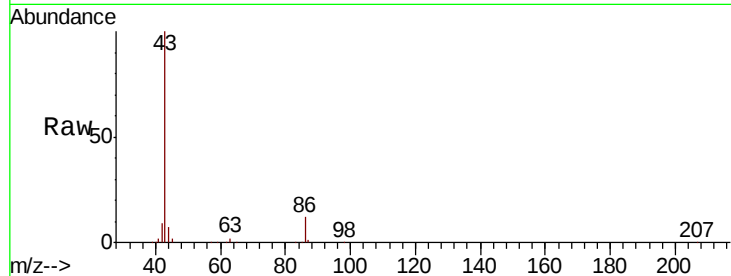




#23
 Vinyl Acetate
 Concen: 82.196 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

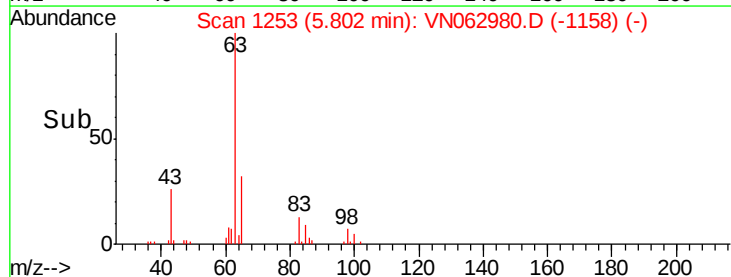
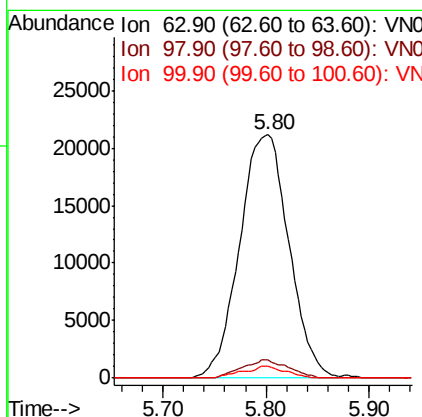
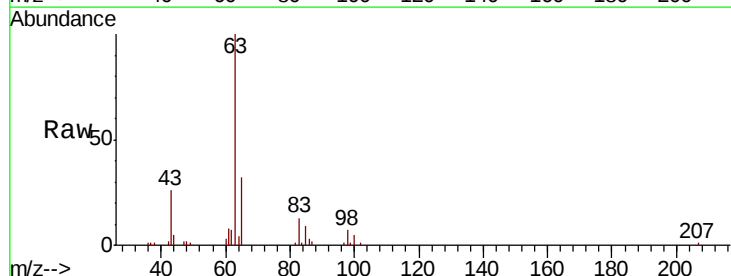
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01

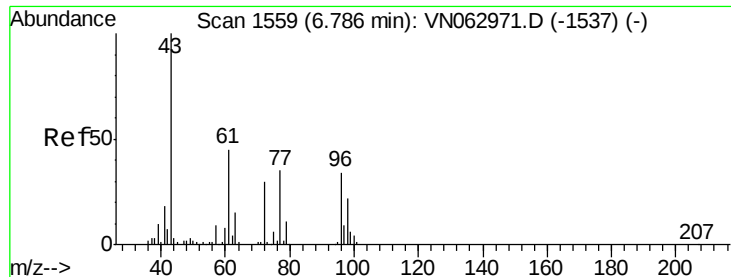
Tot Ion: 43 Resp: 398138
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 17.479 ug/l
 RT: 5.80 min Scan# 1253
 Delta R.T. 0.01 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

Tgt Ion: 63 Resp: 70226
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.6 2.0 6.0

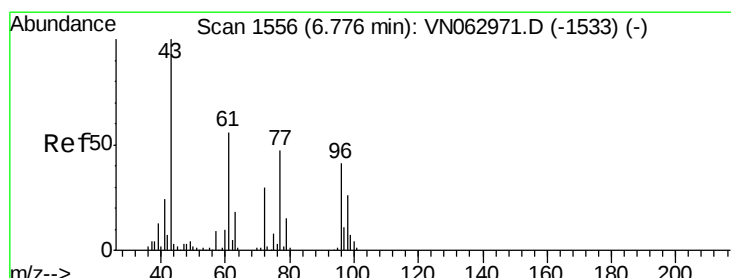
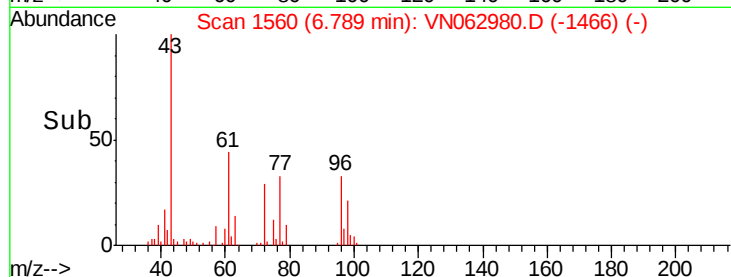
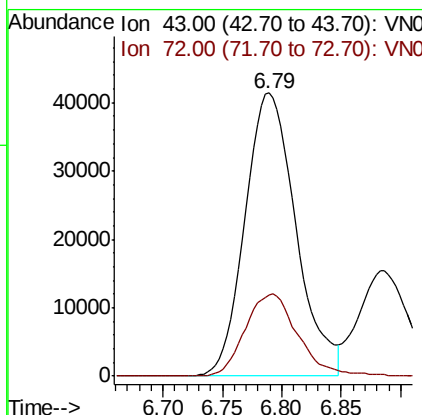
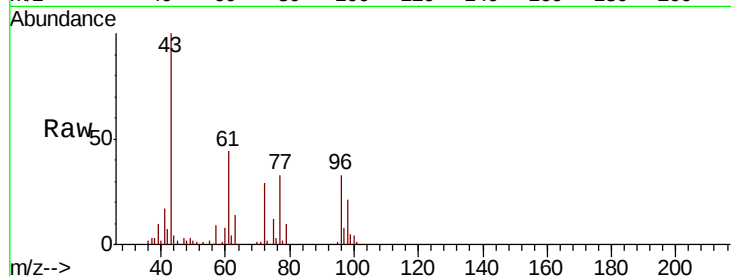




#25
 2-Butanone
 Concen: 86.860 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

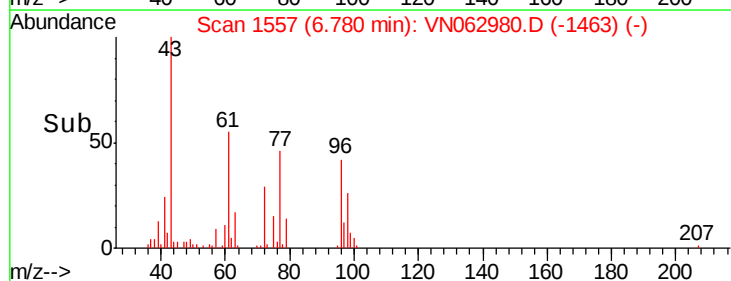
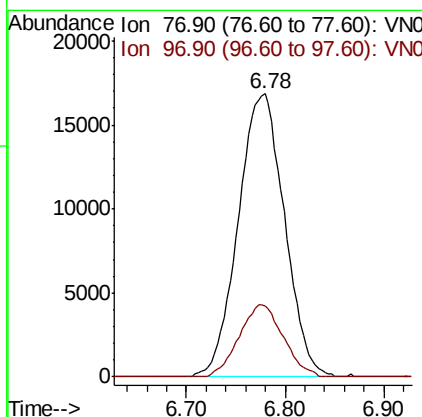
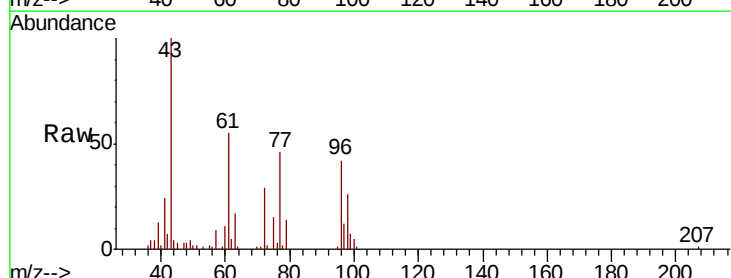
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01

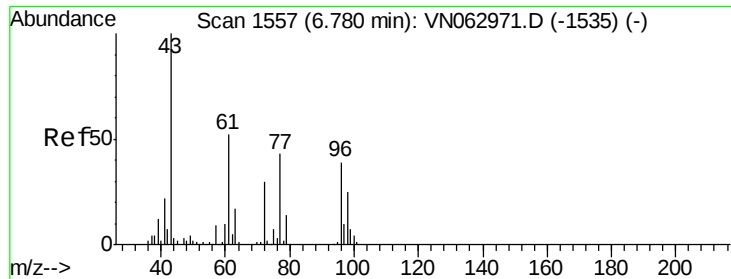
Tot Ion: 43 Resp: 123113
 Ion Ratio Lower Upper
 43 100
 72 28.9 23.9 35.9



#26
 2,2-Dichloropropane
 Concen: 16.478 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

Tgt Ion: 77 Resp: 54727
 Ion Ratio Lower Upper
 77 100
 97 24.3 12.0 36.1

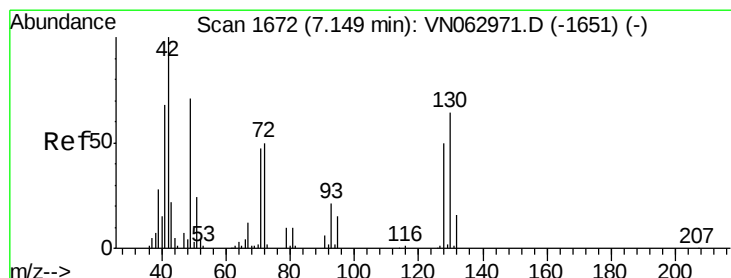
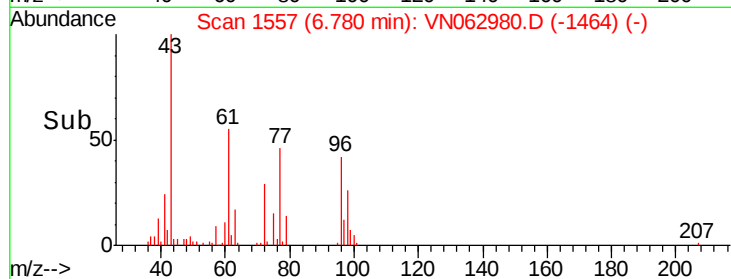
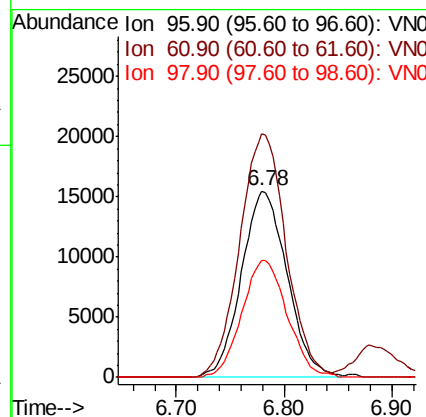
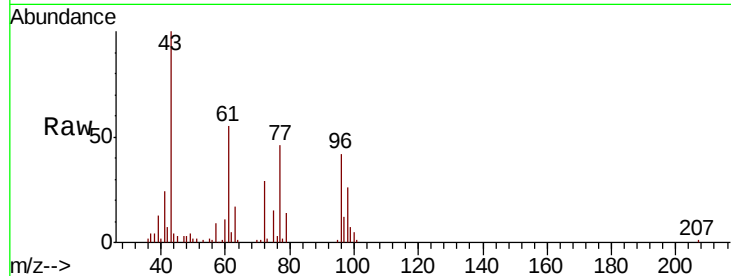




#27
 cis-1,2-Dichloroethene
 Concen: 17.820 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

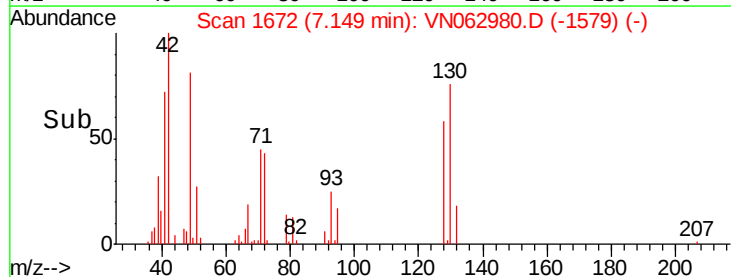
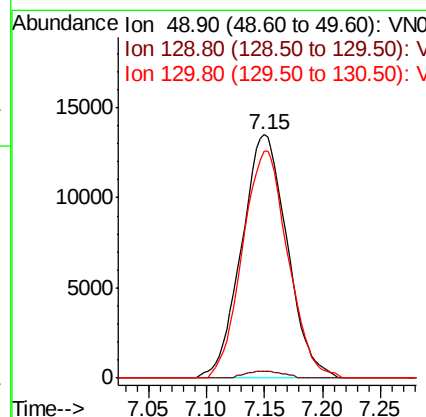
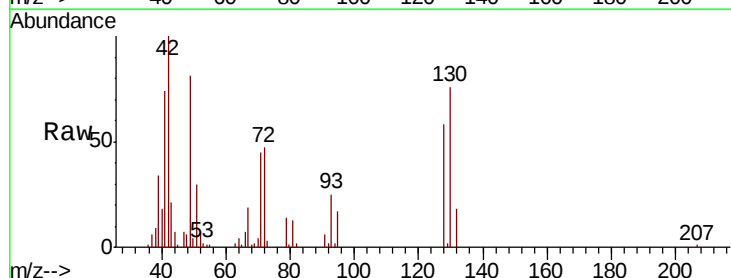
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01

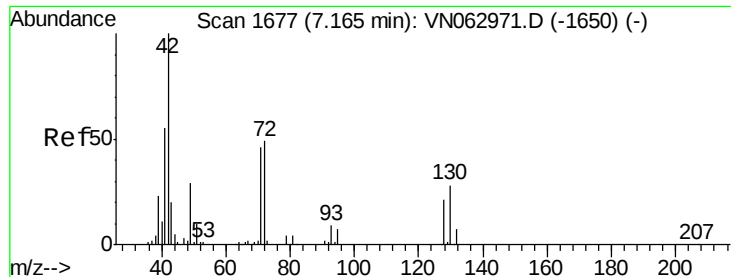
Tot Ion: 96 Resp: 45612
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 270.4
 98 62.1 0.0 128.2



#28
 Bromochloromethane
 Concen: 19.106 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

Tgt Ion: 49 Resp: 37007
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 92.6 73.5 110.3

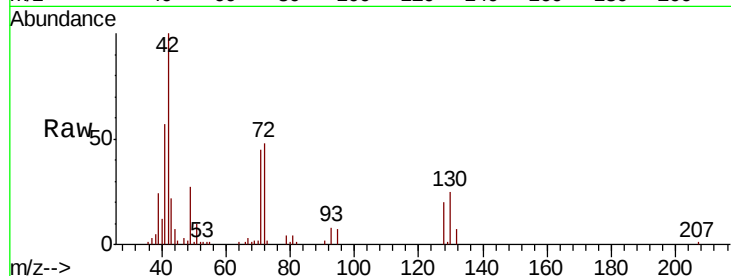




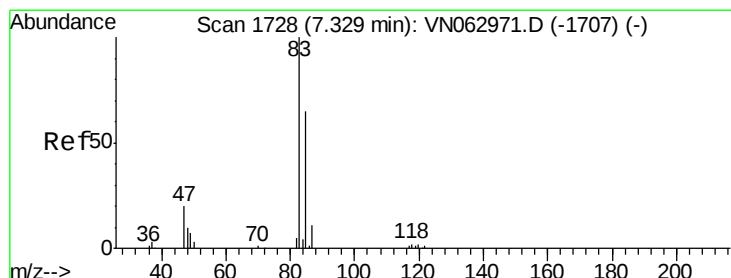
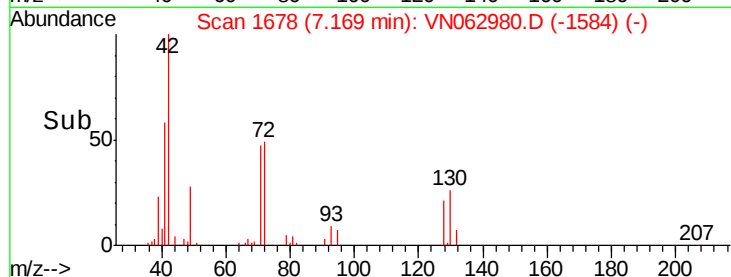
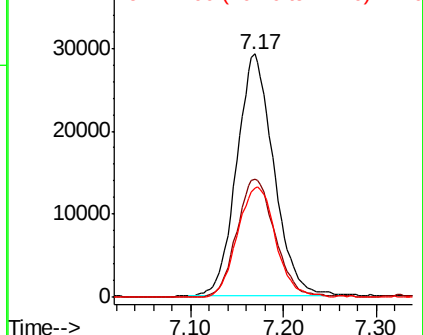
#29
Tetrahydrofuran
Concen: 104.645 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

Tot Ion: 42 Resp: 80758
Ion Ratio Lower Upper
42 100
72 50.6 39.4 59.2
71 47.3 37.2 55.8

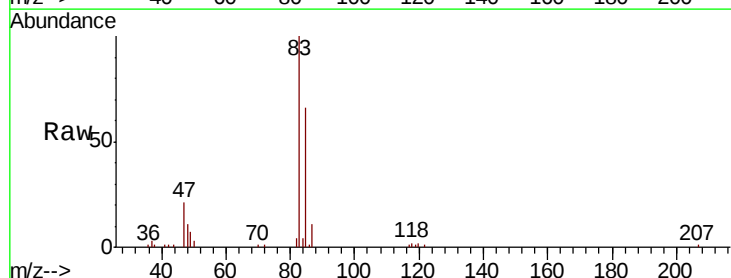


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

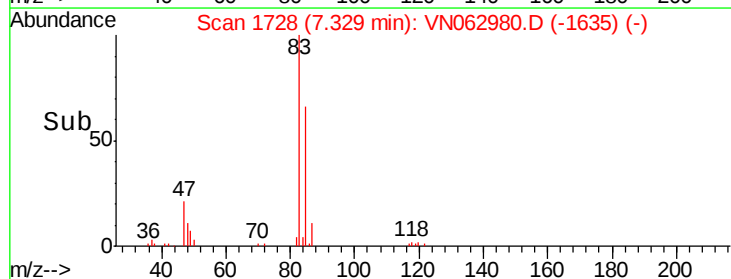
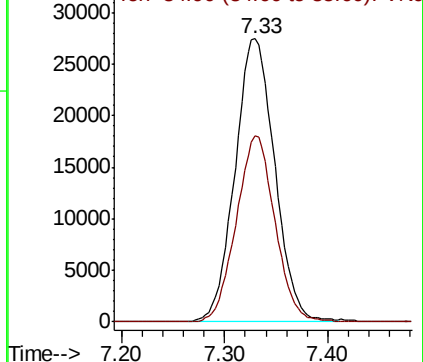


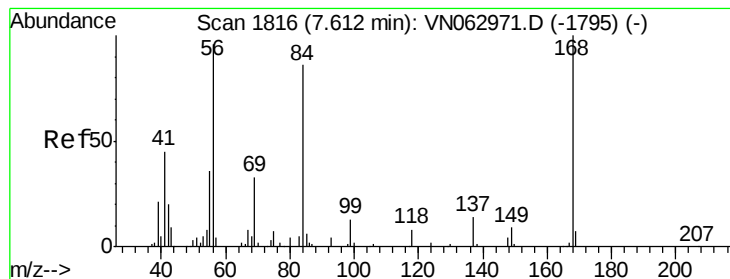
#30
Chloroform
Concen: 17.550 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion: 83 Resp: 73527
Ion Ratio Lower Upper
83 100
85 65.9 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: 17.378 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

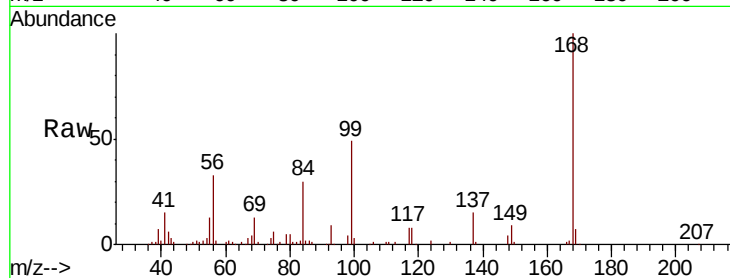
Tot Ion: 56 Resp: 68085

Ion Ratio Lower Upper

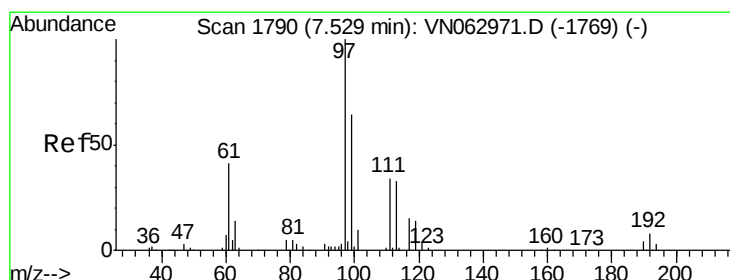
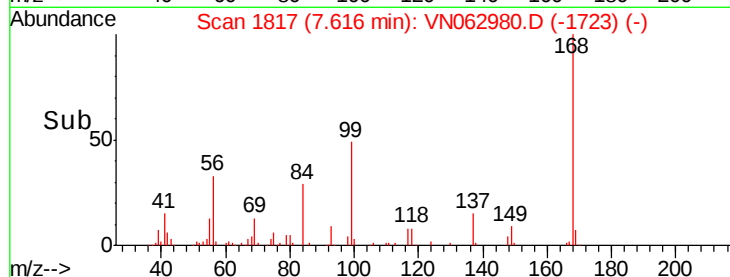
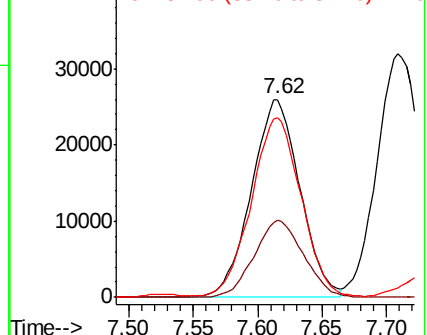
56 100

69 38.8 27.4 41.2

84 90.1 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: 18.095 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

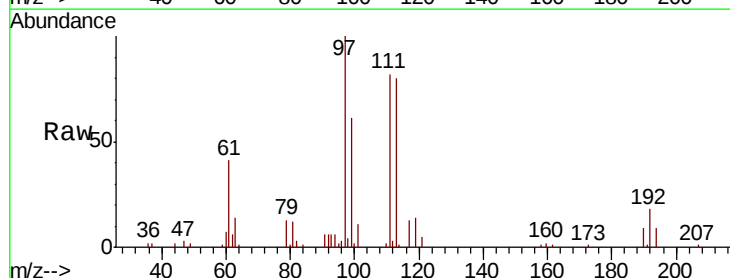
Tgt Ion: 97 Resp: 62928

Ion Ratio Lower Upper

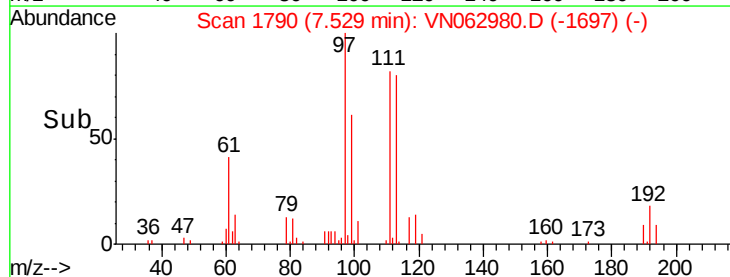
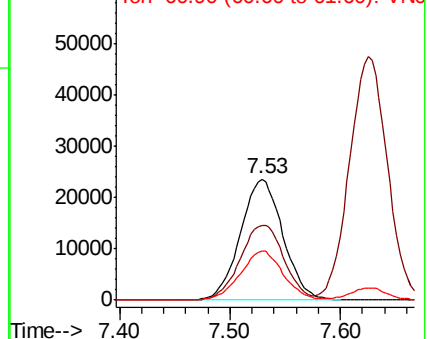
97 100

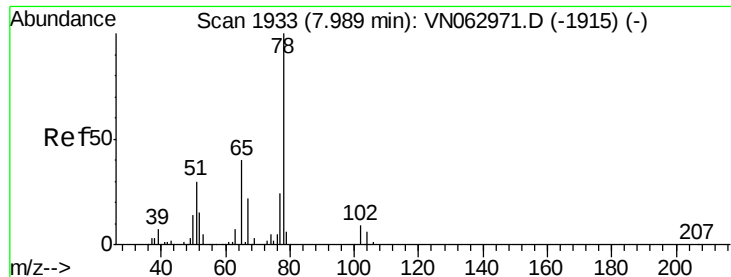
99 63.7 52.2 78.4

61 41.1 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

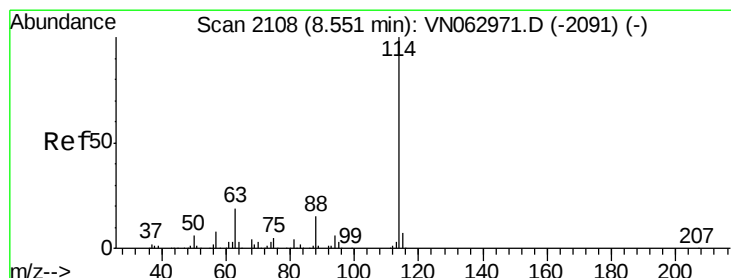
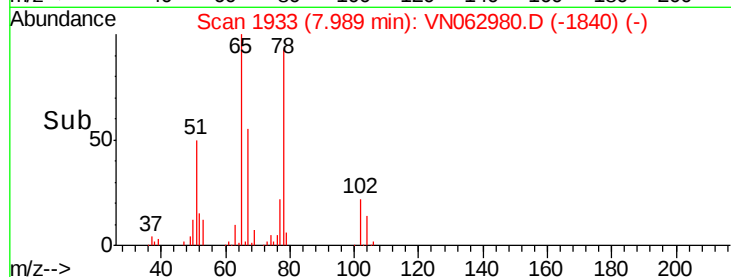
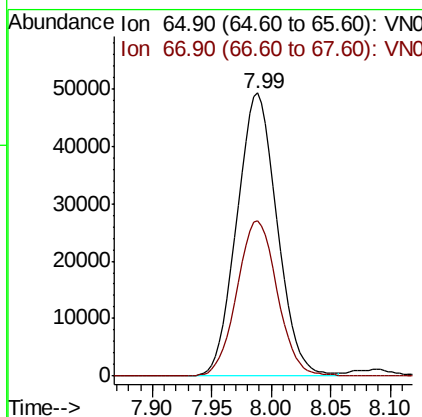
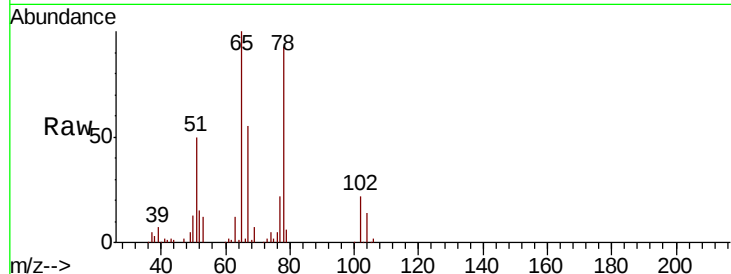




#33
 1,2-Dichloroethane-d4
 Concen: 45.529 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

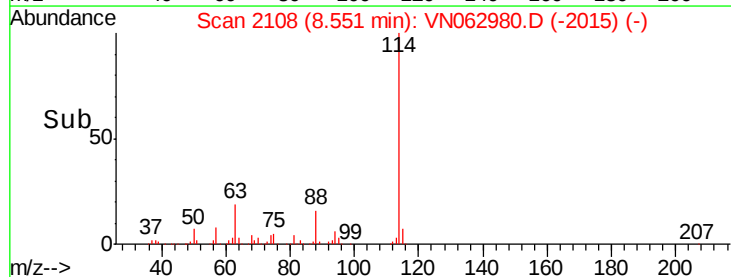
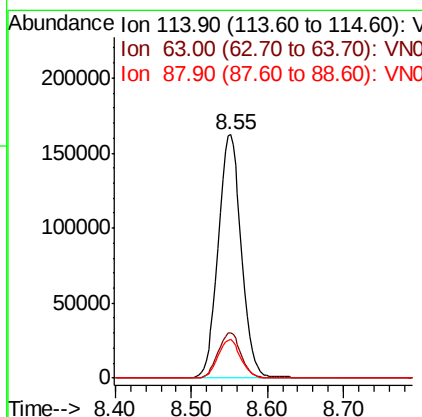
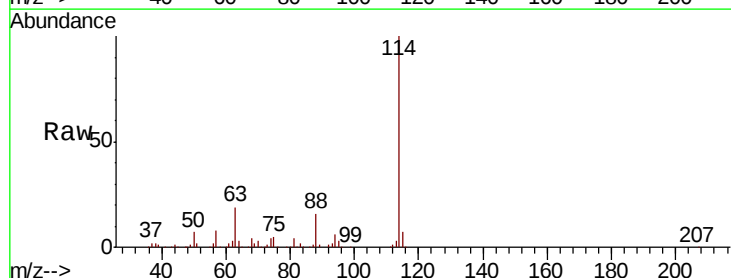
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01

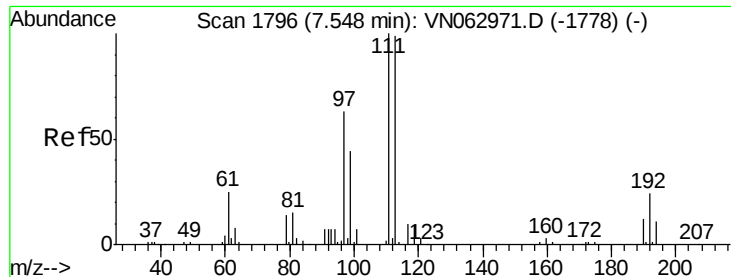
Tot Ion: 65 Resp: 115642
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

Tgt Ion: 114 Resp: 343293
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 37.6
 88 15.7 0.0 31.0

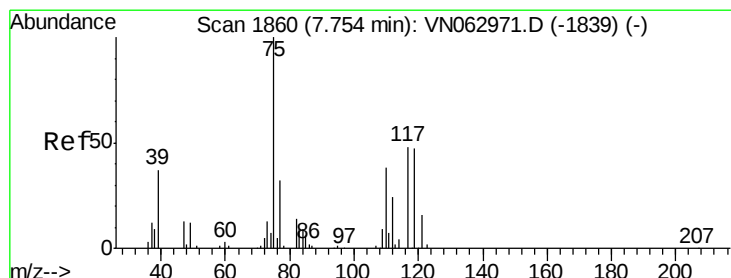
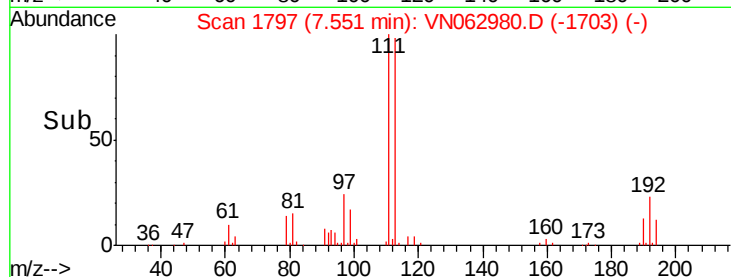
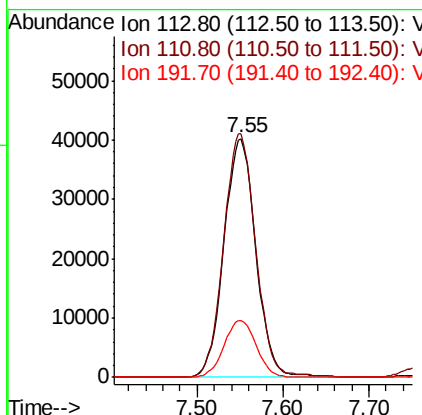
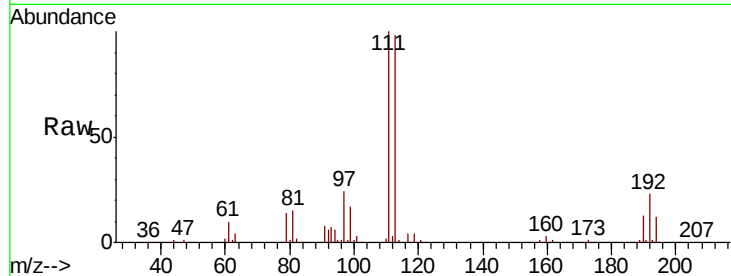




#35
Dibromofluoromethane
Concen: 46.242 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

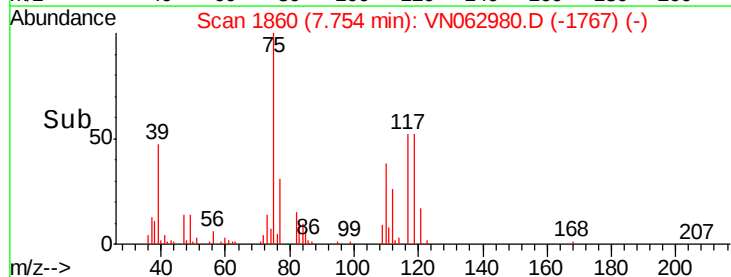
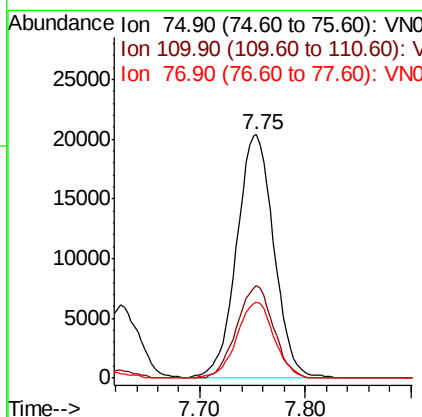
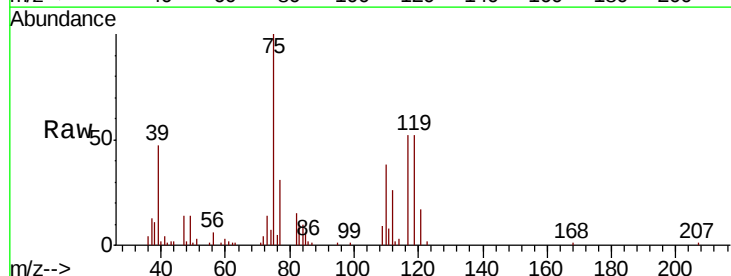
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

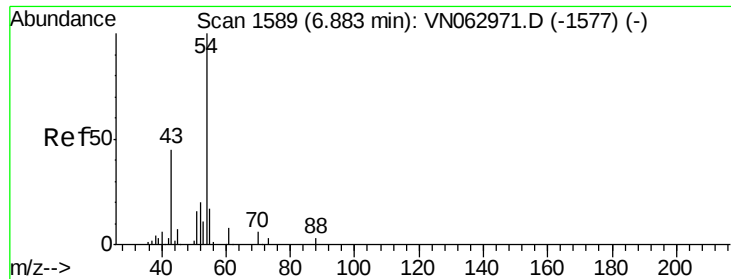
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	24.0	19.2	28.8



#36
1,1-Dichloropropene
Concen: 16.993 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.7	56.1
77	31.2	25.6	38.4

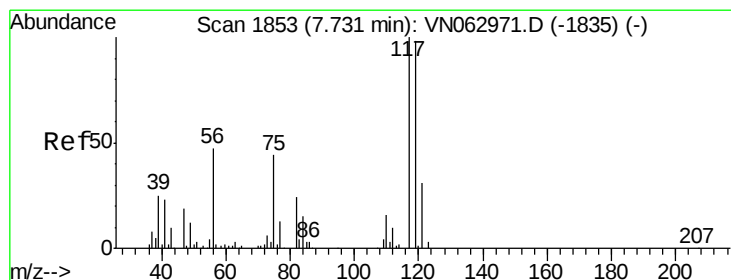
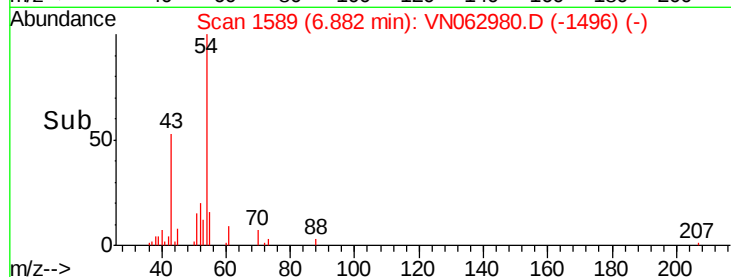
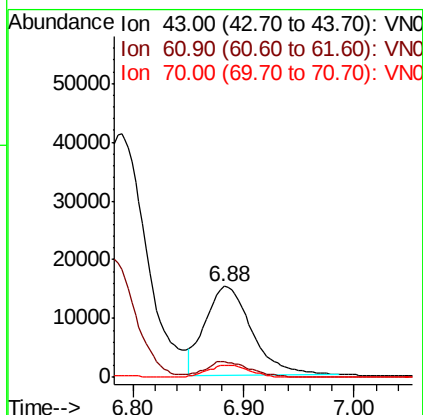
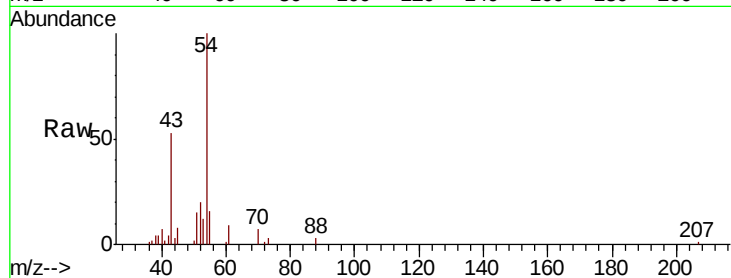




#37
Ethyl Acetate
Concen: 16.715 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

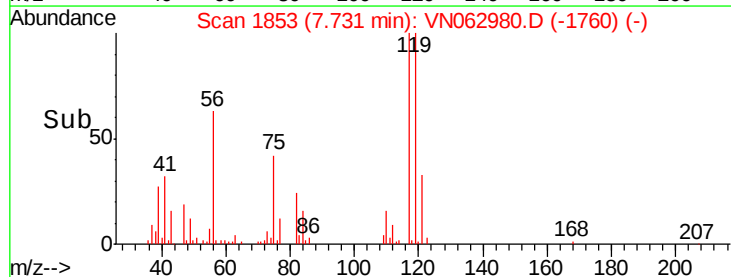
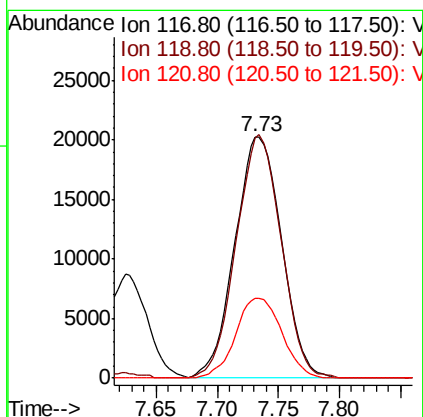
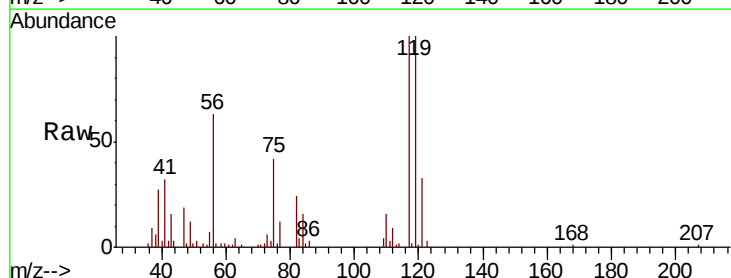
Instrument :
MSVOA_N
ClientSampled :
VN0817WBSD01

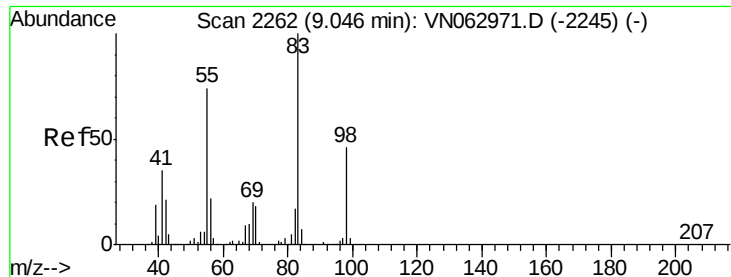
Tot Ion: 43 Resp: 44969
Ion Ratio Lower Upper
43 100
61 16.8 12.4 18.6
70 12.0 9.9 14.9



#38
Carbon Tetrachloride
Concen: 17.293 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion: 117 Resp: 53803
Ion Ratio Lower Upper
117 100
119 99.7 77.9 116.9
121 32.8 24.8 37.2

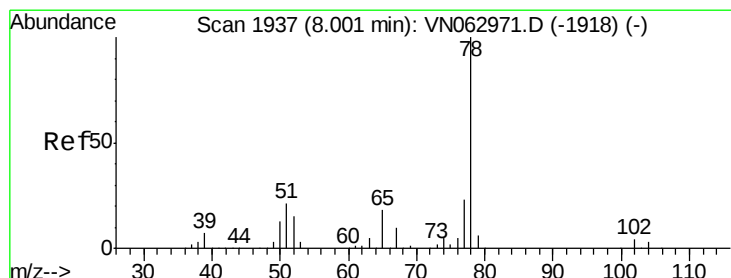
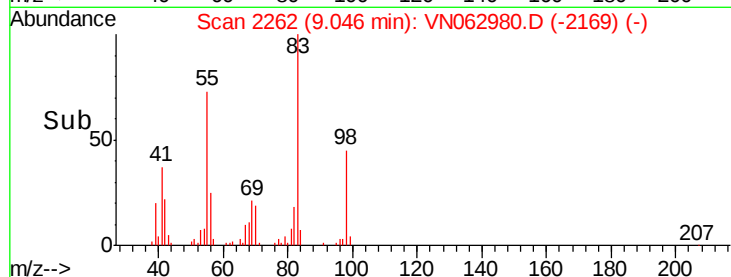
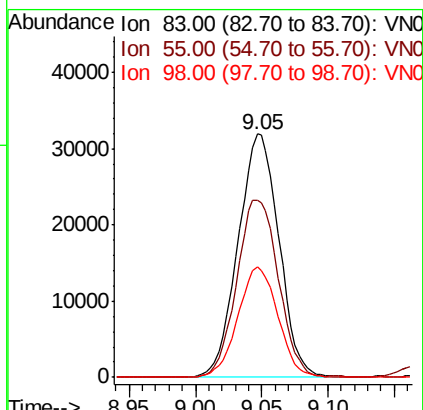
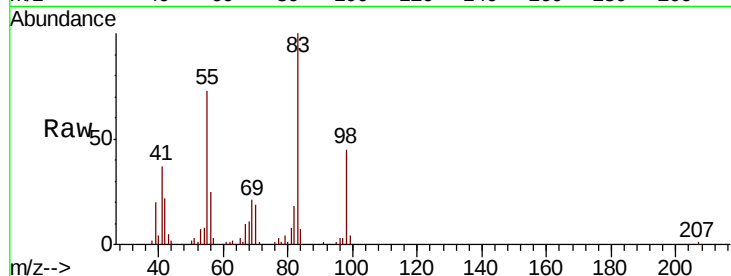




#39
Methvlcvclohexane
Concen: 17.496 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

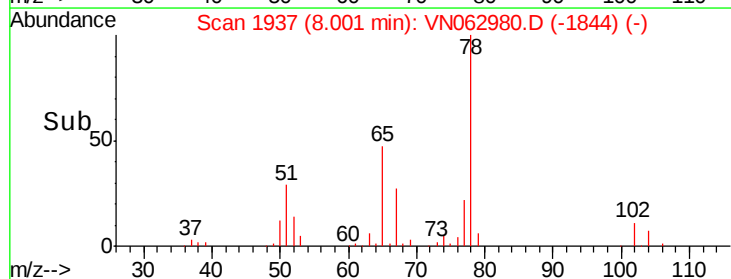
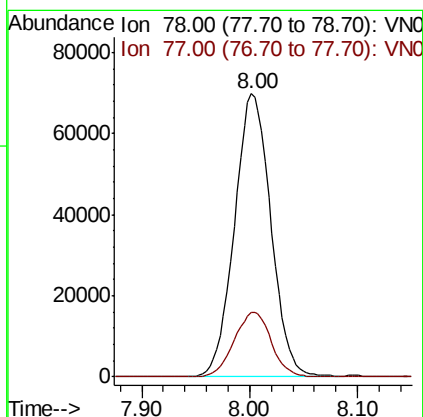
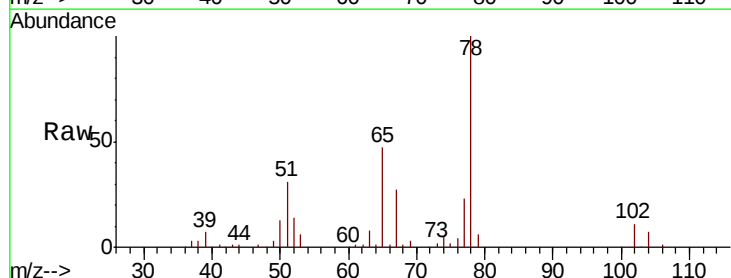
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

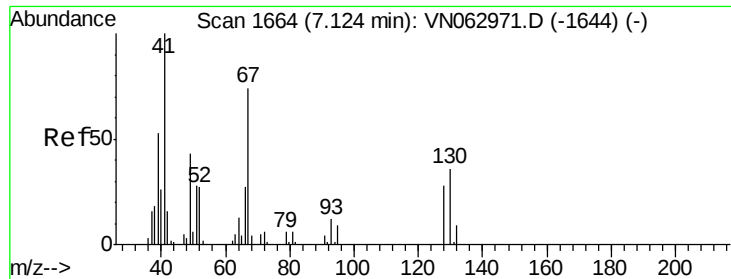
Tot Ion	83	Resp	68376
Ion	Ratio	Lower	Upper
83	100		
55	72.7	59.0	88.6
98	45.3	36.8	55.2



#40
Benzene
Concen: 17.627 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion	78	Resp	164197
Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.6	27.8

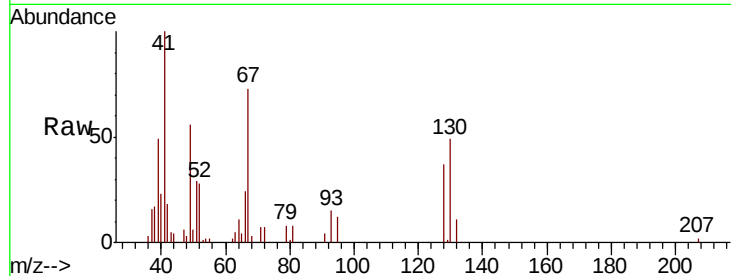




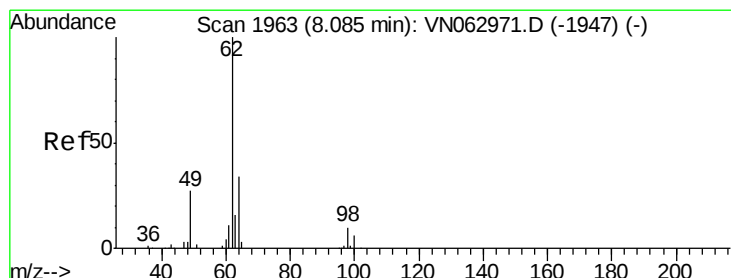
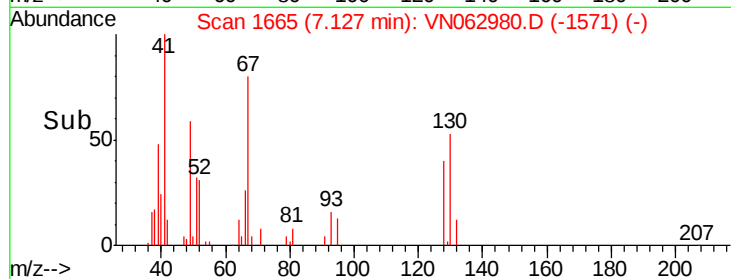
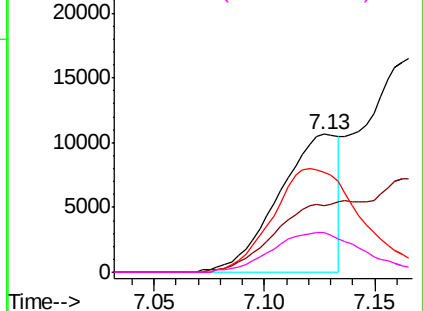
#41
Methacrylonitrile
Concen: 15.176 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

Tot Ion:	41	Resp:	20023
Ion	Ratio	Lower	Upper
41	100		
39	68.6	58.6	88.0
67	112.1	90.1	135.1
52	44.7	34.7	52.1

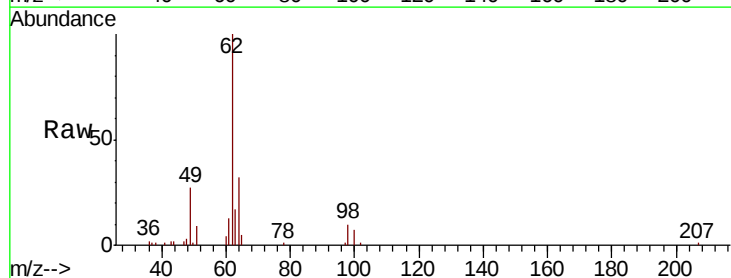


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

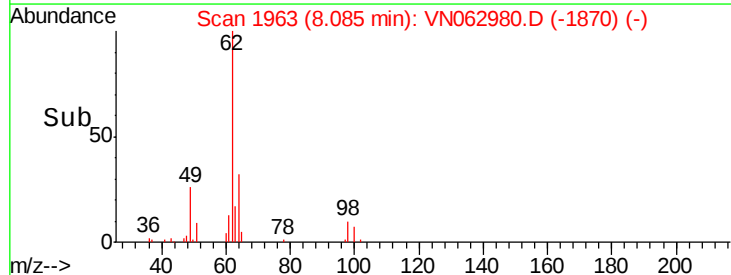
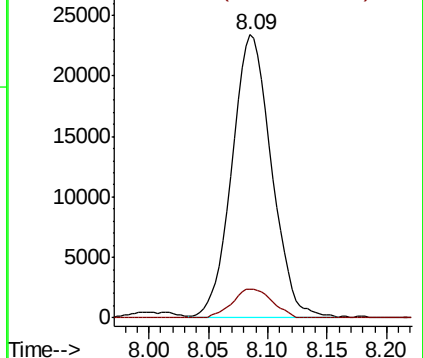


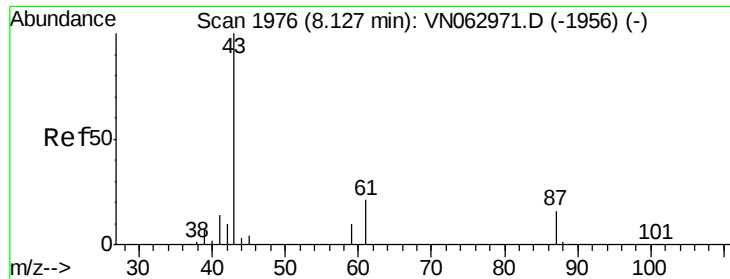
#42
1,2-Dichloroethane
Concen: 17.691 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion:	62	Resp:	54089
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.8



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





#43

Isopropyl Acetate

Concen: 17.753 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

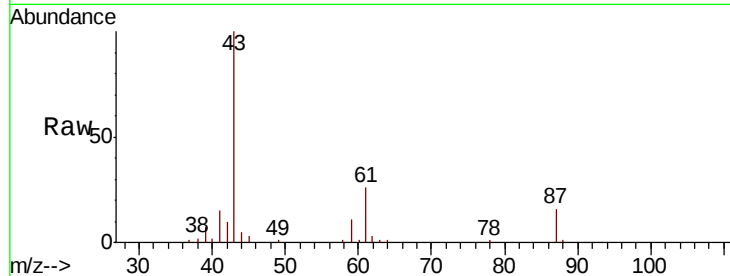
Tot Ion: 43 Resp: 75883

Ion Ratio Lower Upper

43 100

61 24.4 24.6 36.8#

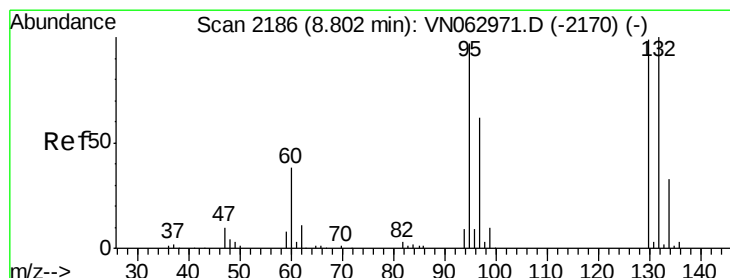
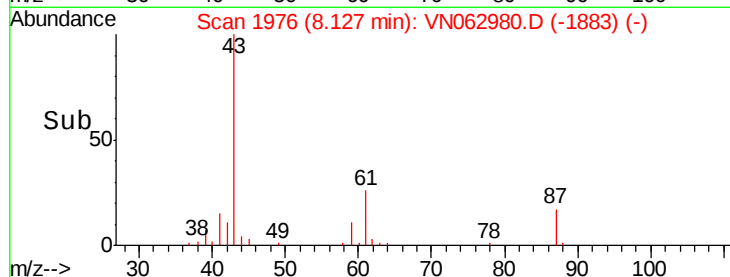
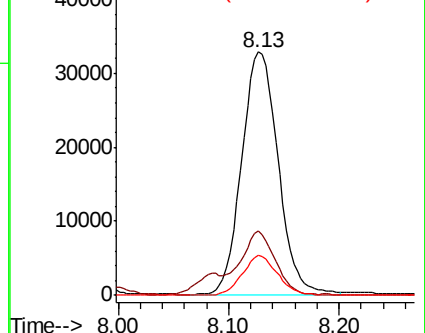
87 15.6 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VN062971.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN062971.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN062971.D (-1956) (-)



#44

Trichloroethene

Concen: 17.709 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062980.D

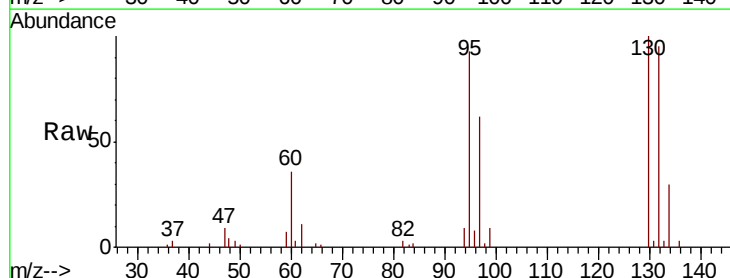
Acq: 17 Aug 2020 19:56

Tgt Ion:130 Resp: 44473

Ion Ratio Lower Upper

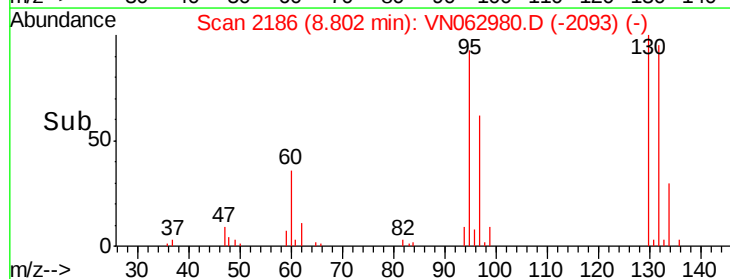
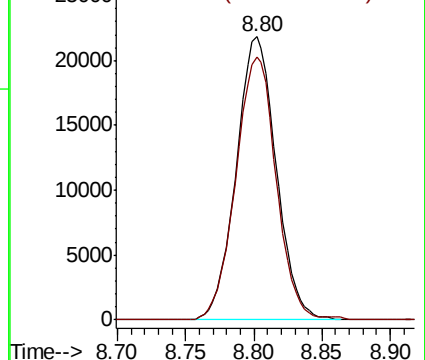
130 100

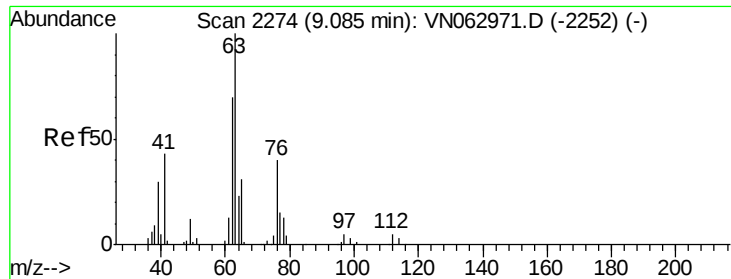
95 93.0 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): VN062971.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062971.D (-2170) (-)

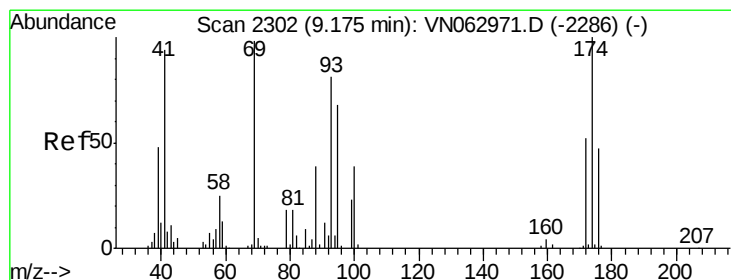
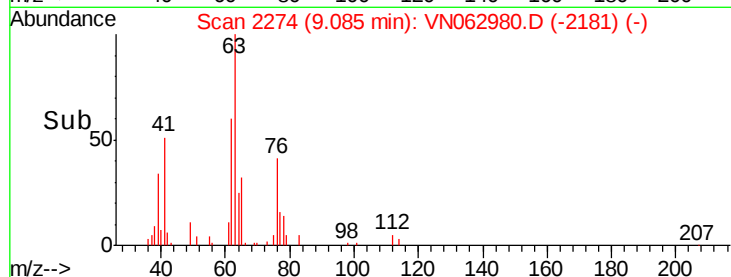
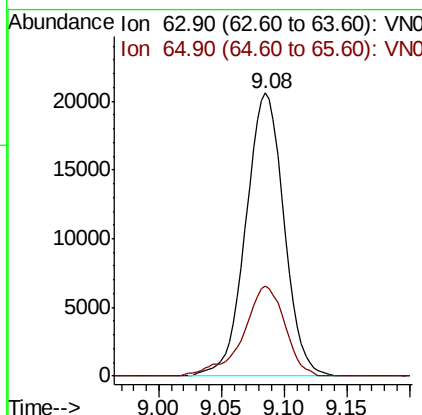
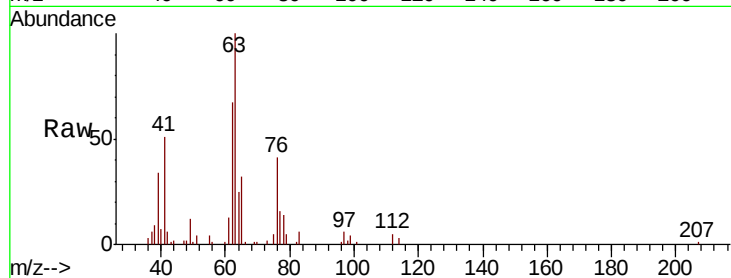




#45
 1,2-Dichloropropane
 Concen: 16.816 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

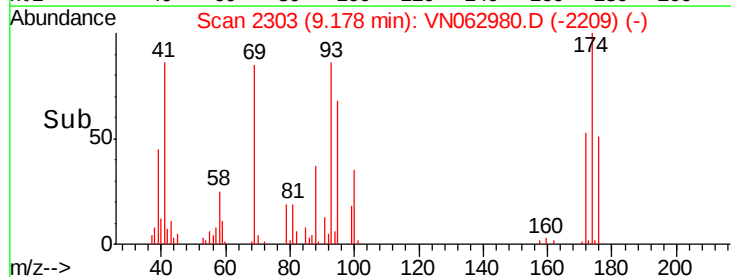
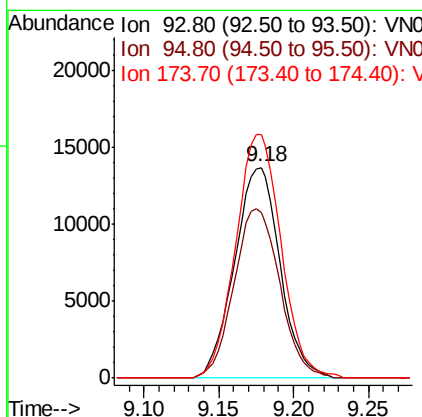
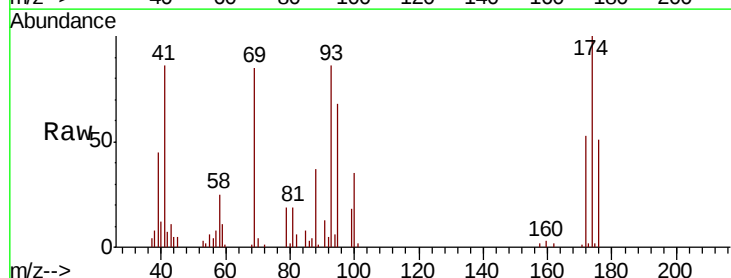
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01

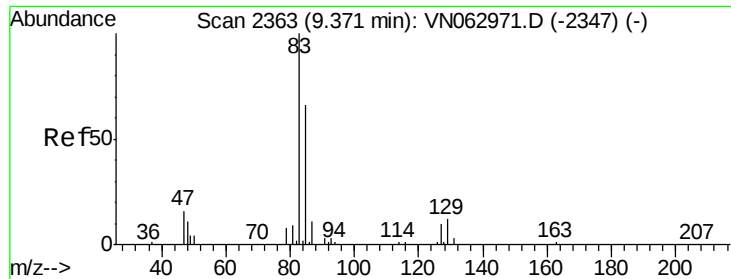
Tot Ion: 63 Resp: 43644
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1



#46
 Dibromomethane
 Concen: 17.977 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

Tgt Ion: 93 Resp: 29049
 Ion Ratio Lower Upper
 93 100
 95 80.8 66.6 99.8
 174 115.2 96.6 145.0

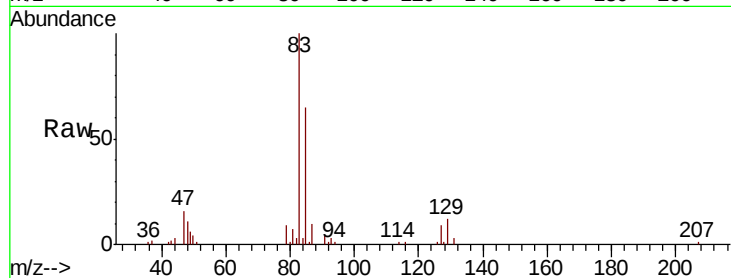




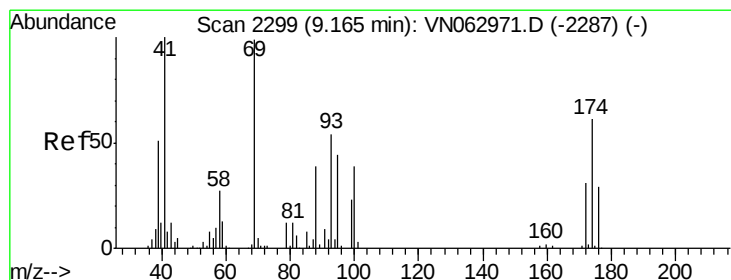
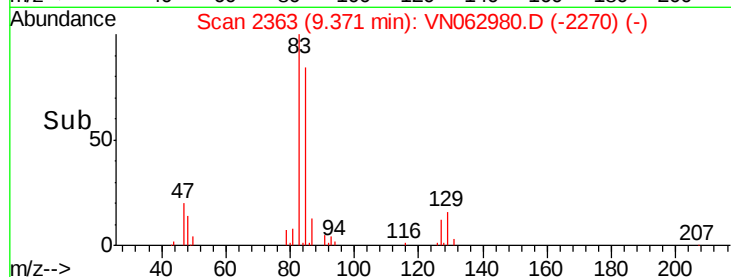
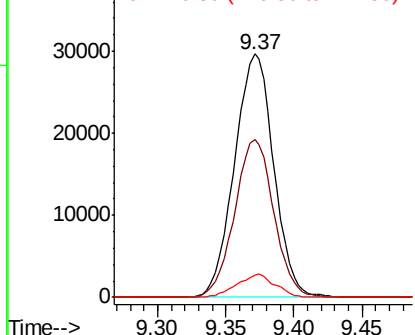
#47
Bromodichloromethane
Concen: 18.070 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

Tot Ion: 83 Resp: 59225
Ion Ratio Lower Upper
83 100
85 64.8 52.4 78.6
127 9.3 7.8 11.6

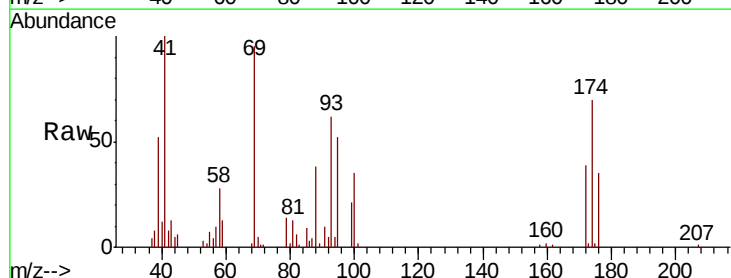


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

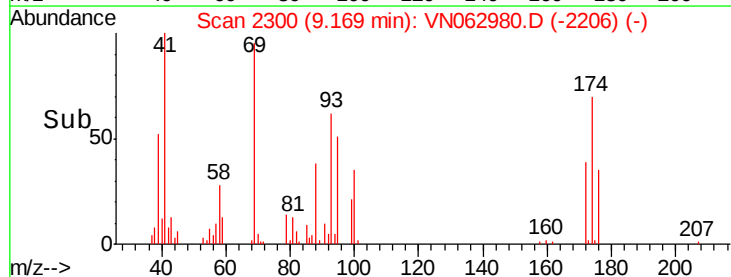
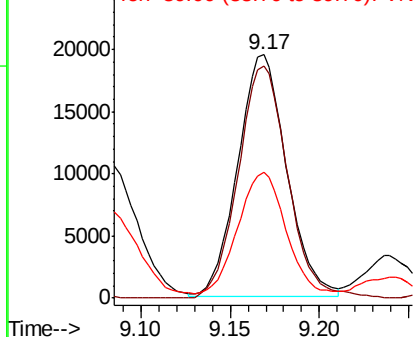


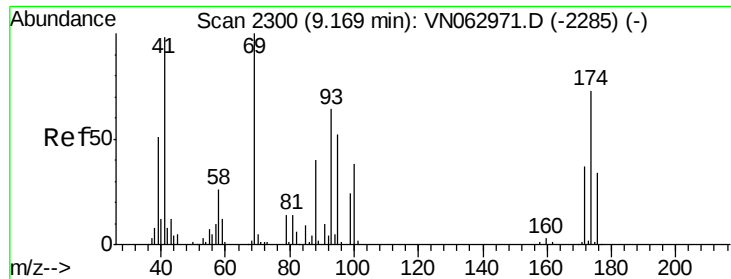
#48
Methyl methacrylate
Concen: 17.851 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion: 41 Resp: 37321
Ion Ratio Lower Upper
41 100
69 97.2 81.1 121.7
39 53.0 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

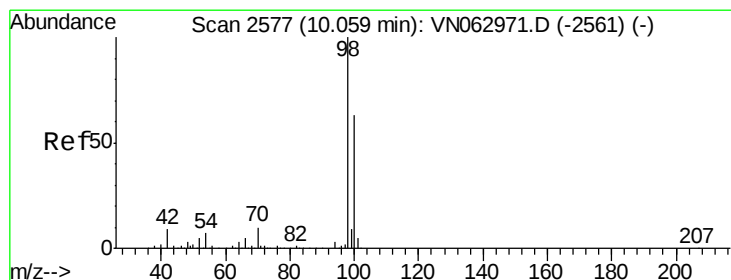
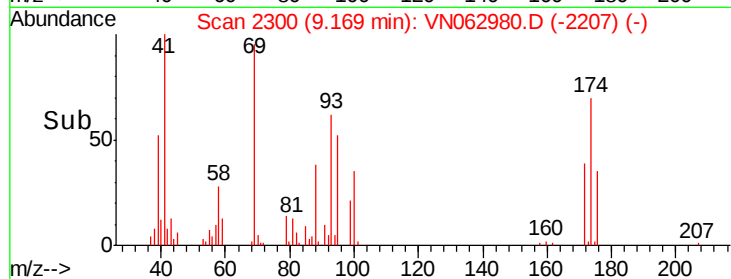
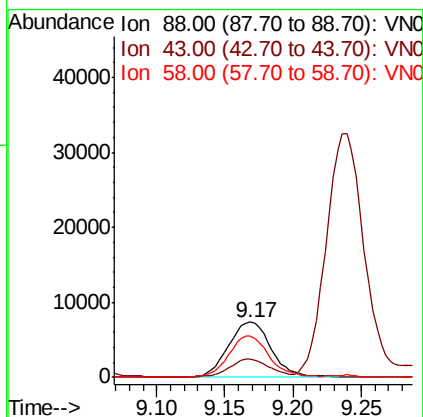
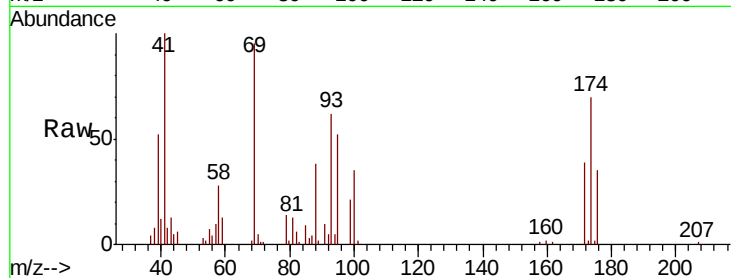




#49
 1,4-Dioxane
 Concen: 364.002 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

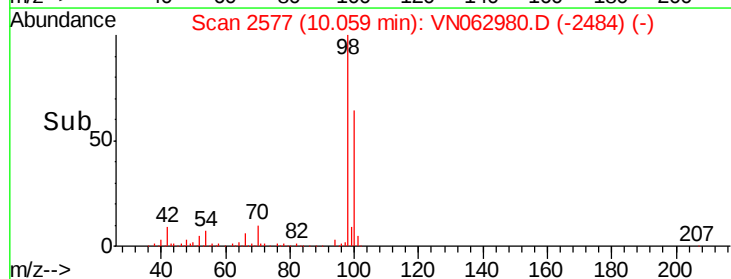
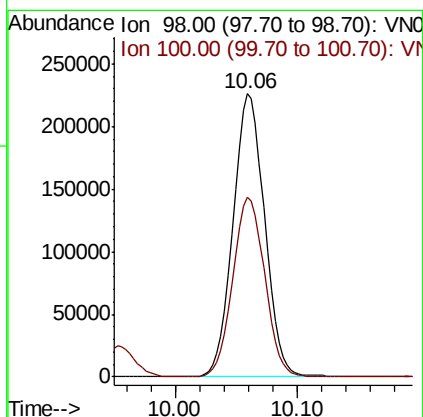
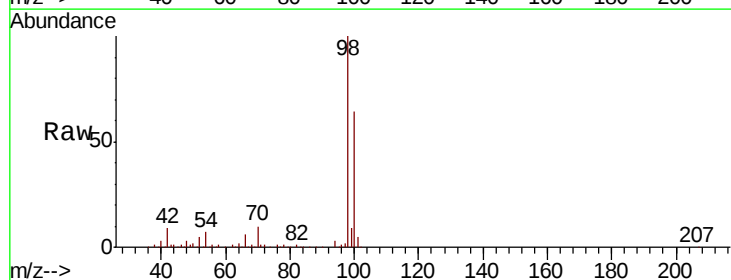
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01

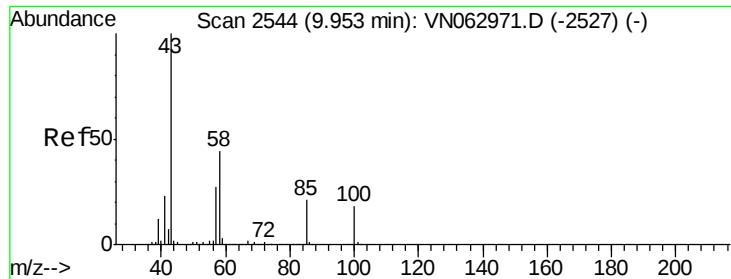
Tot Ion: 88 Resp: 16096
 Ion Ratio Lower Upper
 88 100
 43 31.4 23.1 34.7
 58 71.1 53.1 79.7



#50
 Toluene-d8
 Concen: 46.896 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

Tgt Ion: 98 Resp: 406947
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.0 76.4





#51

4-Methyl-2-Pentanone

Concen: 89.789 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

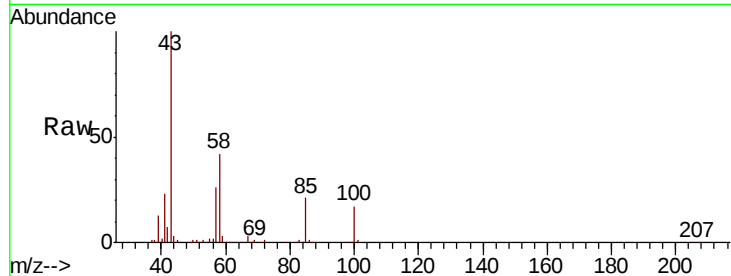
VN0817WBSD01

Tot Ion: 43 Resp: 256776

Ion Ratio Lower Upper

43 100

58 41.8 34.3 51.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

150000

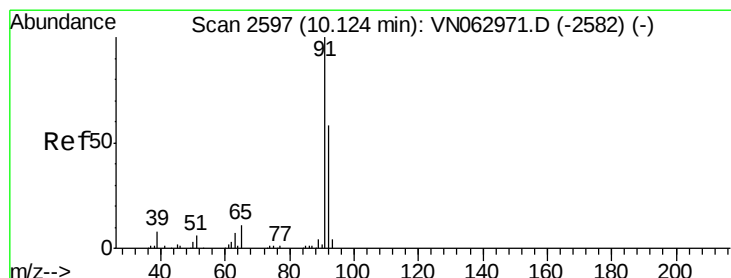
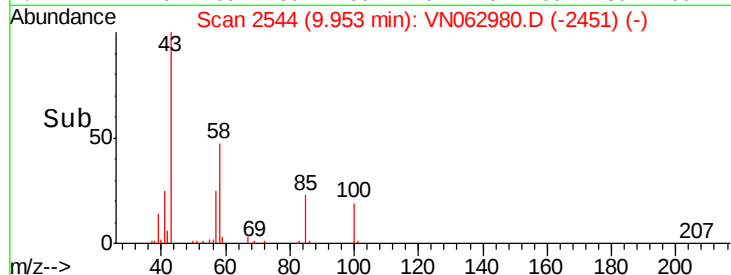
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 18.209 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062980.D

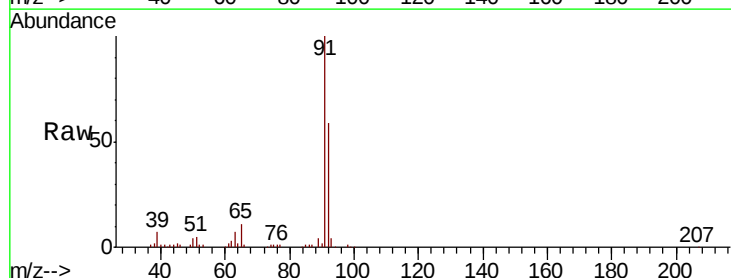
Acq: 17 Aug 2020 19:56

Tgt Ion: 92 Resp: 107154

Ion Ratio Lower Upper

92 100

91 170.3 138.6 207.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

100000

80000

60000

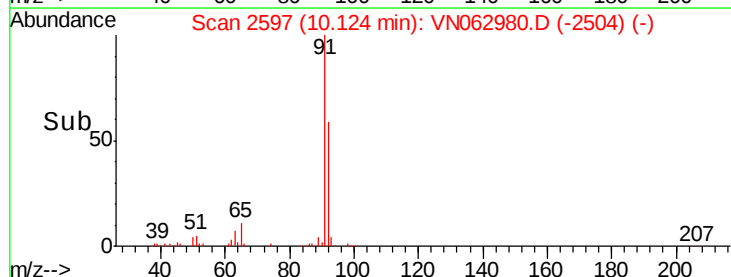
40000

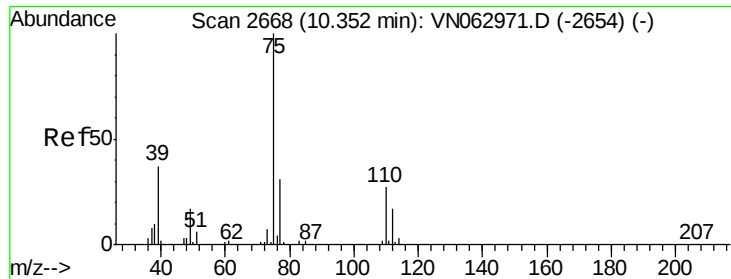
20000

0

10.10 10.12 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.540 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

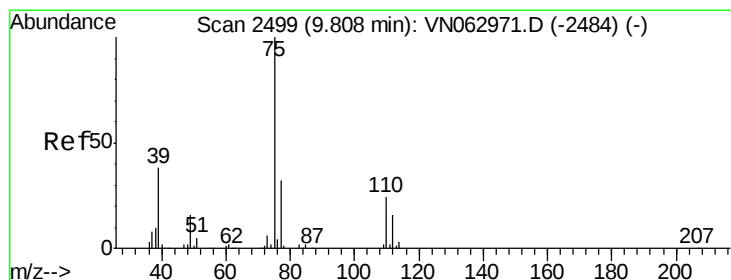
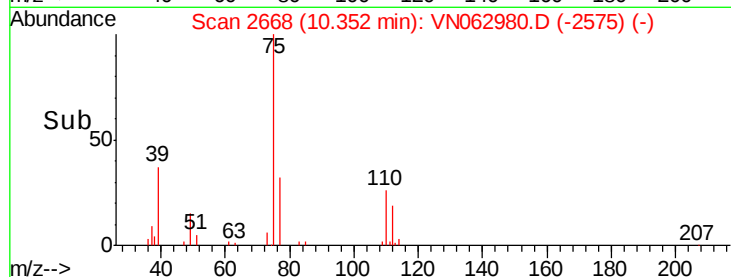
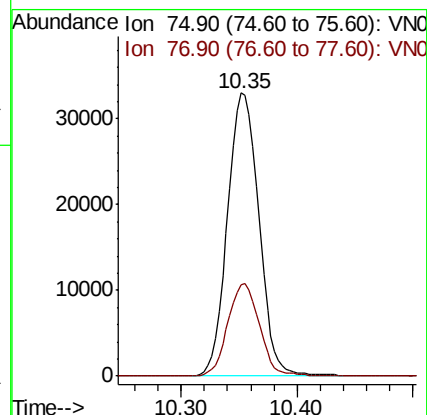
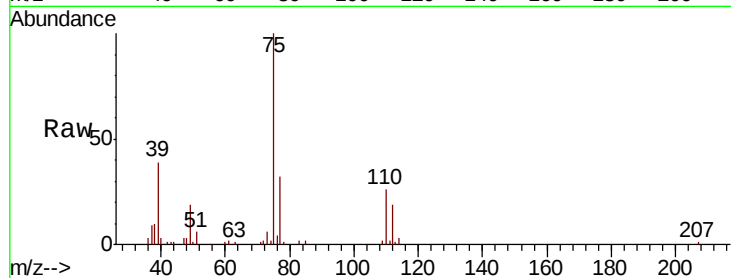
VN0817WBSD01

Tot Ion: 75 Resp: 62011

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 18.000 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

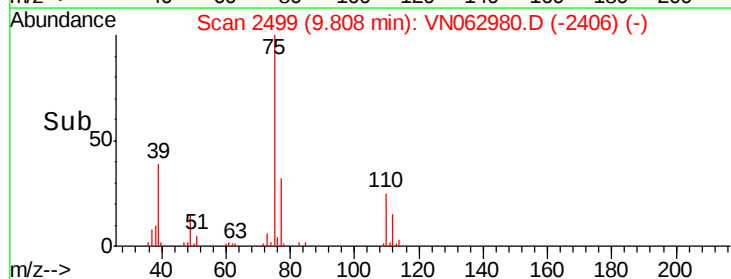
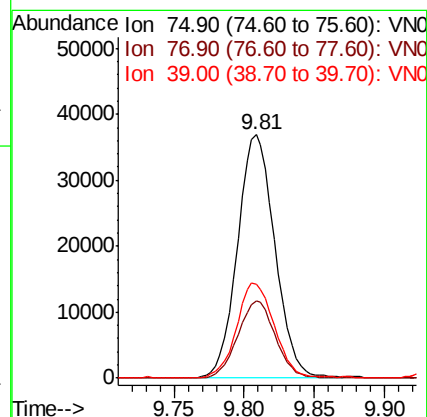
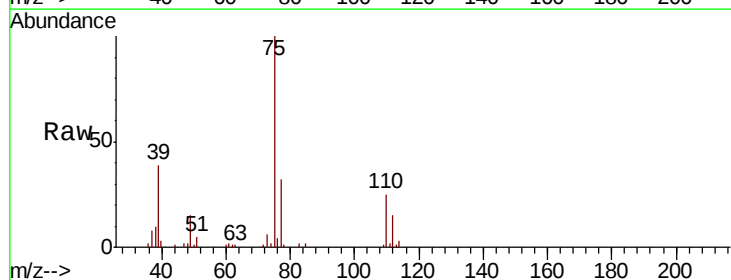
Tgt Ion: 75 Resp: 68690

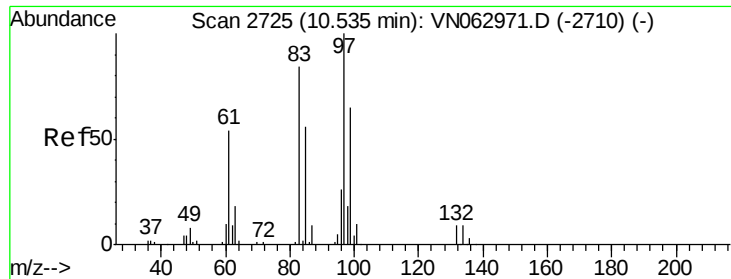
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

39 38.7 30.6 46.0





#55

1,1,2-Trichloroethane

Concen: 18.002 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

Tot Ion: 97 Resp: 44903

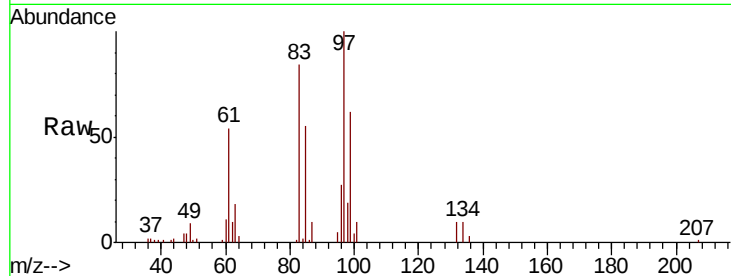
Ion Ratio Lower Upper

97 100

83 83.9 67.0 100.4

85 54.6 44.4 66.6

99 61.6 51.9 77.9

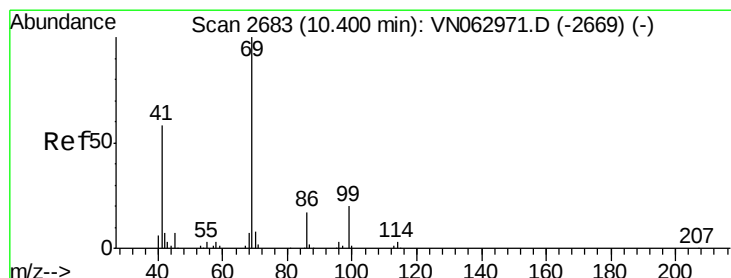
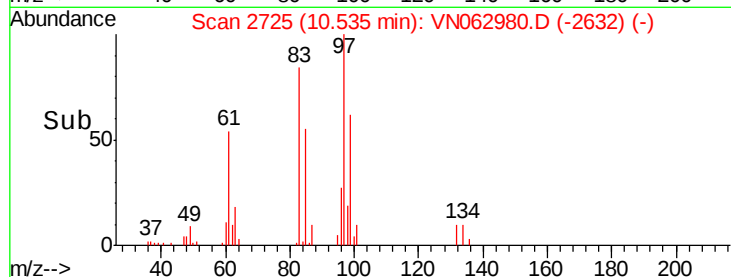
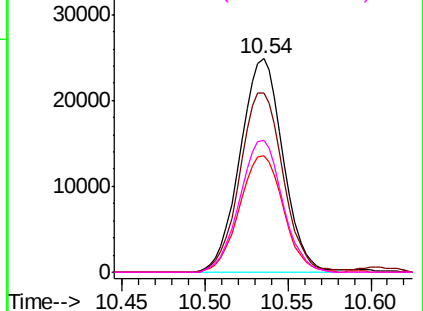


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.479 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

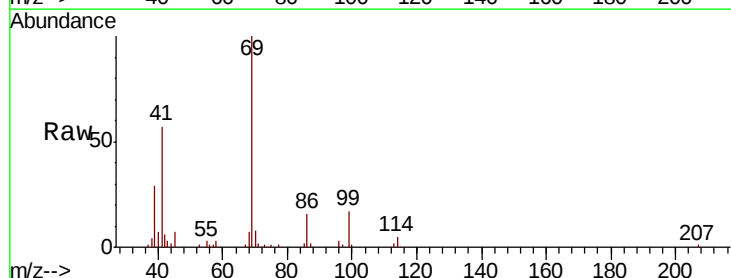
Tgt Ion: 69 Resp: 61577

Ion Ratio Lower Upper

69 100

41 57.0 46.0 69.0

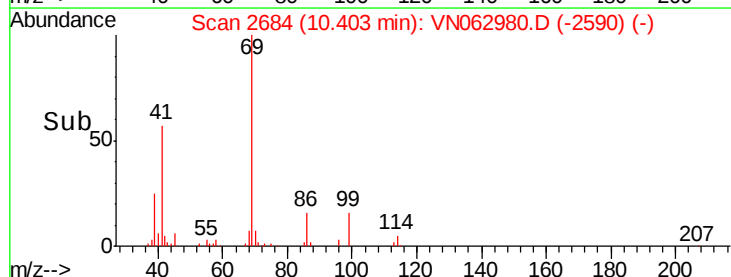
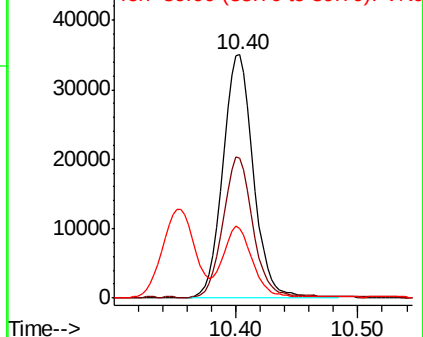
39 28.5 23.4 35.0

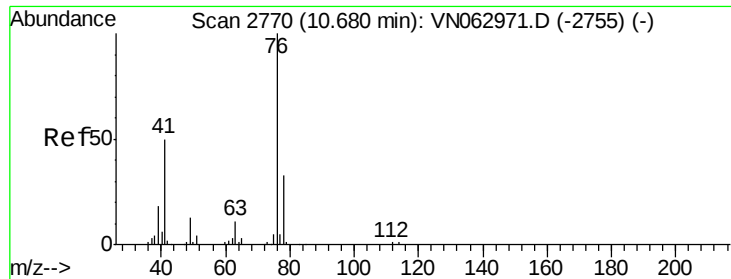


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.487 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

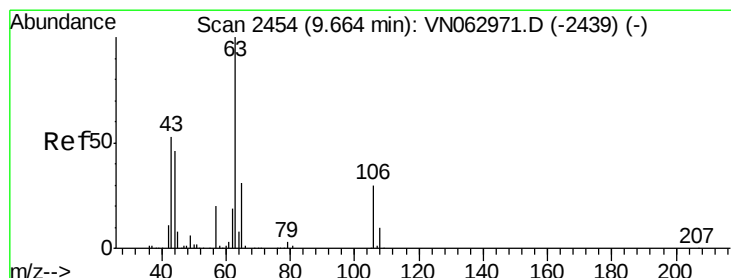
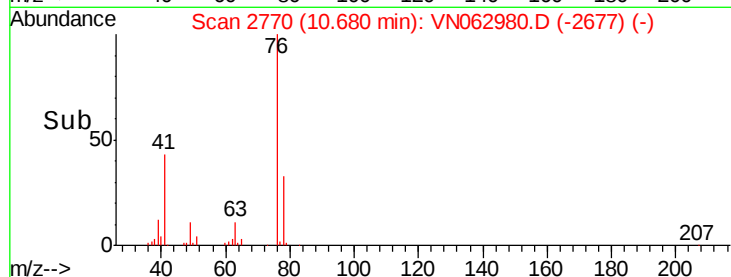
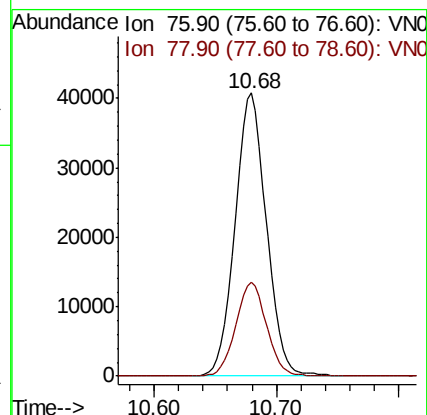
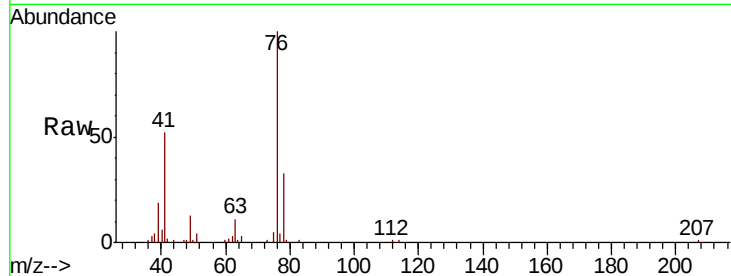
VN0817WBSD01

Tot Ion: 76 Resp: 72691

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 103.102 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062980.D

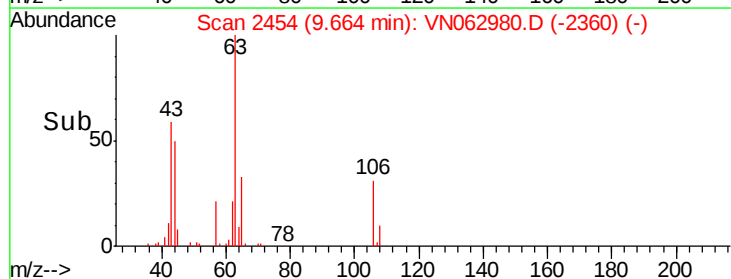
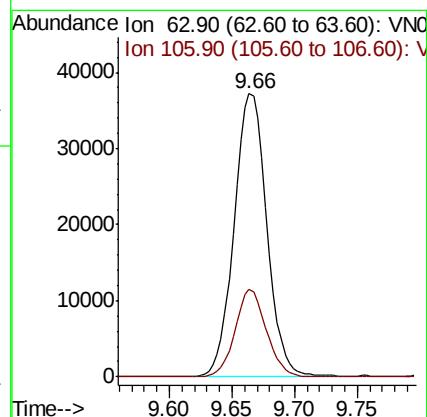
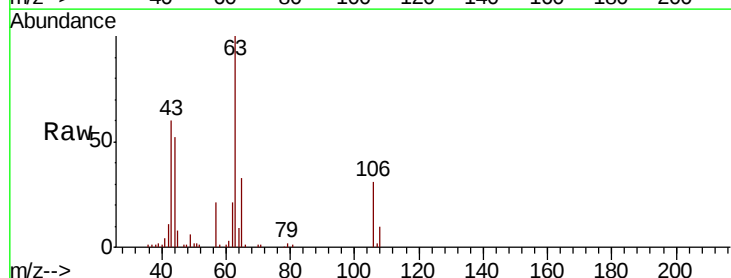
Acq: 17 Aug 2020 19:56

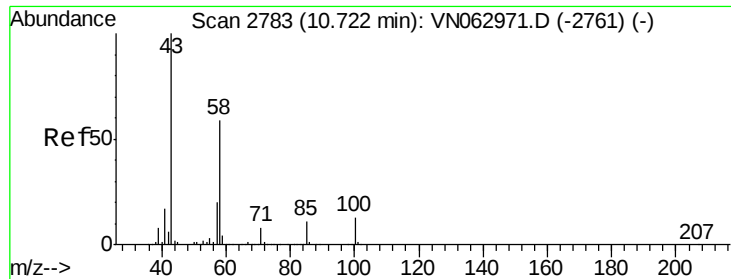
Tgt Ion: 63 Resp: 67481

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.2

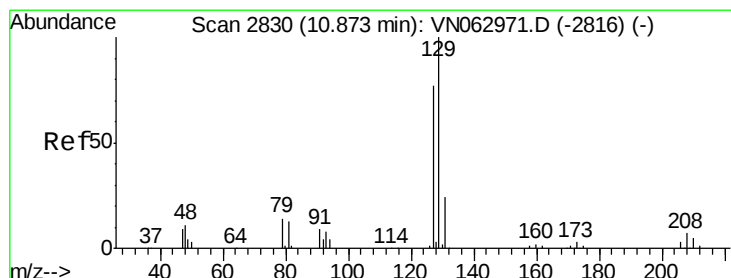
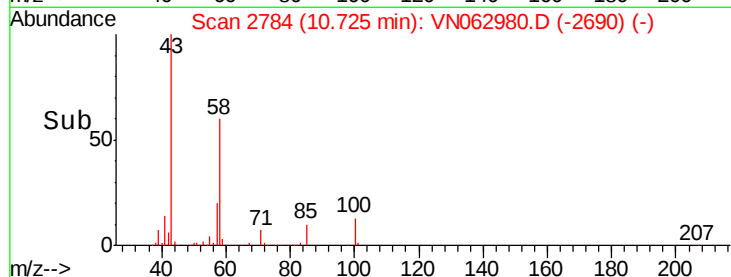
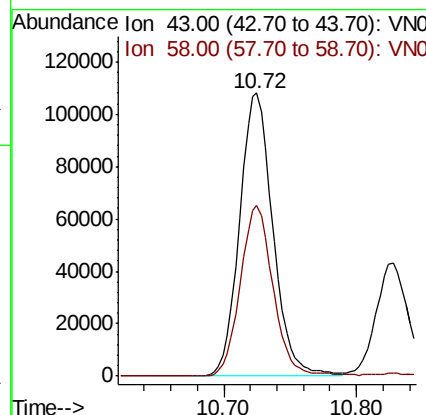
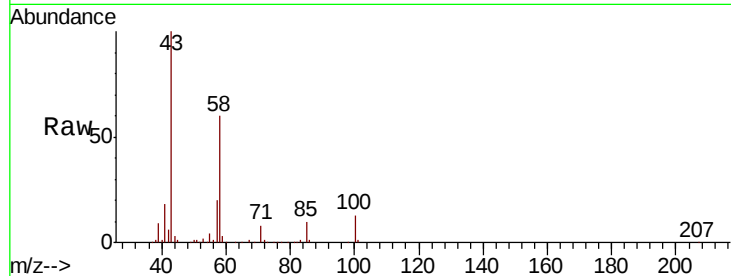




#59
2-Hexanone
Concen: 103.988 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

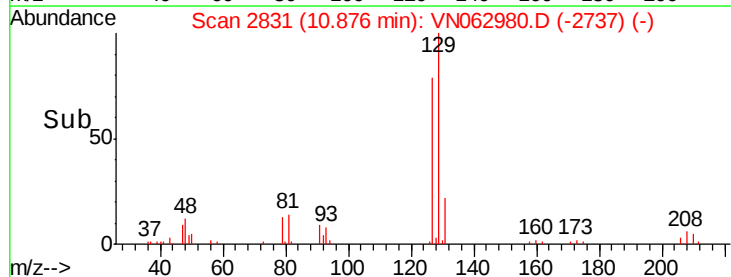
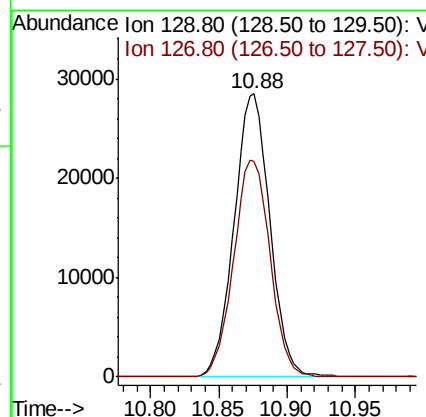
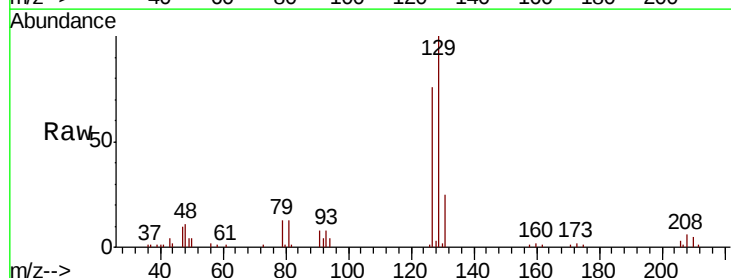
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

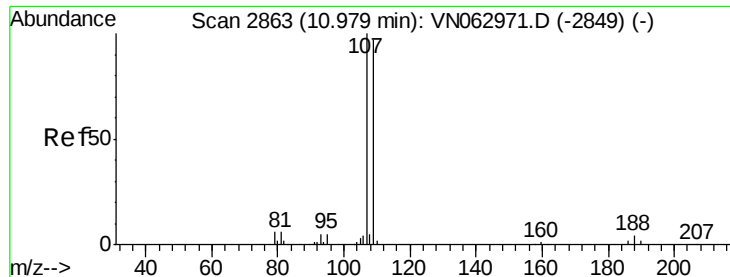
Tot Ion: 43 Resp: 189254
Ion Ratio Lower Upper
43 100
58 59.3 29.5 88.5



#60
Dibromochloromethane
Concen: 18.696 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion: 129 Resp: 51901
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.109 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

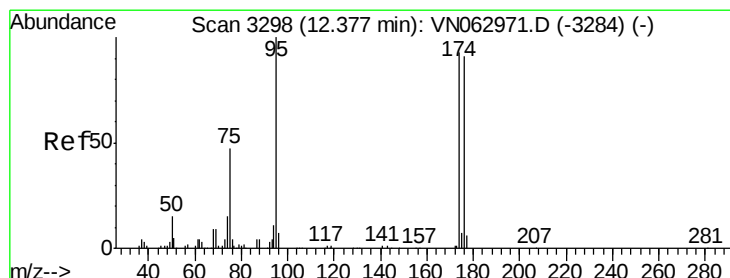
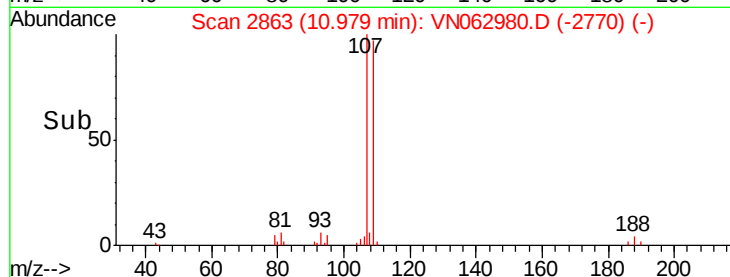
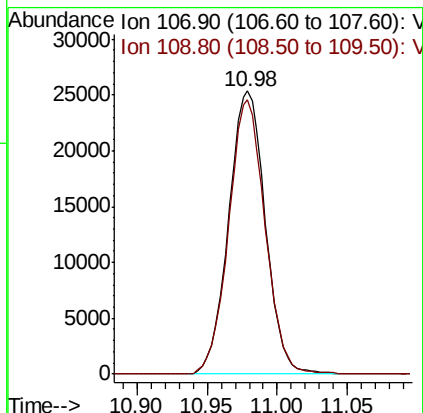
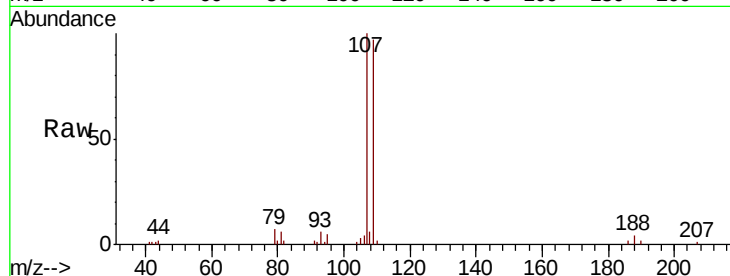
VN0817WBSD01

Tot Ion:107 Resp: 46110

Ion Ratio Lower Upper

107 100

109 96.2 76.6 115.0



#62

4-Bromofluorobenzene

Concen: 46.254 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

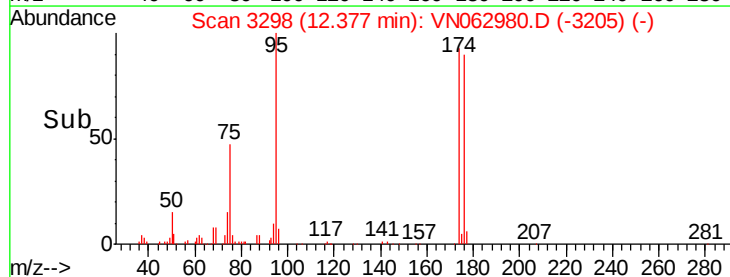
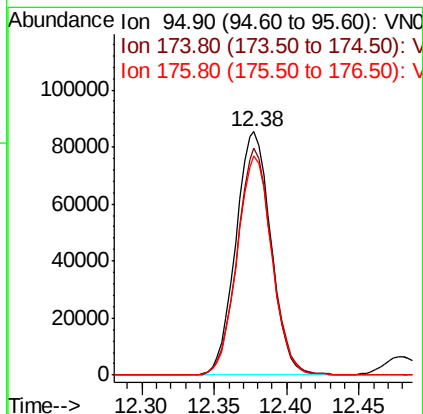
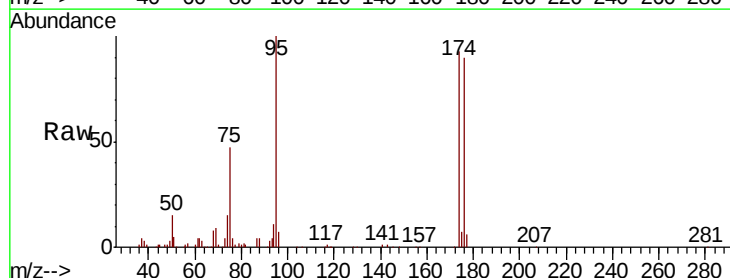
Tgt Ion: 95 Resp: 144227

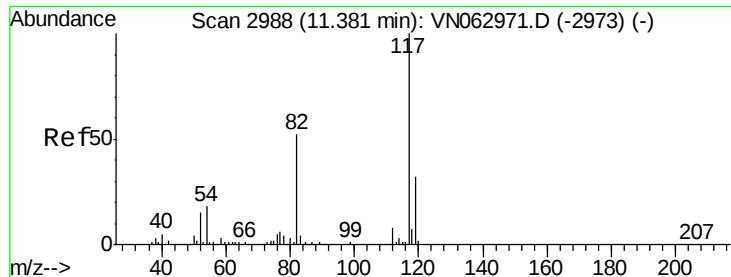
Ion Ratio Lower Upper

95 100

174 91.8 0.0 185.2

176 88.8 0.0 178.8

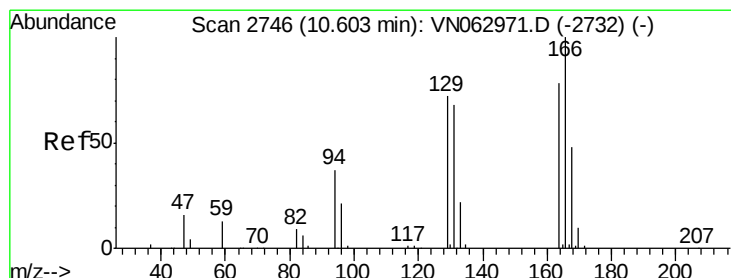
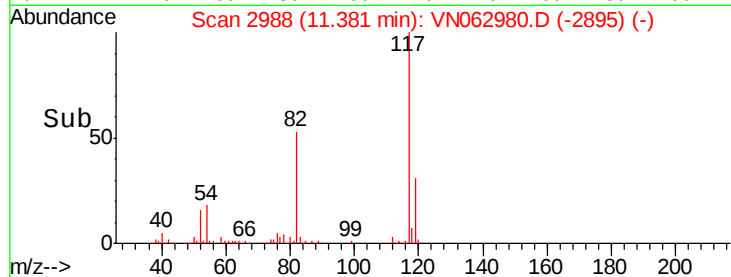
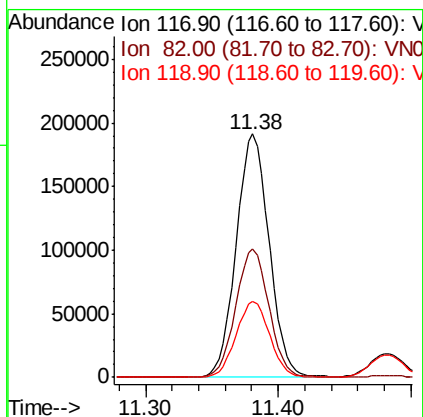
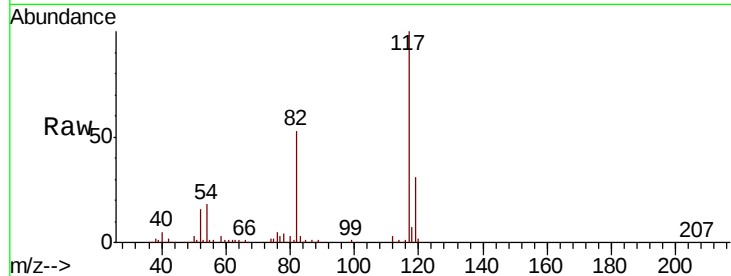




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

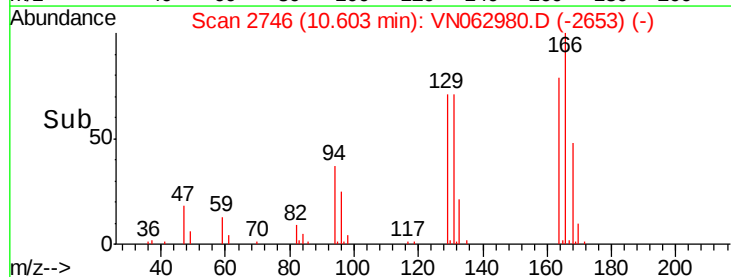
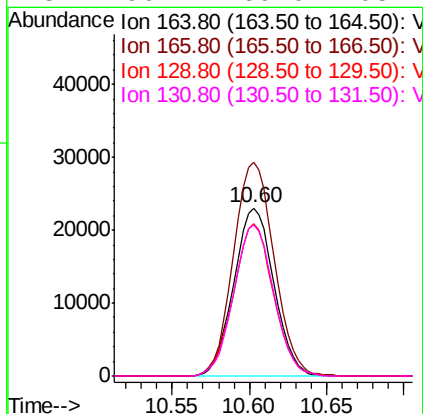
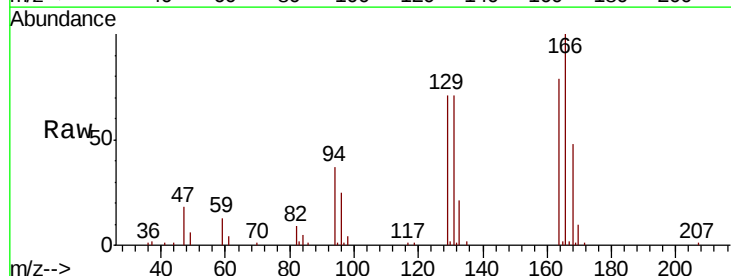
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

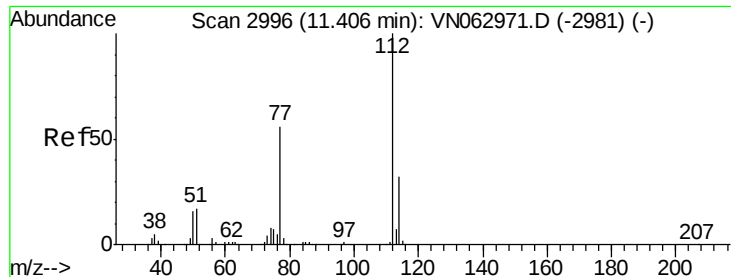
Tot Ion:117 Resp: 330775
Ion Ratio Lower Upper
117 100
82 52.6 41.3 61.9
119 31.3 25.8 38.8



#64
Tetrachloroethene
Concen: 18.290 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion:164 Resp: 41495
Ion Ratio Lower Upper
164 100
166 127.2 101.9 152.9
129 90.9 73.1 109.7
131 90.1 69.0 103.4

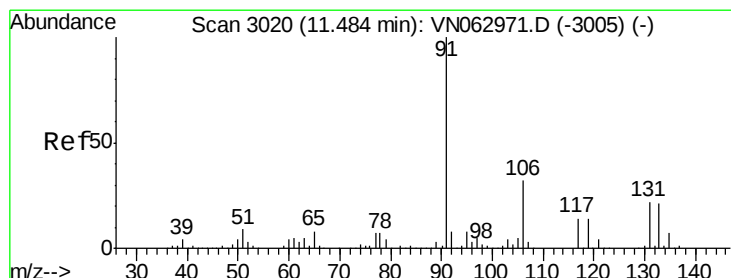
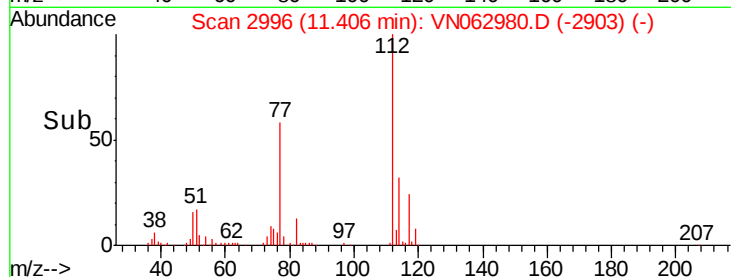
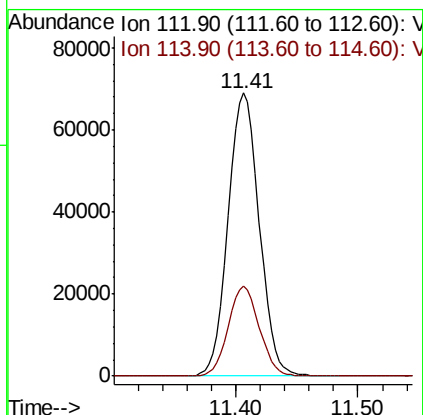
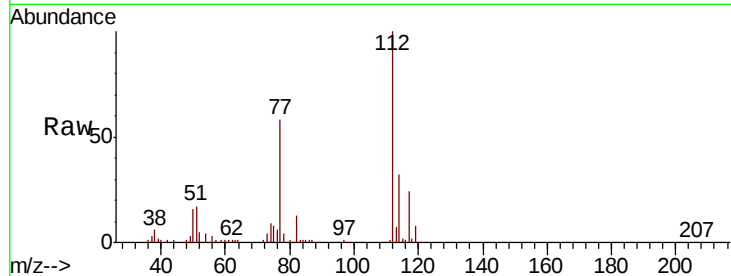




#65
Chlorobenzene
Concen: 18.166 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

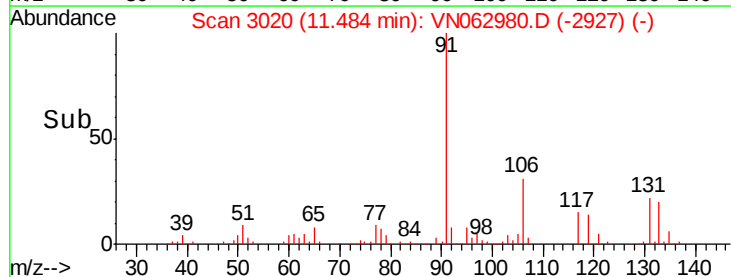
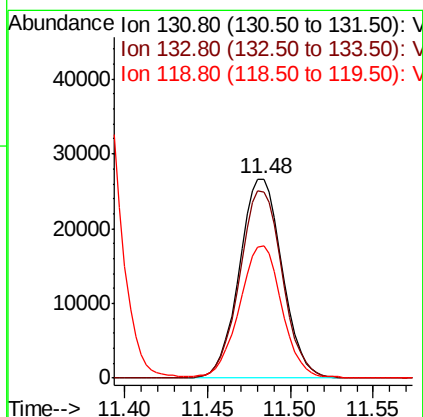
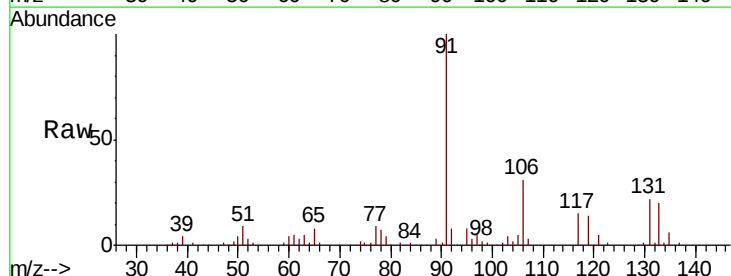
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBSD01

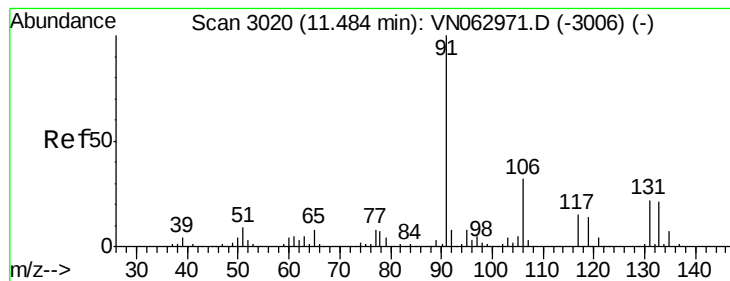
Tot Ion:112 Resp: 122993
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.236 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion:131 Resp: 47953
Ion Ratio Lower Upper
131 100
133 93.8 47.8 143.4
119 66.0 32.4 97.0





#67

Ethyl Benzene

Concen: 17.885 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

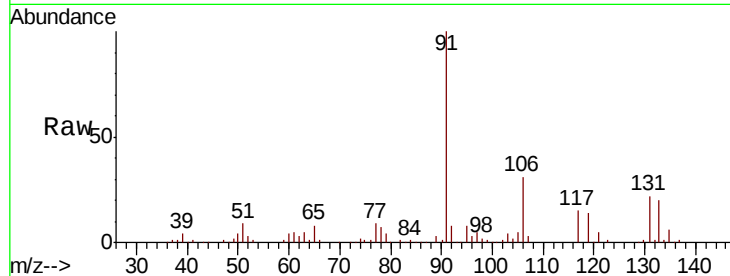
VN0817WBSD01

Tot Ion: 91 Resp: 203992

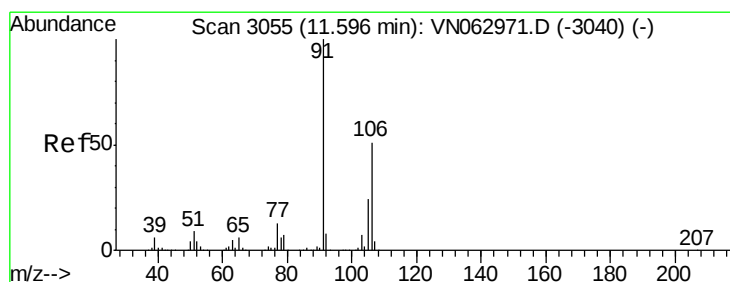
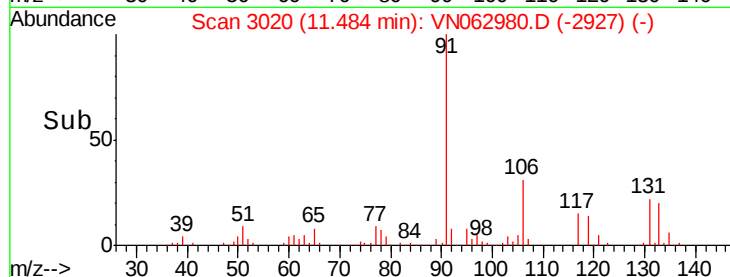
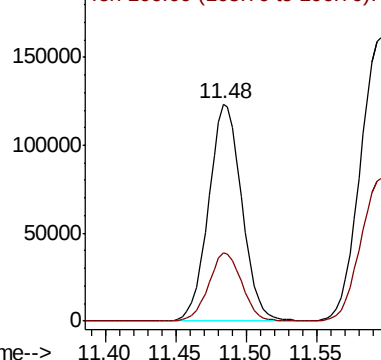
Ion Ratio Lower Upper

91 100

106 31.4 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN062971.D (-3006) (-)



#68

m/p-Xylenes

Concen: 36.634 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. -0.00 min

Lab File: VN062980.D

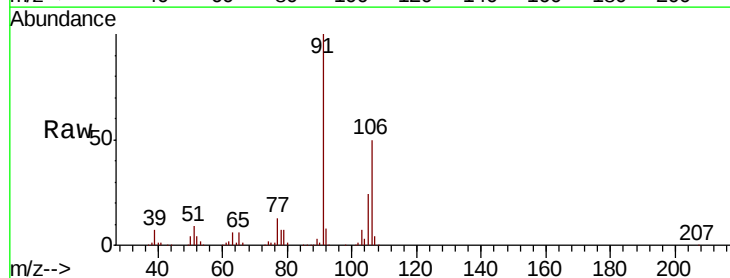
Acq: 17 Aug 2020 19:56

Tgt Ion:106 Resp: 157785

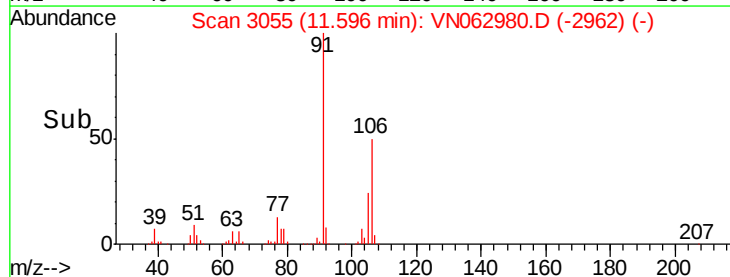
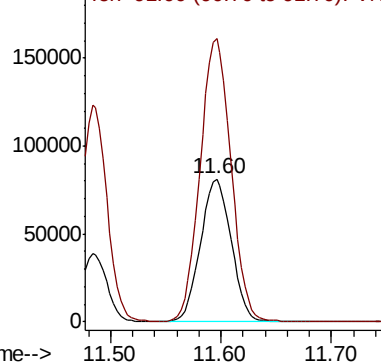
Ion Ratio Lower Upper

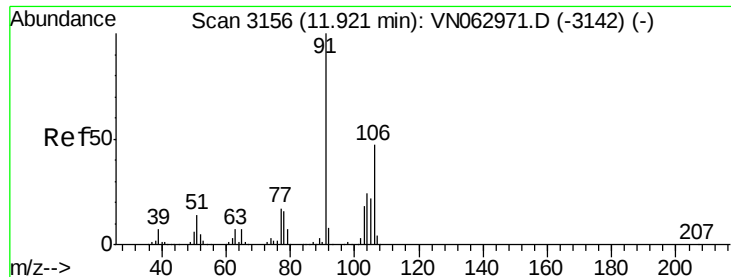
106 100

91 197.0 158.7 238.1



Abundance Ion 106.00 (105.70 to 106.70): VN062971.D (-3040) (-)

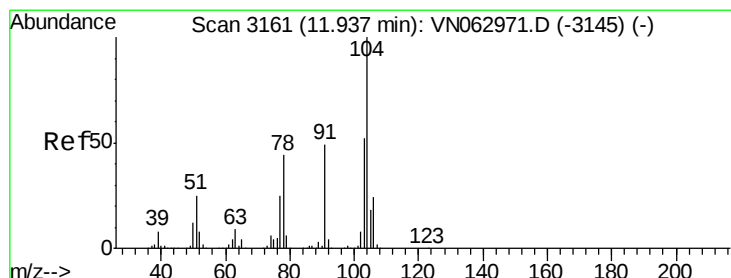
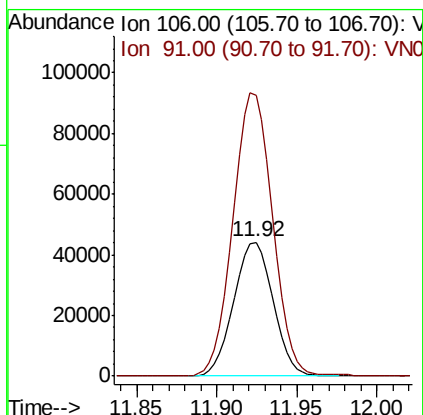
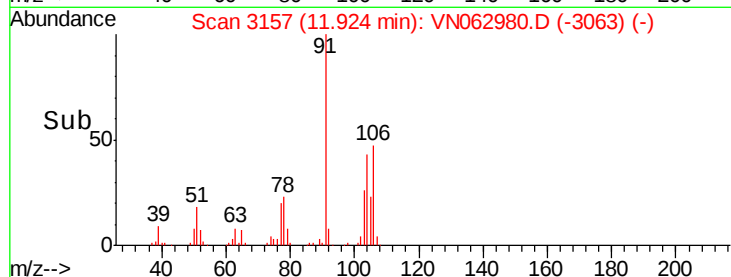
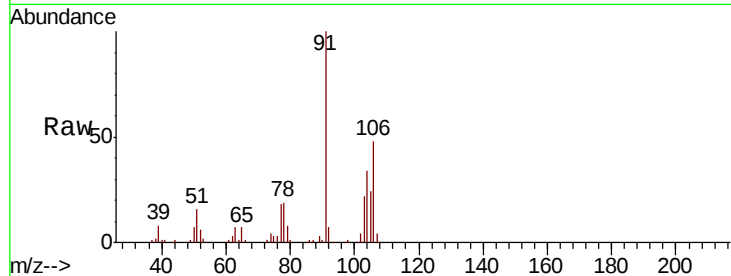




#69
o-Xylene
Concen: 18.115 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

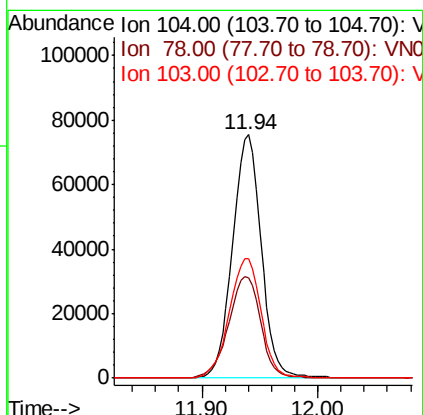
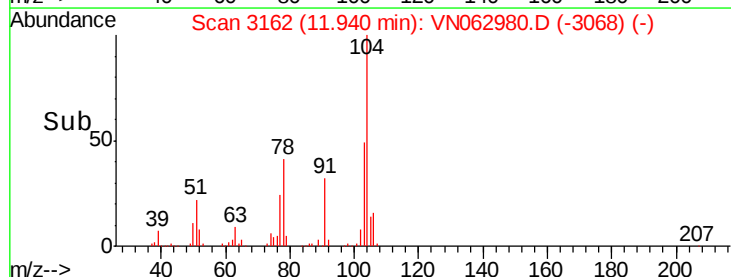
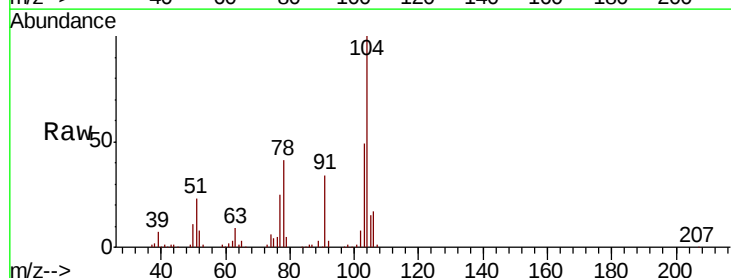
Instrument :
MSVOA_N
ClientSampled :
VN0817WBSD01

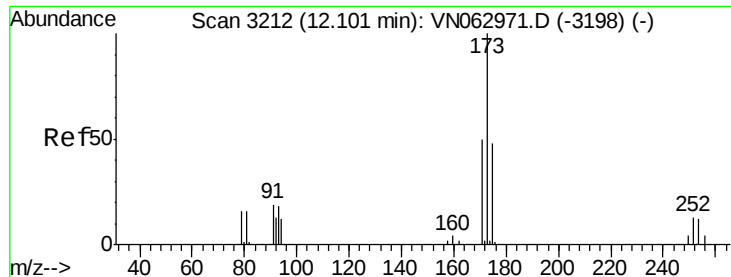
Tot Ion:106 Resp: 74113
Ion Ratio Lower Upper
106 100
91 213.3 106.3 318.8



#70
Styrene
Concen: 18.249 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion:104 Resp: 129501
Ion Ratio Lower Upper
104 100
78 46.8 38.2 57.4
103 54.3 44.9 67.3





#71

Bromoform

Concen: 18.326 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

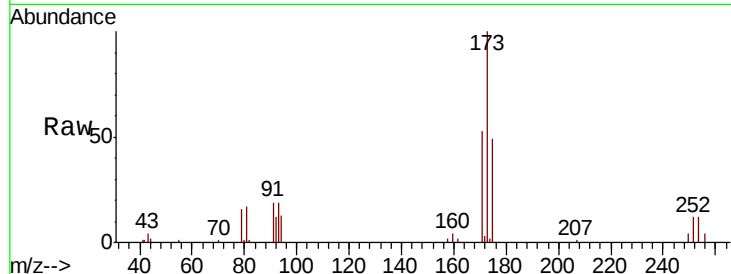
Tot Ion:173 Resp: 40280

Ion Ratio Lower Upper

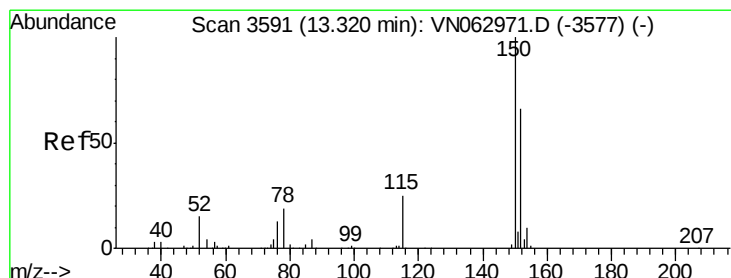
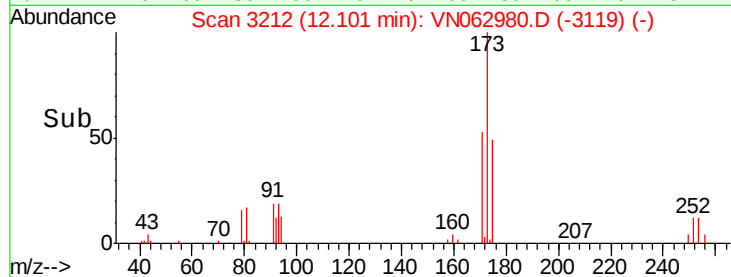
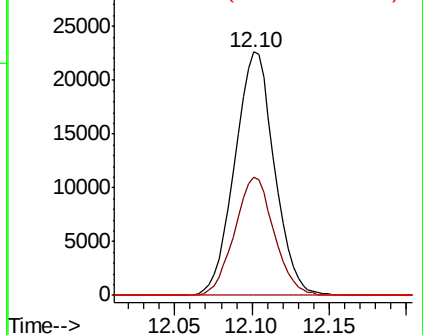
173 100

175 48.1 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: VN062980.D

Acq: 17 Aug 2020 19:56

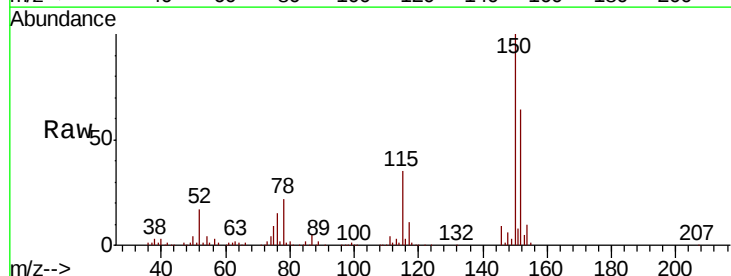
Tgt Ion:152 Resp: 160035

Ion Ratio Lower Upper

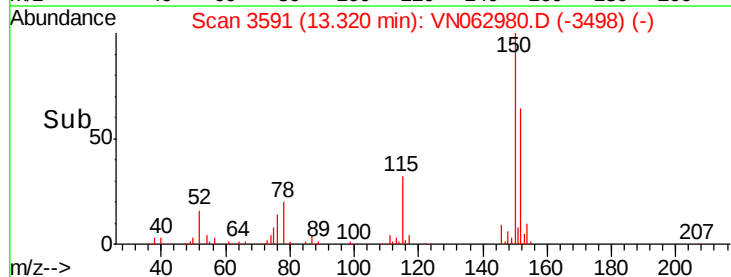
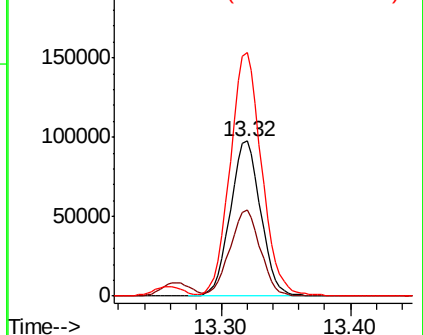
152 100

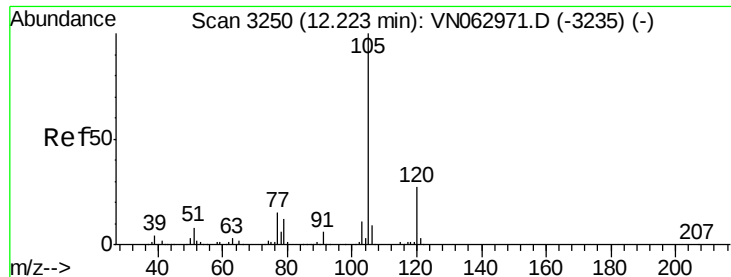
115 55.8 27.1 81.3

150 162.6 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: 18.503 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampled :

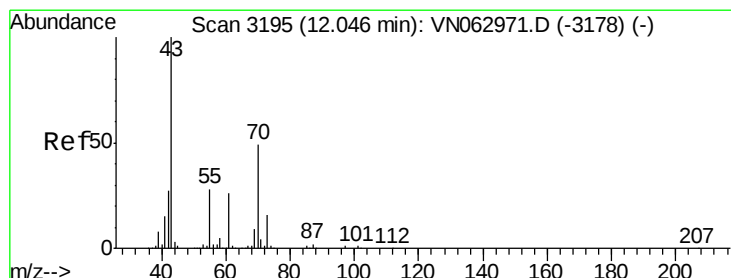
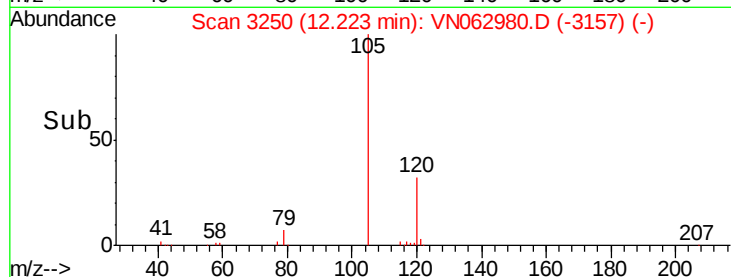
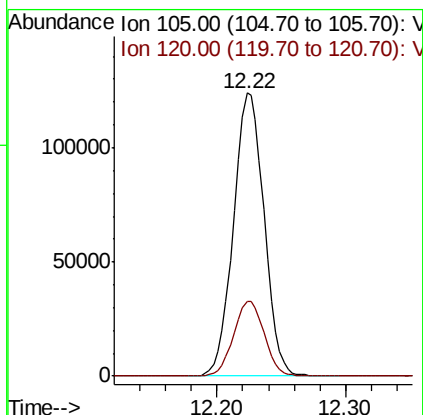
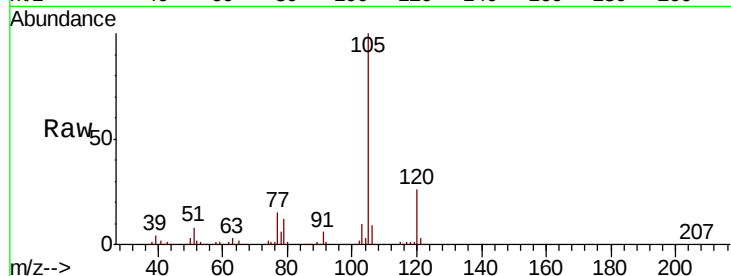
VN0817WBSD01

Tot Ion:105 Resp: 204284

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.4



#74

N-ethyl acetate

Concen: 17.378 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Tgt Ion: 43 Resp: 65866

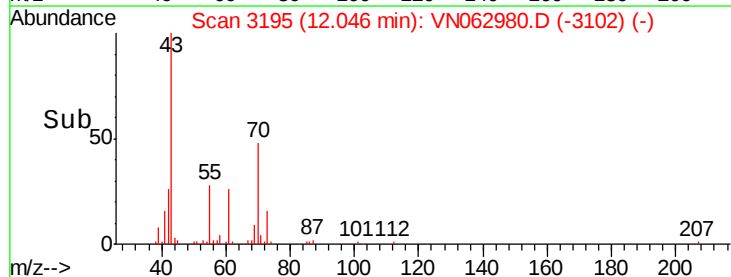
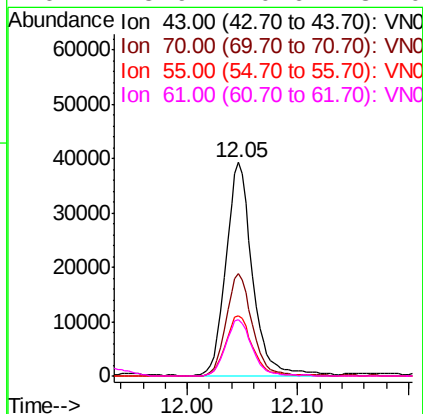
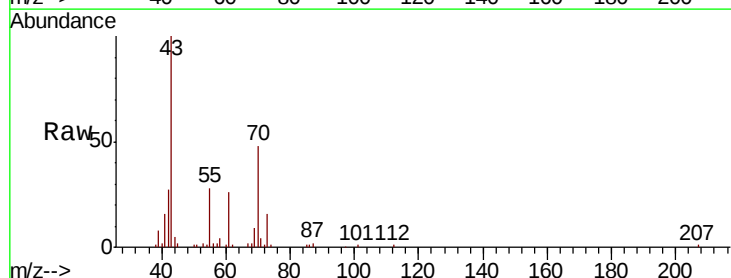
Ion Ratio Lower Upper

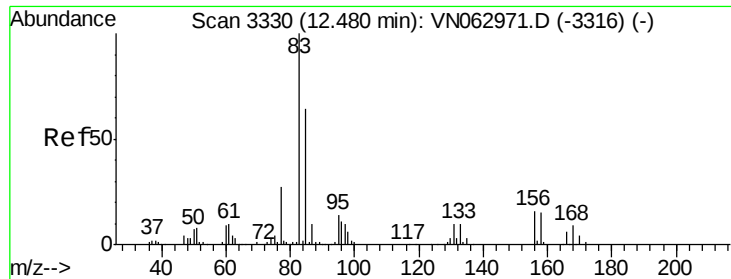
43 100

70 46.8 38.4 57.6

55 28.3 21.9 32.9

61 25.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.920 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

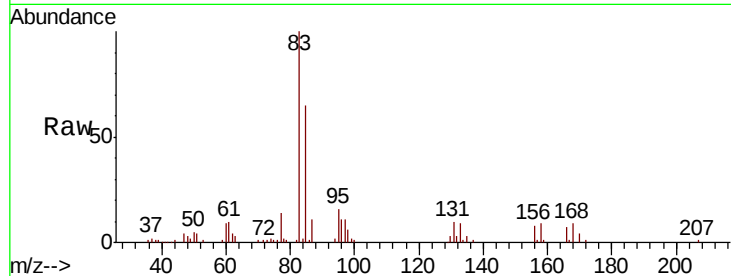
Tot Ion: 83 Resp: 69613

Ion Ratio Lower Upper

83 100

131 10.2 5.3 16.1

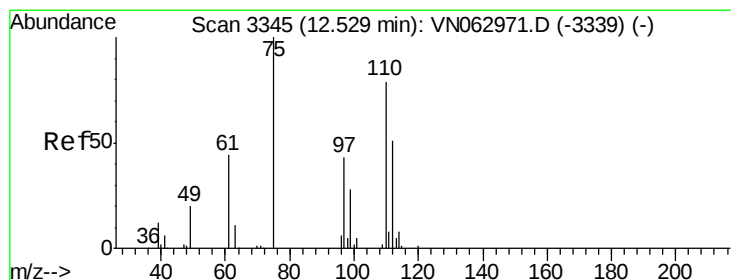
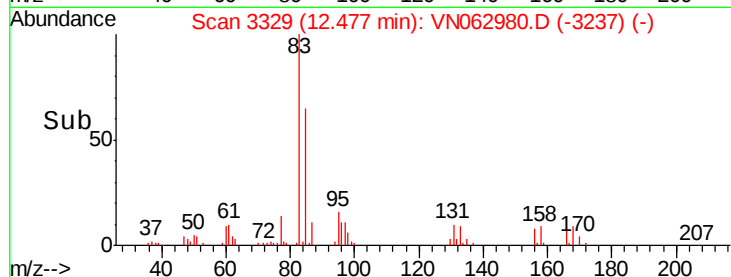
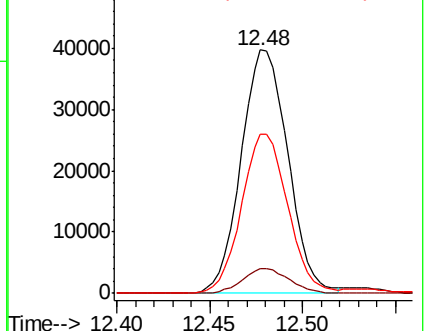
85 64.5 31.9 95.7



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: 28.052 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062980.D

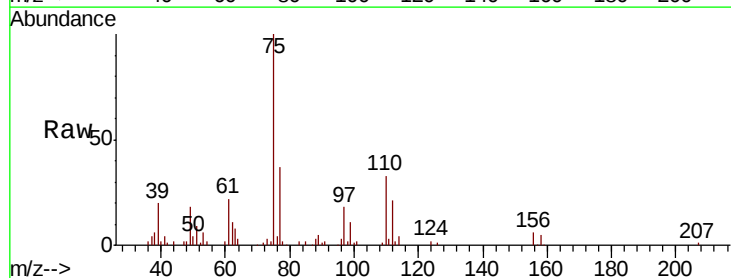
Acq: 17 Aug 2020 19:56

Tgt Ion: 75 Resp: 88662

Ion Ratio Lower Upper

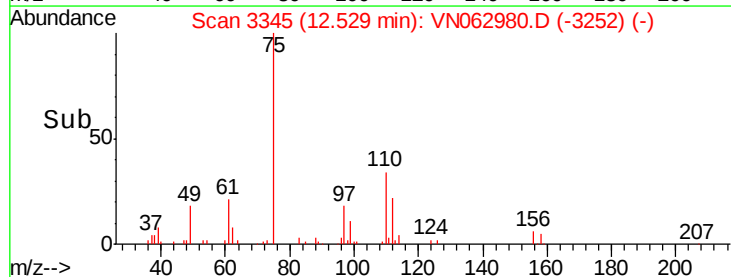
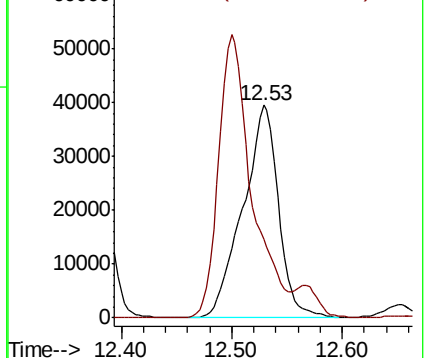
75 100

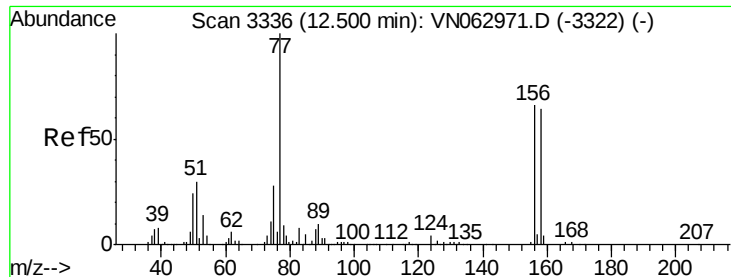
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.346 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

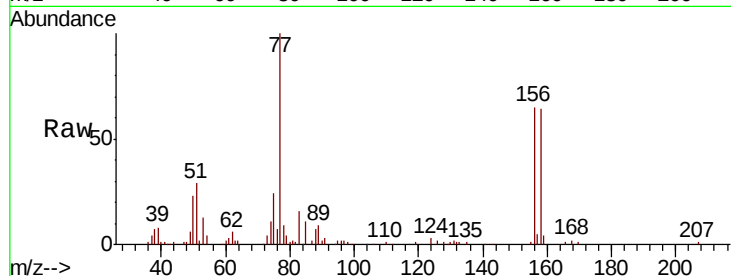
Tot Ion:156 Resp: 58397

Ion Ratio Lower Upper

156 100

77 187.5 92.4 277.2

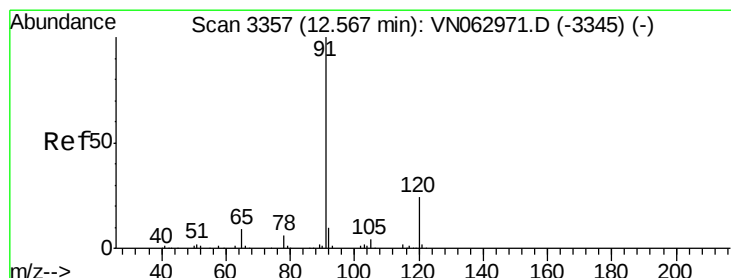
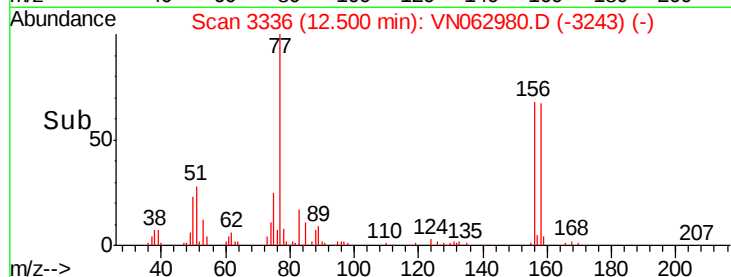
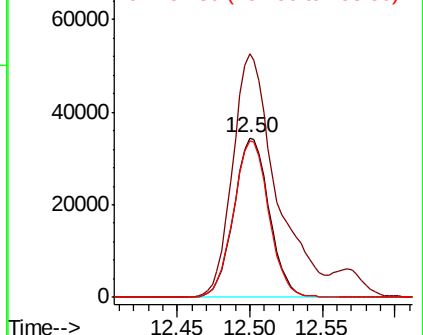
158 97.9 48.6 145.8



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: 19.279 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062980.D

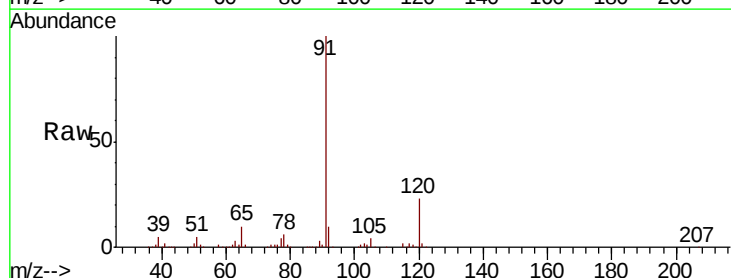
Acq: 17 Aug 2020 19:56

Tgt Ion: 91 Resp: 248352

Ion Ratio Lower Upper

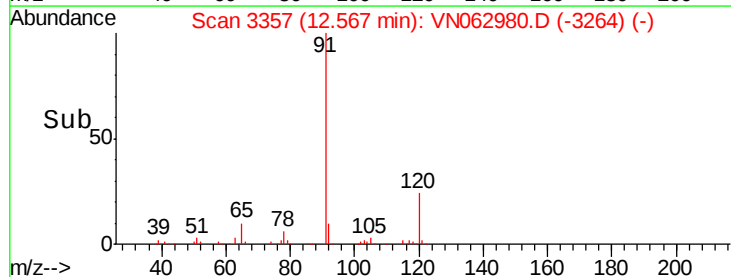
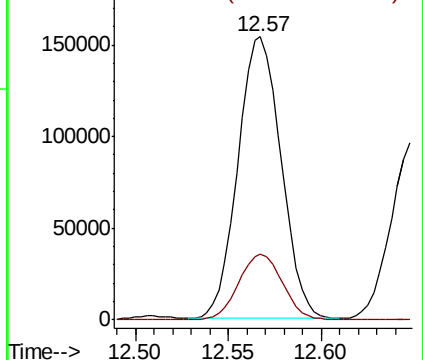
91 100

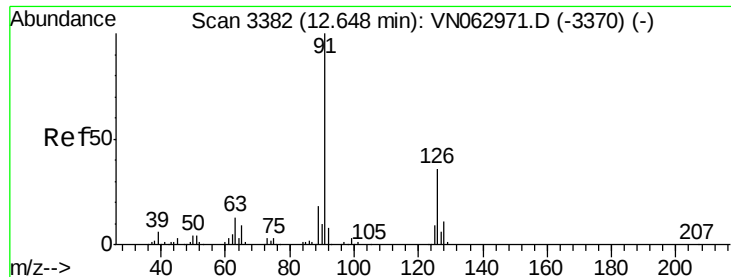
120 23.7 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.132 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

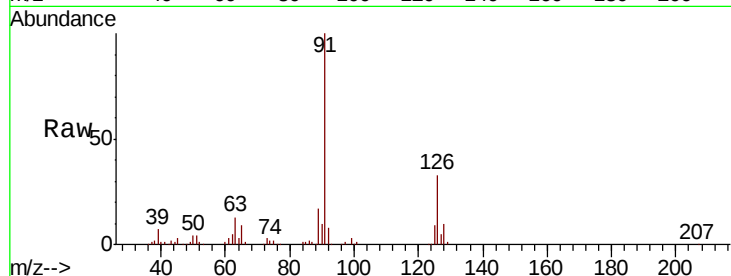
VN0817WBSD01

Tot Ion: 91 Resp: 163606

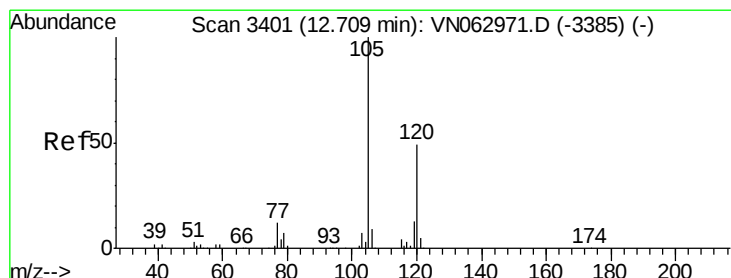
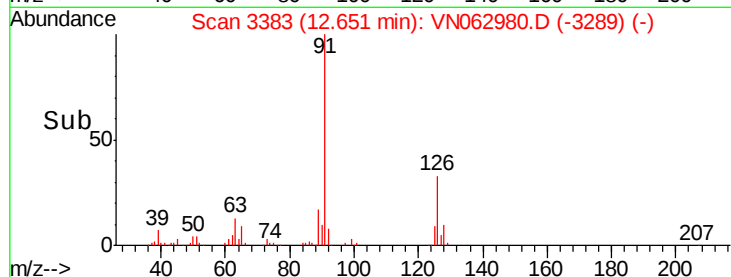
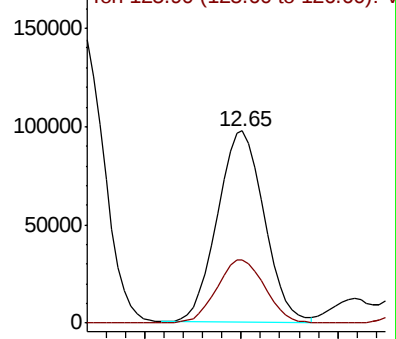
Ion Ratio Lower Upper

91 100

126 34.2 18.1 54.3



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



#80

1,3,5-Trimethylbenzene

Concen: 19.815 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062980.D

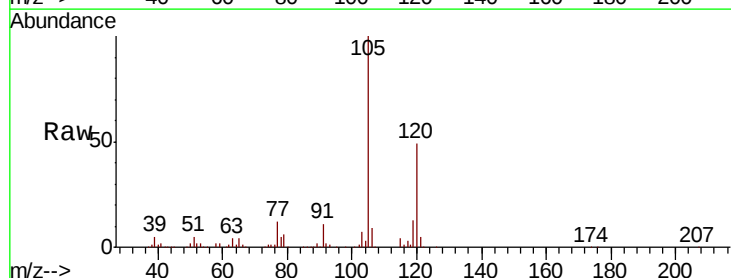
Acq: 17 Aug 2020 19:56

Tgt Ion: 105 Resp: 184070

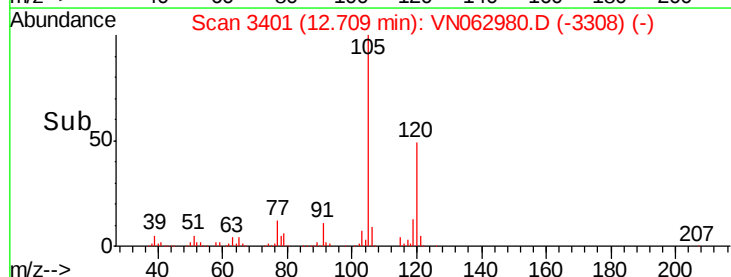
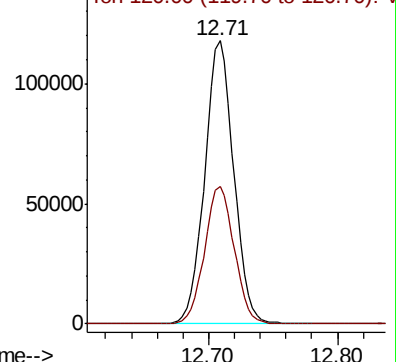
Ion Ratio Lower Upper

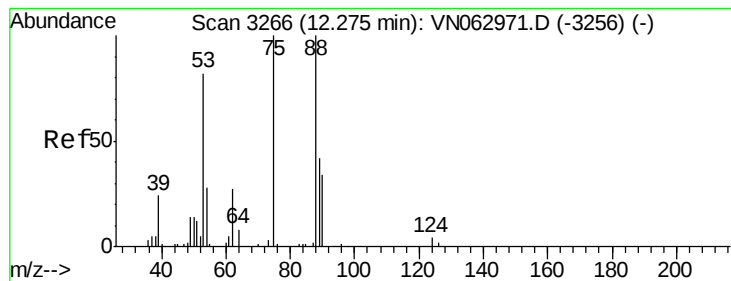
105 100

120 49.6 24.9 74.7



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





#81

trans-1,4-Dichloro-2-butene

Concen: 17.610 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

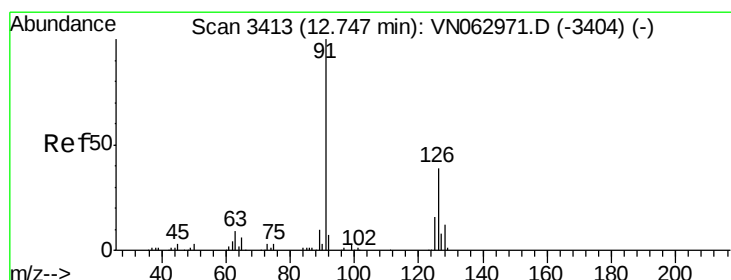
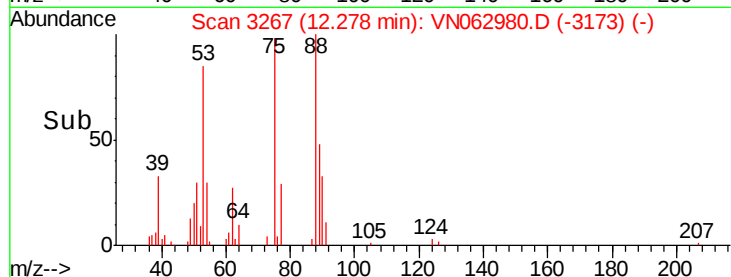
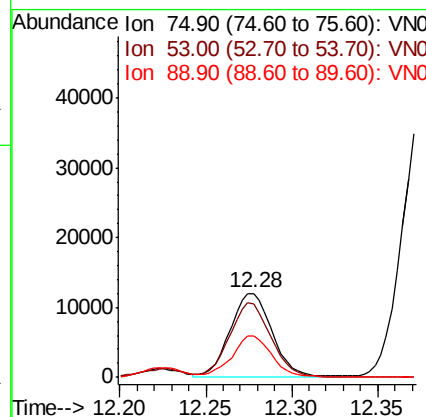
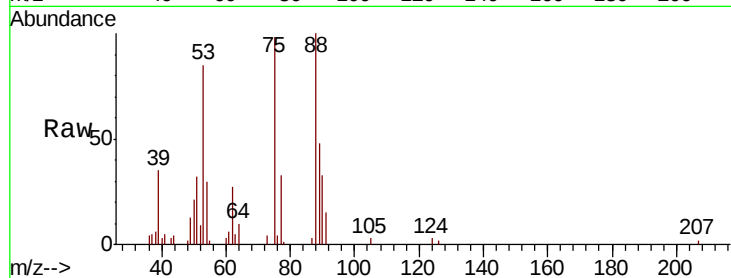
Tot Ion: 75 Resp: 20785

Ion Ratio Lower Upper

75 100

53 86.5 66.2 99.2

89 46.2 35.0 52.4



#82

4-Chlorotoluene

Concen: 17.908 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062980.D

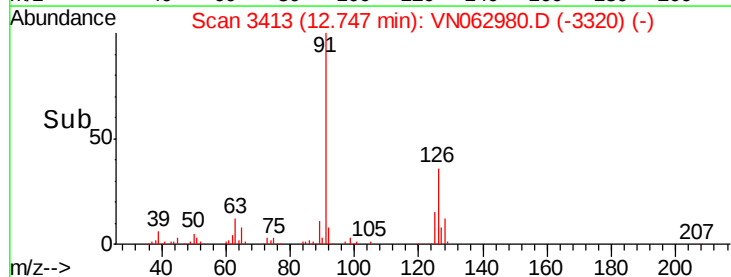
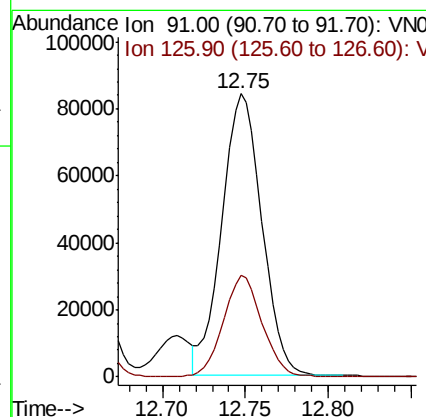
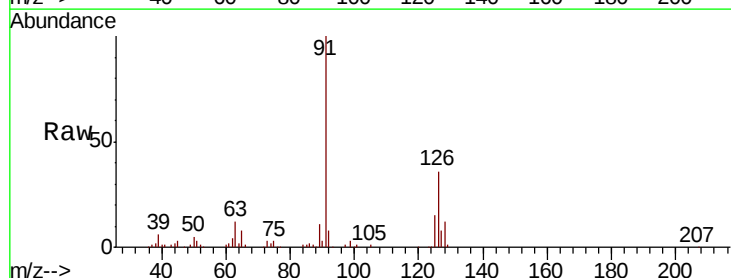
Acq: 17 Aug 2020 19:56

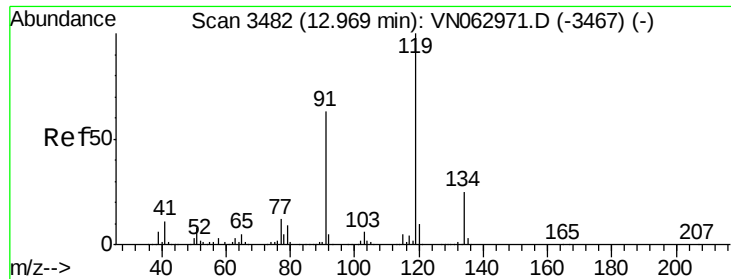
Tgt Ion: 91 Resp: 141285

Ion Ratio Lower Upper

91 100

126 35.1 17.6 52.8

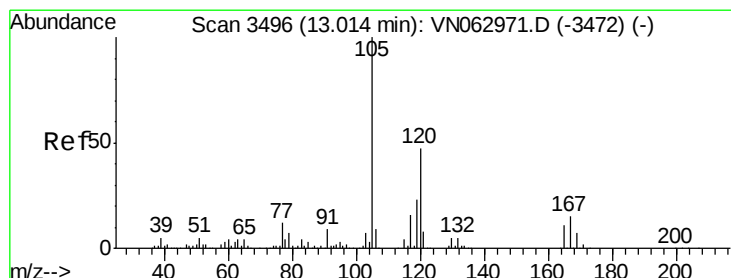
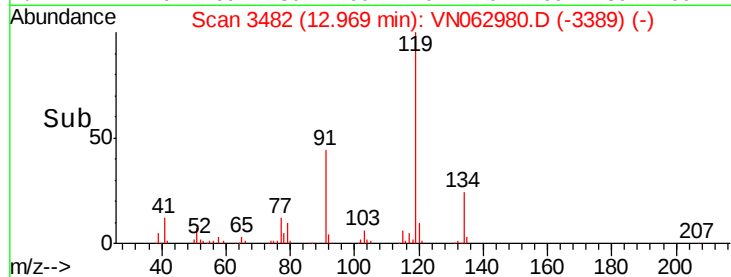
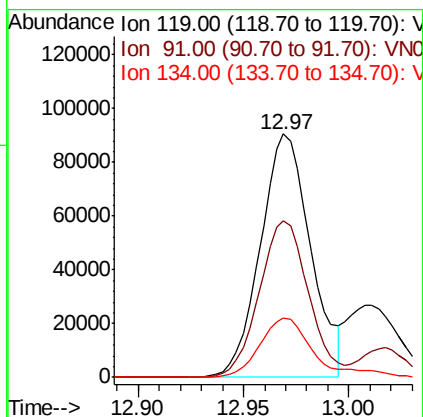
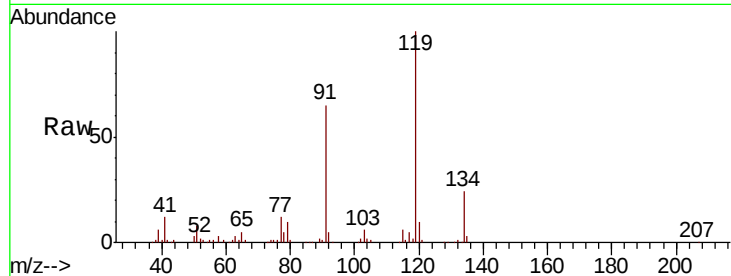




#83
 tert-Butylbenzene
 Concen: 18.784 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

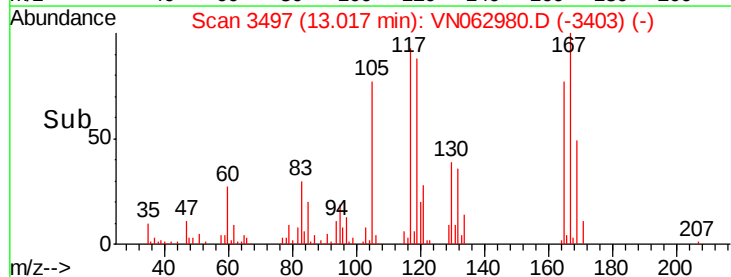
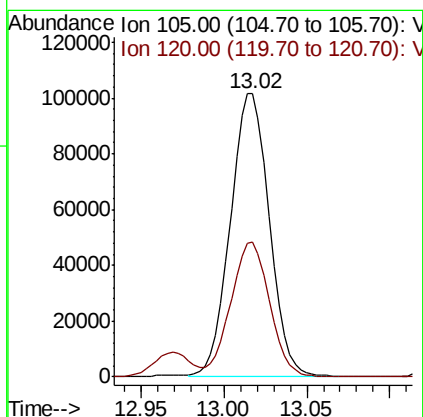
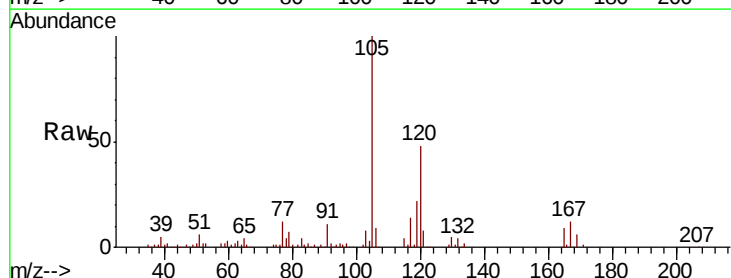
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01

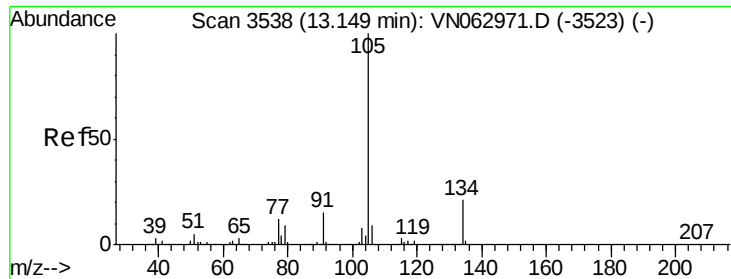
Tot Ion:119 Resp: 150471
 Ion Ratio Lower Upper
 119 100
 91 63.0 31.0 93.0
 134 26.1 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 18.300 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

Tgt Ion:105 Resp: 164490
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.2 69.6

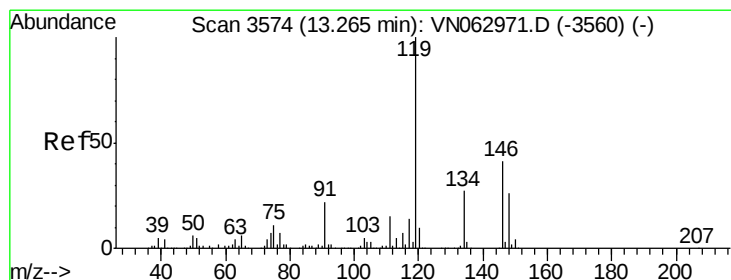
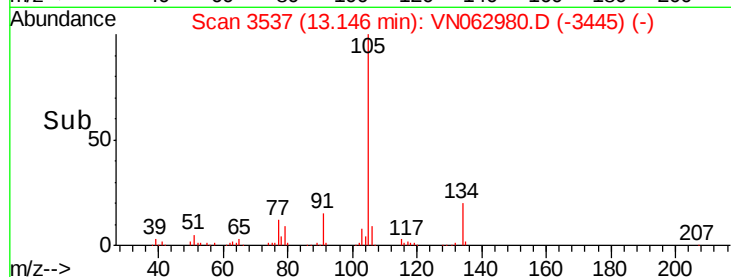
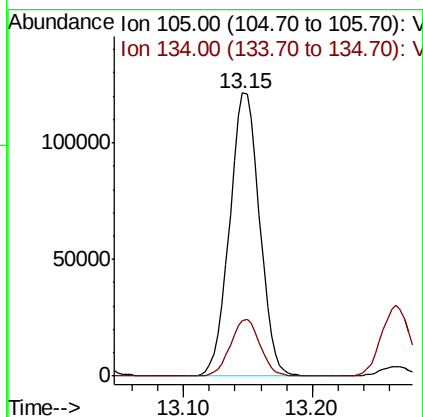
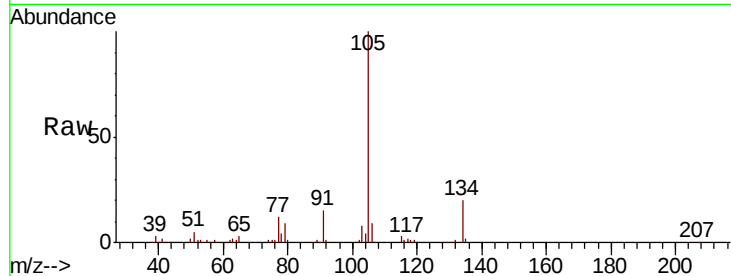




#85
 sec-Butylbenzene
 Concen: 18.539 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

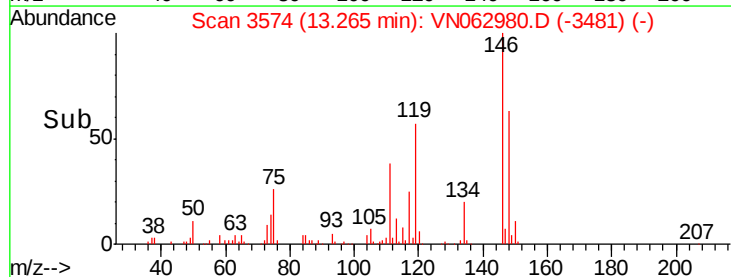
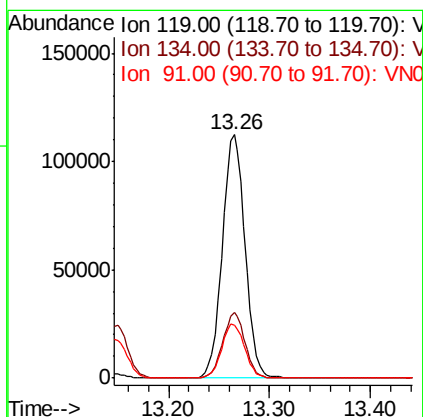
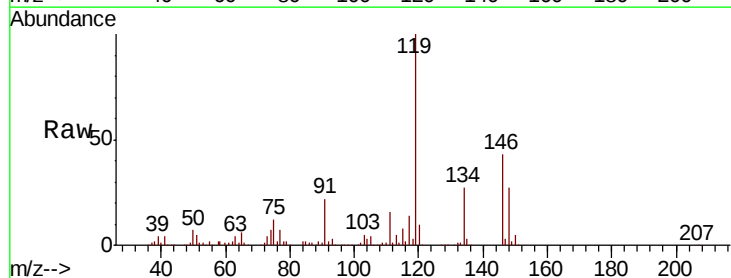
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01

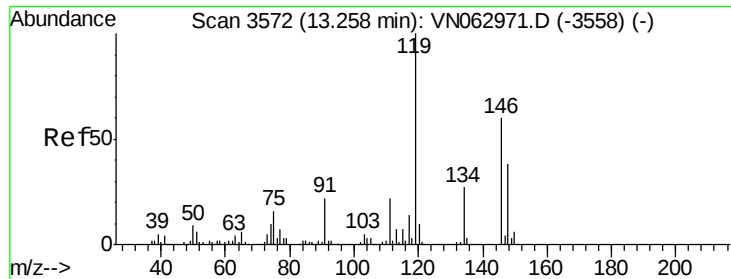
Tot Ion:105 Resp: 195449
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 18.893 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

Tgt Ion:119 Resp: 177242
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 22.5 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 18.694 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

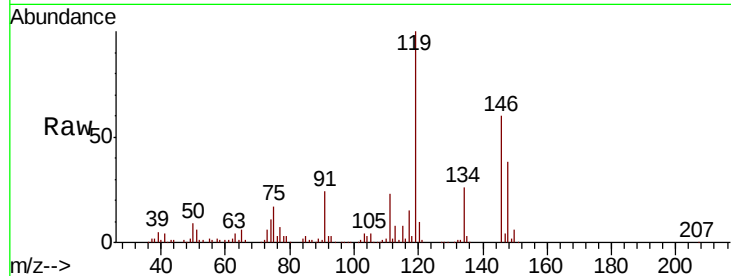
Tot Ion:146 Resp: 98000

Ion Ratio Lower Upper

146 100

111 38.3 18.9 56.5

148 63.1 31.7 95.1

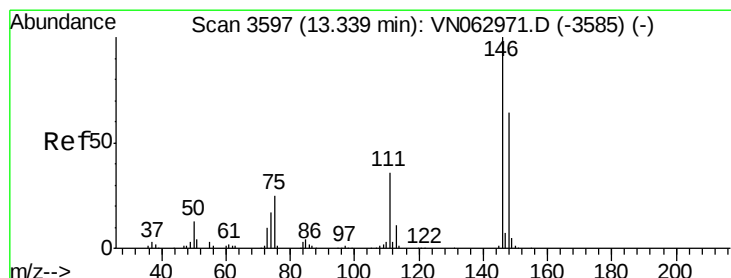
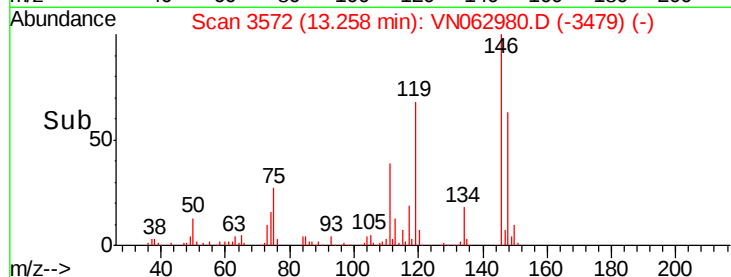
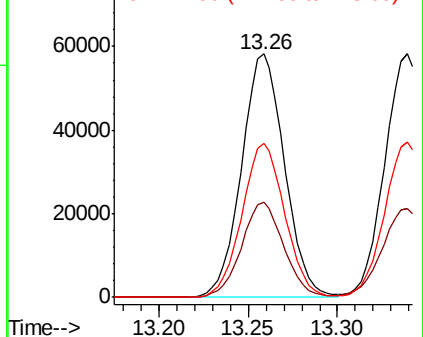


Abundance

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: 17.925 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

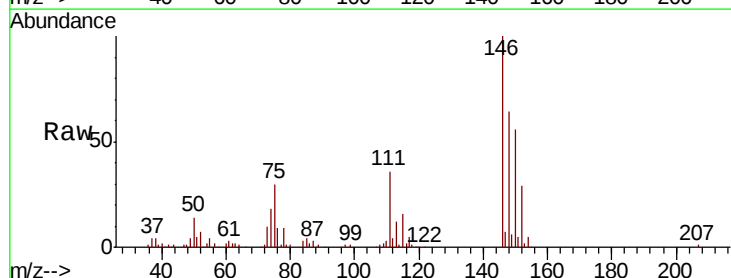
Tgt Ion:146 Resp: 96846

Ion Ratio Lower Upper

146 100

111 38.7 18.4 55.2

148 64.4 32.1 96.5

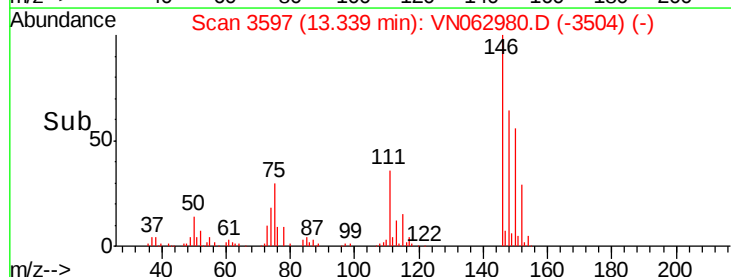
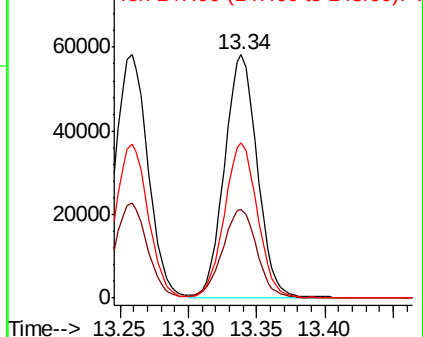


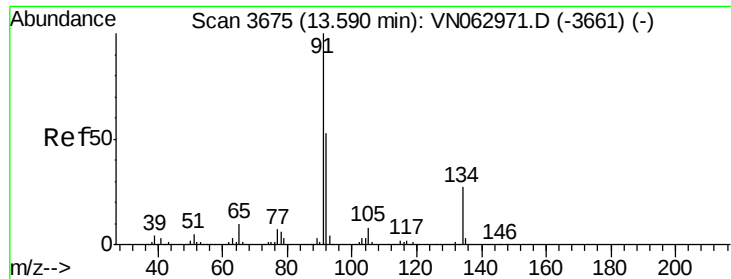
Abundance

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

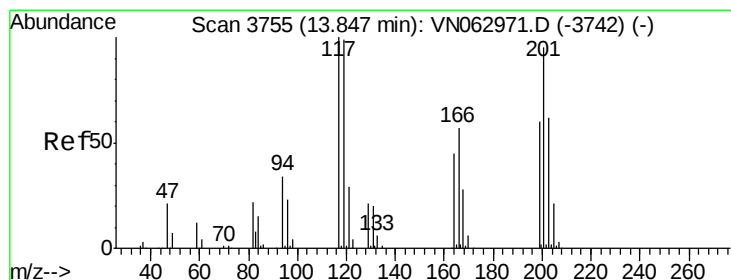
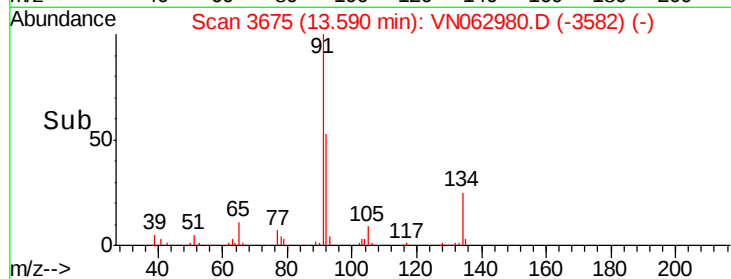
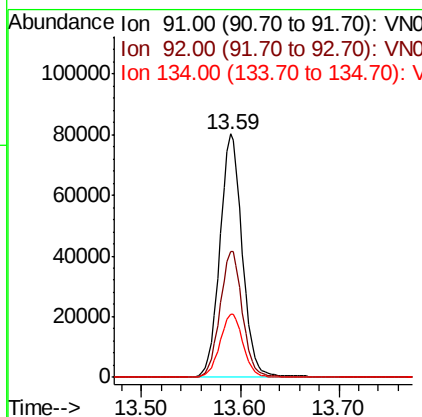
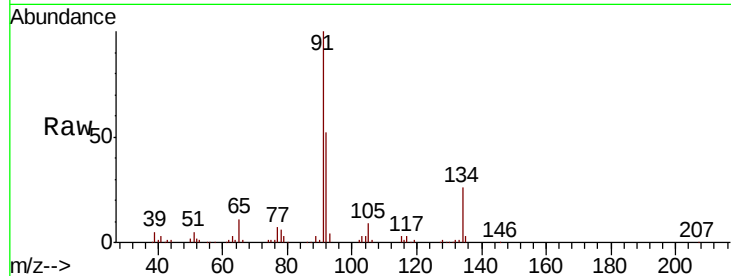




#89
n-Butylbenzene
Concen: 16.874 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

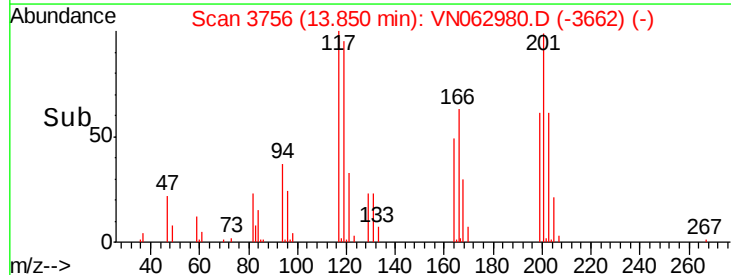
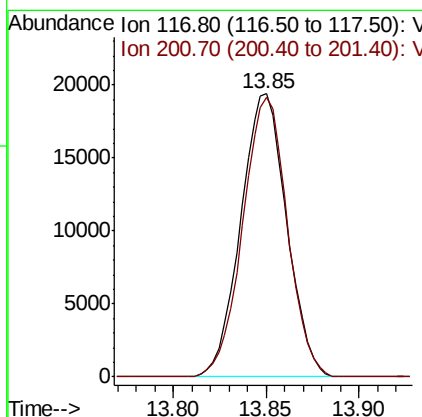
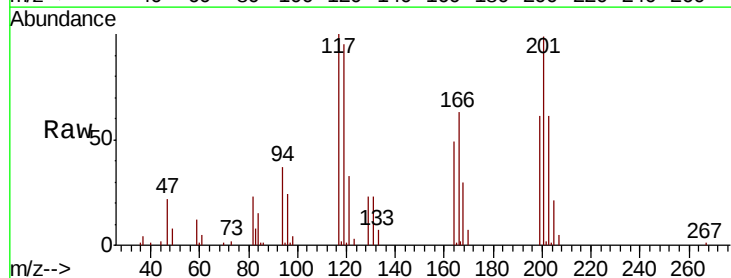
Instrument :
MSVOA_N
ClientSampled :
VN0817WBSD01

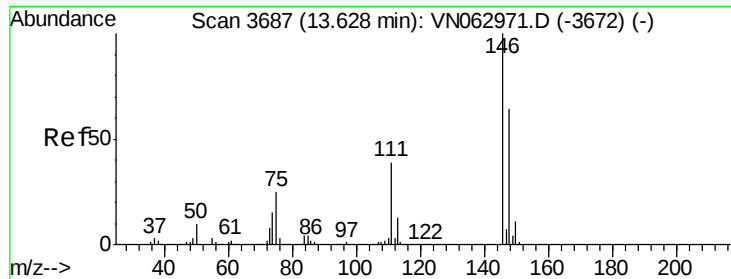
Tot Ion: 91 Resp: 128581
Ion Ratio Lower Upper
91 100
92 51.5 26.3 78.8
134 26.7 13.4 40.2



#90
Hexachloroethane
Concen: 17.573 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062980.D
Acq: 17 Aug 2020 19:56

Tgt Ion: 117 Resp: 33441
Ion Ratio Lower Upper
117 100
201 96.0 48.4 145.3





#91

1,2-Dichlorobenzene

Concen: 18.529 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

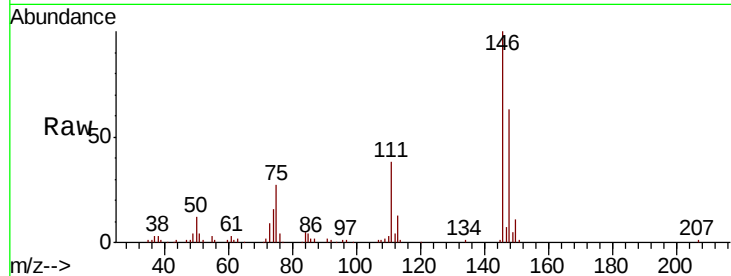
Tot Ion:146 Resp: 93877

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.4

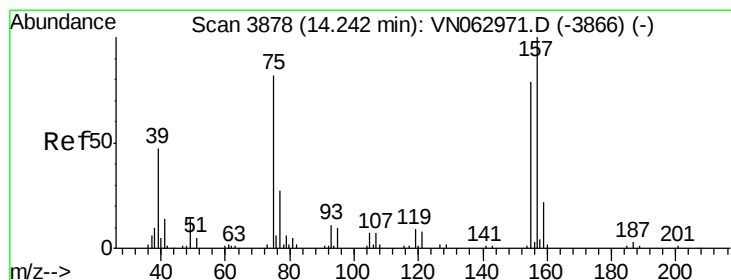
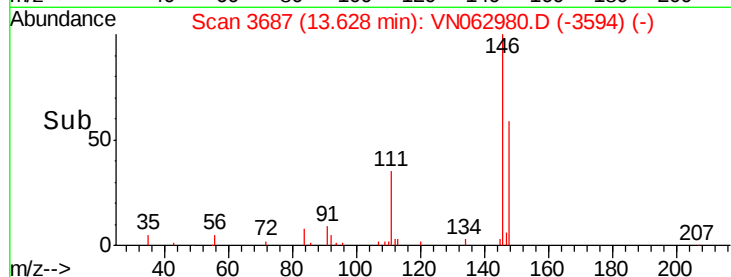
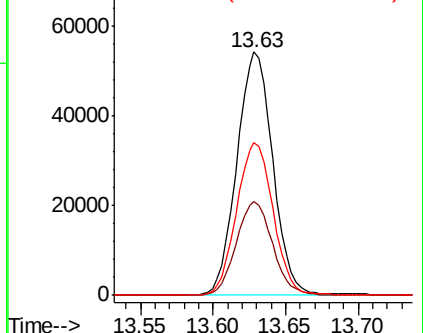
148 63.8 32.5 97.5



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: 24.448 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

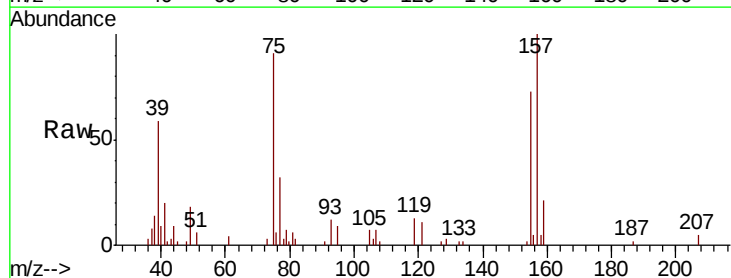
Tgt Ion: 75 Resp: 14681

Ion Ratio Lower Upper

75 100

155 80.1 47.6 142.8

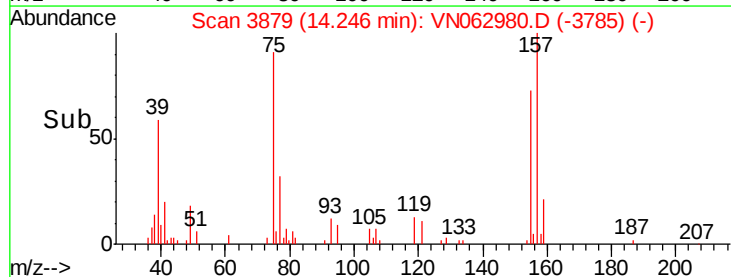
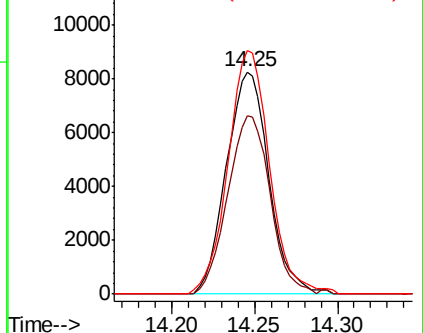
157 107.5 61.4 184.1

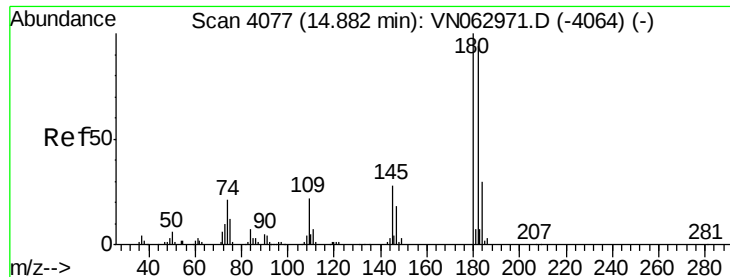


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

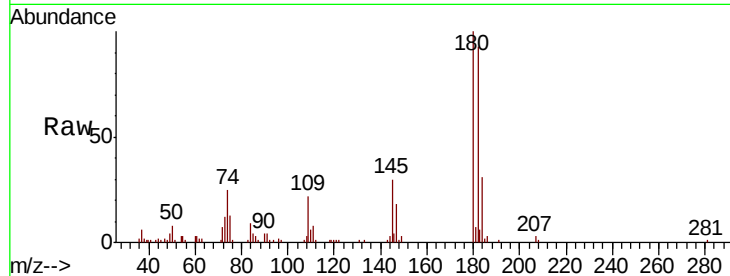




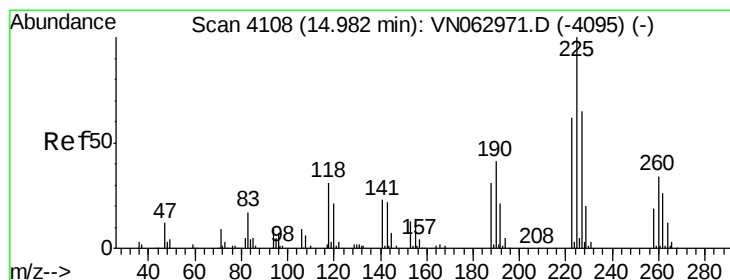
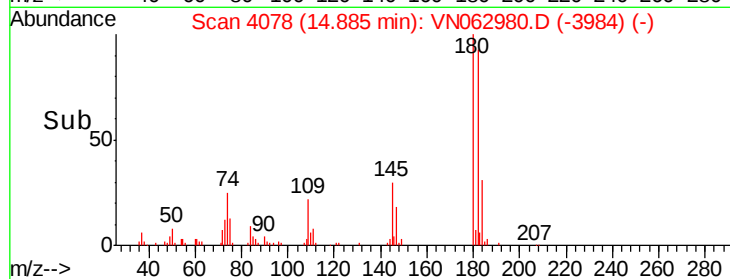
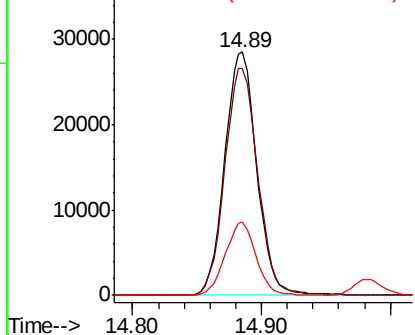
#93
 1,2,4-Trichlorobenzene
 Concen: 19.819 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBSD01

Tot Ion:180 Resp: 48988
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.8 143.3
 145 28.8 13.9 41.7

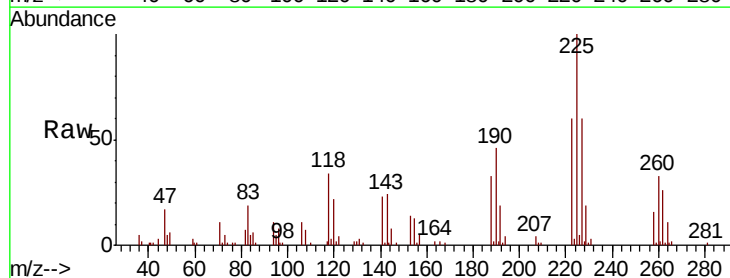


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

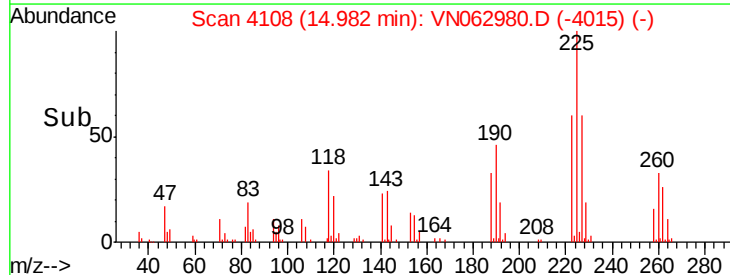
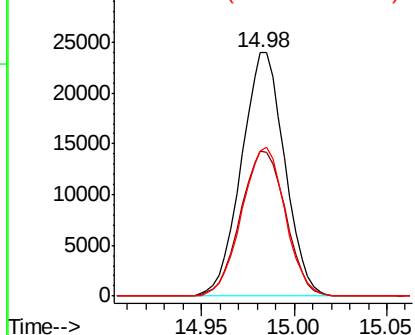


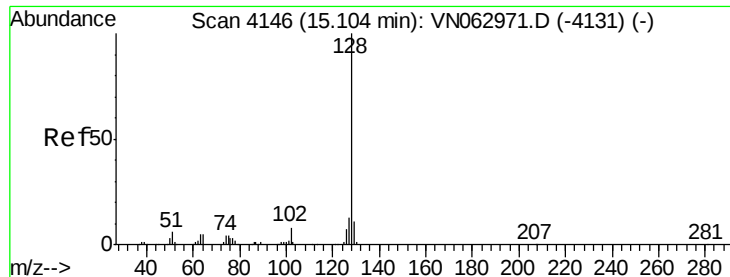
#94
 Hexachlorobutadiene
 Concen: 19.935 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062980.D
 Acq: 17 Aug 2020 19:56

Tgt Ion:225 Resp: 38988
 Ion Ratio Lower Upper
 225 100
 223 62.2 30.9 92.5
 227 61.4 32.0 96.0



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





#95

Naphthalene

Concen: 22.884 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBSD01

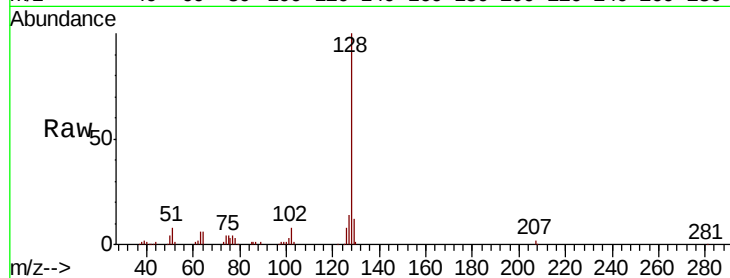
Tot Ion:128 Resp: 119999

Ion Ratio Lower Upper

128 100

127 13.7 10.6 15.8

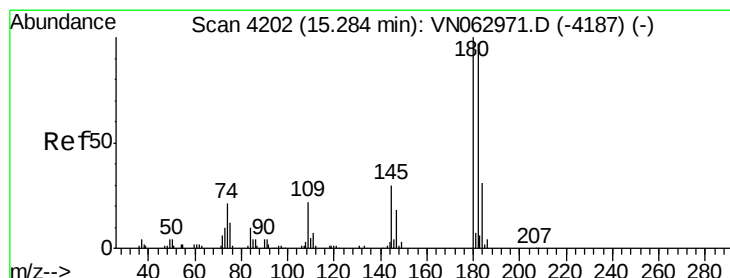
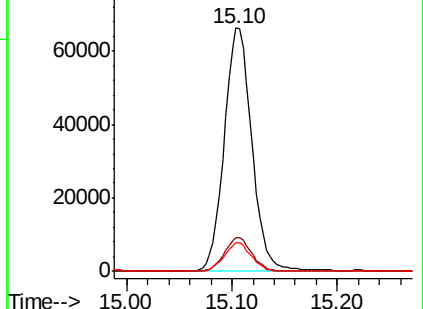
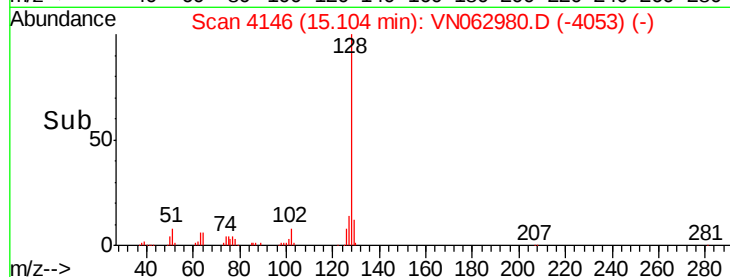
129 11.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.487 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062980.D

Acq: 17 Aug 2020 19:56

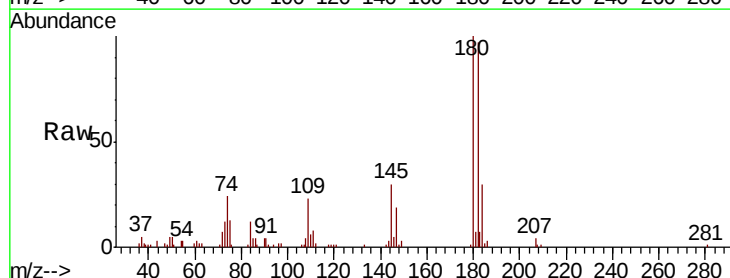
Tgt Ion:180 Resp: 51458

Ion Ratio Lower Upper

180 100

182 95.3 49.3 147.8

145 29.8 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

