

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081920\NOT REVIEWED DATA\
 Data File : VN063013.D
 Acq On : 19 Aug 2020 15:03
 Operator : JC/MD
 Sample : VN0819WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

Quant Time: Aug 19 17:34:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	184384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	282832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123674	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	105767	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	7.55	113	87359	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	10.06	98	327256	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
62) 4-Bromofluorobenzene	12.38	95	111458	44.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	43093	18.066	ug/l	100
3) Chloromethane	2.04	50	48910	19.346	ug/l	99
4) Vinyl Chloride	2.16	62	46875	19.172	ug/l	99
5) Bromomethane	2.52	94	29245	20.152	ug/l	97
6) Chloroethane	2.67	64	27730	19.210	ug/l	96
7) Trichlorofluoromethane	2.98	101	54489	17.871	ug/l	99
8) Diethyl Ether	3.37	74	18105	16.785	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	27703	16.862	ug/l	97
10) Methyl Iodide	3.91	142	35889	17.234	ug/l	99
11) Tert butyl alcohol	4.74	59	25924	83.751	ug/l #	88
12) 1,1-Dichloroethene	3.70	96	25368	16.208	ug/l	98
13) Acrolein	3.57	56	5113	52.728	ug/l	95
14) Allyl chloride	4.28	41	45693	16.558	ug/l	99
15) Acrylonitrile	4.93	53	76956	84.587	ug/l	99
16) Acetone	3.78	43	61823	88.183	ug/l	96
17) Carbon Disulfide	4.01	76	71117	17.350	ug/l	99
18) Methyl Acetate	4.28	43	35460	16.328	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	96027	17.593	ug/l	98
20) Methylene Chloride	4.50	84	35652	17.640	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	28452	17.371	ug/l	98
22) Diisopropyl ether	5.91	45	116665	18.630	ug/l	97
23) Vinyl Acetate	5.85	43	355057	84.021	ug/l	100
24) 1,1-Dichloroethane	5.80	63	63700	18.203	ug/l	100
25) 2-Butanone	6.79	43	96427	83.114	ug/l	98
26) 2,2-Dichloropropane	6.77	77	45253	16.443	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	35554	17.318	ug/l	100
28) Bromochloromethane	7.15	49	35398	19.333	ug/l	98
29) Tetrahydrofuran	7.17	42	63938	85.390	ug/l	99
30) Chloroform	7.33	83	63455	18.005	ug/l	98
31) Cyclohexane	7.62	56	54699	16.983	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	49946	17.359	ug/l	100
36) 1,1-Dichloropropene	7.75	75	40025	16.058	ug/l	98
37) Ethyl Acetate	6.89	43	37229	15.941	ug/l	99
38) Carbon Tetrachloride	7.73	117	42508	16.893	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	47331	15.188	ug/l	97
40) Benzene	8.00	78	135267	17.111	ug/l	100
41) Methacrylonitrile	7.12	41	17729	15.933	ug/l	96
42) 1,2-Dichloroethane	8.09	62	47014	17.712	ug/l	99
43) Isopropyl Acetate	8.13	43	63812	16.492	ug/l	99
44) Trichloroethene	8.80	130	33052	16.809	ug/l	95
45) 1,2-Dichloropropane	9.09	63	40167	17.578	ug/l	97
46) Dibromomethane	9.18	93	23677	17.936	ug/l	99
47) Bromodichloromethane	9.37	83	50889	17.601	ug/l	99
48) Methyl methacrylate	9.17	41	29923	16.345	ug/l	96
49) 1,4-Dioxane	9.17	88	12413	318.710	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	204071	83.443	ug/l	98
52) Toluene	10.13	92	84125	17.641	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	50265	16.811	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	54445	16.600	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	36380	17.842	ug/l	99
56) Ethyl methacrylate	10.40	69	45213	15.598	ug/l	97
57) 1,3-Dichloropropane	10.68	76	58717	17.341	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	44377	67.332	ug/l	100
59) 2-Hexanone	10.72	43	138589	81.241	ug/l	97
60) Dibromochloromethane	10.87	129	38108	16.888	ug/l	99
61) 1,2-Dibromoethane	10.98	107	34158	17.434	ug/l	99
64) Tetrachloroethene	10.60	164	29308	16.813	ug/l	99
65) Chlorobenzene	11.41	112	91729	17.224	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	35481	17.128	ug/l	98
67) Ethyl Benzene	11.48	91	150398	16.713	ug/l	99
68) m/p-Xylenes	11.60	106	114728	34.302	ug/l	100
69) o-Xylene	11.92	106	53987	16.809	ug/l	98
70) Styrene	11.94	104	95879	16.388	ug/l	99
71) Bromoform	12.10	173	27494	16.675	ug/l #	99
73) Isopropylbenzene	12.23	105	144081	17.012	ug/l	100
74) N-amyl acetate	12.05	43	50675	16.706	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	51725	17.843	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	61109	25.420	ug/l #	100
77) Bromobenzene	12.50	156	41521	17.826	ug/l	98
78) n-propylbenzene	12.57	91	167921	17.395	ug/l	100
79) 2-Chlorotoluene	12.65	91	105131	17.314	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	123150	17.590	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	14324	16.365	ug/l	92
82) 4-Chlorotoluene	12.75	91	107483	17.384	ug/l	99
83) tert-Butylbenzene	12.97	119	105226	17.414	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	117888	17.284	ug/l	100
85) sec-Butylbenzene	13.15	105	138470	16.956	ug/l	98
86) p-Isopropyltoluene	13.27	119	116690	16.399	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	68063	17.003	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	69214	17.035	ug/l	99
89) n-Butylbenzene	13.59	91	87376	15.008	ug/l	99
90) Hexachloroethane	13.85	117	25654	16.962	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	67292	17.403	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7548	17.696	ug/l	97

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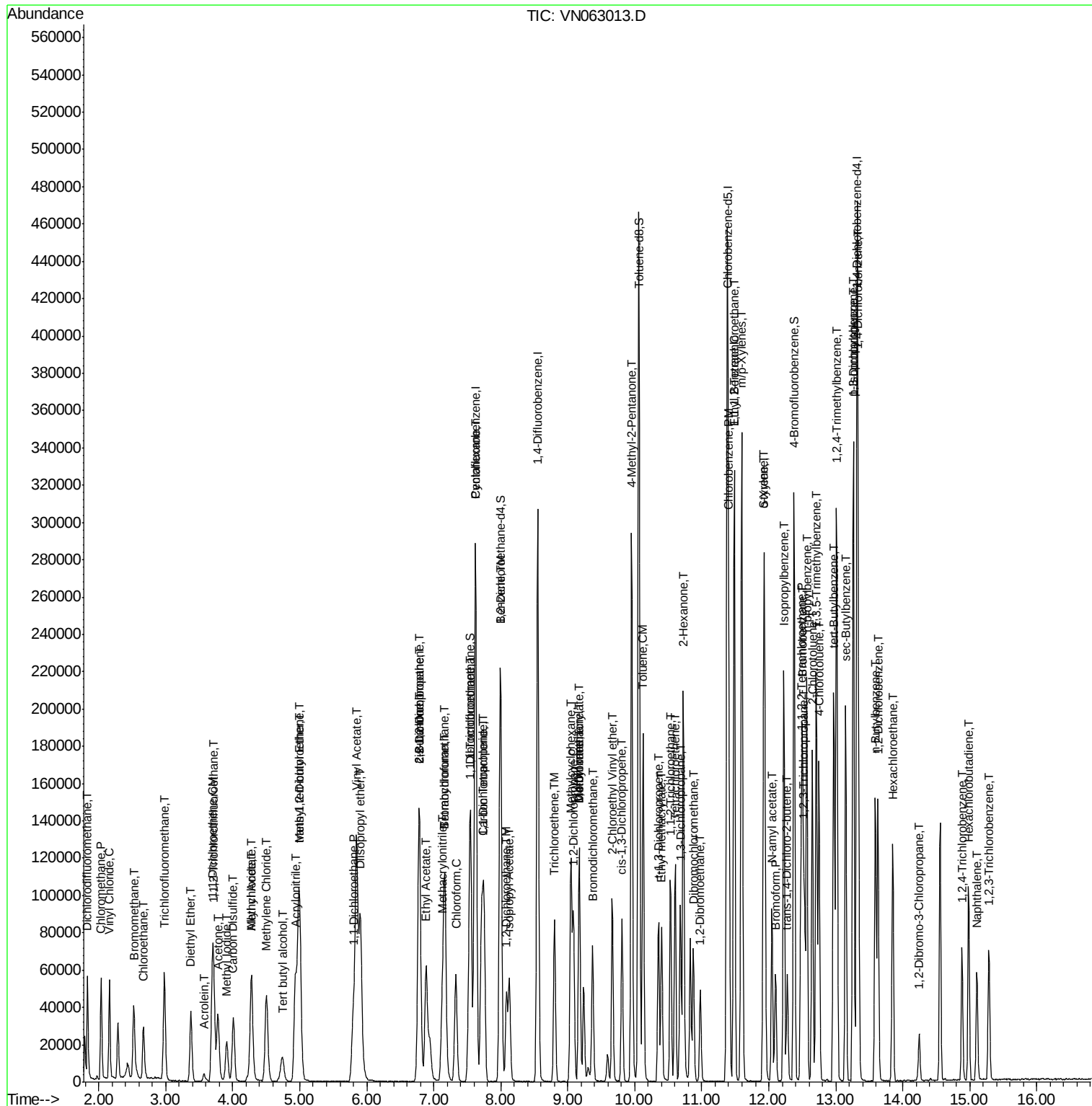
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	25550	15.382	ug/l	99
94) Hexachlorobutadiene	14.98	225	22307	15.612	ug/l	98
95) Naphthalene	15.10	128	53212	15.209	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	25847	15.291	ug/l	97

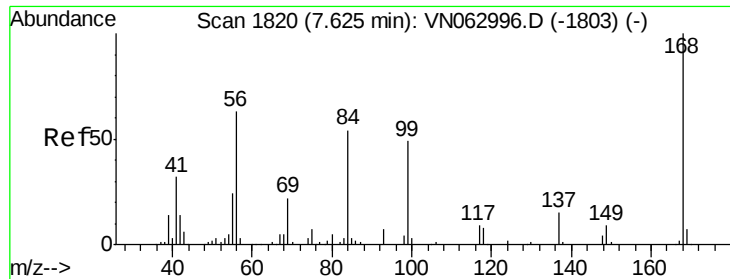
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081920\NOT REVIEWED DATA\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

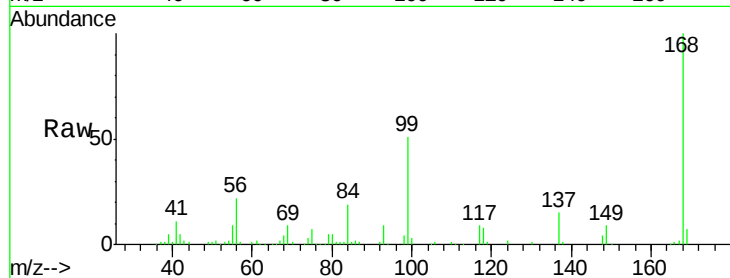
VN0819WBS01

Tgt Ion:168 Resp: 184384

Ion Ratio Lower Upper

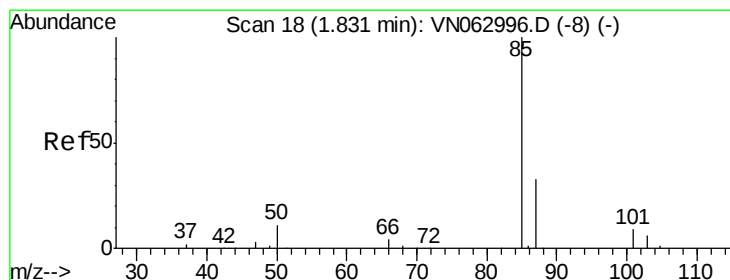
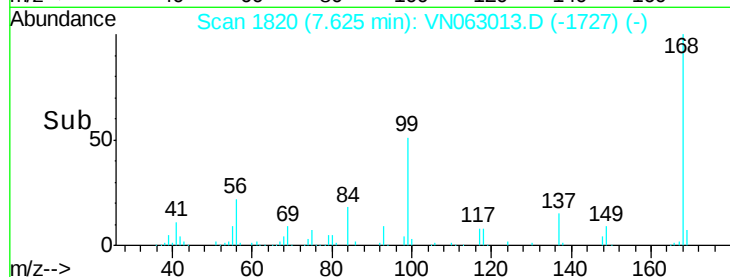
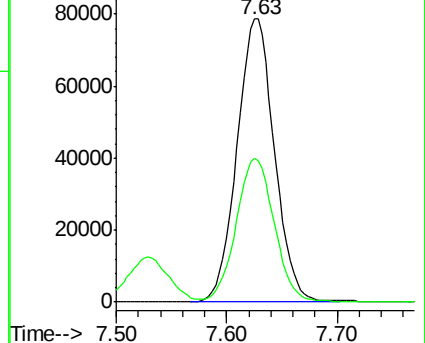
168 100

99 50.3 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.066 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN063013.D

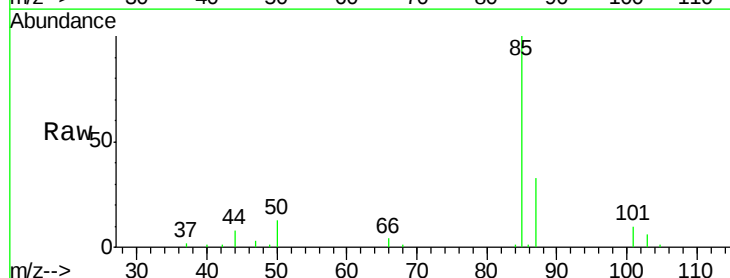
Acq: 19 Aug 2020 15:03

Tgt Ion: 85 Resp: 43093

Ion Ratio Lower Upper

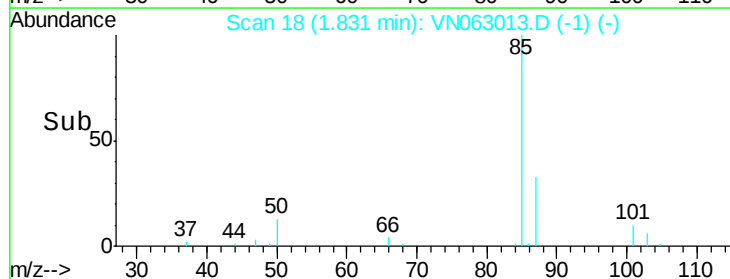
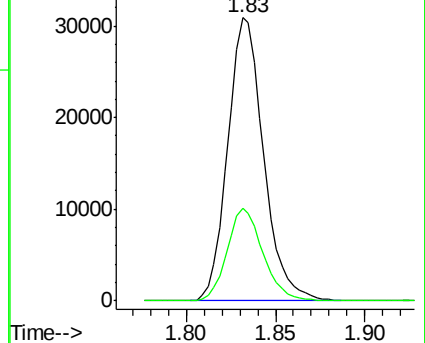
85 100

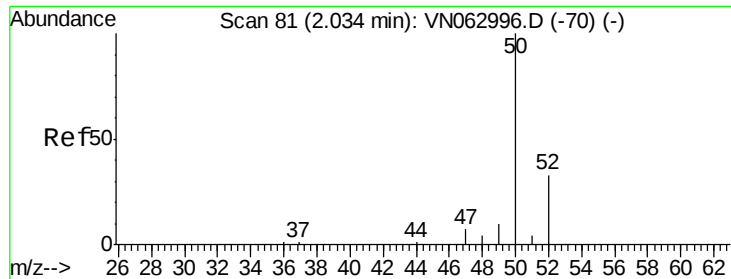
87 33.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 19.346 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

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ClientSampleId :

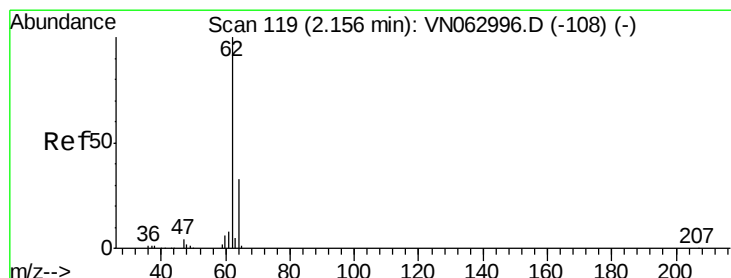
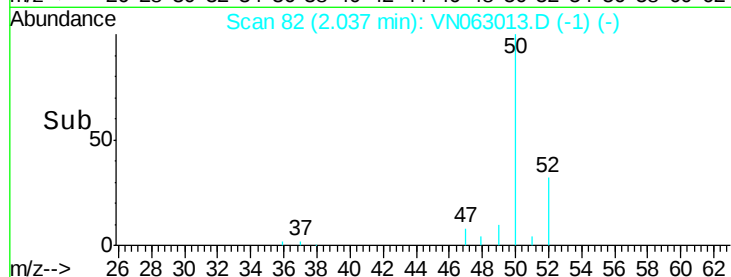
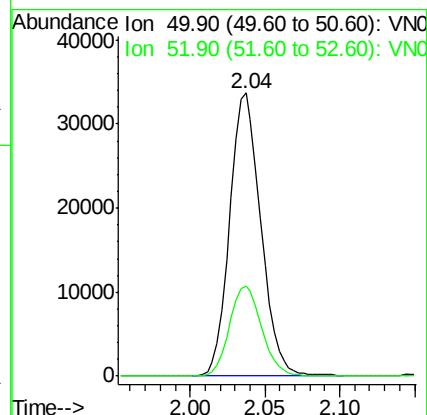
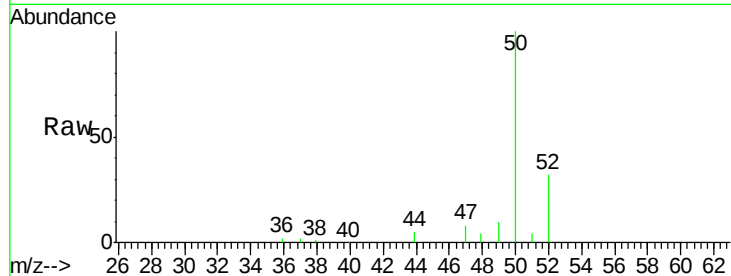
VN0819WBS01

Tgt Ion: 50 Resp: 48910

Ion Ratio Lower Upper

50 100

52 32.1 26.0 39.0



#4

Vinyl Chloride

Concen: 19.172 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN063013.D

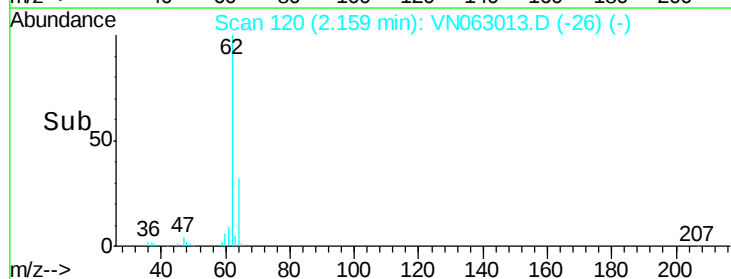
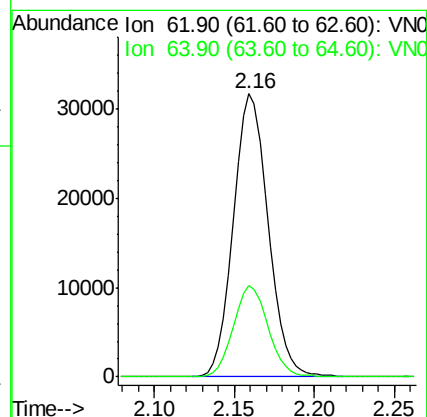
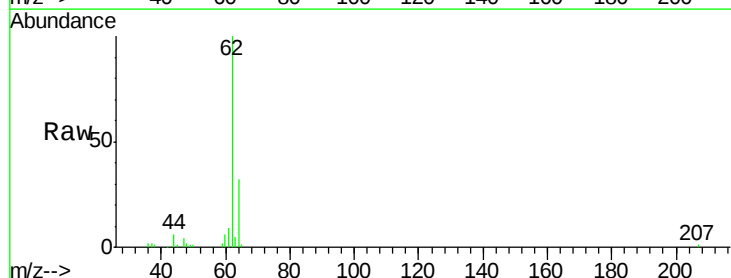
Acq: 19 Aug 2020 15:03

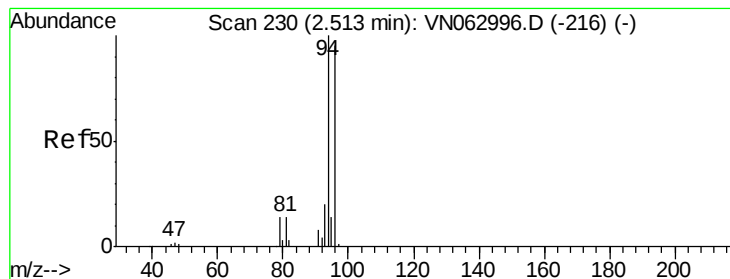
Tgt Ion: 62 Resp: 46875

Ion Ratio Lower Upper

62 100

64 32.1 26.2 39.2





#5

Bromomethane

Concen: 20.152 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.01 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

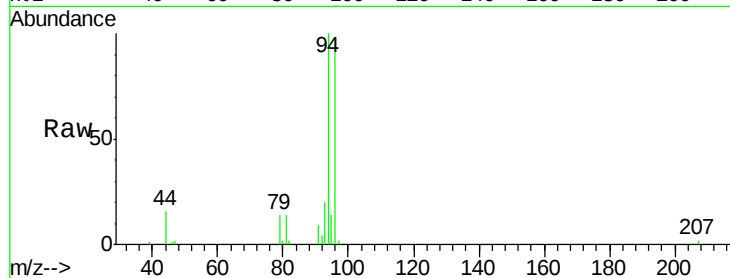
VN0819WBS01

Tgt Ion: 94 Resp: 29245

Ion Ratio Lower Upper

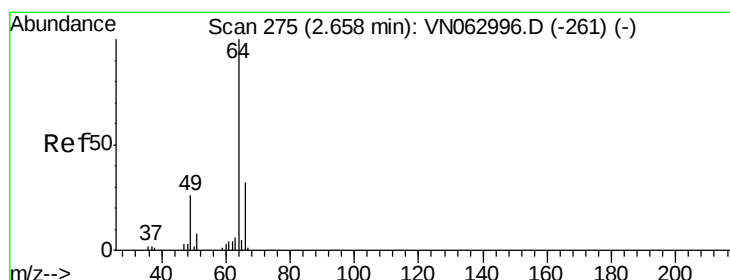
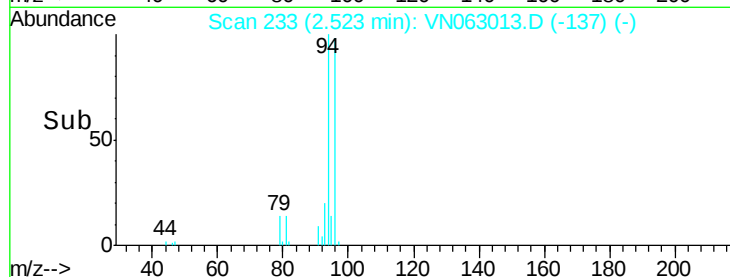
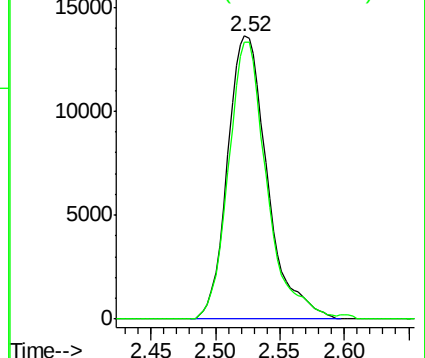
94 100

96 98.0 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.210 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.01 min

Lab File: VN063013.D

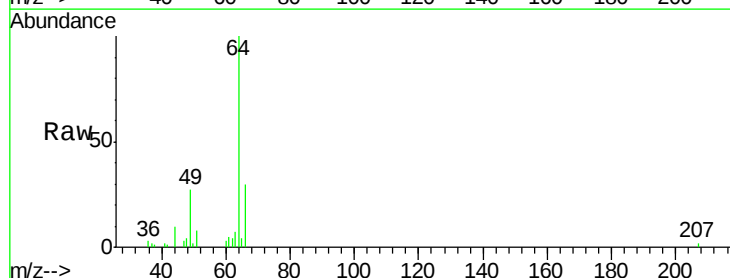
Acq: 19 Aug 2020 15:03

Tgt Ion: 64 Resp: 27730

Ion Ratio Lower Upper

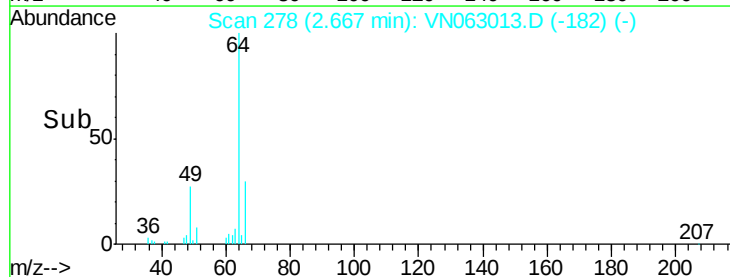
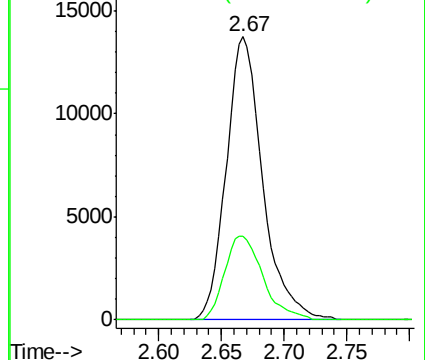
64 100

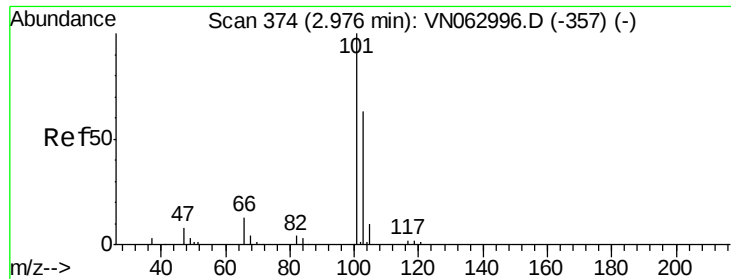
66 29.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



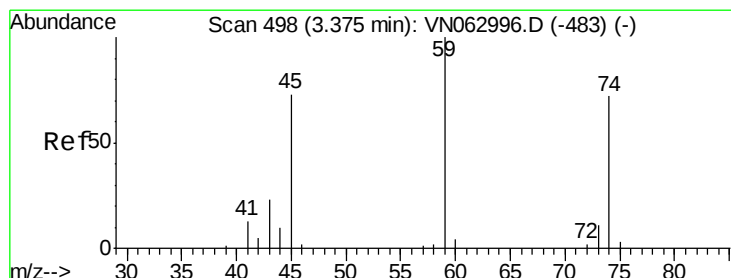
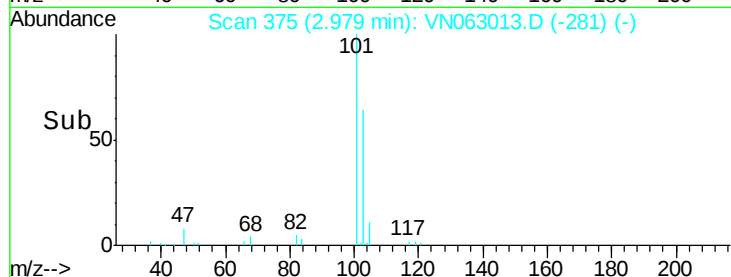
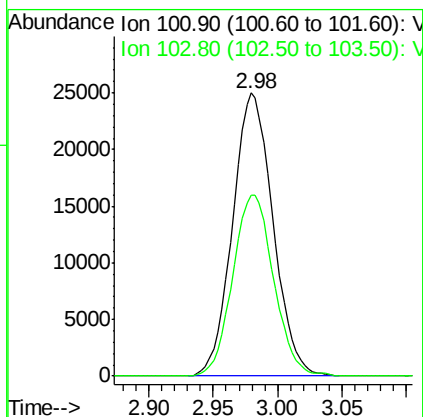
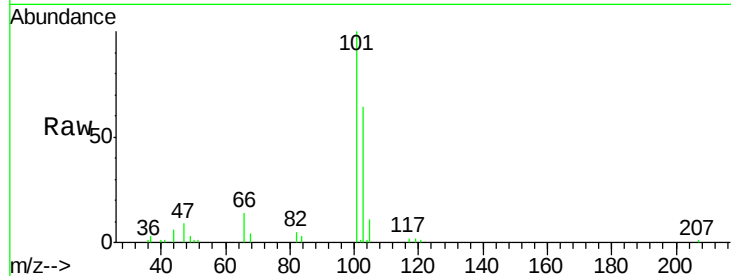


#7

Trichlorofluoromethane
 Concen: 17.871 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

Instrument :
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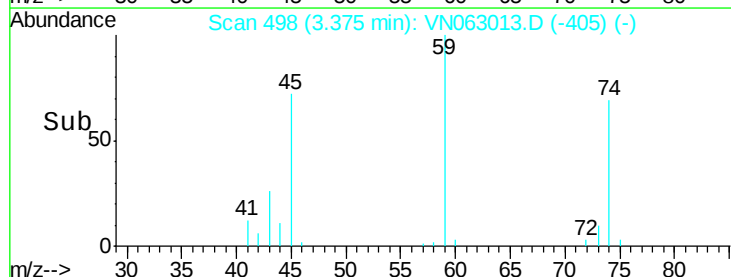
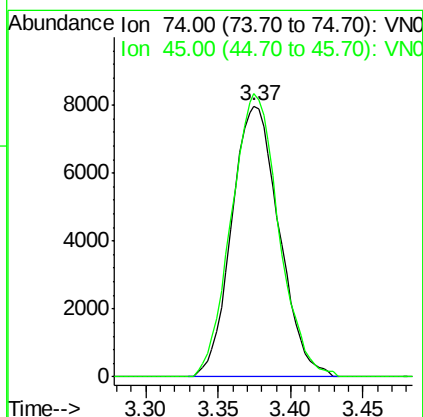
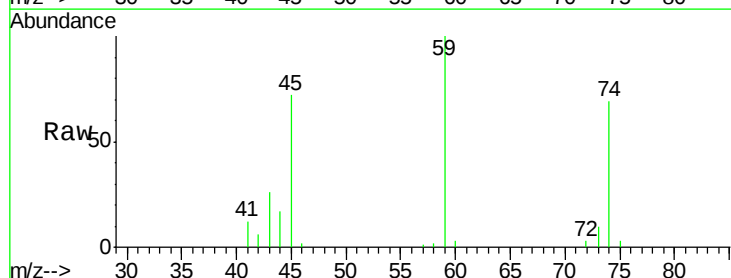
Tgt Ion:101 Resp: 54489
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.5 75.7

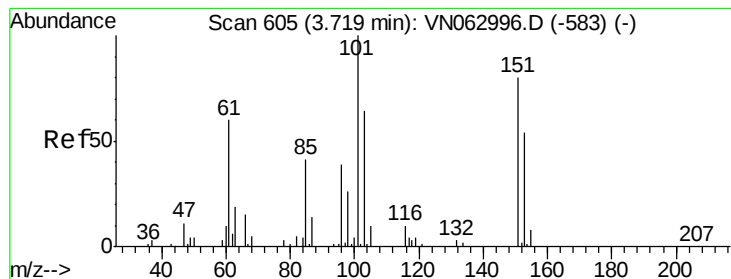


#8

Diethyl Ether
 Concen: 16.785 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

Tgt Ion: 74 Resp: 18105
 Ion Ratio Lower Upper
 74 100
 45 104.7 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.862 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

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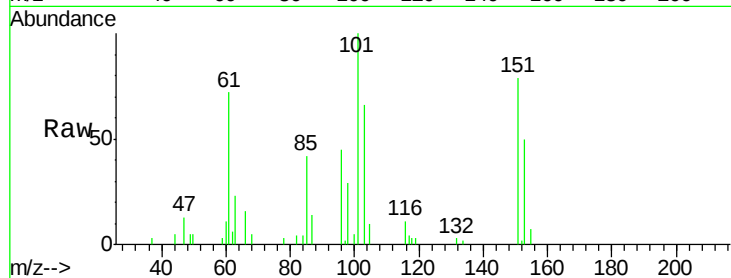
Tgt Ion:101 Resp: 27703

Ion Ratio Lower Upper

101 100

85 43.1 34.0 51.0

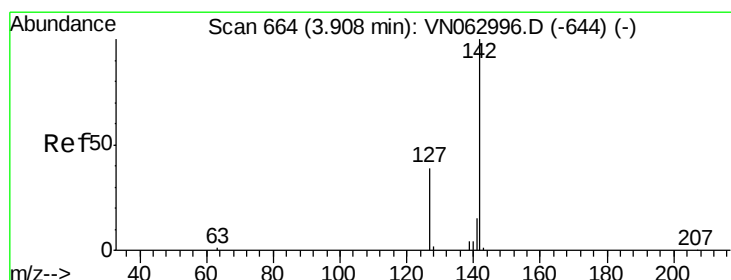
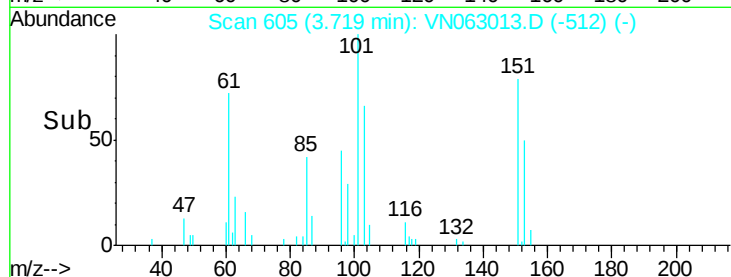
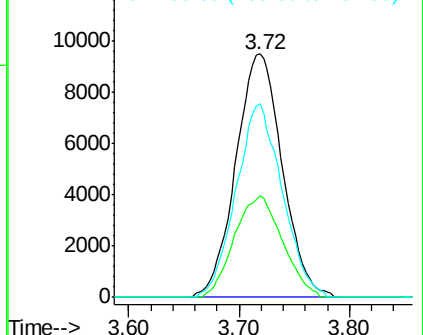
151 79.0 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.234 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

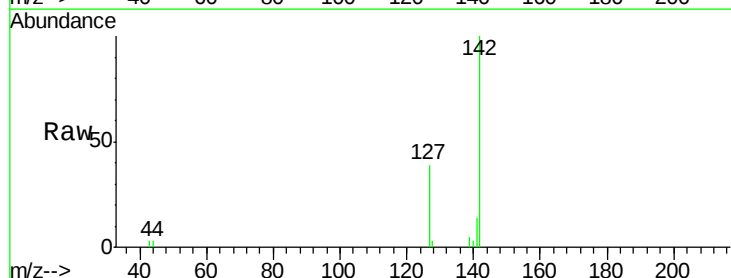
Tgt Ion:142 Resp: 35889

Ion Ratio Lower Upper

142 100

127 41.2 32.2 48.4

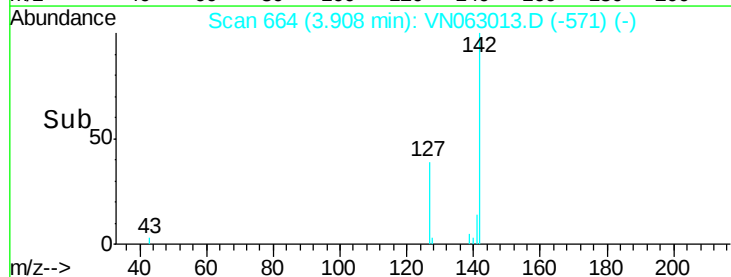
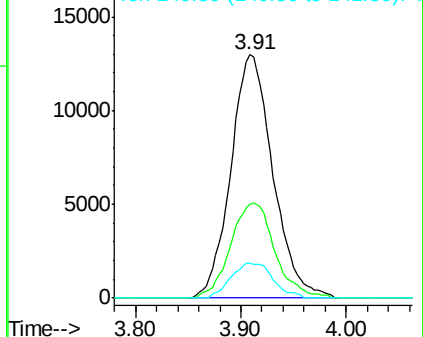
141 14.4 11.3 16.9

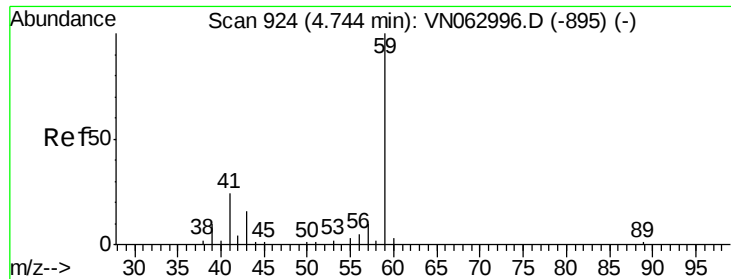


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

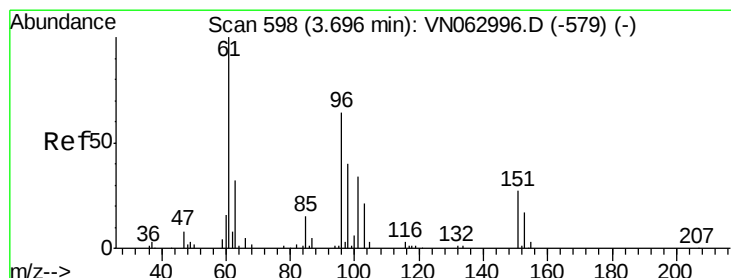
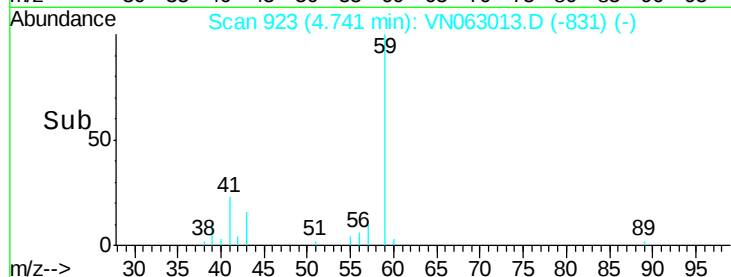
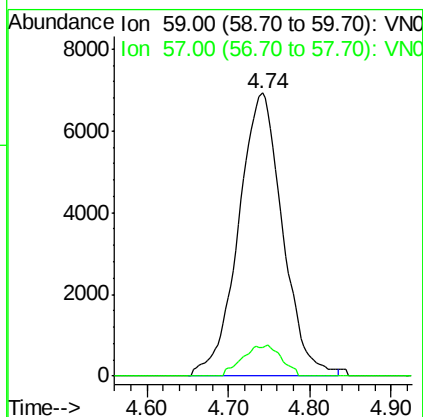
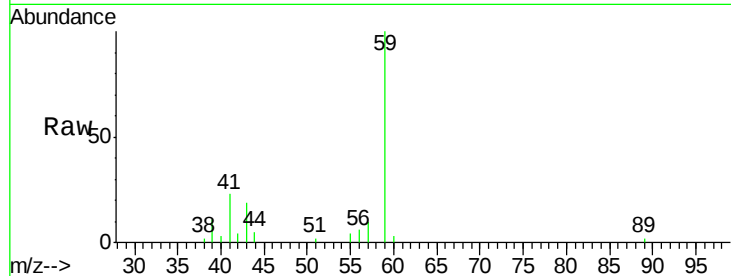




#11
Tert butyl alcohol
Concen: 83.751 ug/l
RT: 4.74 min Scan# 923
Delta R.T. -0.00 min
Lab File: VN063013.D
Acq: 19 Aug 2020 15:03

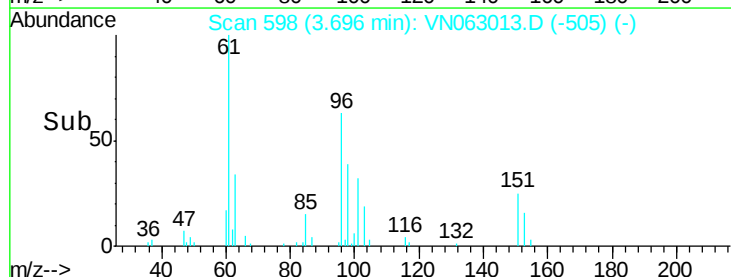
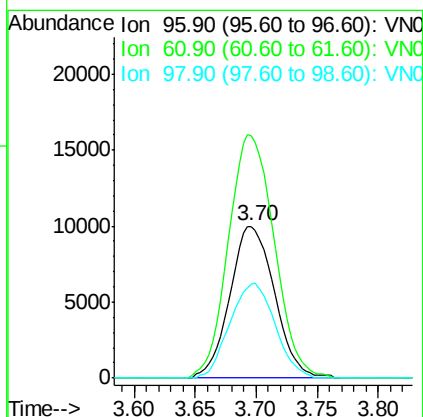
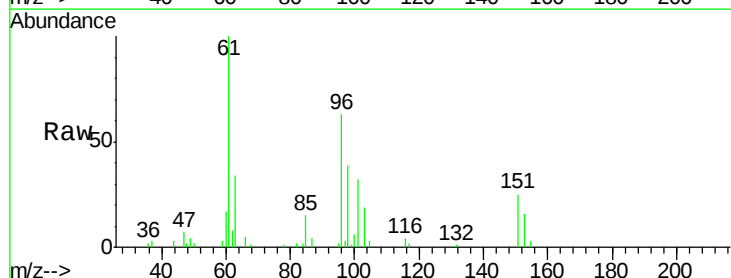
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

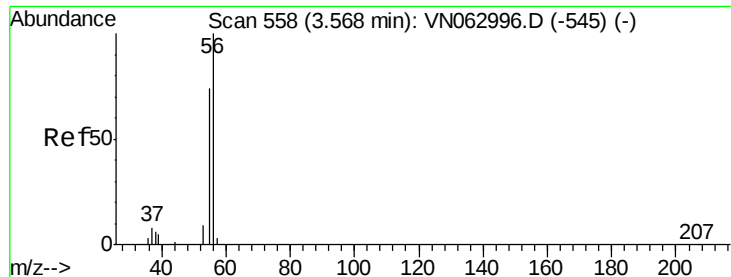
Tgt Ion: 59 Resp: 25924
Ion Ratio Lower Upper
59 100
57 5.1 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 16.208 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN063013.D
Acq: 19 Aug 2020 15:03

Tgt Ion: 96 Resp: 25368
Ion Ratio Lower Upper
96 100
61 159.5 125.5 188.3
98 61.6 50.4 75.6





#13

Acrolein

Concen: 52.728 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

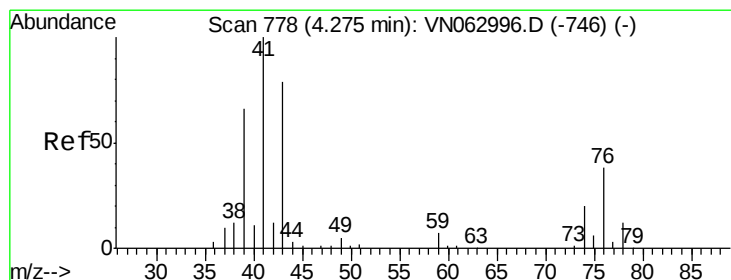
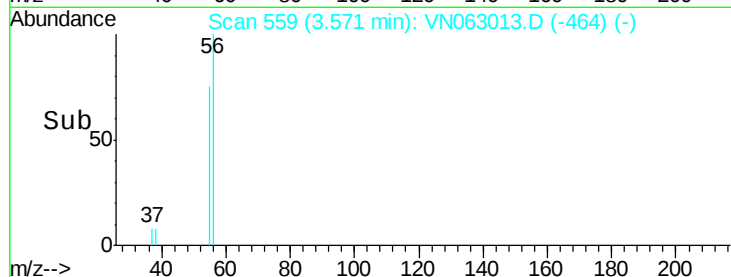
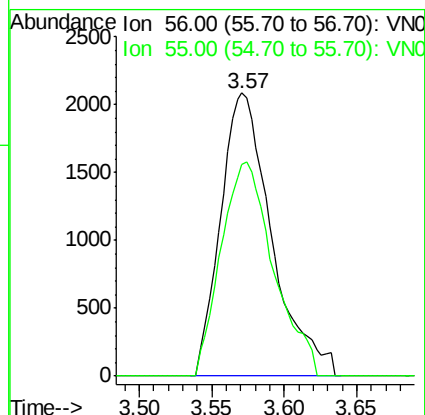
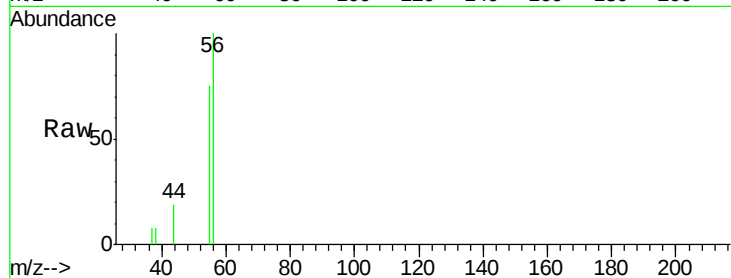
VN0819WBS01

Tgt Ion: 56 Resp: 5113

Ion Ratio Lower Upper

56 100

55 77.6 58.4 87.6



#14

Allyl chloride

Concen: 16.558 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

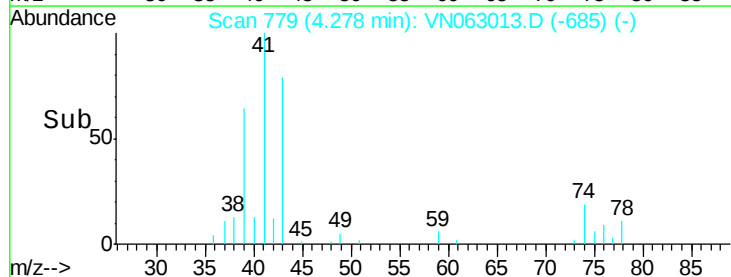
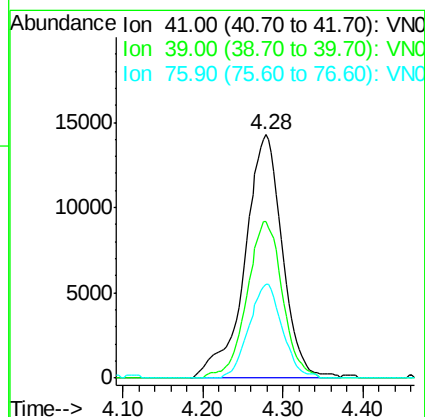
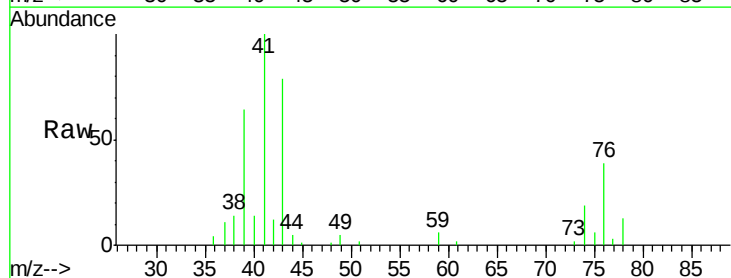
Tgt Ion: 41 Resp: 45693

Ion Ratio Lower Upper

41 100

39 60.7 47.9 71.9

76 34.1 27.0 40.6





#15

Acrylonitrile

Concen: 84.587 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS01

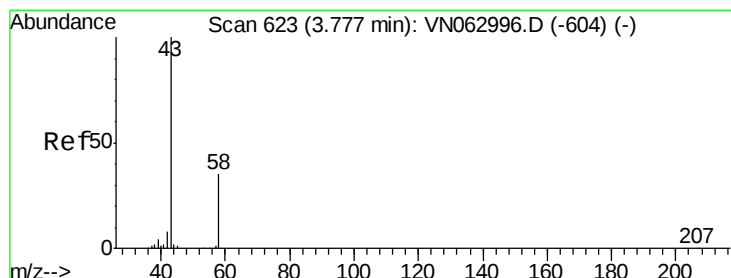
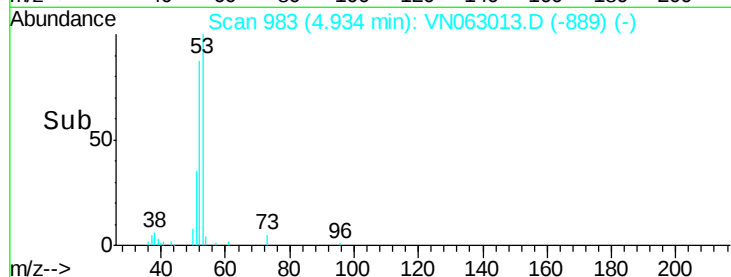
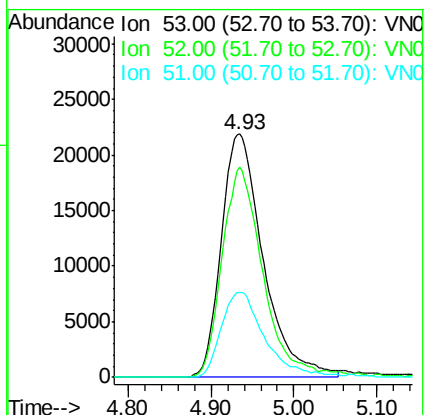
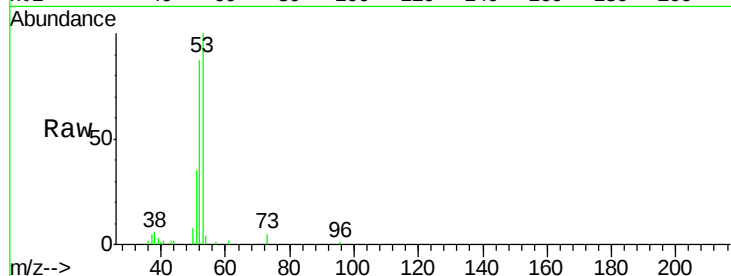
Tgt Ion: 53 Resp: 76956

Ion Ratio Lower Upper

53 100

52 82.8 65.6 98.4

51 36.2 28.2 42.4



#16

Acetone

Concen: 88.183 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN063013.D

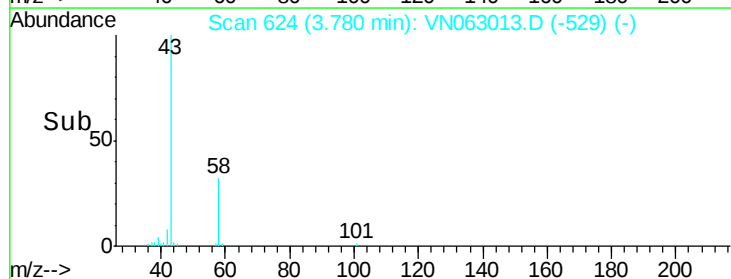
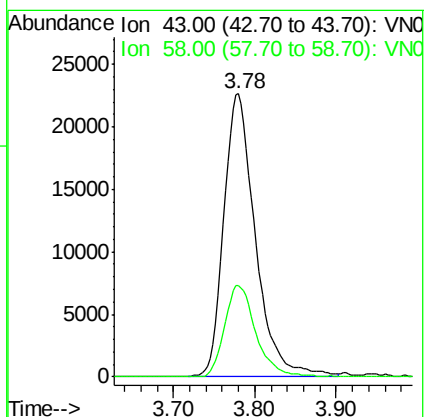
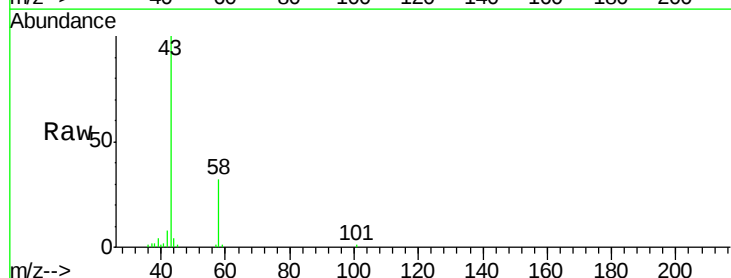
Acq: 19 Aug 2020 15:03

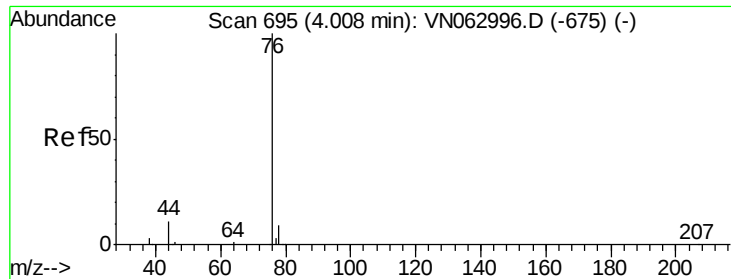
Tgt Ion: 43 Resp: 61823

Ion Ratio Lower Upper

43 100

58 32.3 27.8 41.6





#17

Carbon Disulfide

Concen: 17.350 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

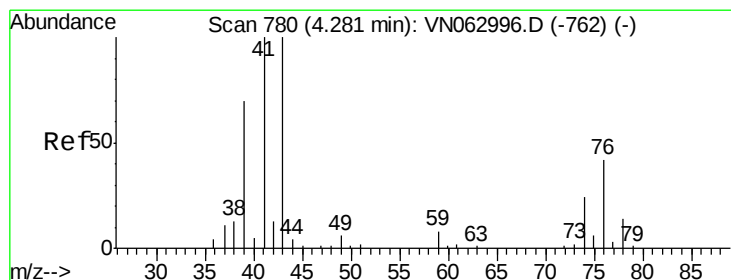
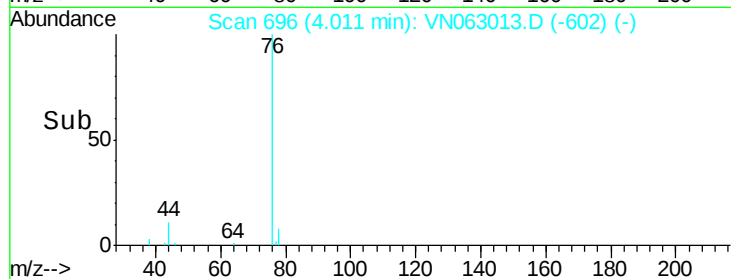
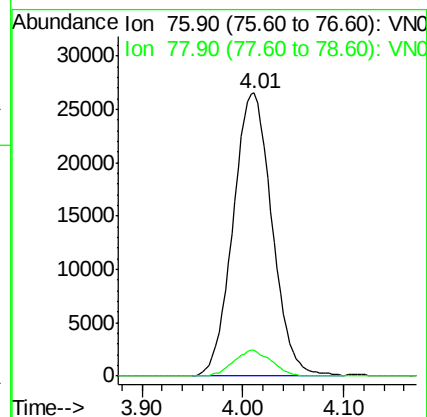
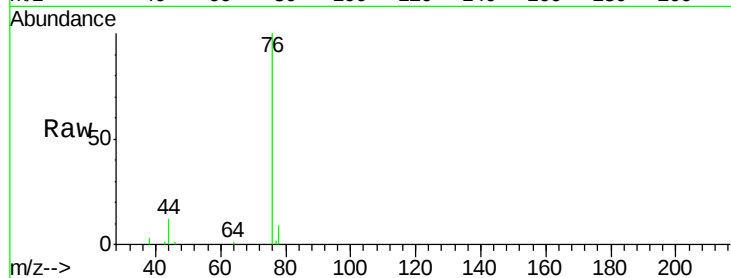
VN0819WBS01

Tgt Ion: 76 Resp: 71117

Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3



#18

Methyl Acetate

Concen: 16.328 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN063013.D

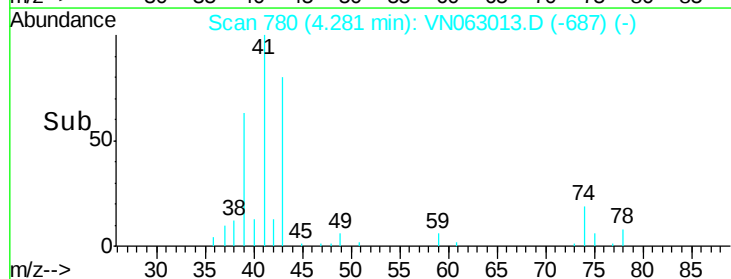
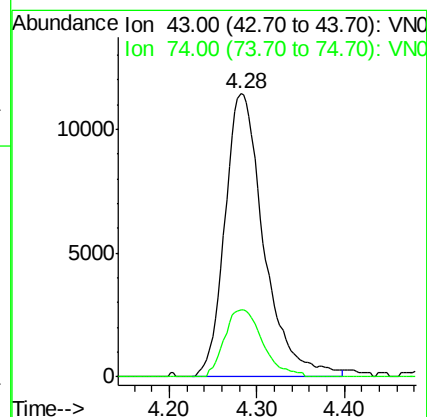
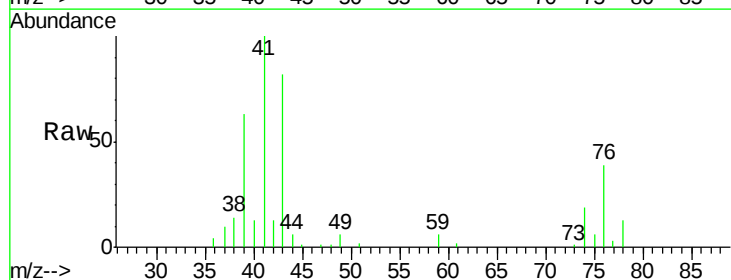
Acq: 19 Aug 2020 15:03

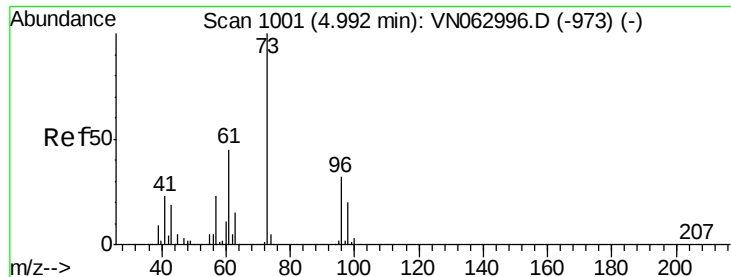
Tgt Ion: 43 Resp: 35460

Ion Ratio Lower Upper

43 100

74 23.1 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 17.593 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

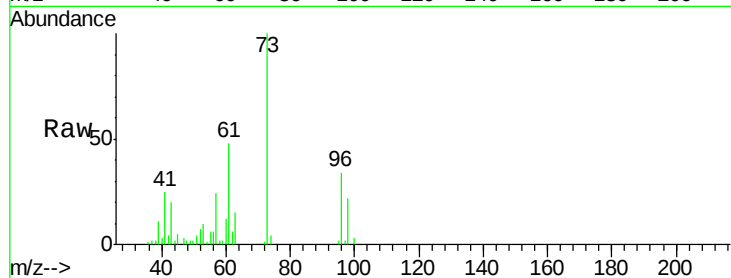
VN0819WBS01

Tgt Ion: 73 Resp: 96027

Ion Ratio Lower Upper

73 100

57 23.6 18.1 27.1



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

5.00

25000

20000

15000

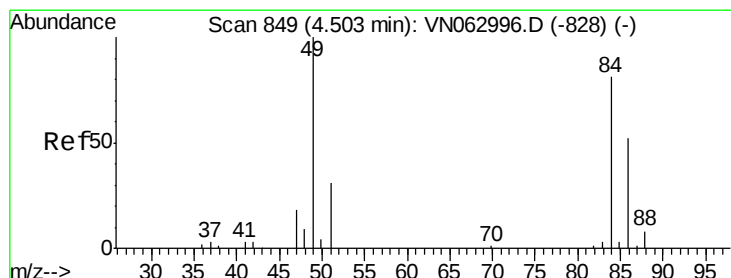
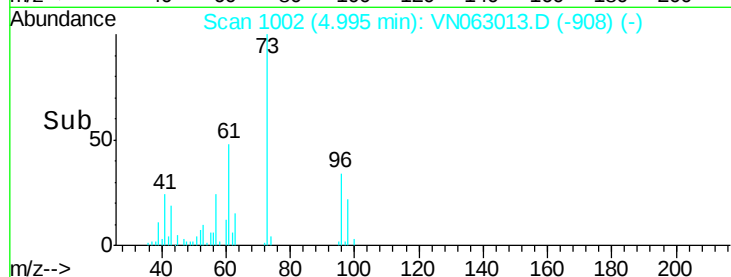
10000

5000

0

Time-->

4.90 5.00 5.10



#20

Methylene Chloride

Concen: 17.640 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Tgt Ion: 84 Resp: 35652

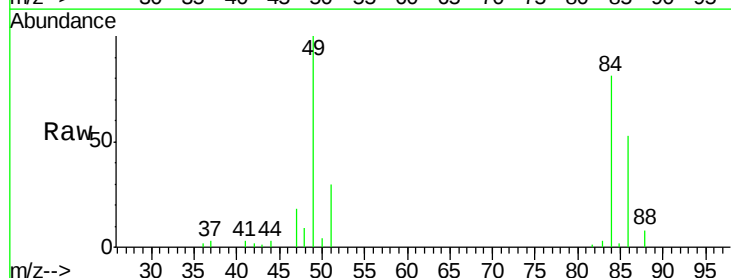
Ion Ratio Lower Upper

84 100

49 123.9 98.7 148.1

51 37.7 30.8 46.2

86 65.7 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

20000

15000

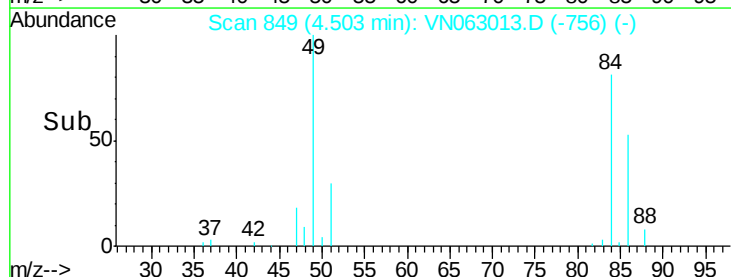
10000

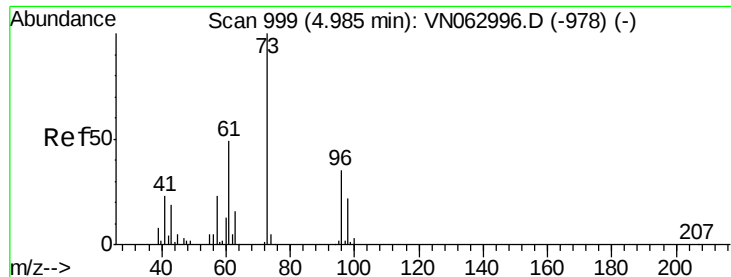
5000

0

Time-->

4.40 4.50 4.60





#21

trans-1,2-Dichloroethene

Concen: 17.371 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampled :

VN0819WBS01

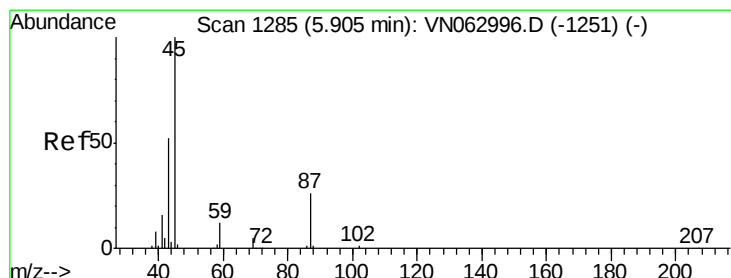
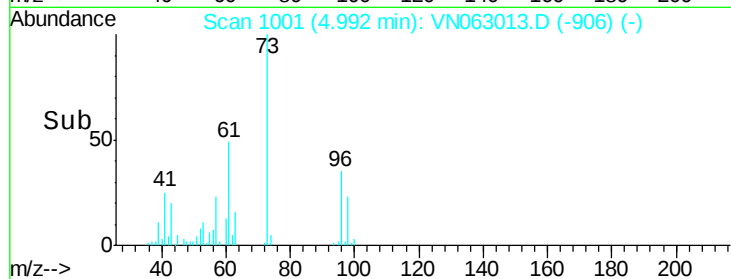
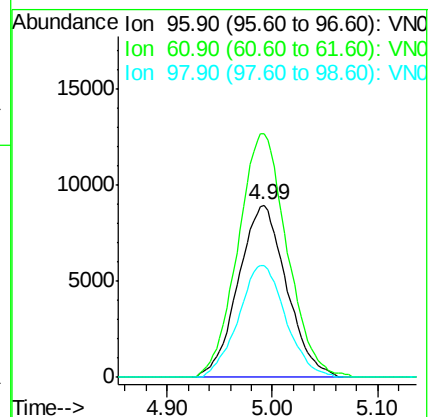
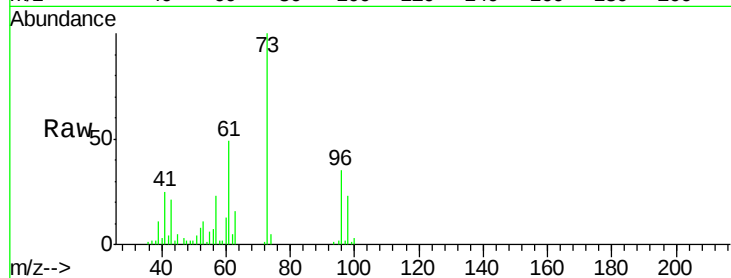
Tgt Ion: 96 Resp: 28452

Ion Ratio Lower Upper

96 100

61 141.5 112.5 168.7

98 64.6 49.4 74.0



#22

Diisopropyl ether

Concen: 18.630 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Tgt Ion: 45 Resp: 116665

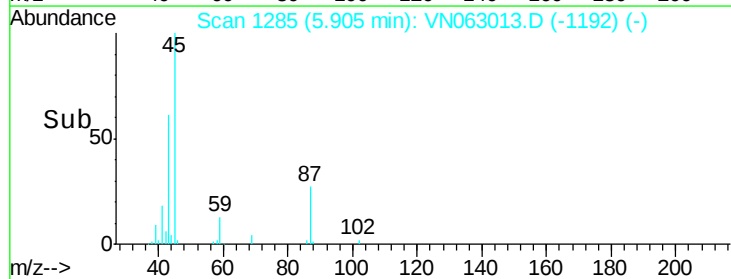
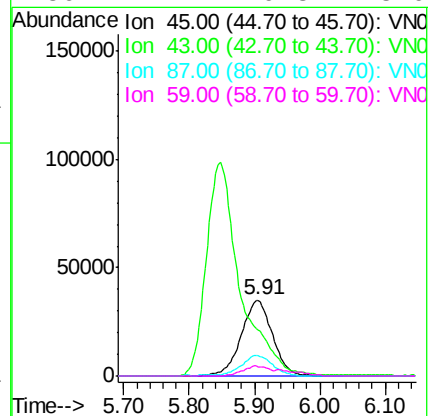
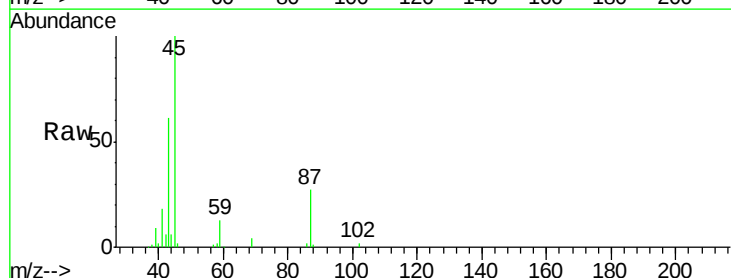
Ion Ratio Lower Upper

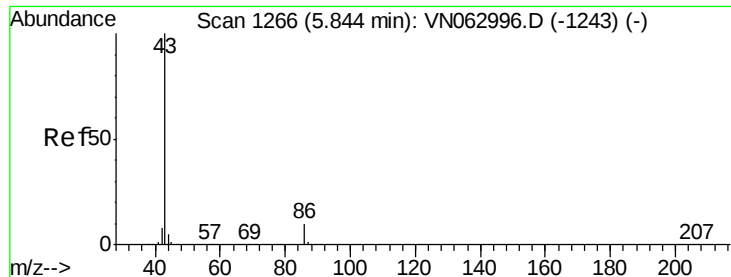
45 100

43 59.9 45.7 68.5

87 26.7 21.8 32.6

59 12.7 9.3 13.9





#23

Vinyl Acetate

Concen: 84.021 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampled :

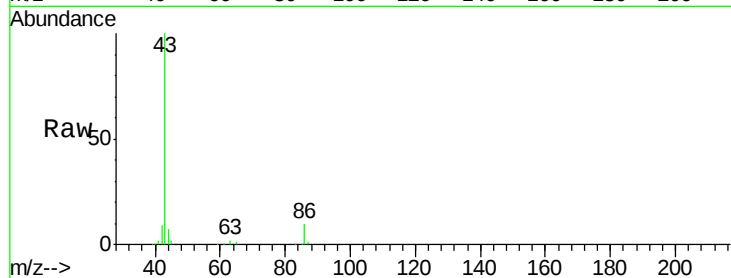
VN0819WBS01

Tgt Ion: 43 Resp: 355057

Ion Ratio Lower Upper

43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1243) (-)

Ion 86.00 (85.70 to 86.70): VN062996.D (-1243) (-)

5.85

100000

80000

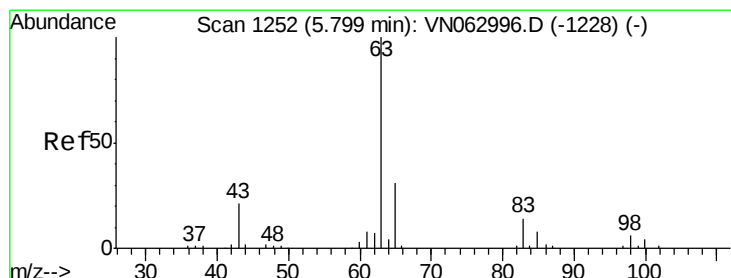
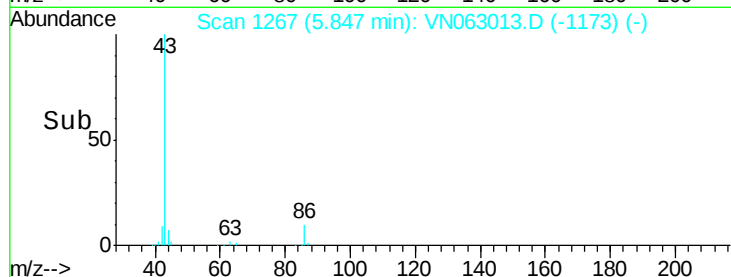
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.203 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

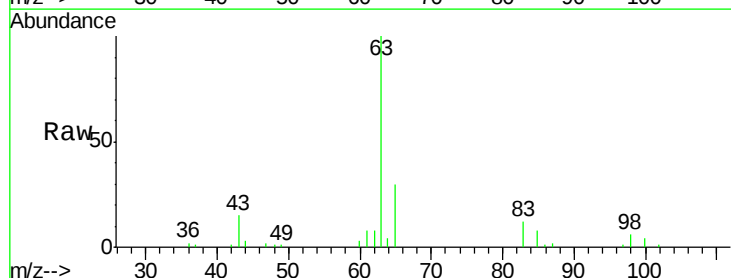
Tgt Ion: 63 Resp: 63700

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.7

100 3.6 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062996.D (-1228) (-)

5.80

25000

20000

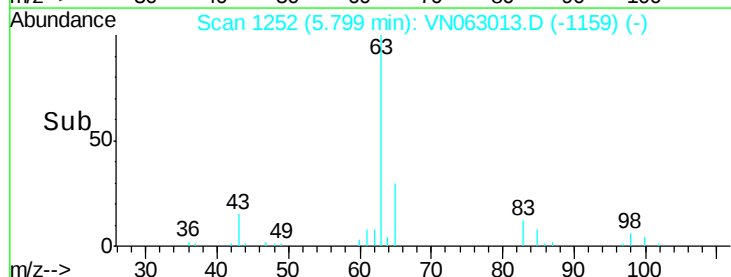
15000

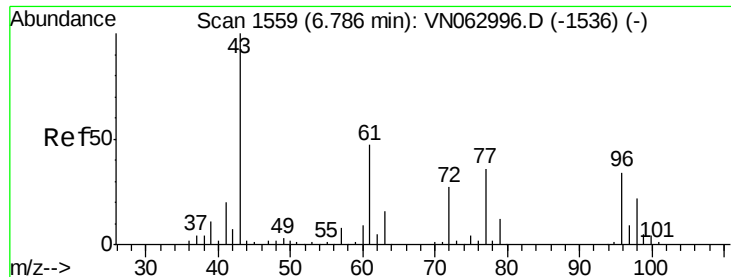
10000

5000

0

Time-->





#25

2-Butanone

Concen: 83.114 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

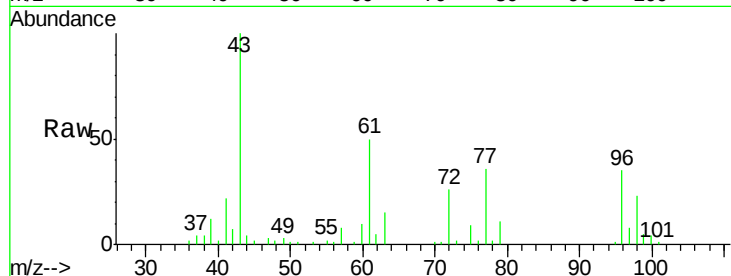
VN0819WBS01

Tgt Ion: 43 Resp: 96427

Ion Ratio Lower Upper

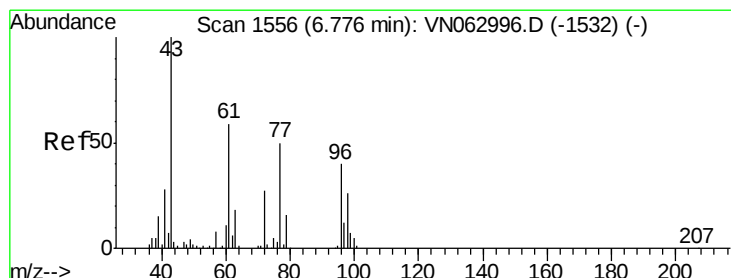
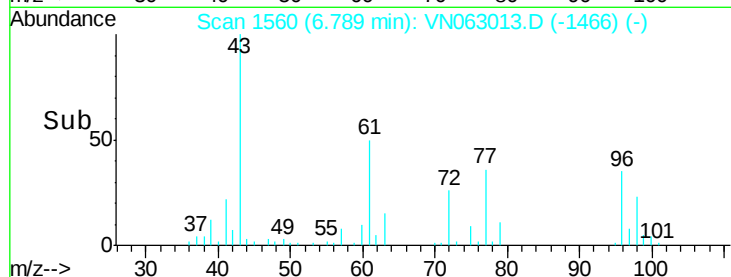
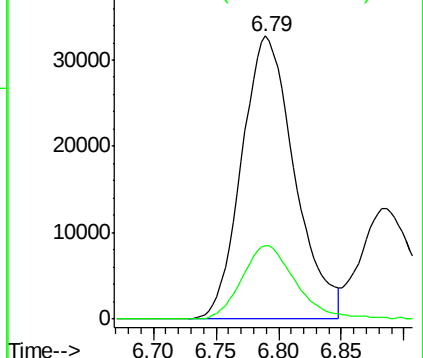
43 100

72 25.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 16.443 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN063013.D

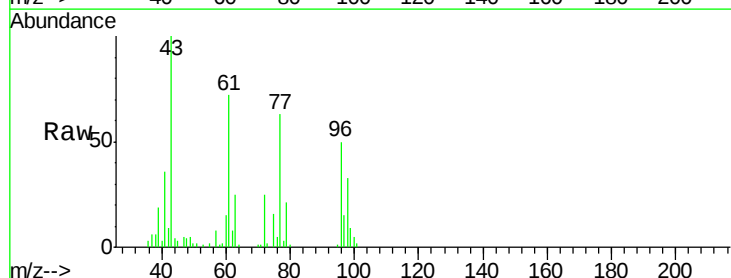
Acq: 19 Aug 2020 15:03

Tgt Ion: 77 Resp: 45253

Ion Ratio Lower Upper

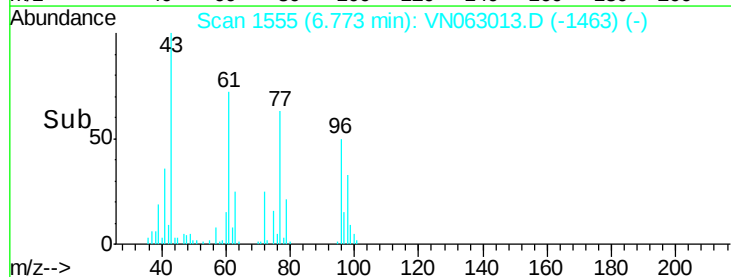
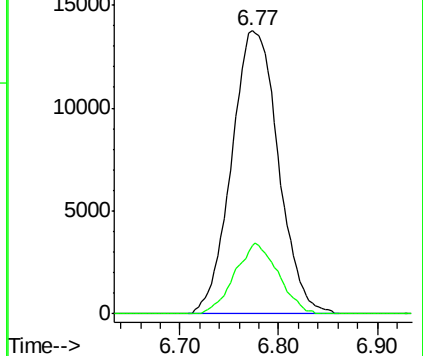
77 100

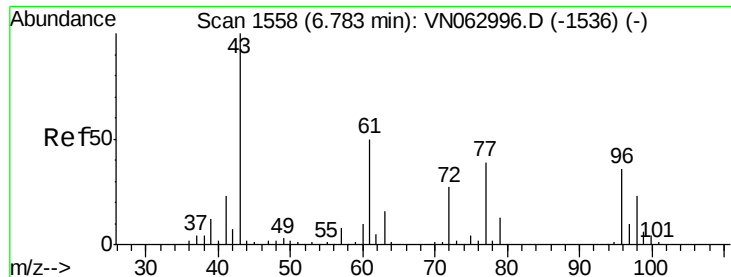
97 23.2 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

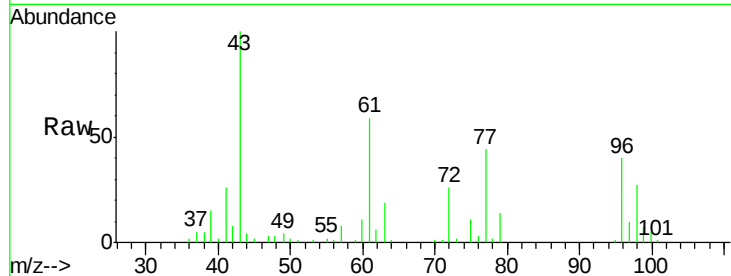




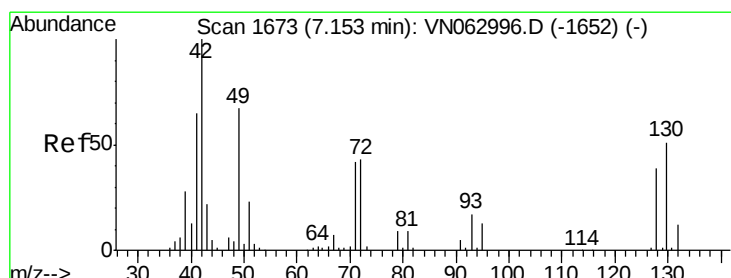
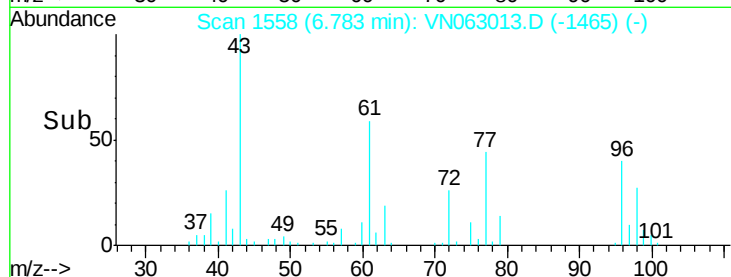
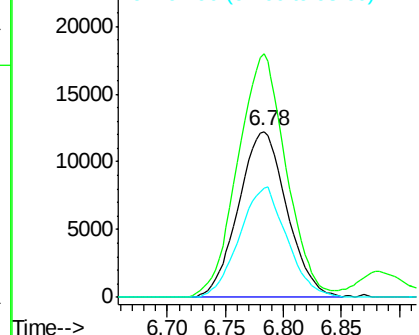
#27
 cis-1,2-Dichloroethene
 Concen: 17.318 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

Tgt Ion: 96 Resp: 35554
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 292.8
 98 65.1 0.0 130.6

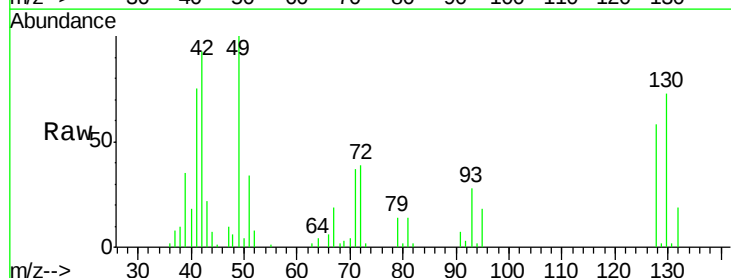


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

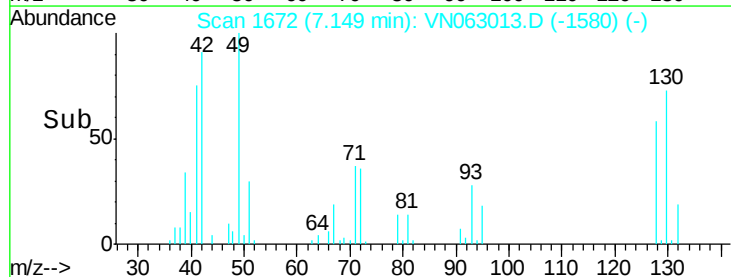
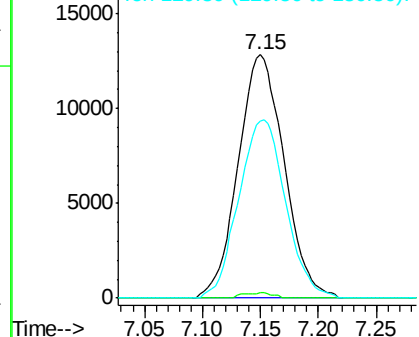


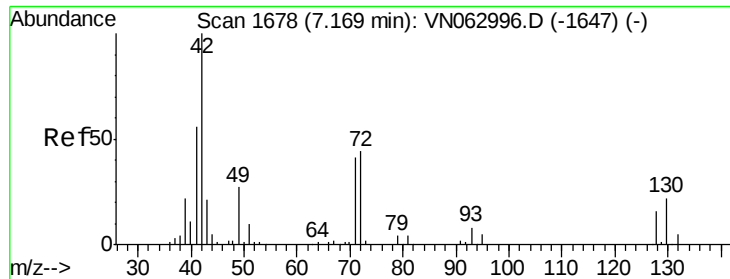
#28
 Bromochloromethane
 Concen: 19.333 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

Tgt Ion: 49 Resp: 35398
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.6
 130 74.7 61.1 91.7



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

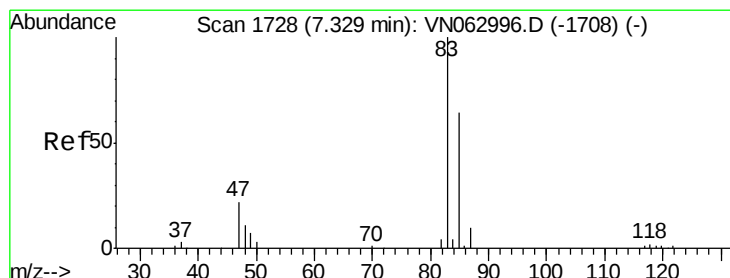
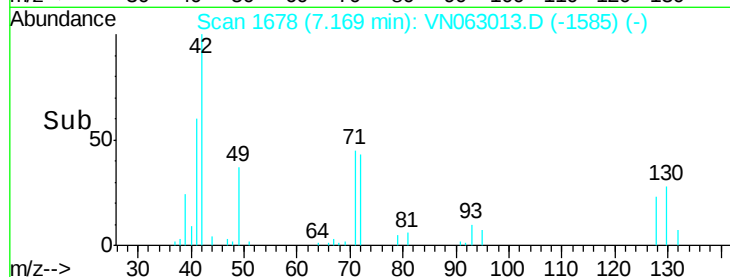
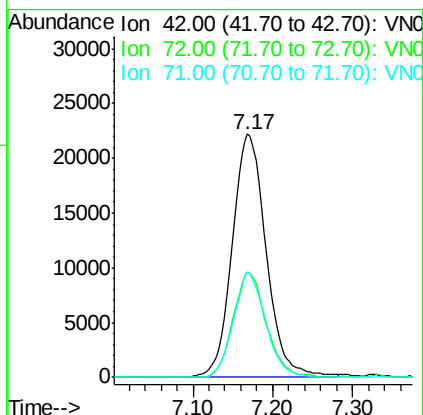
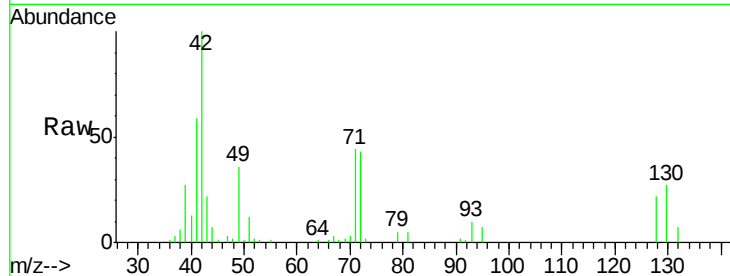




#29
Tetrahydrofuran
Concen: 85.390 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN063013.D
Acq: 19 Aug 2020 15:03

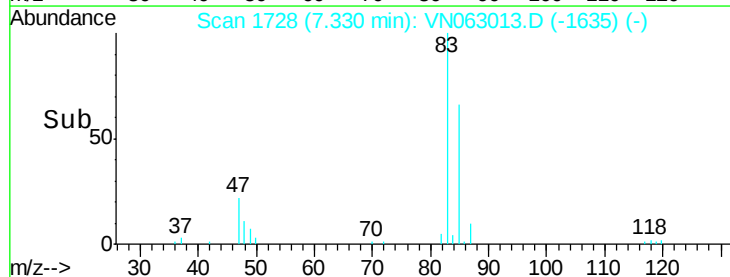
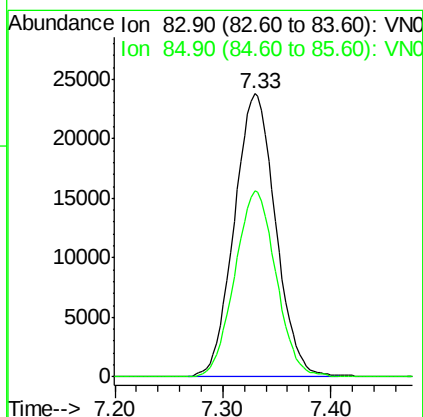
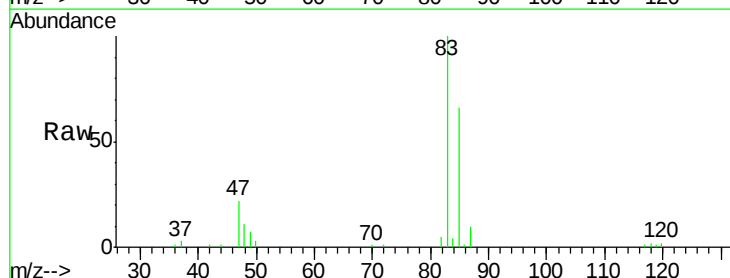
Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

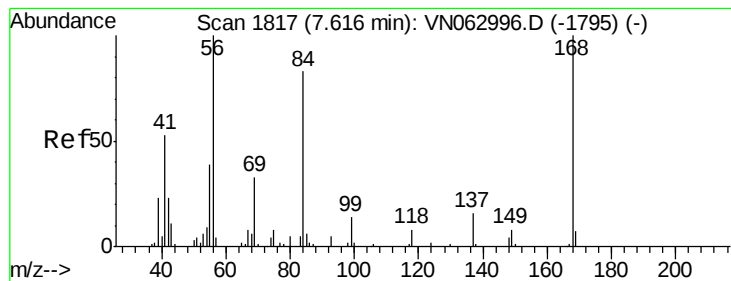
Tgt Ion: 42 Resp: 63938
Ion Ratio Lower Upper
42 100
72 41.6 34.6 52.0
71 40.5 32.3 48.5



#30
Chloroform
Concen: 18.005 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN063013.D
Acq: 19 Aug 2020 15:03

Tgt Ion: 83 Resp: 63455
Ion Ratio Lower Upper
83 100
85 65.8 51.5 77.3





#31

Cyclohexane

Concen: 16.983 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampled :

VN0819WBS01

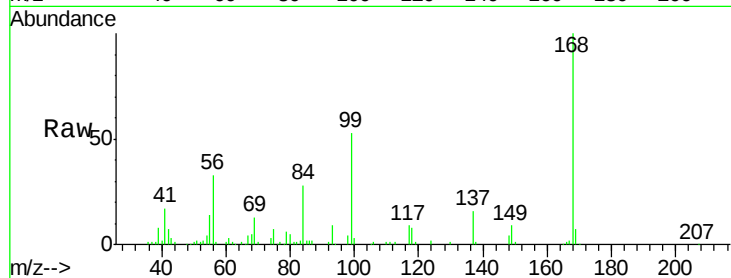
Tgt Ion: 56 Resp: 54699

Ion Ratio Lower Upper

56 100

69 38.3 26.6 40.0

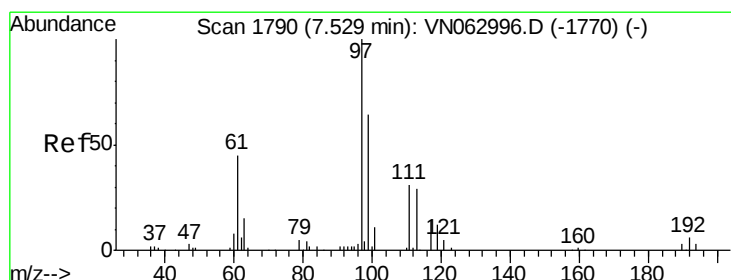
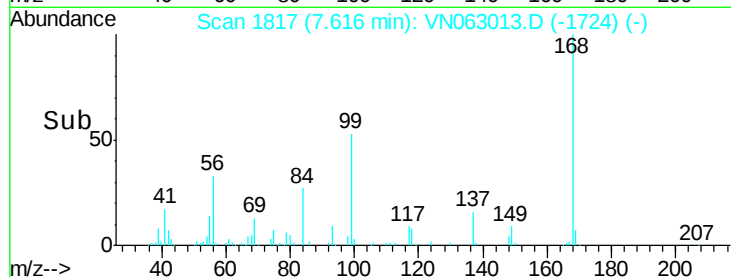
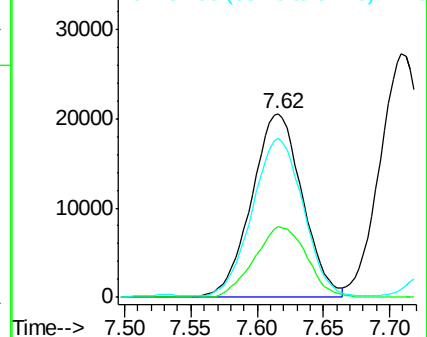
84 85.5 66.4 99.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.359 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

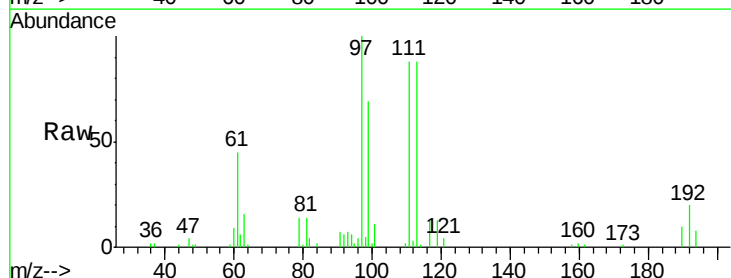
Tgt Ion: 97 Resp: 49946

Ion Ratio Lower Upper

97 100

99 65.5 52.0 78.0

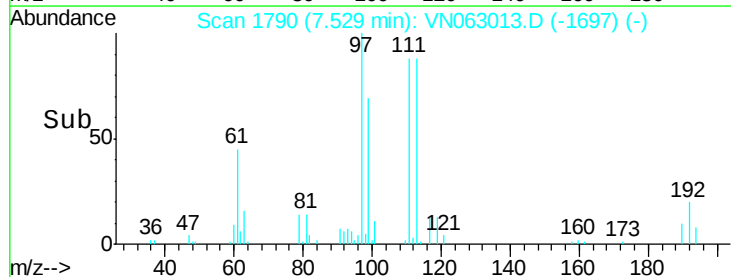
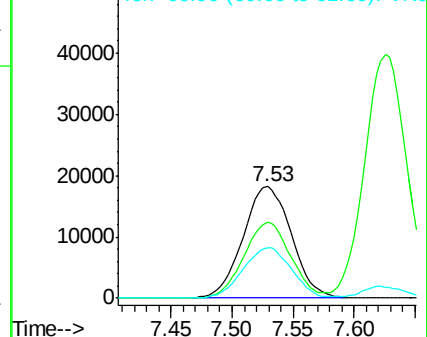
61 45.3 36.2 54.4



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

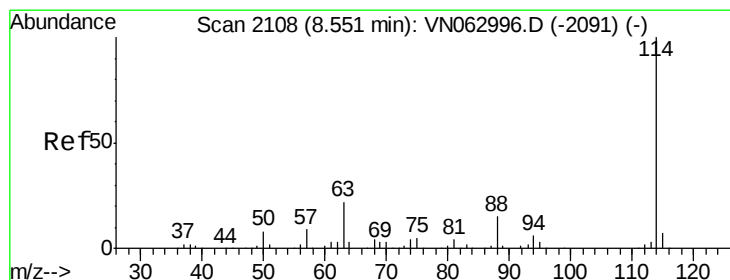
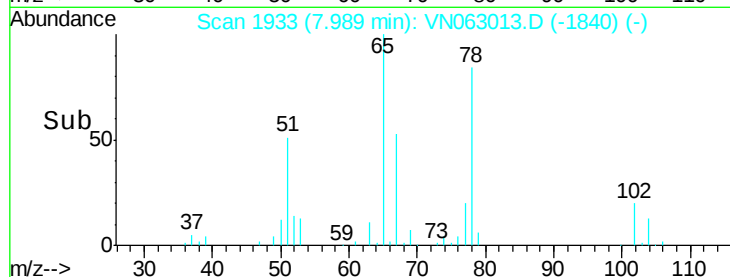
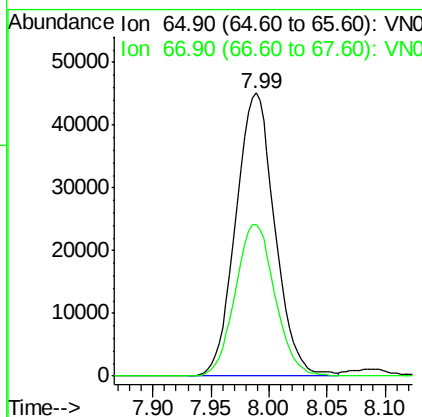
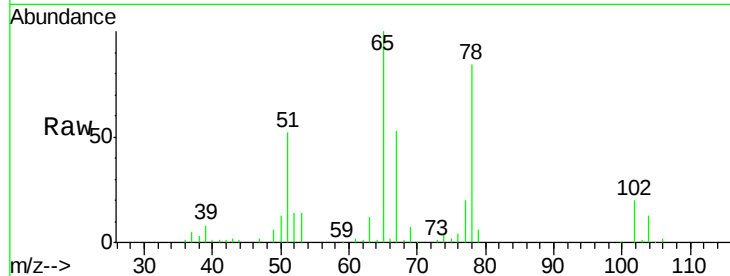




#33
 1,2-Dichloroethane-d4
 Concen: 48.399 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

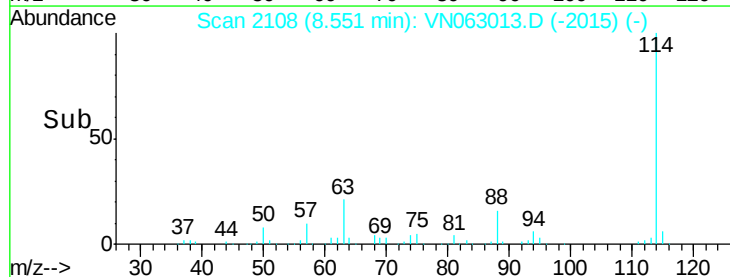
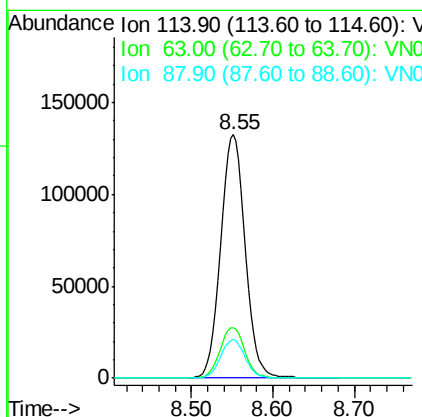
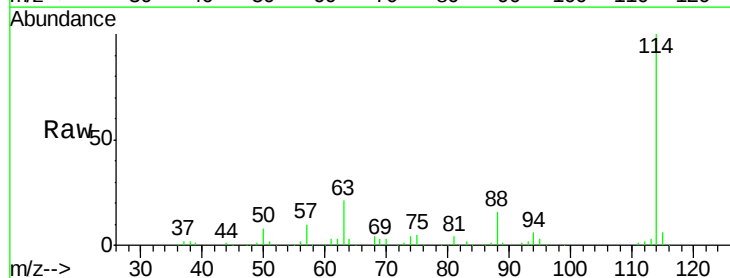
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

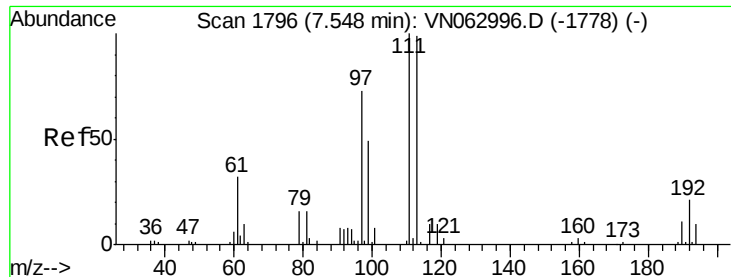
Tgt Ion: 65 Resp: 105767
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

Tgt Ion: 114 Resp: 282832
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.2
 88 15.8 0.0 30.6

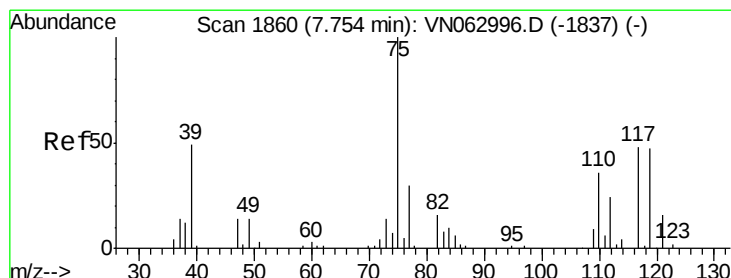
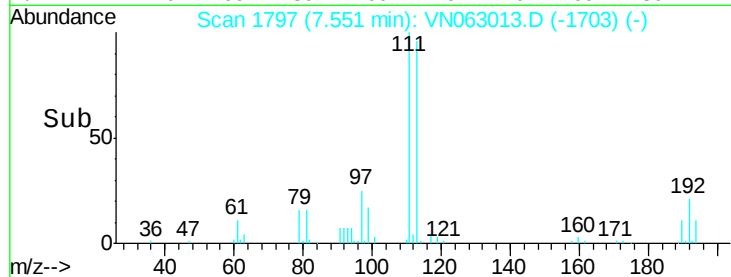
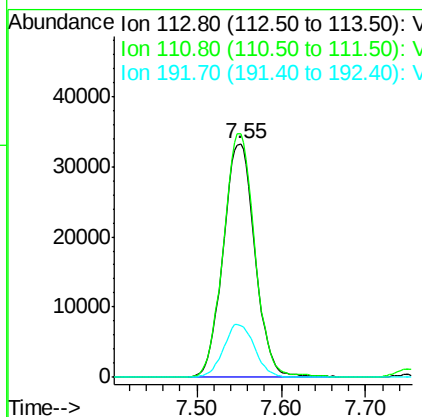
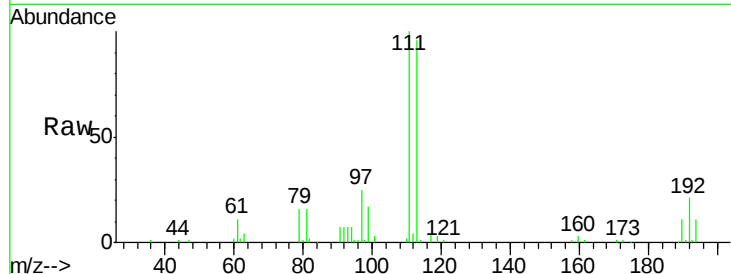




#35
 Dibromofluoromethane
 Concen: 47.402 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

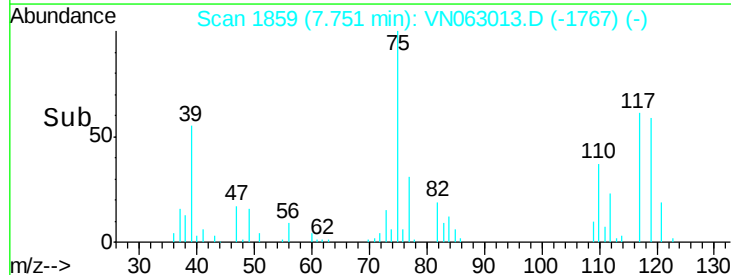
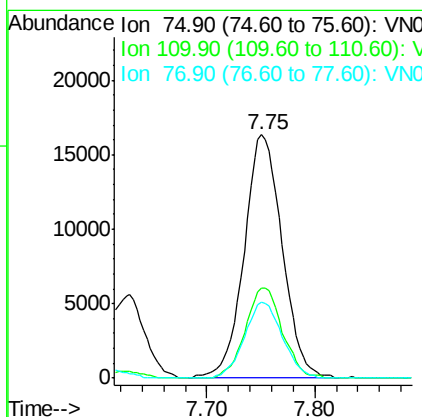
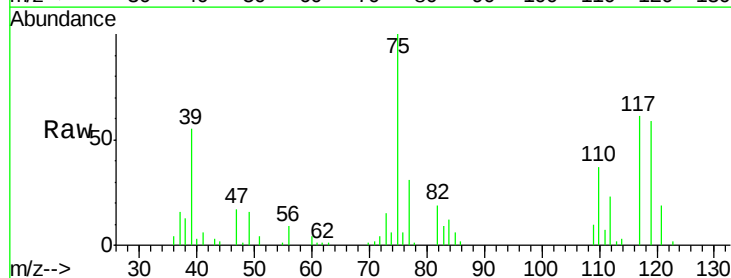
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

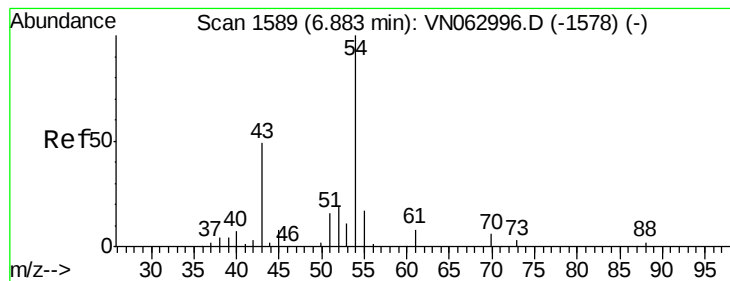
Tgt Ion: 113 Resp: 87359
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 22.1 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 16.058 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

Tgt Ion: 75 Resp: 40025
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.5 52.6
 77 31.1 24.2 36.4





#37

Ethyl Acetate

Concen: 15.941 ug/l

RT: 6.89 min Scan# 1590

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampled :

VN0819WBS01

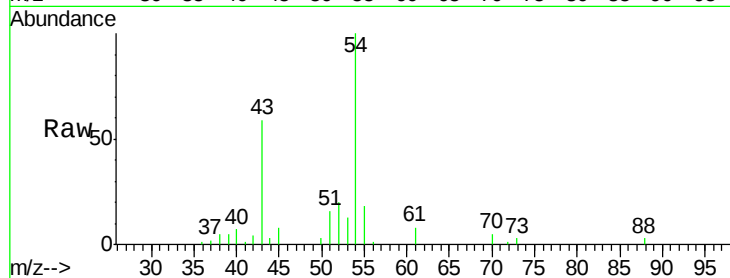
Tgt Ion: 43 Resp: 37229

Ion Ratio Lower Upper

43 100

61 15.1 11.8 17.8

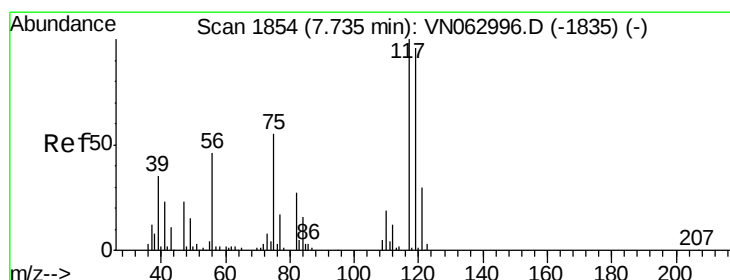
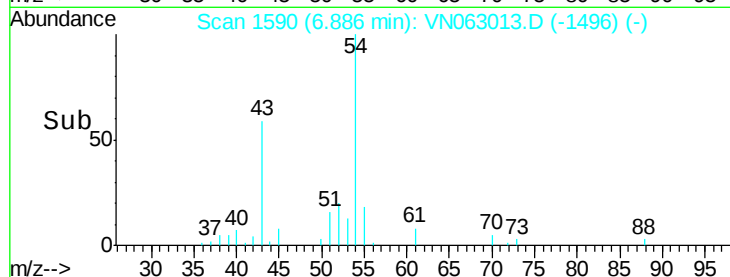
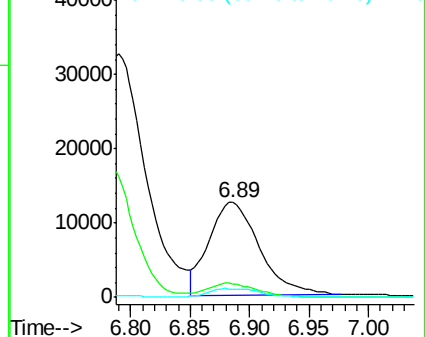
70 9.5 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1578) (-)

Ion 60.90 (60.60 to 61.60): VN062996.D (-1578) (-)

Ion 70.00 (69.70 to 70.70): VN062996.D (-1578) (-)



#38

Carbon Tetrachloride

Concen: 16.893 ug/l

RT: 7.73 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

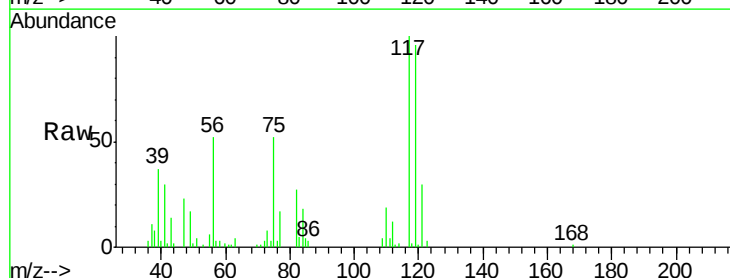
Tgt Ion: 117 Resp: 42508

Ion Ratio Lower Upper

117 100

119 95.6 76.2 114.4

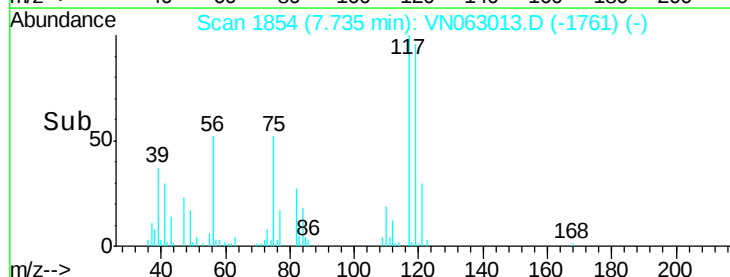
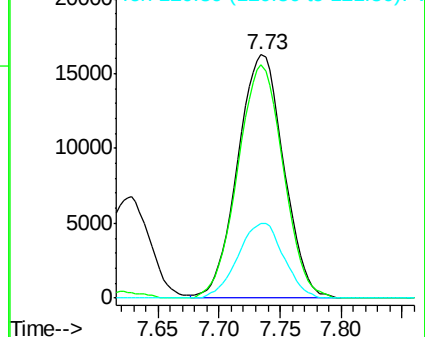
121 30.4 24.2 36.2

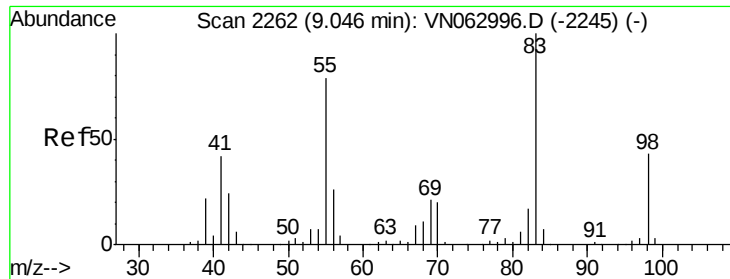


Abundance Ion 116.80 (116.50 to 117.50): VN062996.D (-1835) (-)

Ion 118.80 (118.50 to 119.50): VN062996.D (-1835) (-)

Ion 120.80 (120.50 to 121.50): VN062996.D (-1835) (-)

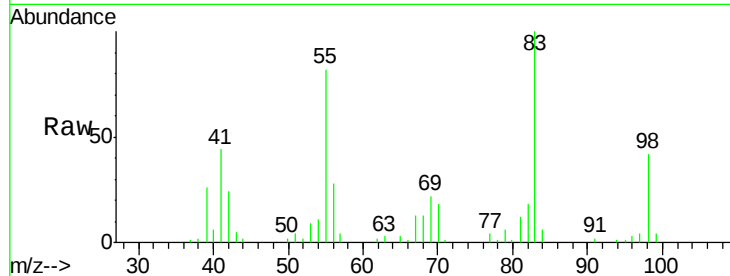




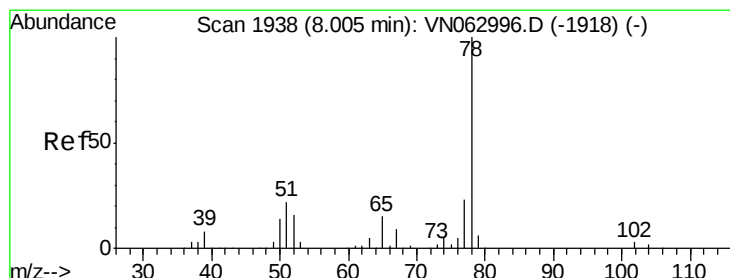
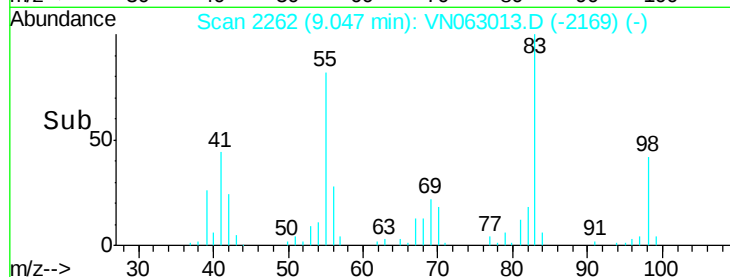
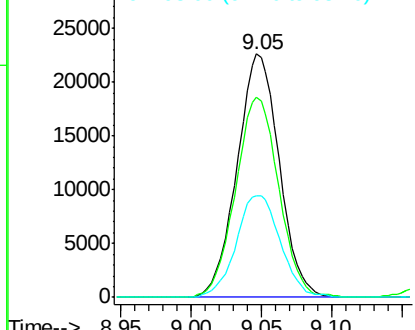
#39
Methylcyclohexane
Concen: 15.188 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN063013.D
Acq: 19 Aug 2020 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

Tgt Ion: 83 Resp: 47331
Ion Ratio Lower Upper
83 100
55 82.2 63.3 94.9
98 41.8 34.2 51.4

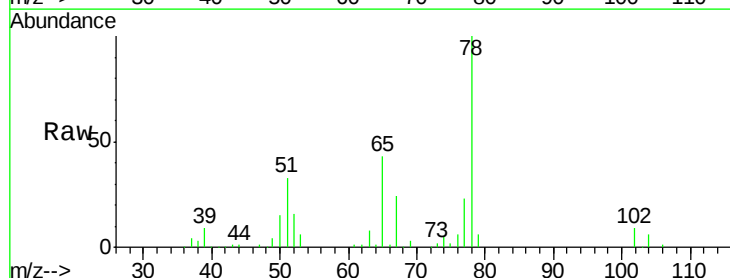


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

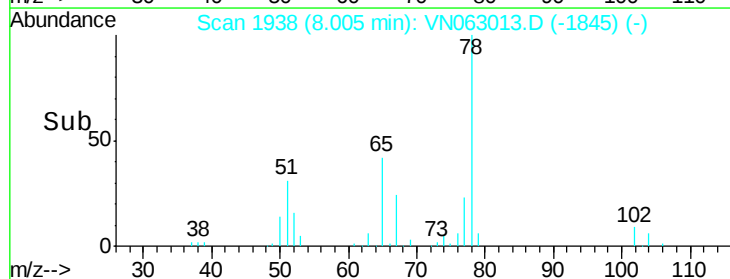
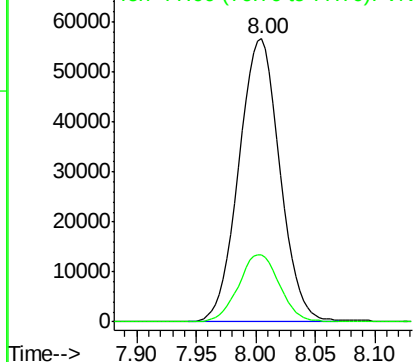


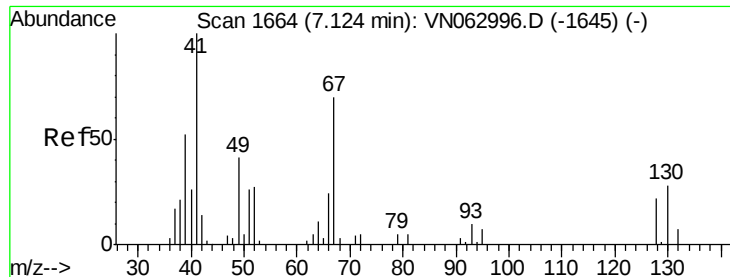
#40
Benzene
Concen: 17.111 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN063013.D
Acq: 19 Aug 2020 15:03

Tgt Ion: 78 Resp: 135267
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



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





#41

Methacrylonitrile

Concen: 15.933 ug/l

RT: 7.12 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS01

Tgt Ion: 41 Resp: 17729

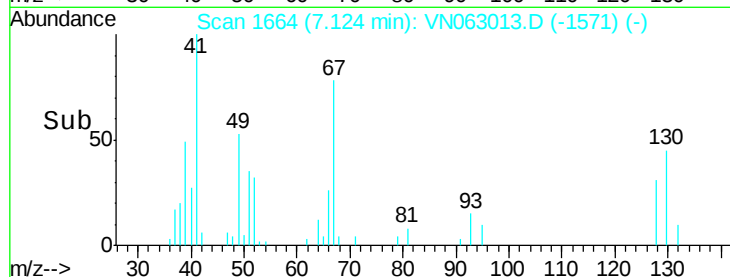
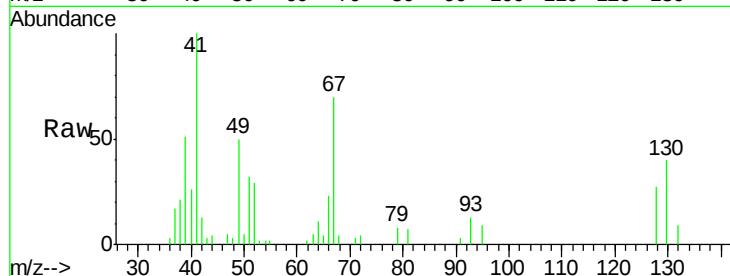
Ion Ratio Lower Upper

41 100

39 50.2 41.6 62.4

67 93.5 71.8 107.8

52 37.9 28.2 42.4

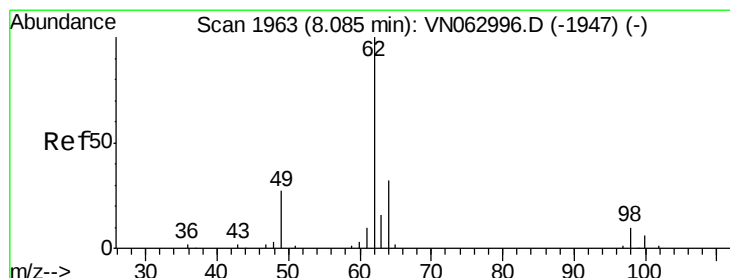
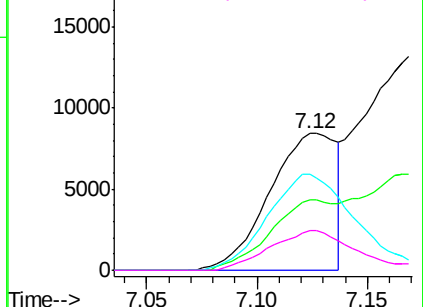


Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 17.712 ug/l

RT: 8.09 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VN063013.D

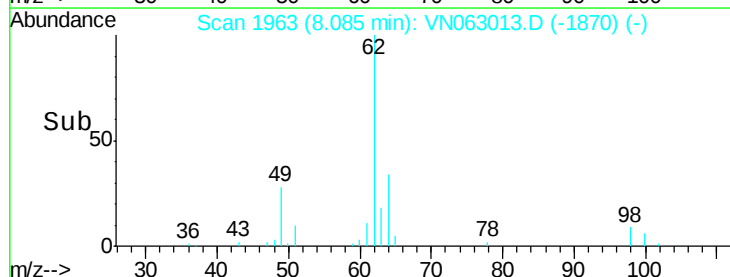
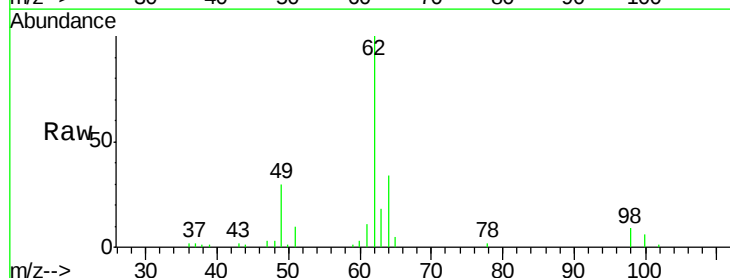
Acq: 19 Aug 2020 15:03

Tgt Ion: 62 Resp: 47014

Ion Ratio Lower Upper

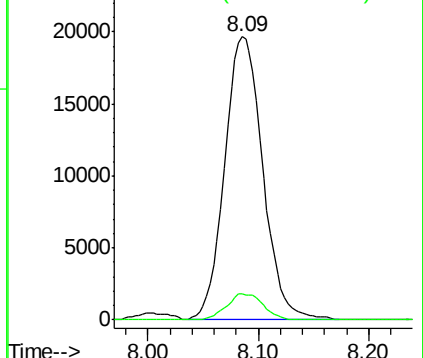
62 100

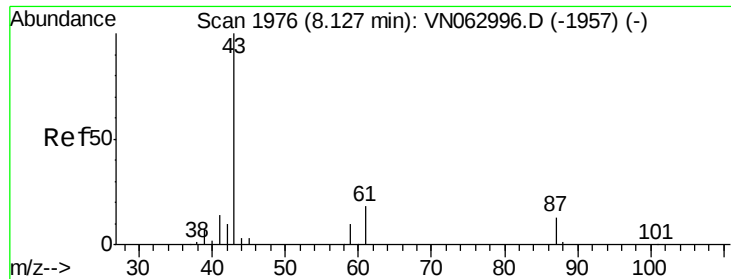
98 8.9 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 16.492 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS01

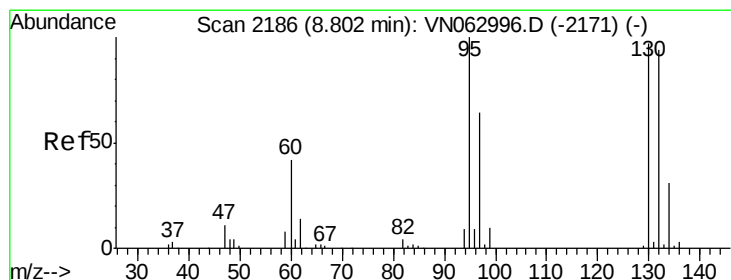
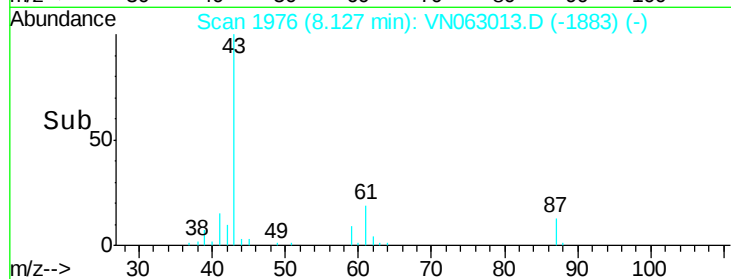
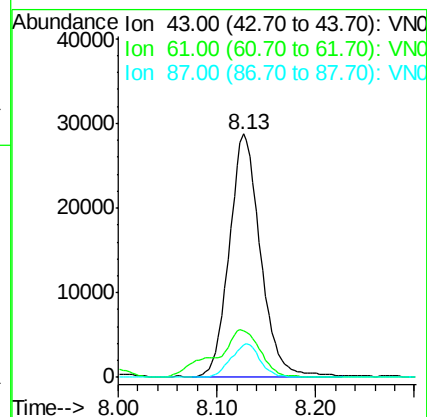
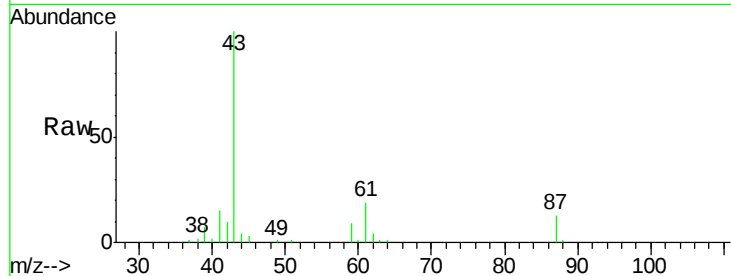
Tgt Ion: 43 Resp: 63812

Ion Ratio Lower Upper

43 100

61 27.8 22.6 33.8

87 12.6 10.5 15.7



#44

Trichloroethene

Concen: 16.809 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN063013.D

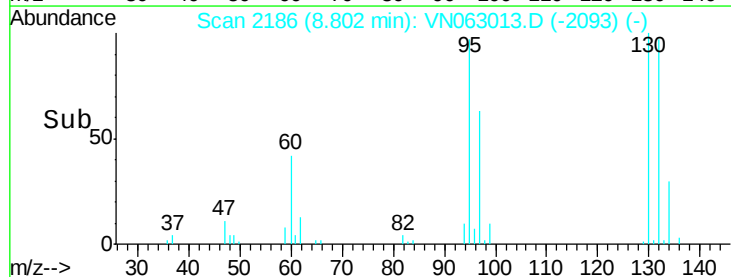
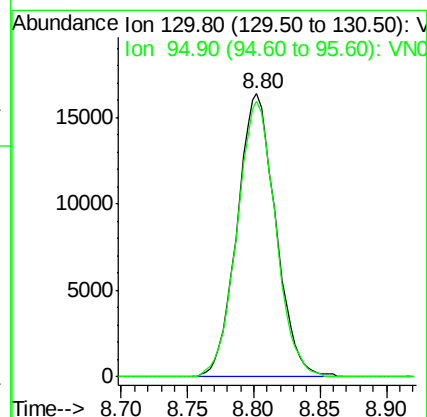
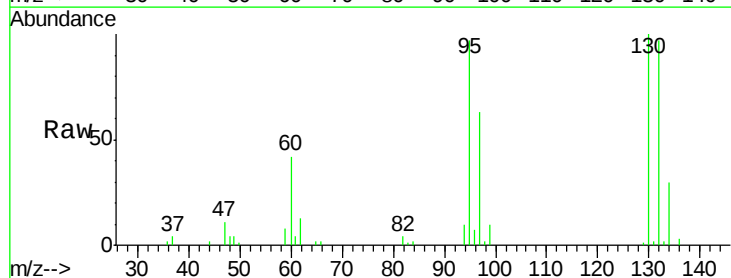
Acq: 19 Aug 2020 15:03

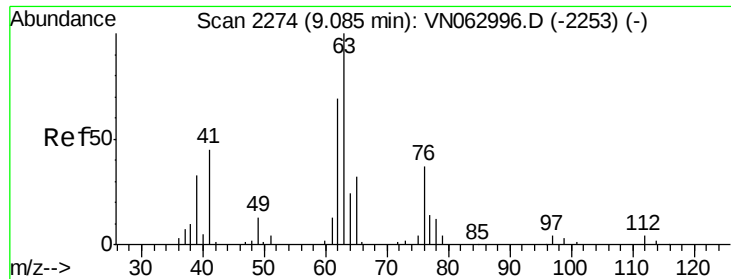
Tgt Ion: 130 Resp: 33052

Ion Ratio Lower Upper

130 100

95 97.3 0.0 205.6





#45

1,2-Dichloropropane

Concen: 17.578 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

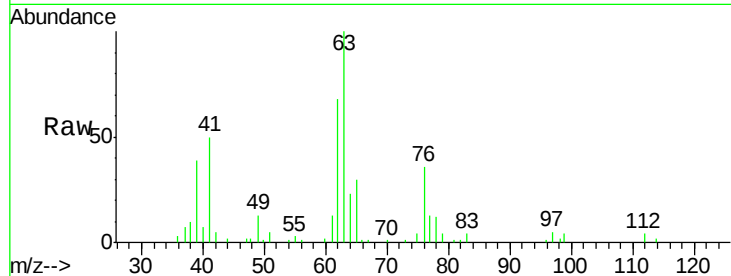
VN0819WBS01

Tgt Ion: 63 Resp: 40167

Ion Ratio Lower Upper

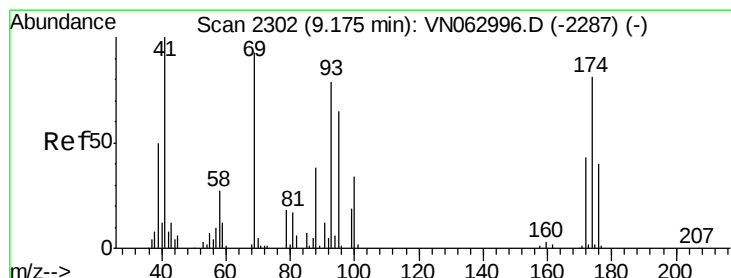
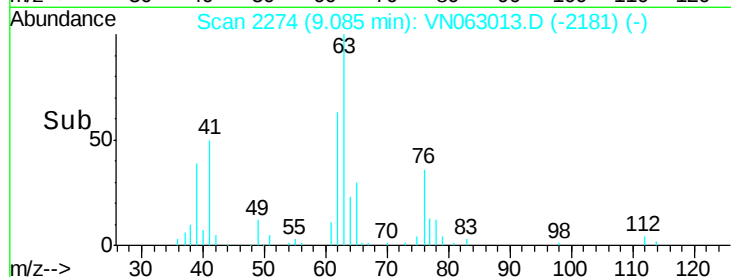
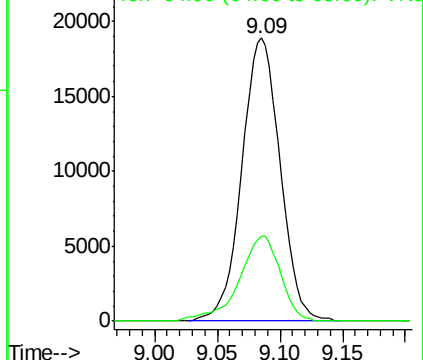
63 100

65 30.1 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 17.936 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

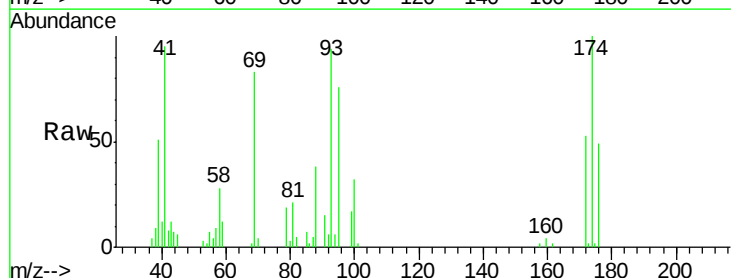
Tgt Ion: 93 Resp: 23677

Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

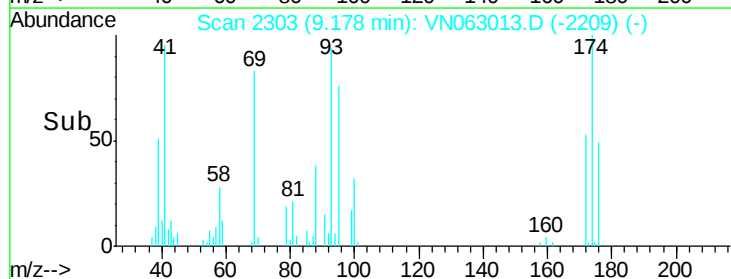
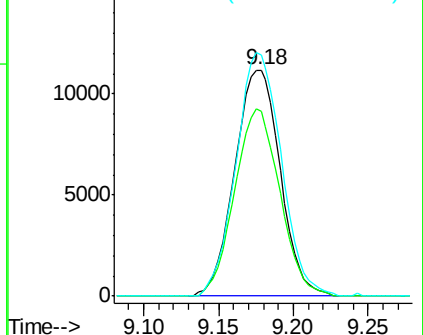
174 107.5 84.6 127.0

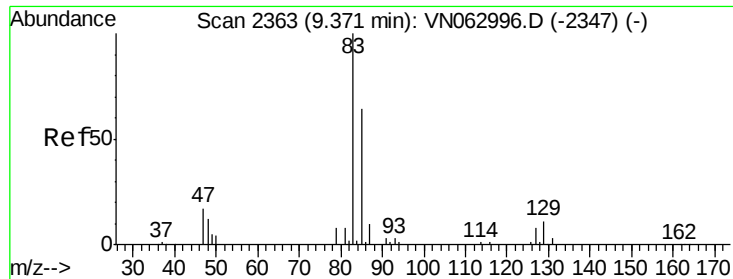


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

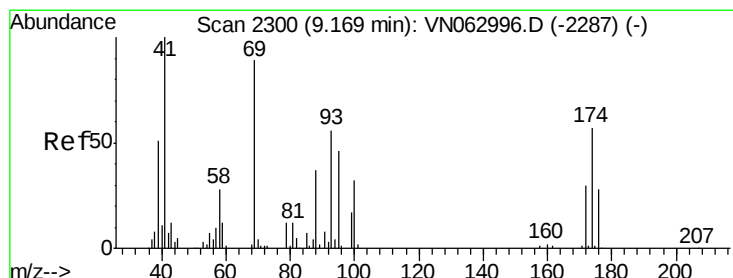
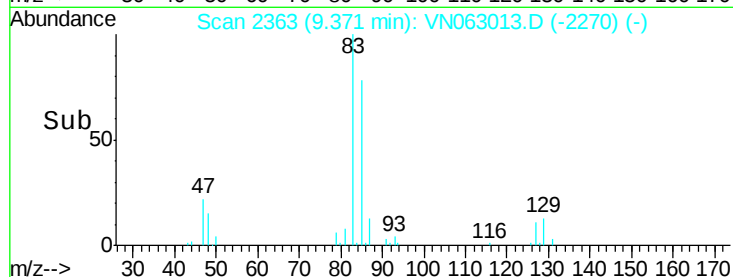
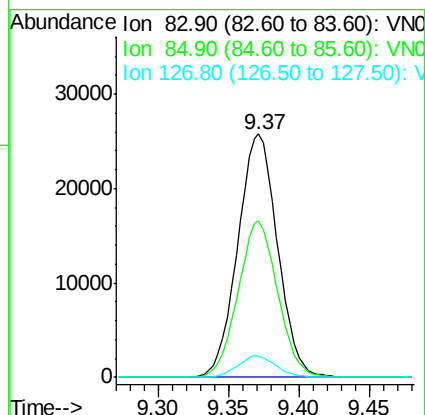
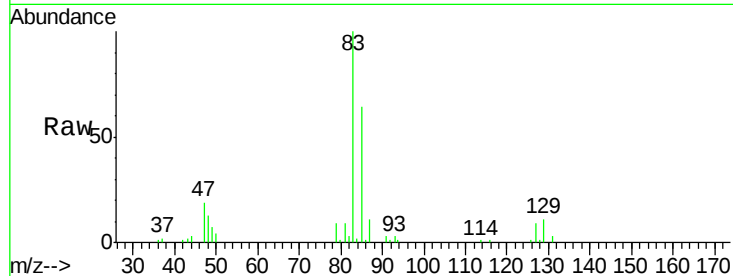




#47
Bromodichloromethane
Concen: 17.601 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. 0.00 min
Lab File: VN063013.D
Acq: 19 Aug 2020 15:03

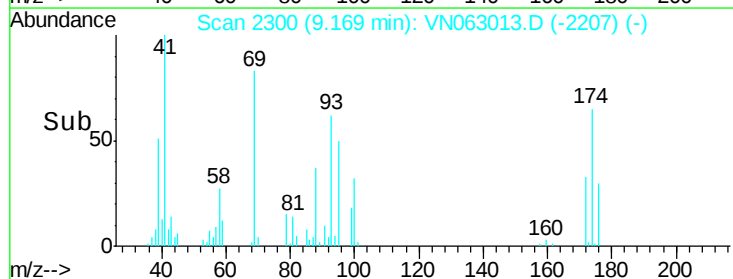
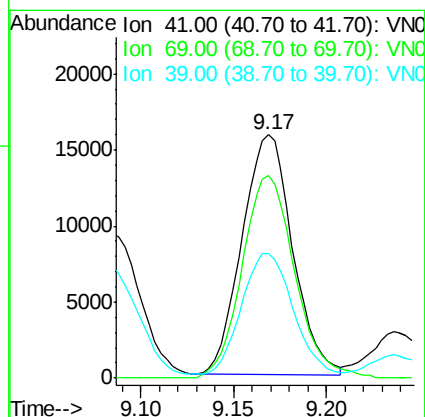
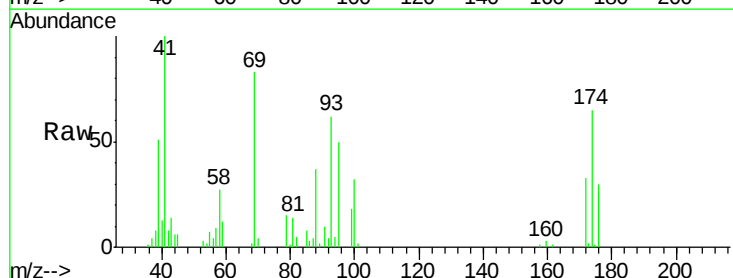
Instrument :
MSVOA_N
ClientSampled :
VN0819WBS01

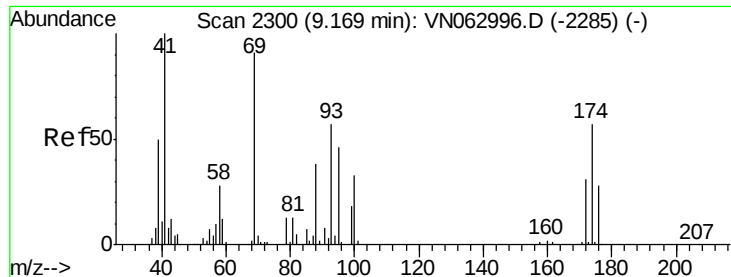
Tgt Ion: 83 Resp: 50889
Ion Ratio Lower Upper
83 100
85 64.2 51.1 76.7
127 8.8 6.6 9.8



#48
Methyl methacrylate
Concen: 16.345 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063013.D
Acq: 19 Aug 2020 15:03

Tgt Ion: 41 Resp: 29923
Ion Ratio Lower Upper
41 100
69 88.0 74.2 111.4
39 55.5 42.5 63.7

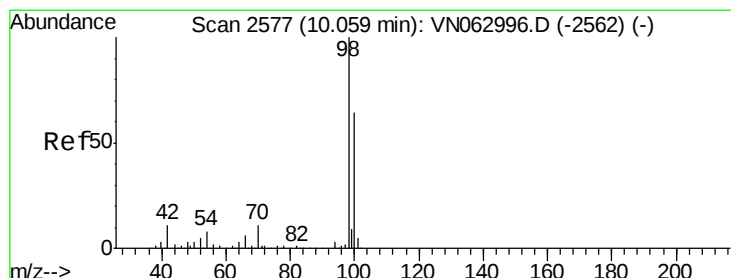
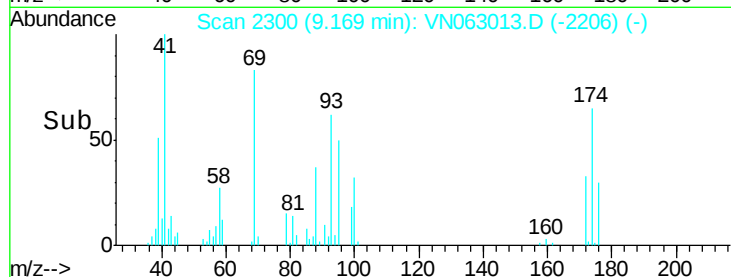
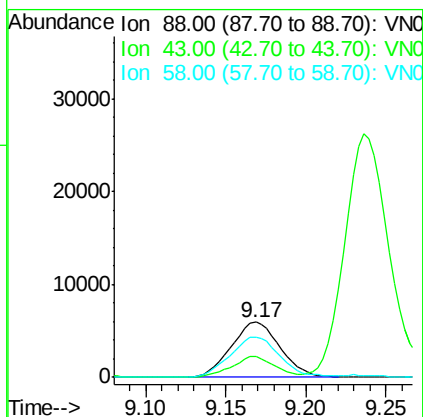
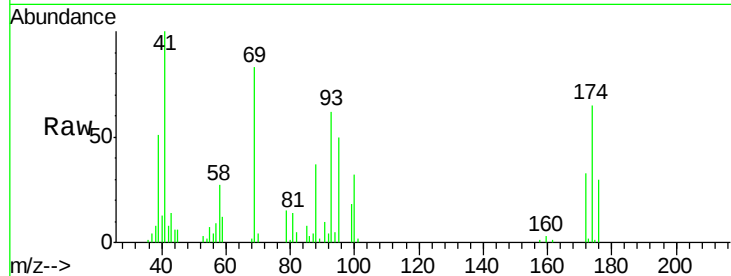




#49
 1,4-Dioxane
 Concen: 318.710 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

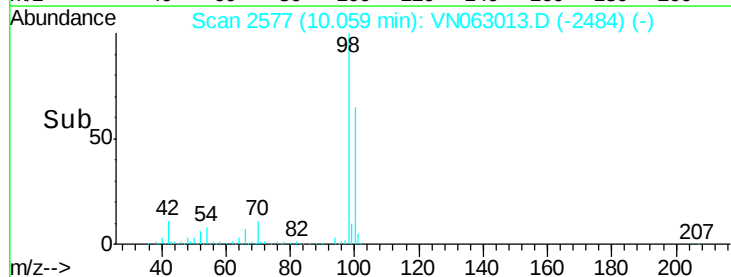
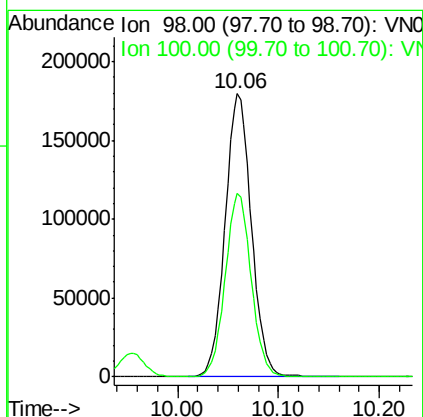
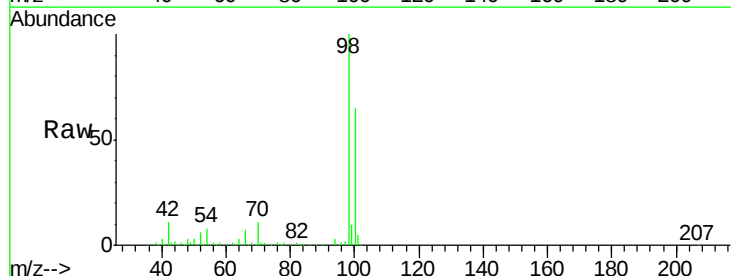
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

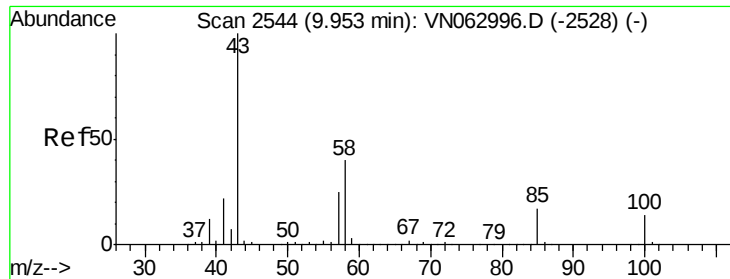
Tgt Ion: 88 Resp: 12413
 Ion Ratio Lower Upper
 88 100
 43 33.2 25.2 37.8
 58 75.1 56.7 85.1



#50
 Toluene-d8
 Concen: 46.231 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

Tgt Ion: 98 Resp: 327256
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.2 76.8

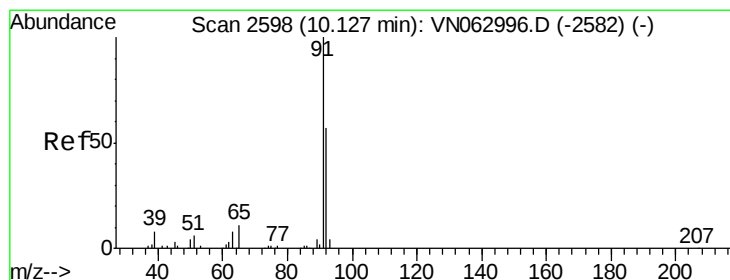
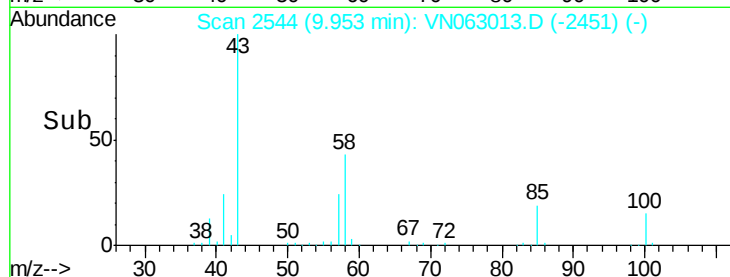
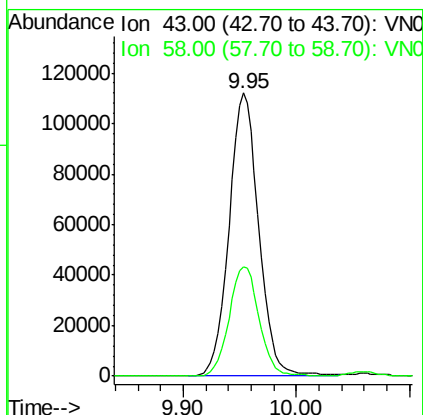
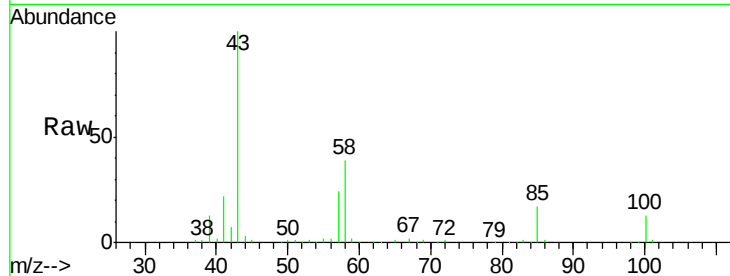




#51
 4-Methyl-2-Pentanone
 Concen: 83.443 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

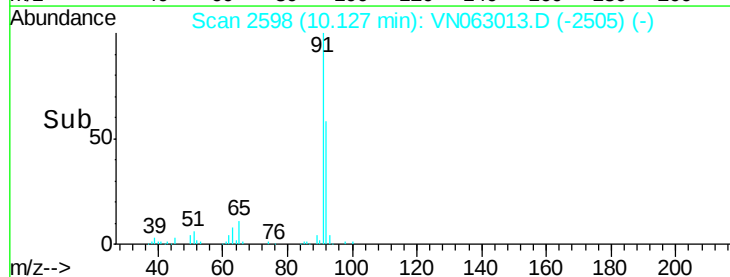
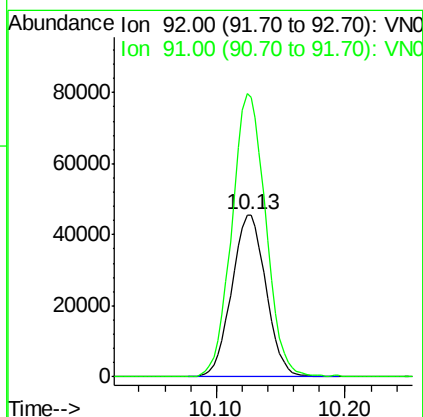
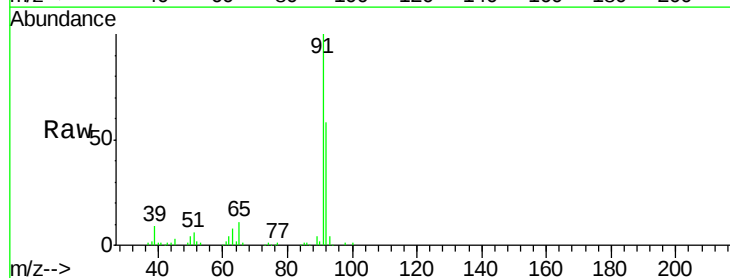
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

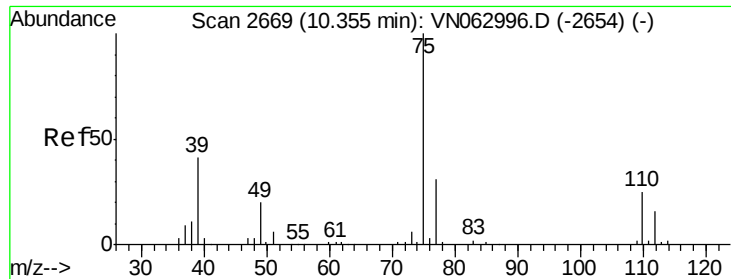
Tgt Ion: 43 Resp: 204071
 Ion Ratio Lower Upper
 43 100
 58 39.2 32.2 48.2



#52
 Toluene
 Concen: 17.641 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

Tgt Ion: 92 Resp: 84125
 Ion Ratio Lower Upper
 92 100
 91 172.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 16.811 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

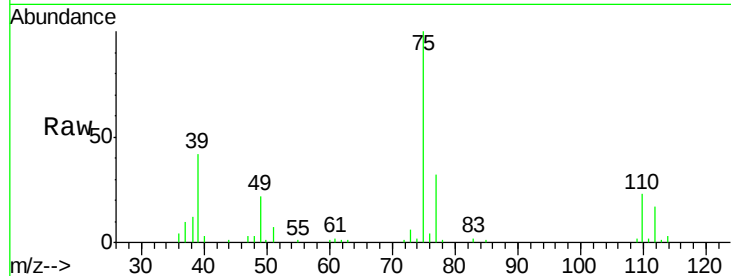
VN0819WBS01

Tgt Ion: 75 Resp: 50265

Ion Ratio Lower Upper

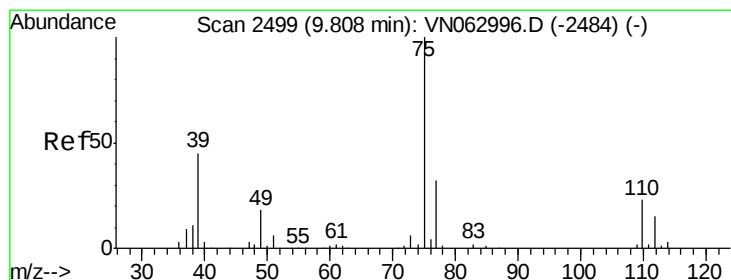
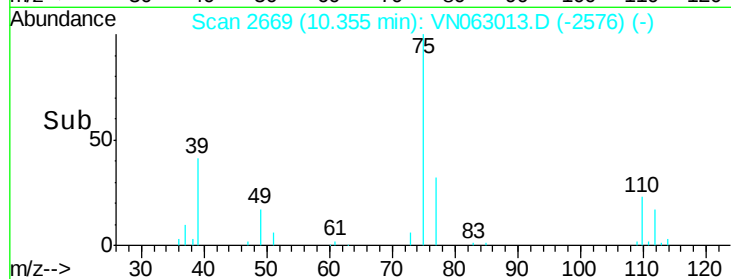
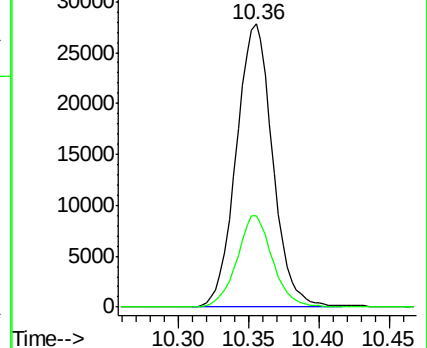
75 100

77 32.5 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 16.600 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

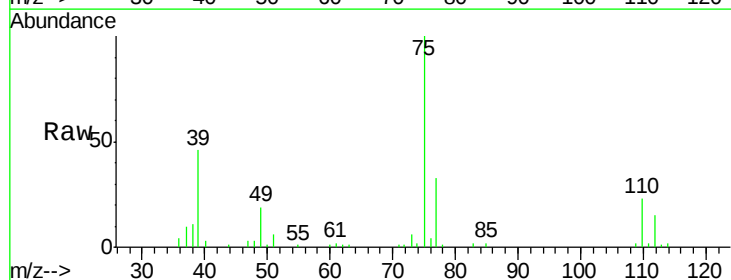
Tgt Ion: 75 Resp: 54445

Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.2

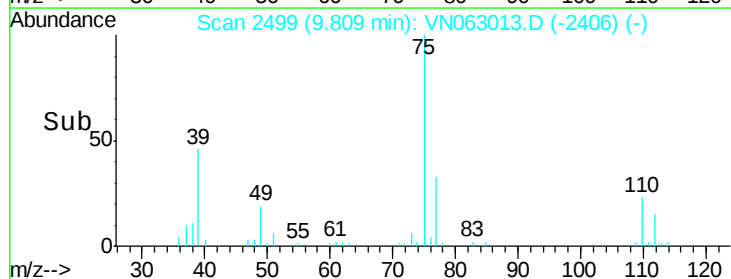
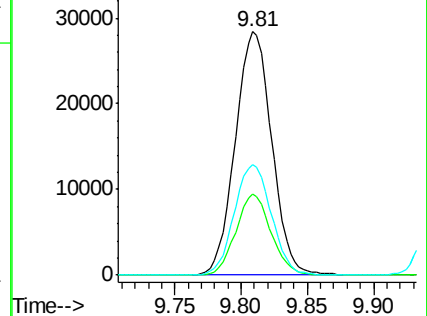
39 45.5 35.7 53.5

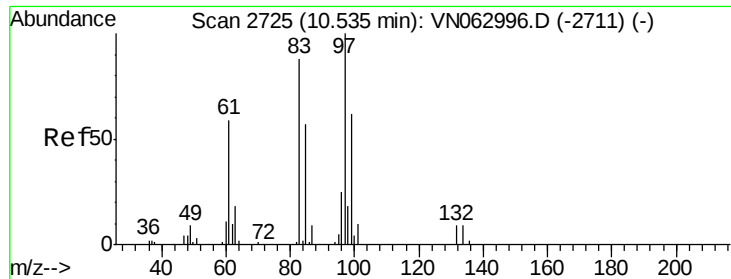


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 17.842 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS01

Tgt Ion: 97 Resp: 36380

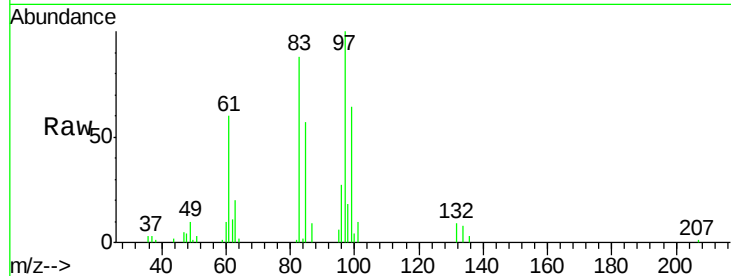
Ion Ratio Lower Upper

97 100

83 88.2 70.5 105.7

85 57.2 45.8 68.6

99 63.9 49.7 74.5



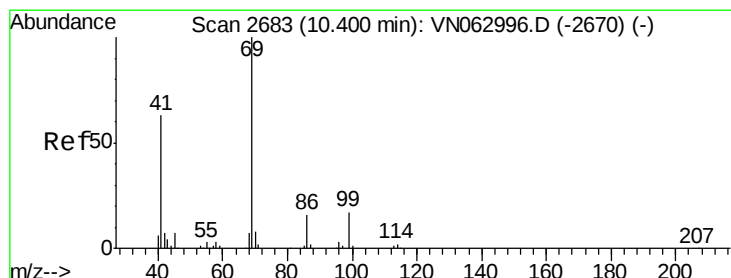
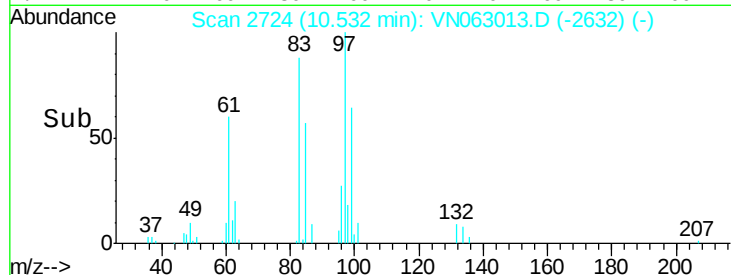
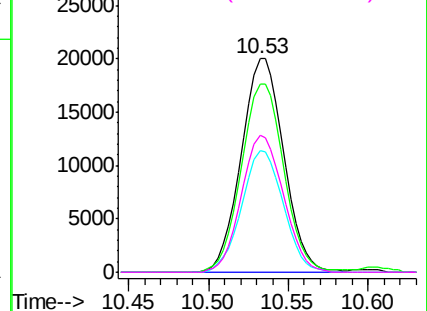
Abundance

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: 15.598 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

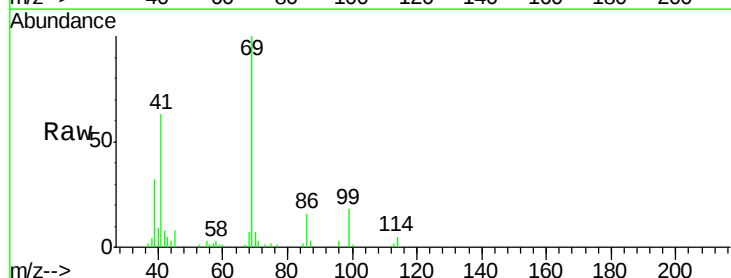
Tgt Ion: 69 Resp: 45213

Ion Ratio Lower Upper

69 100

41 65.4 50.2 75.2

39 31.3 24.2 36.4

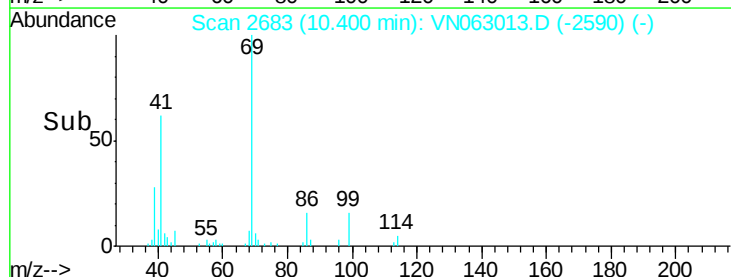
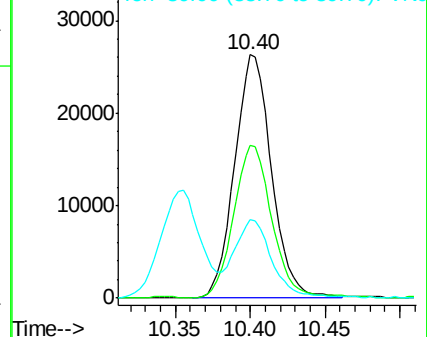


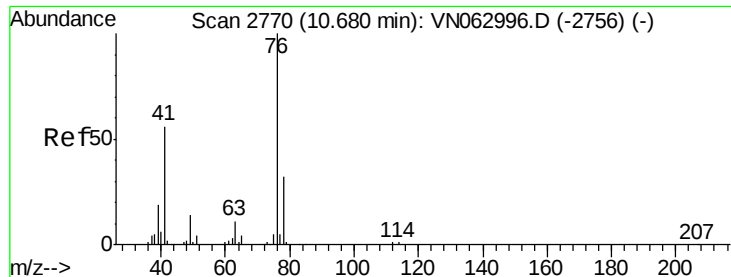
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

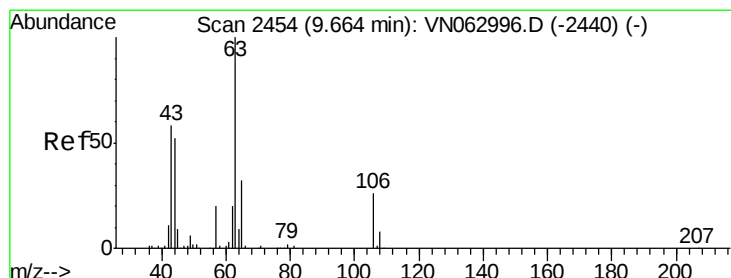
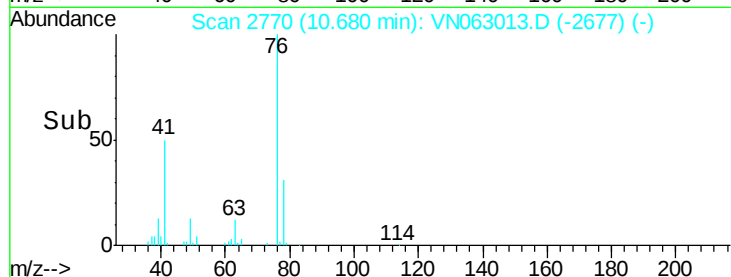
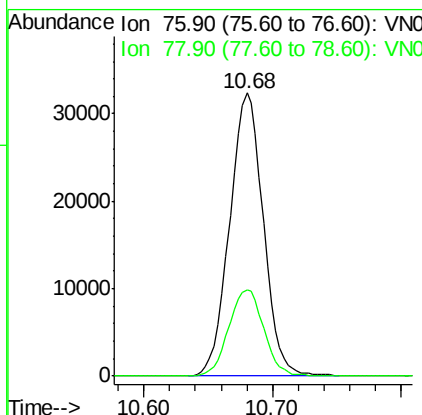
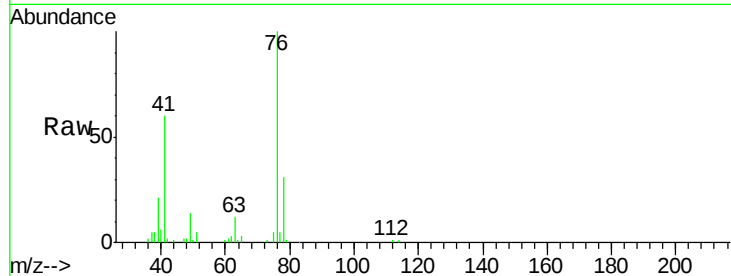




#57
 1,3-Dichloropropane
 Concen: 17.341 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

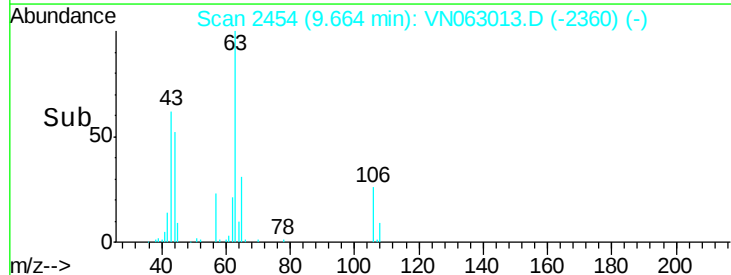
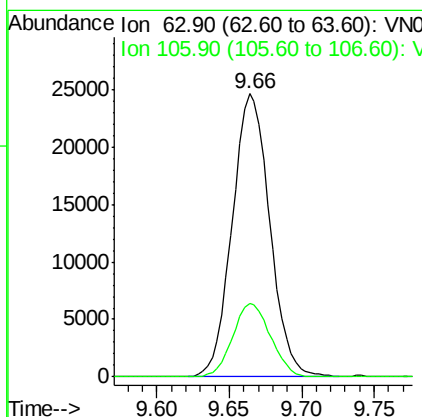
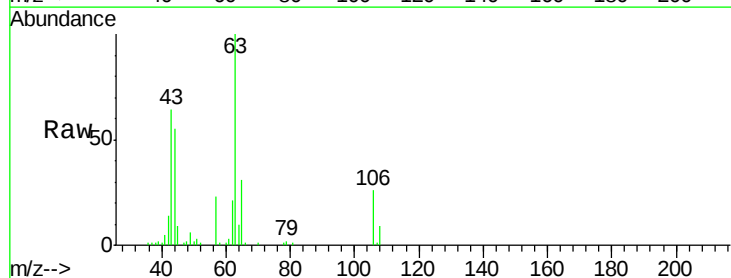
Instrument :
 MSVOA_N
 ClientSampled :
 VN0819WBS01

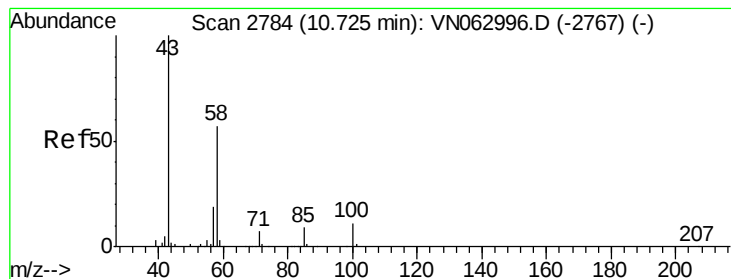
Tgt Ion: 76 Resp: 58717
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 67.332 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

Tgt Ion: 63 Resp: 44377
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.7 31.1





#59

2-Hexanone

Concen: 81.241 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

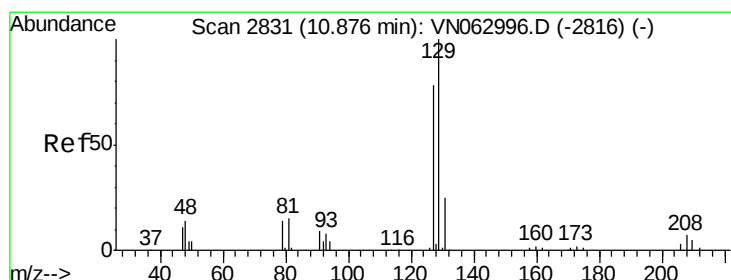
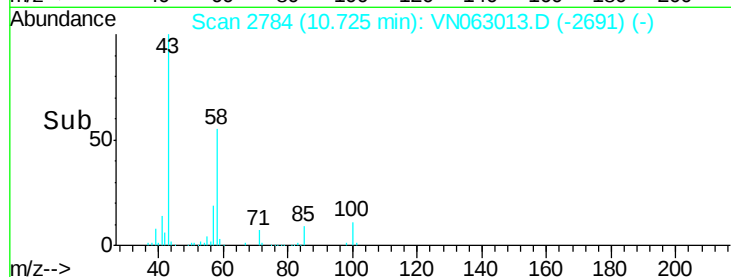
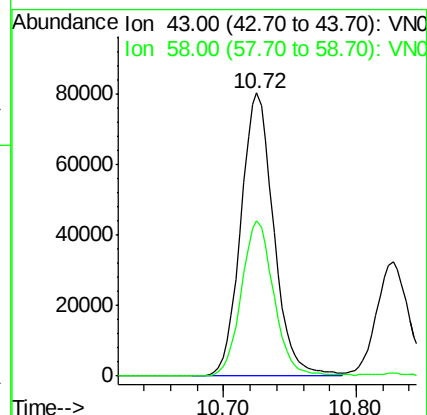
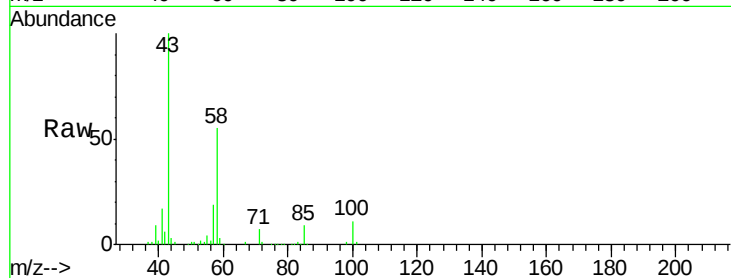
VN0819WBS01

Tgt Ion: 43 Resp: 138589

Ion Ratio Lower Upper

43 100

58 54.3 28.1 84.3



#60

Dibromochloromethane

Concen: 16.888 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. -0.00 min

Lab File: VN063013.D

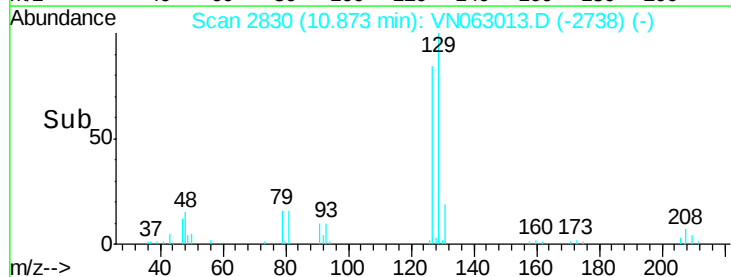
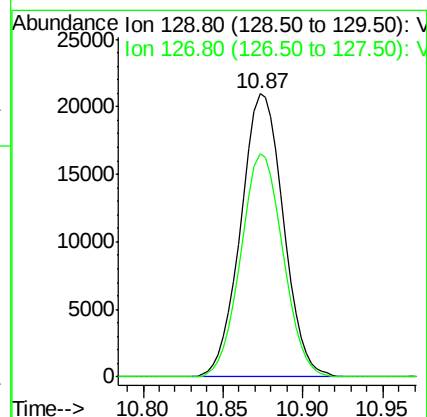
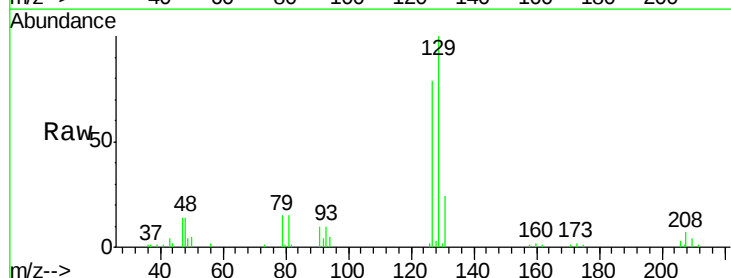
Acq: 19 Aug 2020 15:03

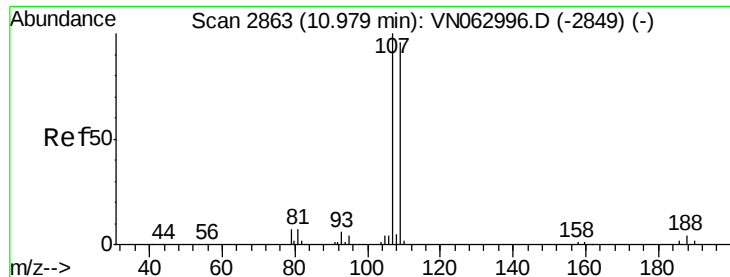
Tgt Ion: 129 Resp: 38108

Ion Ratio Lower Upper

129 100

127 77.9 38.4 115.2

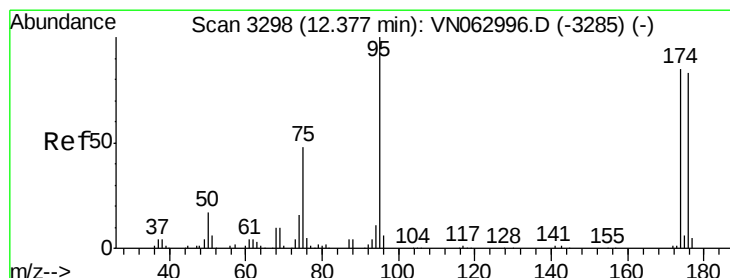
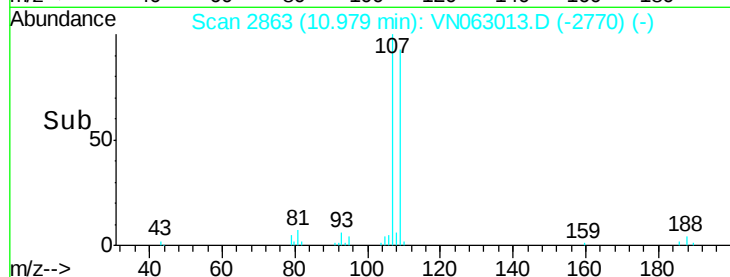
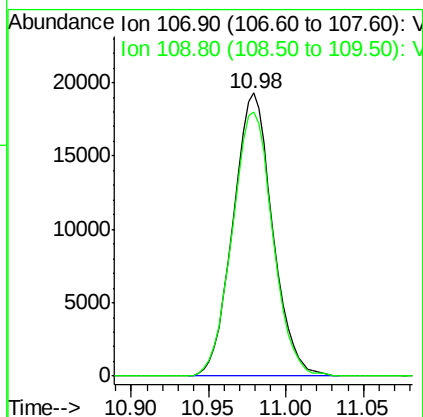
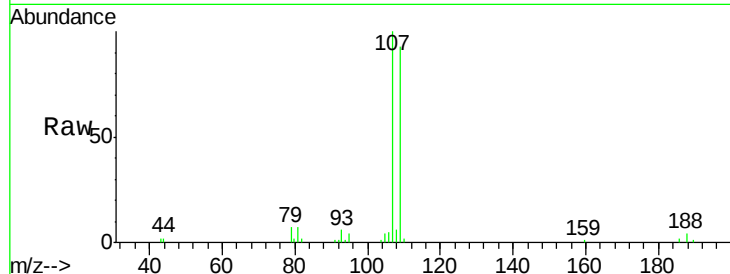




#61
 1,2-Dibromoethane
 Concen: 17.434 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

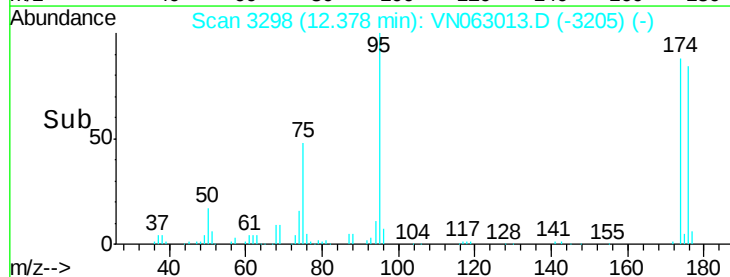
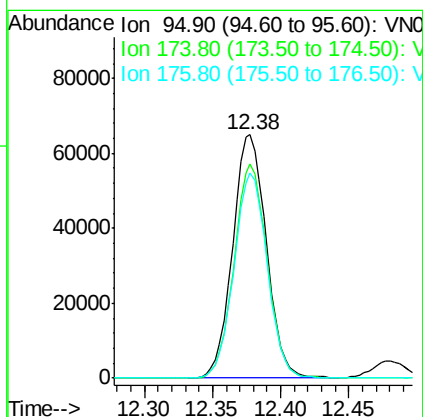
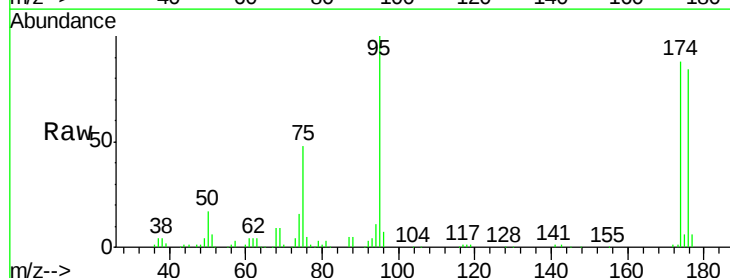
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

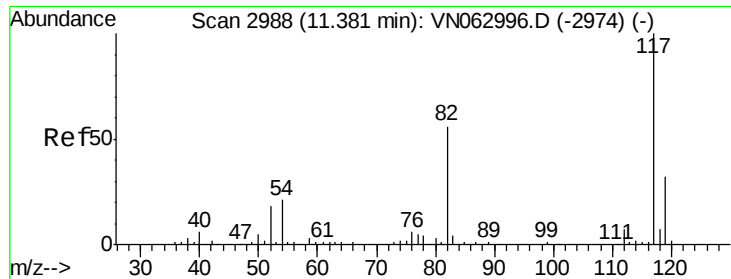
Tgt Ion: 107 Resp: 34158
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 44.619 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

Tgt Ion: 95 Resp: 111458
 Ion Ratio Lower Upper
 95 100
 174 86.3 0.0 170.8
 176 83.3 0.0 164.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS01

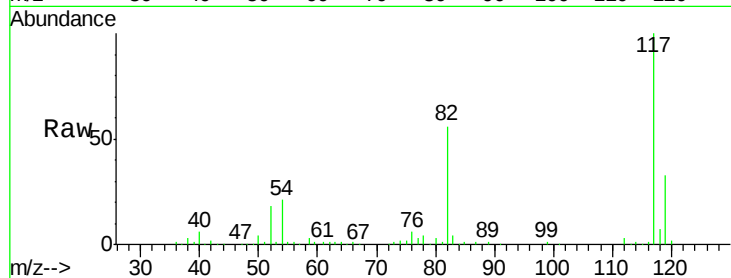
Tgt Ion:117 Resp: 265177

Ion Ratio Lower Upper

117 100

82 56.4 44.5 66.7

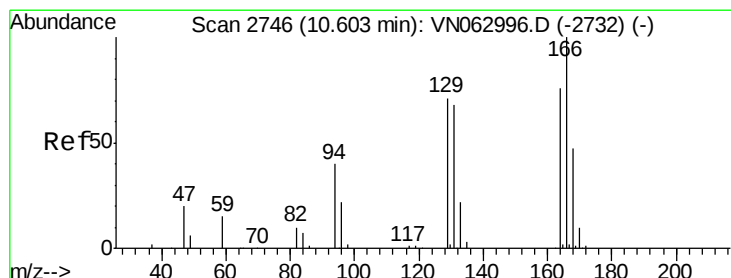
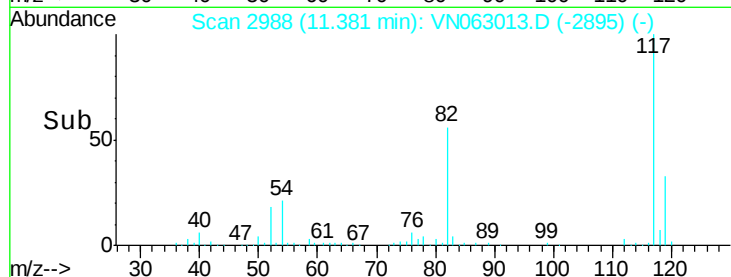
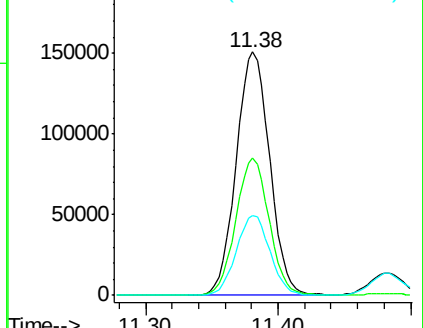
119 33.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 16.813 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Tgt Ion:164 Resp: 29308

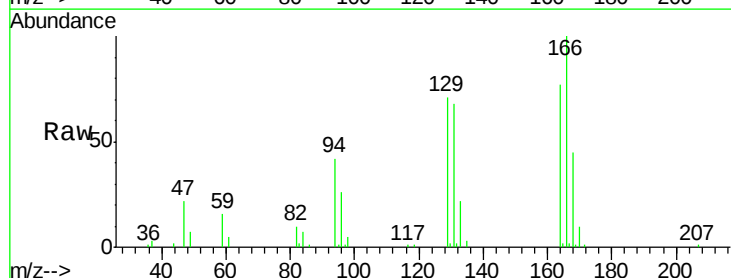
Ion Ratio Lower Upper

164 100

166 130.7 105.0 157.6

129 92.6 74.7 112.1

131 89.4 71.0 106.4

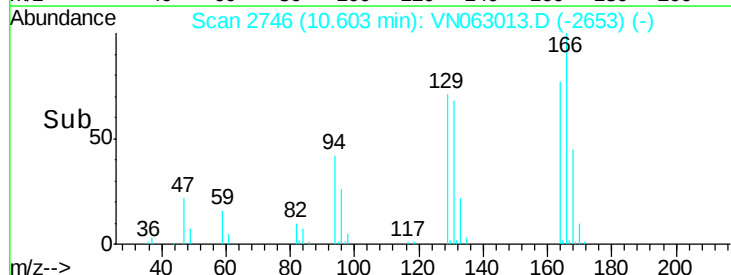
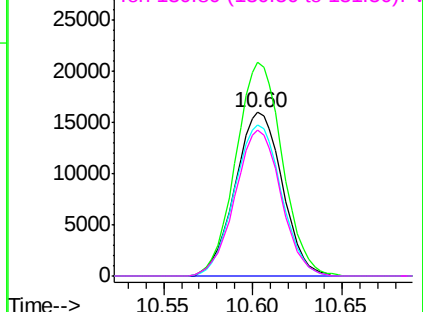


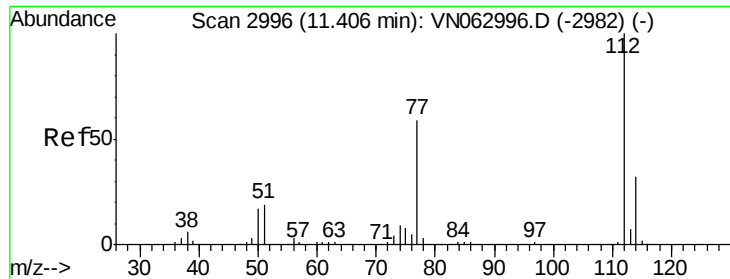
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 17.224 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

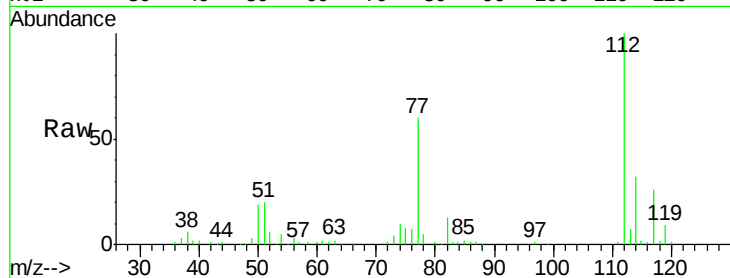
VN0819WBS01

Tgt Ion:112 Resp: 91729

Ion Ratio Lower Upper

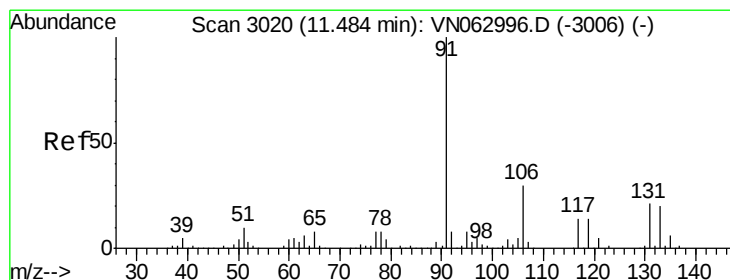
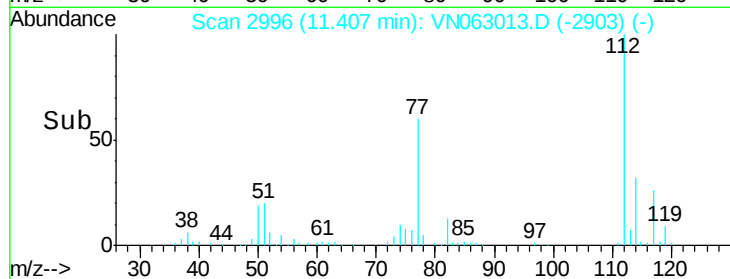
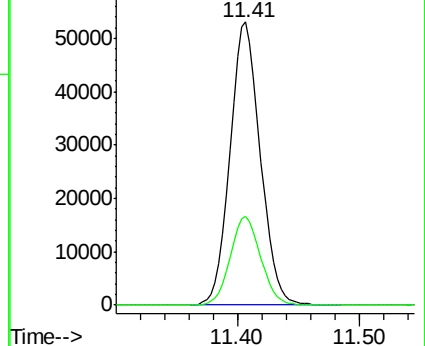
112 100

114 31.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.128 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

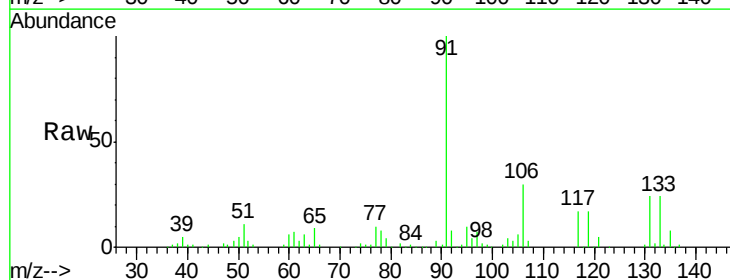
Tgt Ion:131 Resp: 35481

Ion Ratio Lower Upper

131 100

133 97.5 47.5 142.6

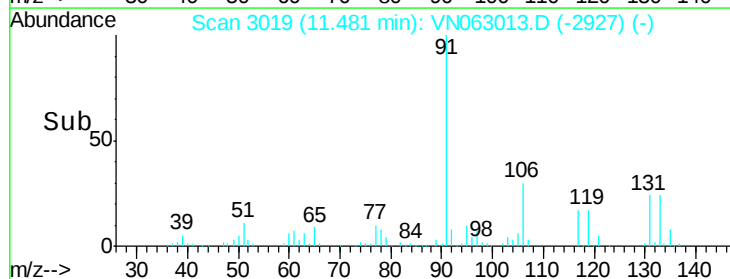
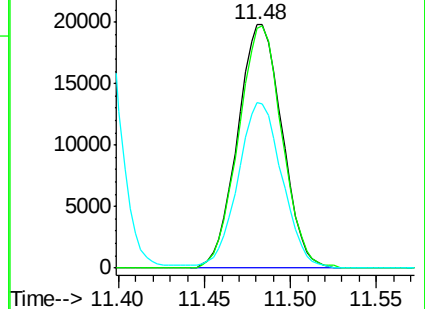
119 67.7 33.1 99.3

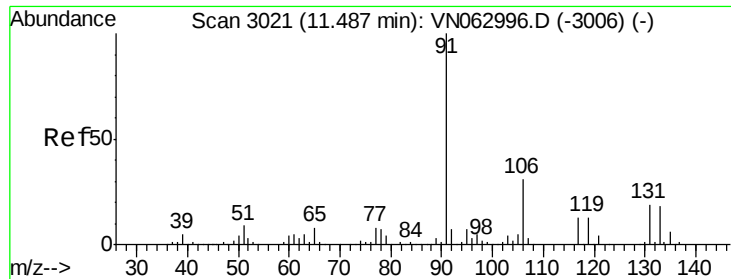


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

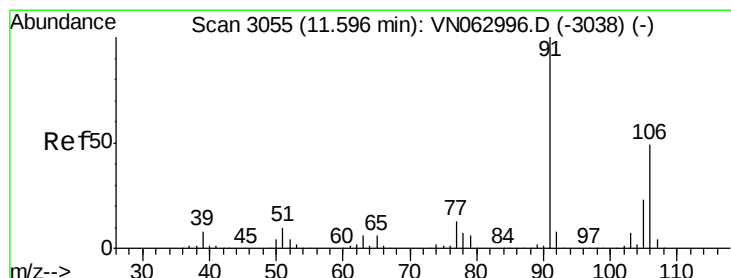
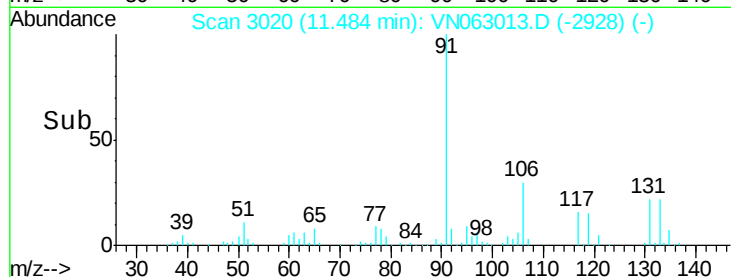
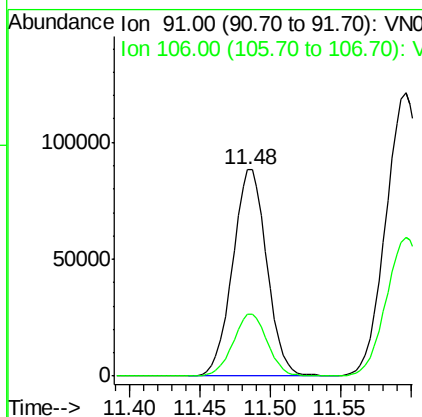
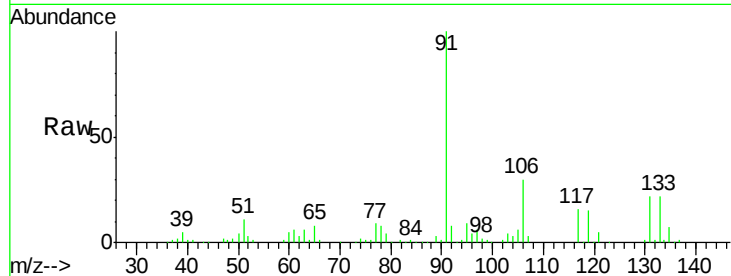




#67
Ethyl Benzene
Concen: 16.713 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063013.D
Acq: 19 Aug 2020 15:03

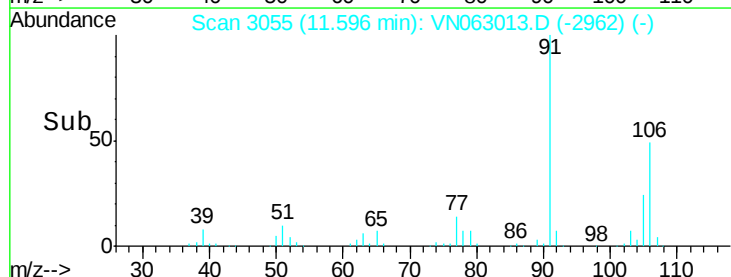
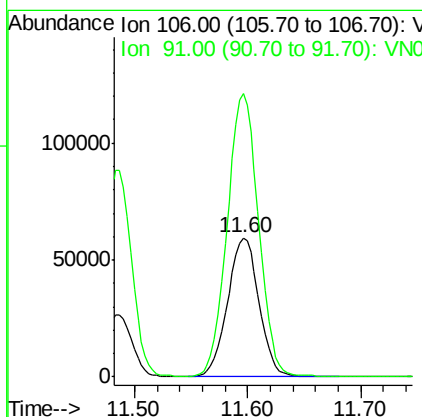
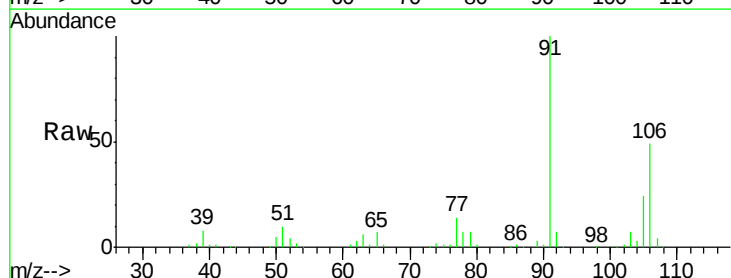
Instrument :
MSVOA_N
ClientSampled :
VN0819WBS01

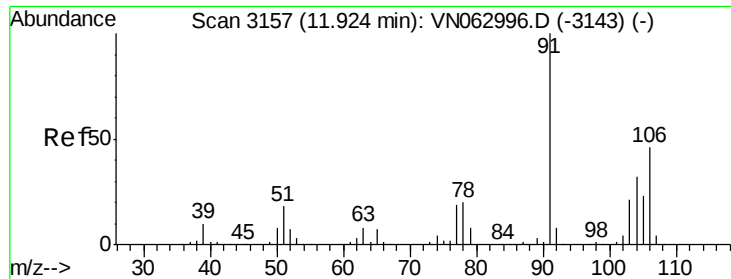
Tgt Ion: 91 Resp: 150398
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0



#68
m/p-Xylenes
Concen: 34.302 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063013.D
Acq: 19 Aug 2020 15:03

Tgt Ion: 106 Resp: 114728
Ion Ratio Lower Upper
106 100
91 203.9 163.0 244.4

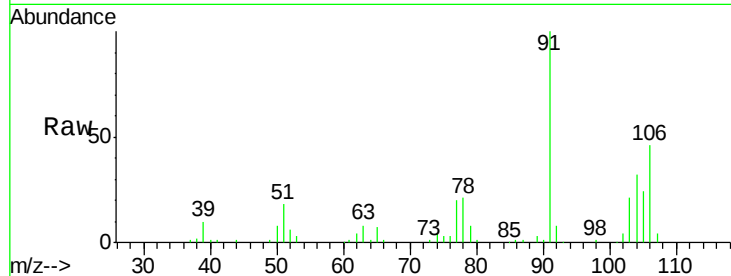




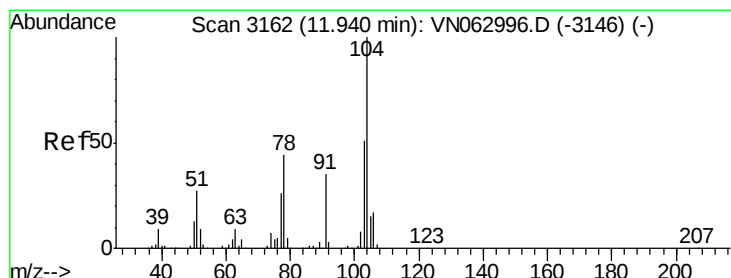
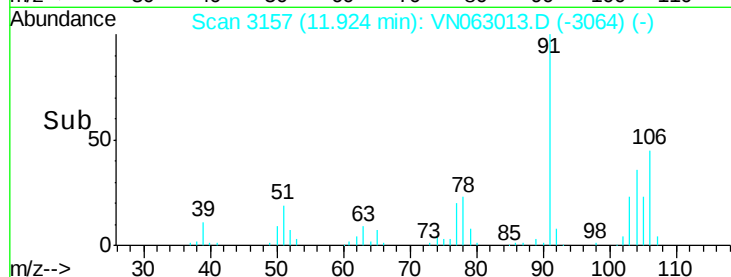
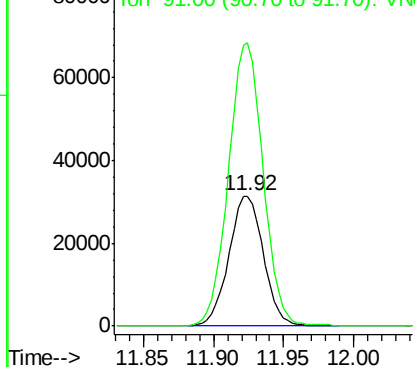
#69
o-Xylene
Concen: 16.809 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063013.D
Acq: 19 Aug 2020 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBS01

Tgt Ion:106 Resp: 53987
Ion Ratio Lower Upper
106 100
91 218.4 107.3 321.9

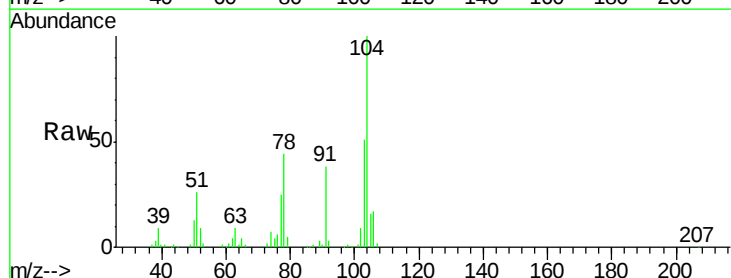


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

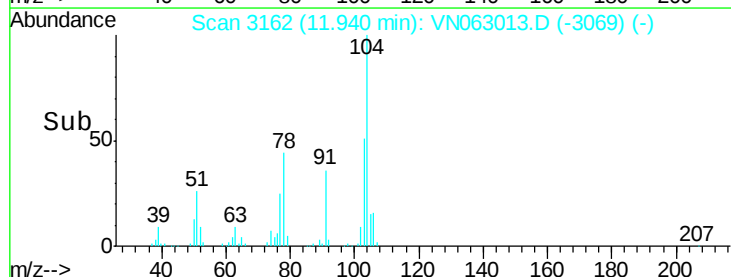
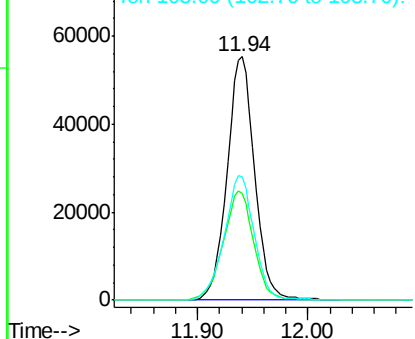


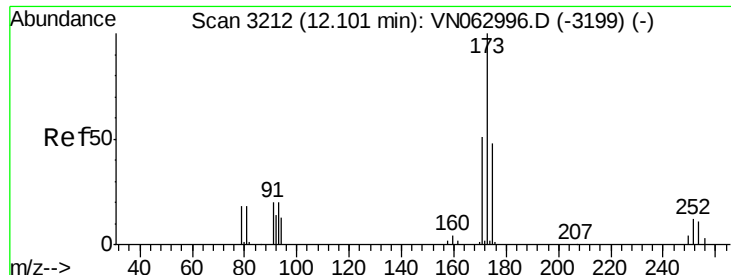
#70
Styrene
Concen: 16.388 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063013.D
Acq: 19 Aug 2020 15:03

Tgt Ion:104 Resp: 95879
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.6
103 55.1 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 16.675 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS01

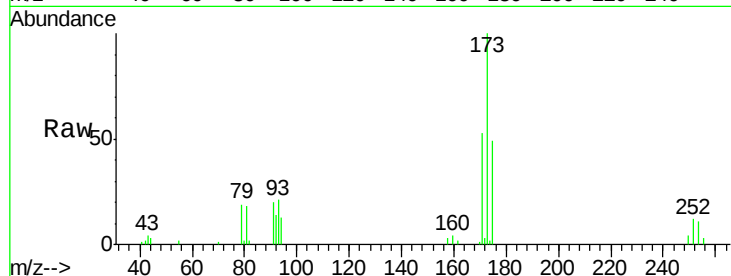
Tgt Ion:173 Resp: 27494

Ion Ratio Lower Upper

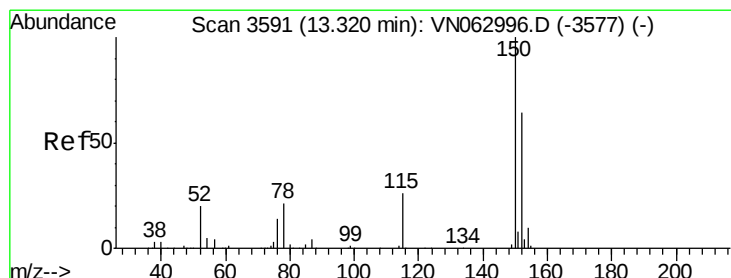
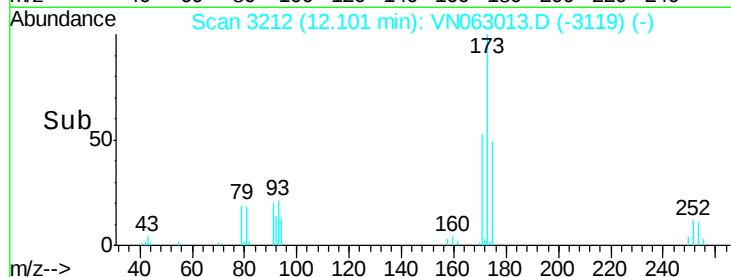
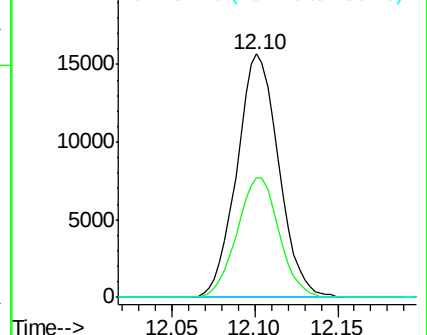
173 100

175 49.2 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

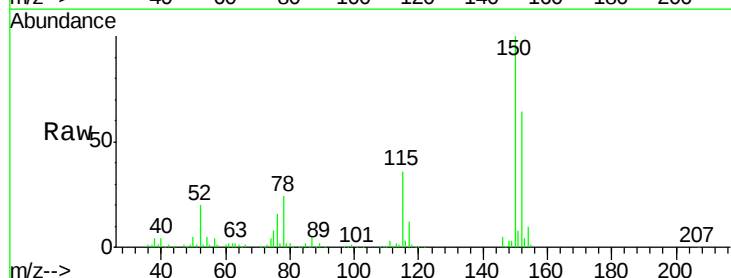
Tgt Ion:152 Resp: 123674

Ion Ratio Lower Upper

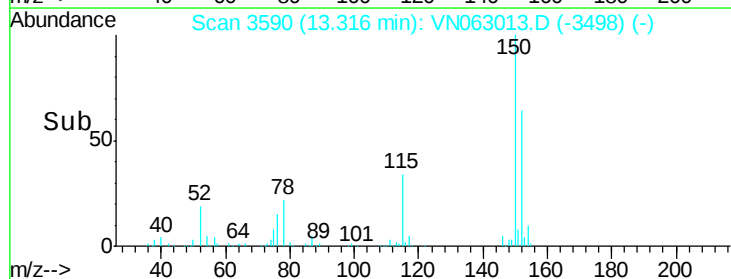
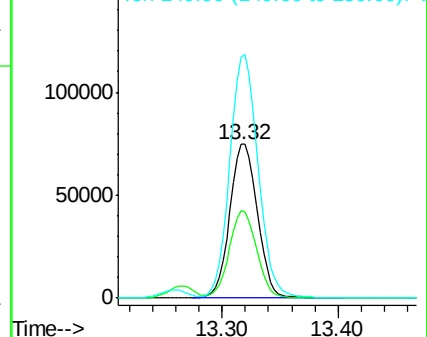
152 100

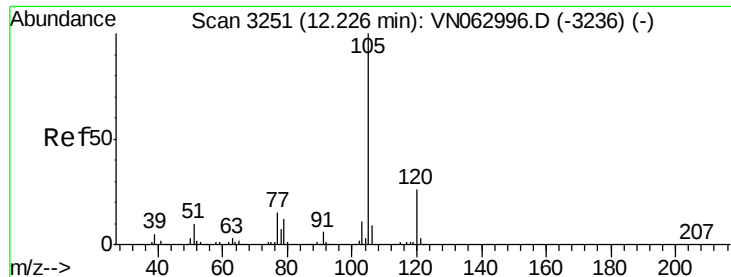
115 56.3 28.7 86.3

150 161.8 0.0 348.8



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: 17.012 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

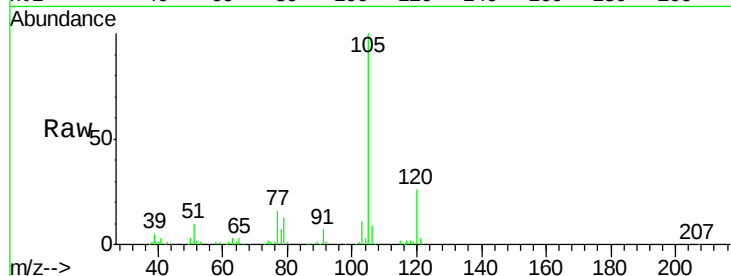
VN0819WBS01

Tgt Ion:105 Resp: 144081

Ion Ratio Lower Upper

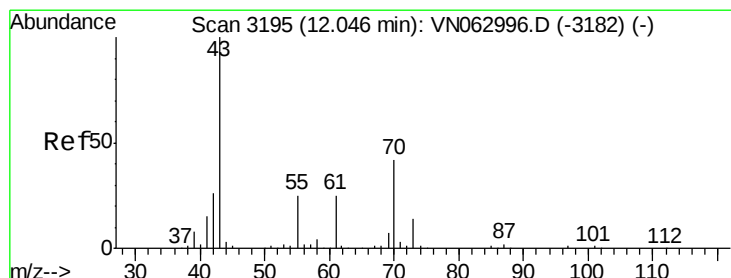
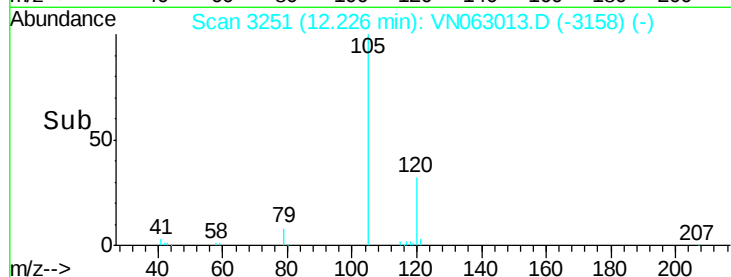
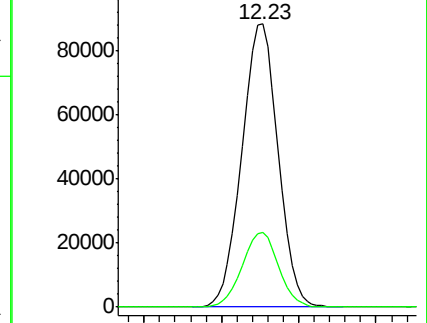
105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.706 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Tgt Ion: 43 Resp: 50675

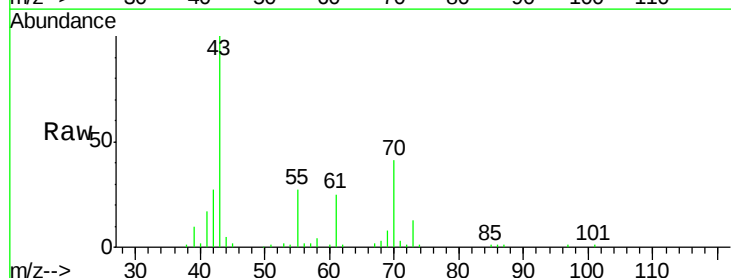
Ion Ratio Lower Upper

43 100

70 40.5 33.4 50.0

55 27.2 20.2 30.2

61 23.6 19.9 29.9

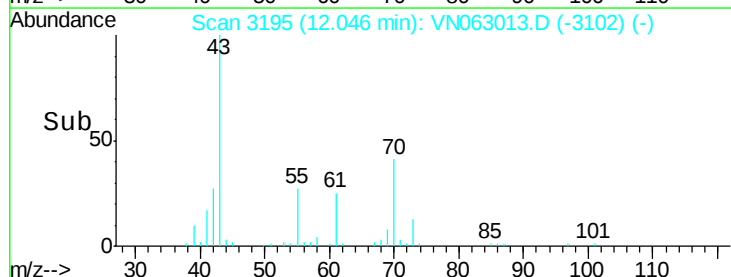
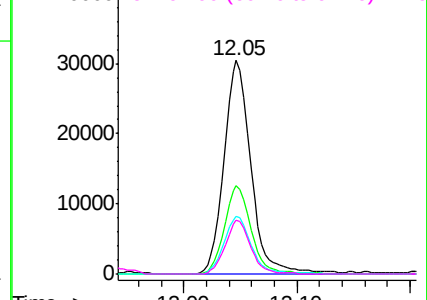


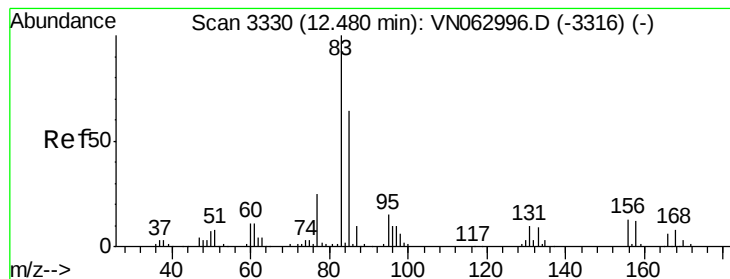
Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 70.00 (69.70 to 70.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 61.00 (60.70 to 61.70): VN





#75

1,1,2,2-Tetrachloroethane

Concen: 17.843 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS01

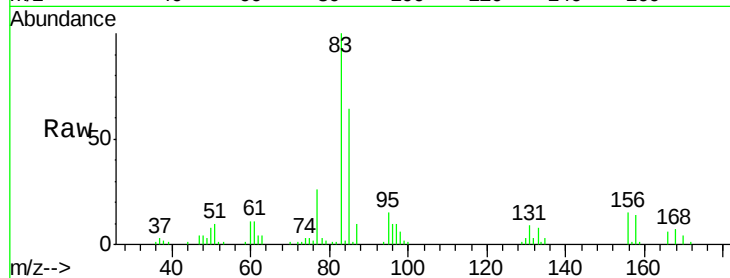
Tgt Ion: 83 Resp: 51725

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 64.0 31.9 95.5

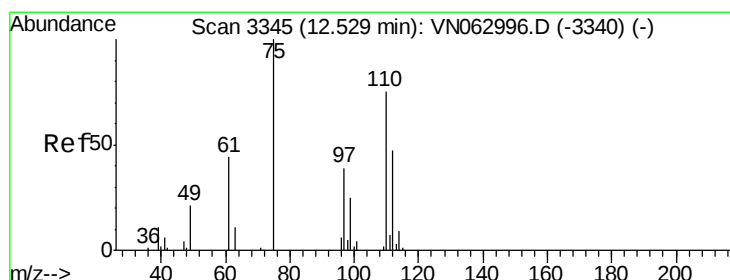
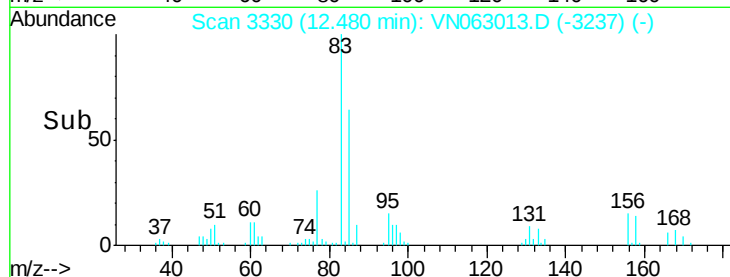


Abundance Ion 82.90 (82.60 to 83.60): VN062996.D (-3316) (-)

Ion 130.80 (130.50 to 131.50): VN062996.D (-3316) (-)

Ion 84.90 (84.60 to 85.60): VN062996.D (-3316) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 25.420 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN063013.D

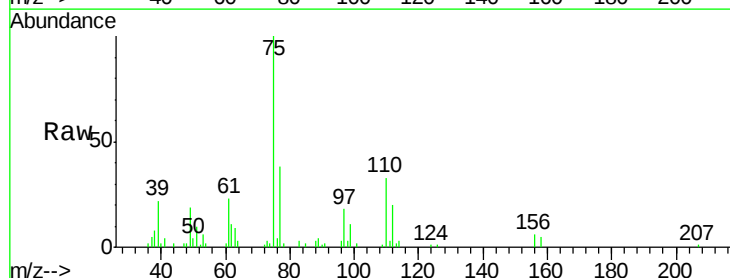
Acq: 19 Aug 2020 15:03

Tgt Ion: 75 Resp: 61109

Ion Ratio Lower Upper

75 100

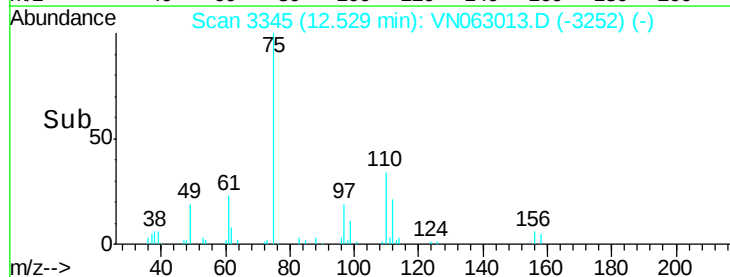
77 0.0 0.0 0.0

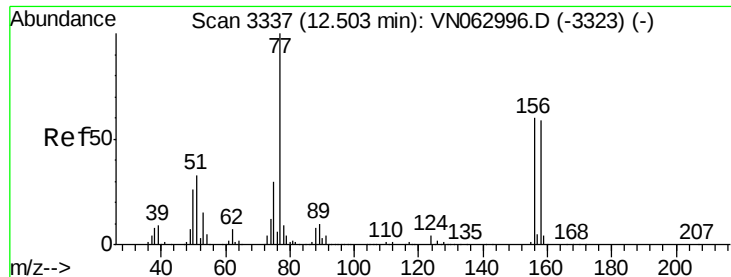


Abundance Ion 74.90 (74.60 to 75.60): VN062996.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062996.D (-3340) (-)

Time-->





#77

Bromobenzene

Concen: 17.826 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampled :

VN0819WBS01

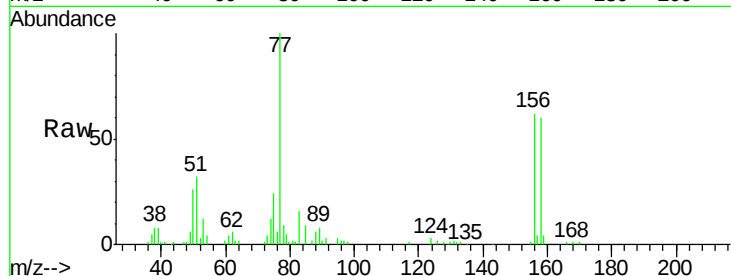
Tgt Ion:156 Resp: 41521

Ion Ratio Lower Upper

156 100

77 199.5 101.0 302.9

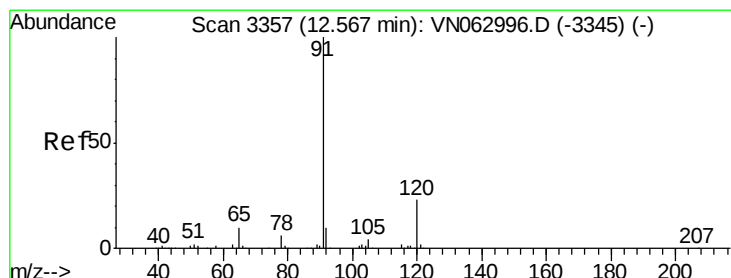
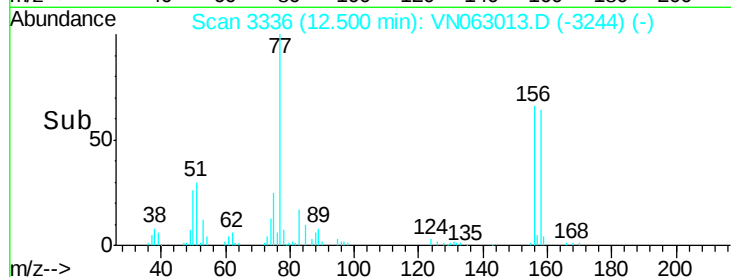
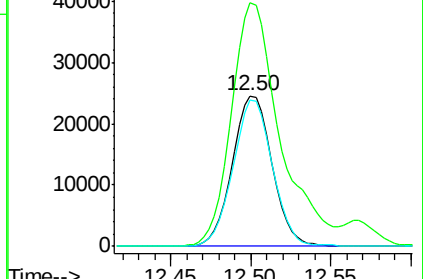
158 96.5 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.395 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063013.D

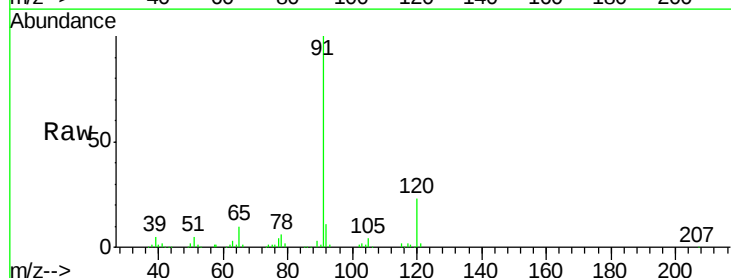
Acq: 19 Aug 2020 15:03

Tgt Ion: 91 Resp: 167921

Ion Ratio Lower Upper

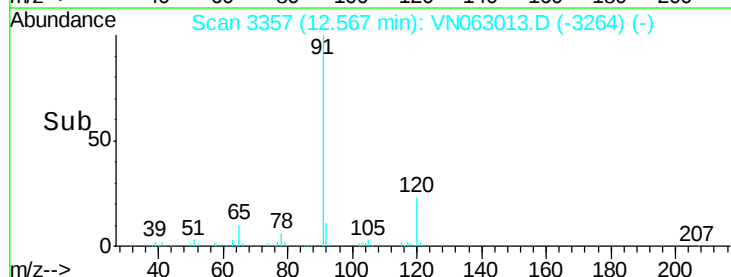
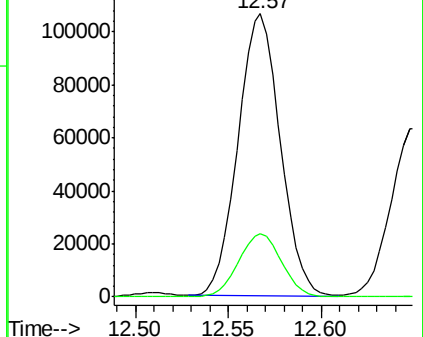
91 100

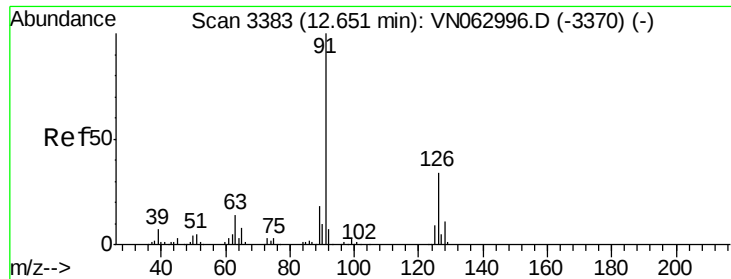
120 22.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

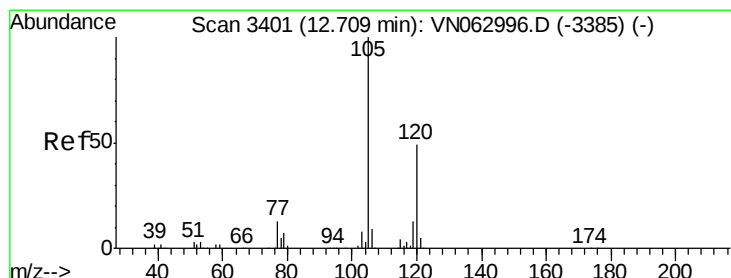
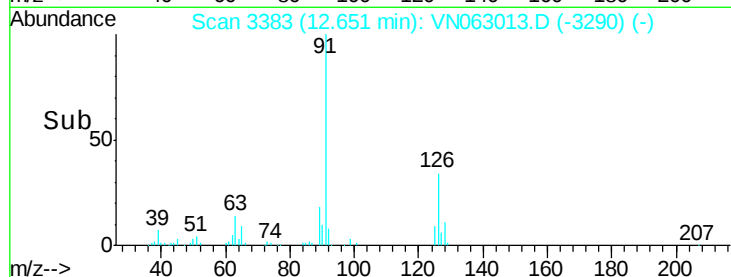
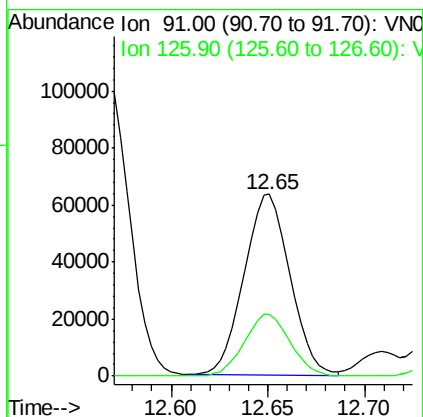
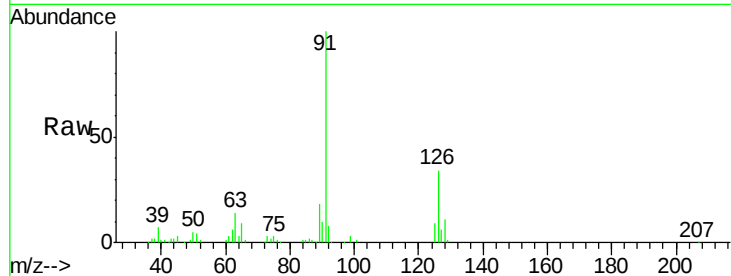




#79
 2-Chlorotoluene
 Concen: 17.314 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

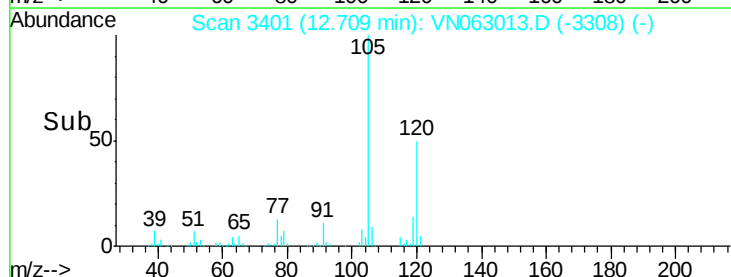
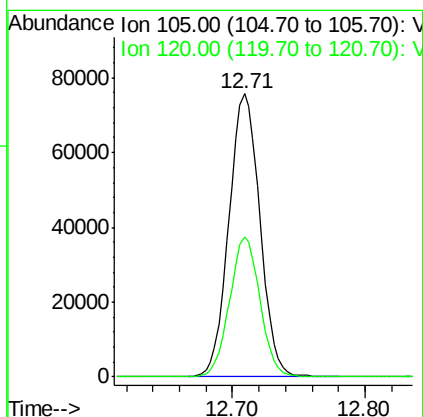
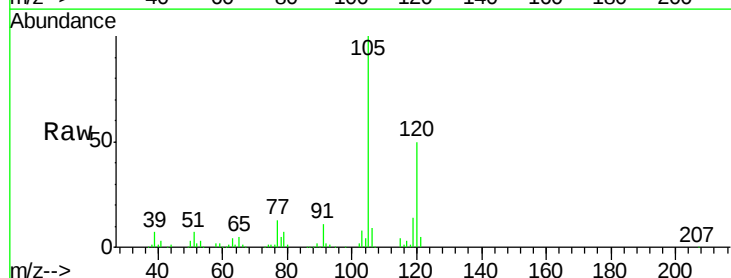
Instrument :
 MSVOA_N
 ClientSampled :
 VN0819WBS01

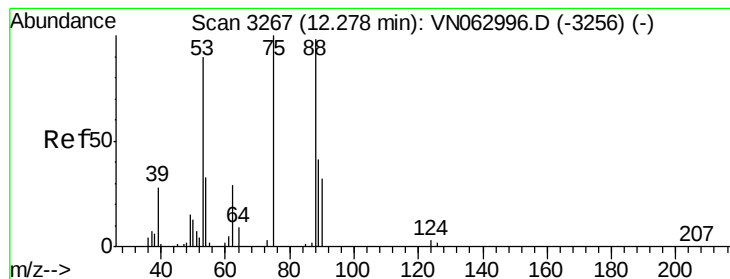
Tgt Ion: 91 Resp: 105131
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 17.590 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

Tgt Ion: 105 Resp: 123150
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.365 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS01

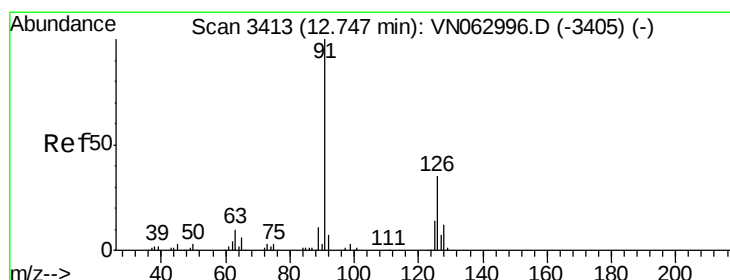
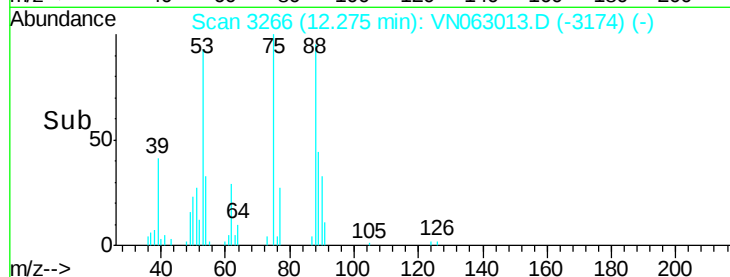
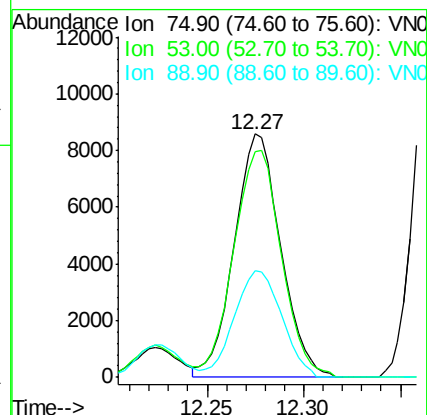
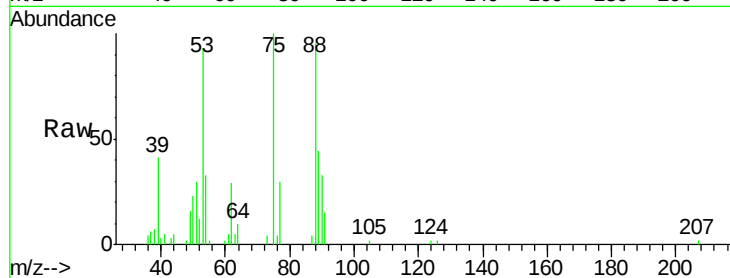
Tgt Ion: 75 Resp: 14324

Ion Ratio Lower Upper

75 100

53 95.7 69.2 103.8

89 44.9 34.2 51.4



#82

4-Chlorotoluene

Concen: 17.384 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN063013.D

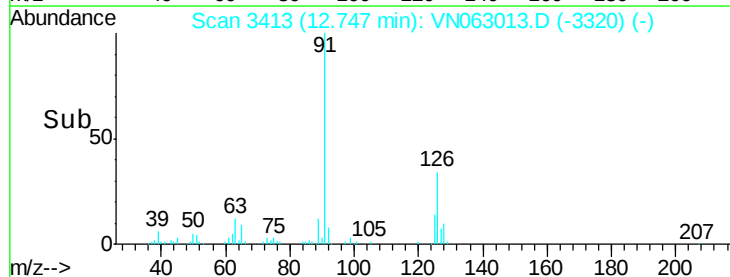
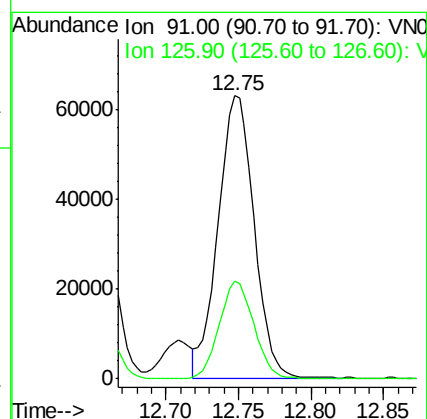
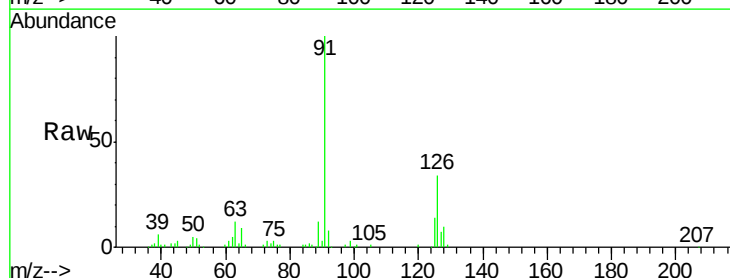
Acq: 19 Aug 2020 15:03

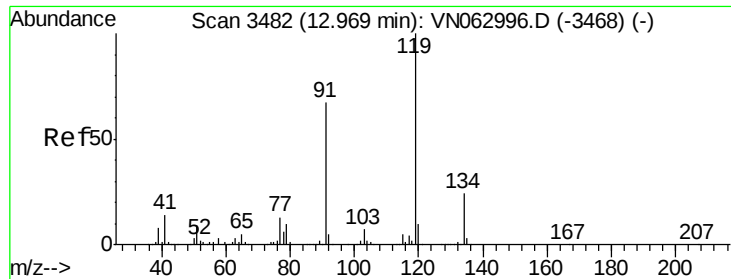
Tgt Ion: 91 Resp: 107483

Ion Ratio Lower Upper

91 100

126 33.7 16.5 49.5

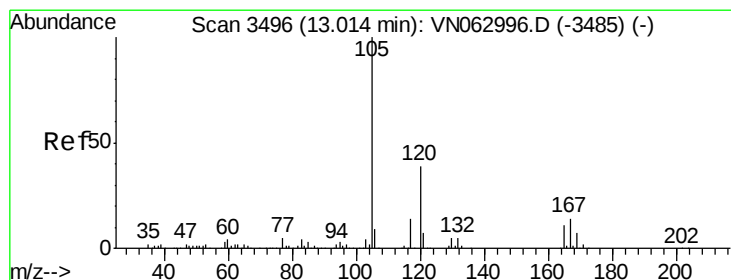
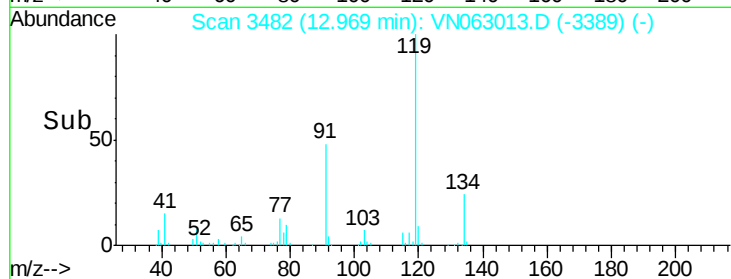
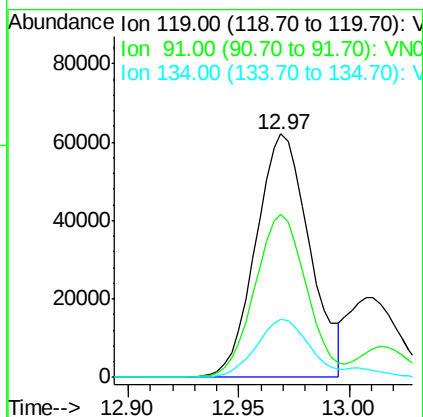
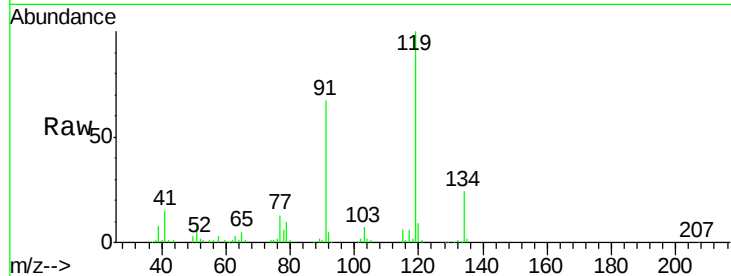




#83
 tert-Butylbenzene
 Concen: 17.414 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

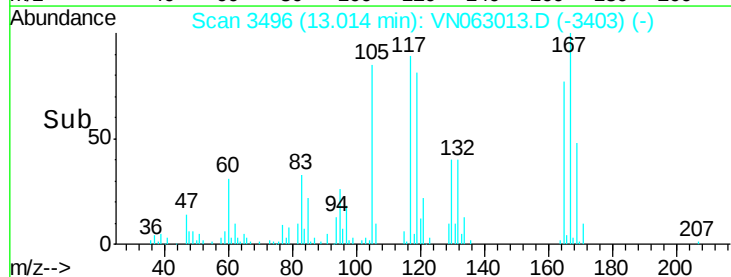
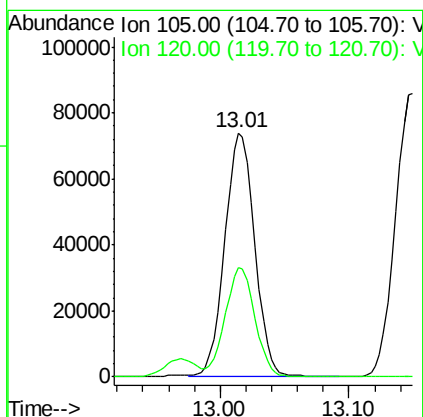
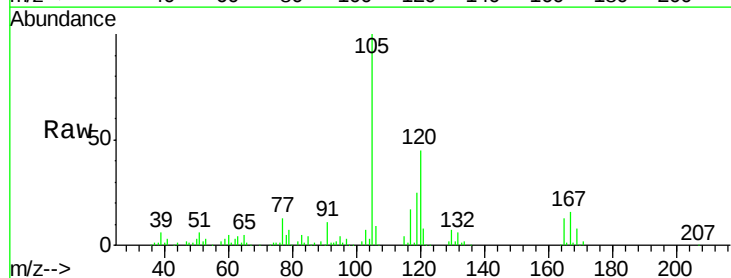
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

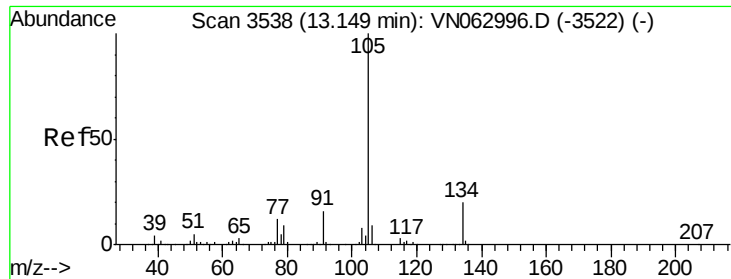
Tgt Ion:119 Resp: 105226
 Ion Ratio Lower Upper
 119 100
 91 64.7 32.5 97.4
 134 23.7 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 17.284 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

Tgt Ion:105 Resp: 117888
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.5 67.5

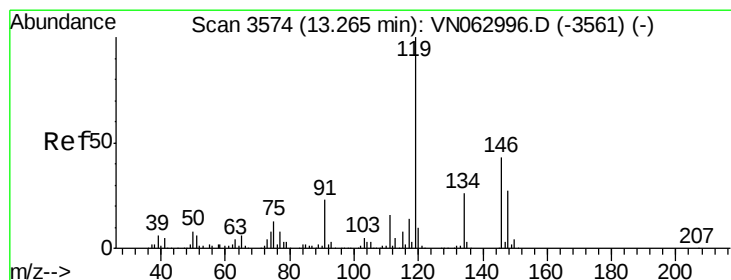
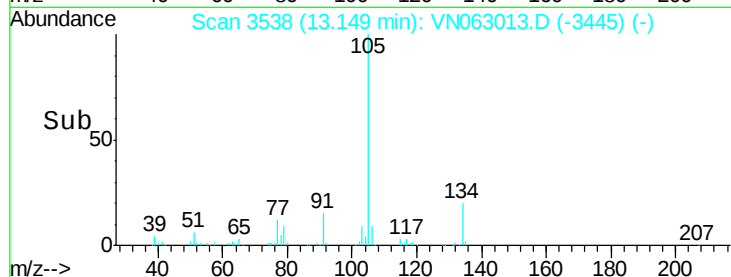
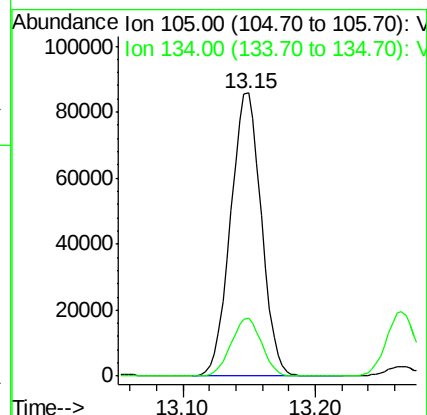
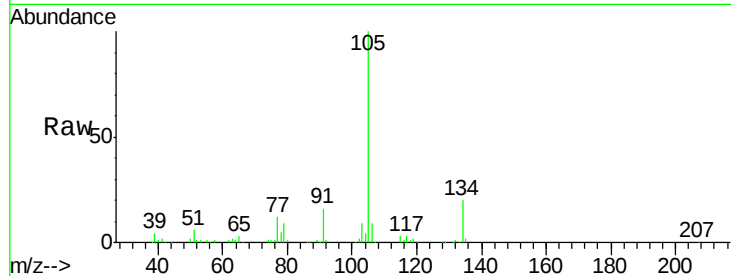




#85
 sec-Butylbenzene
 Concen: 16.956 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

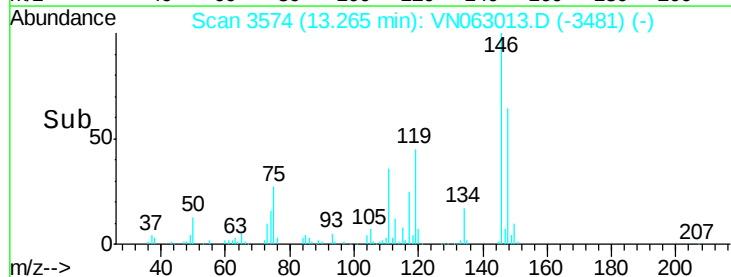
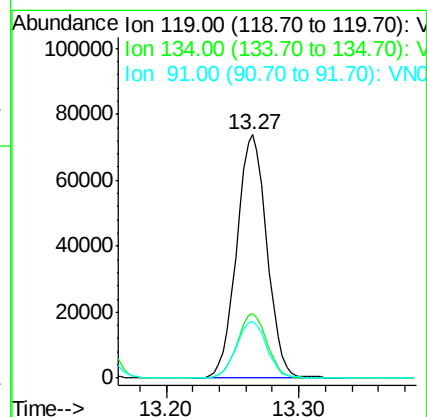
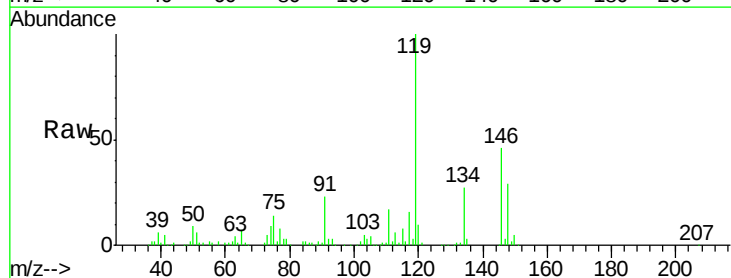
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

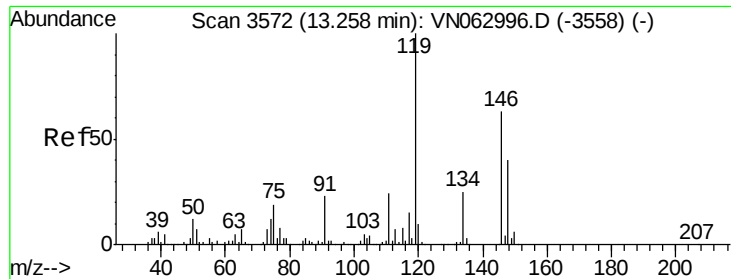
Tgt Ion:105 Resp: 138470
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 16.399 ug/l
 RT: 13.27 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

Tgt Ion:119 Resp: 116690
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 23.6 11.5 34.4

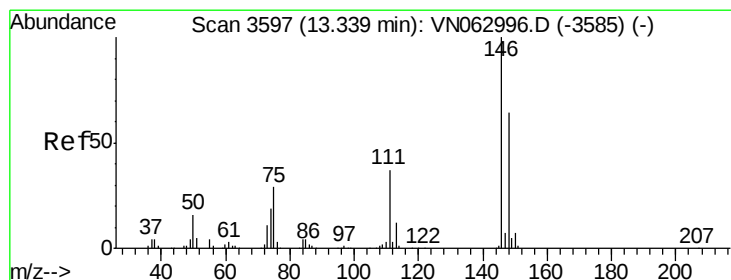
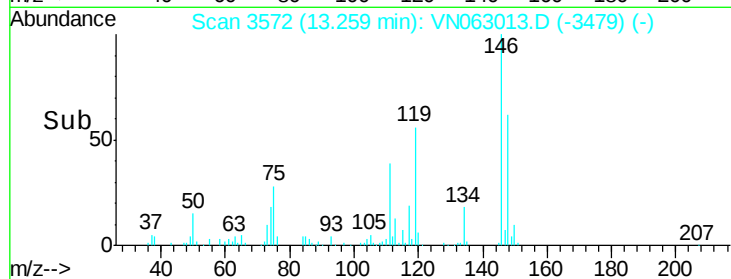
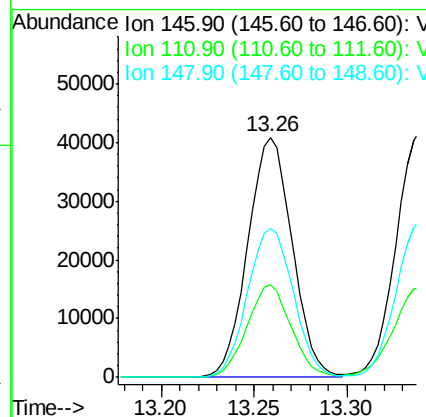
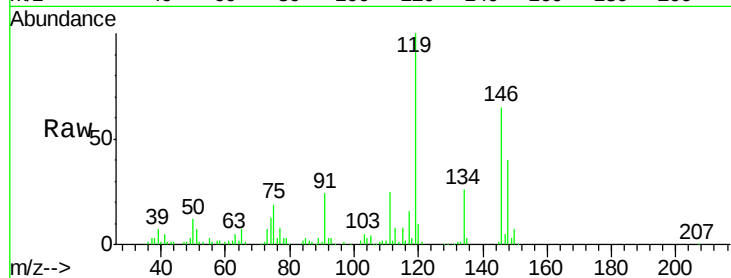




#87
 1,3-Dichlorobenzene
 Concen: 17.003 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

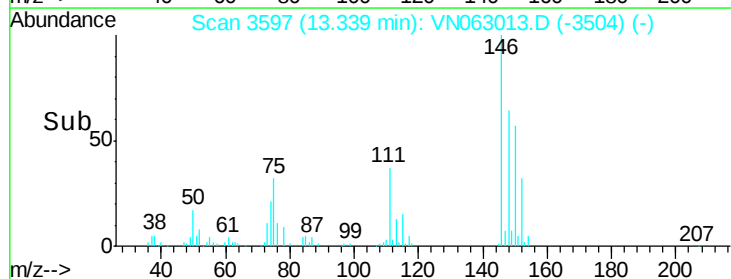
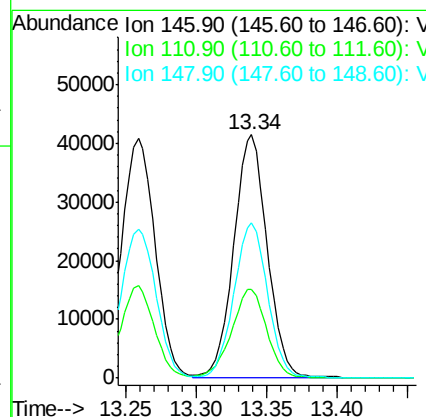
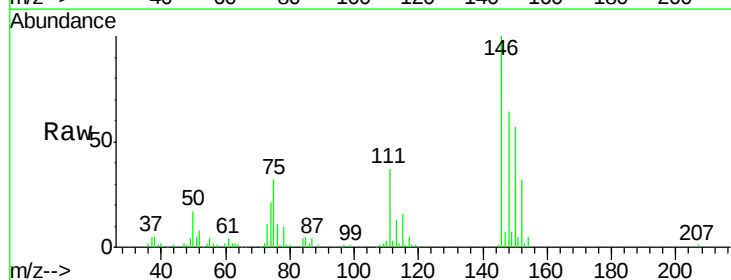
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS01

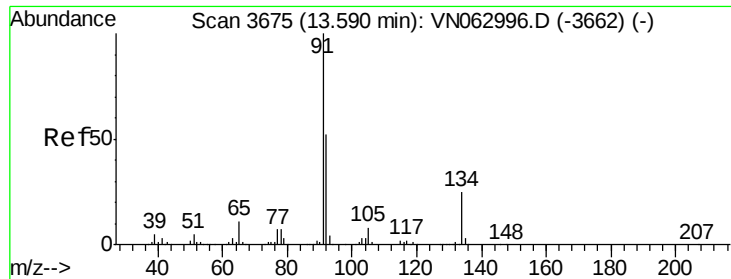
Tgt Ion:146 Resp: 68063
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.1
 148 64.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 17.035 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063013.D
 Acq: 19 Aug 2020 15:03

Tgt Ion:146 Resp: 69214
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.8 56.4
 148 64.2 32.4 97.0

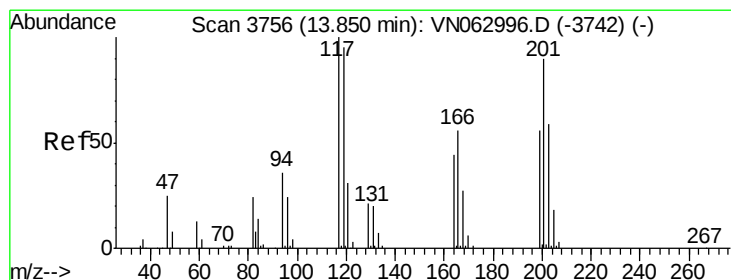
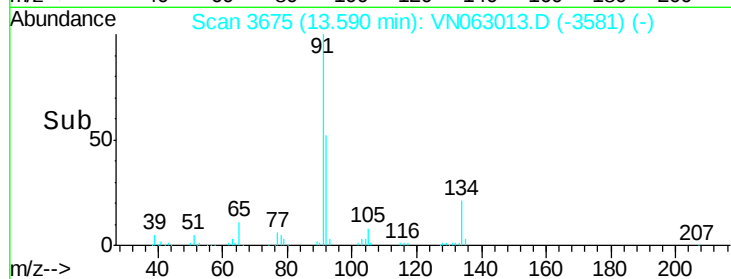
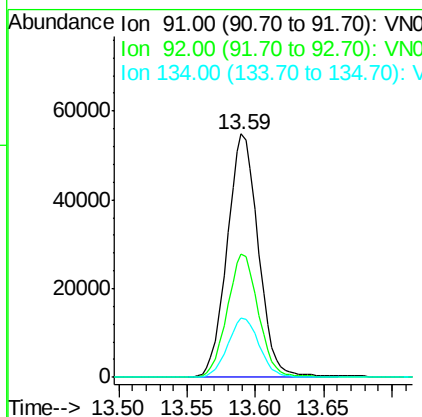
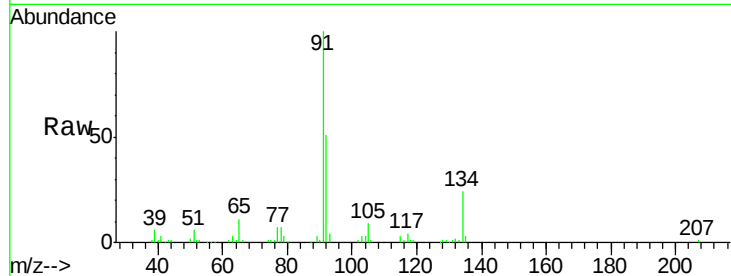




#89
n-Butylbenzene
Concen: 15.008 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063013.D
Acq: 19 Aug 2020 15:03

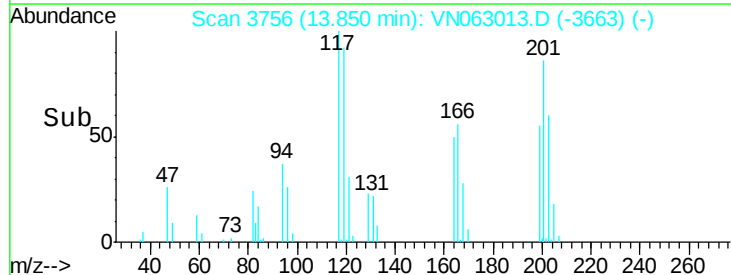
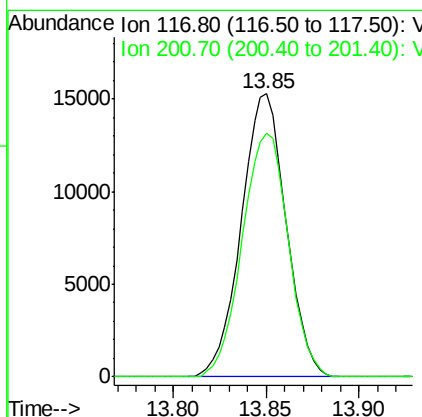
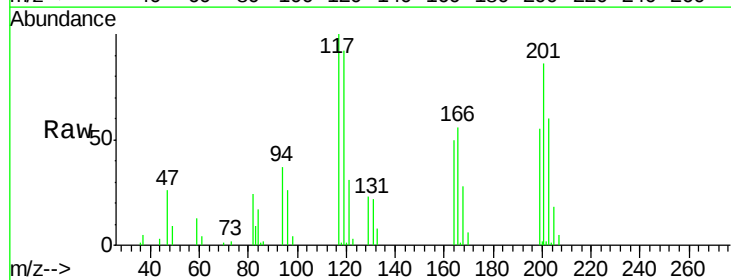
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MSVOA_N
ClientSampleId :
VN0819WBS01

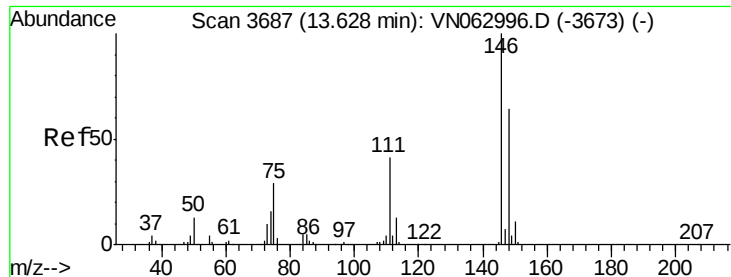
Tgt Ion: 91 Resp: 87376
Ion Ratio Lower Upper
91 100
92 50.3 25.9 77.6
134 24.6 12.4 37.0



#90
Hexachloroethane
Concen: 16.962 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN063013.D
Acq: 19 Aug 2020 15:03

Tgt Ion: 117 Resp: 25654
Ion Ratio Lower Upper
117 100
201 88.4 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 17.403 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampled :

VN0819WBS01

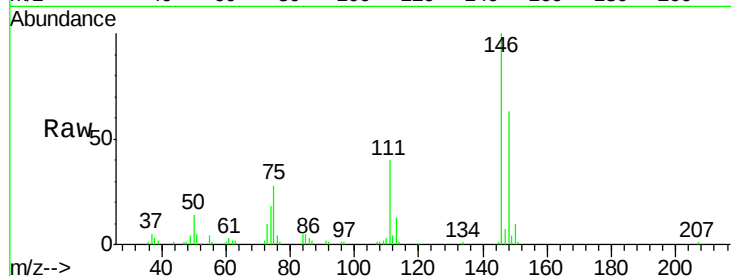
Tgt Ion:146 Resp: 67292

Ion Ratio Lower Upper

146 100

111 39.9 20.2 60.5

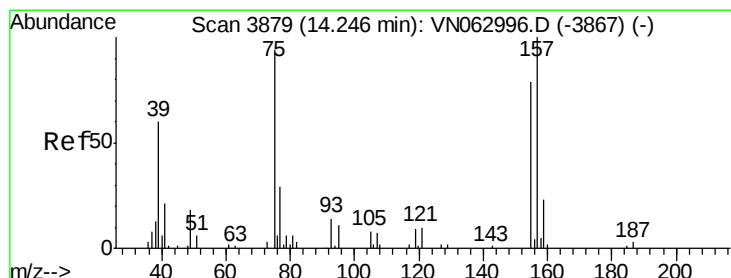
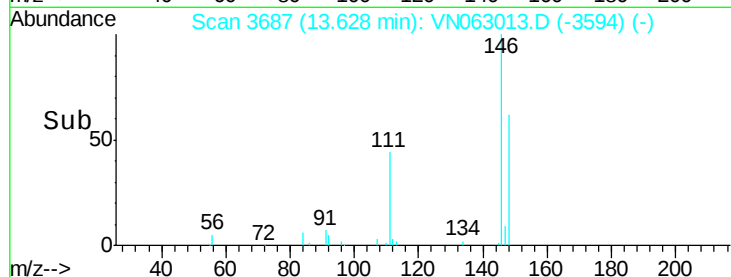
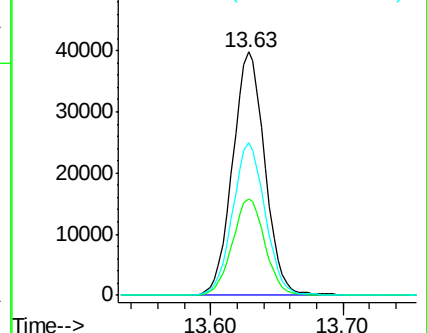
148 63.2 31.9 95.5



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: 17.696 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

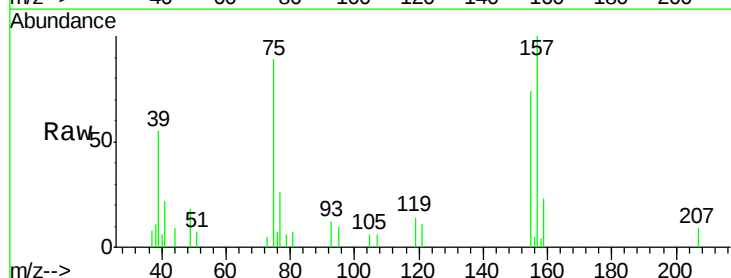
Tgt Ion: 75 Resp: 7548

Ion Ratio Lower Upper

75 100

155 80.3 42.4 127.1

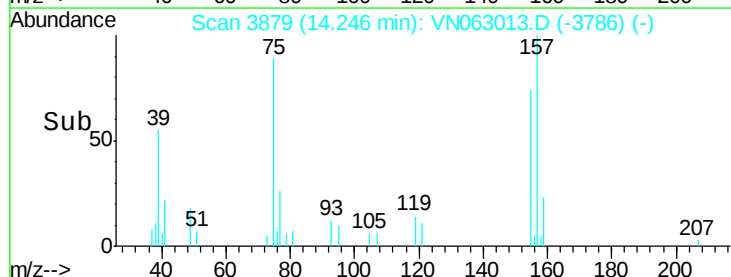
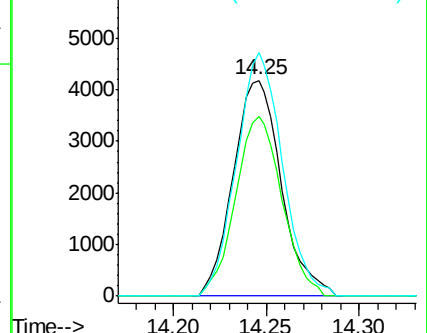
157 108.0 55.2 165.6

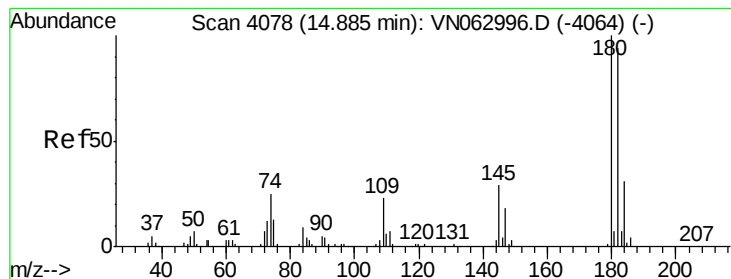


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 15.382 ug/l

RT: 14.88 min Scan# 4077

Delta R.T. -0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS01

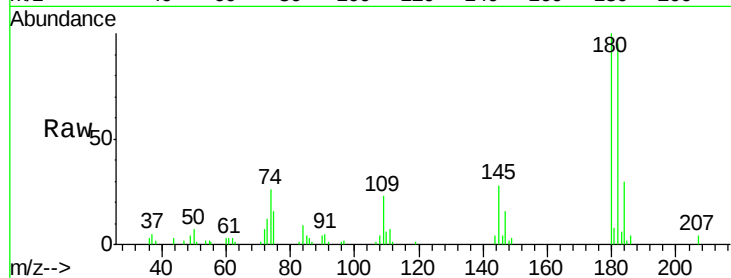
Tgt Ion:180 Resp: 25550

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

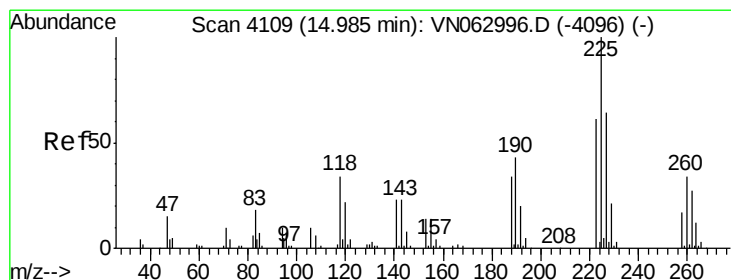
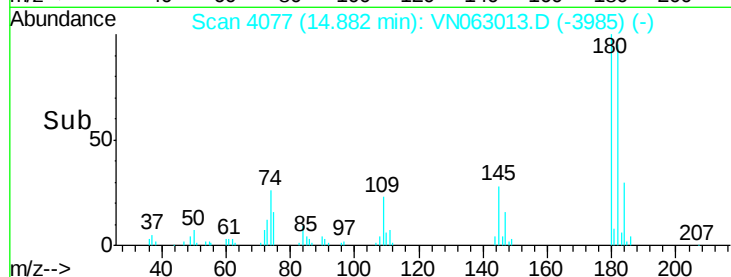
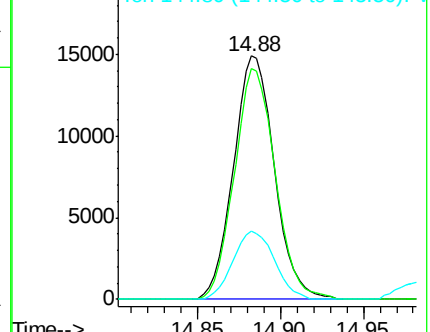
145 28.4 14.1 42.4



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: 15.612 ug/l

RT: 14.98 min Scan# 4108

Delta R.T. -0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

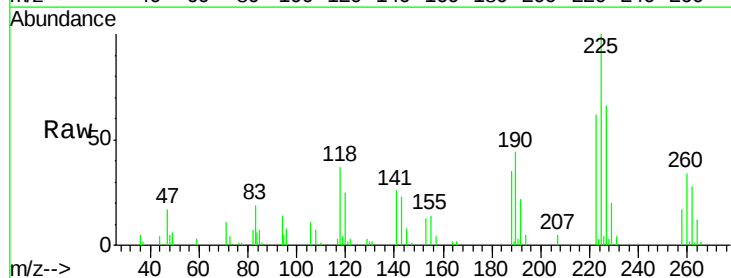
Tgt Ion:225 Resp: 22307

Ion Ratio Lower Upper

225 100

223 63.7 30.9 92.5

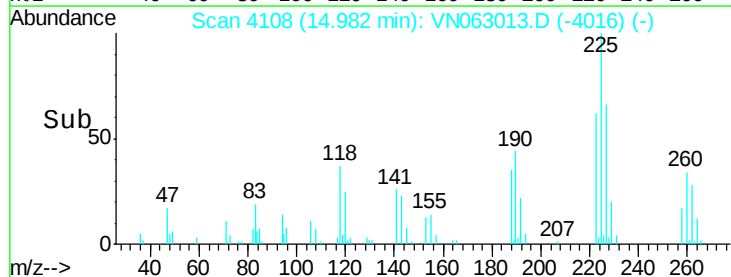
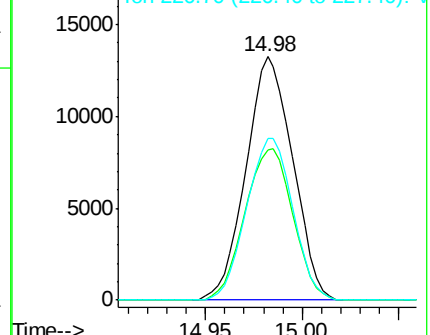
227 65.7 31.9 95.9

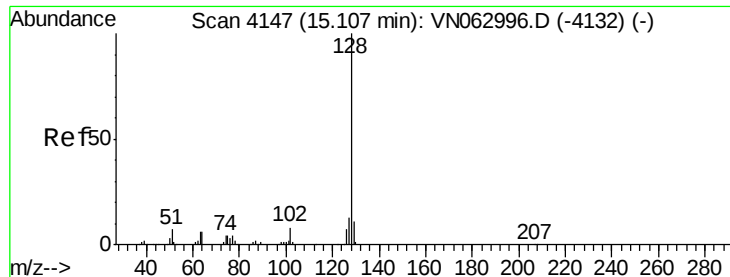


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 15.209 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

Instrument :

MSVOA_N

ClientSampleId :

VN0819WBS01

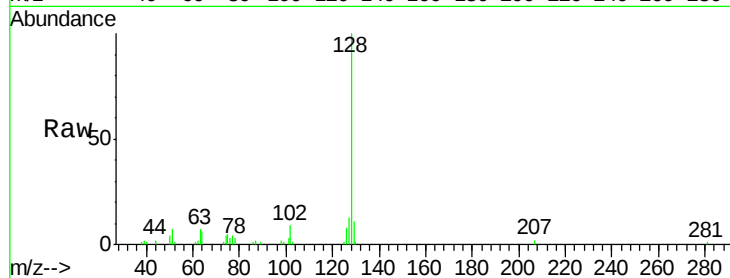
Tgt Ion:128 Resp: 53212

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

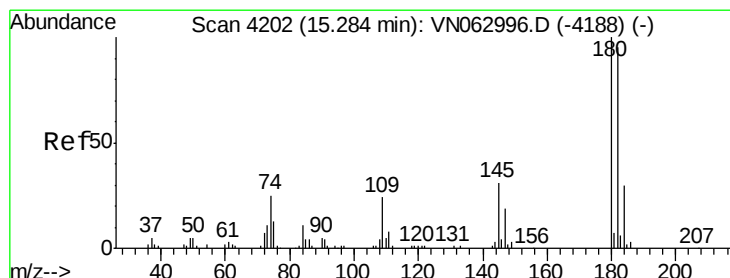
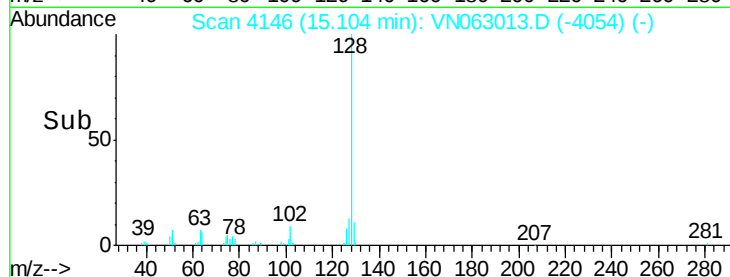
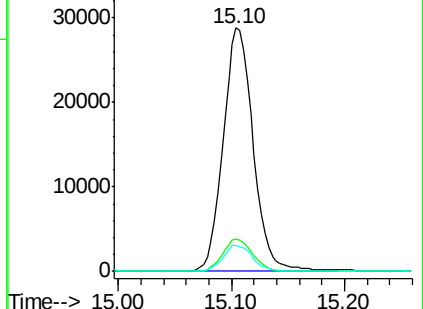
129 10.5 8.9 13.3



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: 15.291 ug/l

RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN063013.D

Acq: 19 Aug 2020 15:03

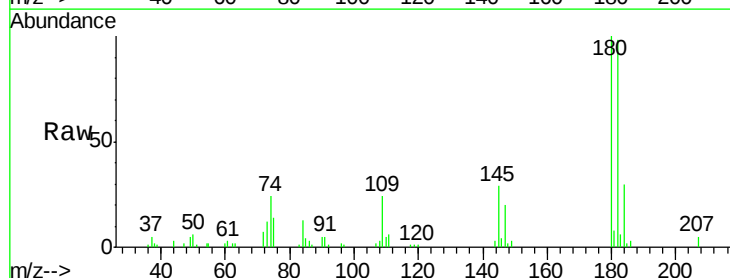
Tgt Ion:180 Resp: 25847

Ion Ratio Lower Upper

180 100

182 98.2 47.3 141.9

145 30.1 15.6 46.7



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

