

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081920\
 Data File : VN063015.D
 Acq On : 19 Aug 2020 15:56
 Operator : JC/MD
 Sample : VN0819WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Quant Time: Aug 20 01:24:45 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	185833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	280570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	265755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126733	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	110718	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
35) Dibromofluoromethane	7.55	113	91913	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
50) Toluene-d8	10.06	98	352880	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.38	95	122750	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	50710	21.047	ug/l	98
3) Chloromethane	2.04	50	54921	21.554	ug/l	100
4) Vinyl Chloride	2.16	62	54586	22.152	ug/l	96
5) Bromomethane	2.52	94	32385	22.142	ug/l	95
6) Chloroethane	2.66	64	31384	21.572	ug/l	96
7) Trichlorofluoromethane	2.98	101	64705	21.056	ug/l	97
8) Diethyl Ether	3.37	74	20651	18.996	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	32660	19.724	ug/l	99
10) Methyl Iodide	3.91	142	41556	19.799	ug/l	97
11) Tert butyl alcohol	4.74	59	28862	92.515	ug/l	100
12) 1,1-Dichloroethene	3.69	96	29893	18.951	ug/l	99
13) Acrolein	3.57	56	5022	51.385	ug/l	96
14) Allyl chloride	4.28	41	52909	19.023	ug/l	98
15) Acrylonitrile	4.93	53	87996	95.967	ug/l	99
16) Acetone	3.78	43	71721	102.105	ug/l	98
17) Carbon Disulfide	4.01	76	80774	19.553	ug/l	99
18) Methyl Acetate	4.28	43	40043	18.295	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	110341	20.058	ug/l	98
20) Methylene Chloride	4.50	84	41352	20.508	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	33552	20.325	ug/l	99
22) Diisopropyl ether	5.90	45	132040	20.921	ug/l	98
23) Vinyl Acetate	5.85	43	405775	95.274	ug/l	100
24) 1,1-Dichloroethane	5.80	63	70744	20.058	ug/l	99
25) 2-Butanone	6.79	43	108414	92.717	ug/l	96
26) 2,2-Dichloropropane	6.78	77	55300	19.937	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	40738	19.689	ug/l	99
28) Bromochloromethane	7.15	49	36744	19.911	ug/l	98
29) Tetrahydrofuran	7.17	42	72952	96.668	ug/l	99
30) Chloroform	7.33	83	71446	20.114	ug/l	100
31) Cyclohexane	7.62	56	64912	19.997	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	58483	20.168	ug/l	98
36) 1,1-Dichloropropene	7.75	75	47827	19.343	ug/l	99
37) Ethyl Acetate	6.88	43	44809	19.341	ug/l	98
38) Carbon Tetrachloride	7.73	117	49564	19.856	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	58753	18.613	ug/l	99
40) Benzene	8.00	78	154971	19.762	ug/l	100
41) Methacrylonitrile	7.12	41	19094	17.298	ug/l	91
42) 1,2-Dichloroethane	8.09	62	52861	20.075	ug/l	100
43) Isopropyl Acetate	8.13	43	71999	18.758	ug/l #	90
44) Trichloroethene	8.80	130	38775	19.878	ug/l	94
45) 1,2-Dichloropropane	9.08	63	44906	19.810	ug/l	96
46) Dibromomethane	9.17	93	26770	20.443	ug/l	99
47) Bromodichloromethane	9.37	83	57065	19.896	ug/l	99
48) Methyl methacrylate	9.17	41	35473	19.533	ug/l	94
49) 1,4-Dioxane	9.17	88	14346	368.786	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	231791	95.541	ug/l	99
52) Toluene	10.13	92	95879	20.268	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	58366	19.678	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	64366	19.783	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	39787	19.670	ug/l	97
56) Ethyl methacrylate	10.40	69	52273	17.890	ug/l	95
57) 1,3-Dichloropropane	10.68	76	65556	19.517	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	45955	69.753	ug/l	99
59) 2-Hexanone	10.72	43	161900	95.671	ug/l	98
60) Dibromochloromethane	10.88	129	43891	19.607	ug/l	99
61) 1,2-Dibromoethane	10.98	107	38870	19.999	ug/l	100
64) Tetrachloroethene	10.60	164	35181	20.139	ug/l	97
65) Chlorobenzene	11.41	112	105761	19.815	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	41687	20.080	ug/l	98
67) Ethyl Benzene	11.48	91	179386	19.891	ug/l	99
68) m/p-Xylenes	11.60	106	134843	40.229	ug/l	97
69) o-Xylene	11.92	106	64423	20.015	ug/l	98
70) Styrene	11.94	104	113218	18.967	ug/l	99
71) Bromoform	12.10	173	31753	19.216	ug/l #	99
73) Isopropylbenzene	12.22	105	175243	20.192	ug/l	100
74) N-amyl acetate	12.05	43	60949	19.609	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	57972	19.679	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	69308	28.135	ug/l #	100
77) Bromobenzene	12.50	156	47930	20.081	ug/l	99
78) n-propylbenzene	12.57	91	203064	20.528	ug/l	99
79) 2-Chlorotoluene	12.65	91	123889	19.911	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	149615	20.854	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	16847	18.783	ug/l	98
82) 4-Chlorotoluene	12.75	91	125261	19.771	ug/l	99
83) tert-Butylbenzene	12.97	119	126164	20.375	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	144145	20.624	ug/l	100
85) sec-Butylbenzene	13.15	105	169999	20.314	ug/l	100
86) p-Isopropyltoluene	13.26	119	144194	19.775	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	81963	19.981	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	82597	19.838	ug/l	99
89) n-Butylbenzene	13.59	91	113504	18.284	ug/l	99
90) Hexachloroethane	13.85	117	30117	19.432	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	80968	20.434	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	9127	20.882	ug/l	96

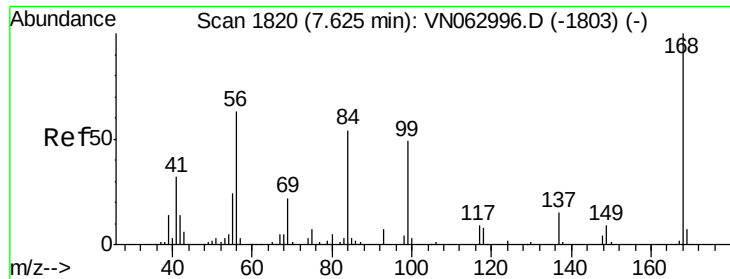
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	34609	18.870	ug/l	99
94) Hexachlorobutadiene	14.98	225	27834	19.010	ug/l	99
95) Naphthalene	15.11	128	74579	18.727	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	34826	18.857	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

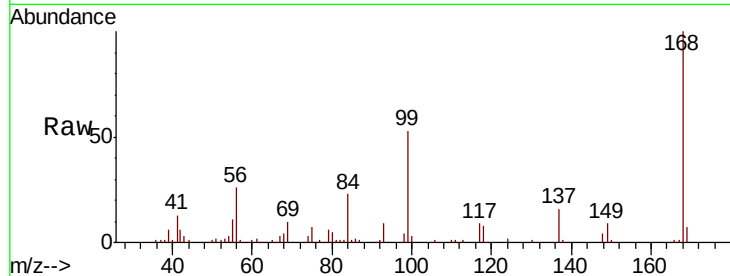
BFB

Tot Ion:168 Resp: 185833

Ion Ratio Lower Upper

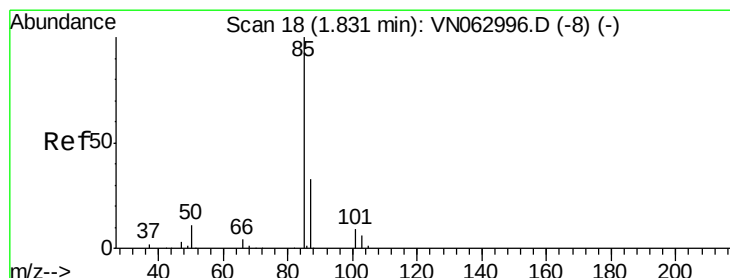
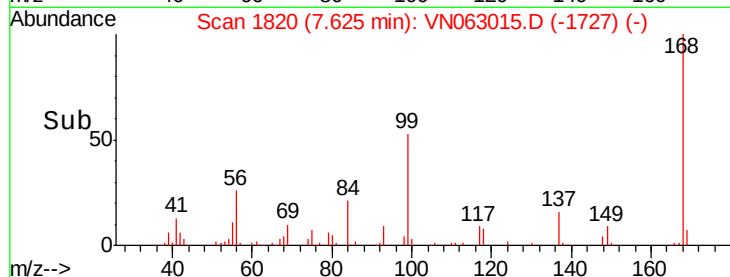
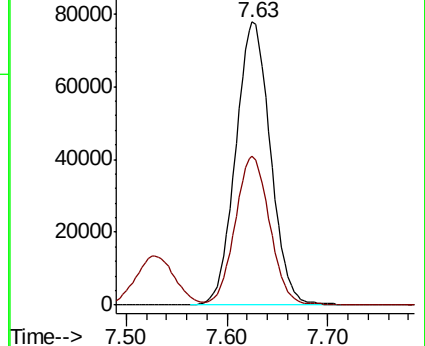
168 100

99 52.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 21.047 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN063015.D

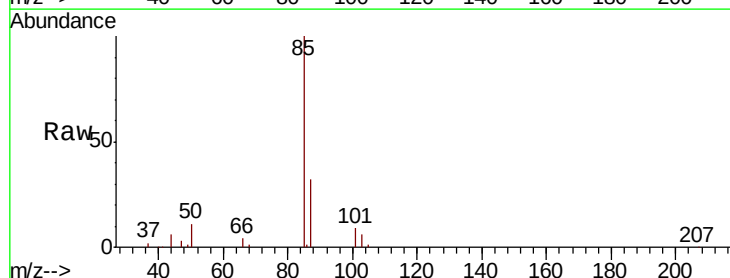
Acq: 19 Aug 2020 15:56

Tgt Ion: 85 Resp: 50710

Ion Ratio Lower Upper

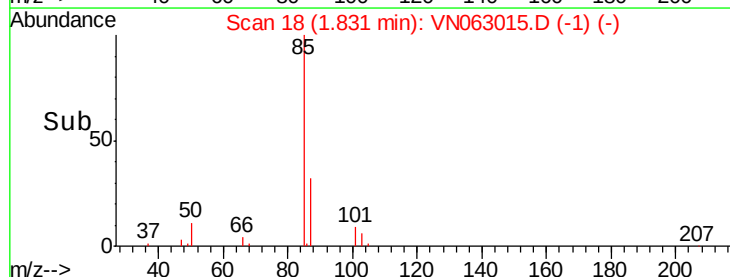
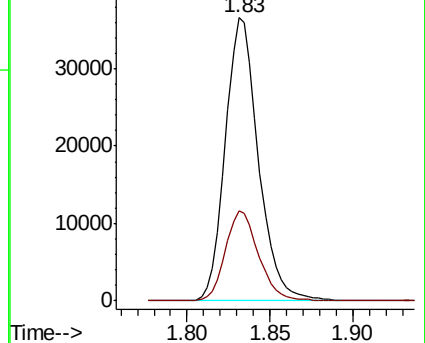
85 100

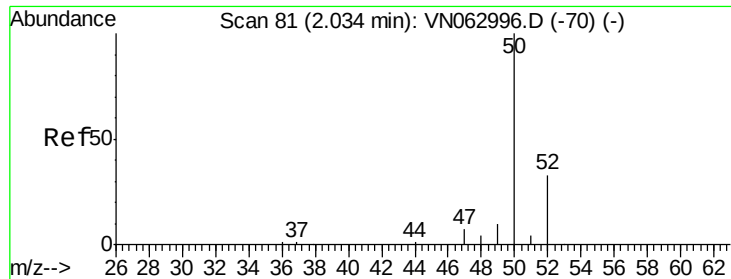
87 31.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 21.554 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

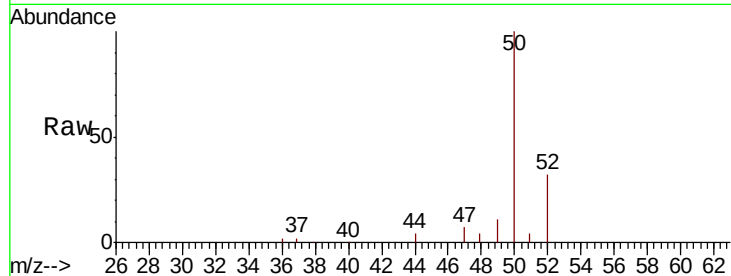
BFB

Tot Ion: 50 Resp: 54921

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

40000

30000

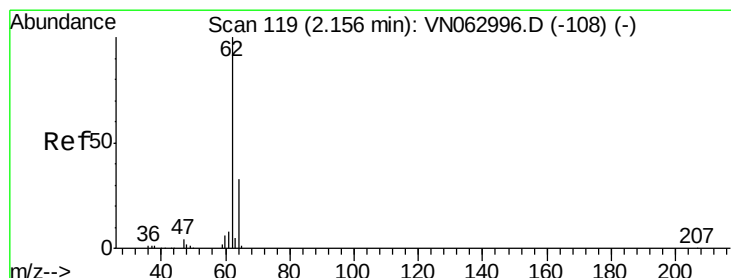
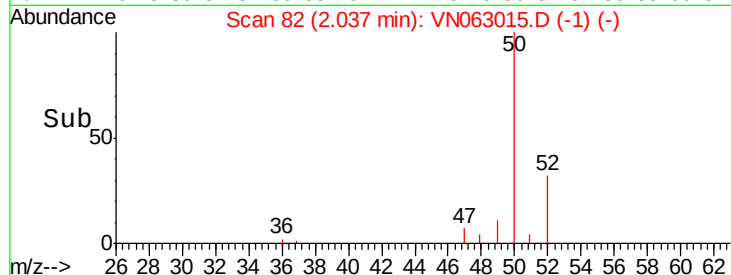
20000

10000

0

Time-->

1.95 2.00 2.05 2.10 2.15



#4

Vinyl Chloride

Concen: 22.152 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN063015.D

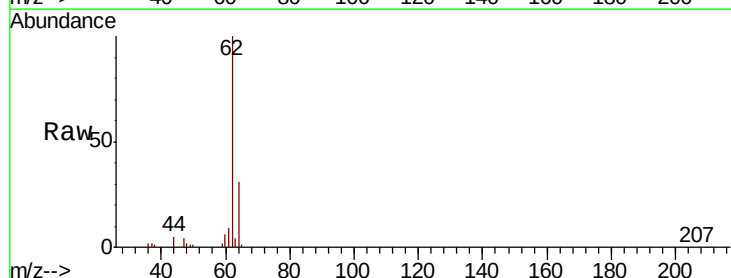
Acq: 19 Aug 2020 15:56

Tgt Ion: 62 Resp: 54586

Ion Ratio Lower Upper

62 100

64 30.6 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

40000

30000

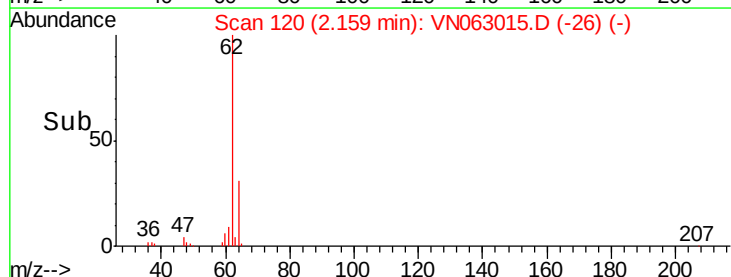
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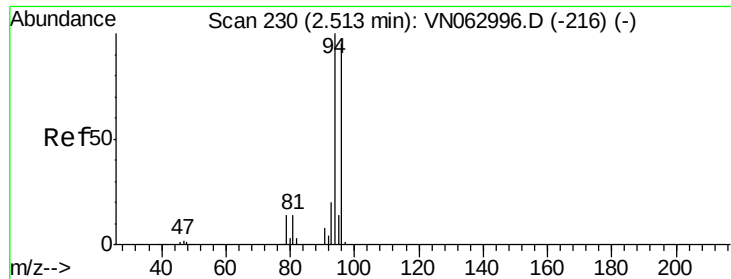
10000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 22.142 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.01 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

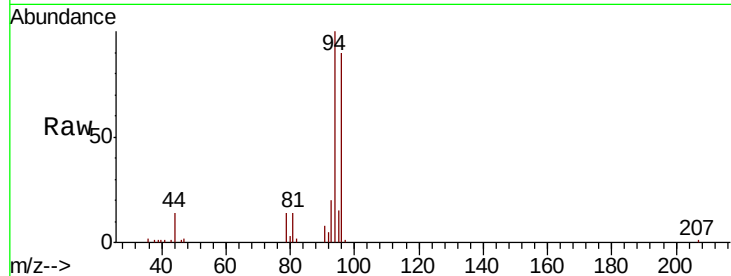
BFB

Tot Ion: 94 Resp: 32385

Ion Ratio Lower Upper

94 100

96 90.1 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN062996.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062996.D (-216) (-)

2.52

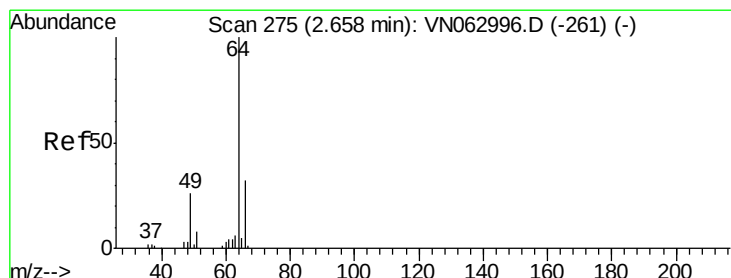
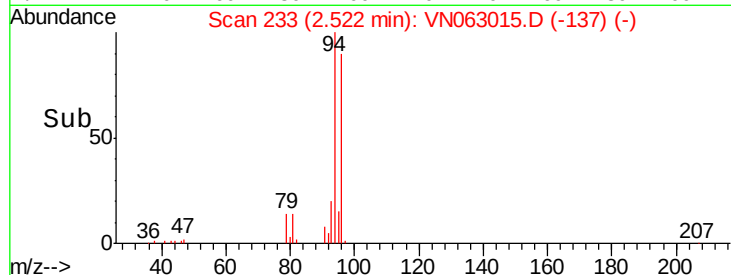
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 21.572 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.01 min

Lab File: VN063015.D

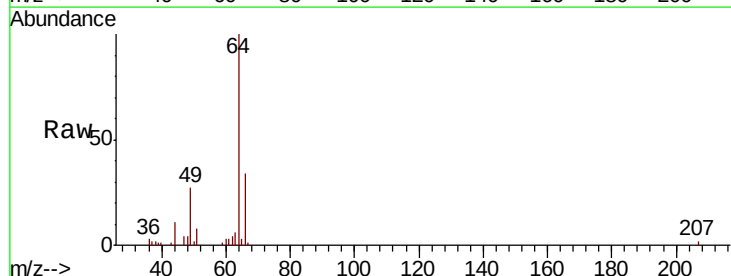
Acq: 19 Aug 2020 15:56

Tgt Ion: 64 Resp: 31384

Ion Ratio Lower Upper

64 100

66 33.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN062996.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062996.D (-261) (-)

2.66

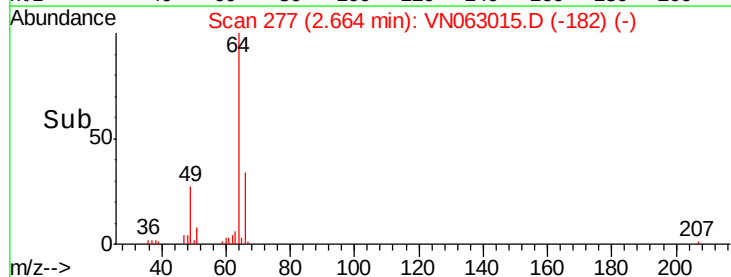
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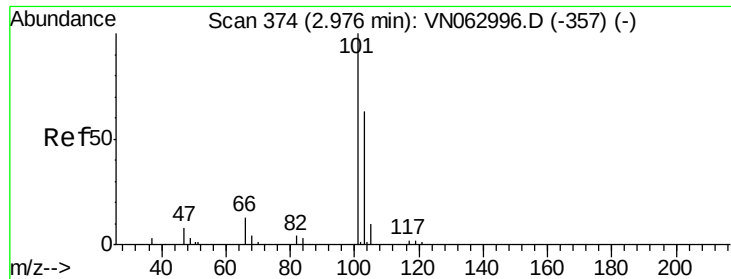
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5000

0

Time-->



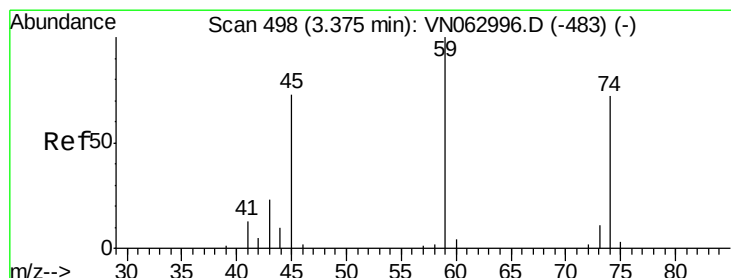
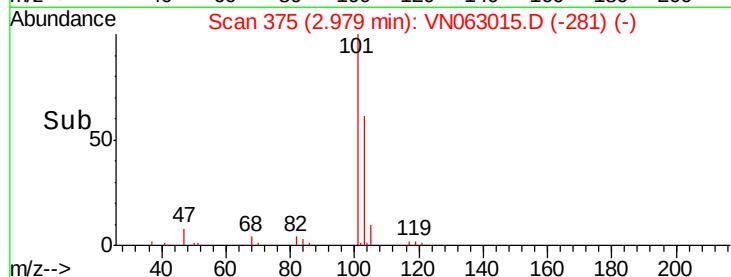
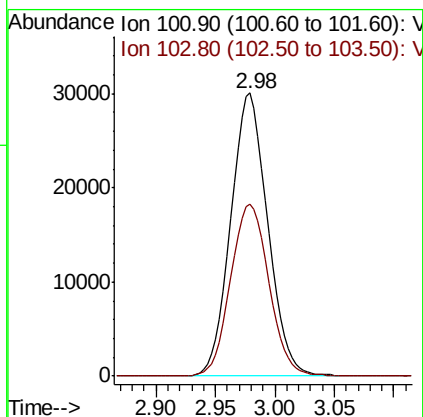
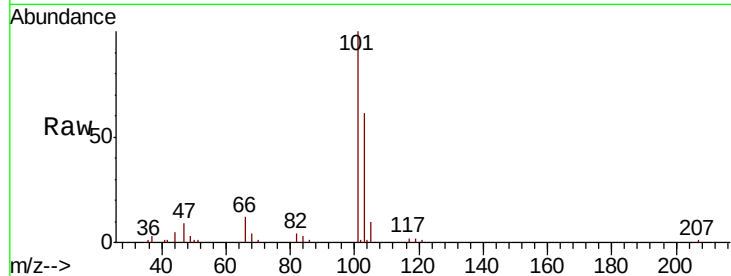


#7

Trichlorofluoromethane
 Concen: 21.056 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

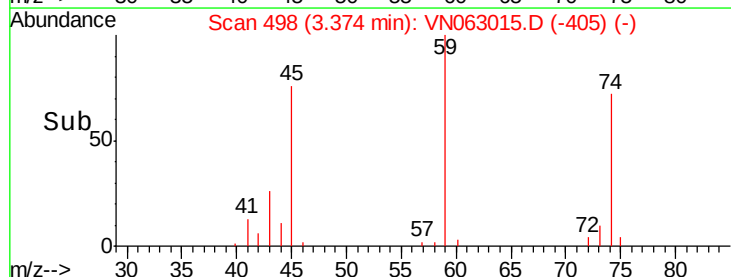
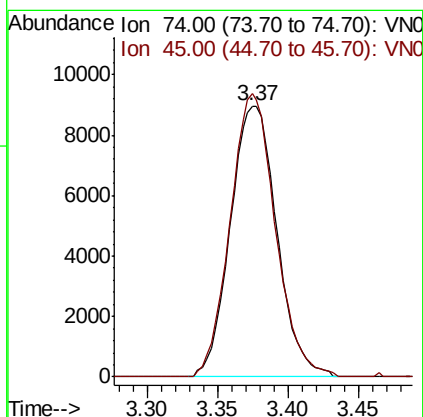
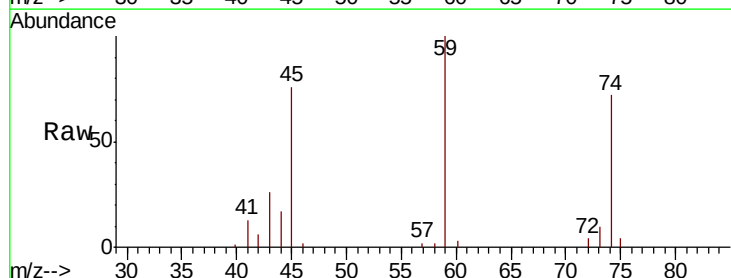
Tot Ion:101 Resp: 64705
 Ion Ratio Lower Upper
 101 100
 103 60.9 50.5 75.7

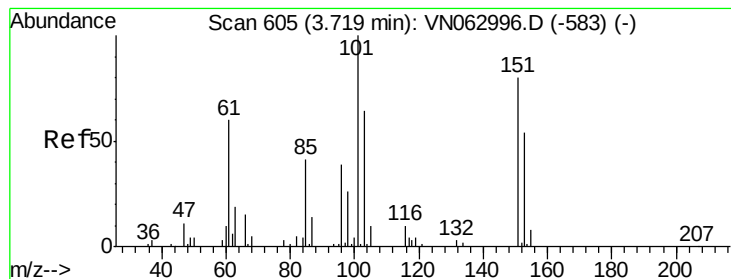


#8

Diethyl Ether
 Concen: 18.996 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion: 74 Resp: 20651
 Ion Ratio Lower Upper
 74 100
 45 101.7 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.724 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

BFB

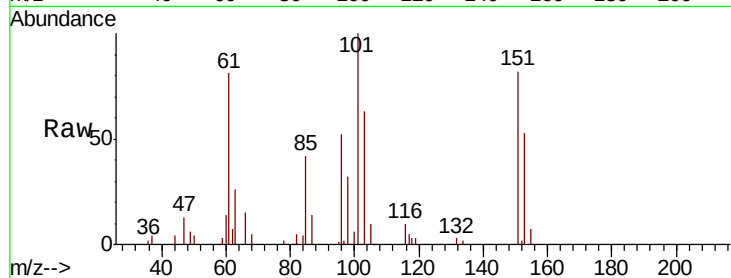
Tot Ion:101 Resp: 32660

Ion Ratio Lower Upper

101 100

85 43.5 34.0 51.0

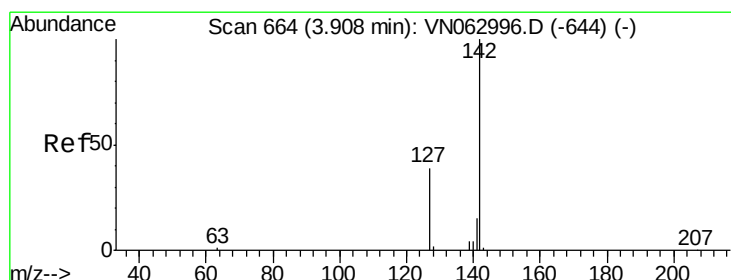
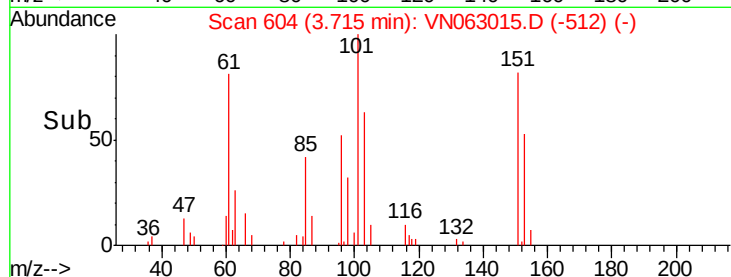
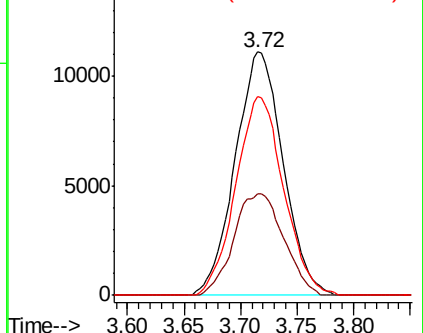
151 81.7 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.799 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

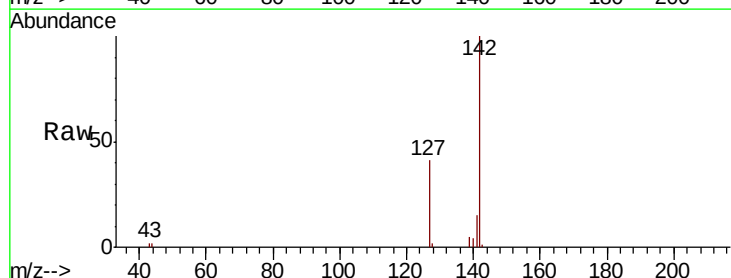
Tgt Ion:142 Resp: 41556

Ion Ratio Lower Upper

142 100

127 42.4 32.2 48.4

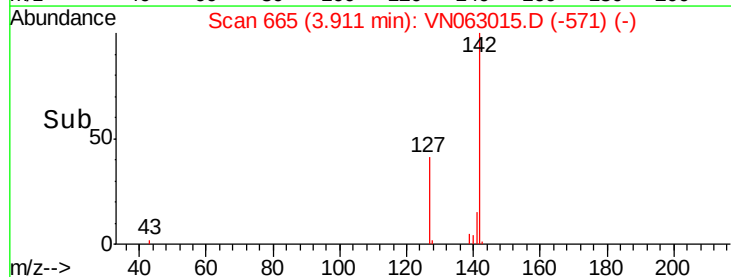
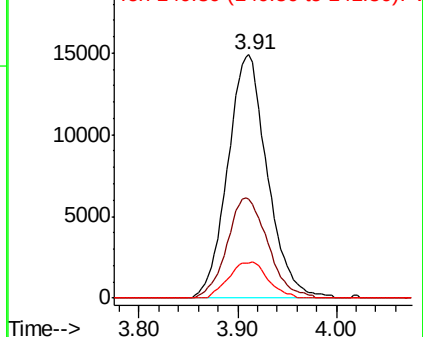
141 14.7 11.3 16.9

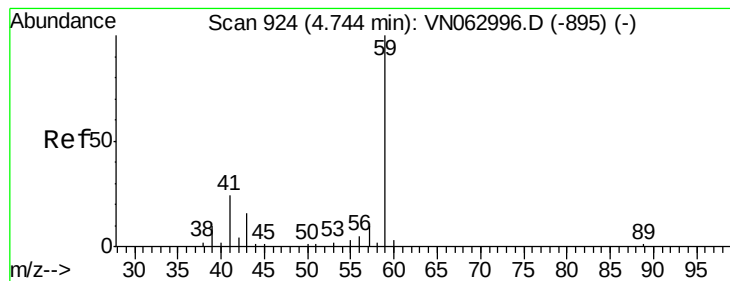


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



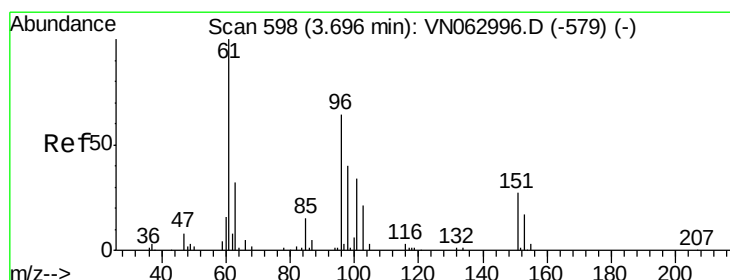
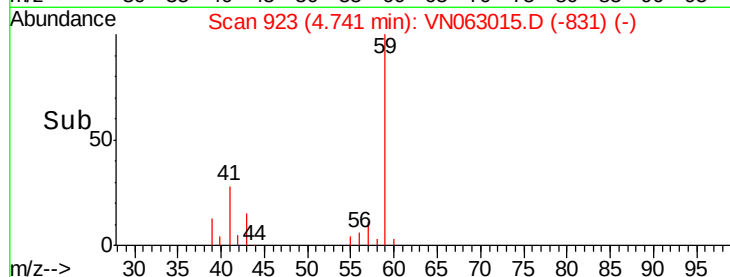
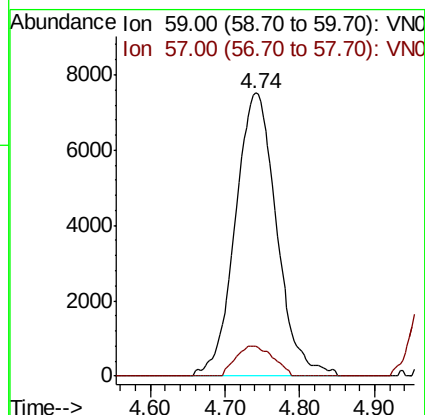
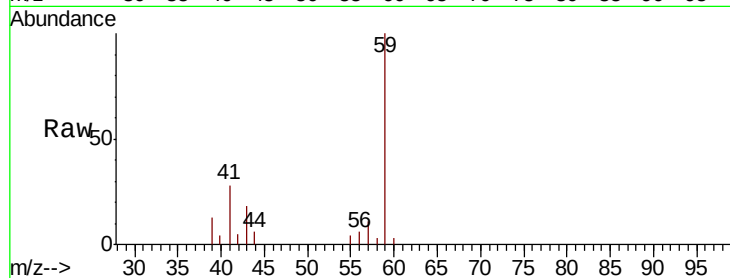


#11

Tert butyl alcohol
 Concen: 92.515 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

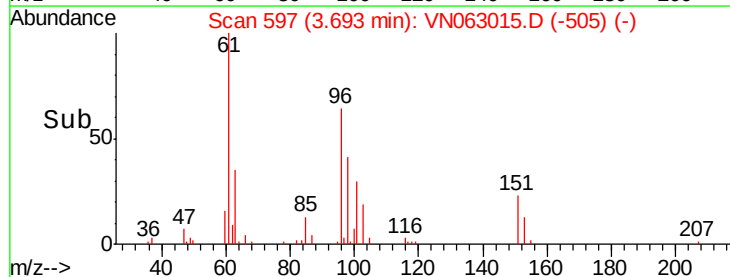
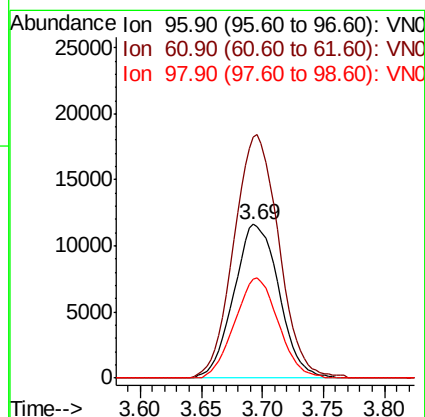
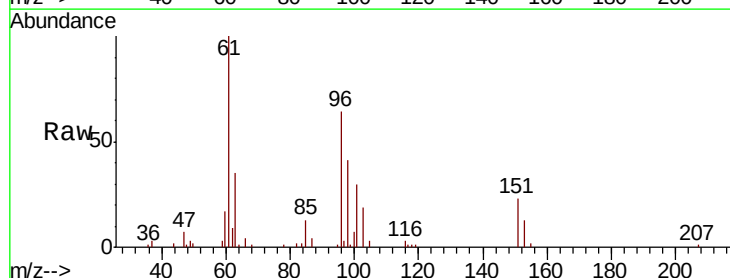
Tot Ion: 59 Resp: 28862
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.8 11.6

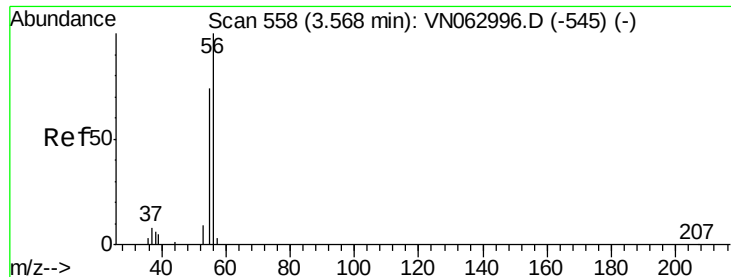


#12

1,1-Dichloroethene
 Concen: 18.951 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion: 96 Resp: 29893
 Ion Ratio Lower Upper
 96 100
 61 156.9 125.5 188.3
 98 64.6 50.4 75.6





#13

Acrolein

Concen: 51.385 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

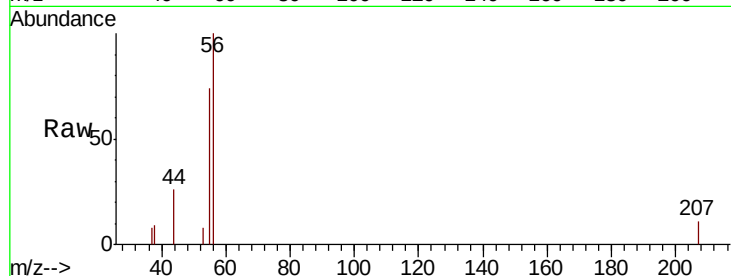
BFB

Tot Ion: 56 Resp: 5022

Ion Ratio Lower Upper

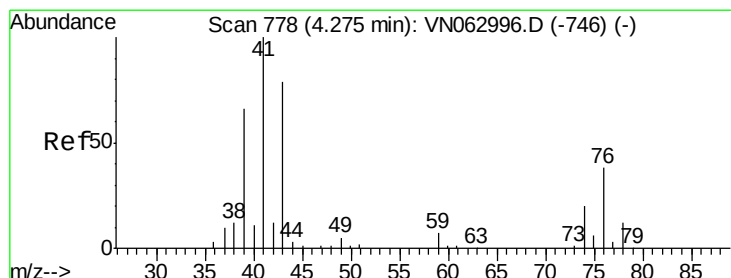
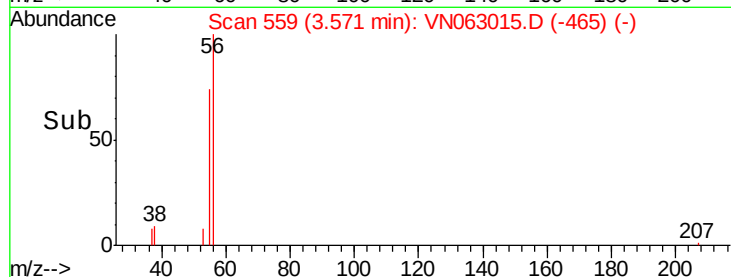
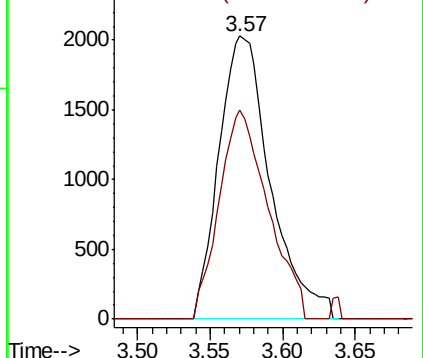
56 100

55 70.0 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.023 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

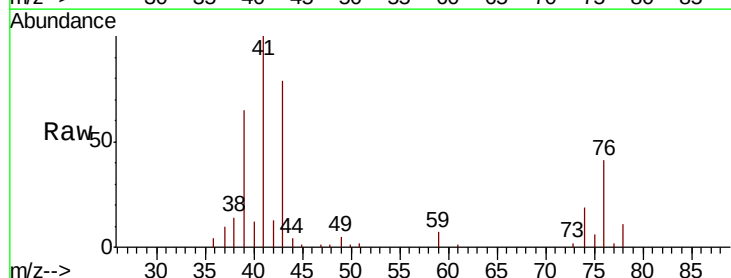
Tgt Ion: 41 Resp: 52909

Ion Ratio Lower Upper

41 100

39 61.3 47.9 71.9

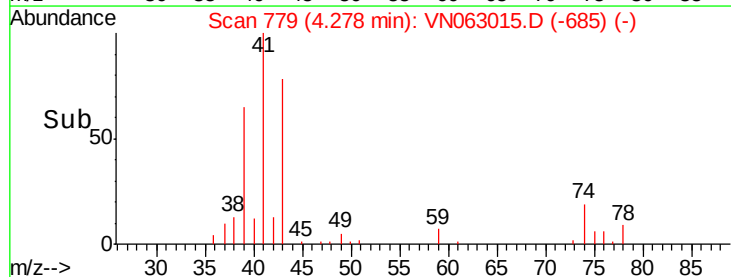
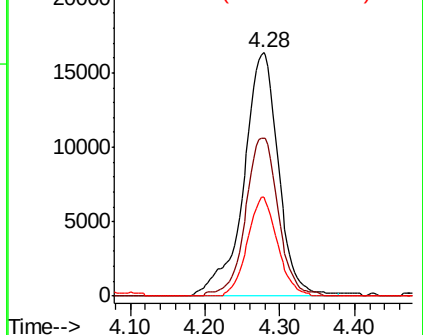
76 35.0 27.0 40.6

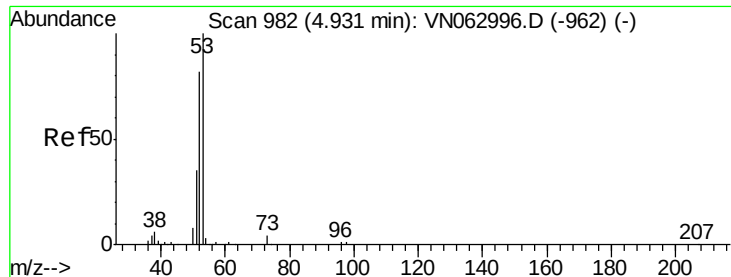


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.967 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

BFB

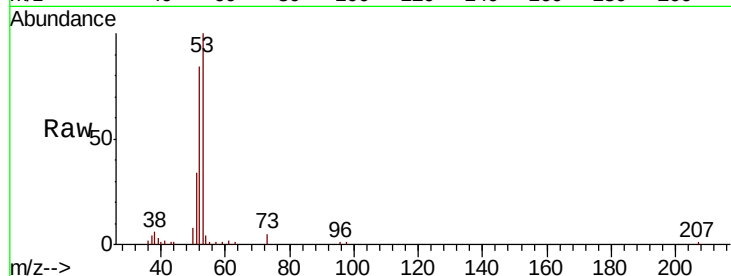
Tot Ion: 53 Resp: 87996

Ion Ratio Lower Upper

53 100

52 81.5 65.6 98.4

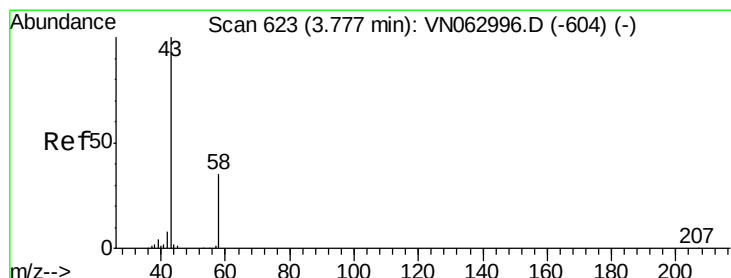
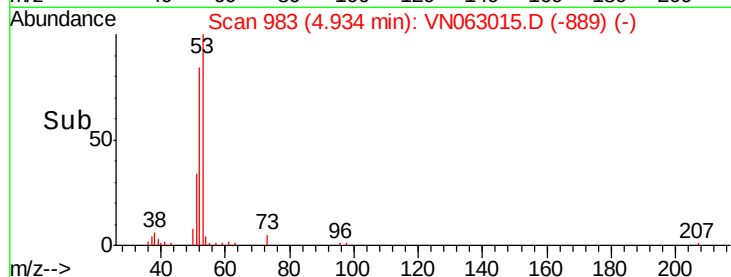
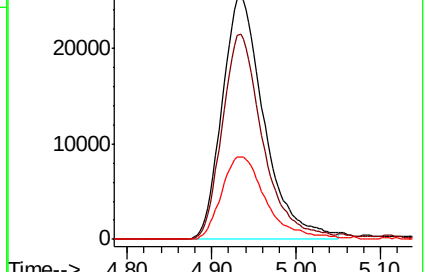
51 36.1 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN062996.D (-962) (-)

Ion 52.00 (51.70 to 52.70): VN062996.D (-962) (-)

Ion 51.00 (50.70 to 51.70): VN062996.D (-962) (-)



#16

Acetone

Concen: 102.105 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN063015.D

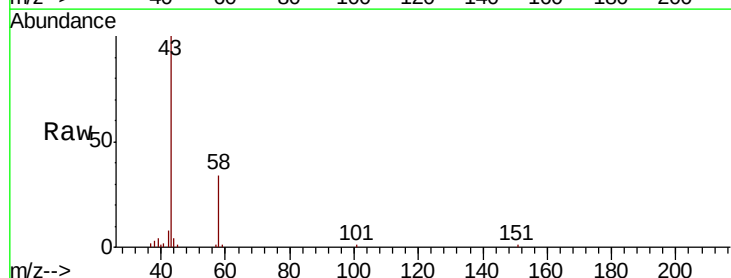
Acq: 19 Aug 2020 15:56

Tgt Ion: 43 Resp: 71721

Ion Ratio Lower Upper

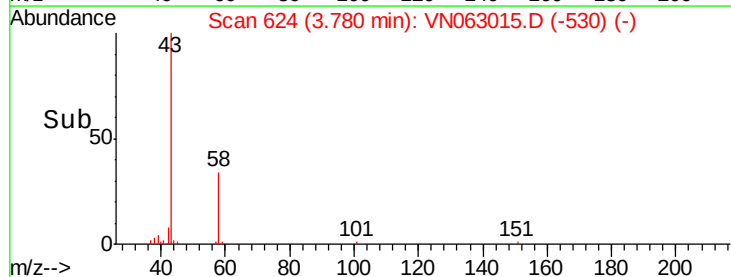
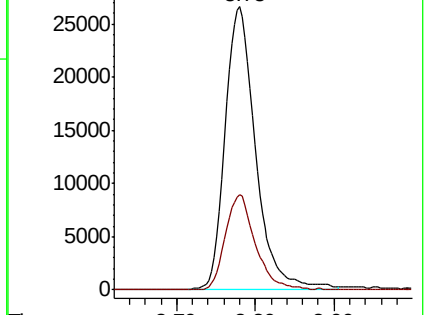
43 100

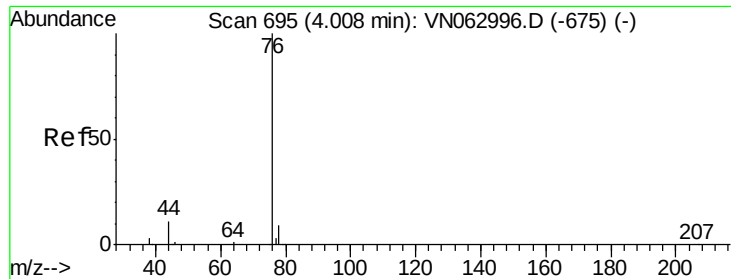
58 33.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-604) (-)

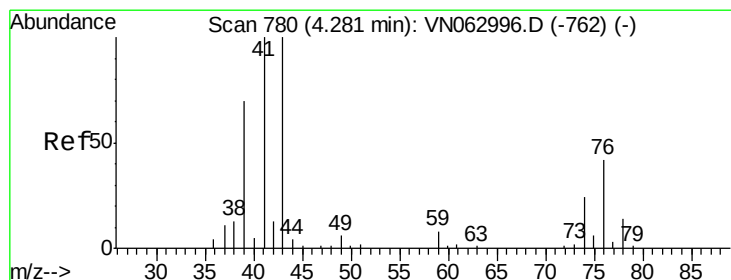
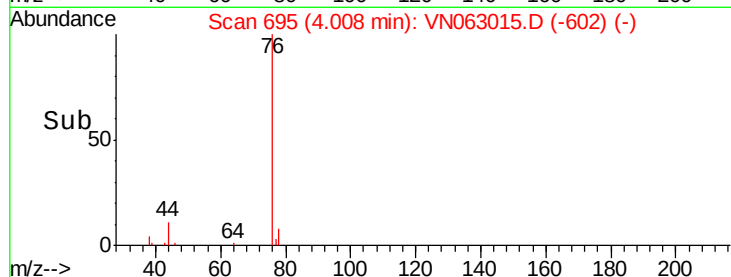
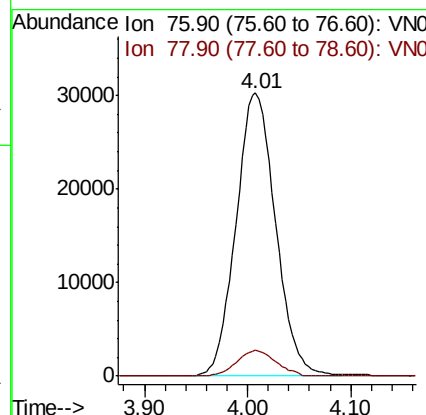
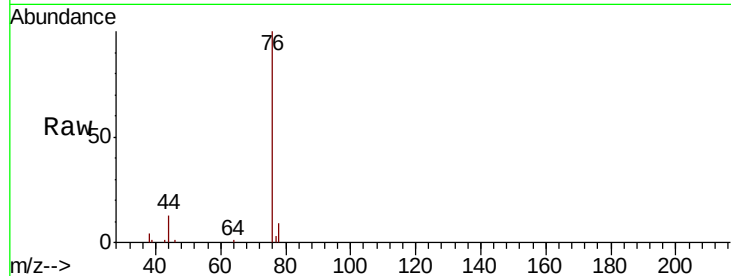




#17
Carbon Disulfide
Concen: 19.553 ug/l
RT: 4.01 min Scan# 695
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

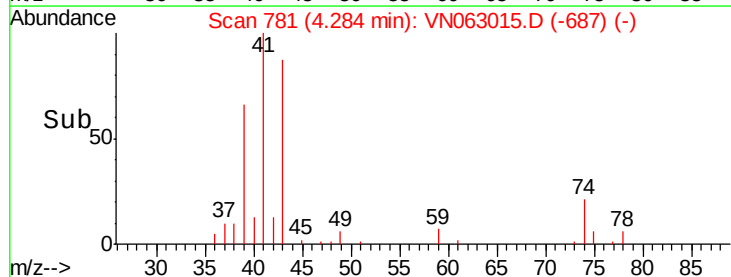
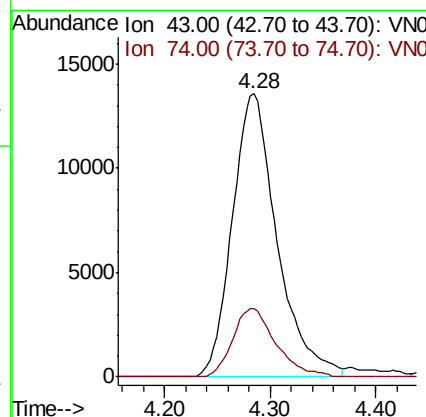
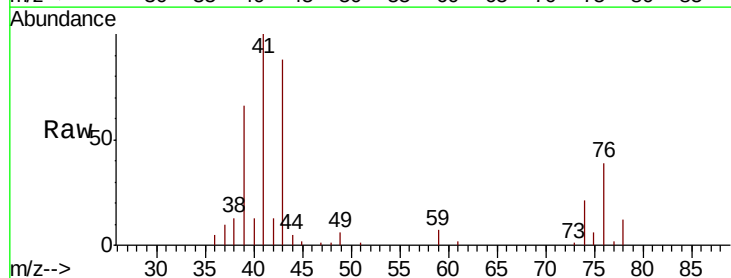
Instrument :
MSVOA_N
ClientSampleId :
BFB

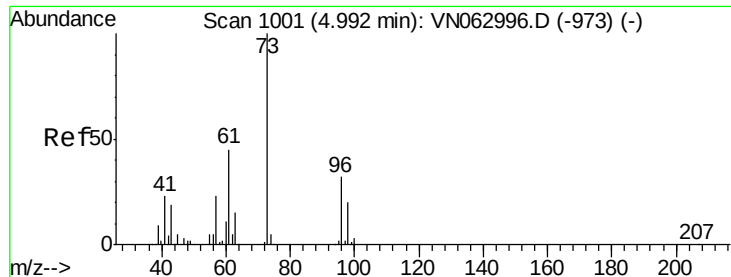
Tot Ion: 76 Resp: 80774
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 18.295 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Tgt Ion: 43 Resp: 40043
Ion Ratio Lower Upper
43 100
74 23.2 18.6 28.0



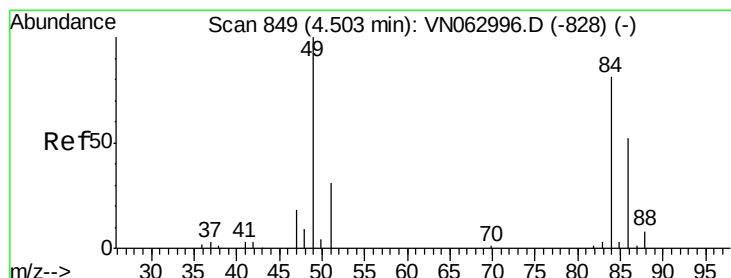
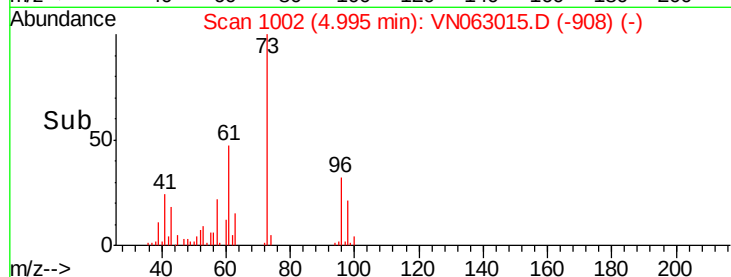
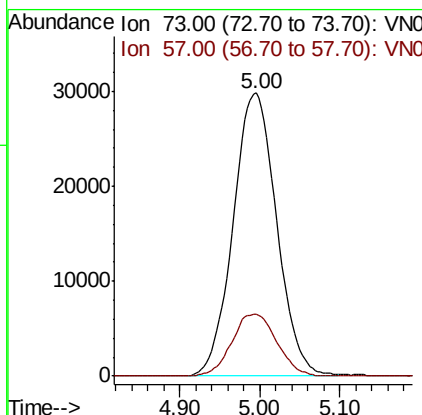
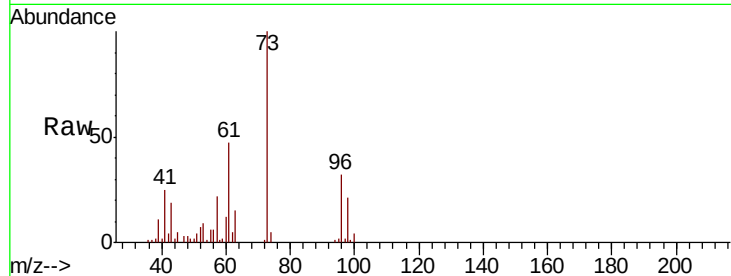


#19

Methyl tert-butyl Ether
 Concen: 20.058 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

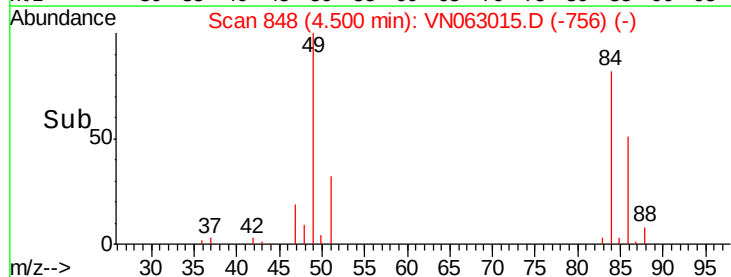
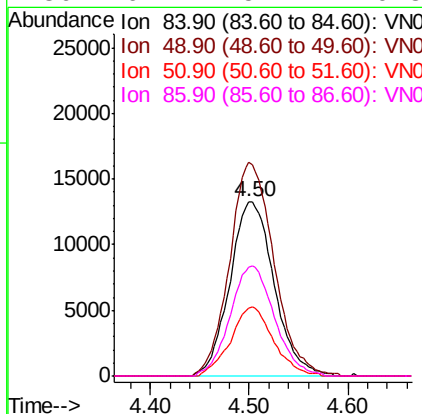
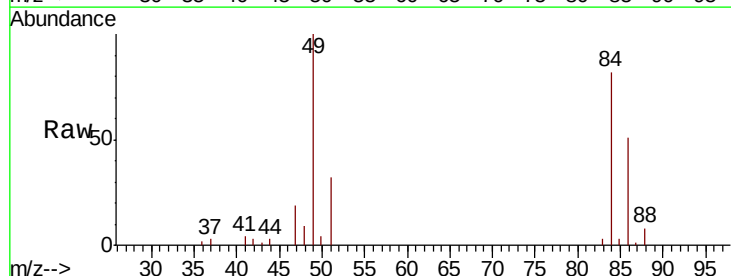
Tot Ion: 73 Resp: 110341
 Ion Ratio Lower Upper
 73 100
 57 21.7 18.1 27.1

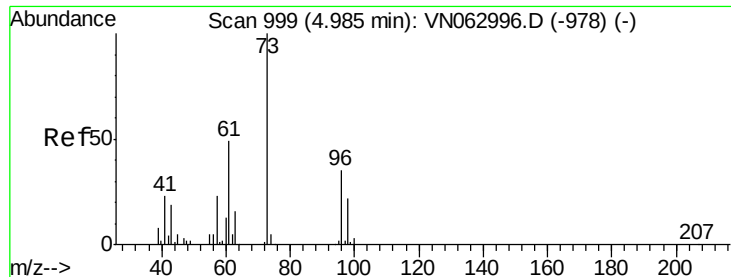


#20

Methylene Chloride
 Concen: 20.508 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion: 84 Resp: 41352
 Ion Ratio Lower Upper
 84 100
 49 122.5 98.7 148.1
 51 38.7 30.8 46.2
 86 62.2 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 20.325 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

BFB

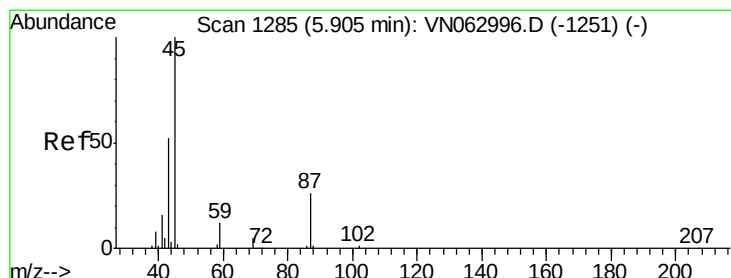
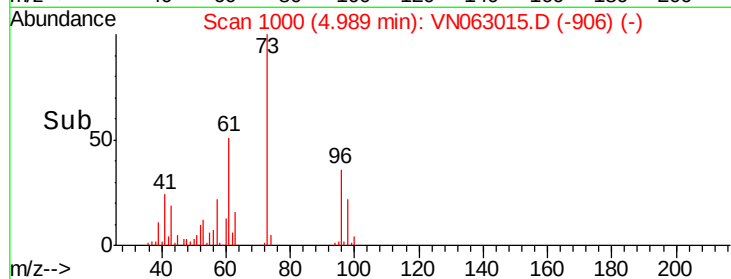
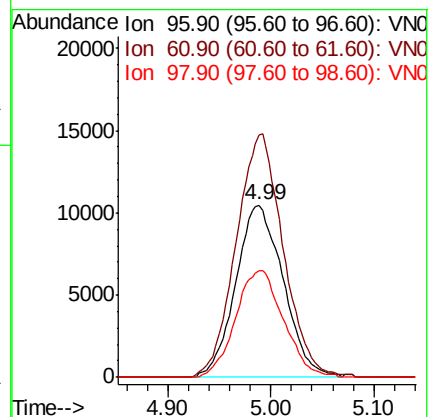
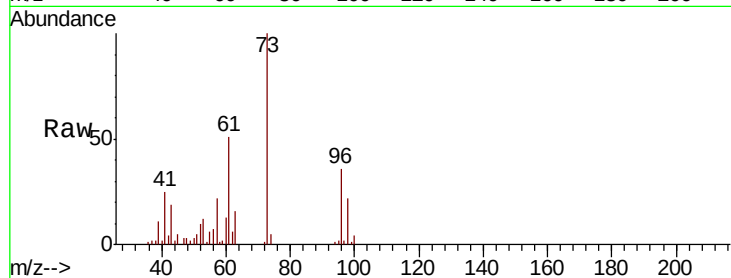
Tot Ion: 96 Resp: 33552

Ion Ratio Lower Upper

96 100

61 141.2 112.5 168.7

98 62.1 49.4 74.0



#22

Diisopropyl ether

Concen: 20.921 ug/l

RT: 5.90 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Tgt Ion: 45 Resp: 132040

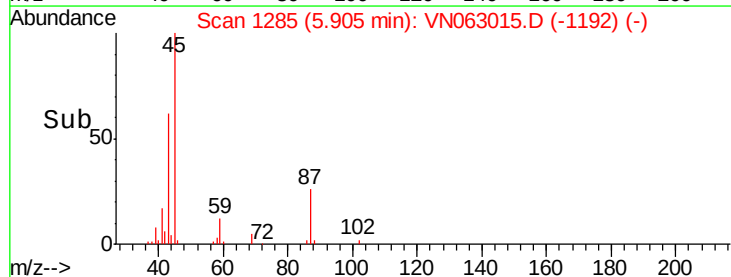
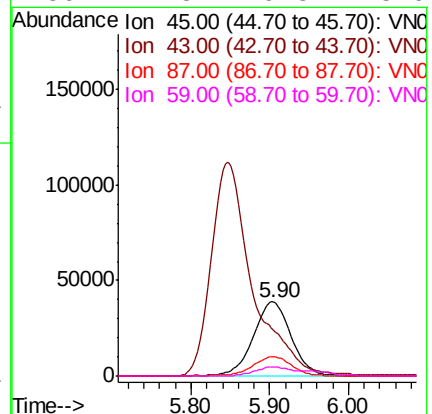
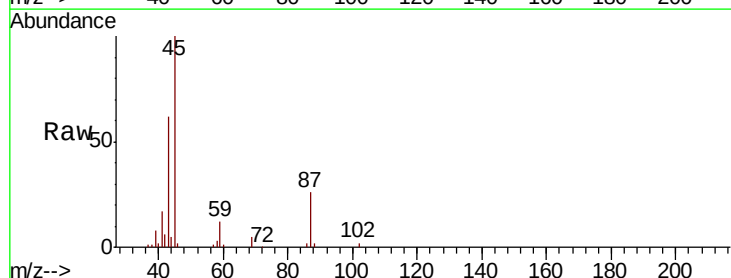
Ion Ratio Lower Upper

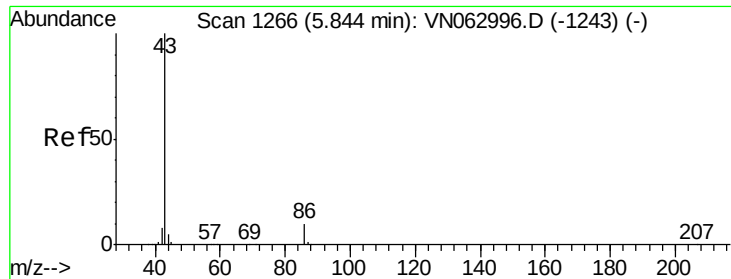
45 100

43 58.5 45.7 68.5

87 25.9 21.8 32.6

59 11.8 9.3 13.9

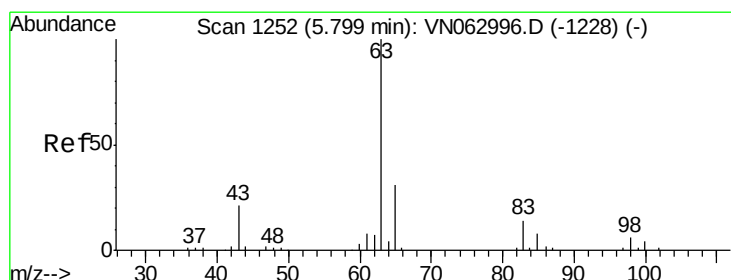
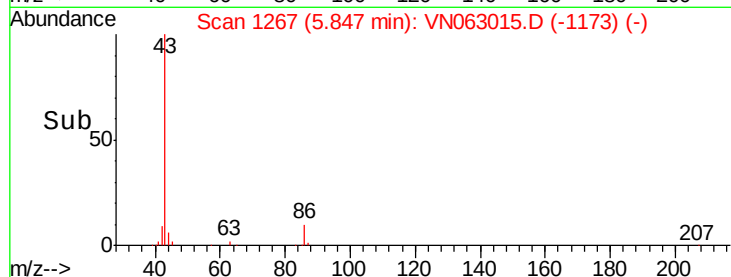
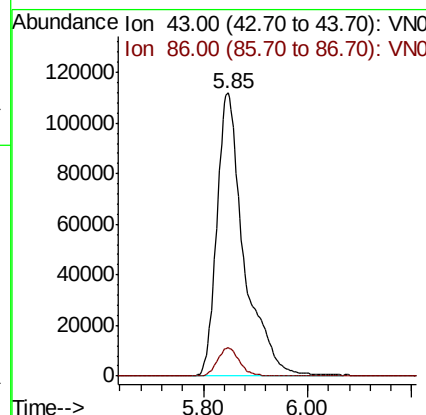
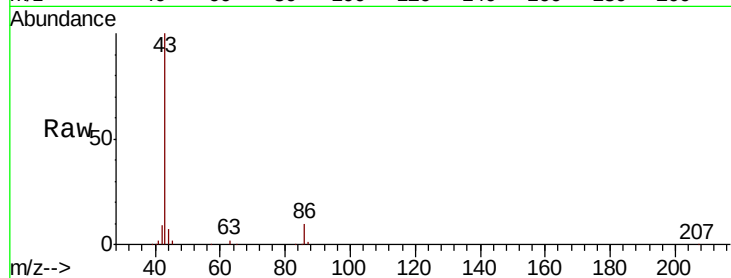




#23
 Vinyl Acetate
 Concen: 95.274 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

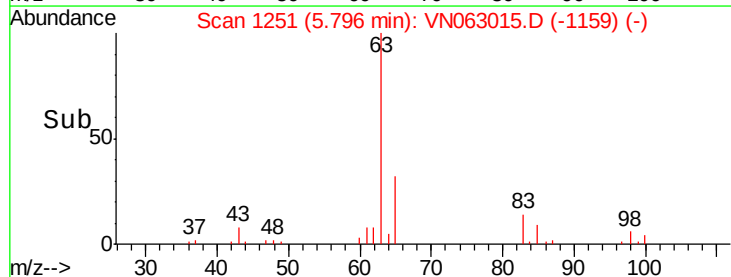
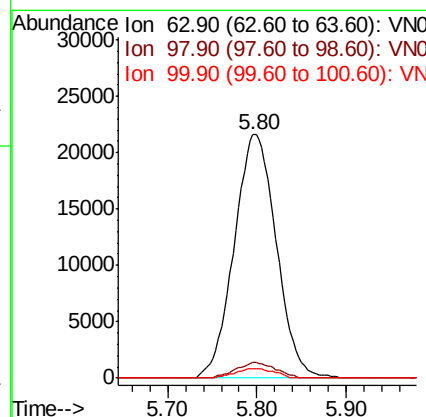
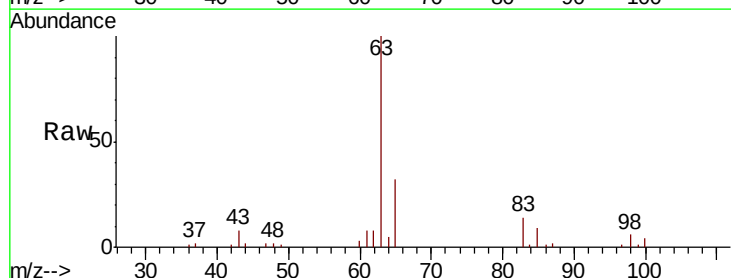
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

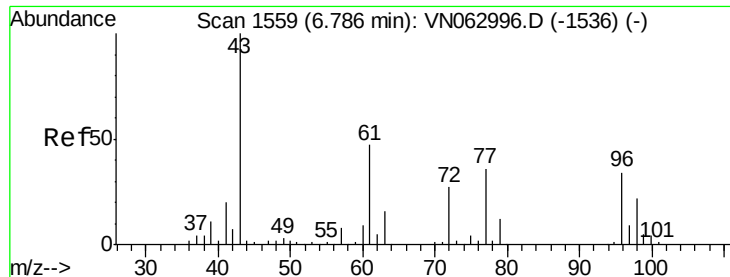
Tot Ion: 43 Resp: 405775
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 20.058 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion: 63 Resp: 70744
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.7
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 92.717 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

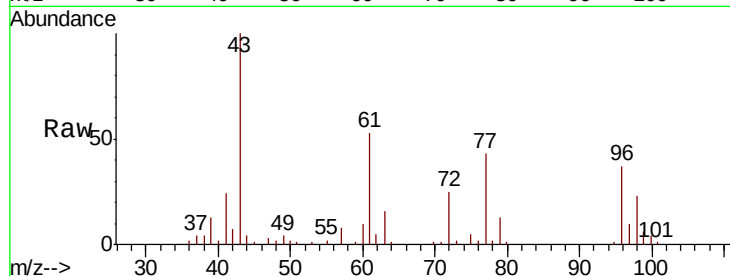
BFB

Tot Ion: 43 Resp: 108414

Ion Ratio Lower Upper

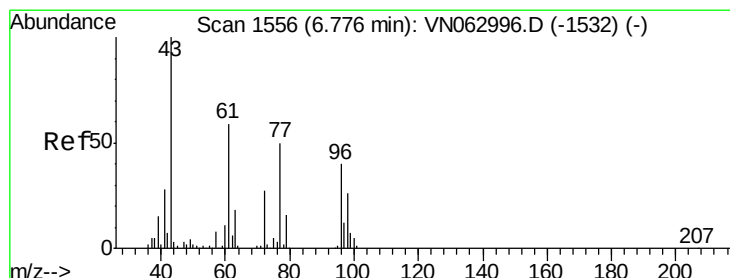
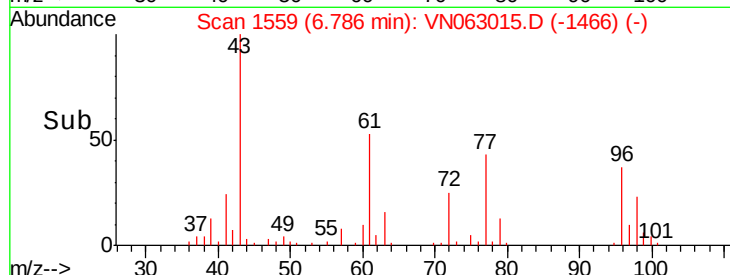
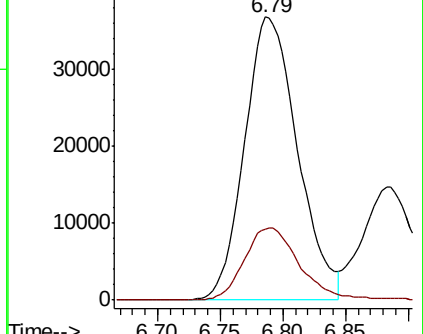
43 100

72 25.0 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: 19.937 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN063015.D

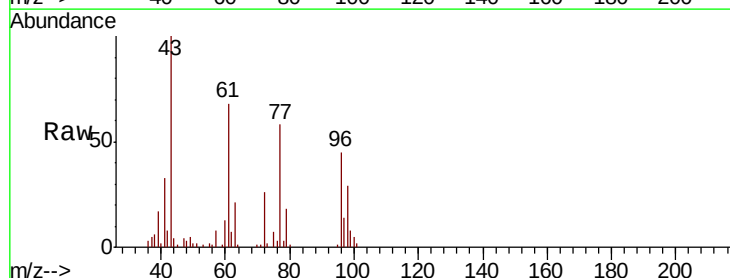
Acq: 19 Aug 2020 15:56

Tgt Ion: 77 Resp: 55300

Ion Ratio Lower Upper

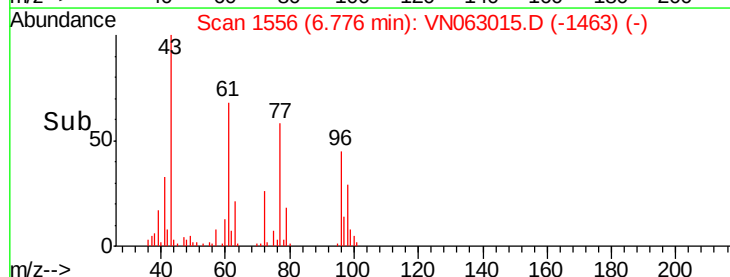
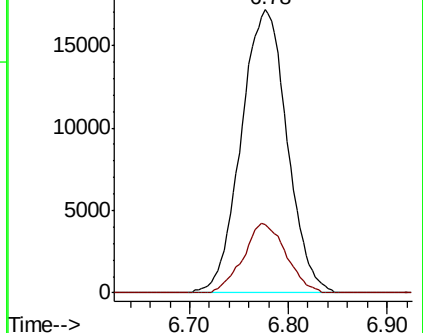
77 100

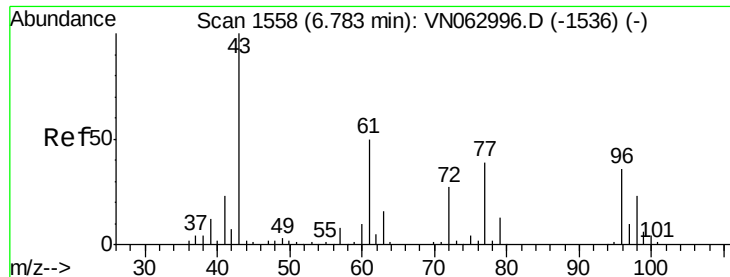
97 22.9 11.7 35.1



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: 19.689 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

BFB

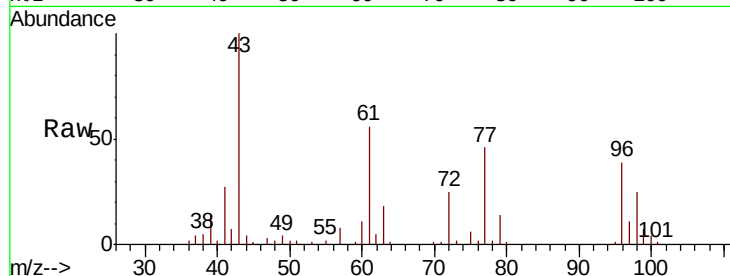
Tot Ion: 96 Resp: 40738

Ion Ratio Lower Upper

96 100

61 147.5 0.0 292.8

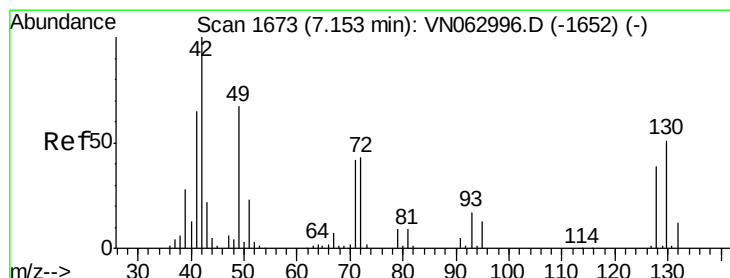
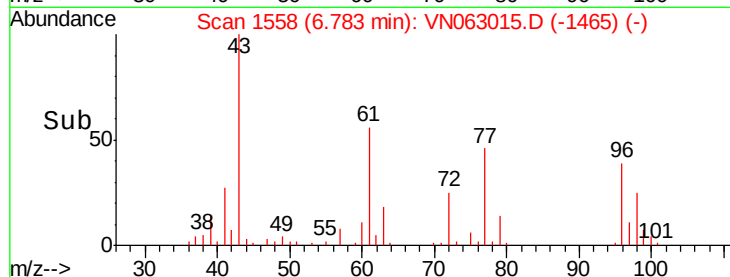
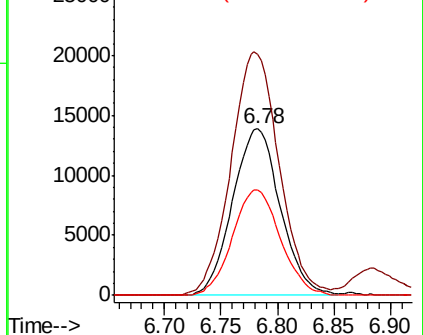
98 63.7 0.0 130.6



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: 19.911 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

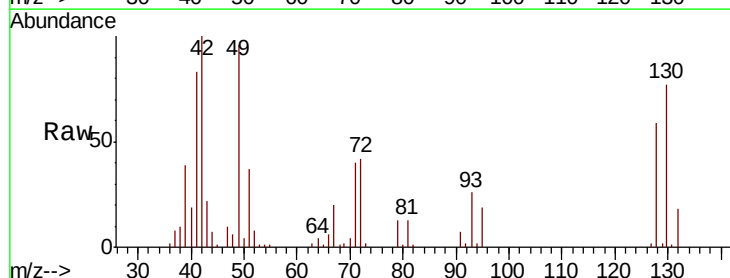
Tgt Ion: 49 Resp: 36744

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.6

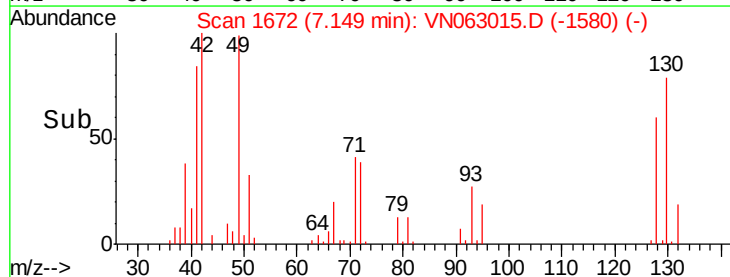
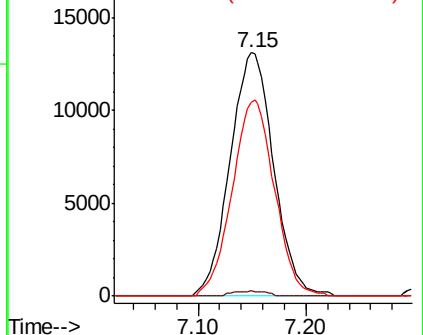
130 78.2 61.1 91.7

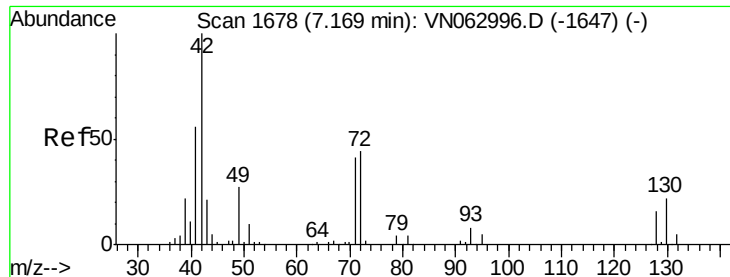


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

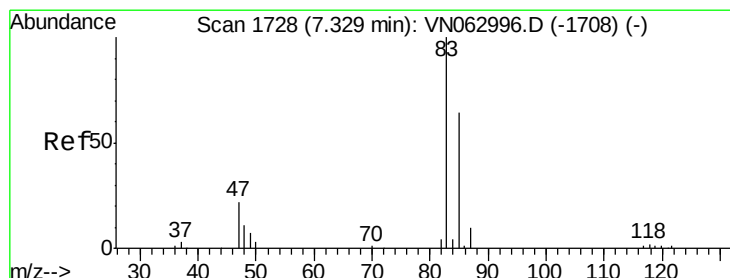
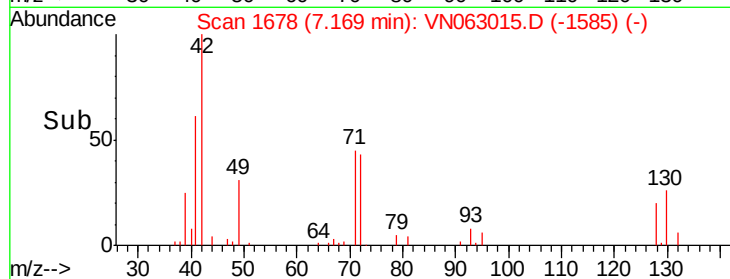
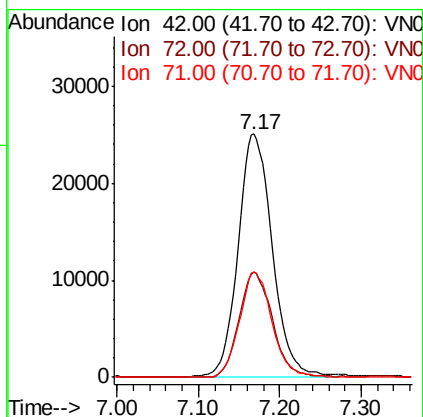
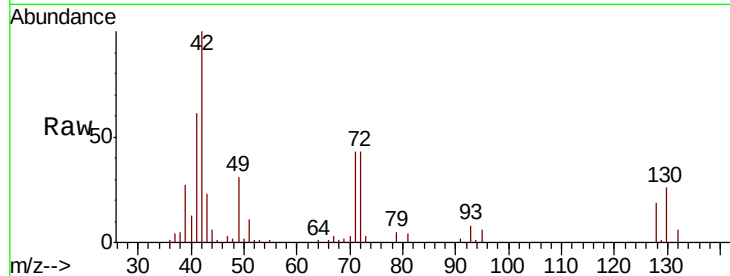




#29
Tetrahydrofuran
Concen: 96.668 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

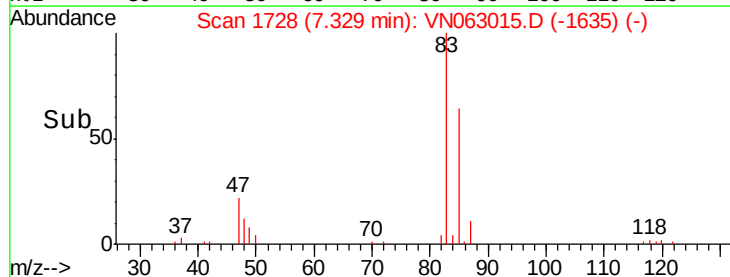
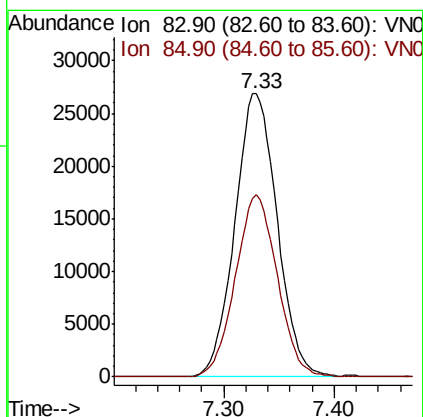
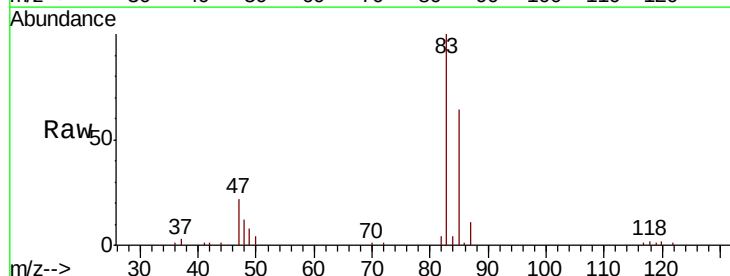
Instrument :
MSVOA_N
ClientSampled :
BFB

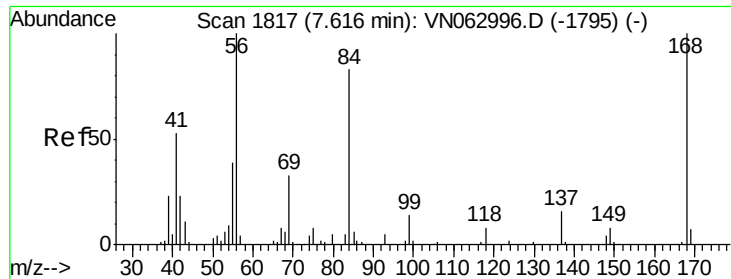
Tot Ion: 42 Resp: 72952
Ion Ratio Lower Upper
42 100
72 41.8 34.6 52.0
71 40.8 32.3 48.5



#30
Chloroform
Concen: 20.114 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Tgt Ion: 83 Resp: 71446
Ion Ratio Lower Upper
83 100
85 64.2 51.5 77.3

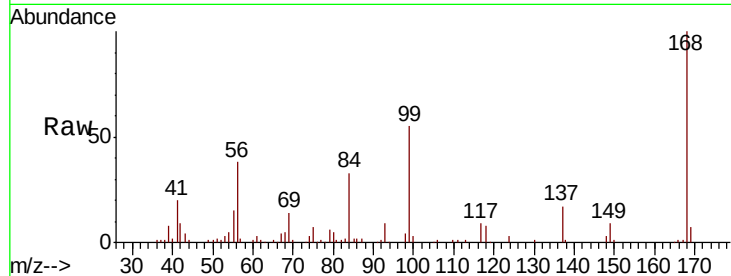




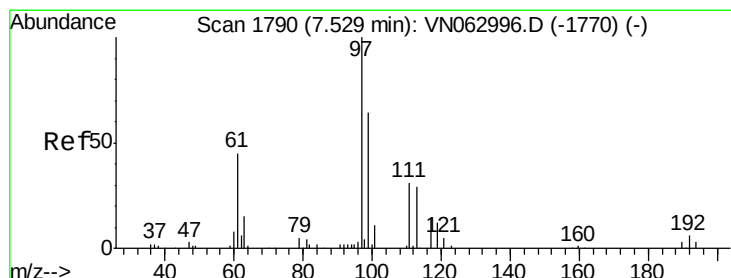
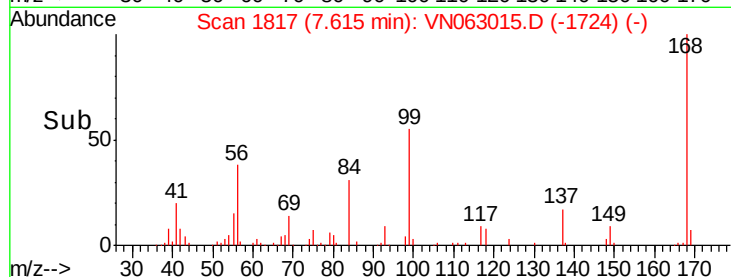
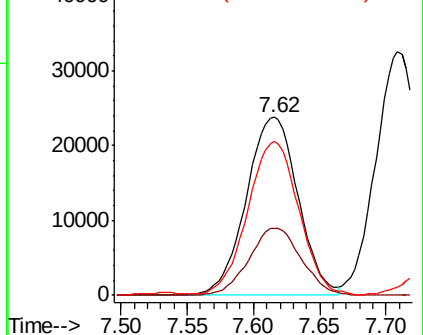
#31
Cyclohexane
Concen: 19.997 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 56 Resp: 64912
Ion Ratio Lower Upper
56 100
69 37.9 26.6 40.0
84 85.6 66.4 99.6

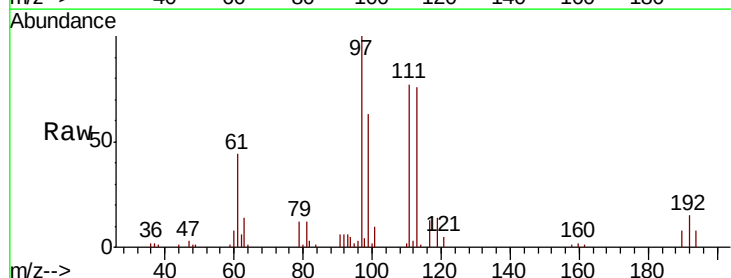


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

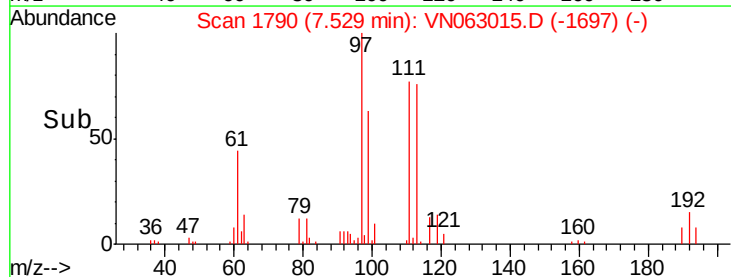
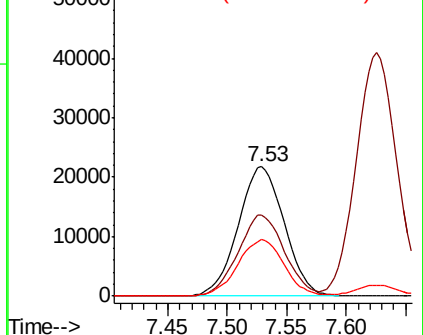


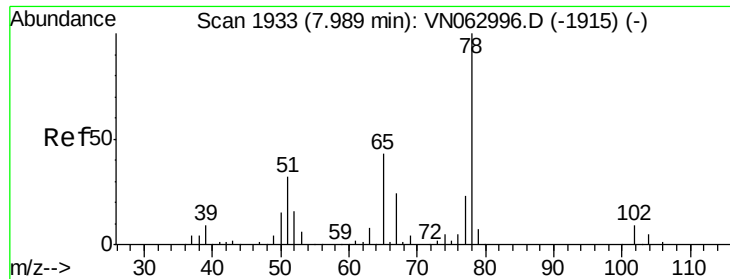
#32
1,1,1-Trichloroethane
Concen: 20.168 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Tgt Ion: 97 Resp: 58483
Ion Ratio Lower Upper
97 100
99 62.9 52.0 78.0
61 44.0 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

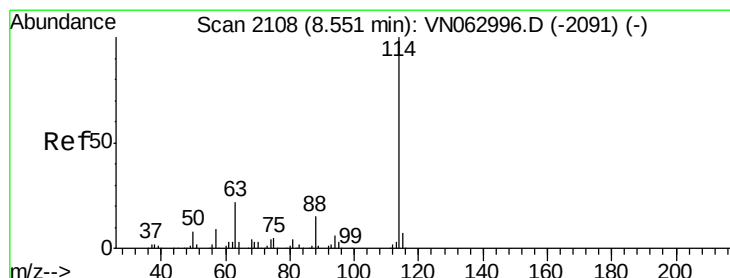
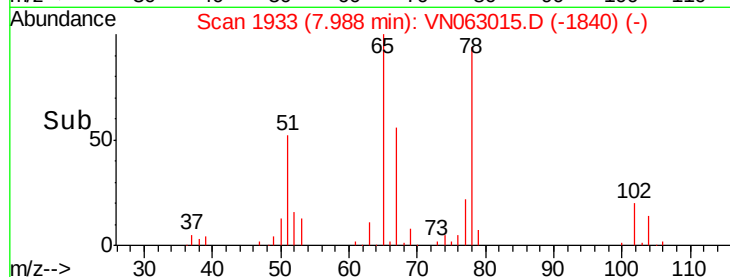
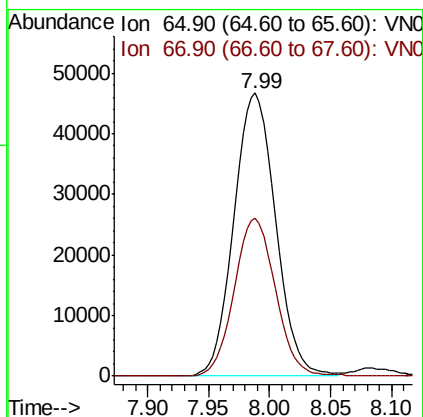
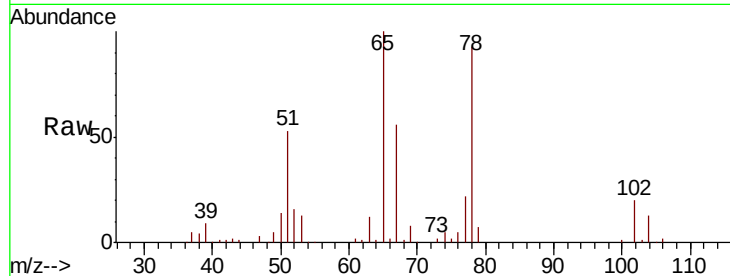




#33
 1,2-Dichloroethane-d4
 Concen: 50.270 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

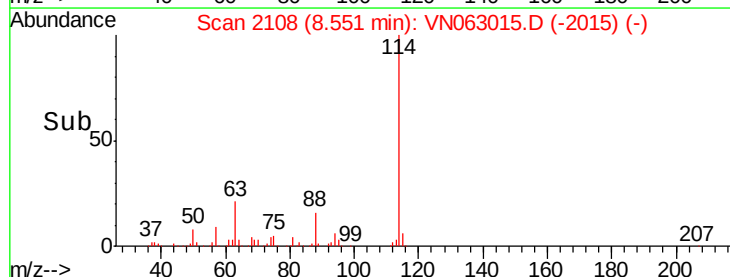
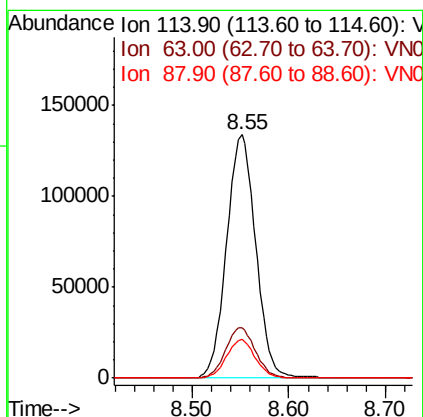
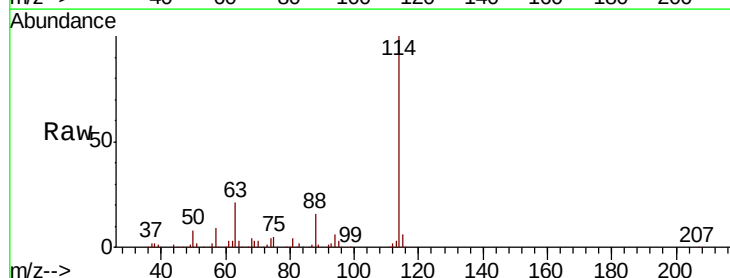
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

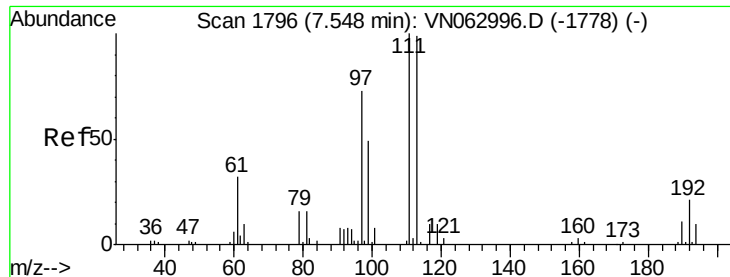
Tot Ion: 65 Resp: 110718
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion: 114 Resp: 280570
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.2
 88 15.8 0.0 30.6

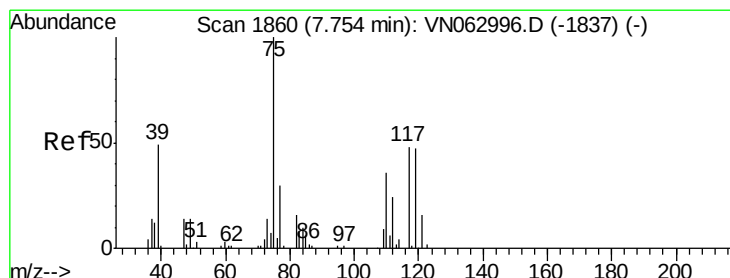
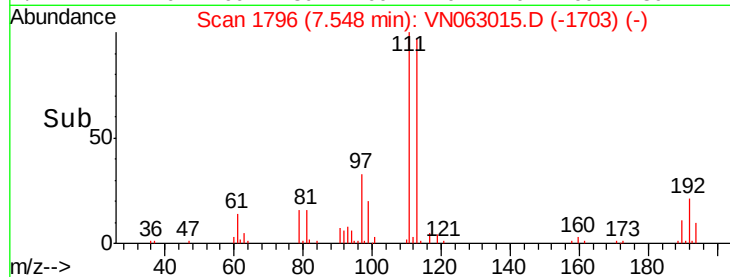
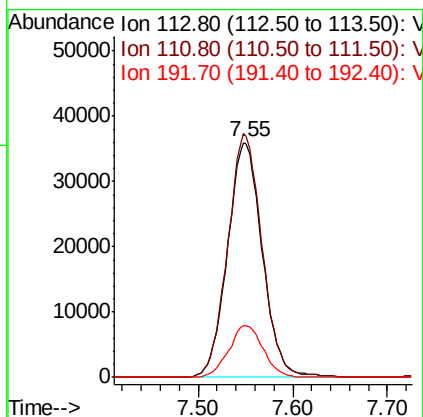
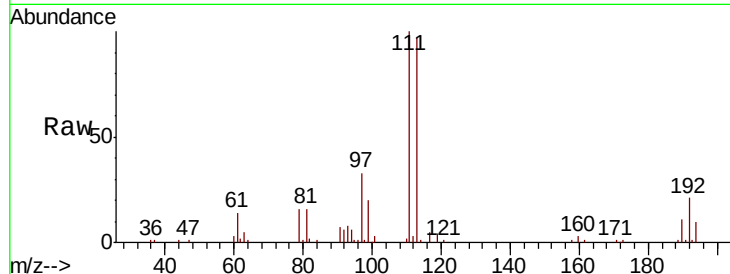




#35
 Dibromofluoromethane
 Concen: 50.276 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

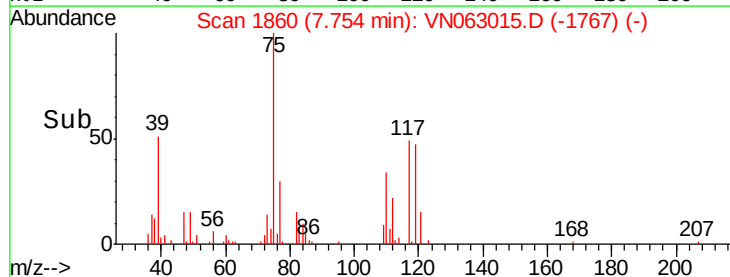
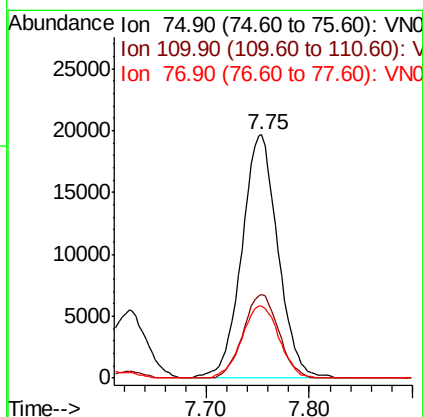
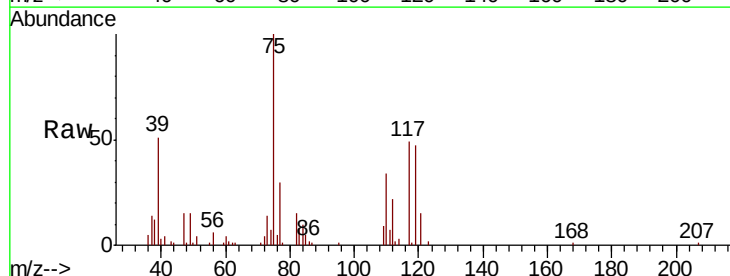
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

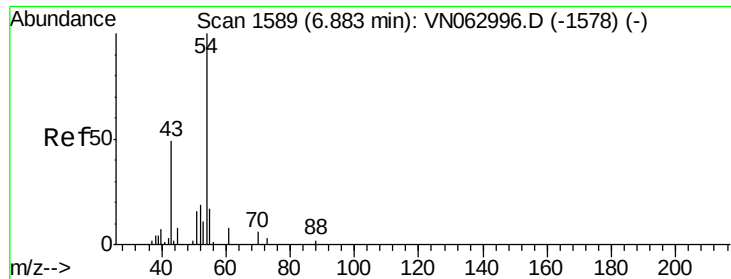
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.7	122.5
192	21.7	17.5	26.3



#36
 1,1-Dichloropropene
 Concen: 19.343 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	17.5	52.6
77	30.6	24.2	36.4

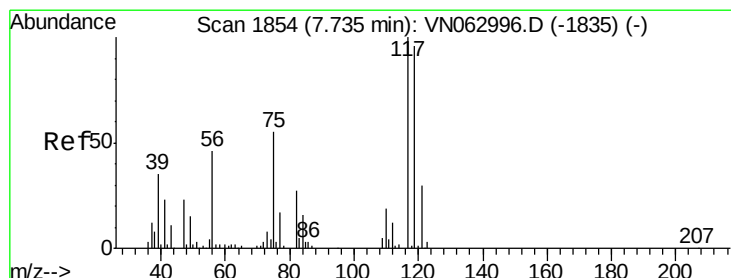
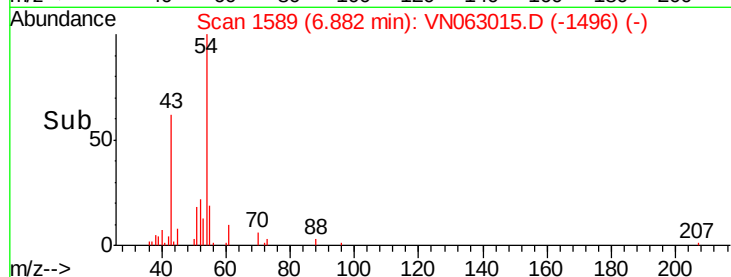
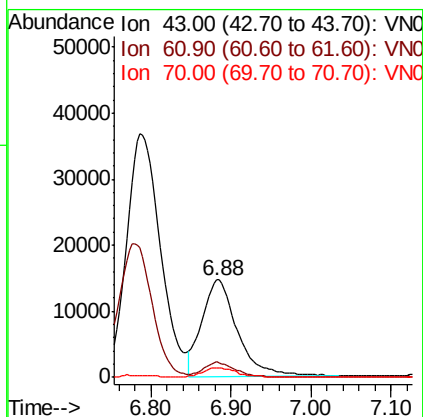
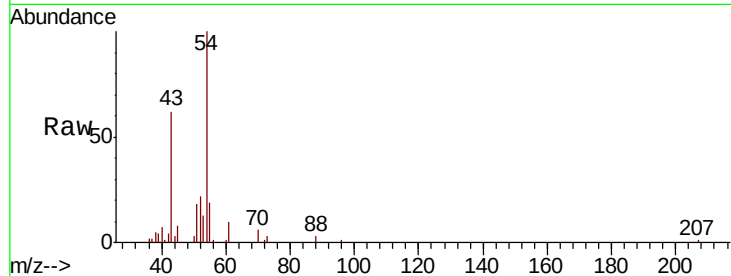




#37
Ethyl Acetate
Concen: 19.341 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

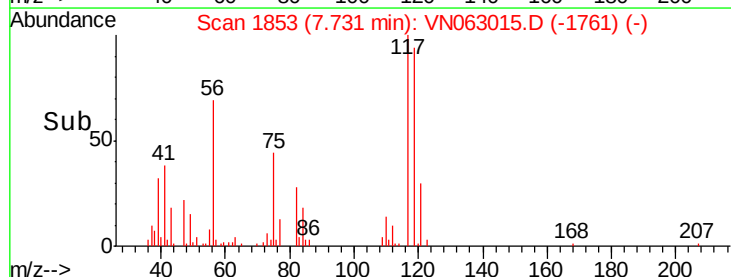
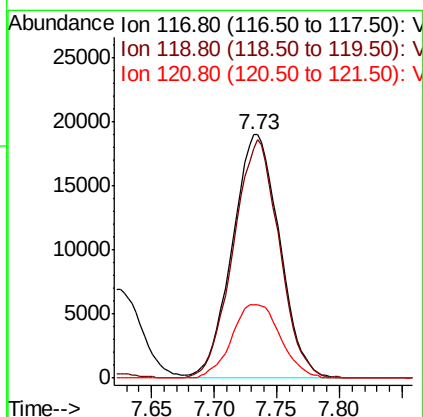
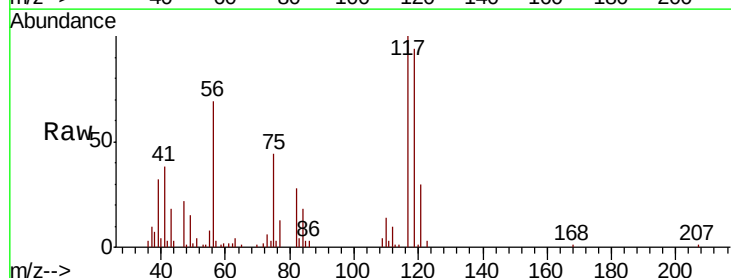
Instrument :
MSVOA_N
ClientSampled :
BFB

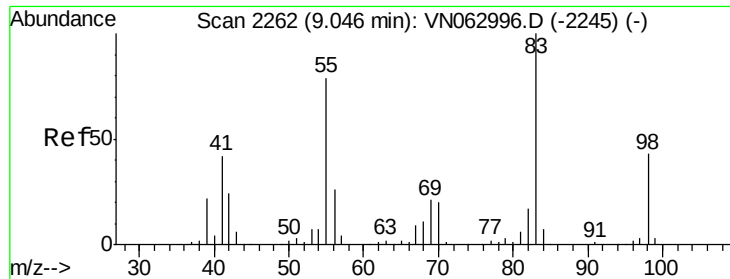
Tot Ion: 43 Resp: 44809
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.8
70 9.6 8.2 12.2



#38
Carbon Tetrachloride
Concen: 19.856 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Tgt Ion: 117 Resp: 49564
Ion Ratio Lower Upper
117 100
119 93.6 76.2 114.4
121 30.4 24.2 36.2

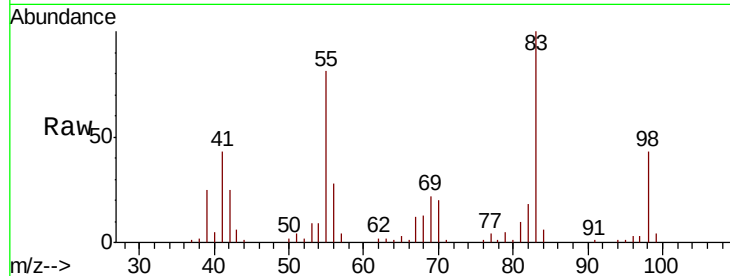




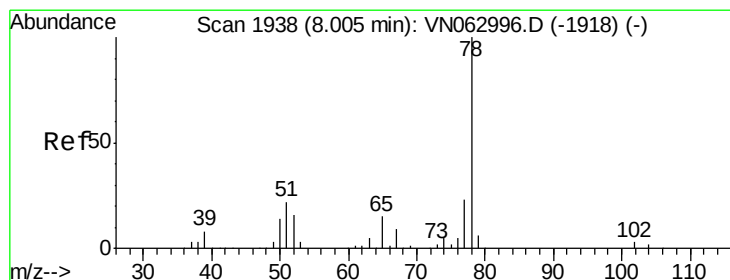
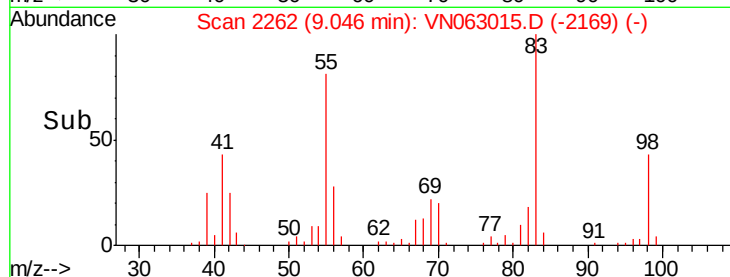
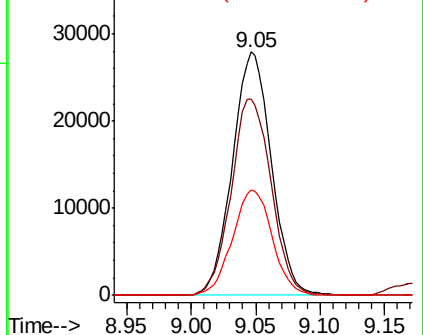
#39
Methylvlcyclohexane
Concen: 18.613 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion: 83 Resp: 58753
Ion Ratio Lower Upper
83 100
55 80.8 63.3 94.9
98 43.0 34.2 51.4

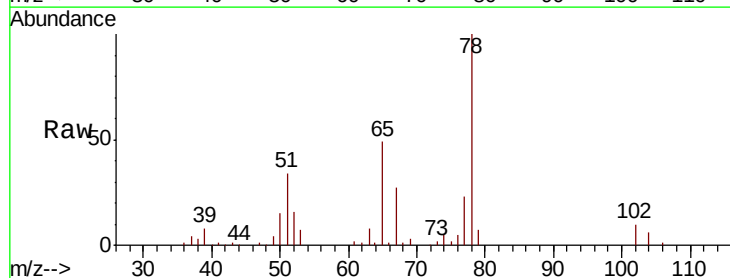


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

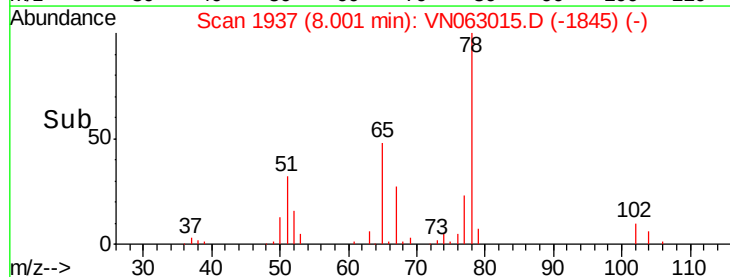
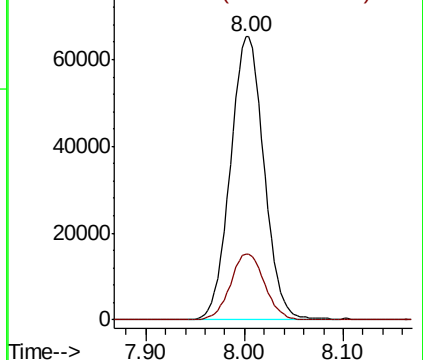


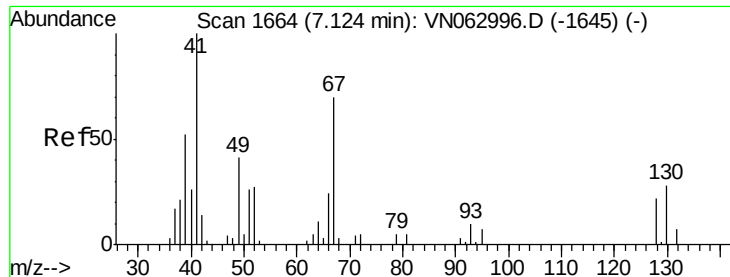
#40
Benzene
Concen: 19.762 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Tgt Ion: 78 Resp: 154971
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2



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

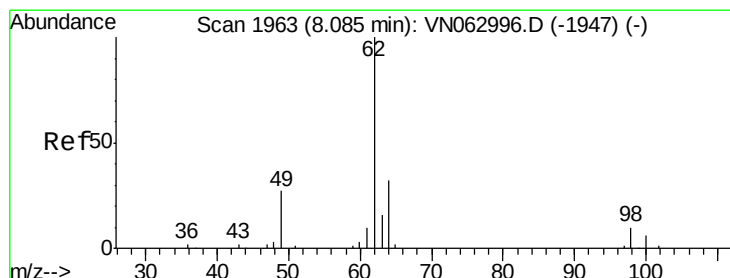
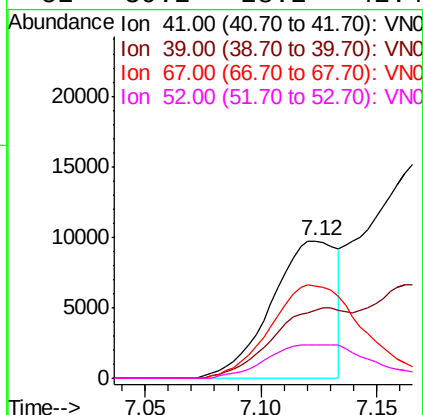
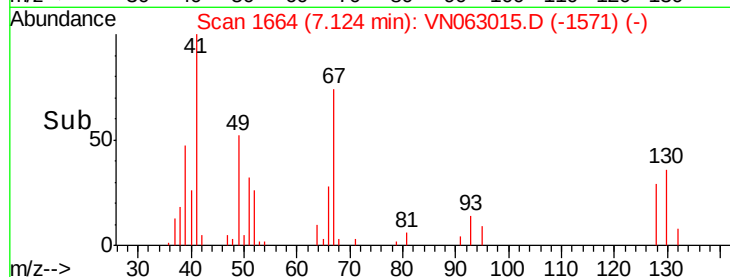
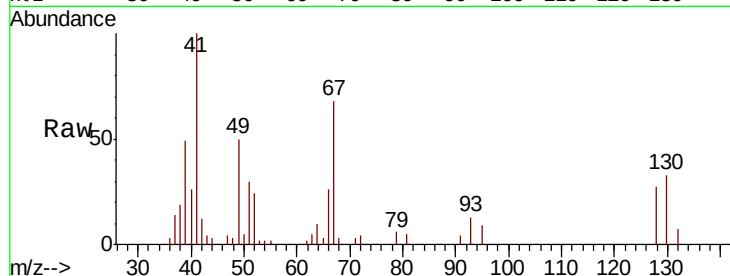




#41
Methacrylonitrile
Concen: 17.298 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

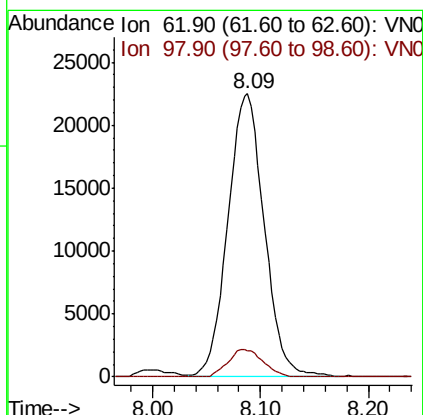
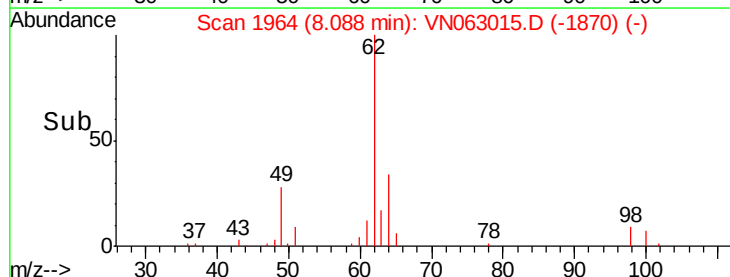
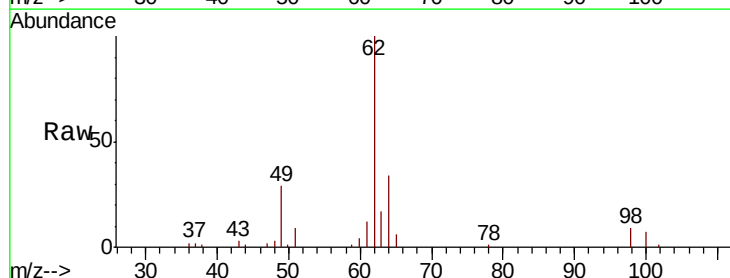
Instrument :
MSVOA_N
ClientSampleId :
BFB

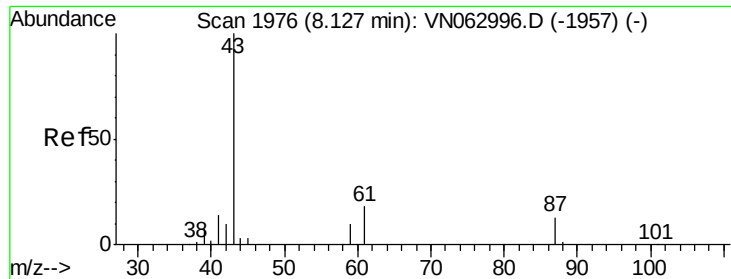
Tot Ion:	41	Resp:	19094
Ion	Ratio	Lower	Upper
41	100		
39	60.4	41.6	62.4
67	98.0	71.8	107.8
52	39.2	28.2	42.4



#42
1,2-Dichloroethane
Concen: 20.075 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Tgt Ion:	62	Resp:	52861
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4





#43

Isopropyl Acetate

Concen: 18.758 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

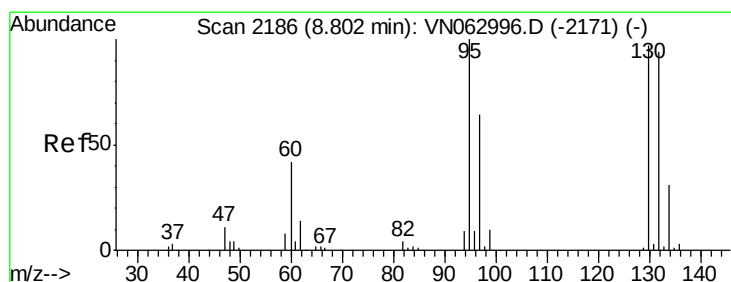
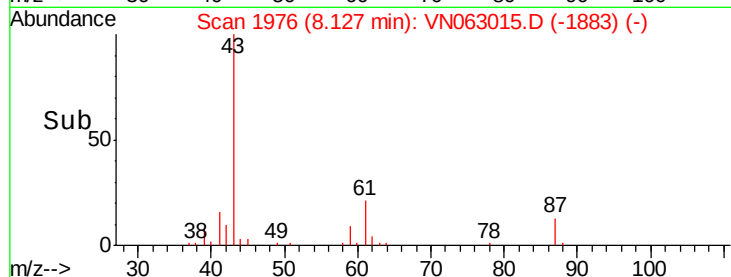
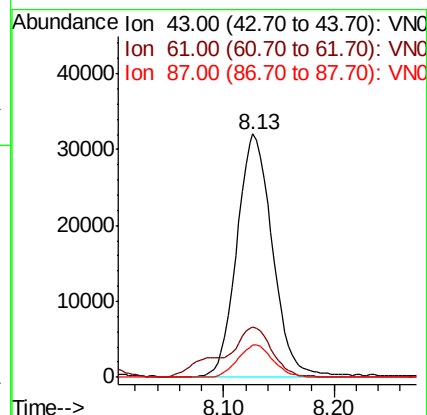
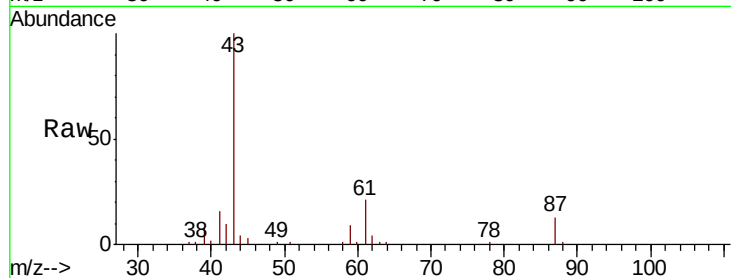
MSVOA_N

ClientSampleId :

BFB

Tot Ion: 43 Resp: 71999

Ion	Ratio	Lower	Upper
43	100		
61	20.5	22.6	33.8#
87	13.0	10.5	15.7



#44

Trichloroethene

Concen: 19.878 ug/l

RT: 8.80 min Scan# 2186

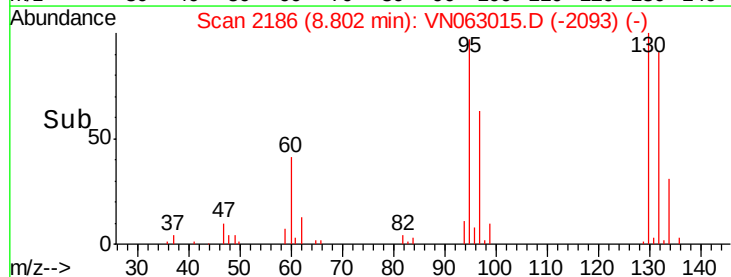
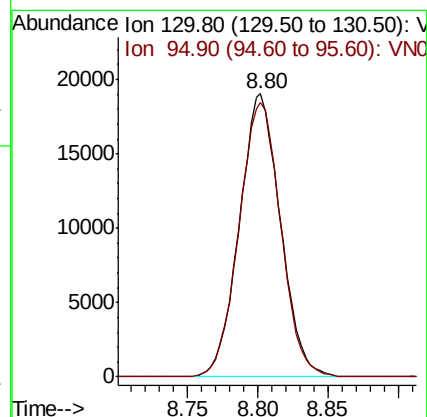
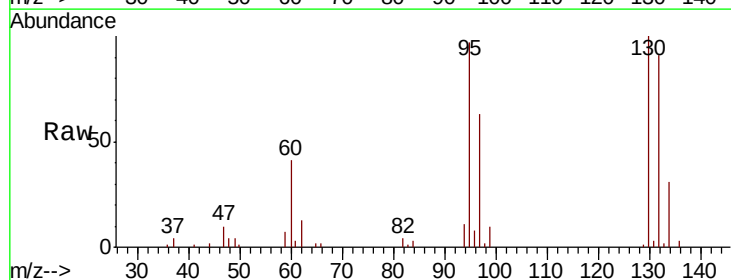
Delta R.T. -0.00 min

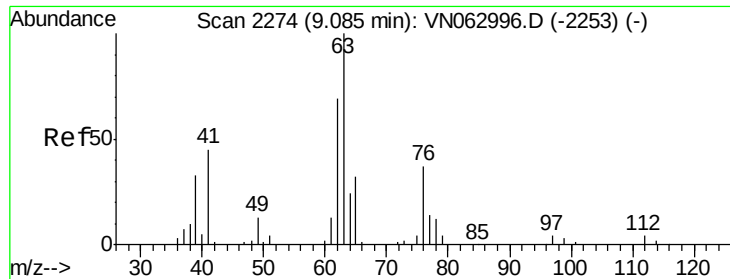
Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Tgt Ion: 130 Resp: 38775

Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	205.6

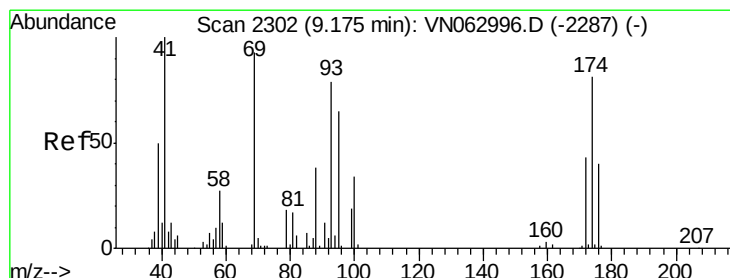
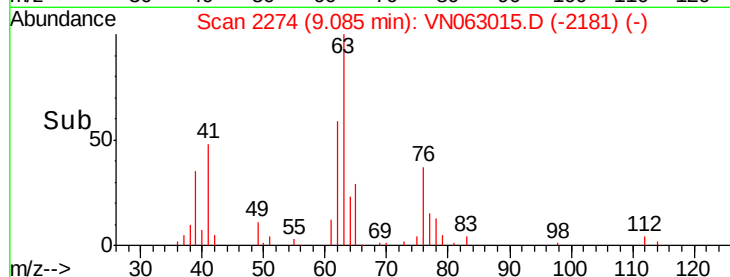
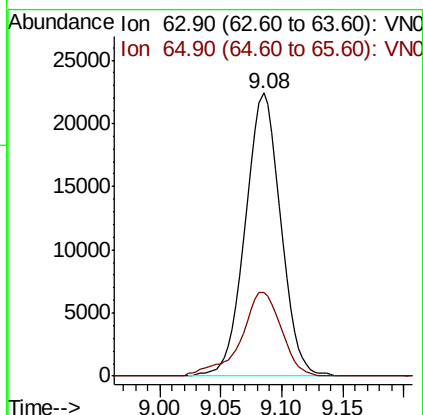
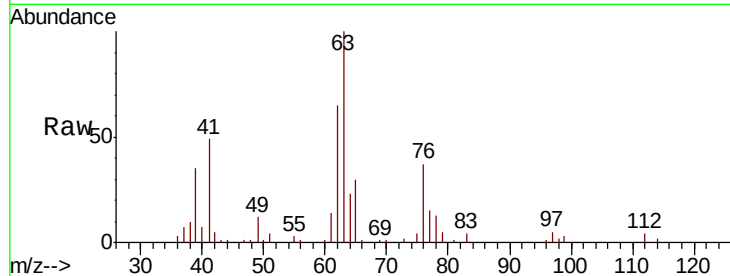




#45
 1,2-Dichloropropane
 Concen: 19.810 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

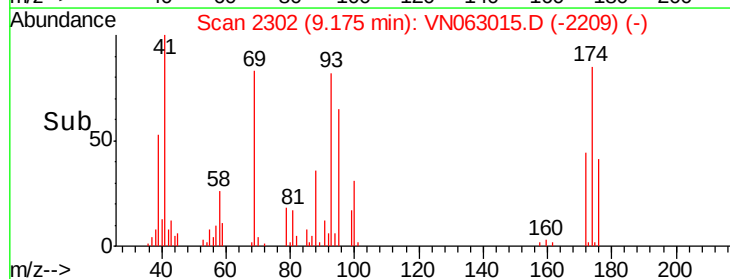
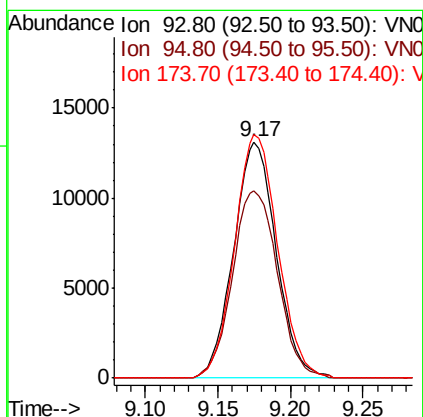
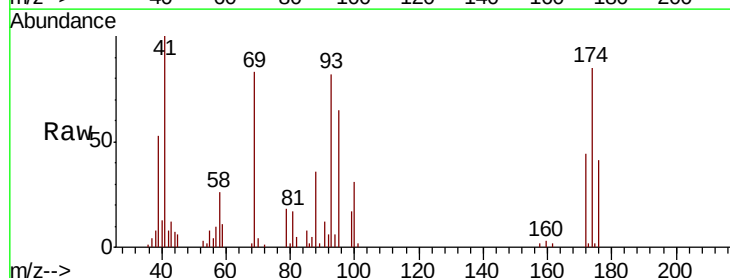
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

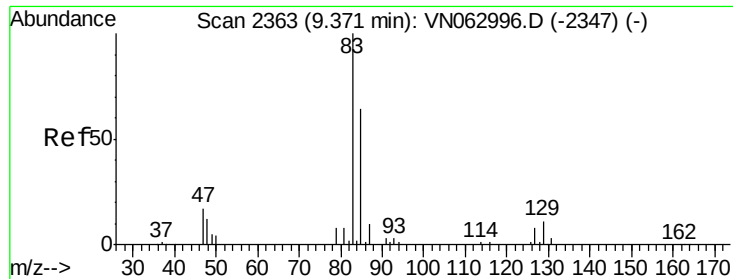
Tot Ion: 63 Resp: 44906
 Ion Ratio Lower Upper
 63 100
 65 29.6 25.6 38.4



#46
 Dibromomethane
 Concen: 20.443 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion: 93 Resp: 26770
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.2 99.4
 174 104.5 84.6 127.0

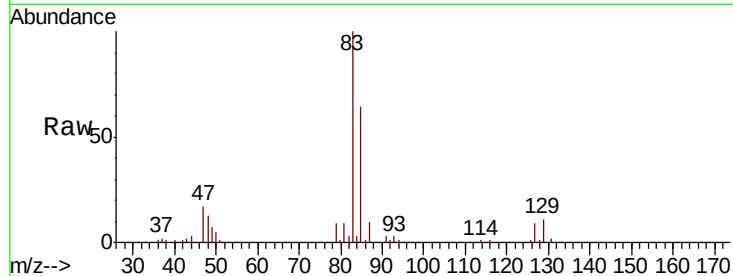




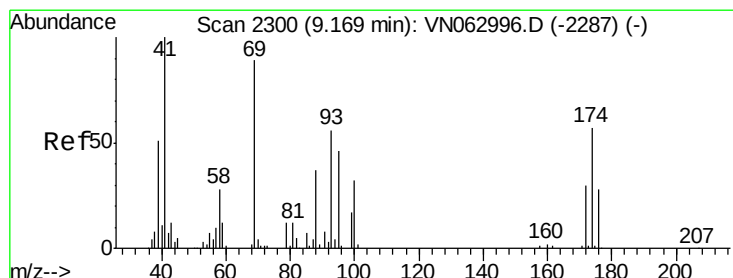
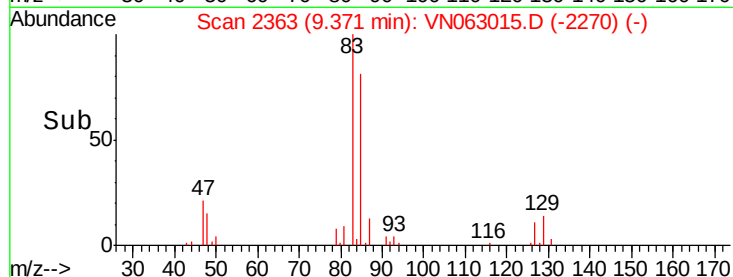
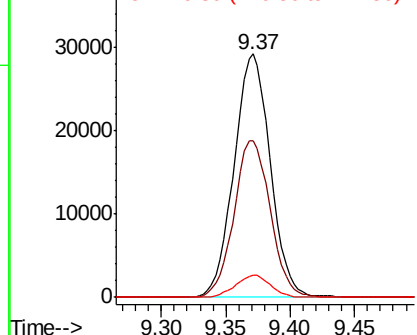
#47
 Bromodichloromethane
 Concen: 19.896 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

Tot Ion: 83 Resp: 57065
 Ion Ratio Lower Upper
 83 100
 85 64.5 51.1 76.7
 127 9.1 6.6 9.8

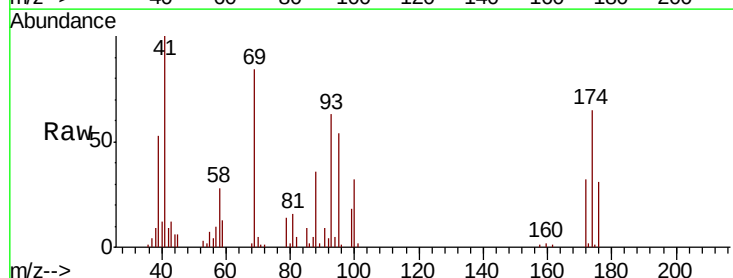


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): V

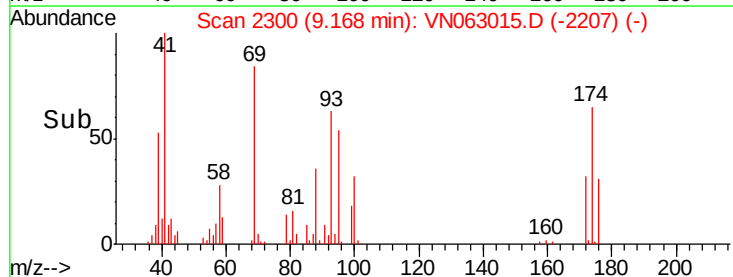
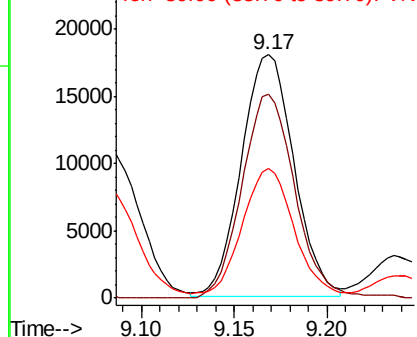


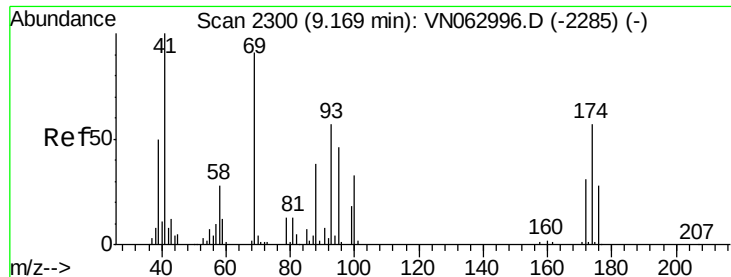
#48
 Methyl methacrylate
 Concen: 19.533 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion: 41 Resp: 35473
 Ion Ratio Lower Upper
 41 100
 69 84.8 74.2 111.4
 39 54.2 42.5 63.7



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

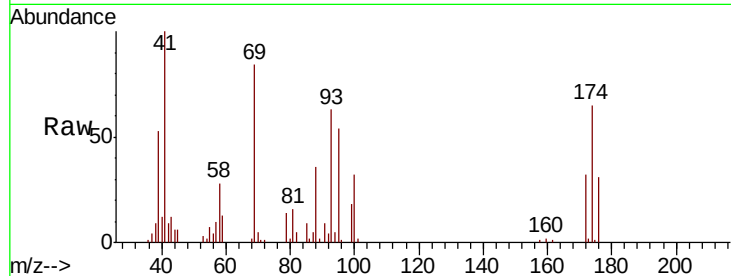




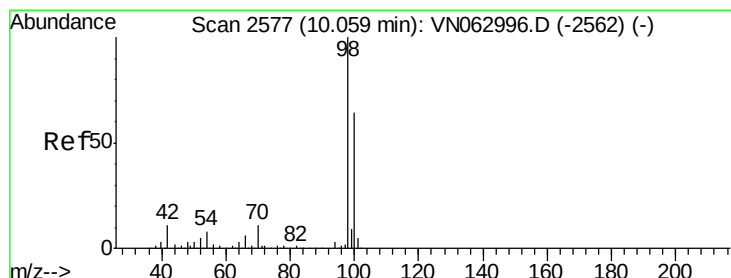
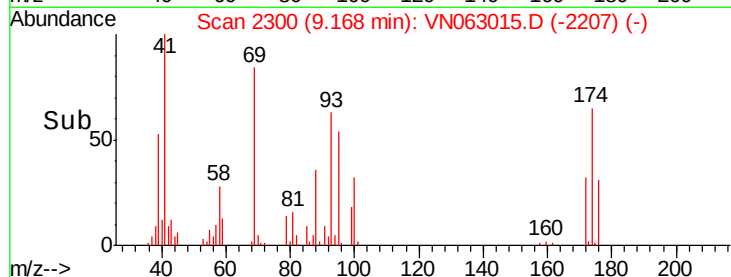
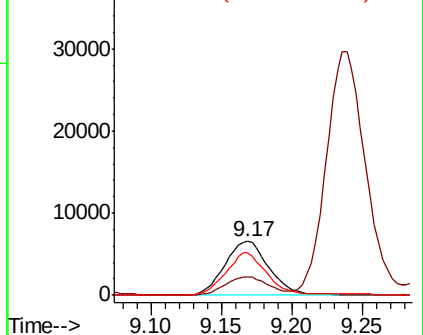
#49
1,4-Dioxane
Concen: 368.786 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion: 88 Resp: 14346
Ion Ratio Lower Upper
88 100
43 33.3 25.2 37.8
58 72.9 56.7 85.1

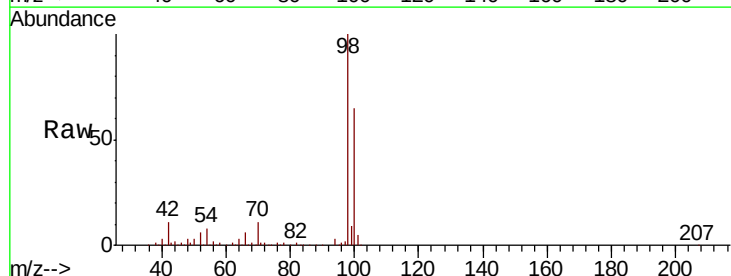


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

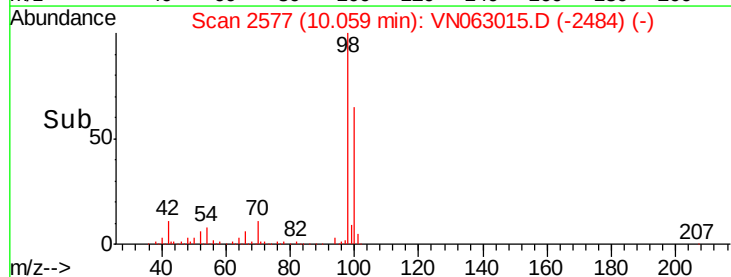
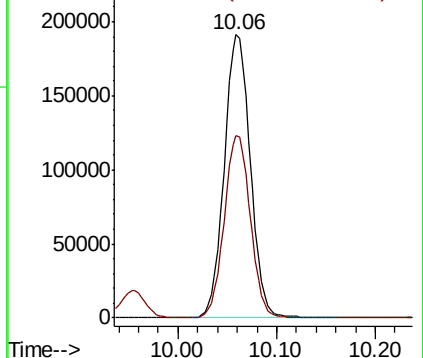


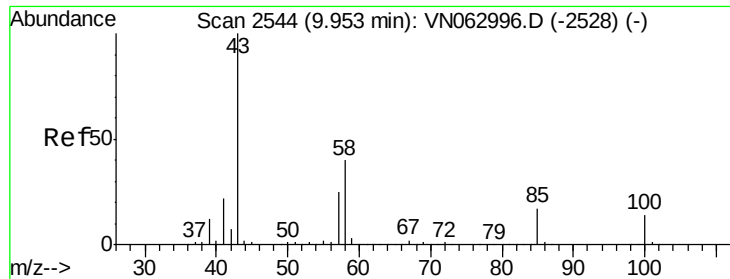
#50
Toluene-d8
Concen: 50.252 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Tgt Ion: 98 Resp: 352880
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



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

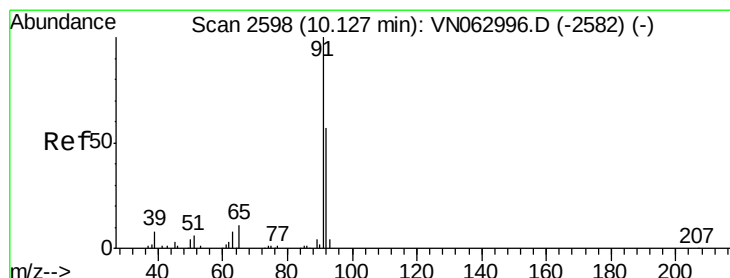
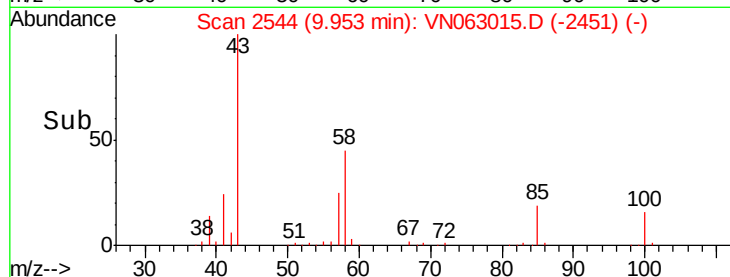
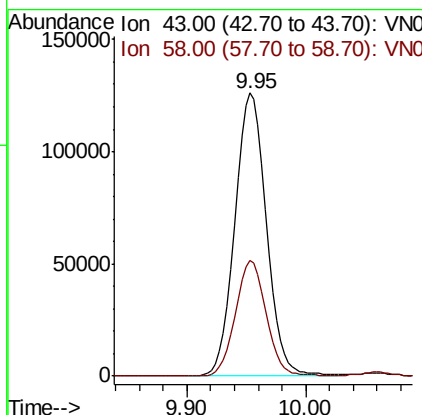
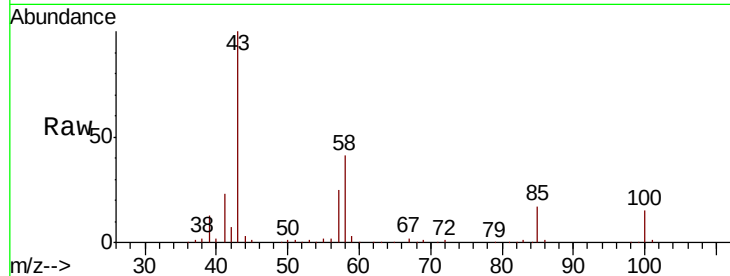




#51
 4-Methyl-2-Pentanone
 Concen: 95.541 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

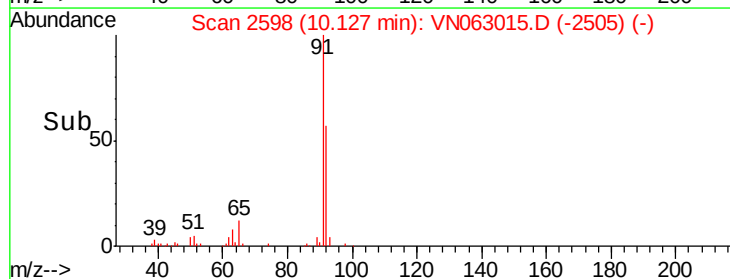
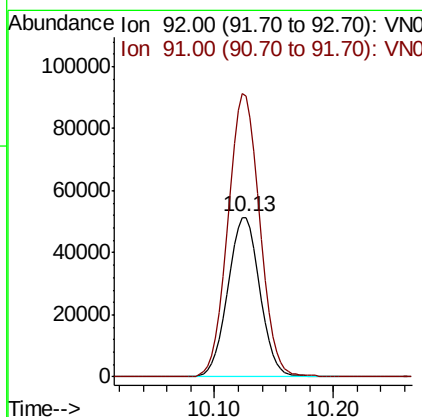
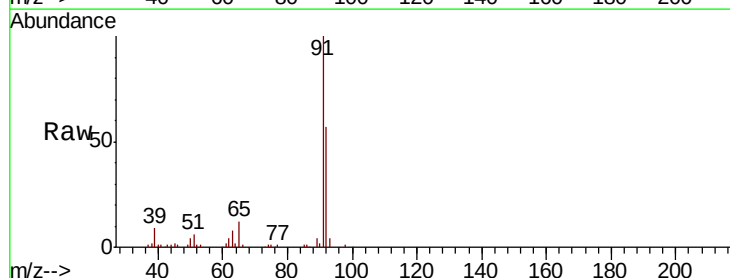
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

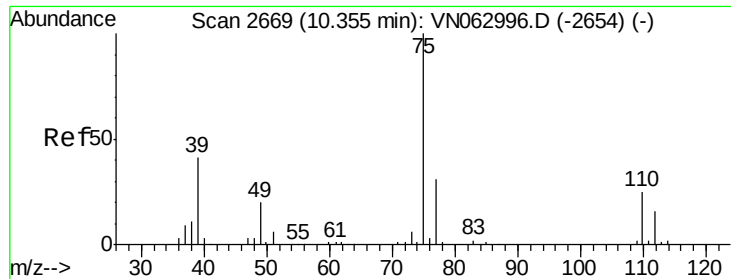
Tot Ion: 43 Resp: 231791
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.2 48.2



#52
 Toluene
 Concen: 20.268 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion: 92 Resp: 95879
 Ion Ratio Lower Upper
 92 100
 91 176.7 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 19.678 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

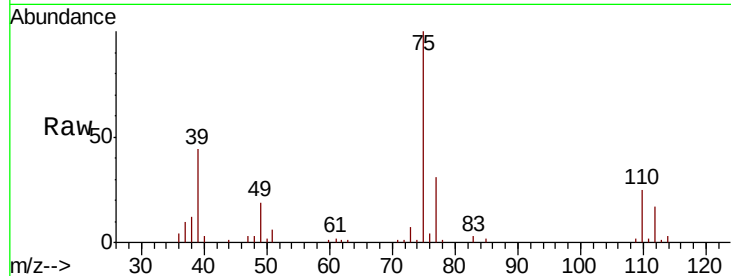
BFB

Tot Ion: 75 Resp: 58366

Ion Ratio Lower Upper

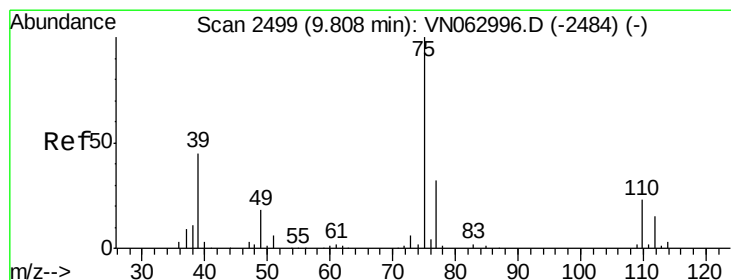
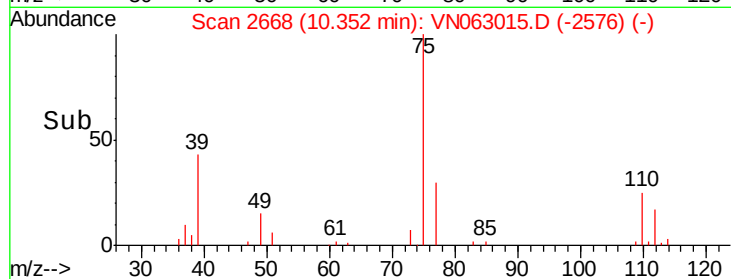
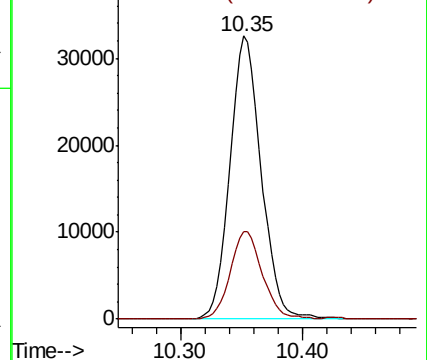
75 100

77 30.9 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: 19.783 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

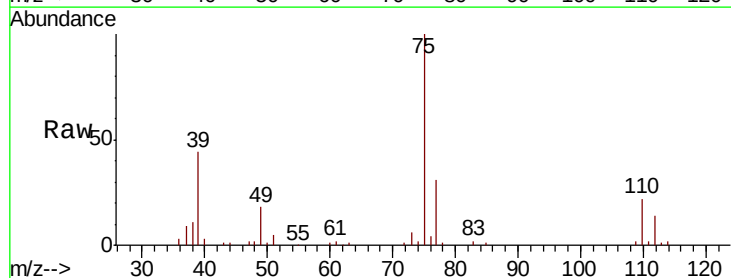
Tgt Ion: 75 Resp: 64366

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2

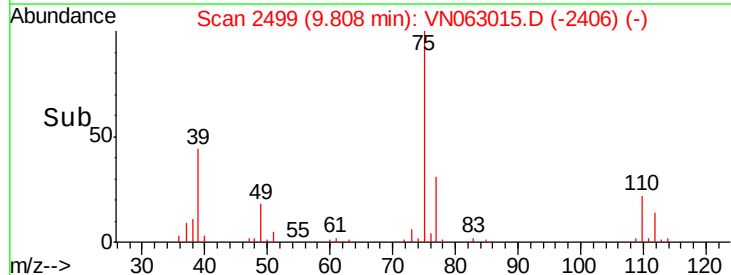
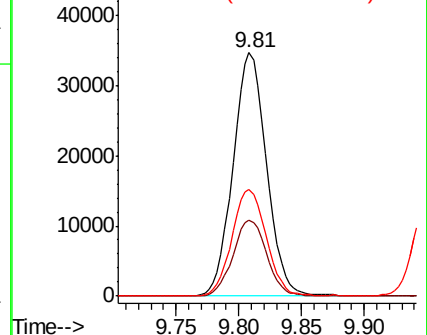
39 43.7 35.7 53.5

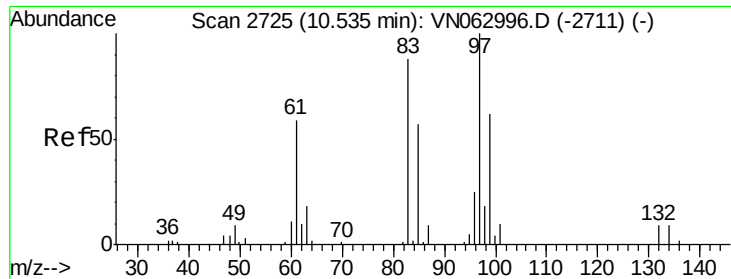


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

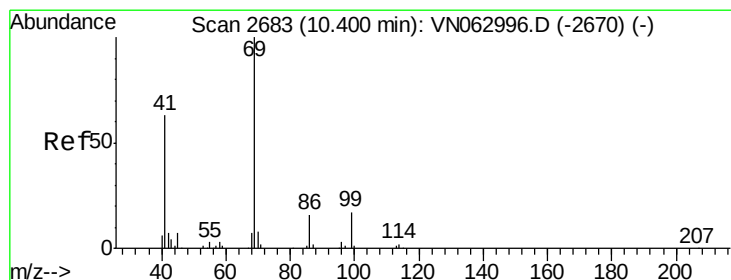
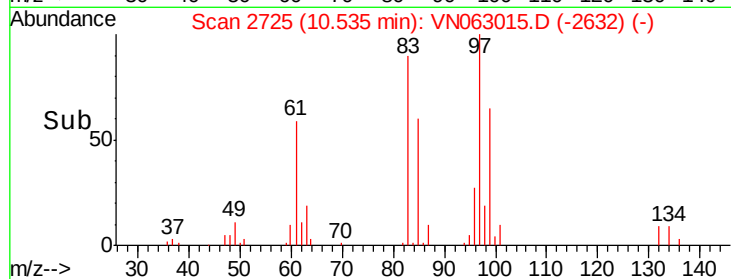
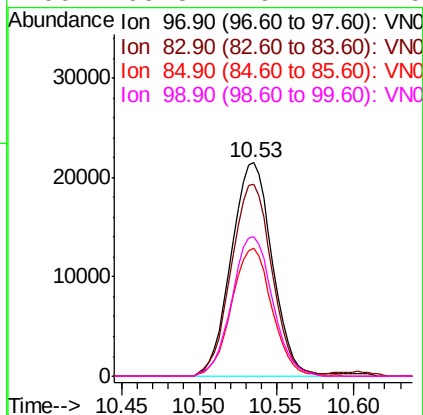
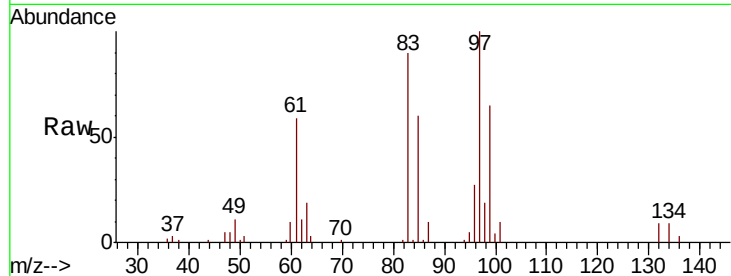




#55
 1,1,2-Trichloroethane
 Concen: 19.670 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

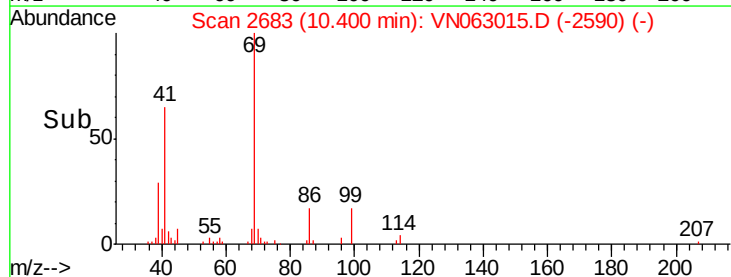
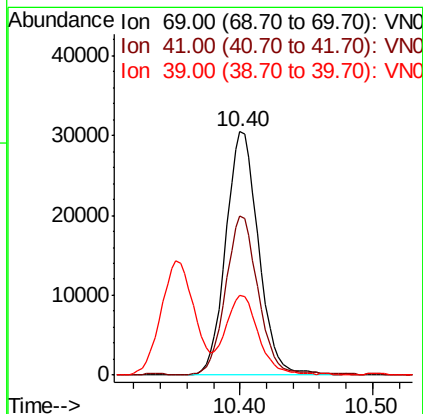
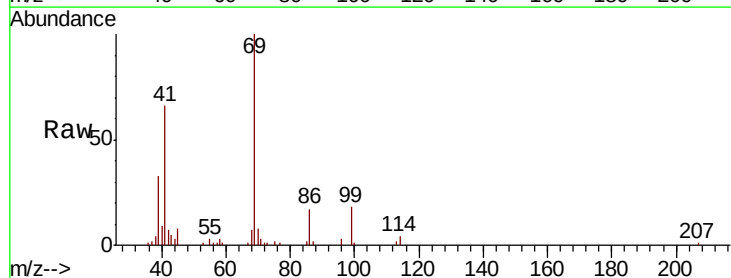
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

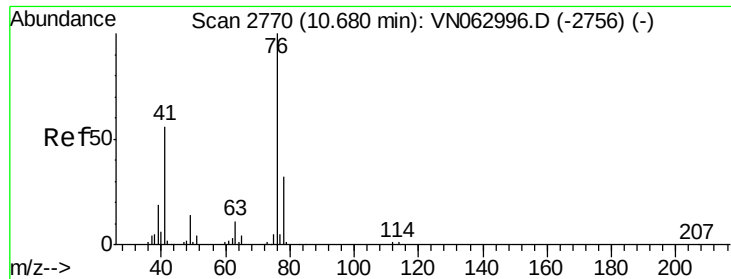
Tot Ion:	97	Resp:	39787
Ion	Ratio	Lower	Upper
97	100		
83	89.7	70.5	105.7
85	60.1	45.8	68.6
99	65.3	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 17.890 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion:	69	Resp:	52273
Ion	Ratio	Lower	Upper
69	100		
41	65.9	50.2	75.2
39	33.5	24.2	36.4

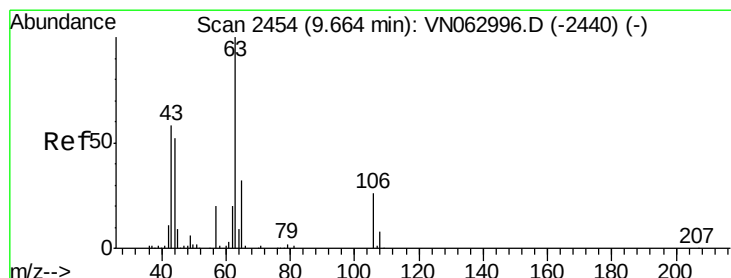
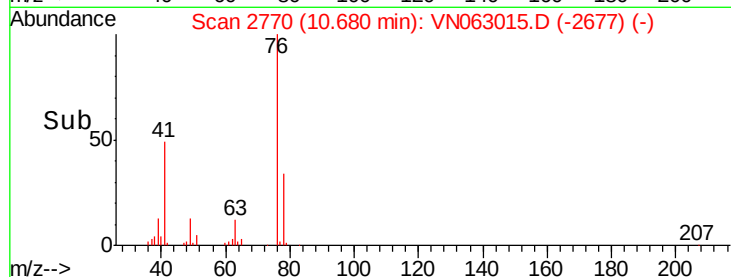
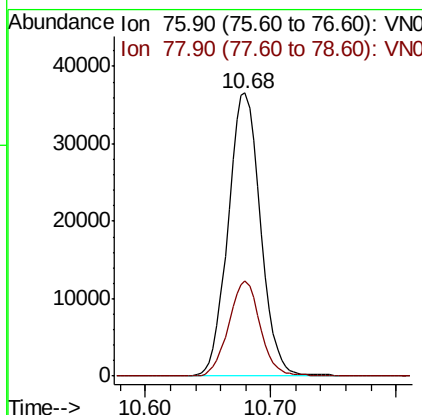
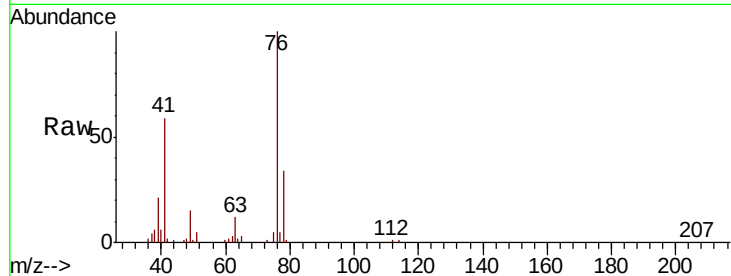




#57
 1,3-Dichloropropane
 Concen: 19.517 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

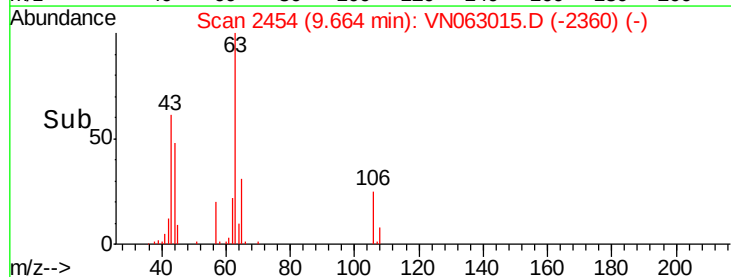
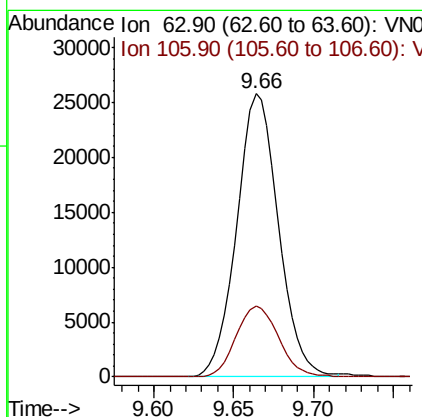
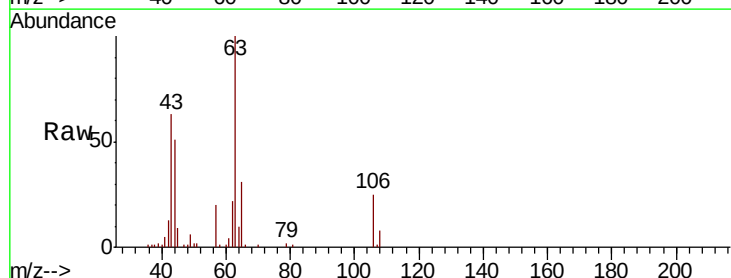
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

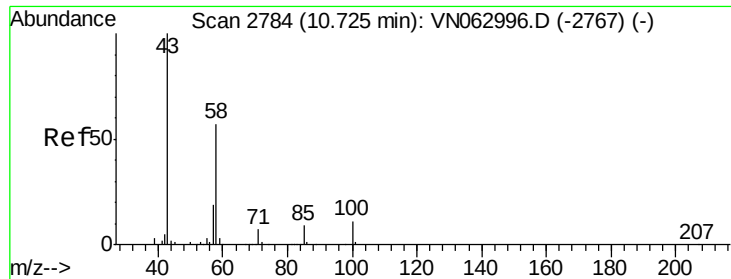
Tot Ion: 76 Resp: 65556
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 69.753 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion: 63 Resp: 45955
 Ion Ratio Lower Upper
 63 100
 106 25.5 20.7 31.1

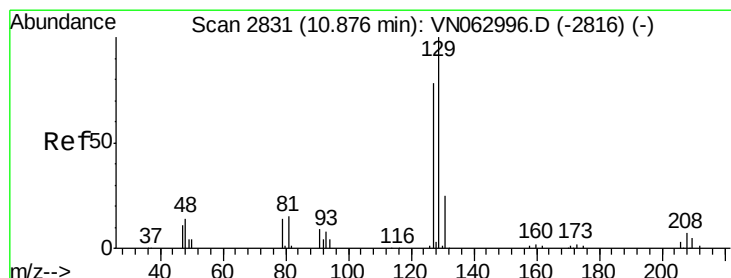
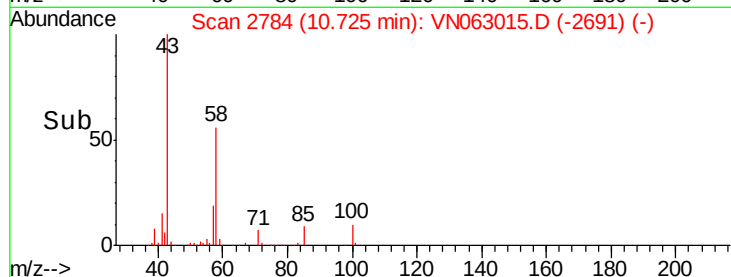
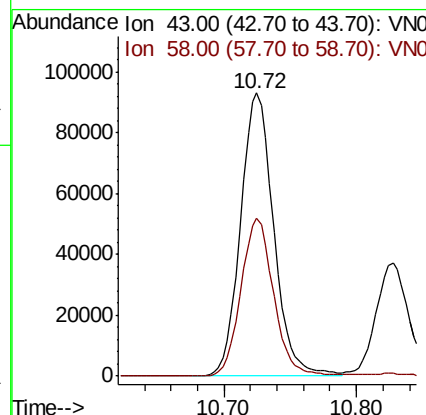
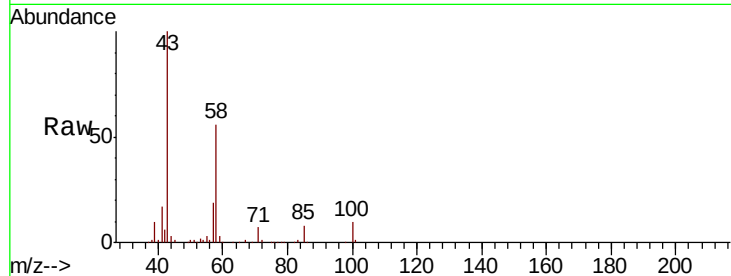




#59
2-Hexanone
Concen: 95.671 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

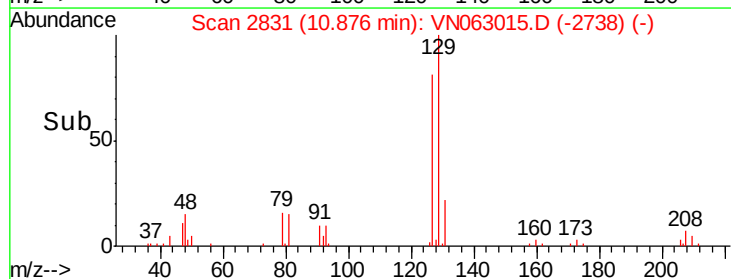
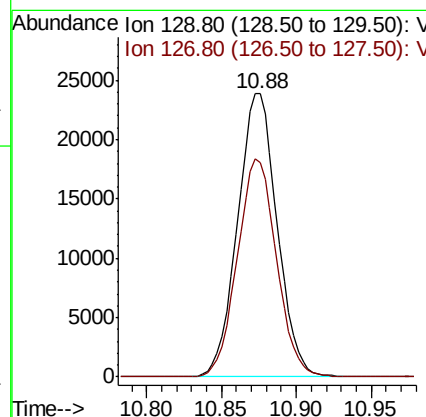
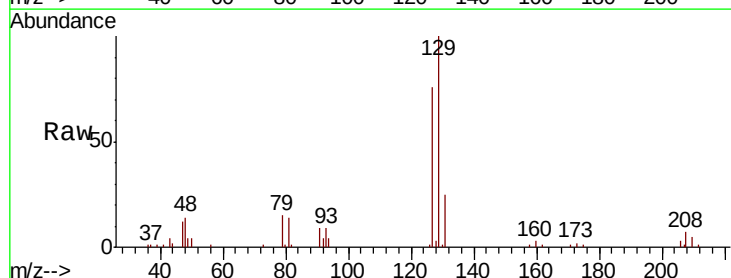
Instrument :
MSVOA_N
ClientSampled :
BFB

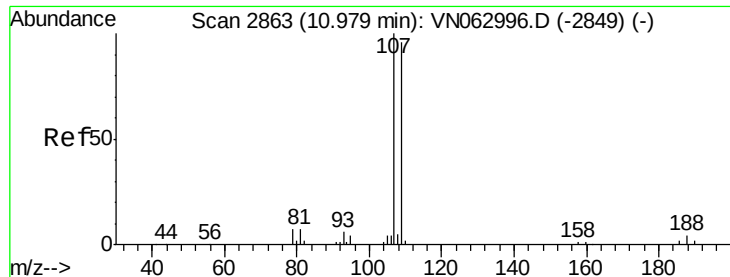
Tot Ion: 43 Resp: 161900
Ion Ratio Lower Upper
43 100
58 55.1 28.1 84.3



#60
Dibromochloromethane
Concen: 19.607 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Tgt Ion: 129 Resp: 43891
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.2

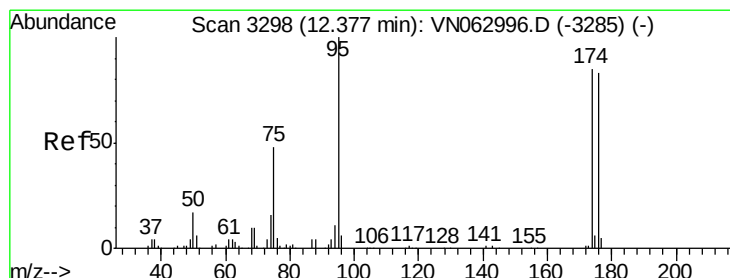
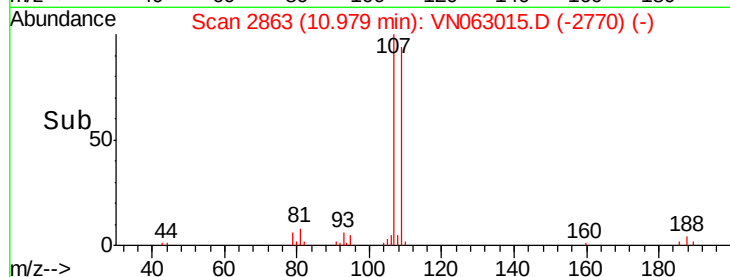
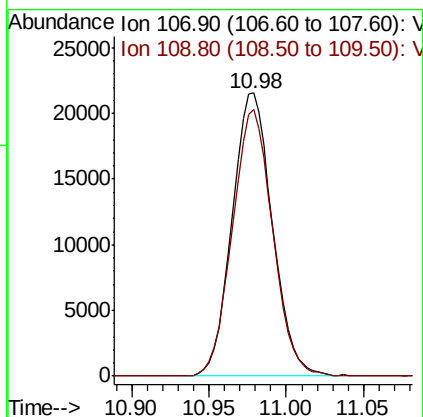
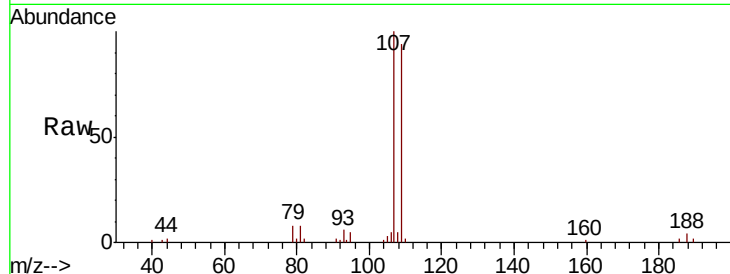




#61
 1,2-Dibromoethane
 Concen: 19.999 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

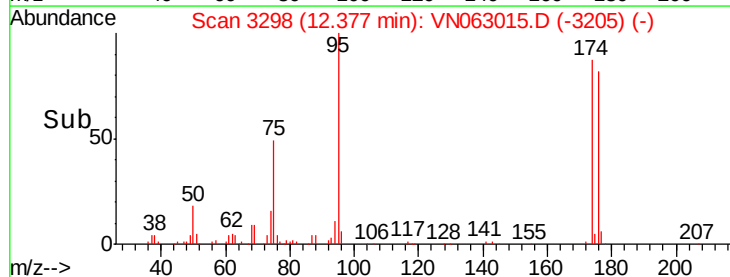
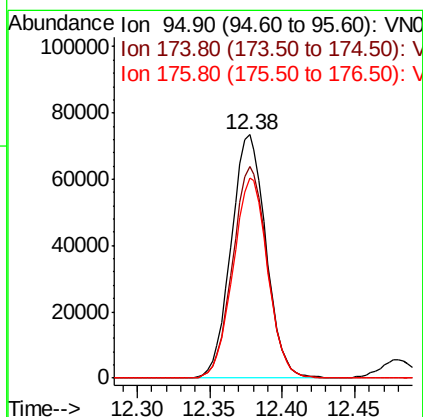
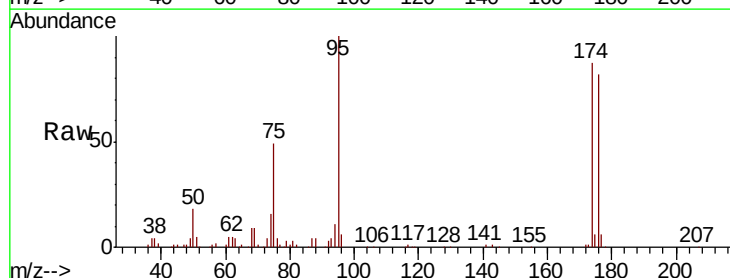
Instrument :
 MSVOA_N
 ClientSampleId :
 BFB

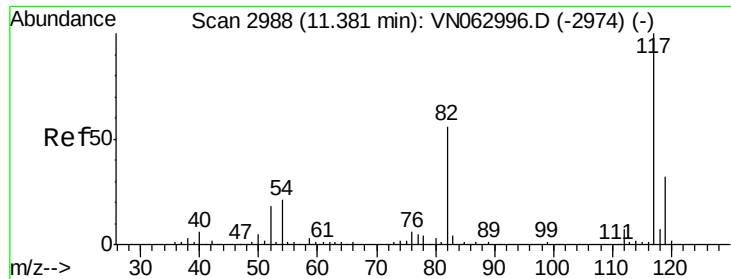
Tot Ion:107 Resp: 38870
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 49.536 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion: 95 Resp: 122750
 Ion Ratio Lower Upper
 95 100
 174 86.5 0.0 170.8
 176 81.8 0.0 164.8

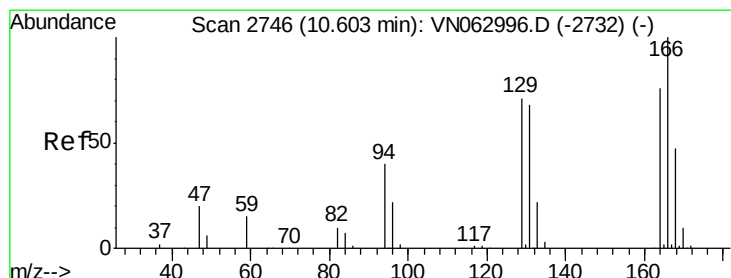
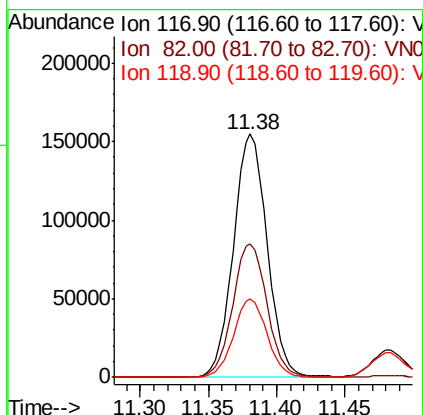
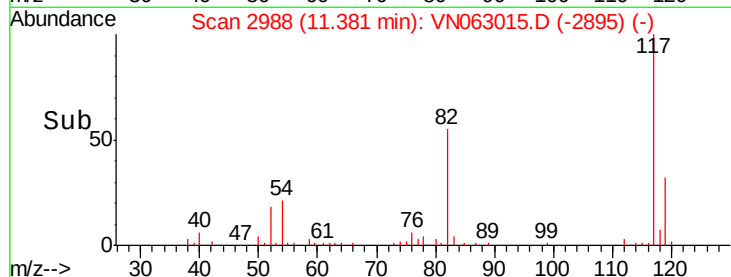
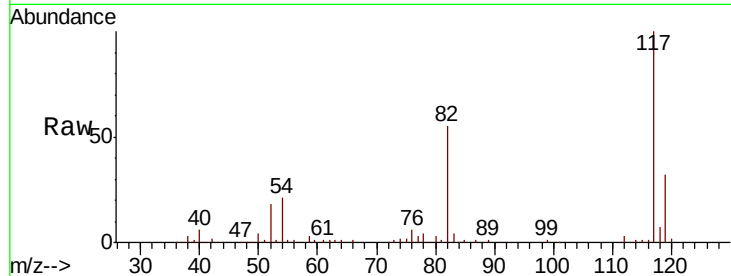




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

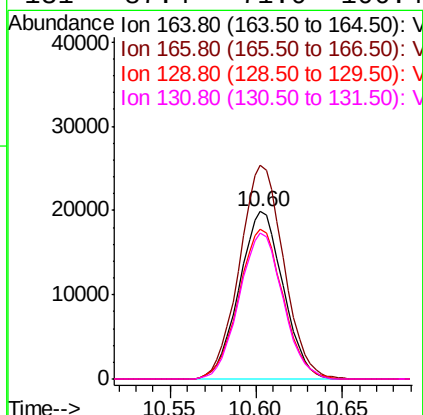
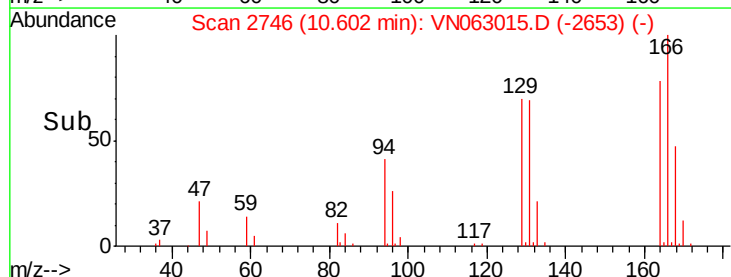
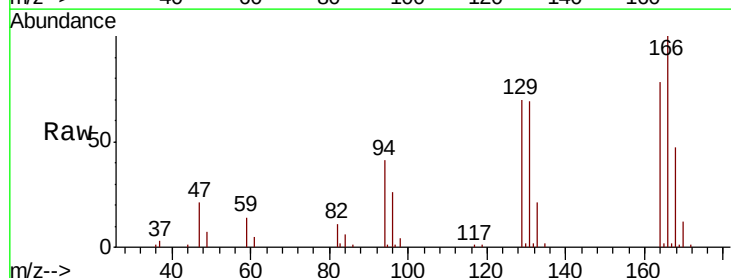
Instrument :
MSVOA_N
ClientSampled :
BFB

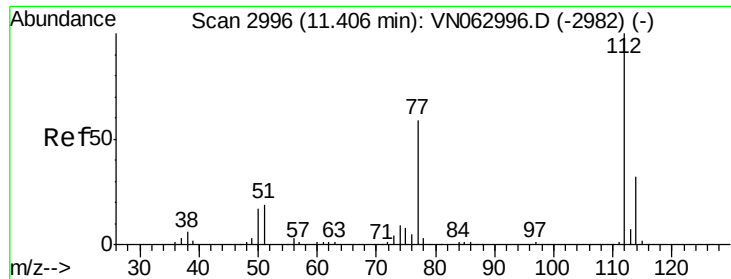
Tot Ion:117 Resp: 265755
Ion Ratio Lower Upper
117 100
82 54.9 44.5 66.7
119 32.5 25.5 38.3



#64
Tetrachloroethene
Concen: 20.139 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Tgt Ion:164 Resp: 35181
Ion Ratio Lower Upper
164 100
166 127.6 105.0 157.6
129 89.4 74.7 112.1
131 87.4 71.0 106.4

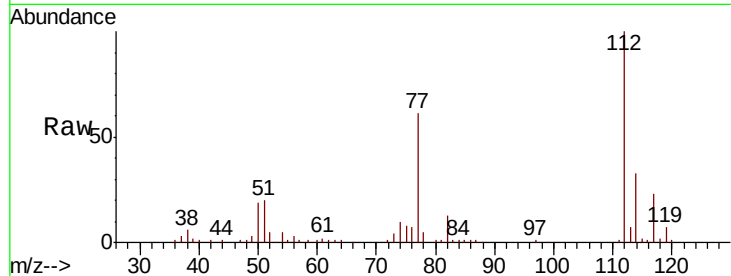




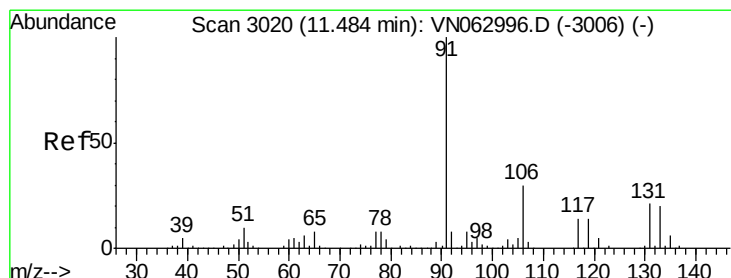
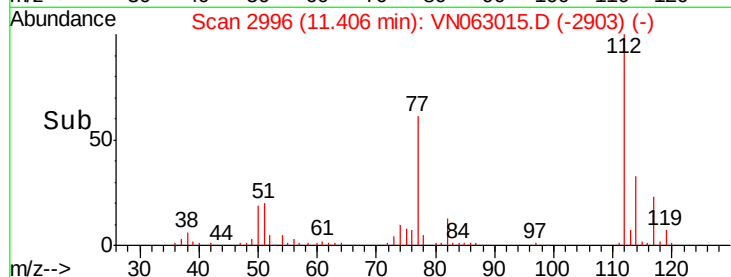
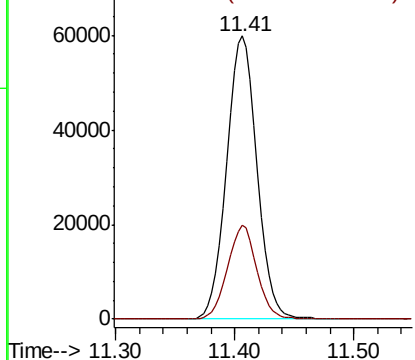
#65
Chlorobenzene
Concen: 19.815 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Instrument :
MSVOA_N
ClientSampleId :
BFB

Tot Ion:112 Resp: 105761
Ion Ratio Lower Upper
112 100
114 33.1 25.3 37.9

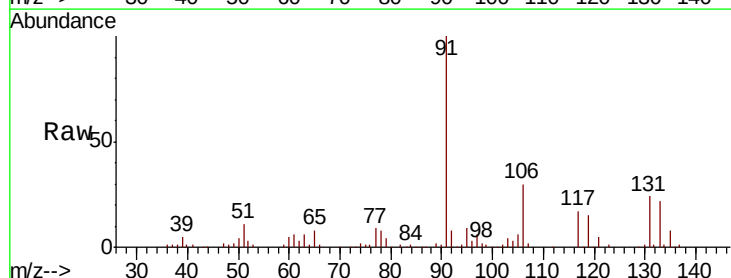


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

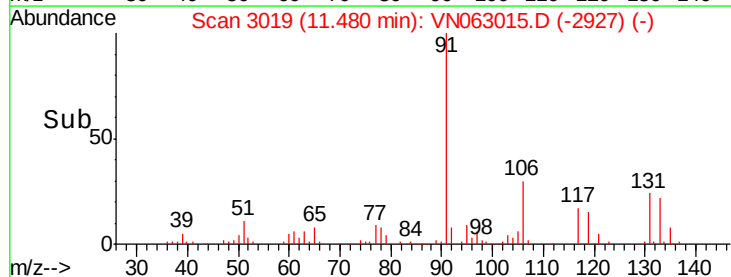
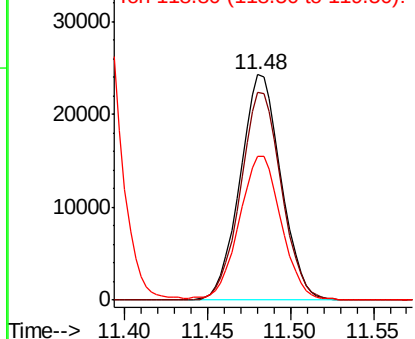


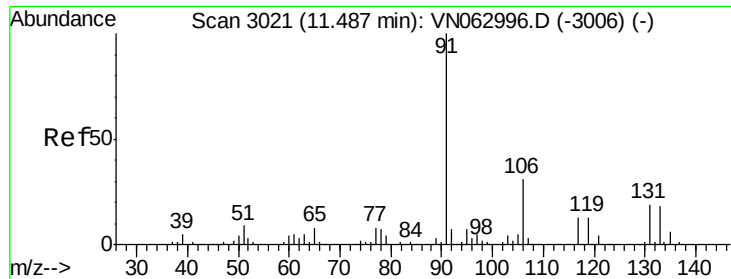
#66
1,1,1,2-Tetrachloroethane
Concen: 20.080 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Tgt Ion:131 Resp: 41687
Ion Ratio Lower Upper
131 100
133 92.3 47.5 142.6
119 65.7 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

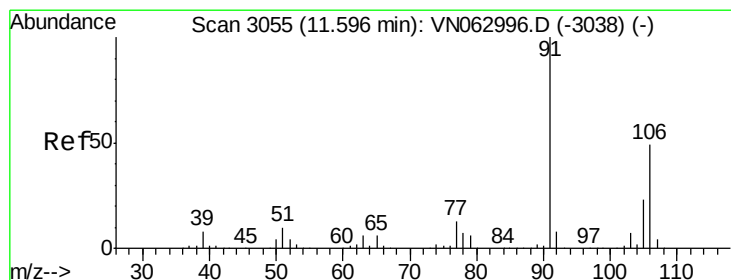
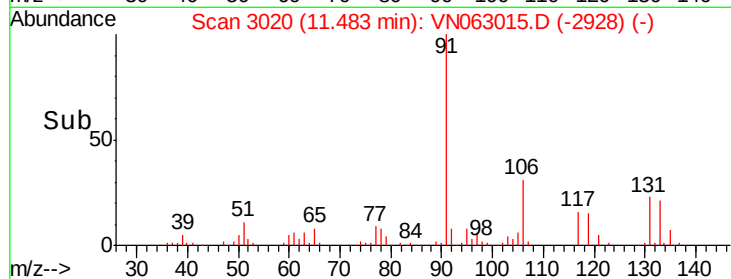
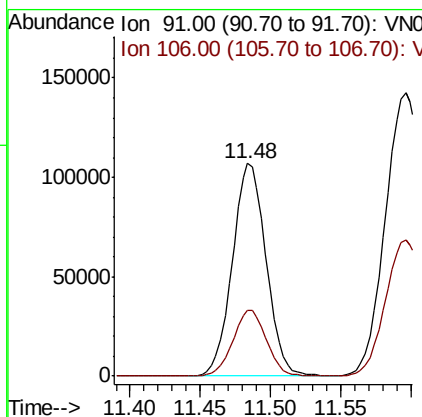
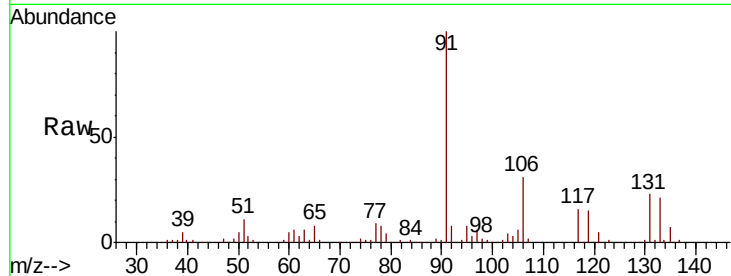




#67
Ethyl Benzene
Concen: 19.891 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

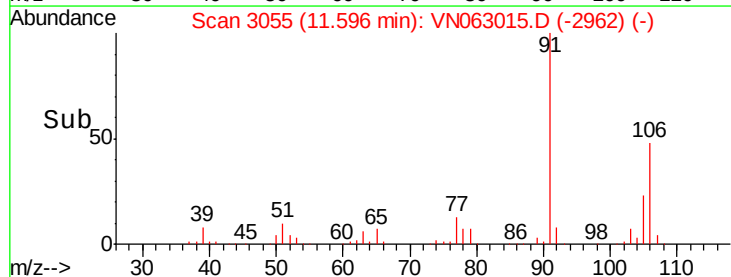
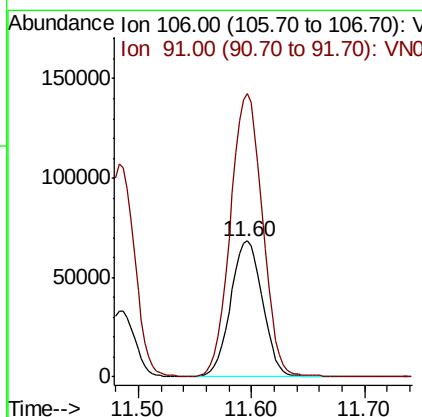
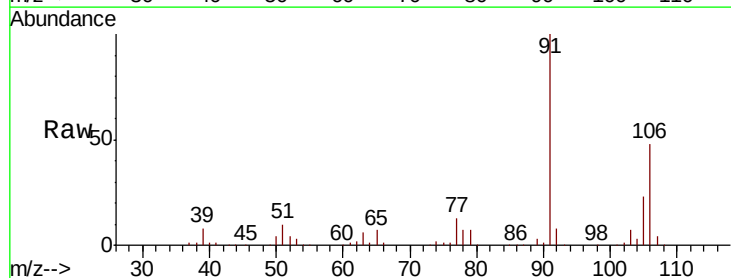
Instrument :
MSVOA_N
ClientSampled :
BFB

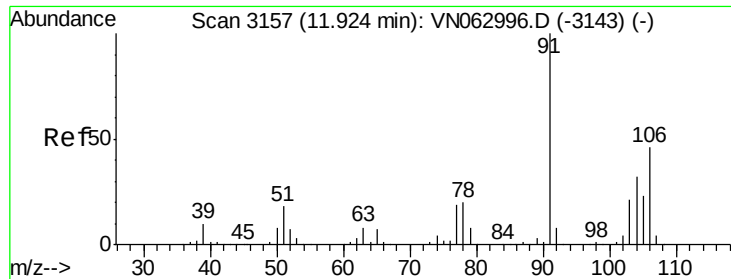
Tot Ion: 91 Resp: 179386
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0



#68
m/p-Xylenes
Concen: 40.229 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Tgt Ion: 106 Resp: 134843
Ion Ratio Lower Upper
106 100
91 208.6 163.0 244.4

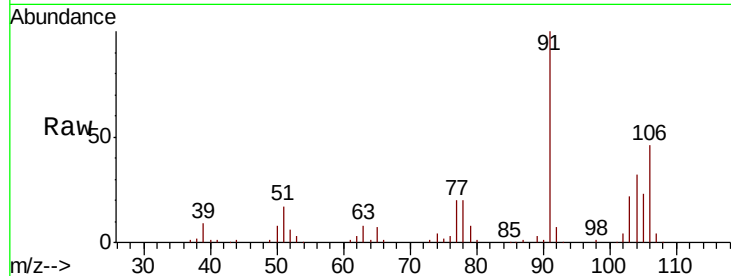




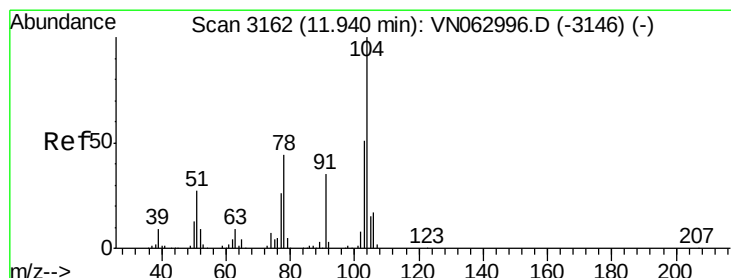
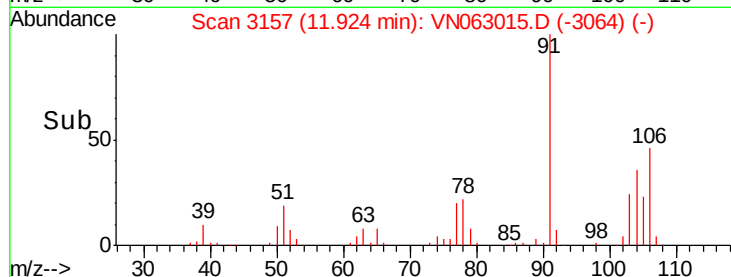
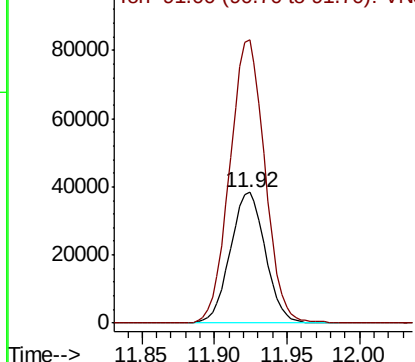
#69
o-Xylene
Concen: 20.015 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion:106 Resp: 64423
Ion Ratio Lower Upper
106 100
91 217.4 107.3 321.9

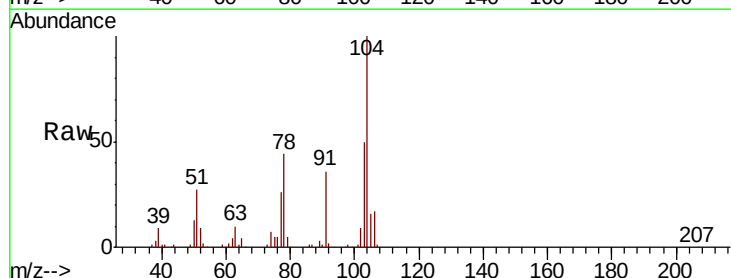


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

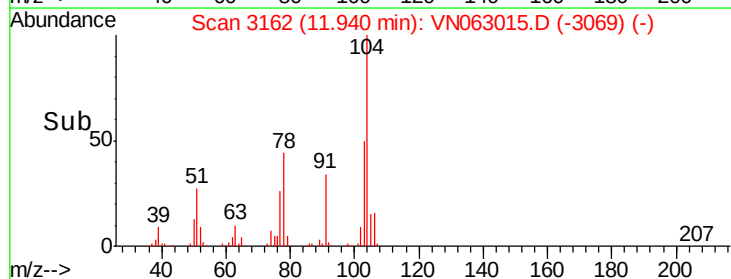
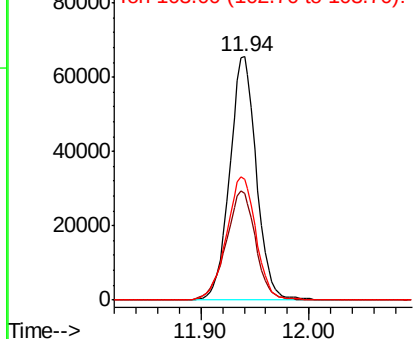


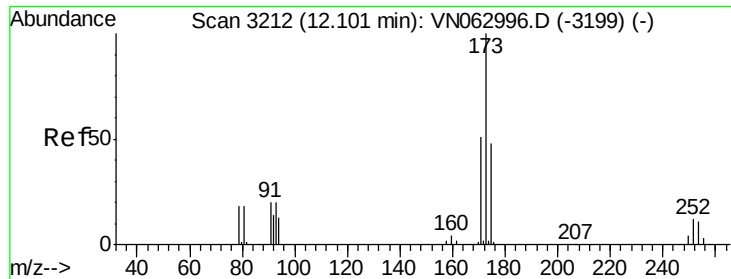
#70
Styrene
Concen: 18.967 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Tgt Ion:104 Resp: 113218
Ion Ratio Lower Upper
104 100
78 49.6 39.0 58.6
103 55.7 44.3 66.5



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

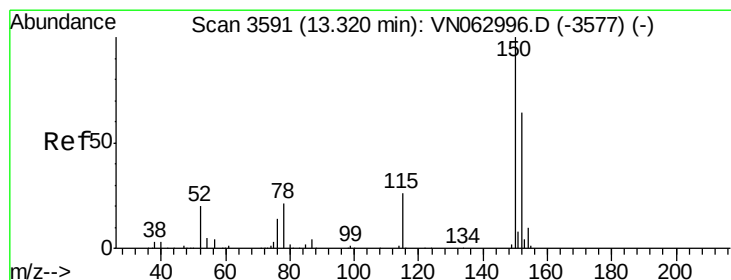
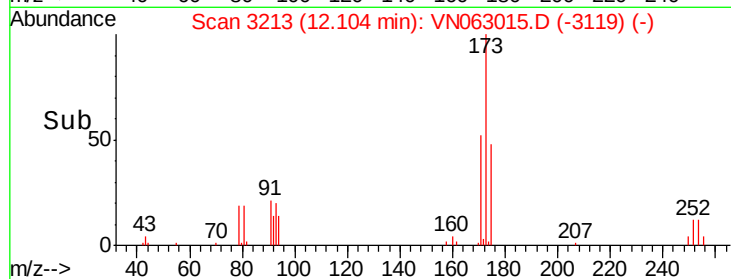
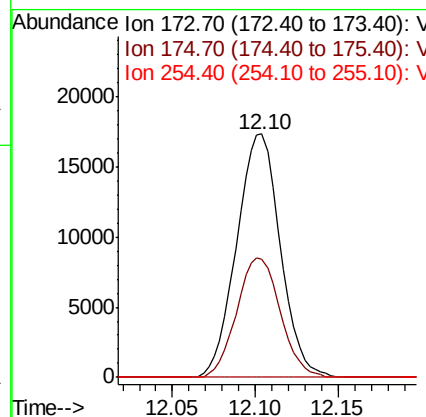
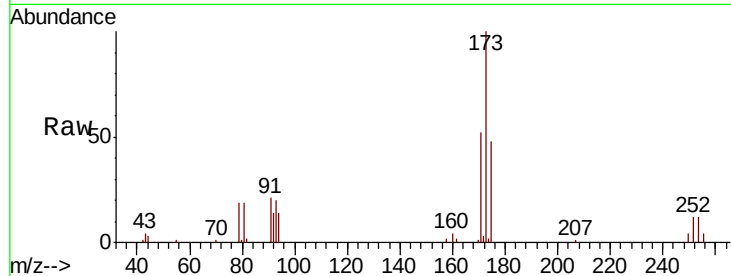




#71
Bromoform
Concen: 19.216 ug/l
RT: 12.10 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

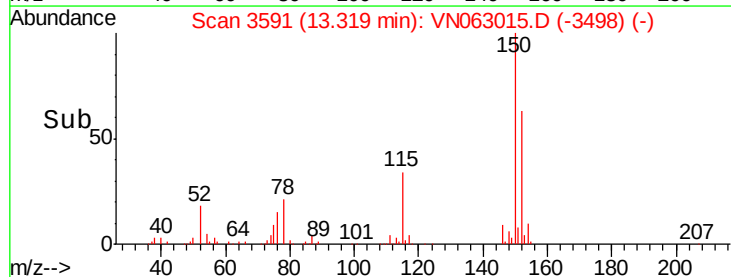
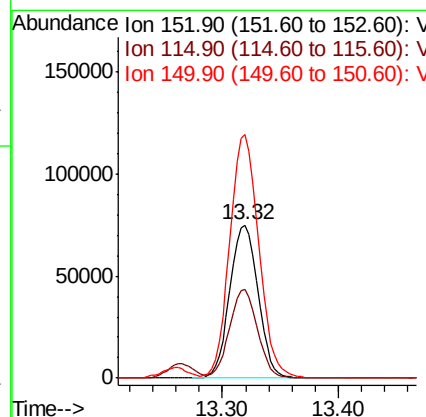
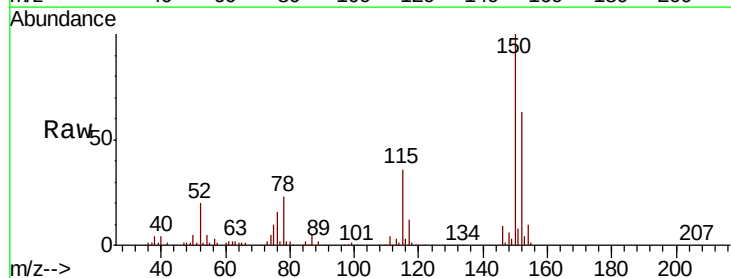
Instrument :
MSVOA_N
ClientSampled :
BFB

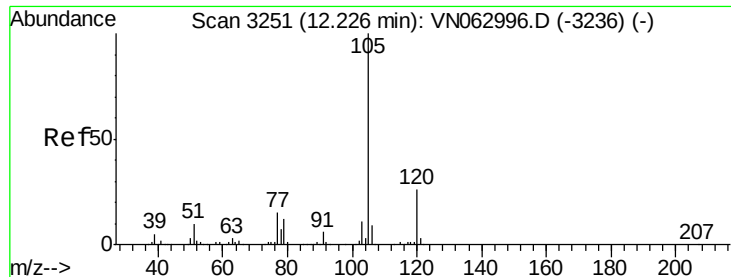
Tot Ion:173 Resp: 31753
Ion Ratio Lower Upper
173 100
175 48.9 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Tgt Ion:152 Resp: 126733
Ion Ratio Lower Upper
152 100
115 57.5 28.7 86.3
150 162.5 0.0 348.8





#73

Isopropylbenzene

Concen: 20.192 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

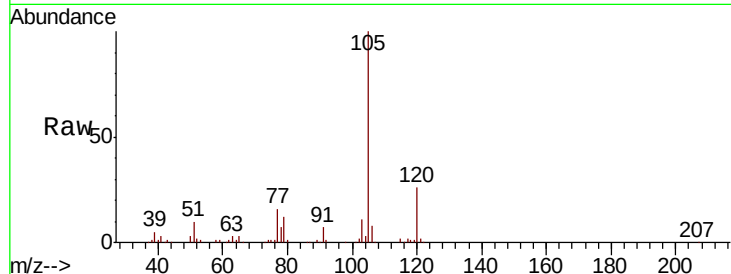
BFB

Tot Ion:105 Resp: 175243

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

100000

80000

60000

40000

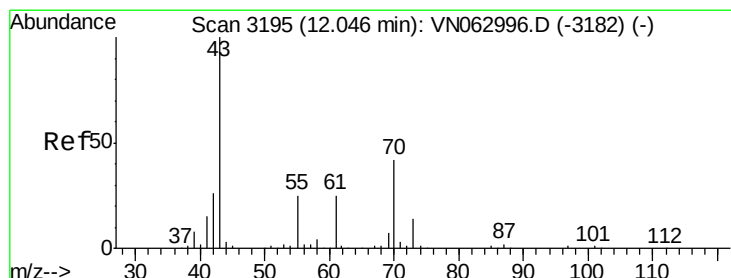
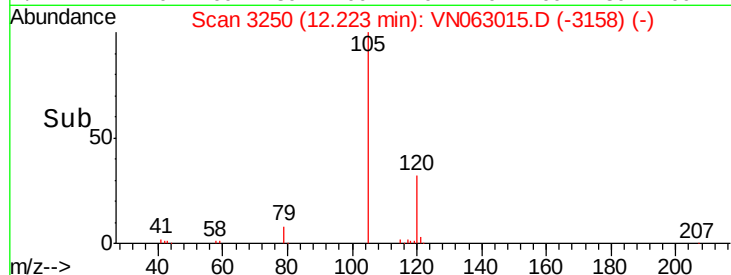
20000

0

Time-->

12.20

12.30



#74

N-ethyl acetate

Concen: 19.609 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Tgt Ion: 43 Resp: 60949

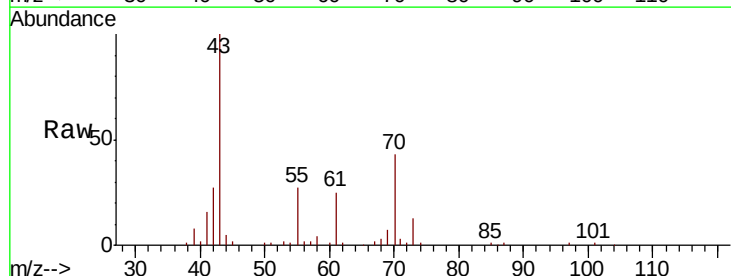
Ion Ratio Lower Upper

43 100

70 42.0 33.4 50.0

55 26.6 20.2 30.2

61 24.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

50000

40000

30000

20000

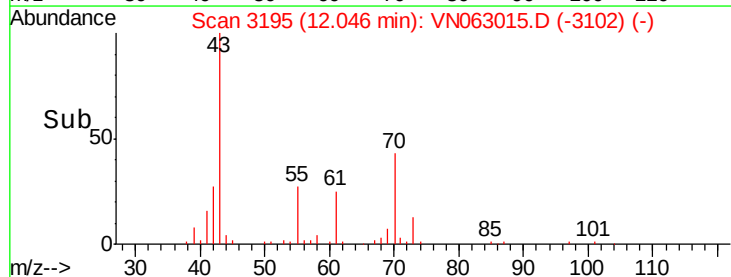
10000

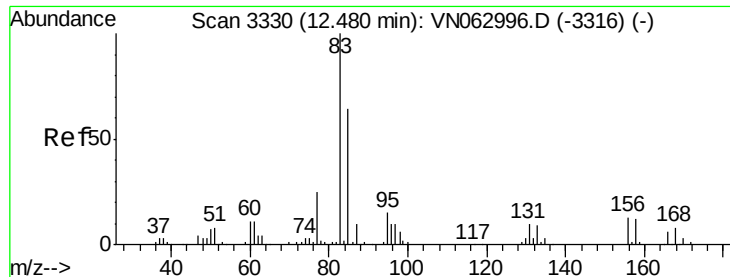
0

Time-->

12.00

12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 19.679 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

BFB

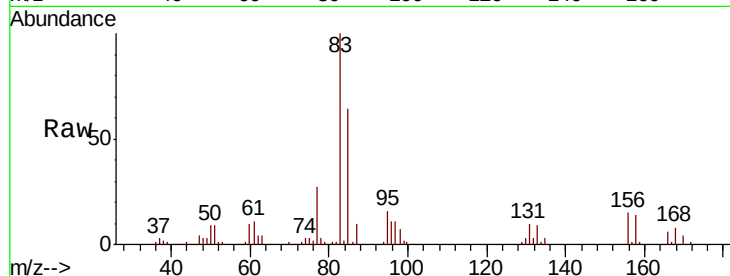
Tot Ion: 83 Resp: 57972

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

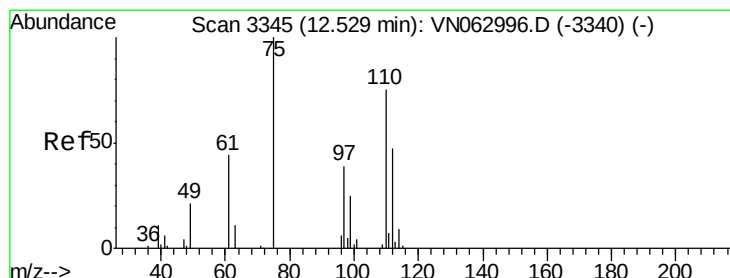
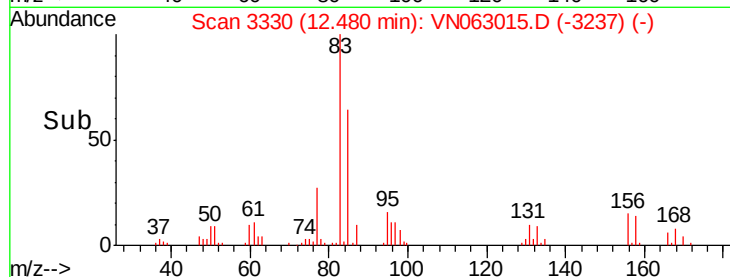
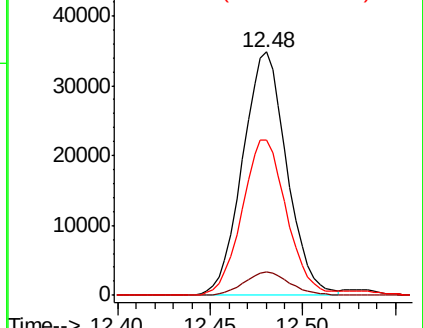
85 64.3 31.9 95.5



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) (-)



#76

1,2,3-Trichloropropane

Concen: 28.135 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN063015.D

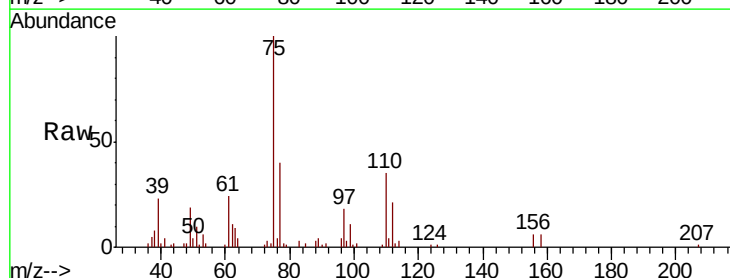
Acq: 19 Aug 2020 15:56

Tgt Ion: 75 Resp: 69308

Ion Ratio Lower Upper

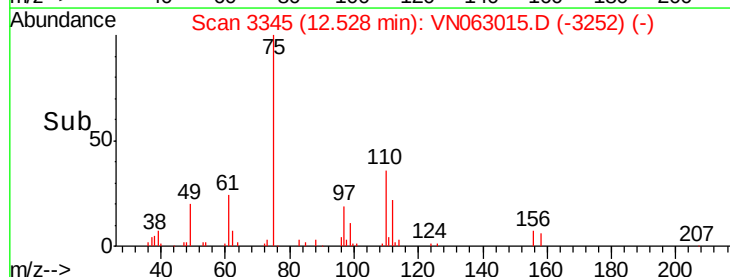
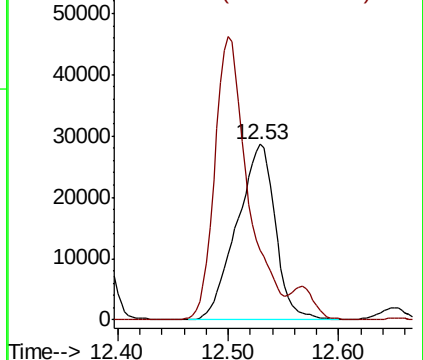
75 100

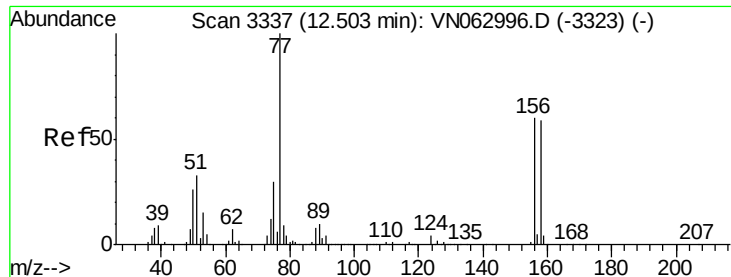
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 20.081 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

BFB

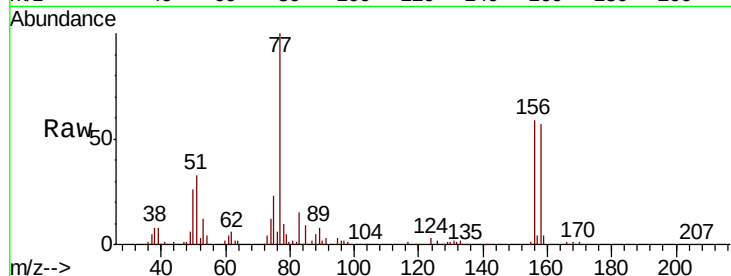
Tot Ion:156 Resp: 47930

Ion Ratio Lower Upper

156 100

77 201.2 101.0 302.9

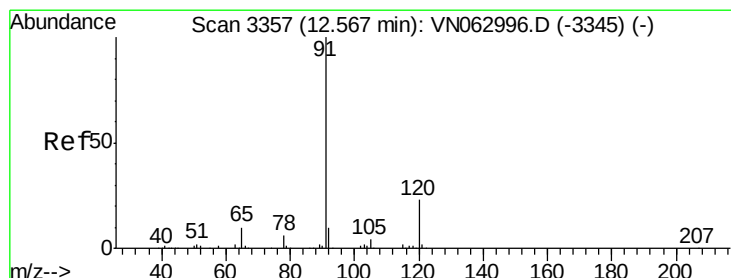
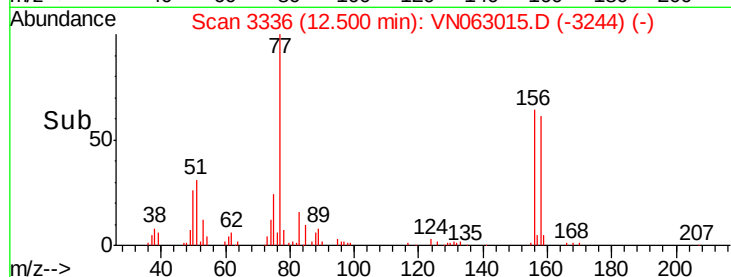
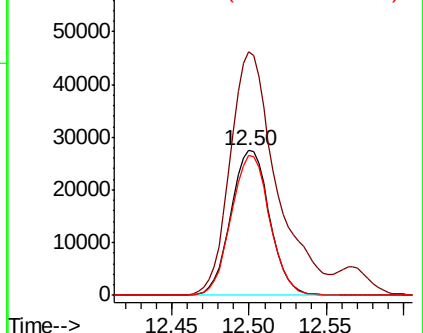
158 95.9 49.4 148.0



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: 20.528 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063015.D

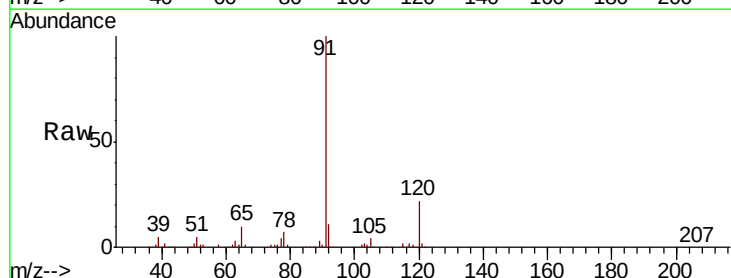
Acq: 19 Aug 2020 15:56

Tgt Ion: 91 Resp: 203064

Ion Ratio Lower Upper

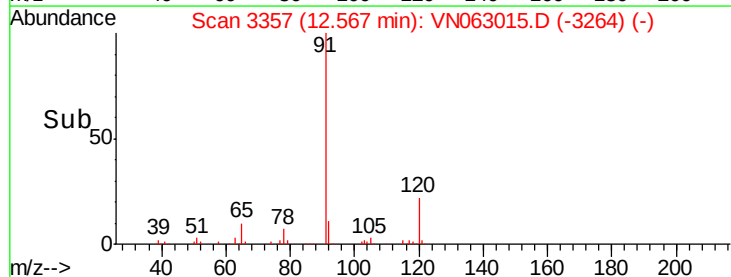
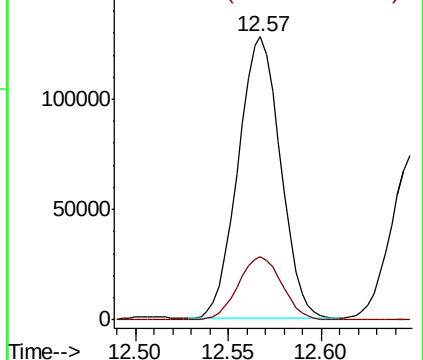
91 100

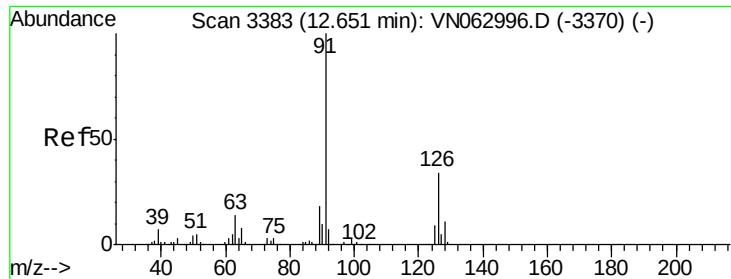
120 23.0 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.911 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

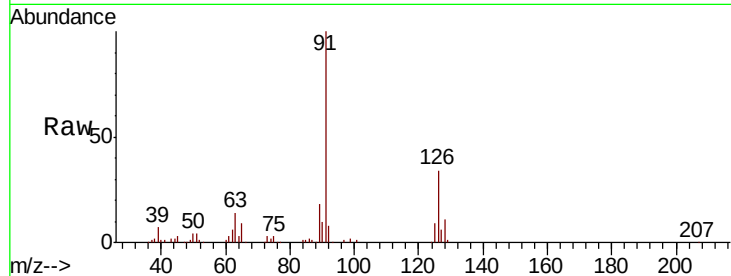
BFB

Tot Ion: 91 Resp: 123889

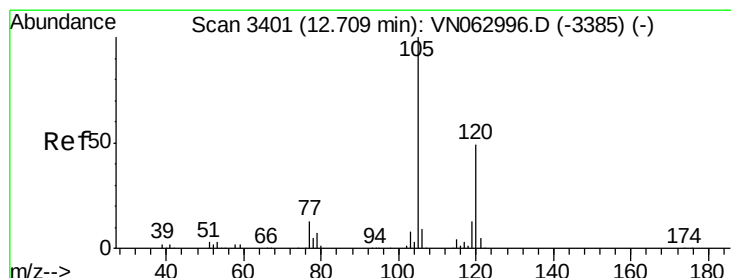
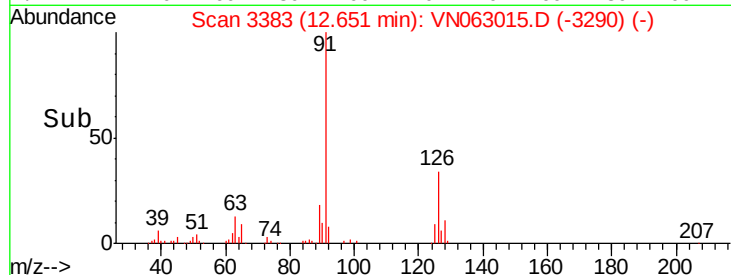
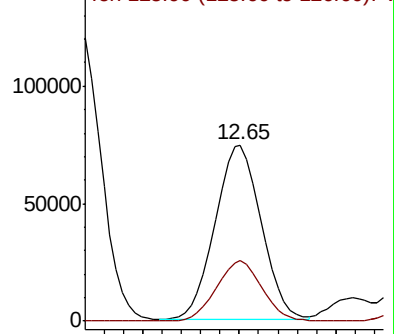
Ion Ratio Lower Upper

91 100

126 34.0 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.854 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN063015.D

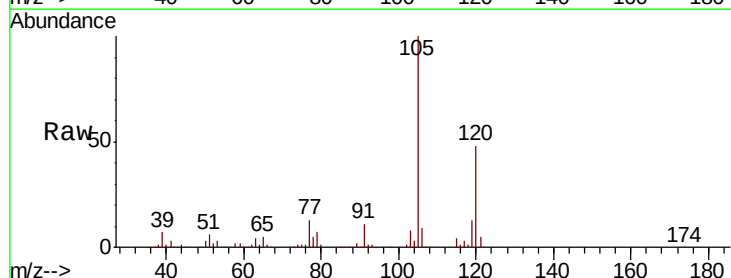
Acq: 19 Aug 2020 15:56

Tgt Ion: 105 Resp: 149615

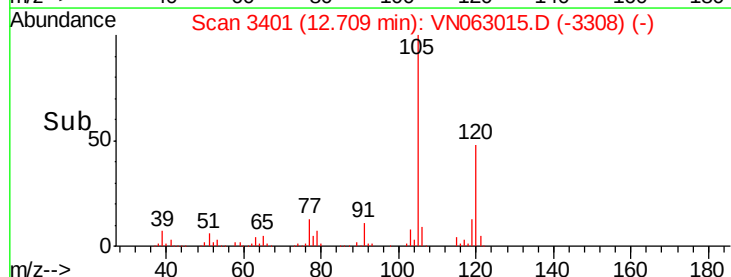
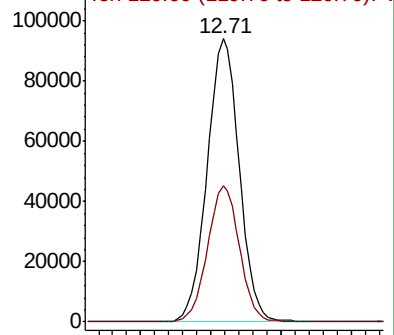
Ion Ratio Lower Upper

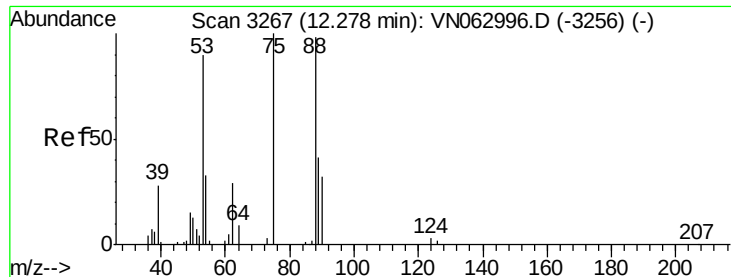
105 100

120 47.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN062996.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.783 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

BFB

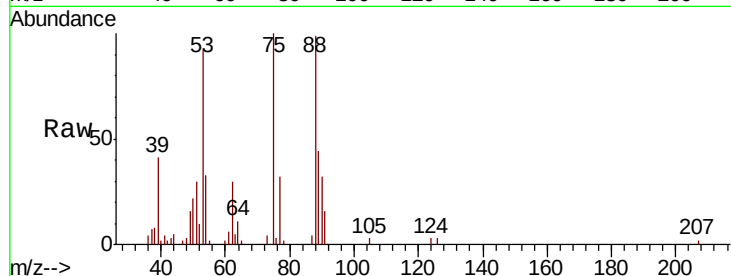
Tot Ion: 75 Resp: 16847

Ion Ratio Lower Upper

75 100

53 88.9 69.2 103.8

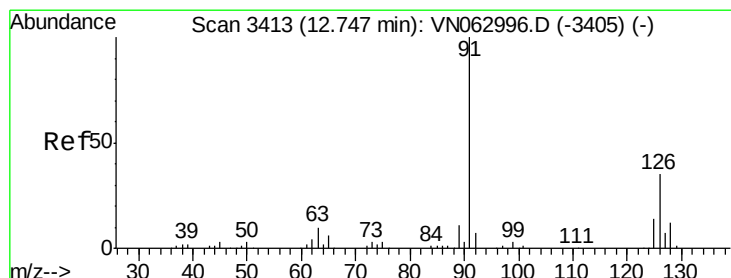
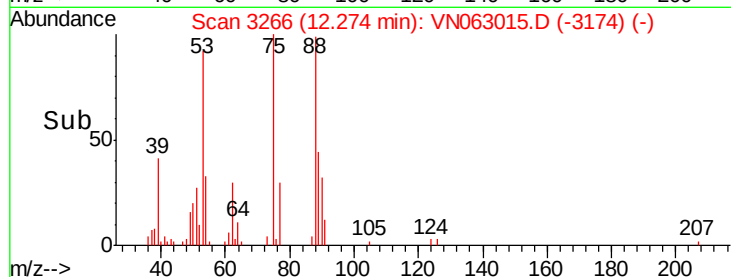
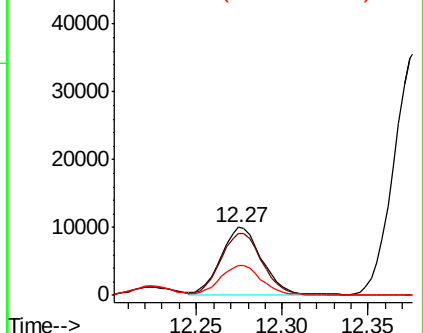
89 44.3 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VN062996.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062996.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062996.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 19.771 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN063015.D

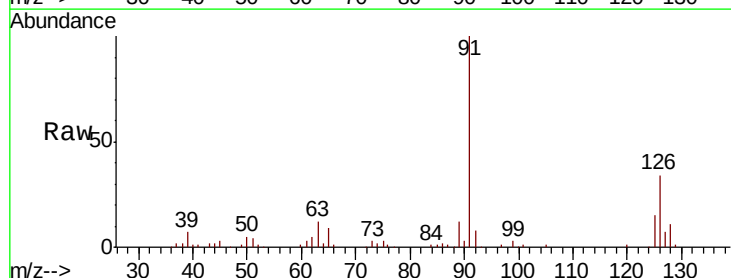
Acq: 19 Aug 2020 15:56

Tgt Ion: 91 Resp: 125261

Ion Ratio Lower Upper

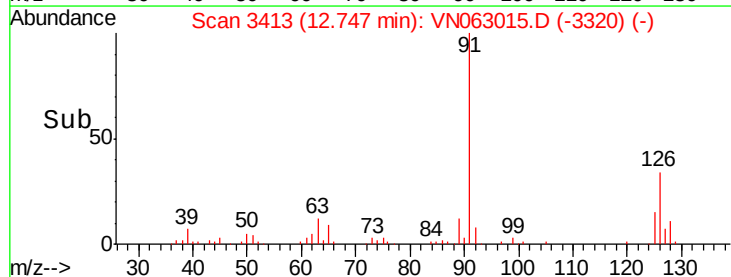
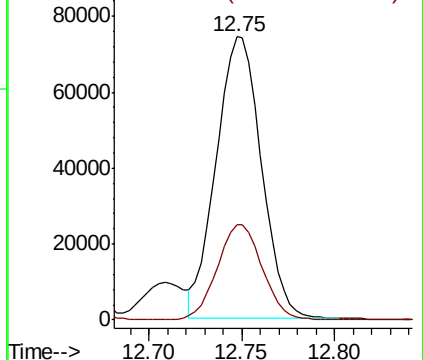
91 100

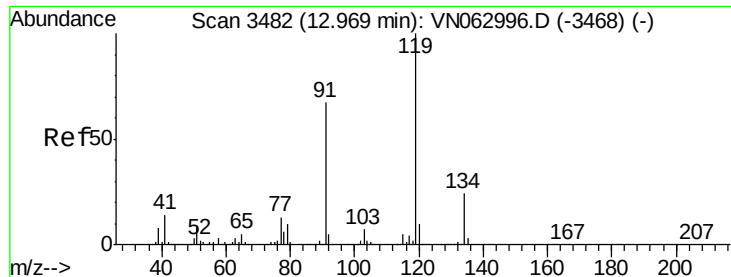
126 33.8 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3405) (-)

Ion 125.90 (125.60 to 126.60): VN062996.D (-3405) (-)

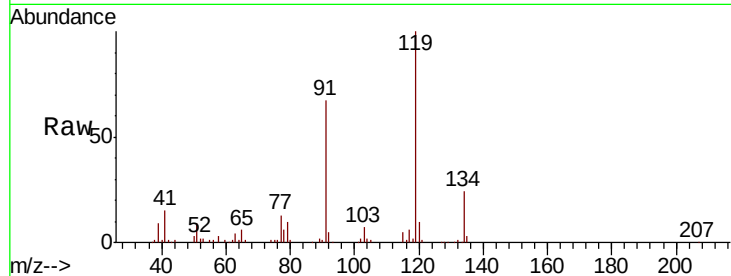




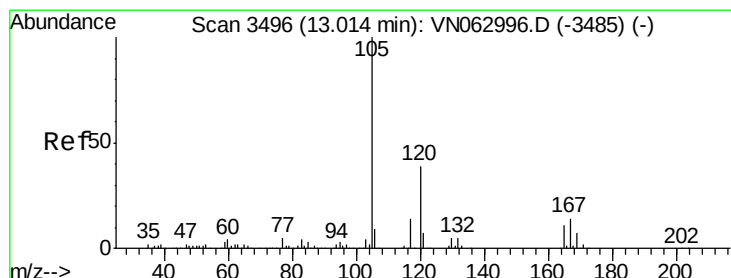
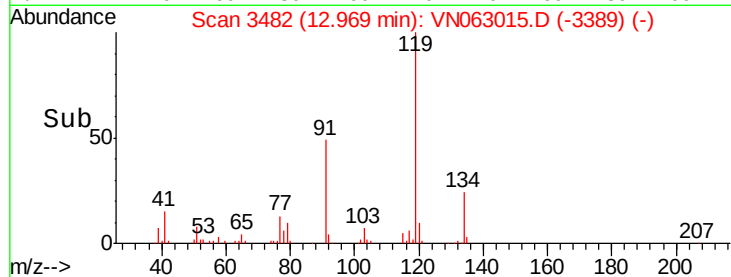
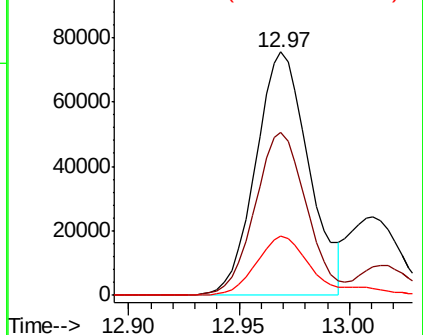
#83
 tert-Butylbenzene
 Concen: 20.375 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Instrument :
 MSVOA_N
 ClientSampled :
 BFB

Tot Ion:119 Resp: 126164
 Ion Ratio Lower Upper
 119 100
 91 65.3 32.5 97.4
 134 26.3 13.1 39.3

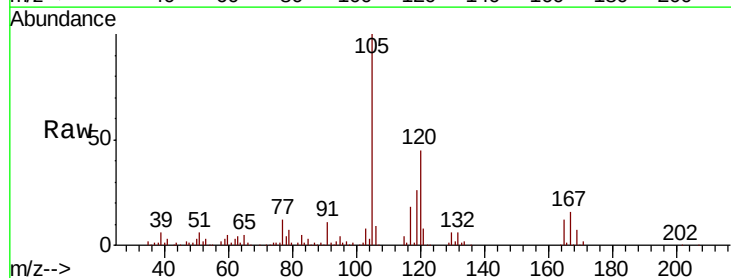


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

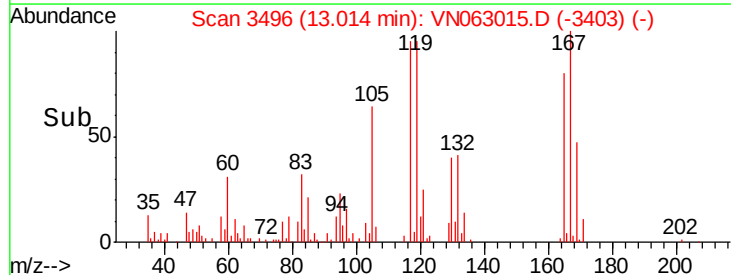
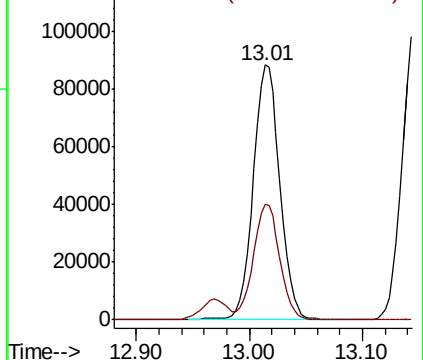


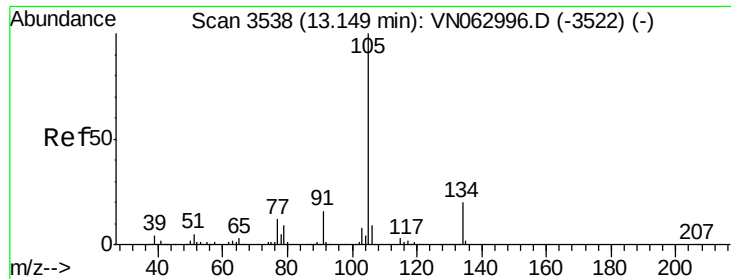
#84
 1,2,4-Trimethylbenzene
 Concen: 20.624 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion:105 Resp: 144145
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

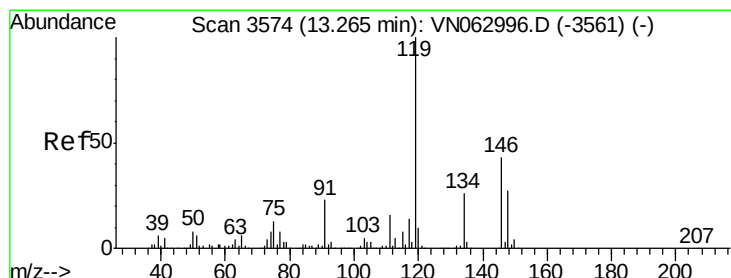
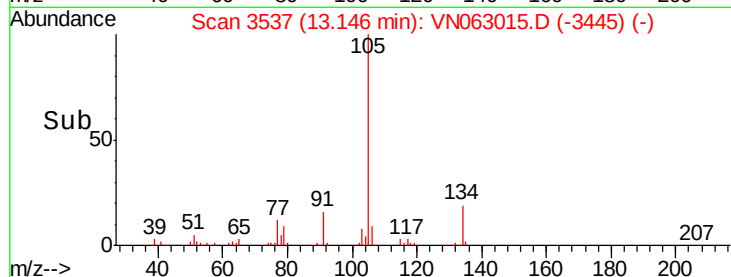
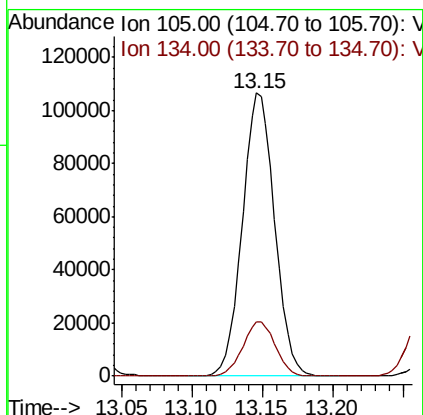
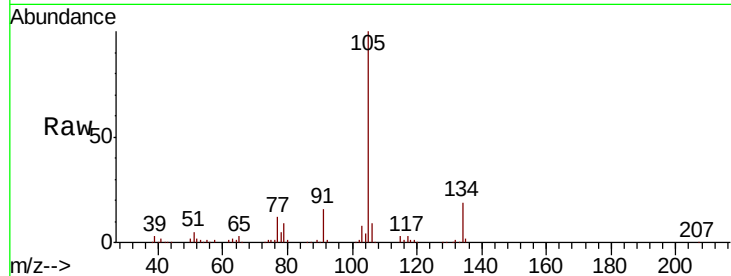




#85
 sec-Butylbenzene
 Concen: 20.314 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

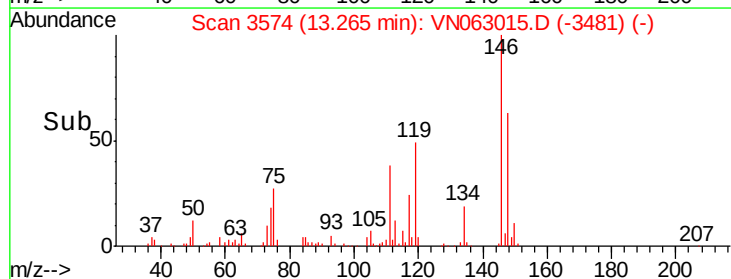
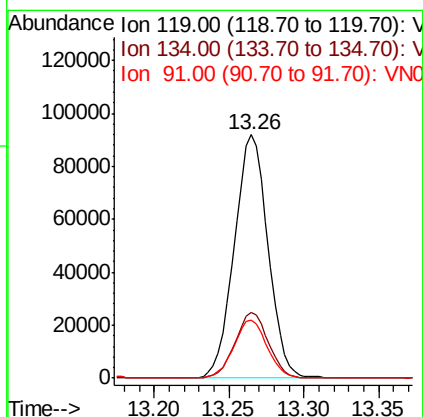
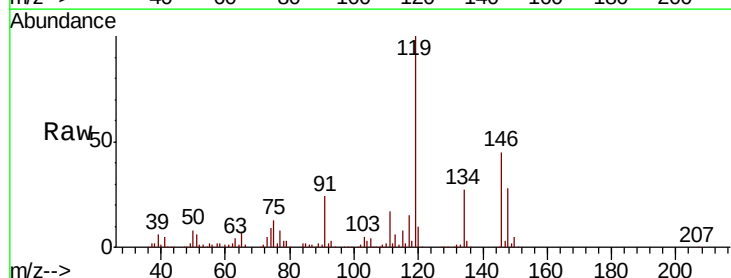
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

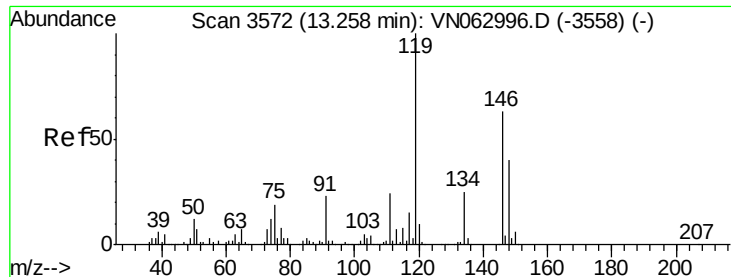
Tot Ion:105 Resp: 169999
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.775 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion:119 Resp: 144194
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 23.8 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 19.981 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampleId :

BFB

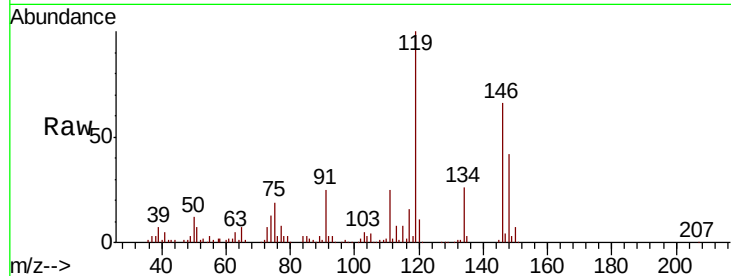
Tot Ion:146 Resp: 81963

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.1

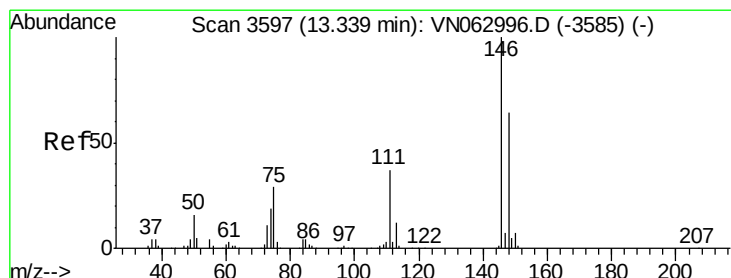
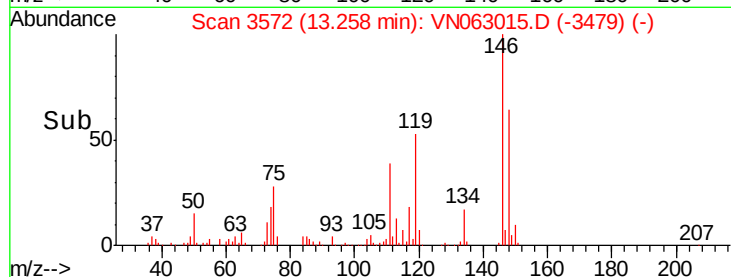
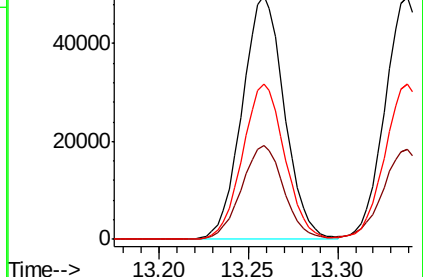
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.838 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

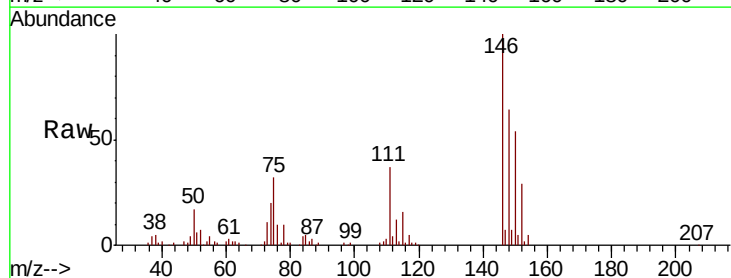
Tgt Ion:146 Resp: 82597

Ion Ratio Lower Upper

146 100

111 38.7 18.8 56.4

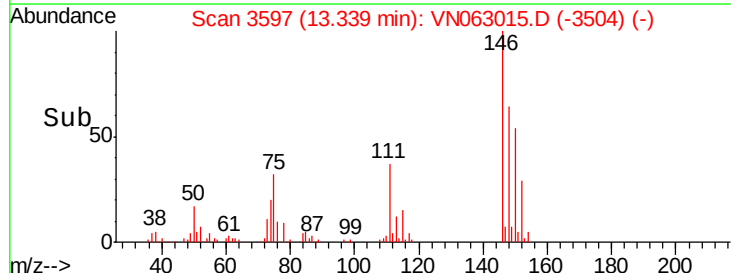
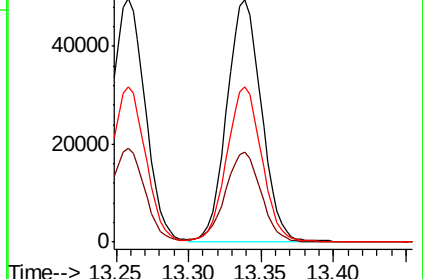
148 64.7 32.4 97.0

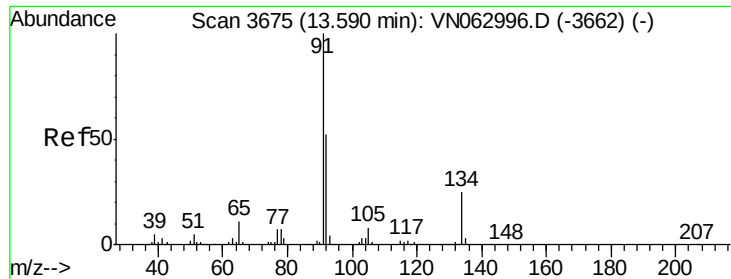


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.284 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 15:56

Instrument :

MSVOA_N

ClientSampled :

BFB

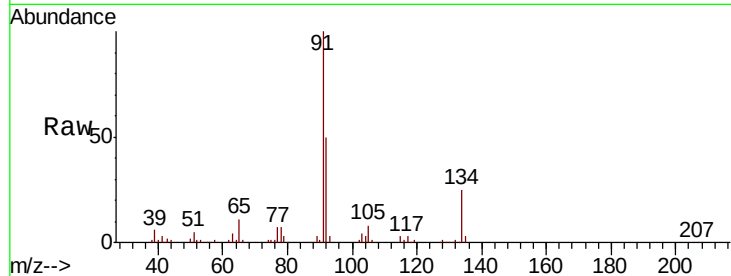
Tot Ion: 91 Resp: 113504

Ion Ratio Lower Upper

91 100

92 50.6 25.9 77.6

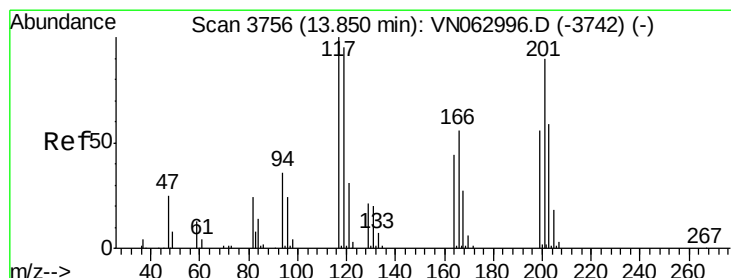
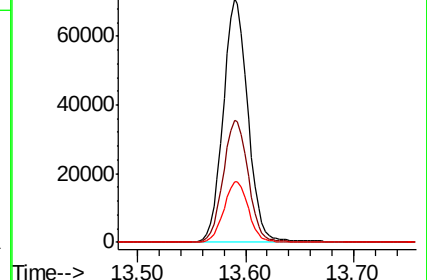
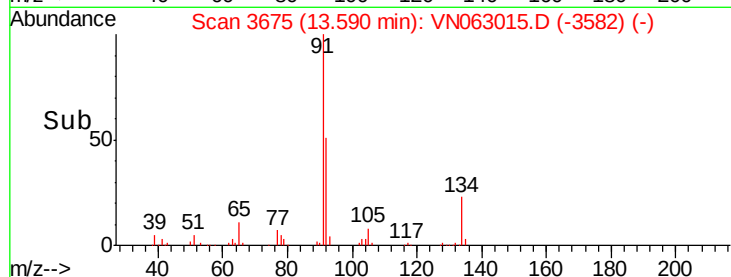
134 24.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VN062996.D (-3662) (-)

Ion 92.00 (91.70 to 92.70): VN062996.D (-3662) (-)

Ion 134.00 (133.70 to 134.70): VN062996.D (-3662) (-)



#90

Hexachloroethane

Concen: 19.432 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN063015.D

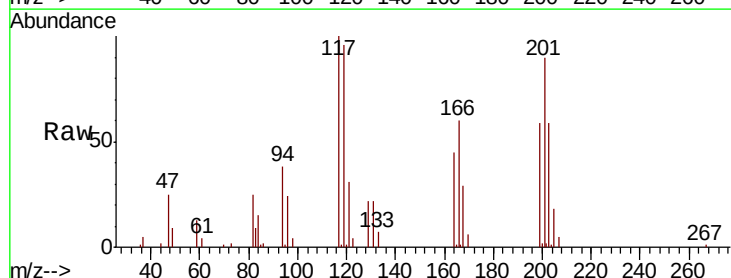
Acq: 19 Aug 2020 15:56

Tgt Ion: 117 Resp: 30117

Ion Ratio Lower Upper

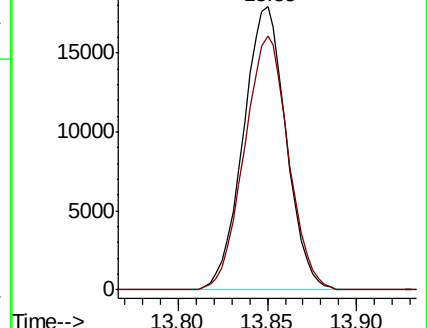
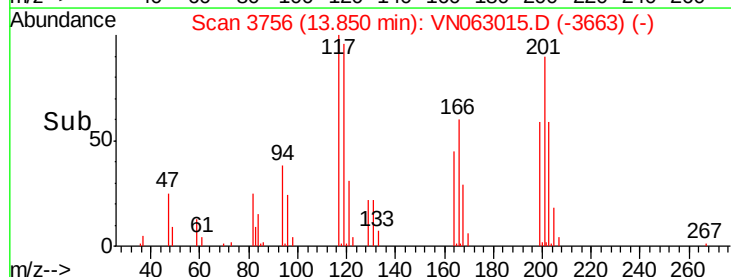
117 100

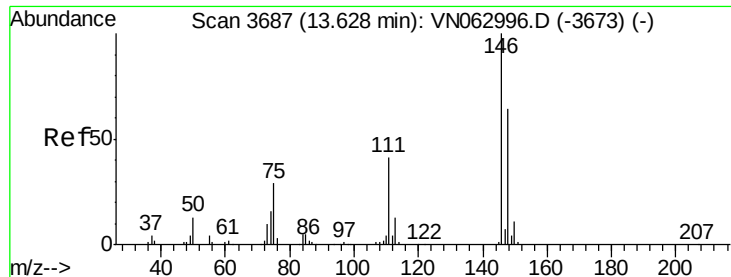
201 91.9 44.1 132.4



Abundance Ion 116.80 (116.50 to 117.50): VN062996.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062996.D (-3742) (-)

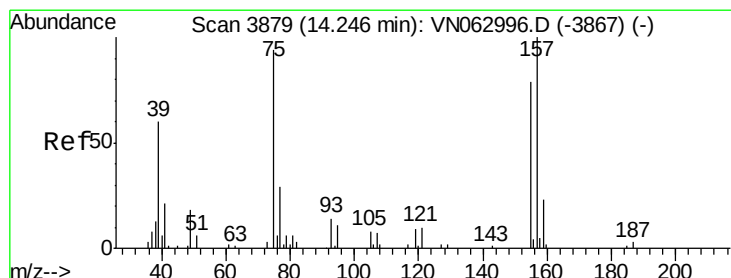
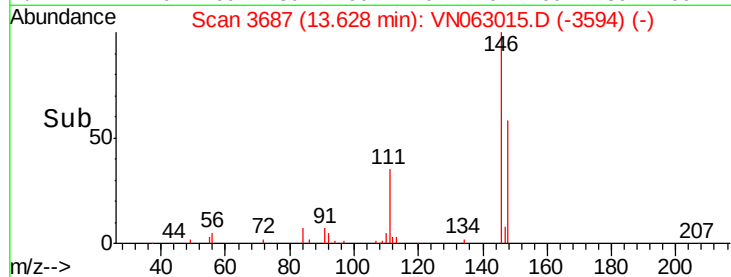
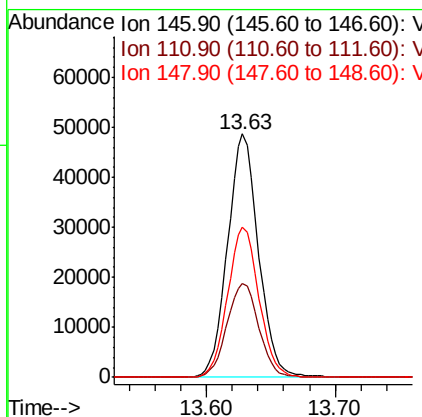
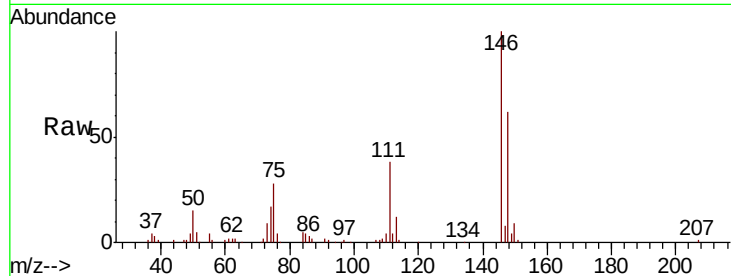




#91
 1,2-Dichlorobenzene
 Concen: 20.434 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

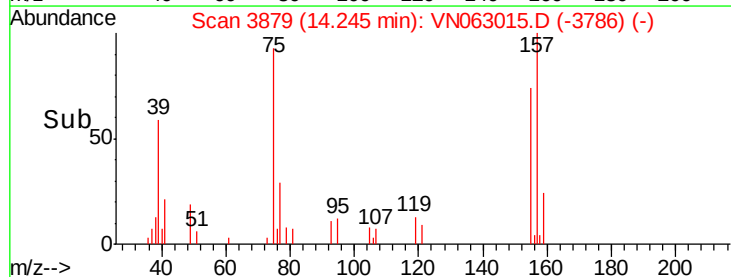
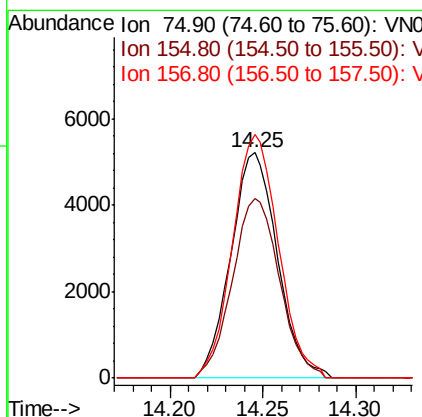
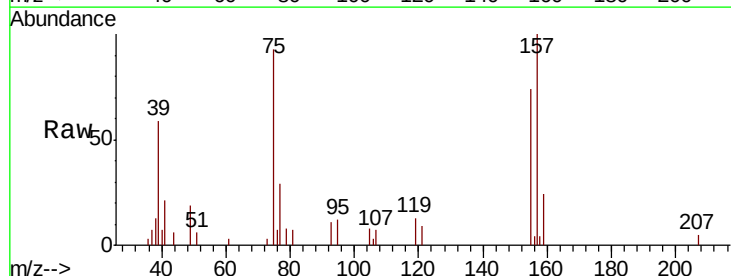
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

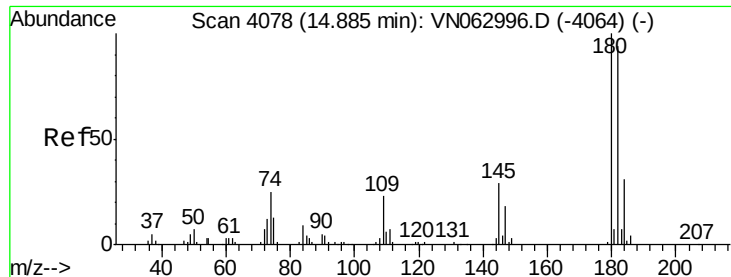
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.2	60.5
148	62.4	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.882 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	42.4	127.1
157	106.2	55.2	165.6

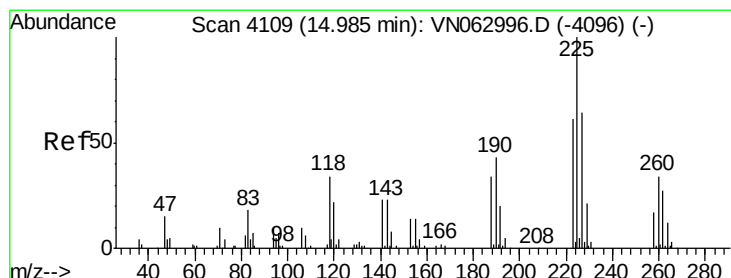
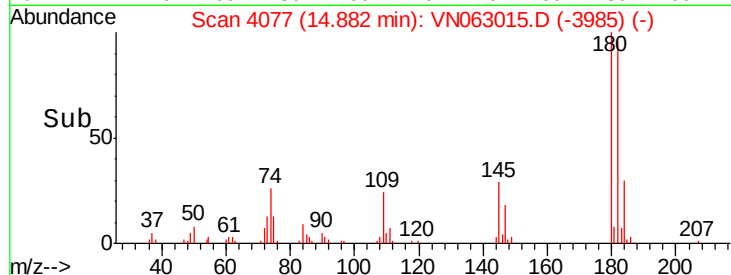
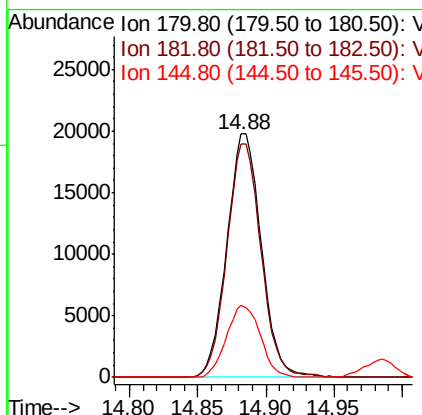
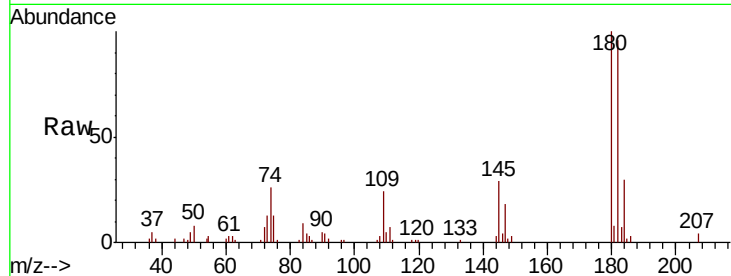




#93
 1,2,4-Trichlorobenzene
 Concen: 18.870 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

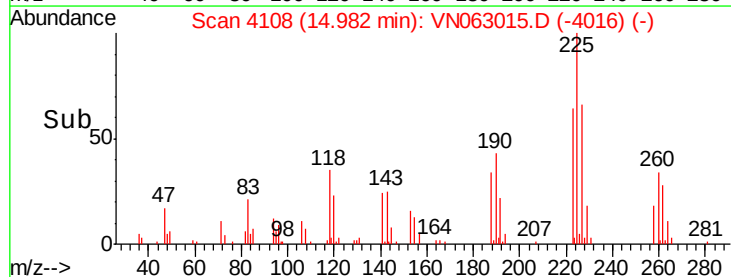
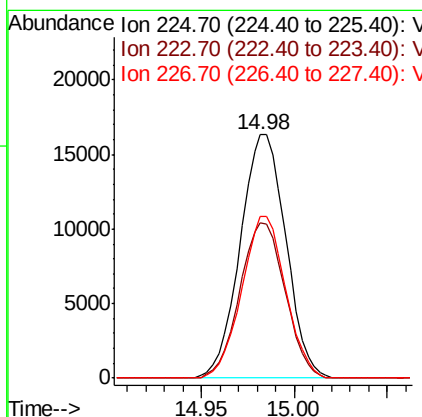
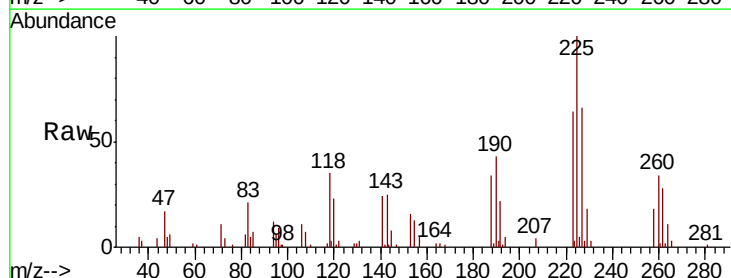
Instrument :
 MSVOA_N
 ClientSampled :
 BFB

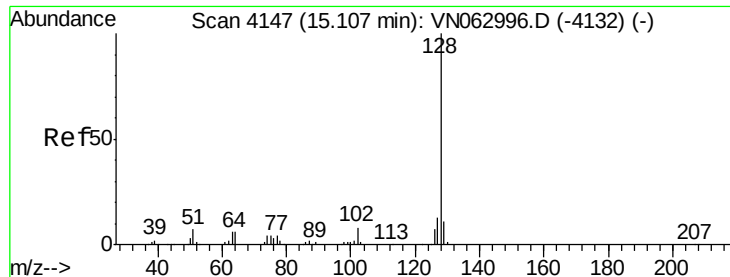
Tot Ion:180 Resp: 34609
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.0 141.2
 145 29.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.010 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 15:56

Tgt Ion:225 Resp: 27834
 Ion Ratio Lower Upper
 225 100
 223 63.2 30.9 92.5
 227 63.9 31.9 95.9

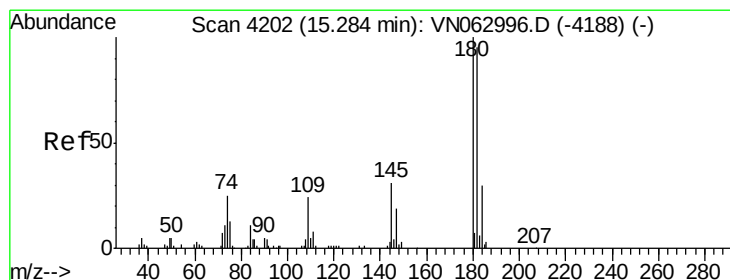
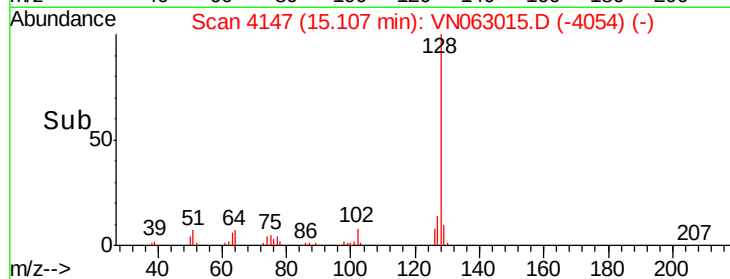
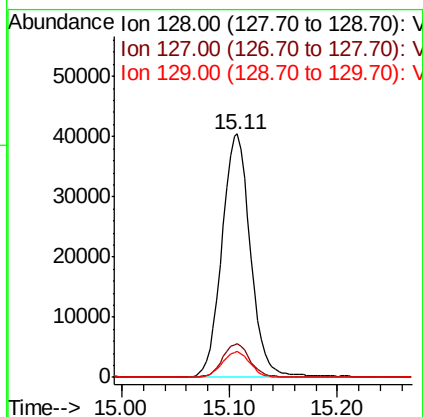
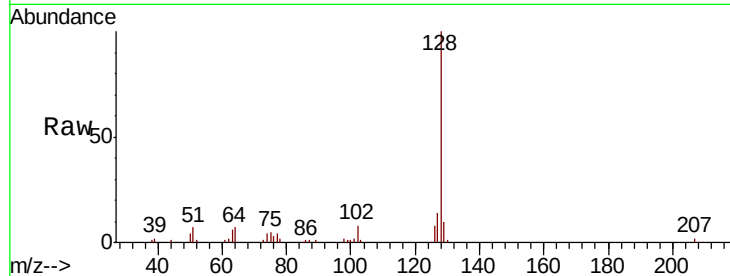




#95
Naphthalene
Concen: 18.727 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Instrument :
MSVOA_N
ClientSampled :
BFB

Tot Ion:128 Resp: 74579
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.857 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN063015.D
Acq: 19 Aug 2020 15:56

Tgt Ion:180 Resp: 34826
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.9
145 30.4 15.6 46.7

