

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063913.D
 Acq On : 7 Oct 2020 00:17
 Operator : JC/MD
 Sample : VN1006WBSD04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBSD04

Quant Time: Oct 07 05:01:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	259489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	441890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	187426	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	217955	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
35) Dibromofluoromethane	7.55	113	149655	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	10.06	98	548669	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.38	95	196008	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	48270	17.629	ug/l	99
3) Chloromethane	2.04	50	57693	17.958	ug/l	99
4) Vinyl Chloride	2.16	62	56624	17.558	ug/l	95
5) Bromomethane	2.53	94	36451	17.970	ug/l	96
6) Chloroethane	2.67	64	37854	19.644	ug/l	99
7) Trichlorofluoromethane	2.98	101	94636	18.503	ug/l	99
8) Diethyl Ether	3.37	74	33186	19.185	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	49627	18.154	ug/l	99
10) Methyl Iodide	3.91	142	53228	16.769	ug/l	100
11) Tert butyl alcohol	4.73	59	56701	119.801	ug/l	97
12) 1,1-Dichloroethene	3.70	96	48303	18.486	ug/l	94
13) Acrolein	3.57	56	53713	184.911	ug/l	96
14) Allyl chloride	4.28	41	96812	19.943	ug/l	94
15) Acrylonitrile	4.93	53	142738	105.360	ug/l	99
16) Acetone	3.78	43	138163	104.696	ug/l	98
17) Carbon Disulfide	4.01	76	128716	18.671	ug/l	100
18) Methyl Acetate	4.28	43	74807	21.833	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	186231	19.617	ug/l	98
20) Methylene Chloride	4.50	84	60839	20.186	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	53230	18.187	ug/l	97
22) Diisopropyl ether	5.90	45	205869	20.612	ug/l	96
23) Vinyl Acetate	5.85	43	841302	101.687	ug/l	100
24) 1,1-Dichloroethane	5.80	63	111521	19.528	ug/l	98
25) 2-Butanone	6.79	43	209283	111.859	ug/l	95
26) 2,2-Dichloropropane	6.78	77	82517	15.778	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	61726	18.337	ug/l	97
28) Bromochloromethane	7.15	49	56984	20.189	ug/l	96
29) Tetrahydrofuran	7.17	42	137977	109.956	ug/l	97
30) Chloroform	7.33	83	118684	19.932	ug/l	89
31) Cyclohexane	7.61	56	87732	17.628	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	105146	19.577	ug/l	98
36) 1,1-Dichloropropene	7.75	75	81783	18.268	ug/l	99
37) Ethyl Acetate	6.88	43	87789	19.738	ug/l	98
38) Carbon Tetrachloride	7.73	117	92018	18.330	ug/l	93

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	70127	15.708	ug/l	95
40) Benzene	8.00	78	236295	18.480	ug/l	97
41) Methacrylonitrile	7.12	41	36624	18.527	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	104545	19.154	ug/l	99
43) Isopropyl Acetate	8.13	43	146926	20.027	ug/l	99
44) Trichloroethene	8.80	130	60390	18.025	ug/l	98
45) 1,2-Dichloropropane	9.09	63	64028	18.541	ug/l	98
46) Dibromomethane	9.18	93	45874	19.256	ug/l	95
47) Bromodichloromethane	9.37	83	93532	19.050	ug/l	99
48) Methyl methacrylate	9.17	41	72478	19.996	ug/l	94
49) 1,4-Dioxane	9.16	88	20838	404.513	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	457454	106.254	ug/l	99
52) Toluene	10.13	92	148162	18.733	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	94364	17.930	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	101638	18.466	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	61818	19.490	ug/l	96
56) Ethyl methacrylate	10.40	69	84919	18.888	ug/l	96
57) 1,3-Dichloropropane	10.68	76	105063	19.579	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	236032	98.146	ug/l	99
59) 2-Hexanone	10.72	43	329746	103.102	ug/l	98
60) Dibromochloromethane	10.87	129	69484	18.811	ug/l	99
61) 1,2-Dibromoethane	10.98	107	62351	19.217	ug/l	99
64) Tetrachloroethene	10.60	164	54605	17.130	ug/l	96
65) Chlorobenzene	11.41	112	159105	18.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	62261	19.216	ug/l	99
67) Ethyl Benzene	11.49	91	278770	18.127	ug/l	100
68) m/p-Xylenes	11.59	106	203634	35.528	ug/l	98
69) o-Xylene	11.92	106	98908	18.462	ug/l	98
70) Styrene	11.94	104	166037	18.258	ug/l	99
71) Bromoform	12.10	173	46324	18.693	ug/l #	98
73) Isopropylbenzene	12.23	105	258749	18.927	ug/l	98
74) N-amyl acetate	12.04	43	120246	20.302	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	88004	21.052	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	118614	28.709	ug/l #	100
77) Bromobenzene	12.50	156	67456	20.109	ug/l	99
78) n-propylbenzene	12.57	91	289684	18.208	ug/l	99
79) 2-Chlorotoluene	12.65	91	186137	19.023	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	219852	19.169	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	27180	18.947	ug/l	97
82) 4-Chlorotoluene	12.75	91	193730	19.072	ug/l	99
83) tert-Butylbenzene	12.97	119	173464	18.490	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	214906	18.768	ug/l	100
85) sec-Butylbenzene	13.15	105	224774	18.242	ug/l	100
86) p-Isopropyltoluene	13.26	119	200625	18.405	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	114123	18.805	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	113719	17.997	ug/l	99
89) n-Butylbenzene	13.59	91	163374	16.238	ug/l	100
90) Hexachloroethane	13.85	117	41473	19.634	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	115039	19.139	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19025	19.406	ug/l	96

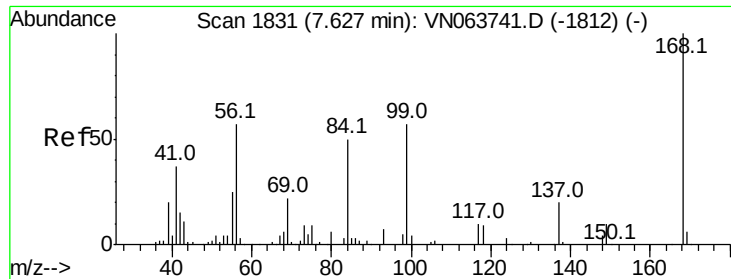
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Quant Time: Oct 07 05:01:09 2020
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	51201	16.857	ug/l	97
94) Hexachlorobutadiene	14.98	225	31835	19.574	ug/l	98
95) Naphthalene	15.11	128	159301	17.070	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	49492	16.691	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

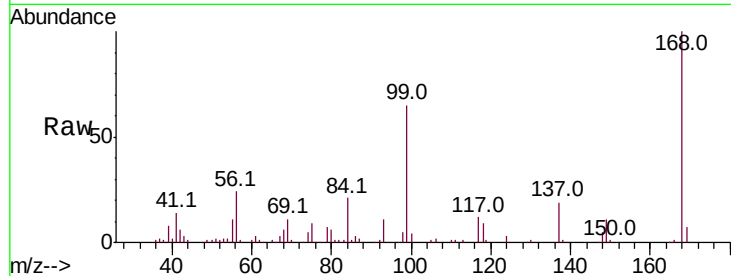
VN1006WBSD04

Tot Ion:168 Resp: 259489

Ion Ratio Lower Upper

168 100

99 64.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

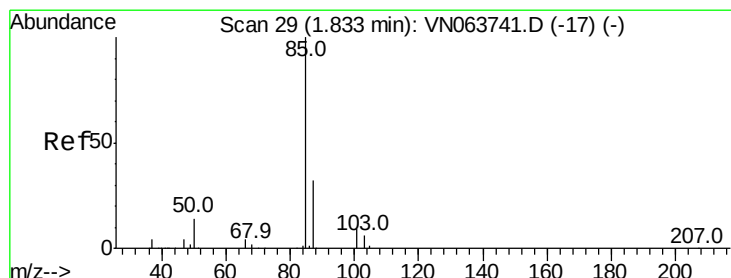
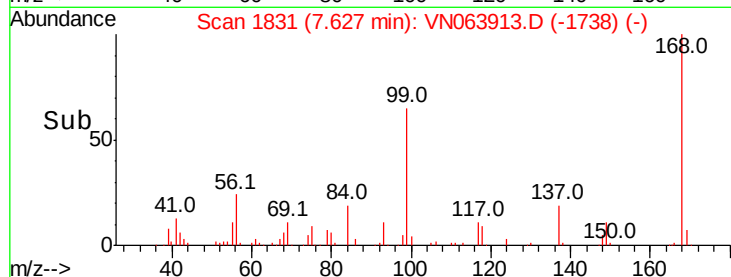
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.629 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063913.D

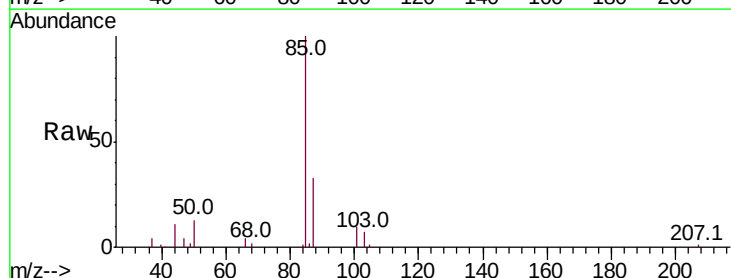
Acq: 7 Oct 2020 00:17

Tgt Ion: 85 Resp: 48270

Ion Ratio Lower Upper

85 100

87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

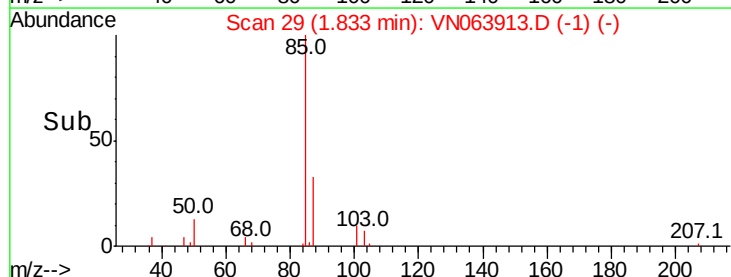
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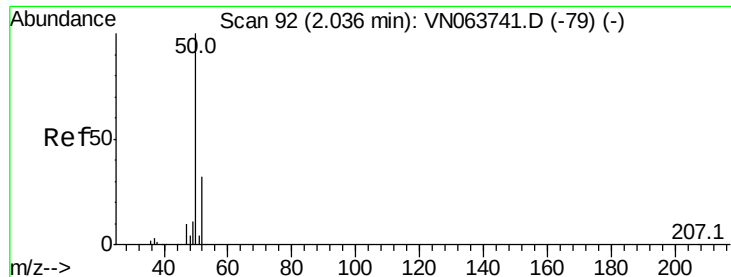
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.958 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

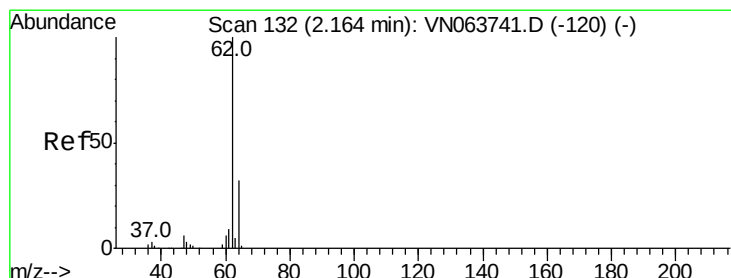
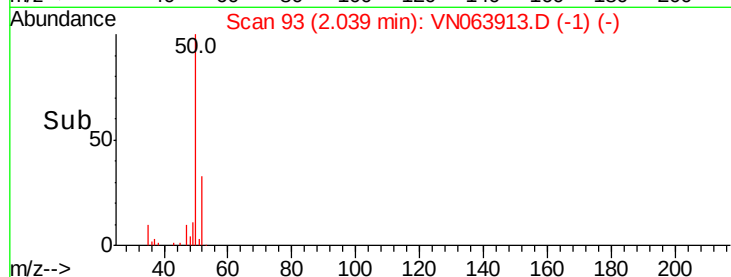
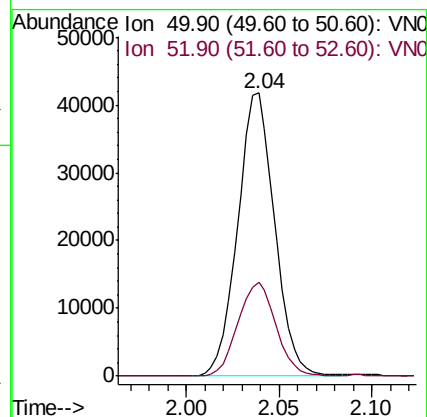
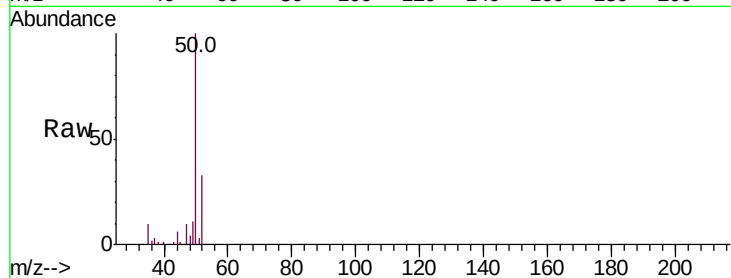
VN1006WBSD04

Tot Ion: 50 Resp: 57693

Ion Ratio Lower Upper

50 100

52 33.1 25.8 38.8



#4

Vinyl Chloride

Concen: 17.558 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063913.D

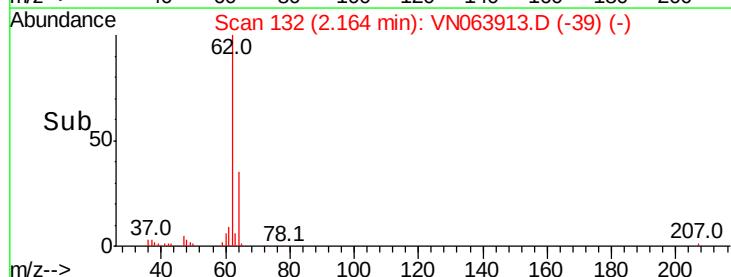
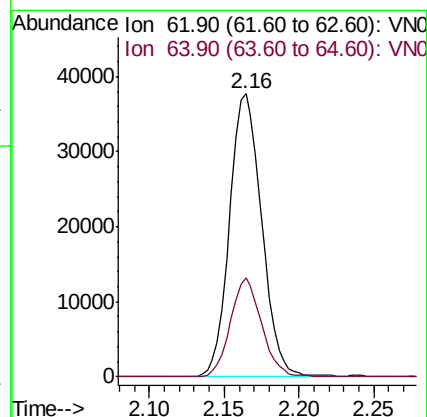
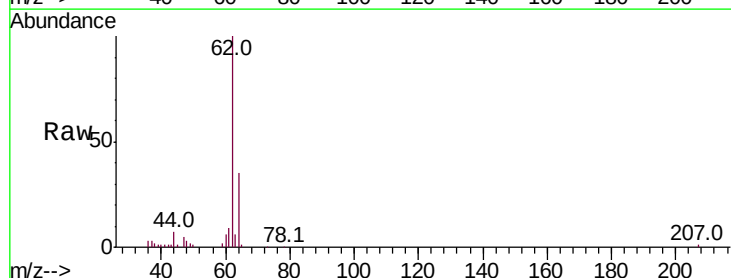
Acq: 7 Oct 2020 00:17

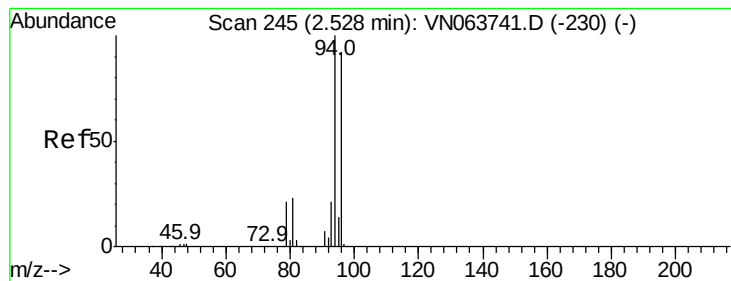
Tgt Ion: 62 Resp: 56624

Ion Ratio Lower Upper

62 100

64 34.9 25.6 38.4





#5

Bromomethane

Concen: 17.970 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

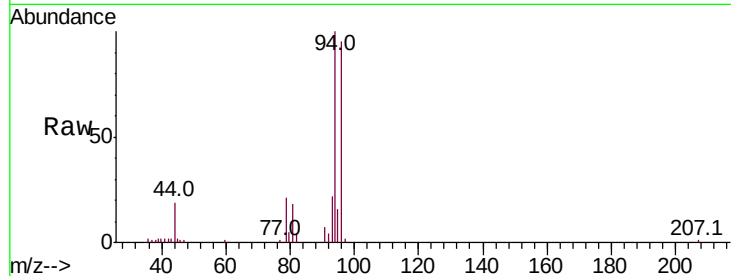
VN1006WBSD04

Tot Ion: 94 Resp: 36451

Ion Ratio Lower Upper

94 100

96 95.0 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

20000

15000

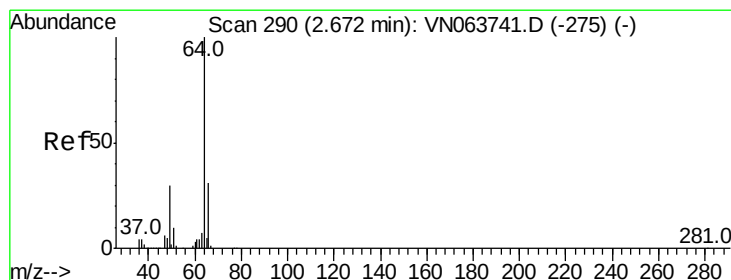
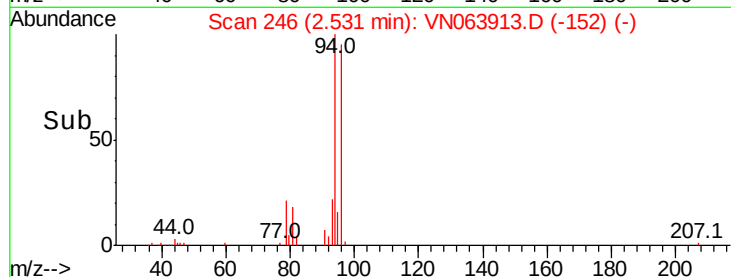
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 19.644 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063913.D

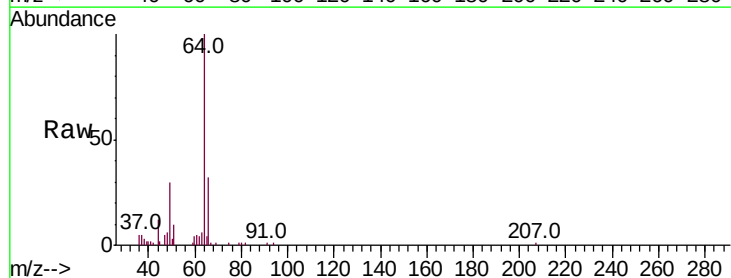
Acq: 7 Oct 2020 00:17

Tgt Ion: 64 Resp: 37854

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

20000

15000

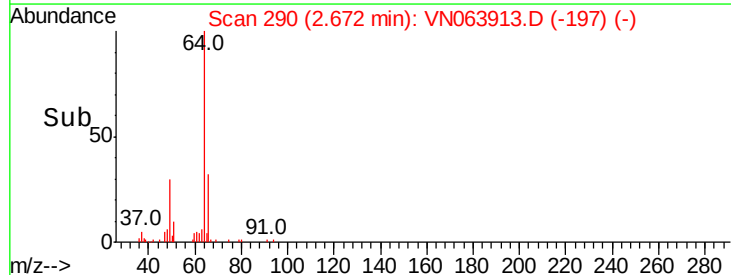
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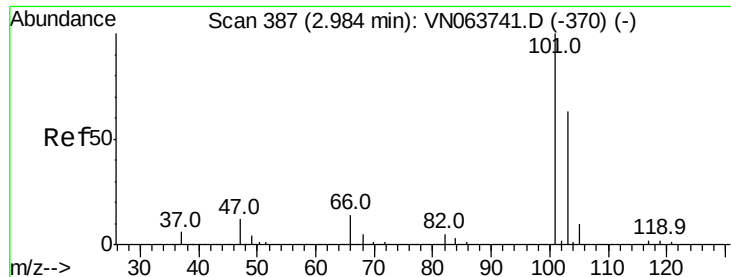
5000

0

Time-->

2.60 2.65 2.70 2.75



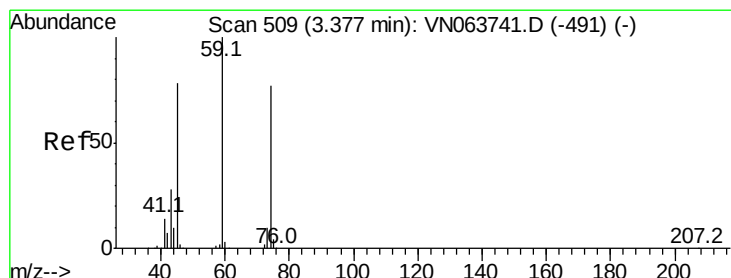
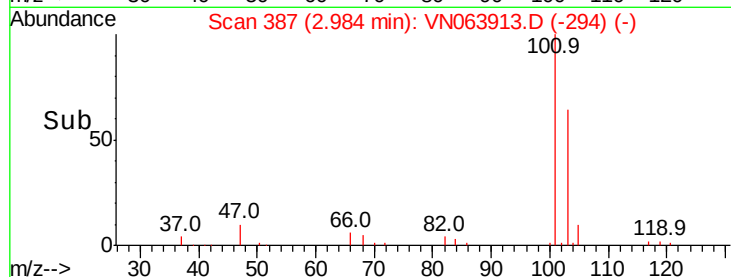
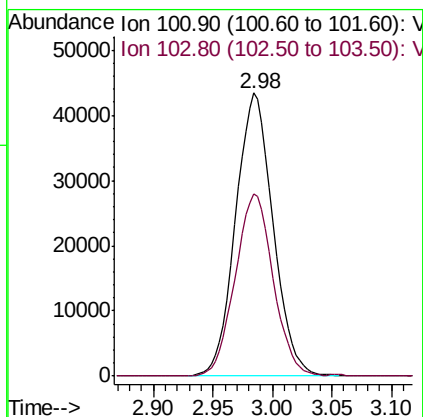
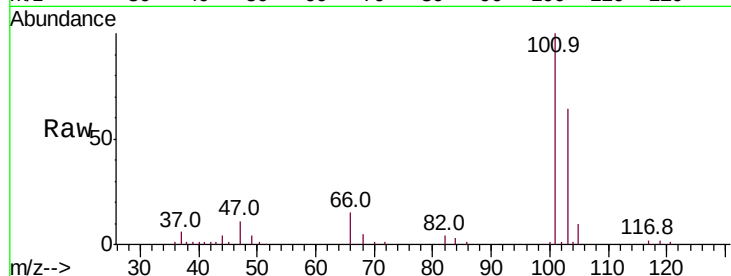


#7

Trichlorofluoromethane
 Concen: 18.503 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

Instrument :
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 ClientSampleId :
 VN1006WBSD04

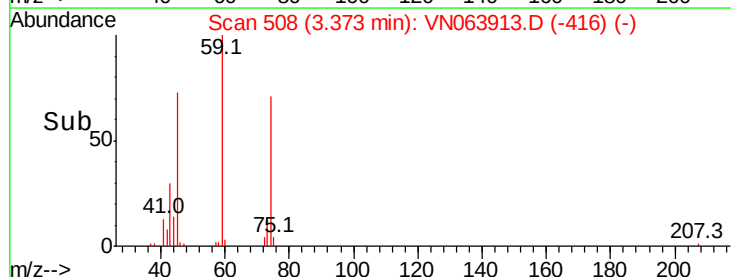
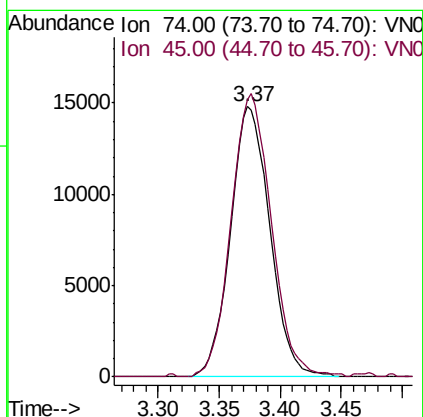
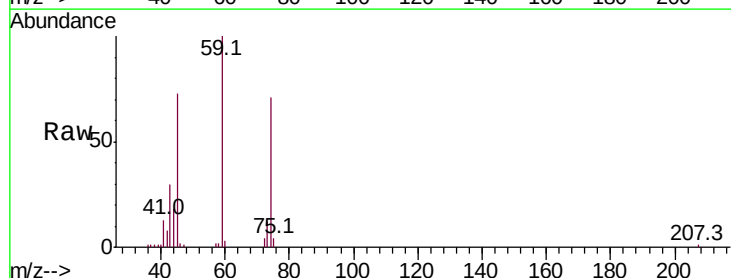
Tot Ion:101 Resp: 94636
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.7 76.1

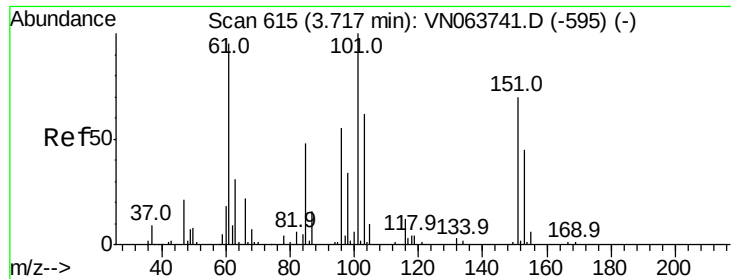


#8

Diethyl Ether
 Concen: 19.185 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

Tgt Ion: 74 Resp: 33186
 Ion Ratio Lower Upper
 74 100
 45 107.2 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.154 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBSD04

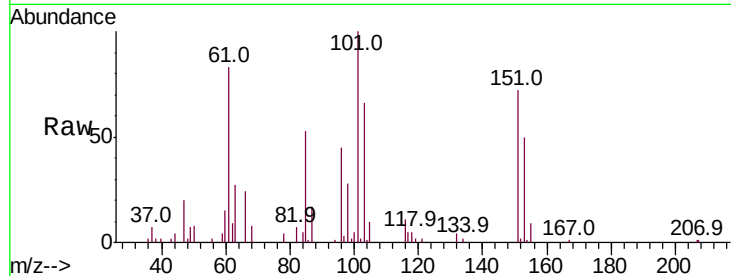
Tot Ion:101 Resp: 49627

Ion Ratio Lower Upper

101 100

85 48.9 38.6 58.0

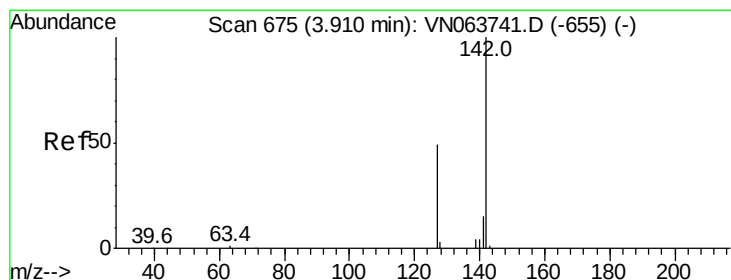
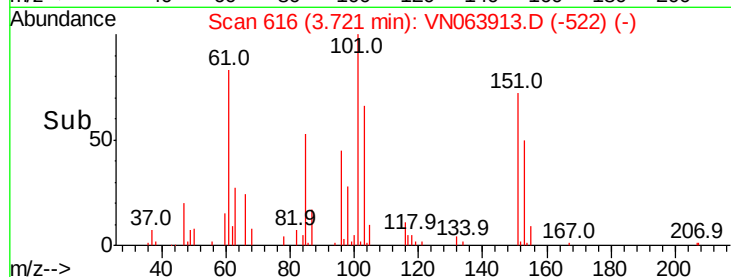
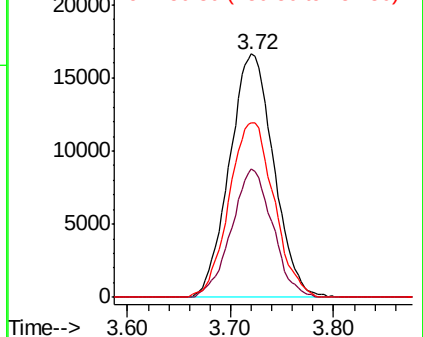
151 72.9 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.769 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

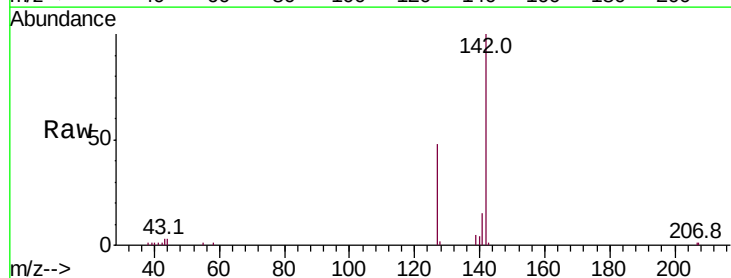
Tgt Ion:142 Resp: 53228

Ion Ratio Lower Upper

142 100

127 50.4 40.5 60.7

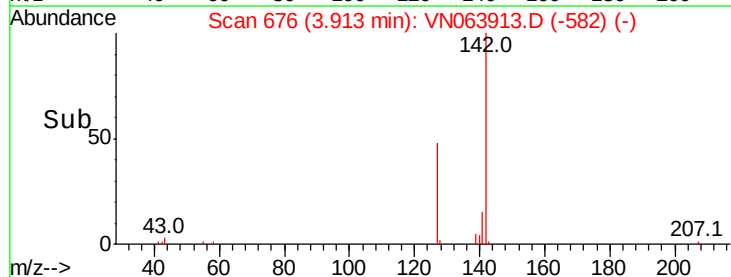
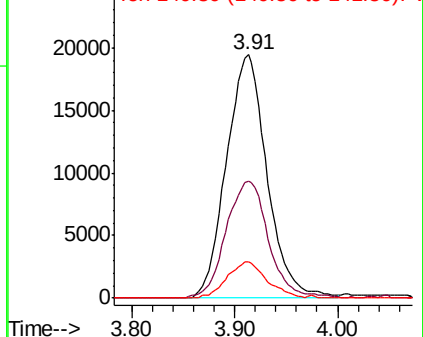
141 14.6 11.7 17.5

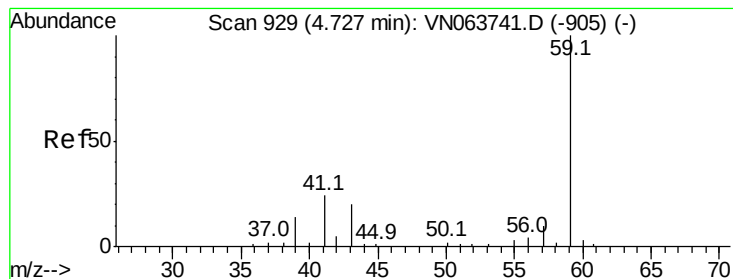


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



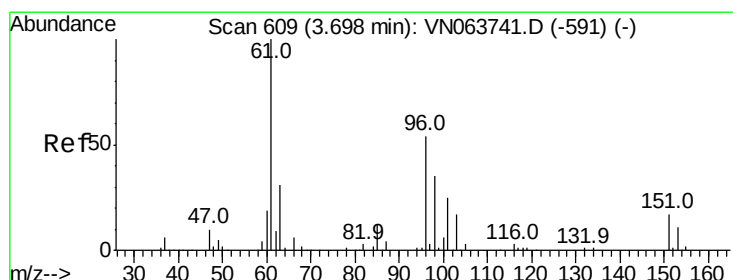
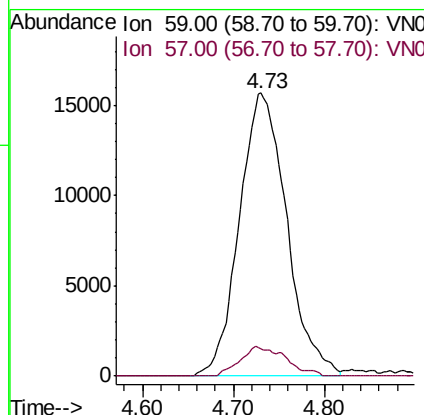
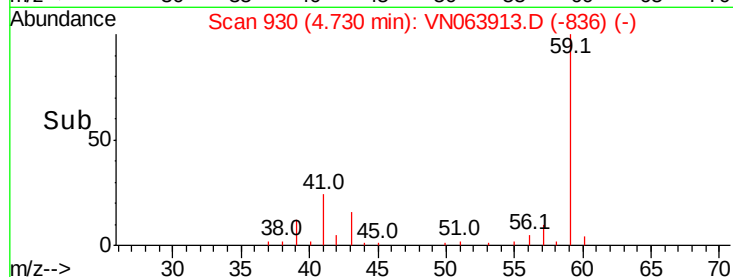
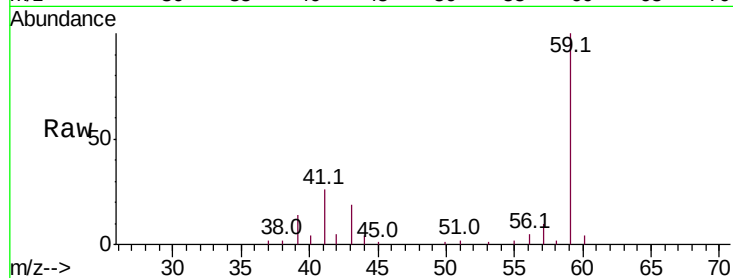


#11

Tert butyl alcohol
 Concen: 119.801 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBSD04

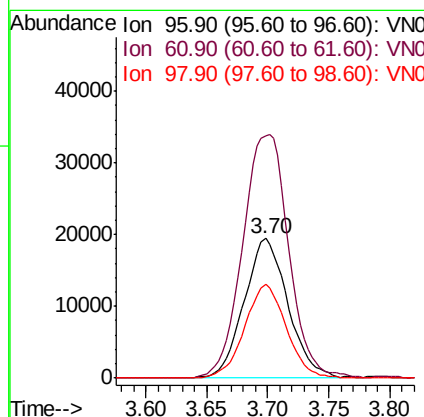
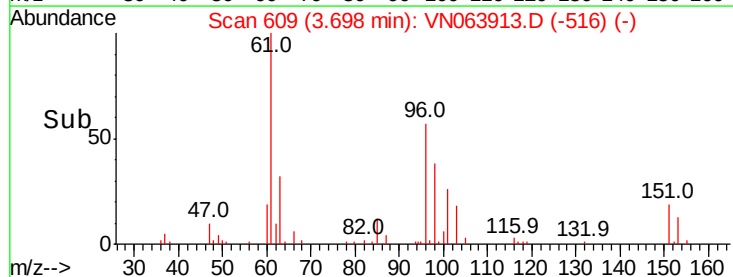
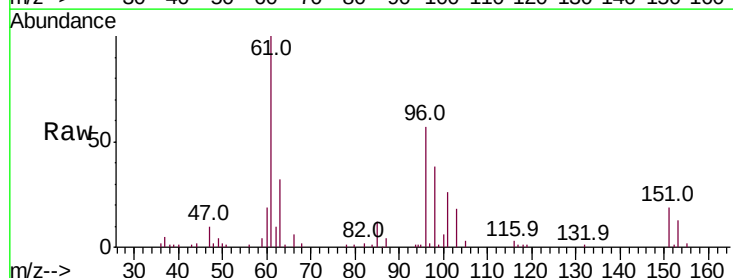
Tot Ion: 59 Resp: 56701
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.7 13.1

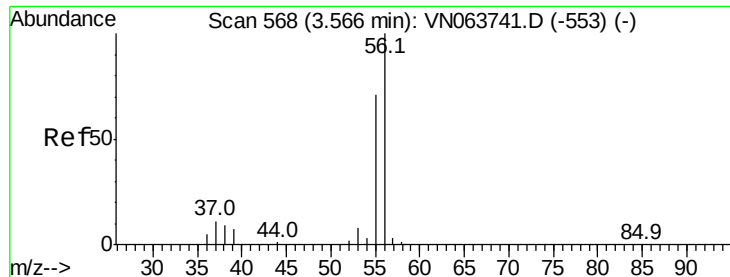


#12

1,1-Dichloroethene
 Concen: 18.486 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

Tgt Ion: 96 Resp: 48303
 Ion Ratio Lower Upper
 96 100
 61 174.3 147.7 221.5
 98 67.0 51.9 77.9





#13

Acrolein

Concen: 184.911 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

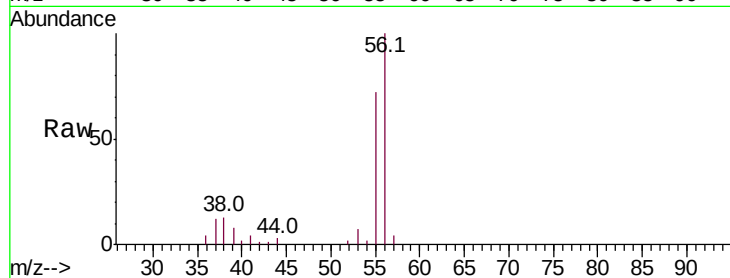
VN1006WBSD04

Tot Ion: 56 Resp: 53713

Ion Ratio Lower Upper

56 100

55 74.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN063913.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN063913.D (-553) (-)

3.57

25000

20000

15000

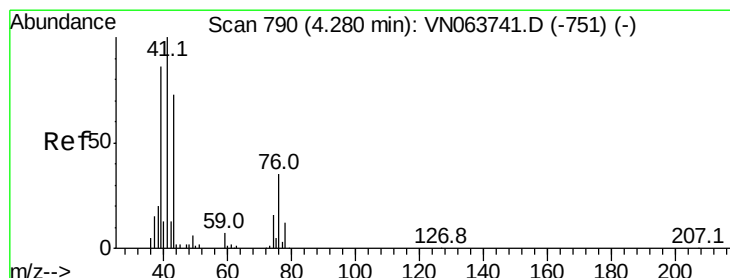
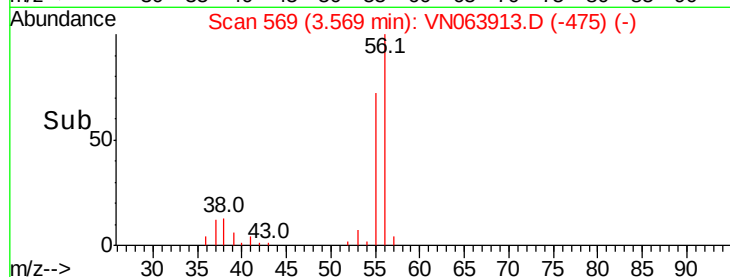
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 19.943 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

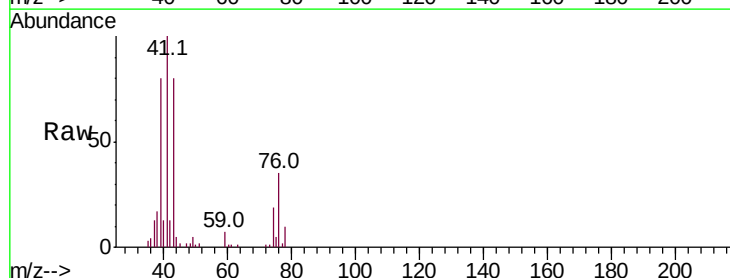
Tgt Ion: 41 Resp: 96812

Ion Ratio Lower Upper

41 100

39 74.6 64.5 96.7

76 29.3 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VN063913.D (-697) (-)

Ion 39.00 (38.70 to 39.70): VN063913.D (-697) (-)

Ion 75.90 (75.60 to 76.60): VN063913.D (-697) (-)

4.28

40000

30000

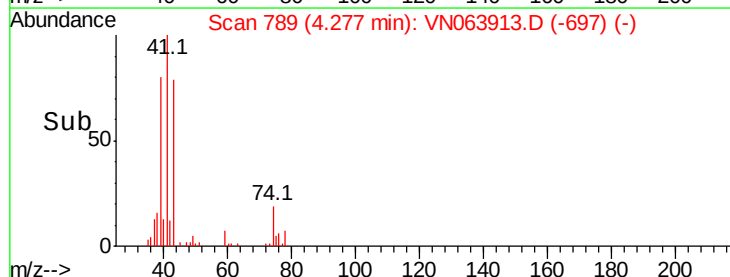
20000

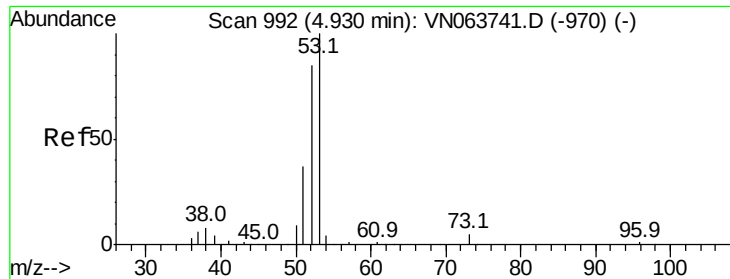
10000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 105.360 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBSD04

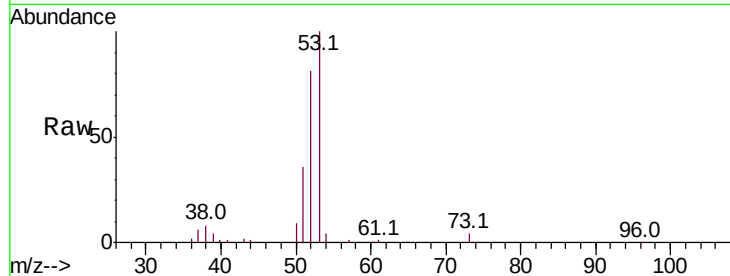
Tot Ion: 53 Resp: 142738

Ion Ratio Lower Upper

53 100

52 81.7 66.5 99.7

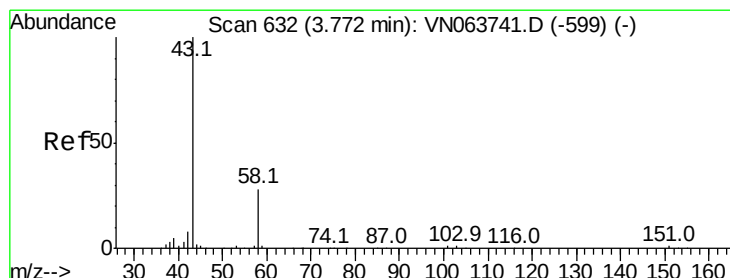
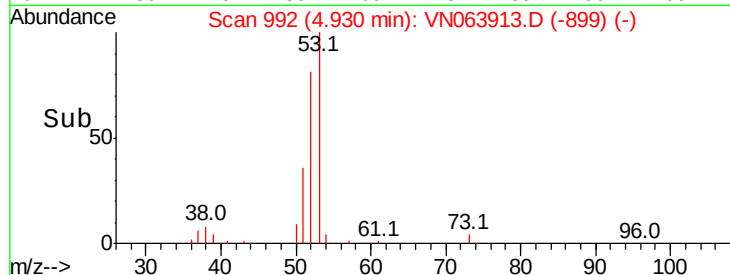
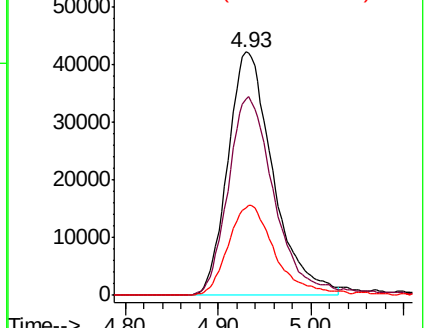
51 37.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063913.D (-539) (-)

Ion 52.00 (51.70 to 52.70): VN063913.D (-539) (-)

Ion 51.00 (50.70 to 51.70): VN063913.D (-539) (-)



#16

Acetone

Concen: 104.696 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063913.D

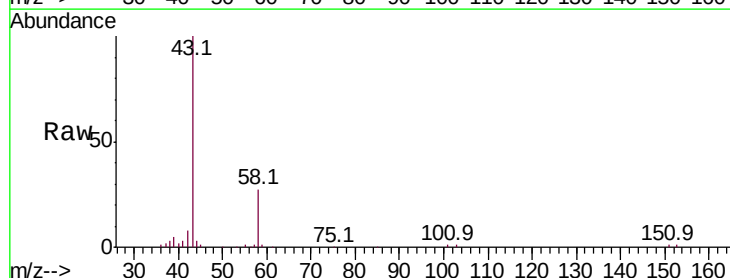
Acq: 7 Oct 2020 00:17

Tgt Ion: 43 Resp: 138163

Ion Ratio Lower Upper

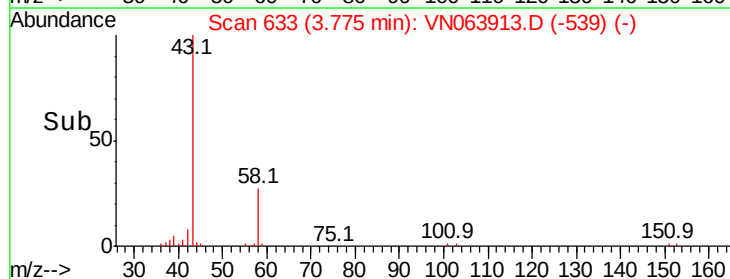
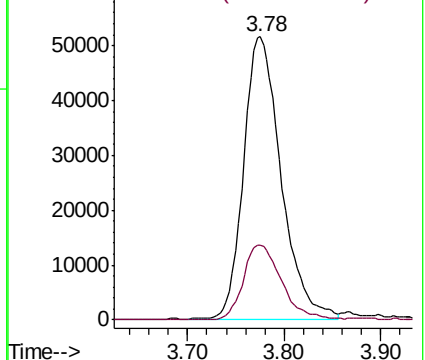
43 100

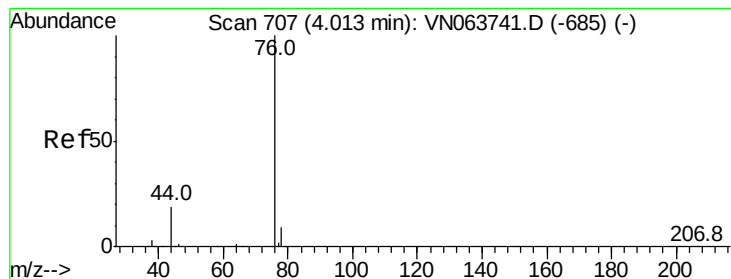
58 26.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063913.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063913.D (-539) (-)





#17

Carbon Disulfide

Concen: 18.671 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

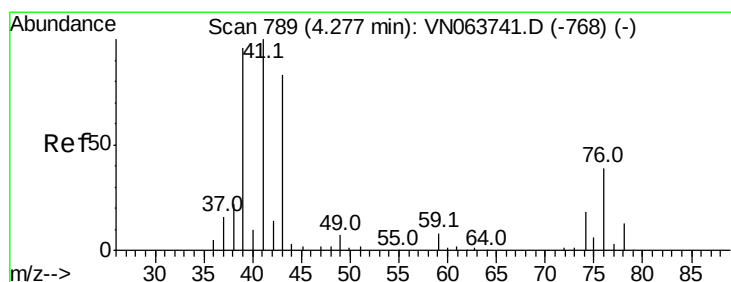
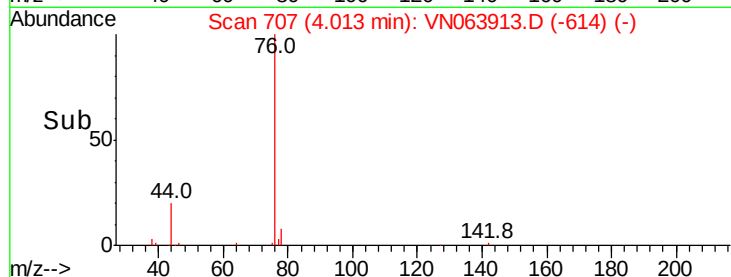
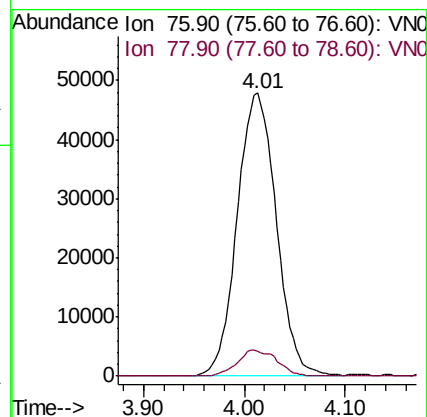
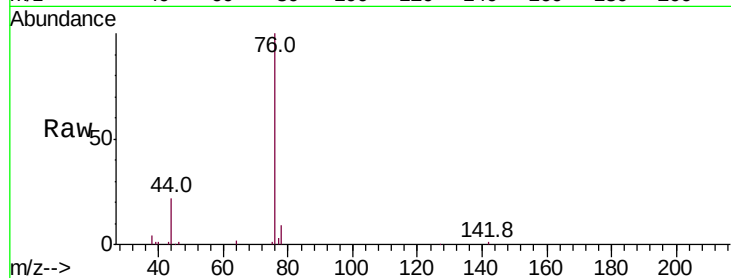
VN1006WBSD04

Tot Ion: 76 Resp: 128716

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4



#18

Methyl Acetate

Concen: 21.833 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063913.D

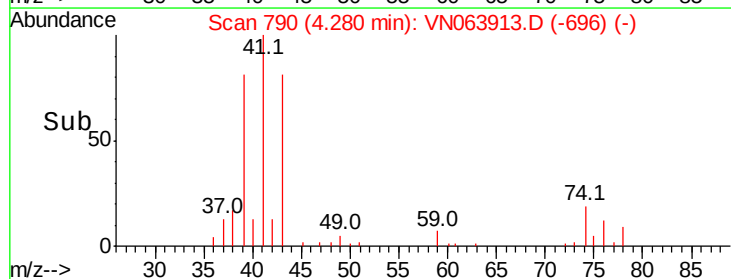
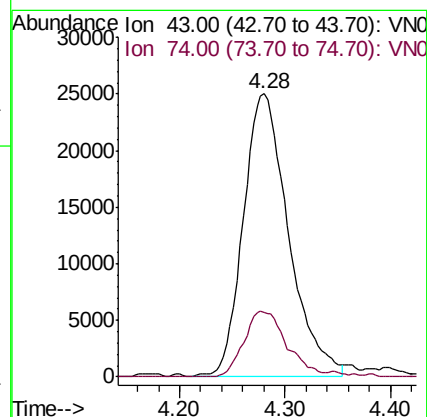
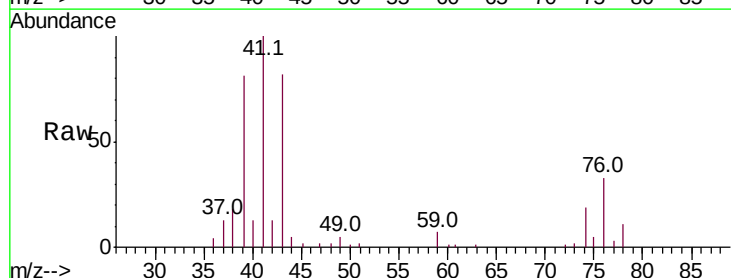
Acq: 7 Oct 2020 00:17

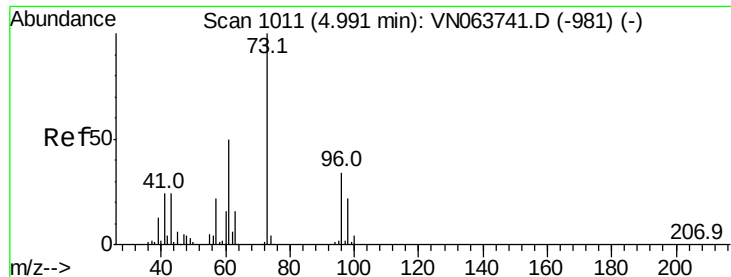
Tgt Ion: 43 Resp: 74807

Ion Ratio Lower Upper

43 100

74 21.9 17.4 26.2

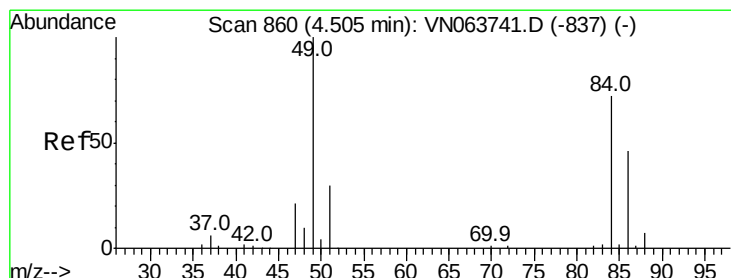
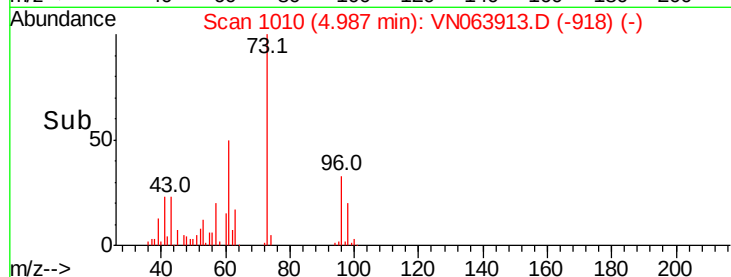
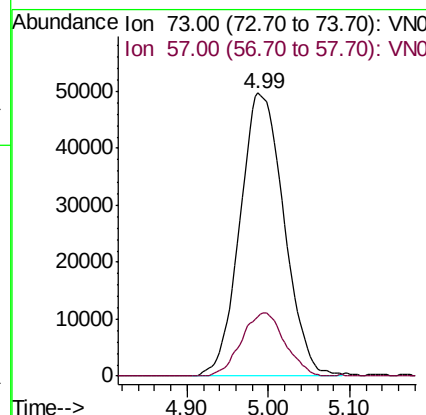
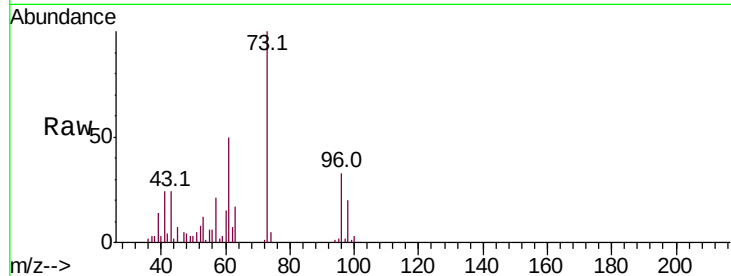




#19
Methyl tert-butyl Ether
Concen: 19.617 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

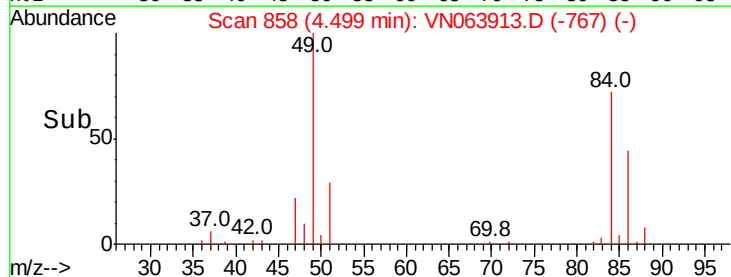
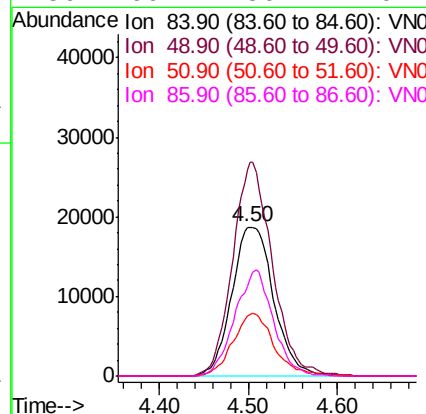
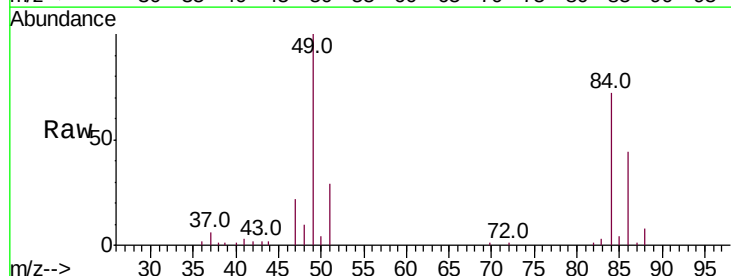
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBSD04

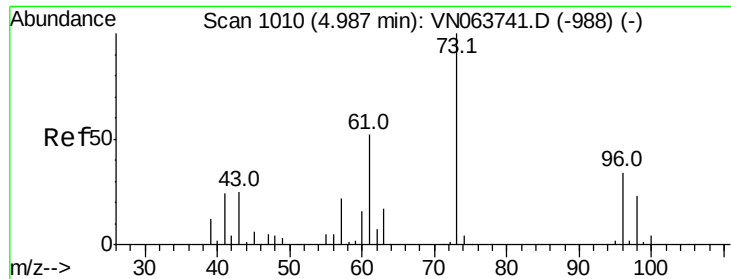
Tot Ion: 73 Resp: 186231
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4



#20
Methylene Chloride
Concen: 20.186 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Tgt Ion: 84 Resp: 60839
Ion Ratio Lower Upper
84 100
49 138.2 110.4 165.6
51 40.5 33.3 49.9
86 60.1 50.7 76.1

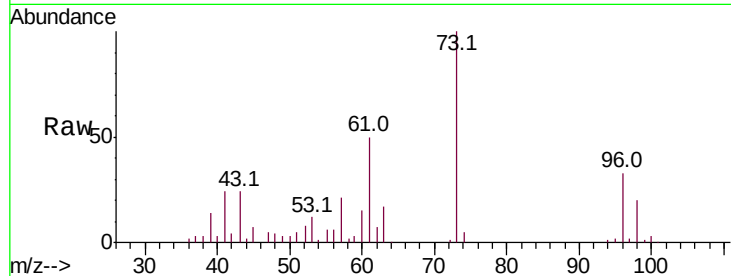




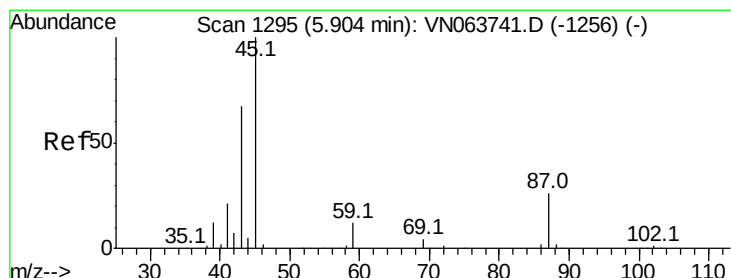
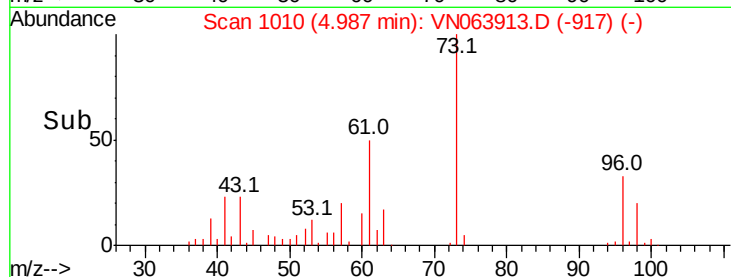
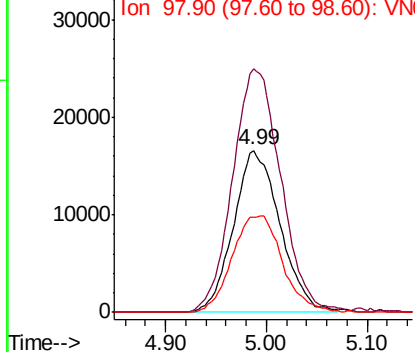
#21
trans-1,2-Dichloroethene
Concen: 18.187 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBSD04

Tot Ion: 96 Resp: 53230
Ion Ratio Lower Upper
96 100
61 150.1 120.2 180.2
98 58.7 52.6 79.0

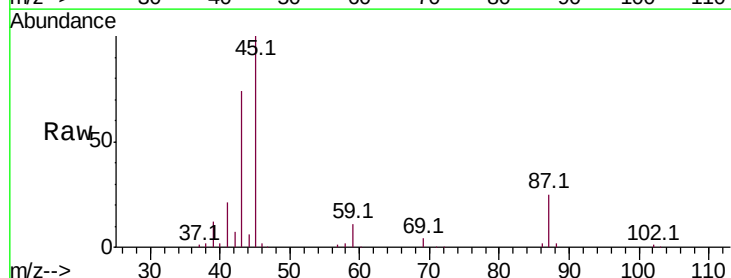


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

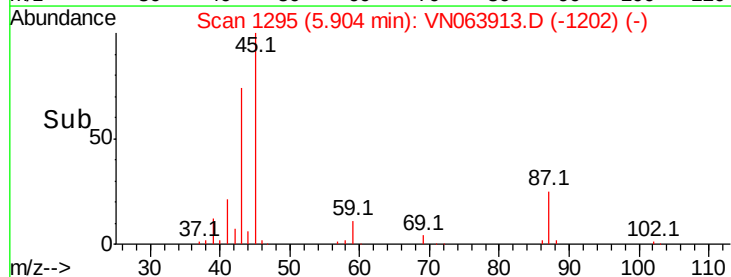
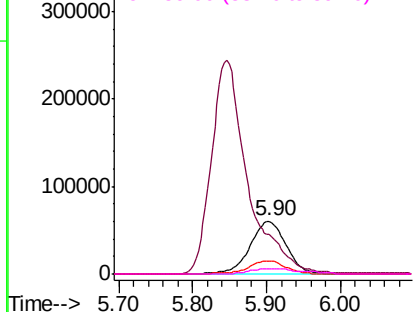


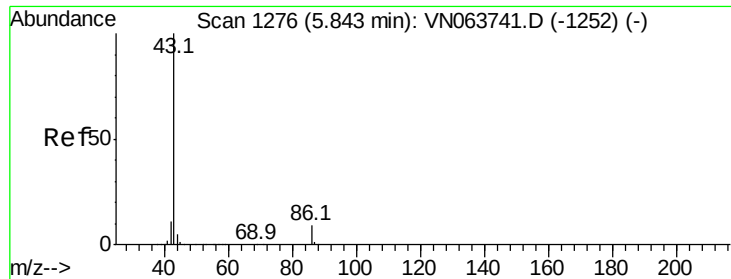
#22
Diisopropyl ether
Concen: 20.612 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Tgt Ion: 45 Resp: 205869
Ion Ratio Lower Upper
45 100
43 70.9 53.7 80.5
87 25.3 21.1 31.7
59 10.9 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

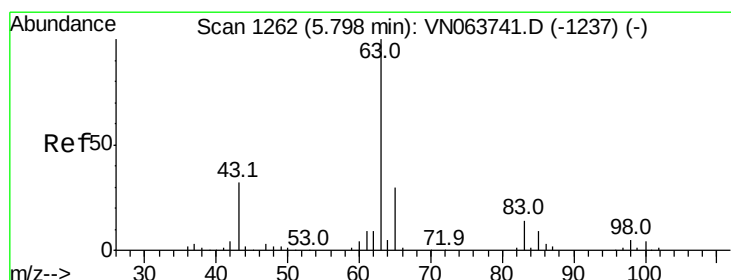
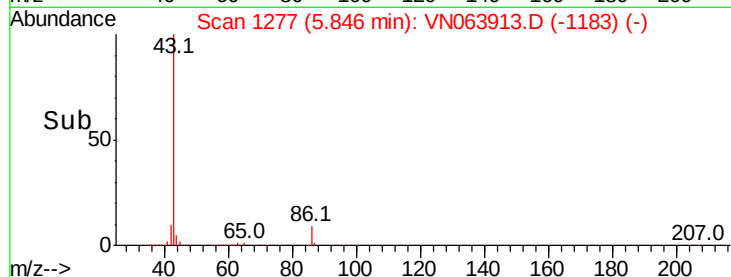
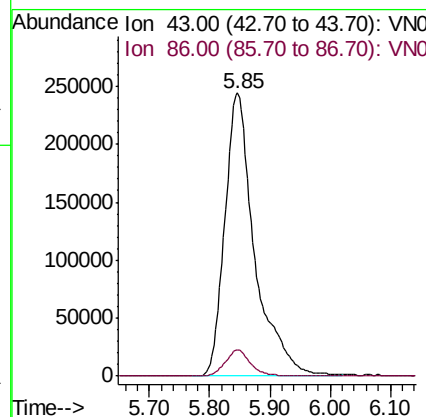
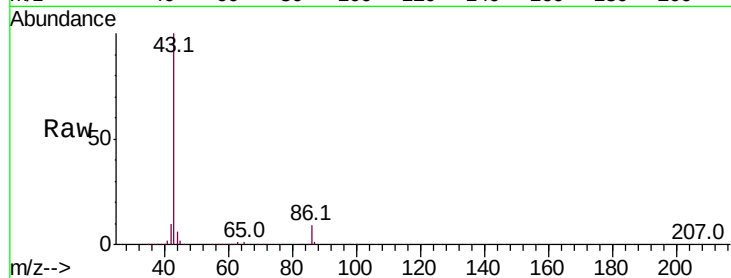




#23
 Vinyl Acetate
 Concen: 101.687 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

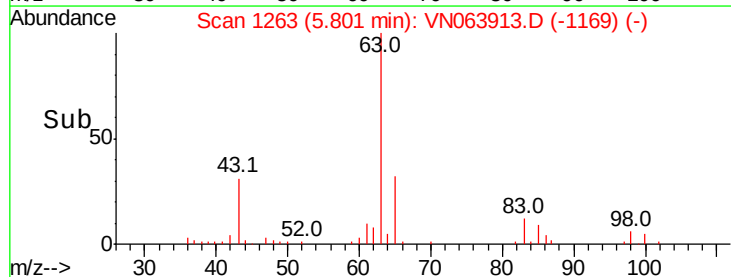
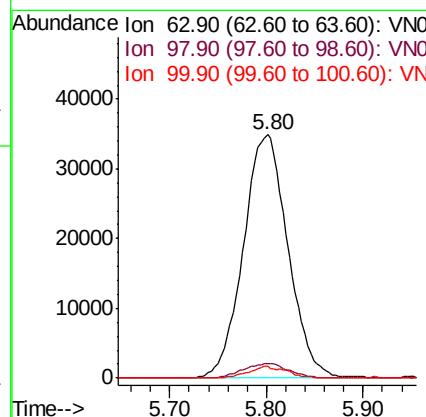
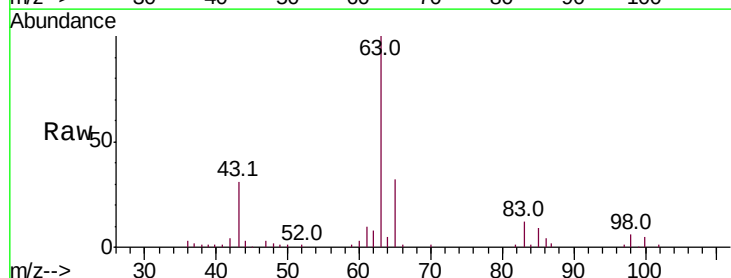
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBSD04

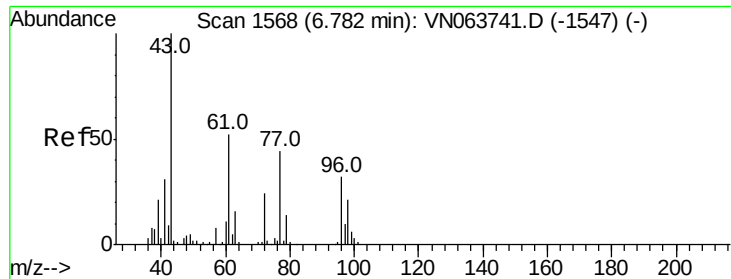
Tot Ion: 43 Resp: 841302
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 19.528 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

Tgt Ion: 63 Resp: 111521
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.7 8.1
 100 4.7 1.9 5.7





#25

2-Butanone

Concen: 111.859 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

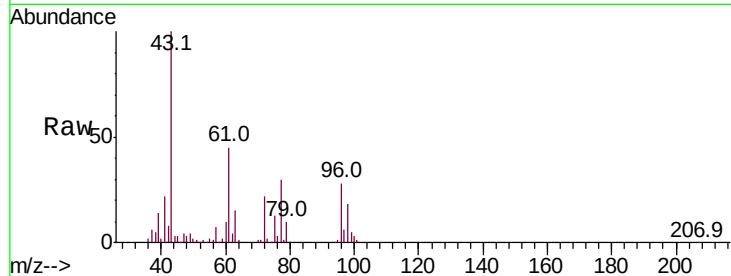
VN1006WBSD04

Tot Ion: 43 Resp: 209283

Ion Ratio Lower Upper

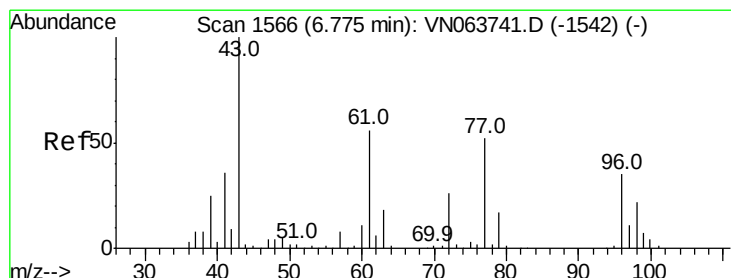
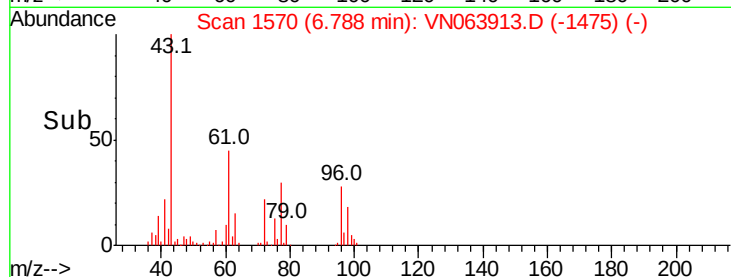
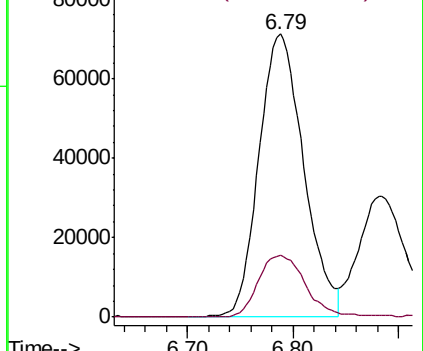
43 100

72 21.7 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 15.778 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063913.D

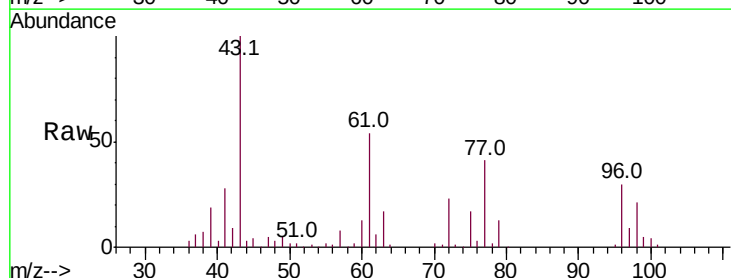
Acq: 7 Oct 2020 00:17

Tgt Ion: 77 Resp: 82517

Ion Ratio Lower Upper

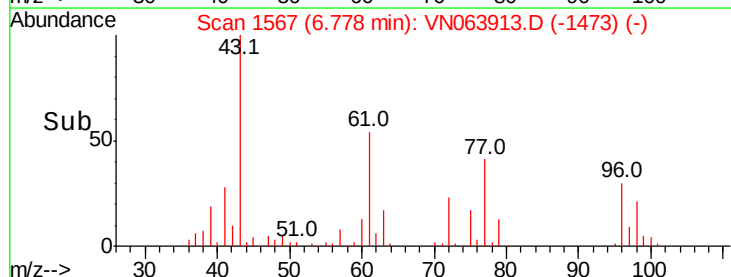
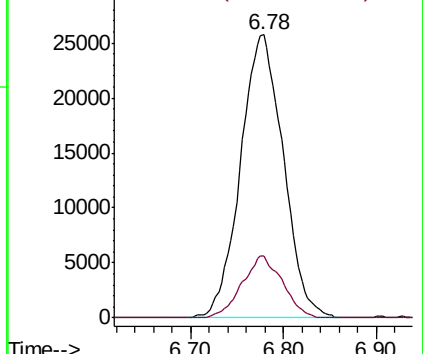
77 100

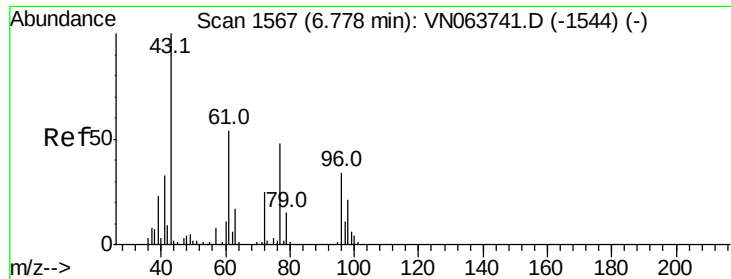
97 20.6 10.8 32.3



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: 18.337 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

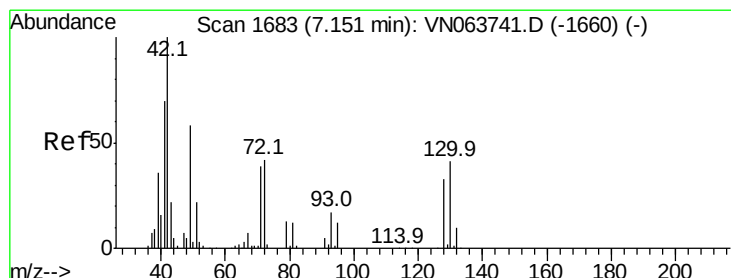
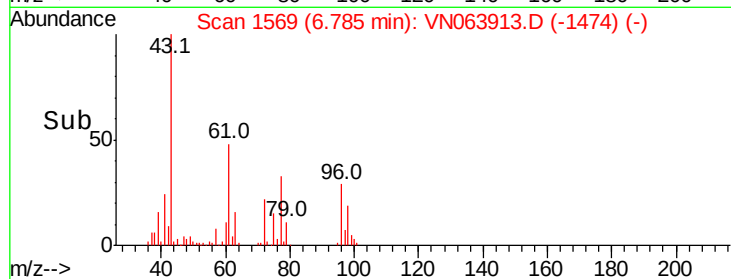
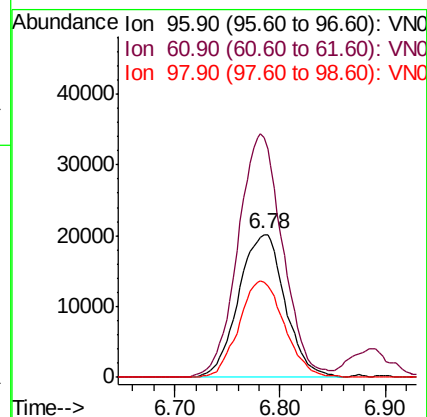
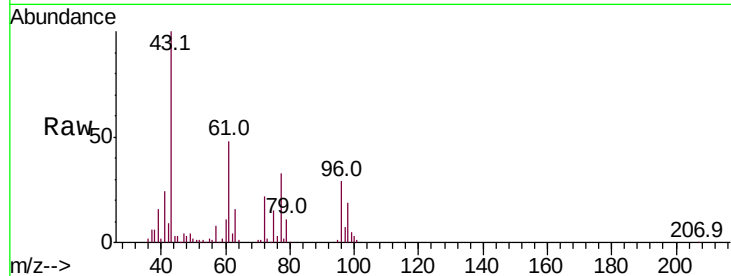
Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBSD04

Tot Ion: 96 Resp: 61726

Ion	Ratio	Lower	Upper
96	100		
61	164.0	0.0	321.2
98	66.0	0.0	124.4



#28

Bromochloromethane

Concen: 20.189 ug/l

RT: 7.15 min Scan# 1682

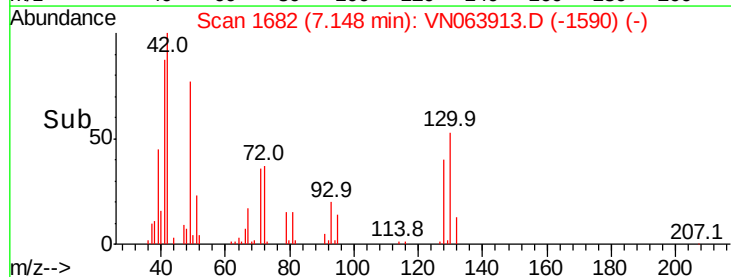
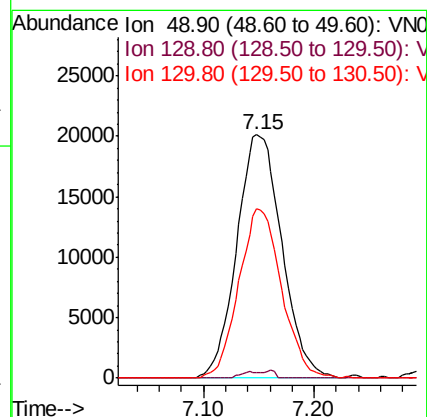
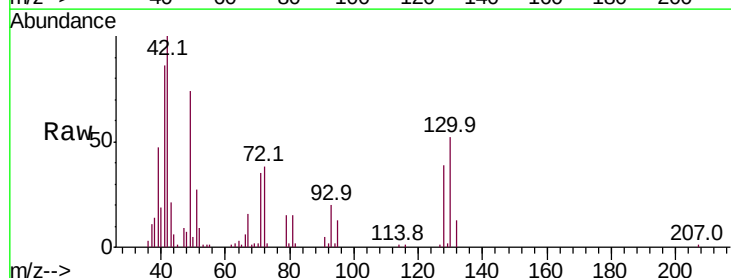
Delta R.T. -0.00 min

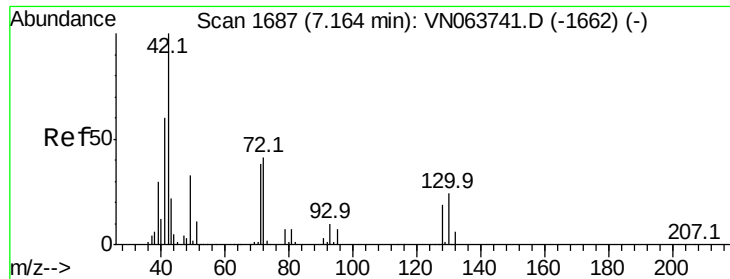
Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Tgt Ion: 49 Resp: 56984

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.8
130	65.9	55.6	83.4





#29

Tetrahydrofuran

Concen: 109.956 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBSD04

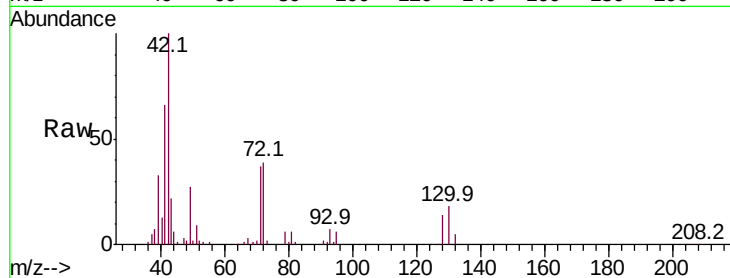
Tot Ion: 42 Resp: 137977

Ion Ratio Lower Upper

42 100

72 38.9 32.8 49.2

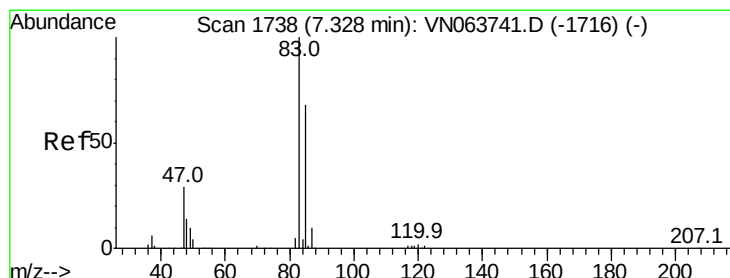
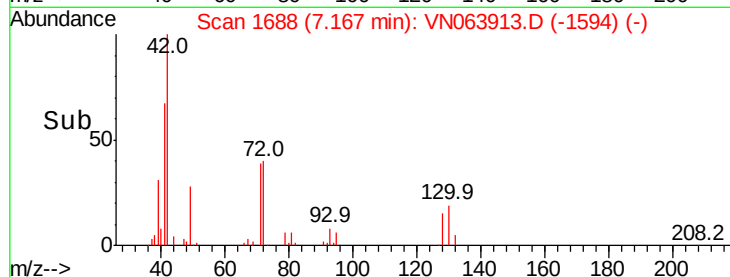
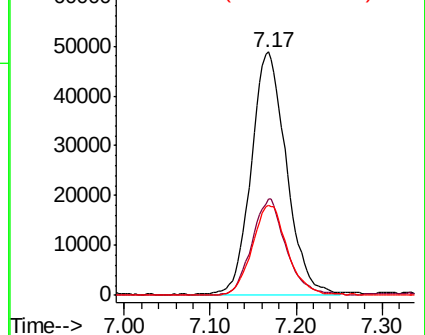
71 37.1 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.932 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063913.D

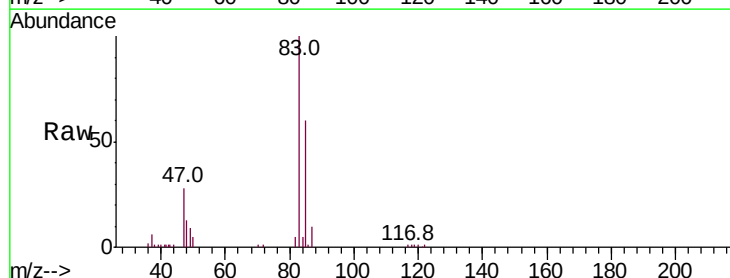
Acq: 7 Oct 2020 00:17

Tgt Ion: 83 Resp: 118684

Ion Ratio Lower Upper

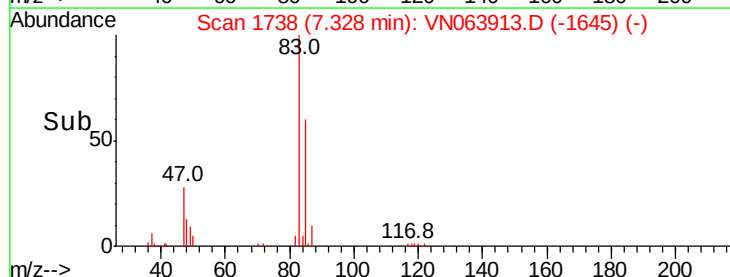
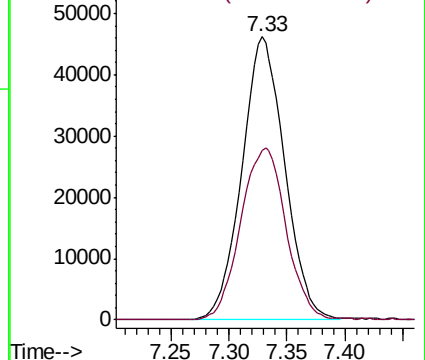
83 100

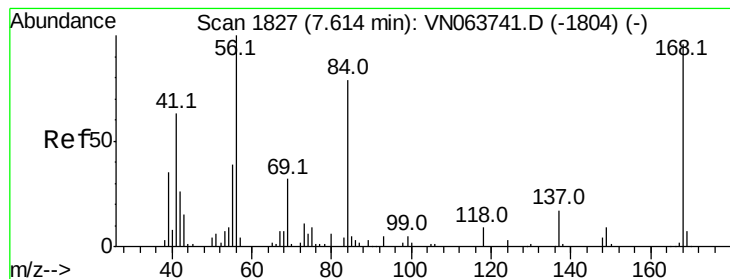
85 59.8 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.628 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBSD04

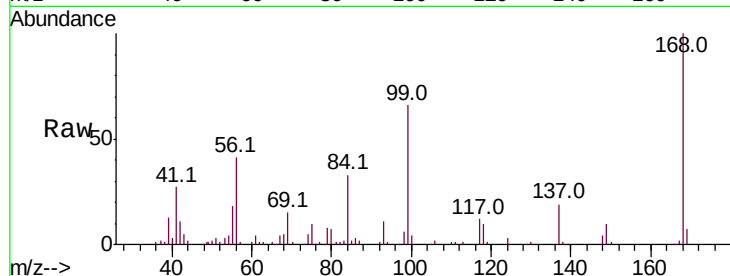
Tot Ion: 56 Resp: 87732

Ion Ratio Lower Upper

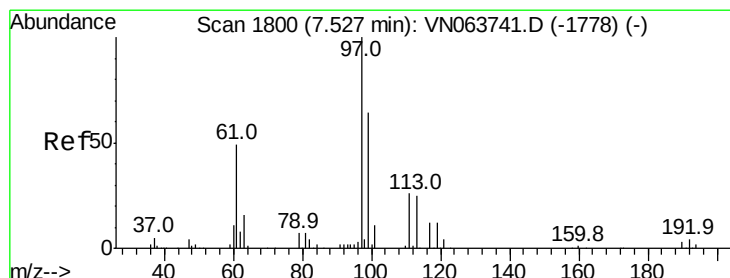
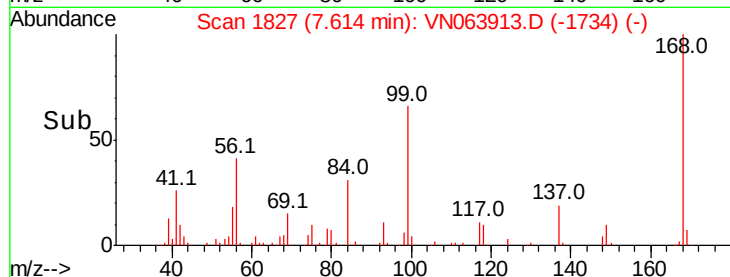
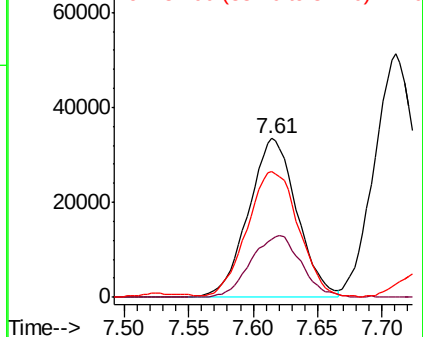
56 100

69 36.5 25.4 38.2

84 77.4 63.3 94.9



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



#32

1,1,1-Trichloroethane

Concen: 19.577 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

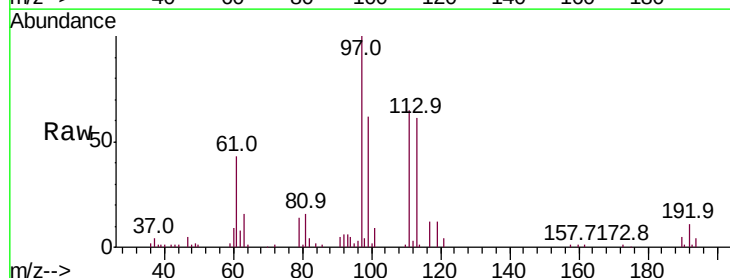
Tgt Ion: 97 Resp: 105146

Ion Ratio Lower Upper

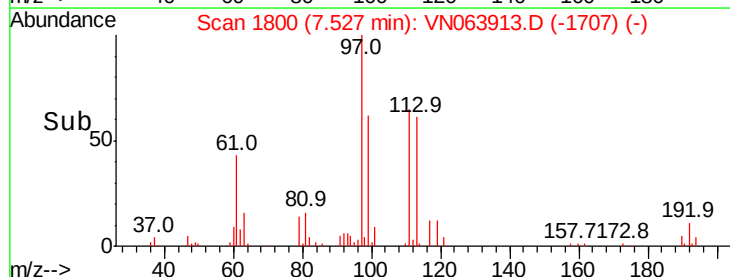
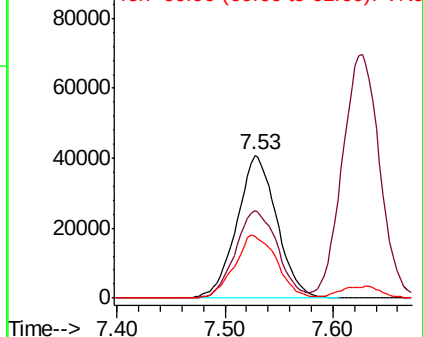
97 100

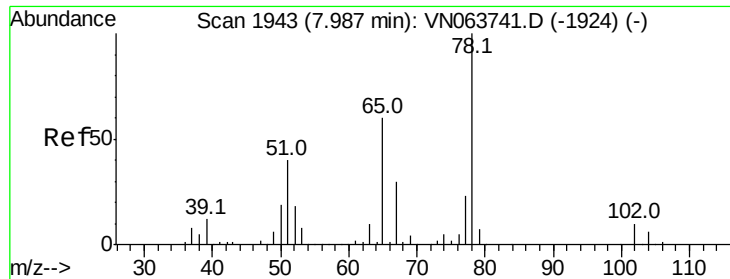
99 64.4 51.0 76.6

61 46.6 38.7 58.1



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

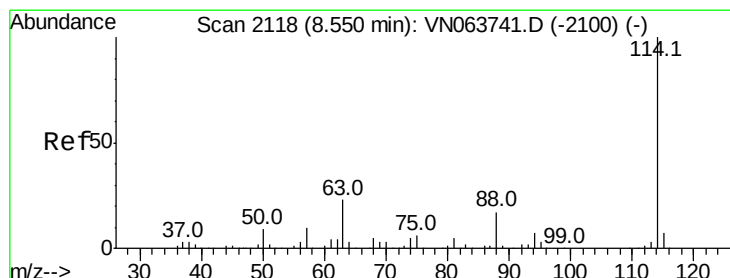
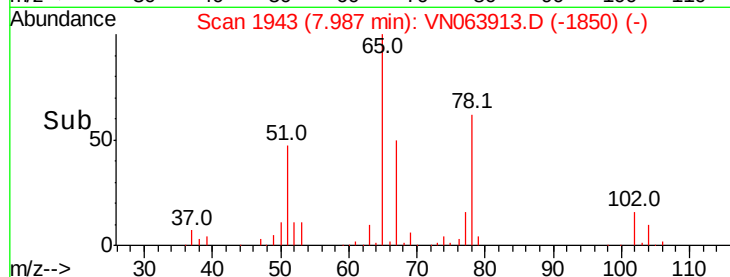
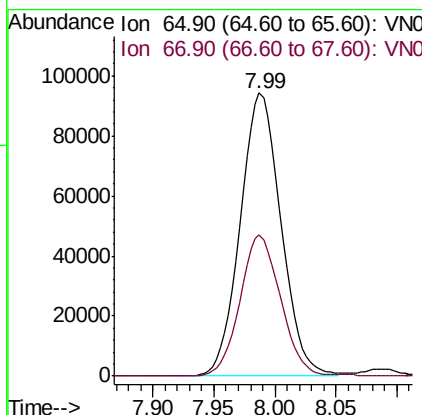
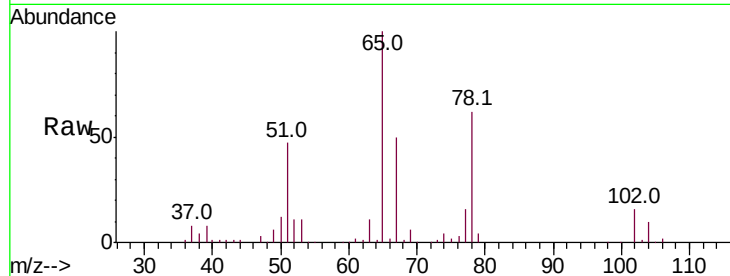




#33
 1,2-Dichloroethane-d4
 Concen: 50.842 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

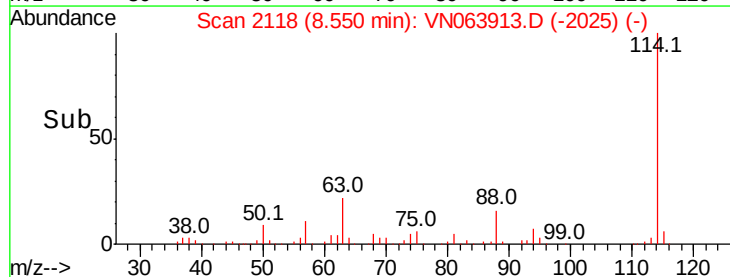
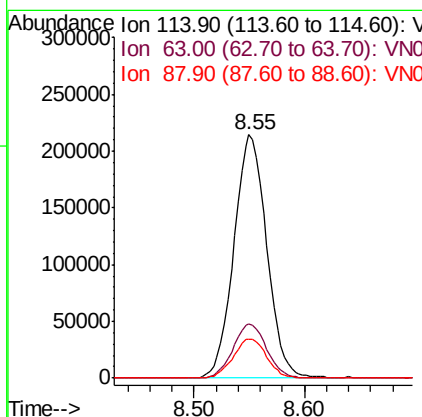
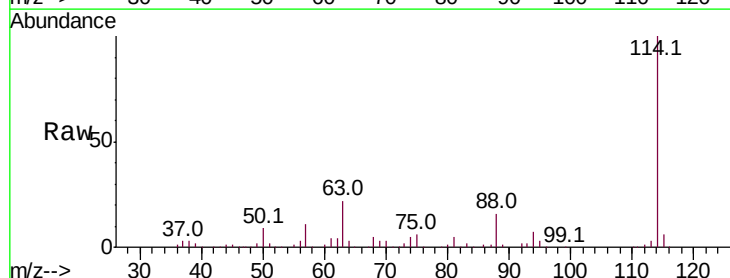
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBSD04

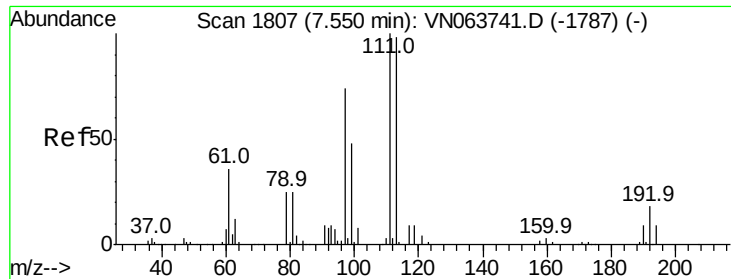
Tot Ion: 65 Resp: 217955
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

Tgt Ion: 114 Resp: 441890
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.0
 88 16.2 0.0 34.0

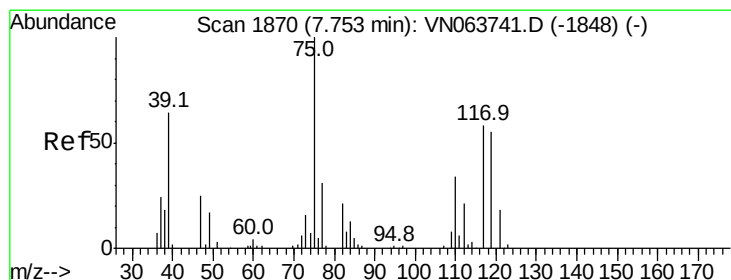
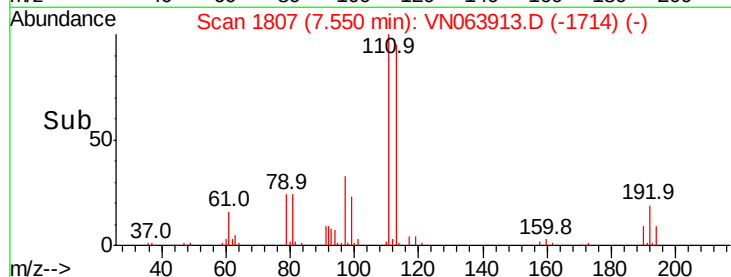
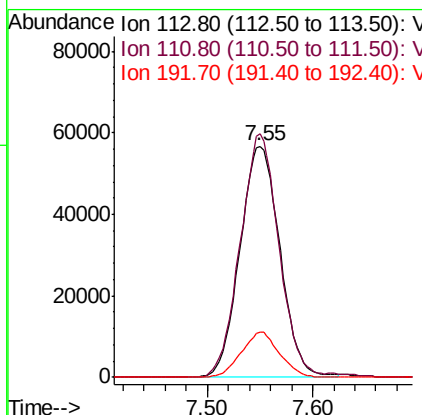
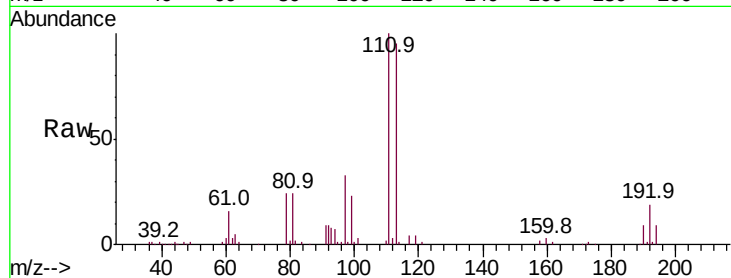




#35
 Dibromofluoromethane
 Concen: 48.808 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

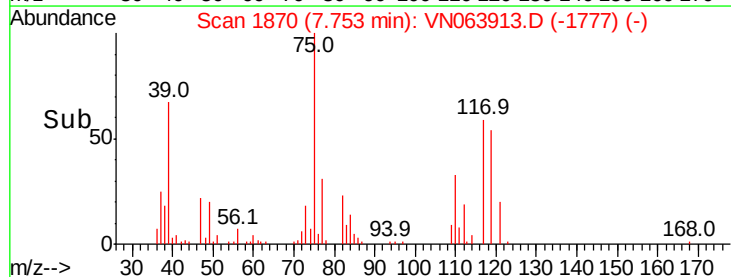
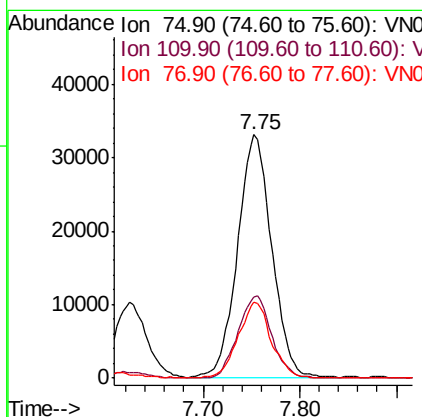
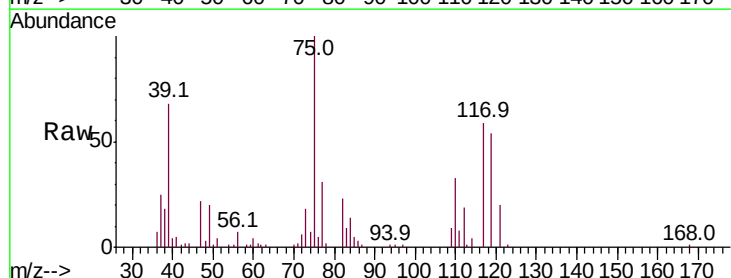
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBSD04

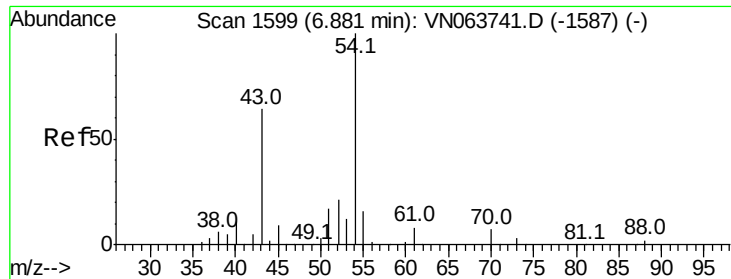
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.8
192	18.6	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 18.268 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.9	50.6
77	29.9	24.5	36.7

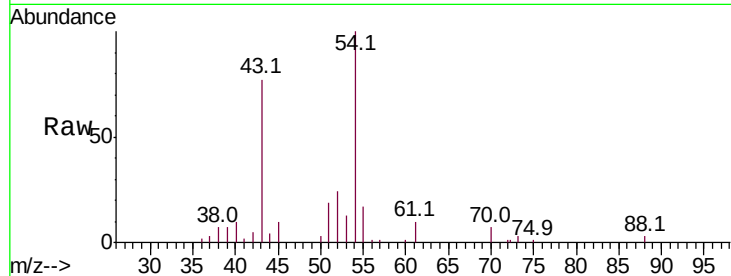




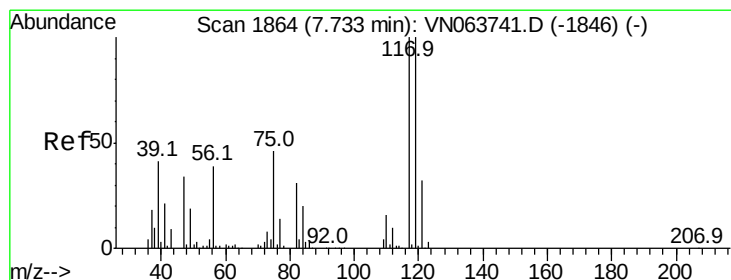
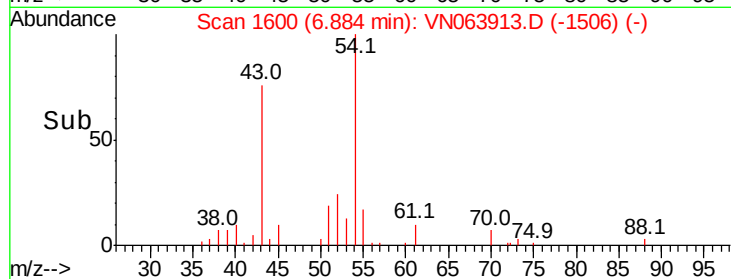
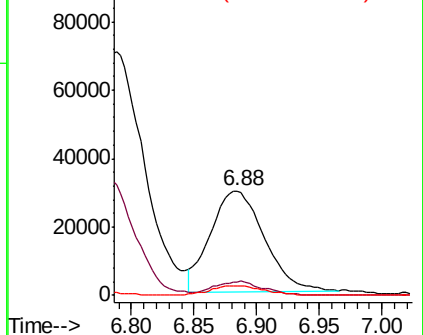
#37
Ethyl Acetate
Concen: 19.738 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBSD04

Tot Ion: 43 Resp: 87789
Ion Ratio Lower Upper
43 100
61 11.7 10.4 15.6
70 9.5 7.3 10.9

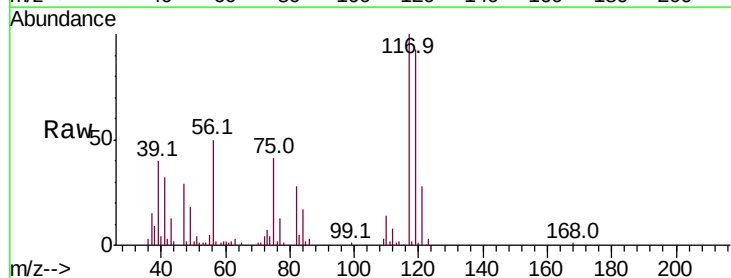


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

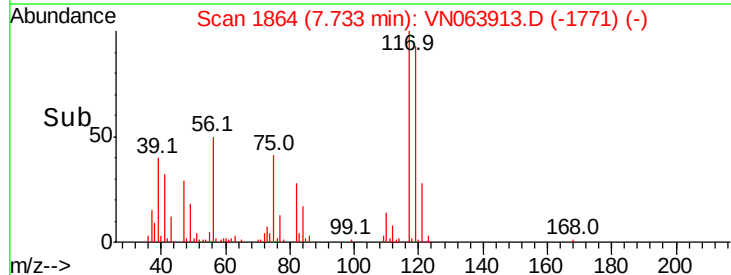
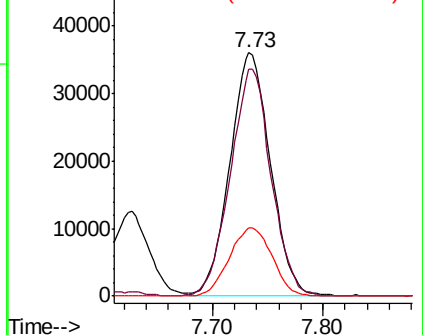


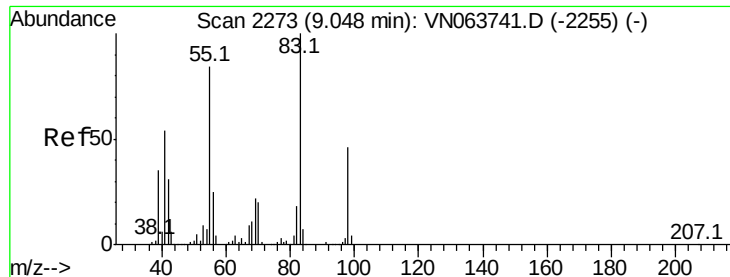
#38
Carbon Tetrachloride
Concen: 18.330 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Tgt Ion: 117 Resp: 92018
Ion Ratio Lower Upper
117 100
119 93.2 80.1 120.1
121 27.9 25.7 38.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

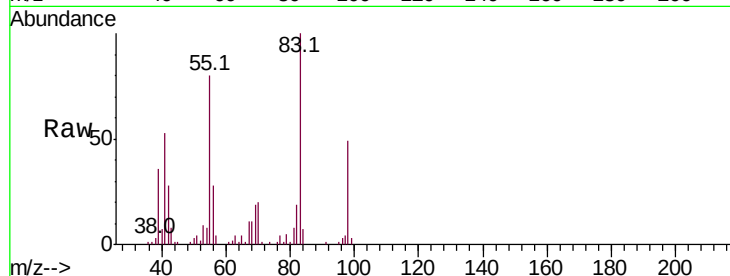




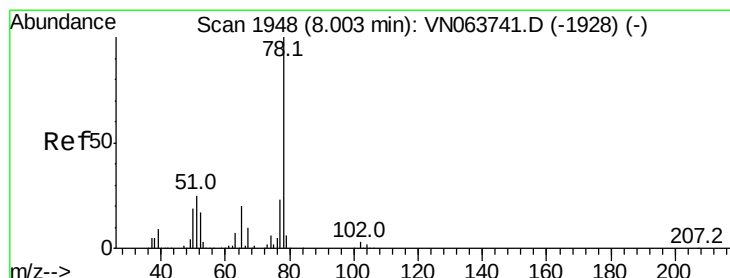
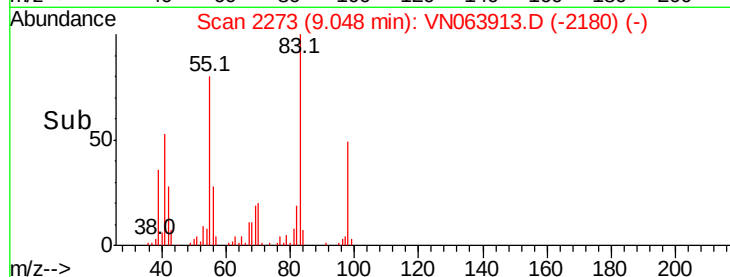
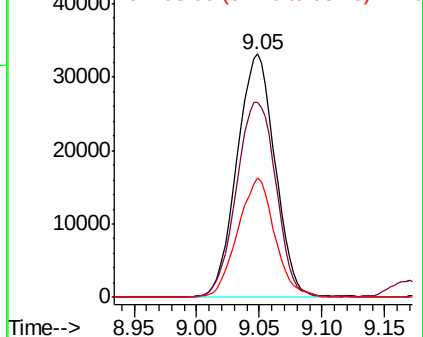
#39
Methylvlcyclohexane
Concen: 15.708 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBSD04

Tot Ion: 83 Resp: 70127
Ion Ratio Lower Upper
83 100
55 79.9 67.1 100.7
98 48.9 36.6 54.8

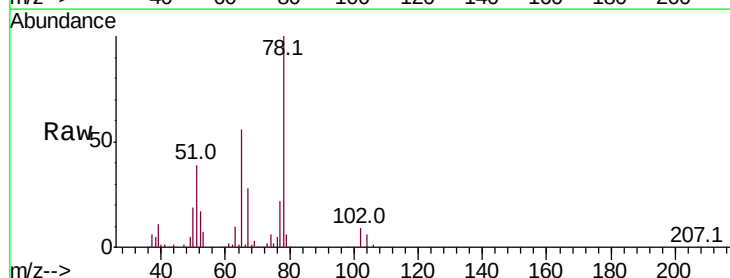


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

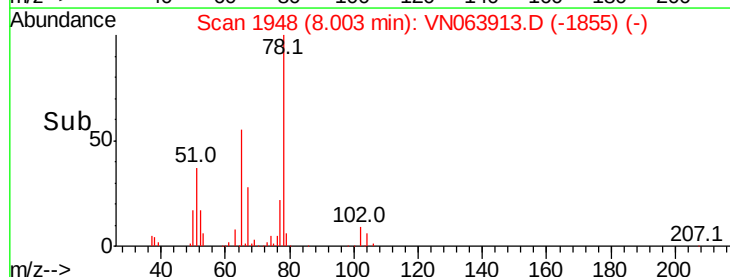
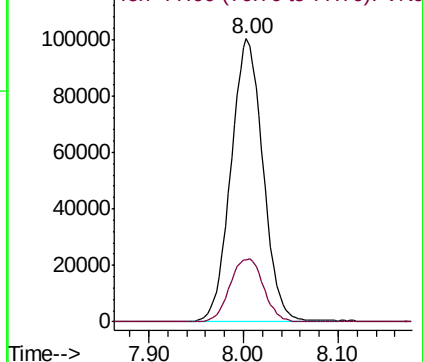


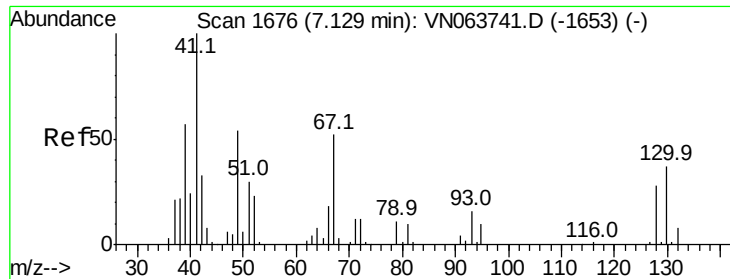
#40
Benzene
Concen: 18.480 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Tgt Ion: 78 Resp: 236295
Ion Ratio Lower Upper
78 100
77 22.1 18.7 28.1



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

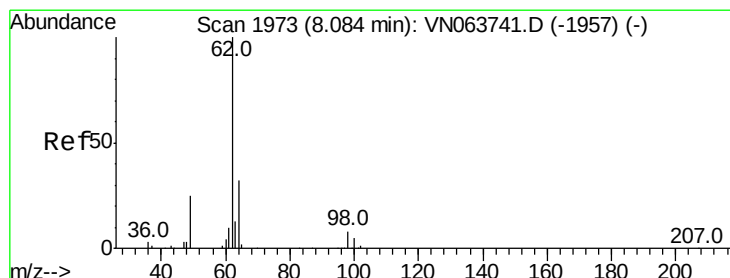
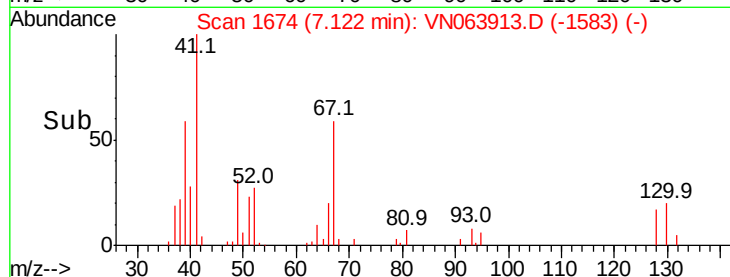
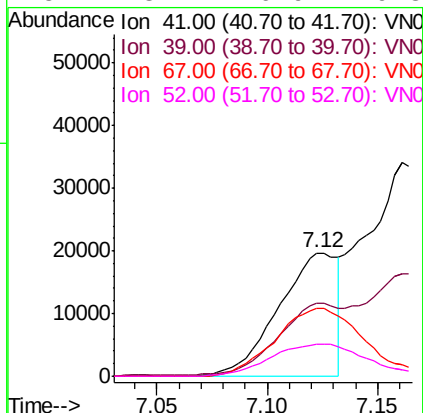
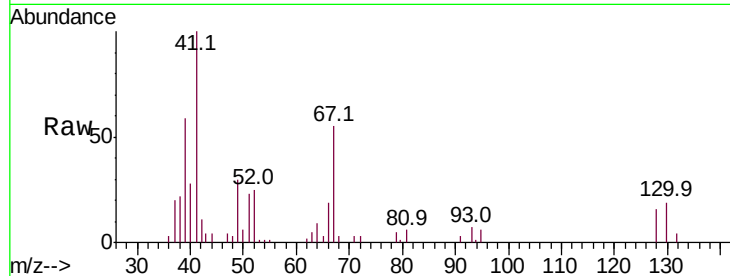




#41
Methacrylonitrile
Concen: 18.527 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

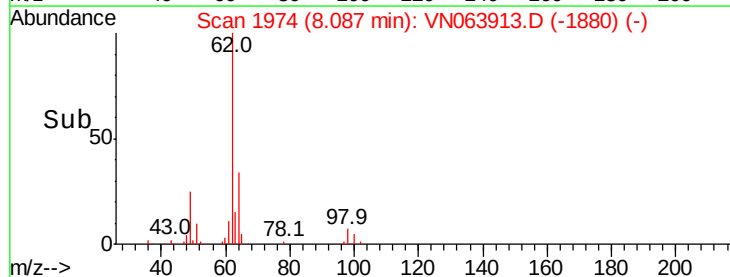
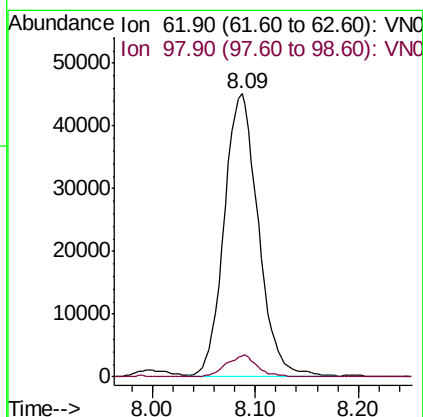
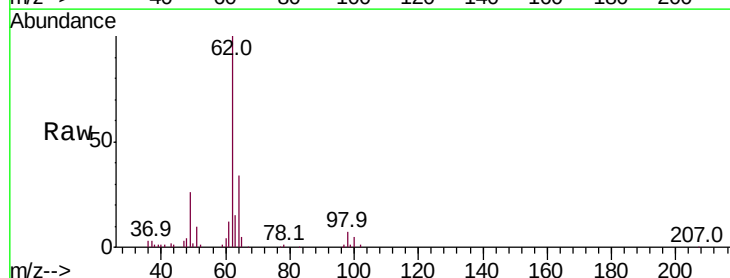
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBSD04

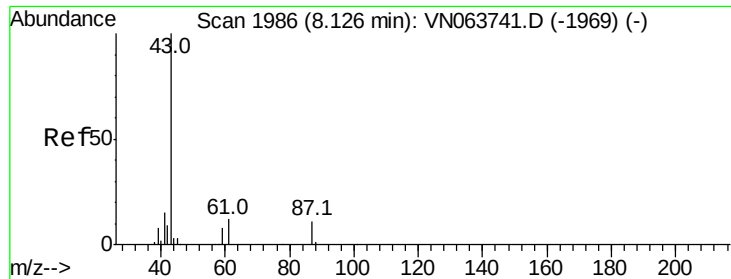
Tot Ion: 41 Resp: 36624
Ion Ratio Lower Upper
41 100
39 57.3 42.5 63.7
67 83.2 57.4 86.2
52 43.4 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 19.154 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Tgt Ion: 62 Resp: 104545
Ion Ratio Lower Upper
62 100
98 7.0 0.0 15.0





#43

Isopropyl Acetate

Concen: 20.027 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBSD04

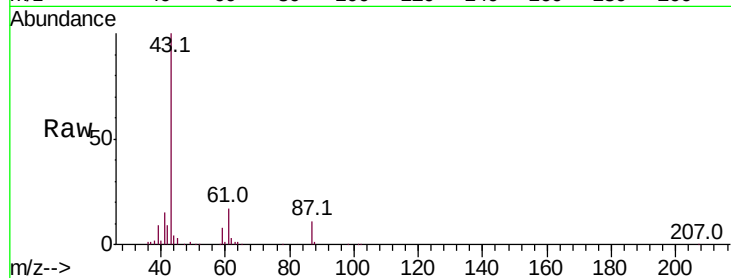
Tot Ion: 43 Resp: 146926

Ion Ratio Lower Upper

43 100

61 17.6 14.2 21.4

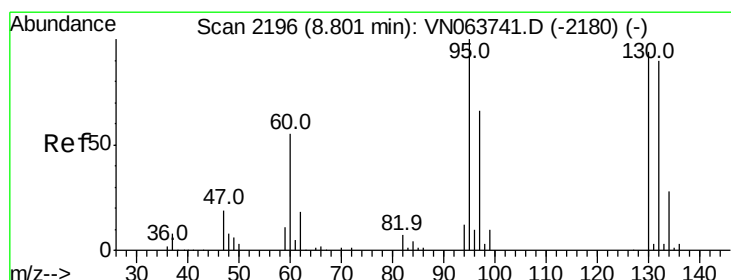
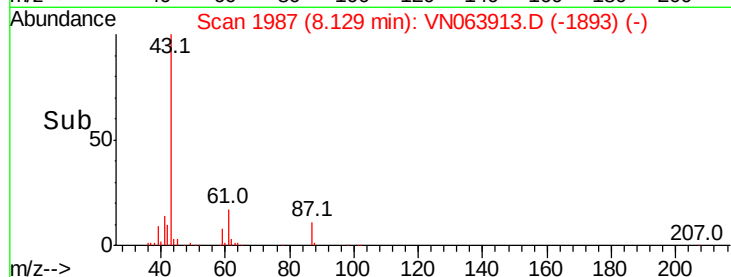
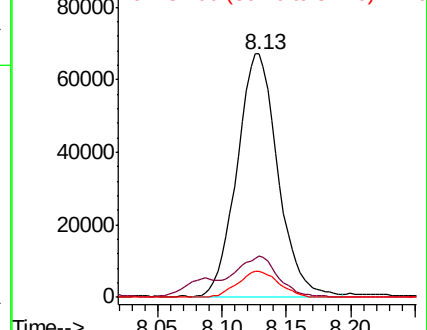
87 11.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#44

Trichloroethene

Concen: 18.025 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063913.D

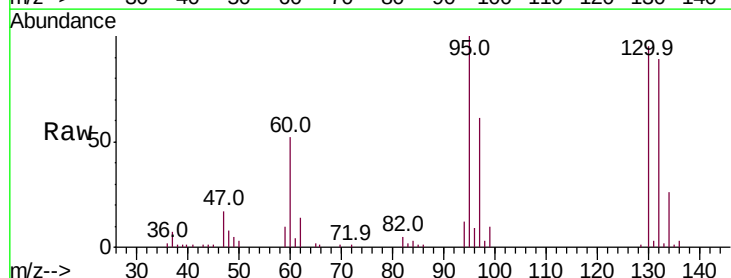
Acq: 7 Oct 2020 00:17

Tgt Ion:130 Resp: 60390

Ion Ratio Lower Upper

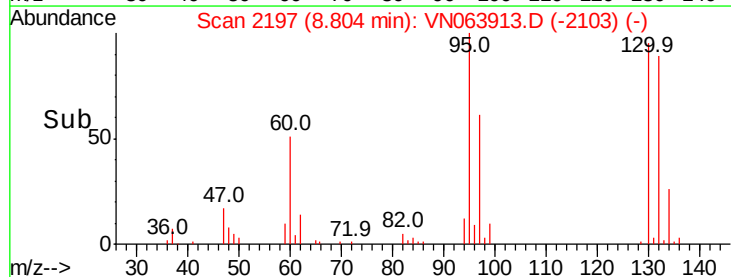
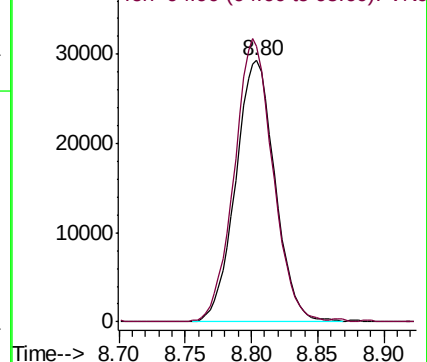
130 100

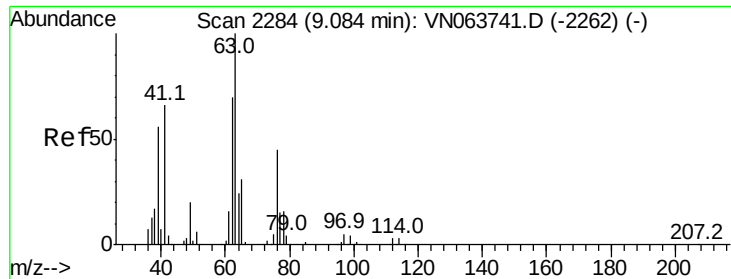
95 104.8 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)

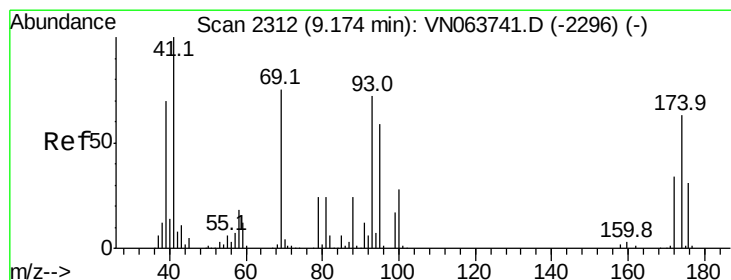
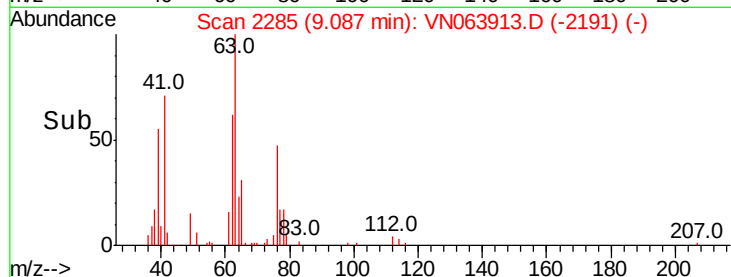
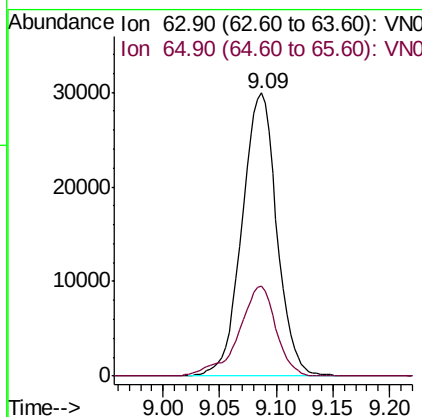
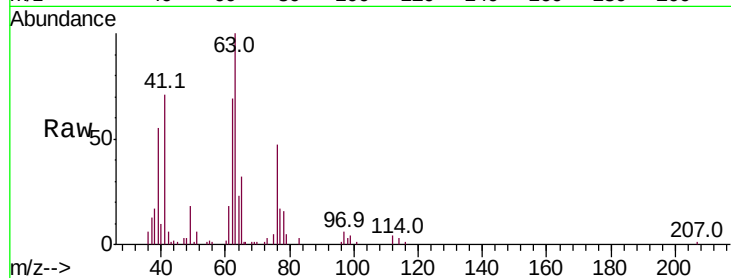




#45
 1,2-Dichloropropane
 Concen: 18.541 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

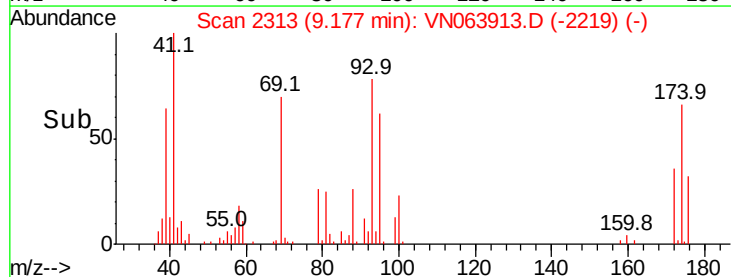
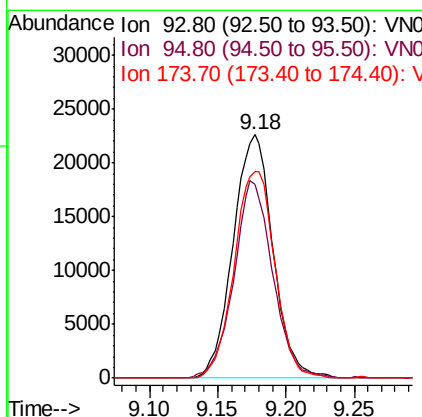
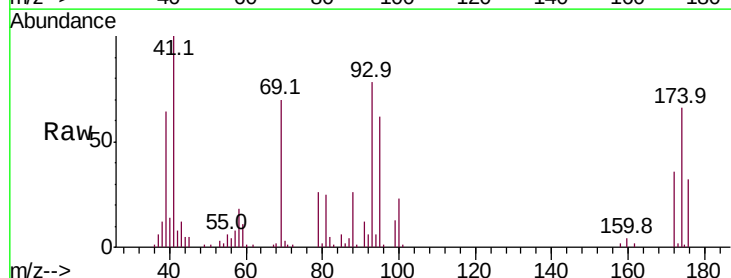
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBSD04

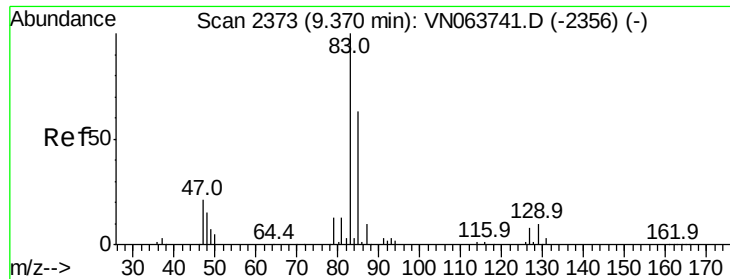
Tot Ion: 63 Resp: 64028
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.7 37.1



#46
 Dibromomethane
 Concen: 19.256 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

Tgt Ion: 93 Resp: 45874
 Ion Ratio Lower Upper
 93 100
 95 78.8 66.3 99.5
 174 86.6 72.7 109.1





#47

Bromodichloromethane

Concen: 19.050 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBSD04

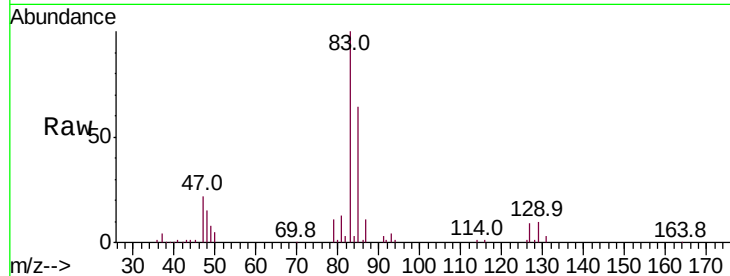
Tot Ion: 83 Resp: 93532

Ion Ratio Lower Upper

83 100

85 64.2 50.6 75.8

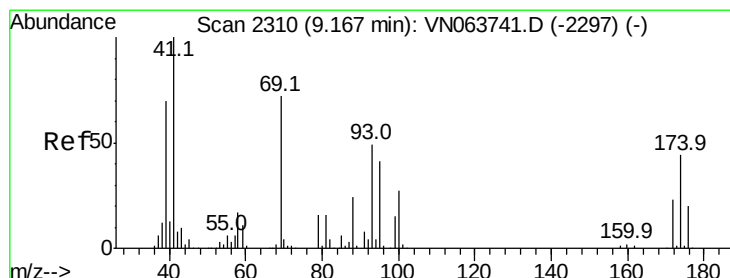
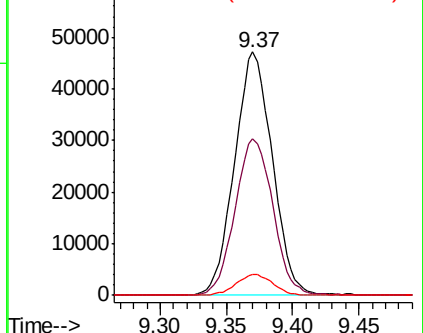
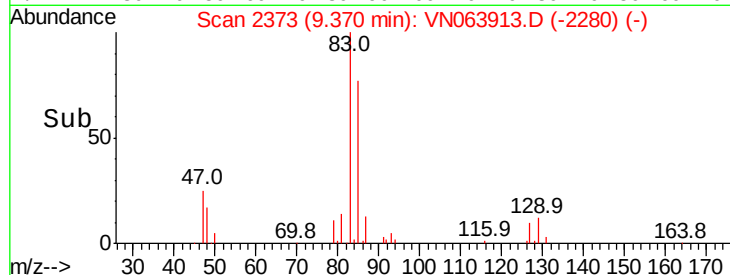
127 8.6 6.6 9.8



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: 19.996 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

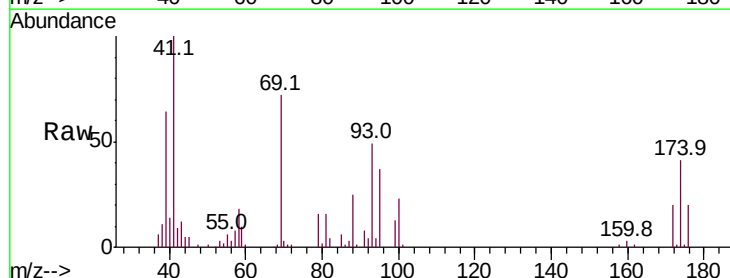
Tgt Ion: 41 Resp: 72478

Ion Ratio Lower Upper

41 100

69 73.2 60.9 91.3

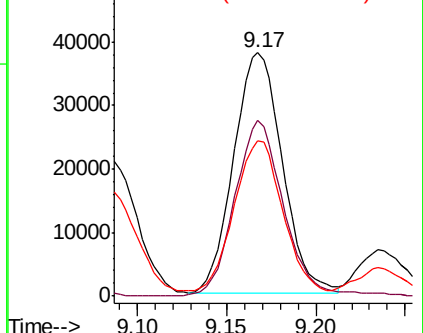
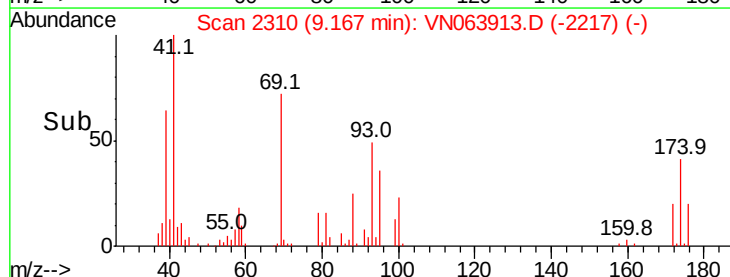
39 65.3 57.5 86.3

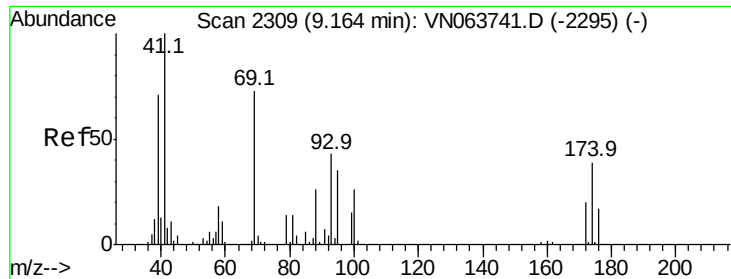


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

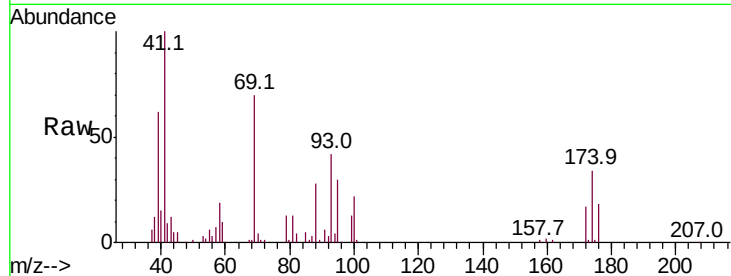




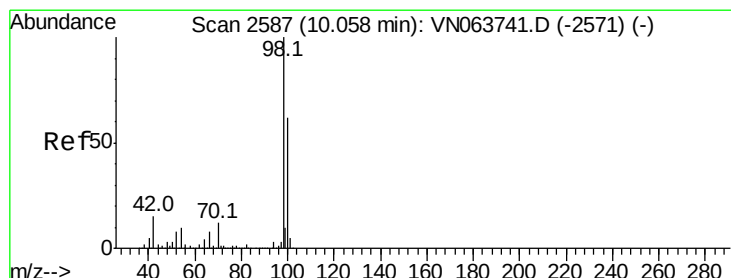
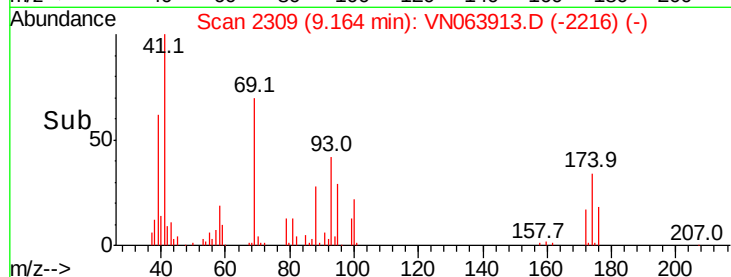
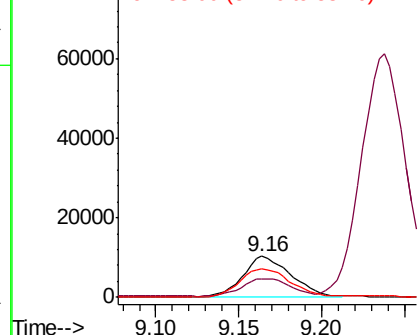
#49
1,4-Dioxane
Concen: 404.513 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBSD04

Tot Ion: 88 Resp: 20838
Ion Ratio Lower Upper
88 100
43 44.3 33.1 49.7
58 73.8 58.9 88.3

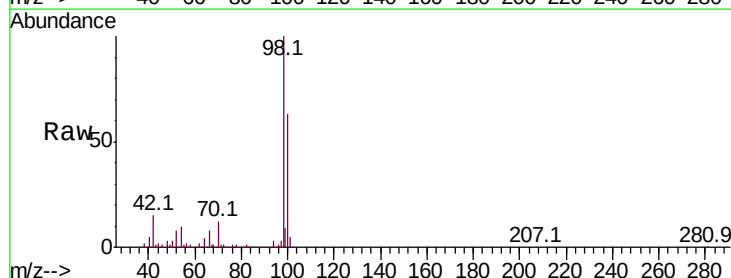


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

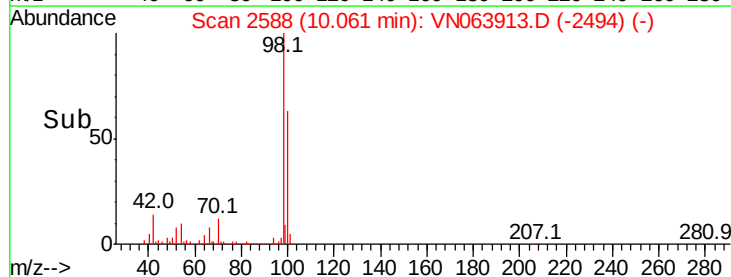
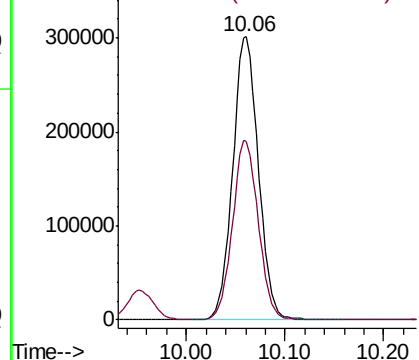


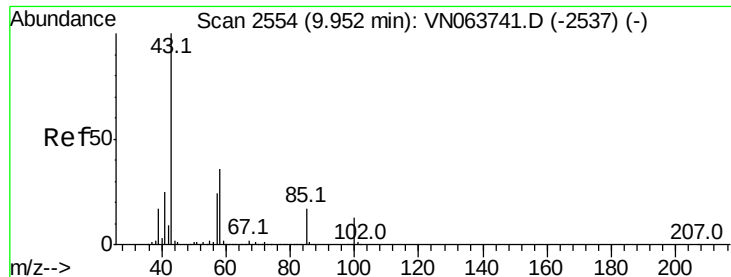
#50
Toluene-d8
Concen: 47.203 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Tgt Ion: 98 Resp: 548669
Ion Ratio Lower Upper
98 100
100 63.2 49.8 74.6



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: 106.254 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

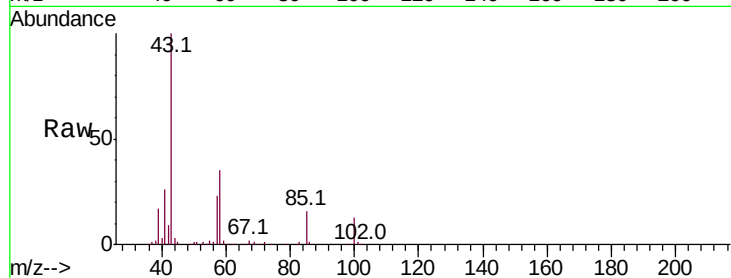
VN1006WBSD04

Tot Ion: 43 Resp: 457454

Ion Ratio Lower Upper

43 100

58 34.7 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

250000

200000

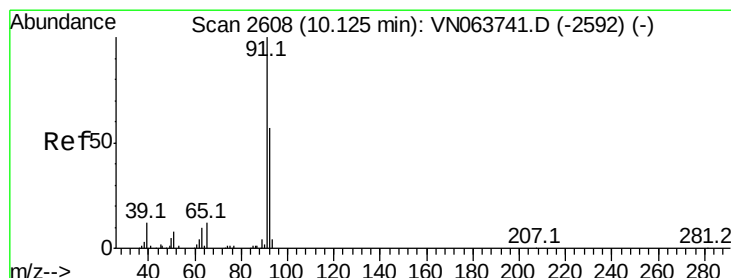
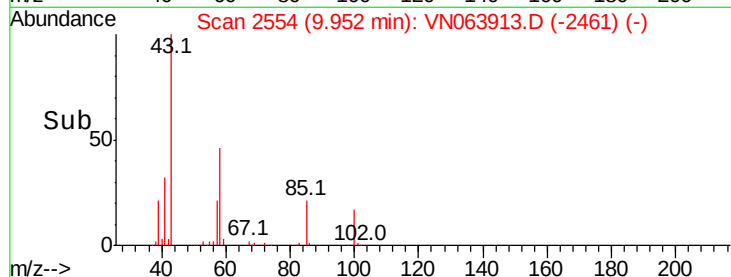
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.733 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063913.D

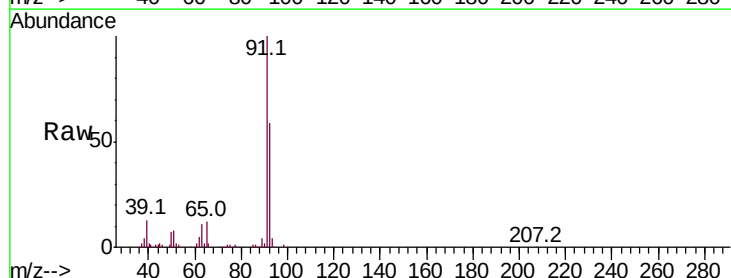
Acq: 7 Oct 2020 00:17

Tgt Ion: 92 Resp: 148162

Ion Ratio Lower Upper

92 100

91 174.4 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

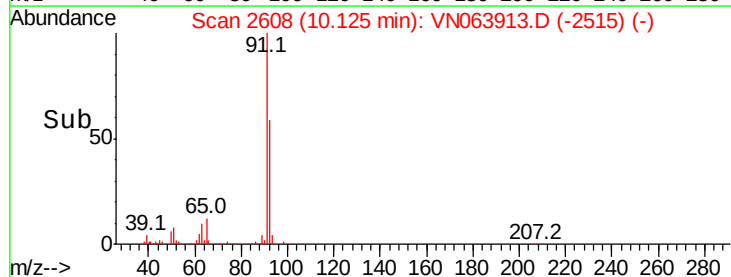
150000

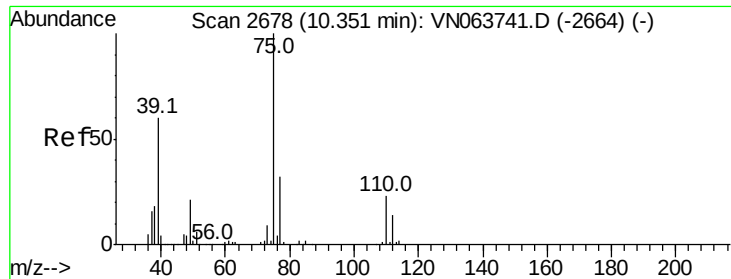
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.930 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

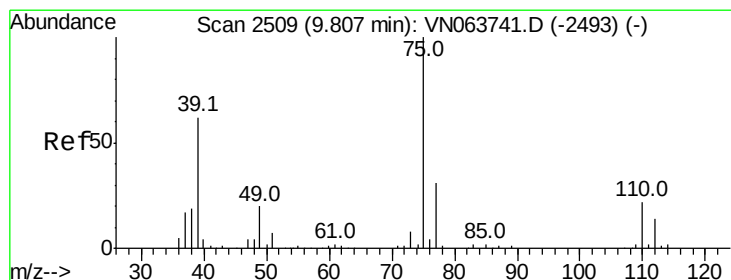
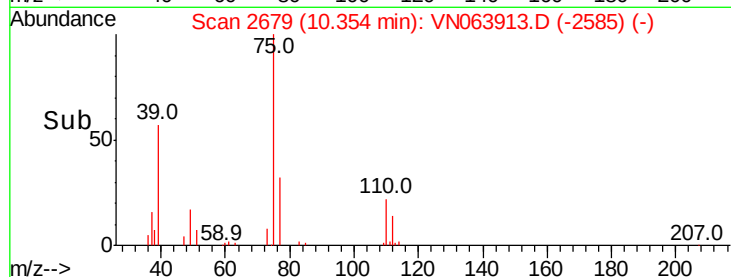
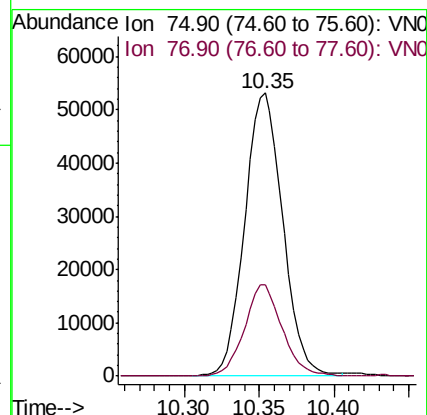
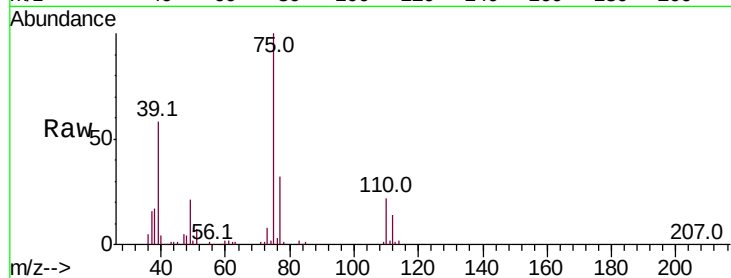
VN1006WBSD04

Tot Ion: 75 Resp: 94364

Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 18.466 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

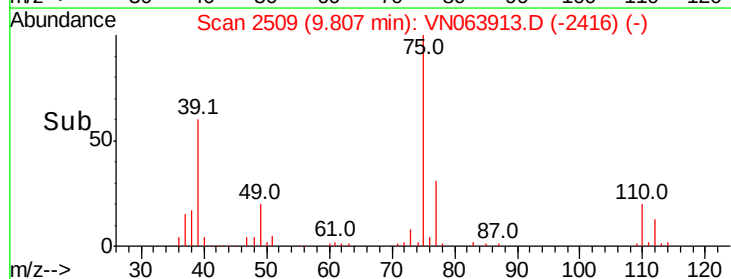
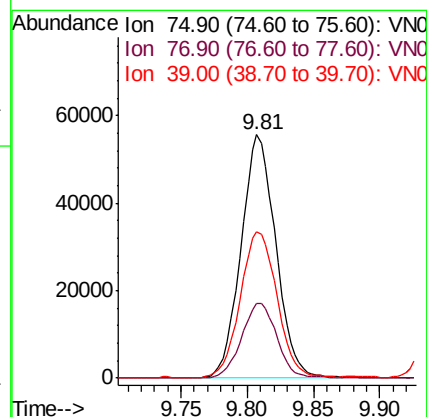
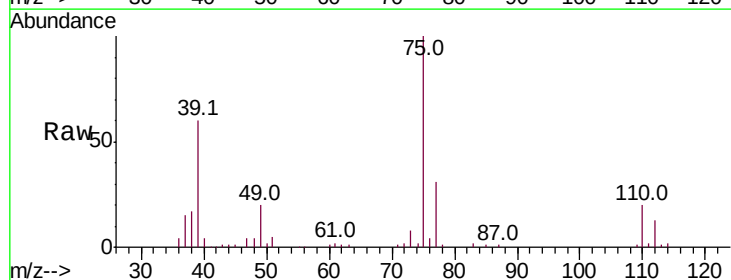
Tgt Ion: 75 Resp: 101638

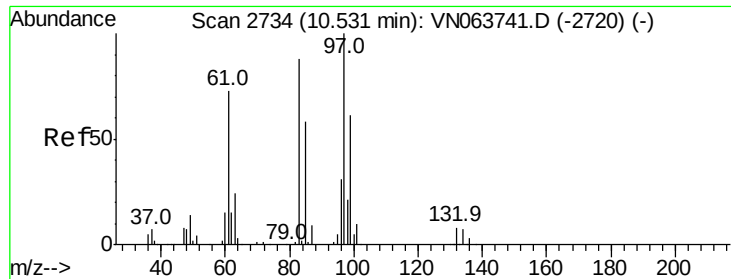
Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8

39 60.0 49.7 74.5

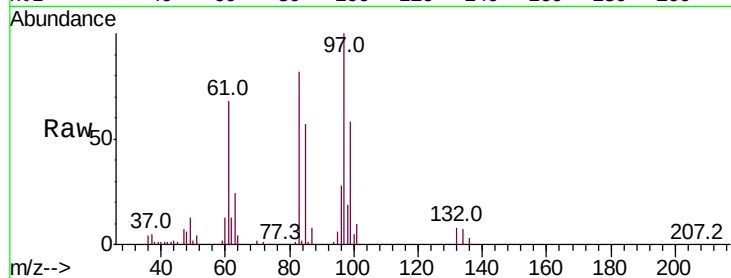




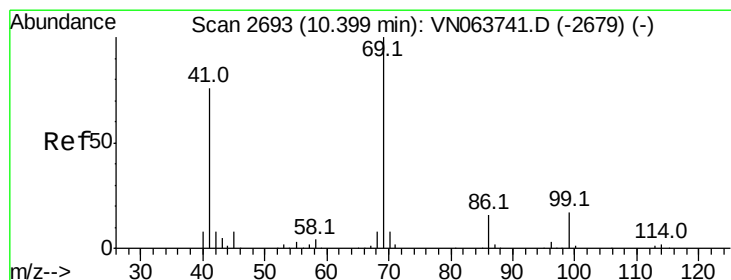
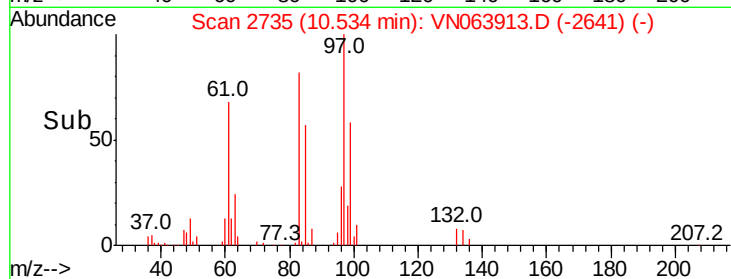
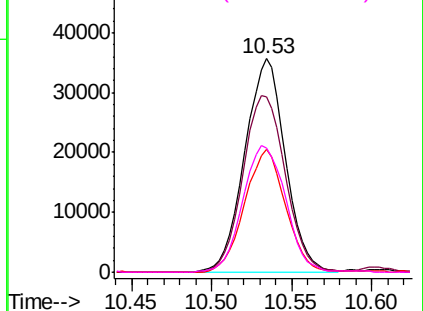
#55
 1,1,2-Trichloroethane
 Concen: 19.490 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN1006WBSD04

Tot Ion: 97 Resp: 61818
 Ion Ratio Lower Upper
 97 100
 83 82.0 70.7 106.1
 85 57.3 46.1 69.1
 99 58.4 48.8 73.2

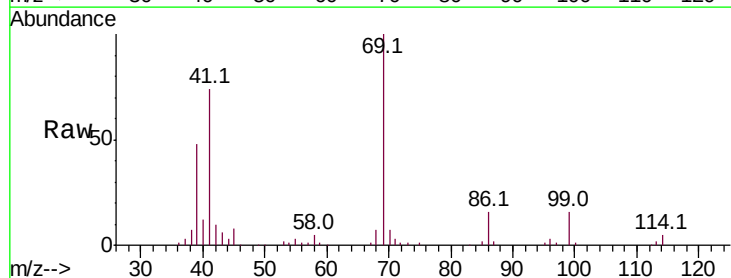


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

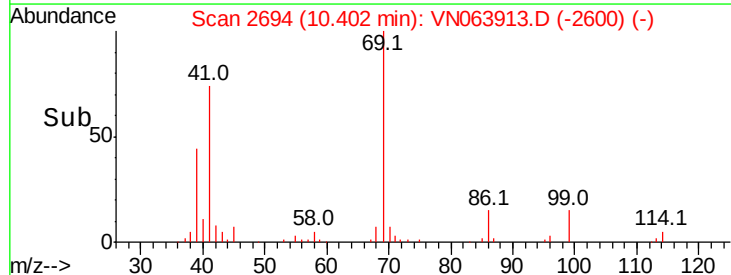
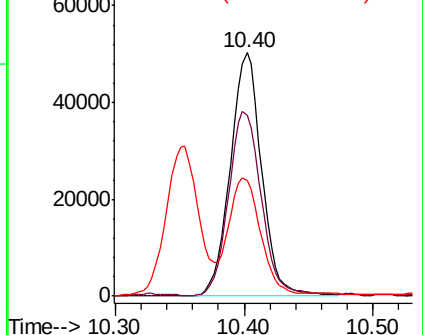


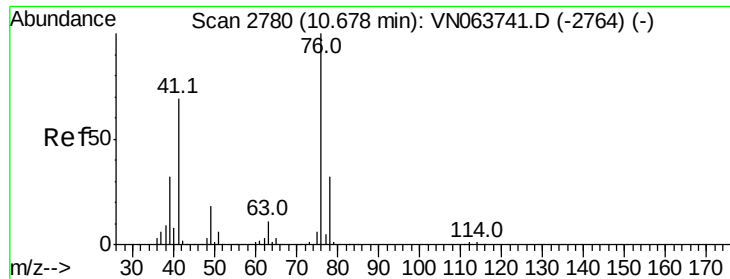
#56
 Ethyl methacrylate
 Concen: 18.888 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

Tgt Ion: 69 Resp: 84919
 Ion Ratio Lower Upper
 69 100
 41 78.7 61.1 91.7
 39 49.4 42.2 63.4



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





#57

1,3-Dichloropropane

Concen: 19.579 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

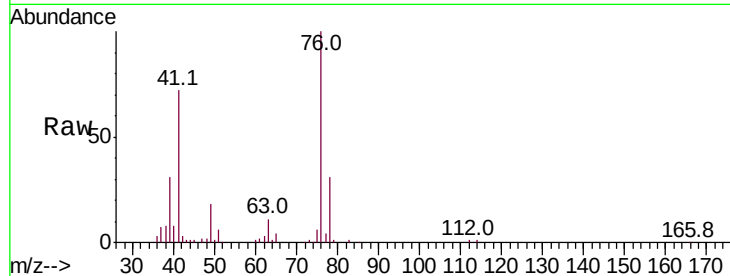
VN1006WBSD04

Tot Ion: 76 Resp: 105063

Ion Ratio Lower Upper

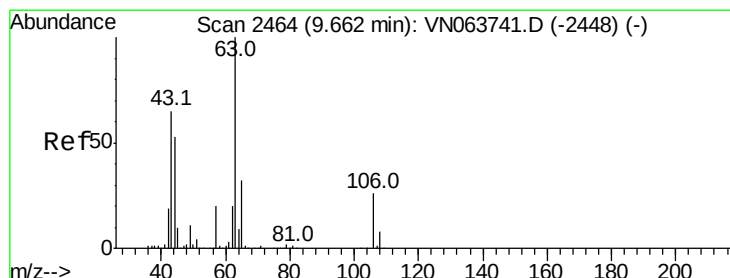
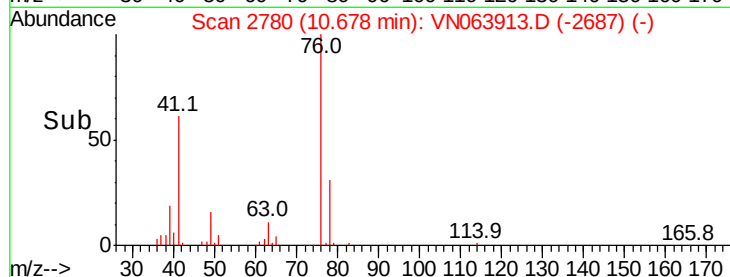
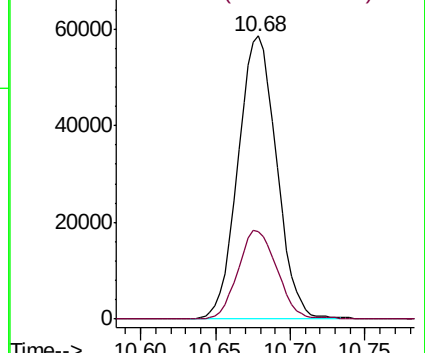
76 100

78 31.5 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 98.146 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063913.D

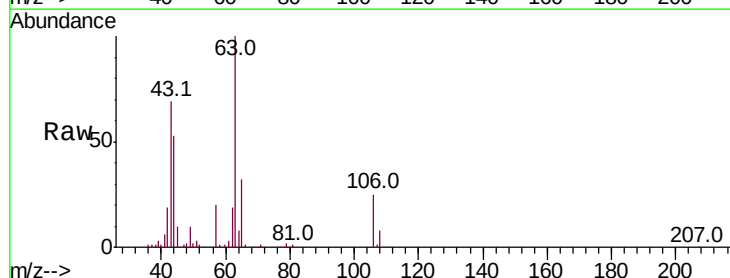
Acq: 7 Oct 2020 00:17

Tgt Ion: 63 Resp: 236032

Ion Ratio Lower Upper

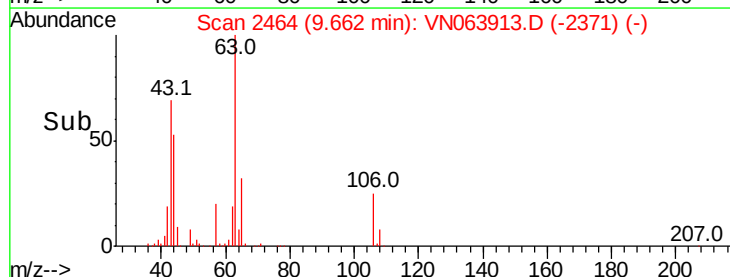
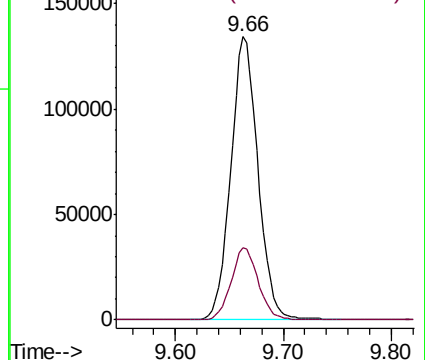
63 100

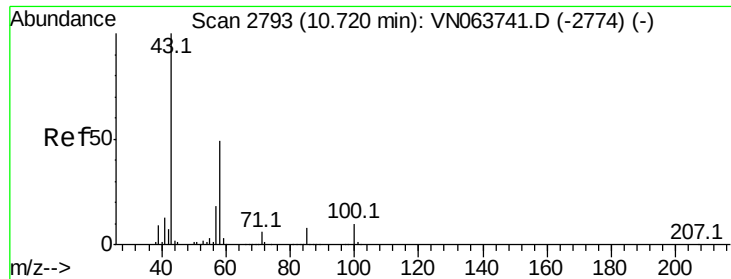
106 25.5 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

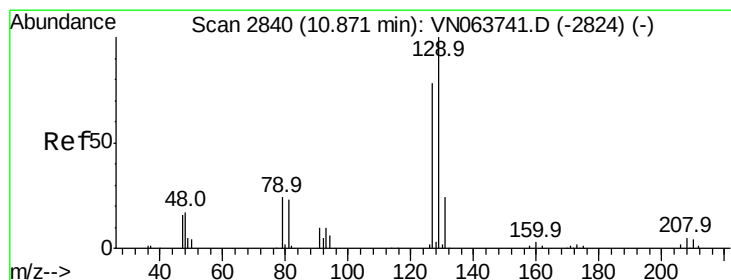
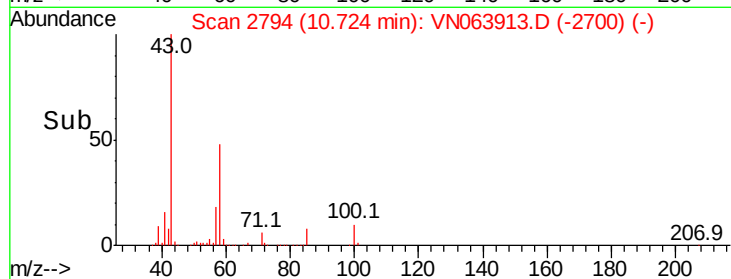
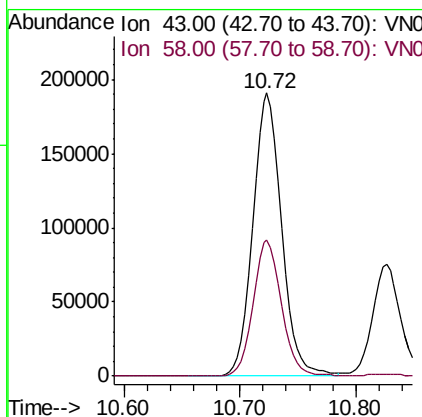
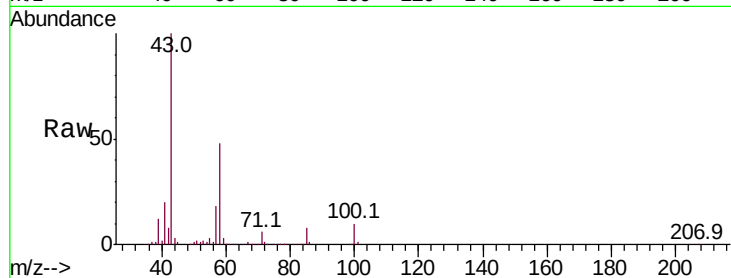




#59
2-Hexanone
Concen: 103.102 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

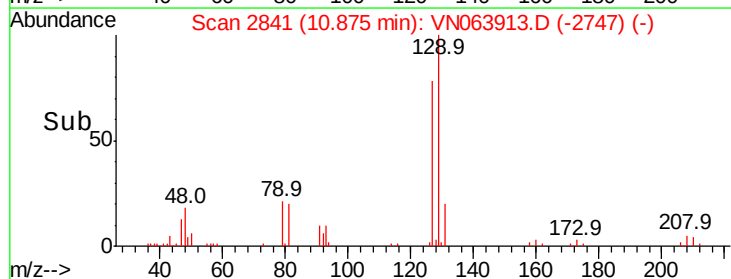
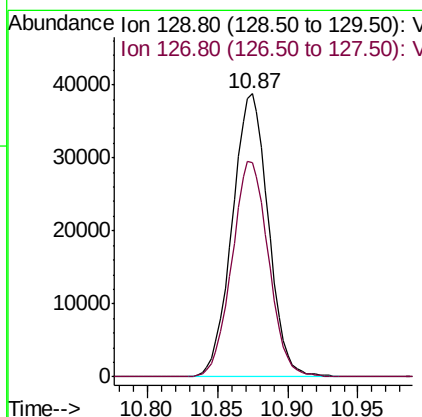
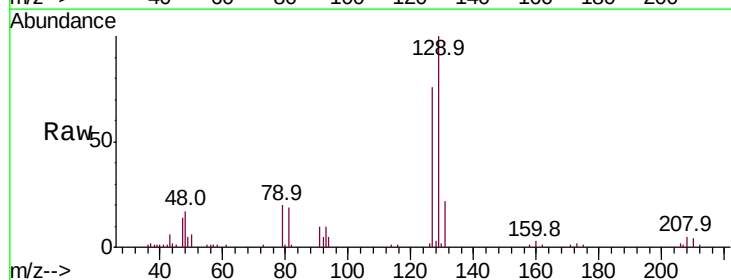
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBSD04

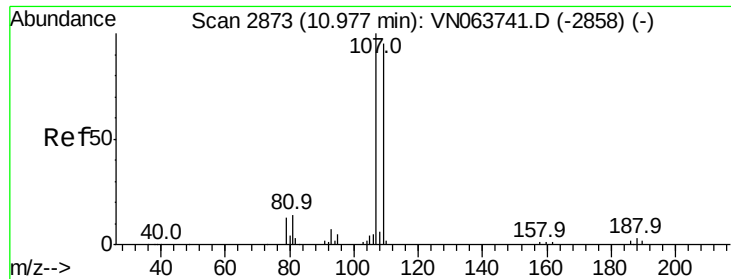
Tot Ion: 43 Resp: 329746
Ion Ratio Lower Upper
43 100
58 47.7 24.6 73.8



#60
Dibromochloromethane
Concen: 18.811 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Tgt Ion: 129 Resp: 69484
Ion Ratio Lower Upper
129 100
127 77.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.217 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

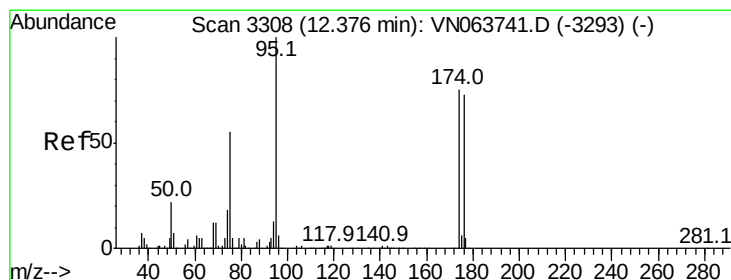
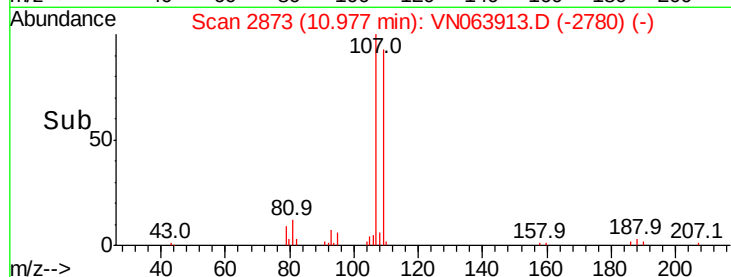
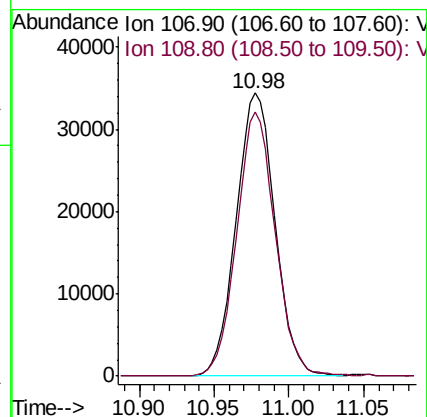
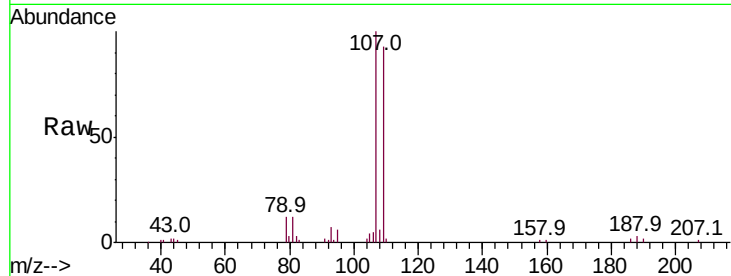
VN1006WBSD04

Tot Ion:107 Resp: 62351

Ion Ratio Lower Upper

107 100

109 92.5 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 44.859 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

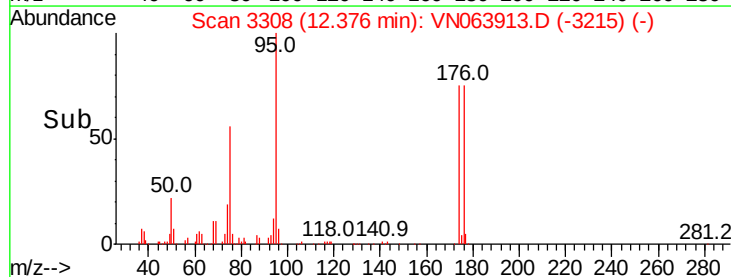
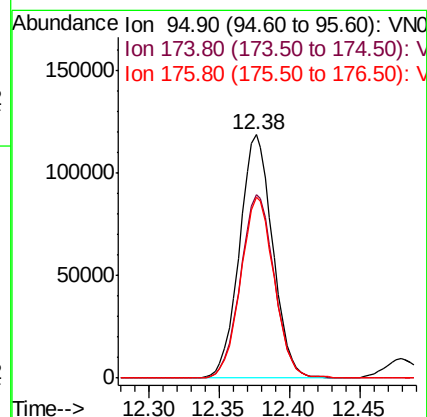
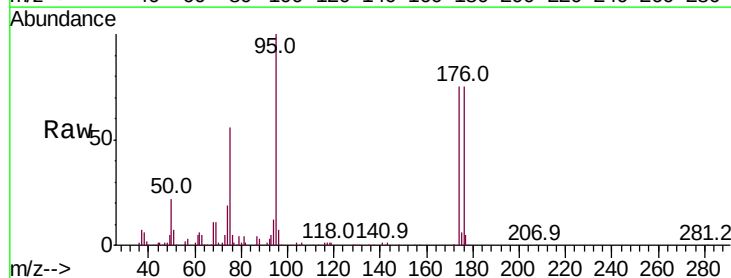
Tgt Ion: 95 Resp: 196008

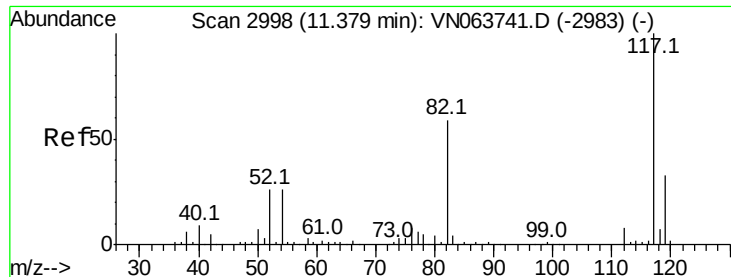
Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.6

176 75.1 0.0 145.4

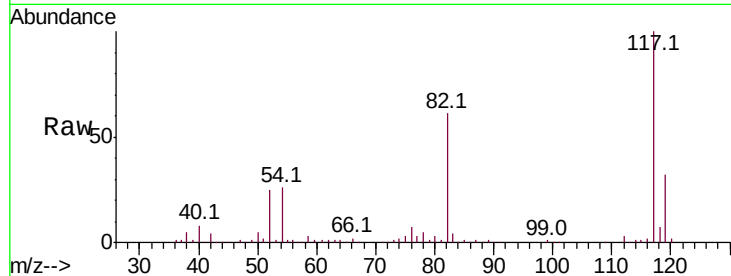




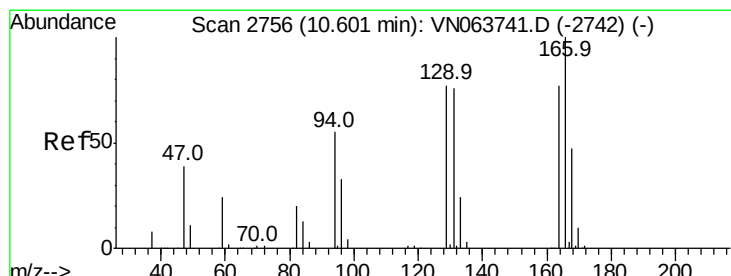
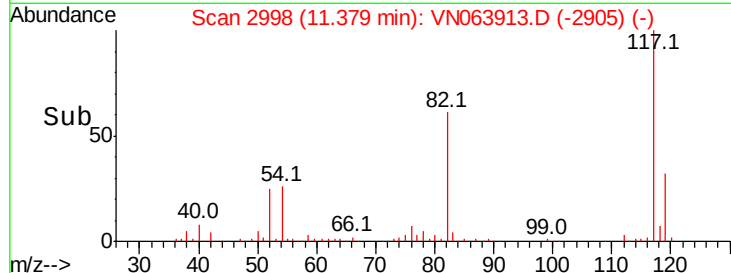
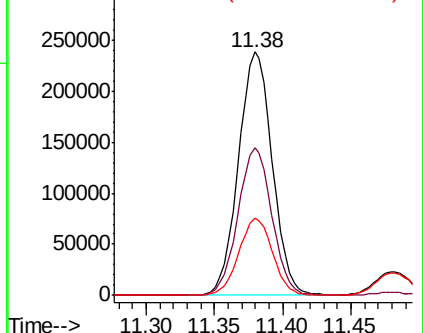
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBSD04

Tot Ion:117 Resp: 412014
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 31.6 26.4 39.6

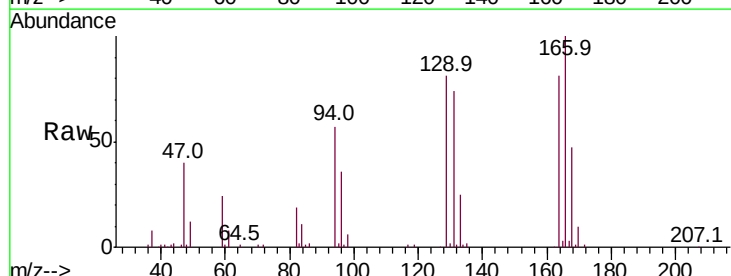


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

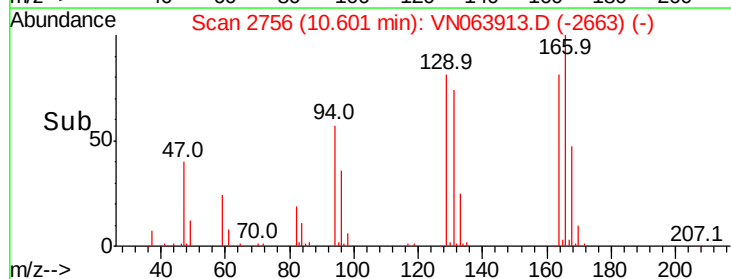
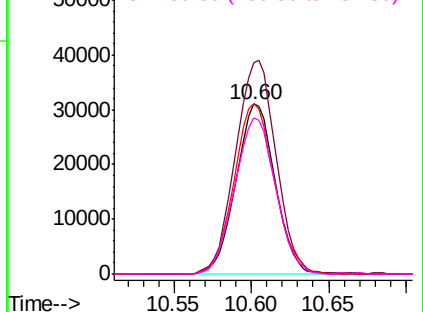


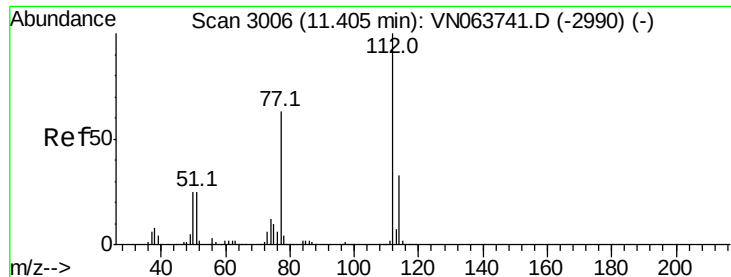
#64
Tetrachloroethene
Concen: 17.130 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Tgt Ion:164 Resp: 54605
Ion Ratio Lower Upper
164 100
166 124.2 103.9 155.9
129 100.6 80.3 120.5
131 91.6 78.9 118.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

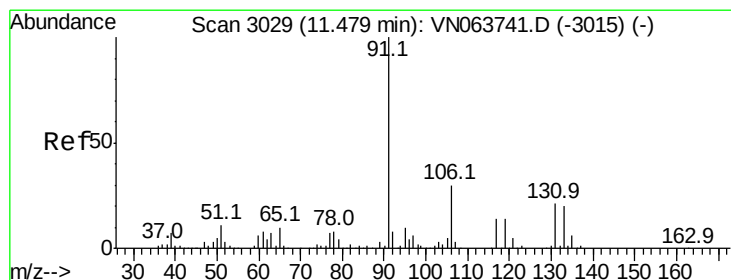
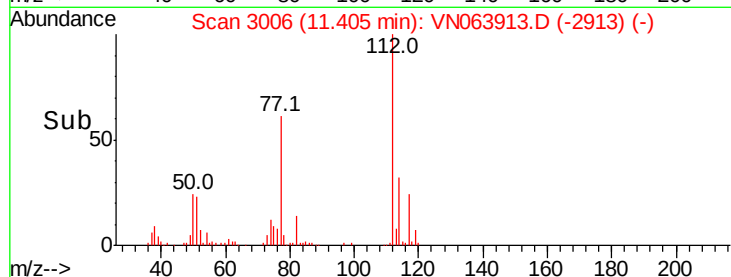
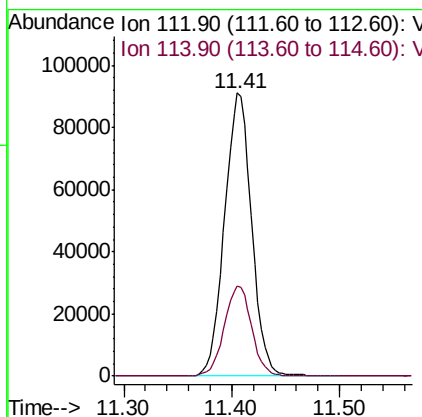
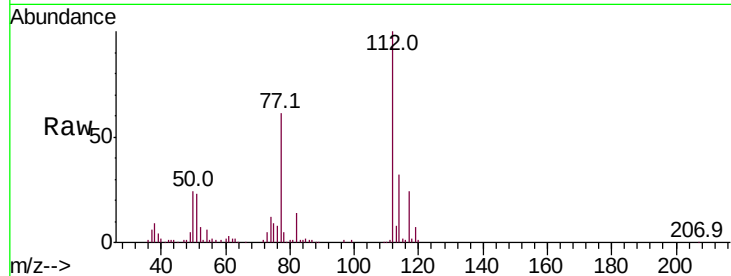




#65
Chlorobenzene
Concen: 18.825 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

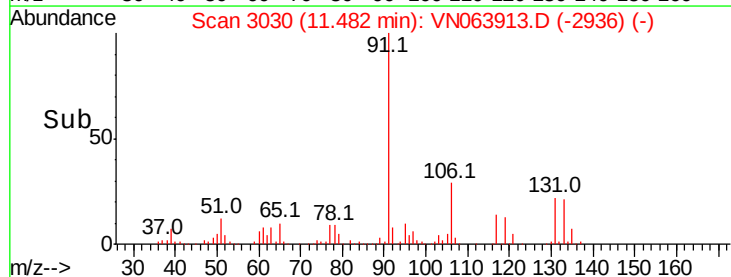
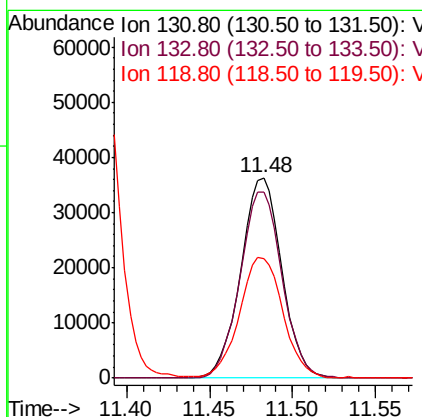
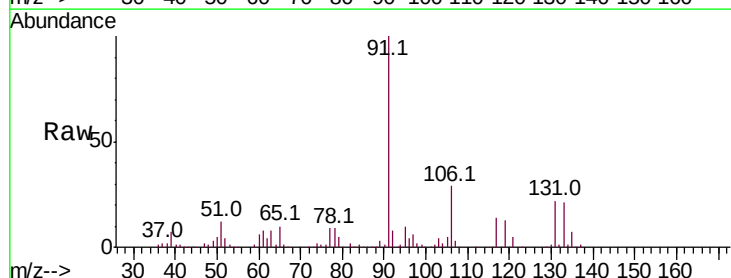
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBSD04

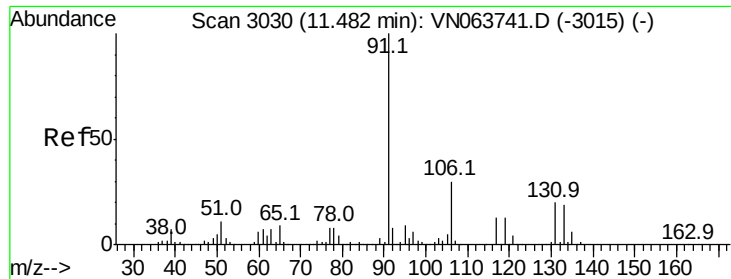
Tot Ion:112 Resp: 159105
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.216 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Tgt Ion:131 Resp: 62261
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 64.2 32.6 97.7

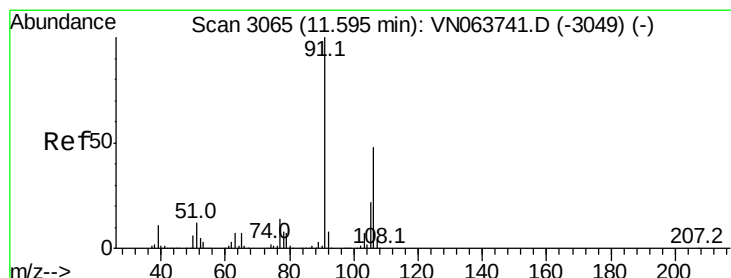
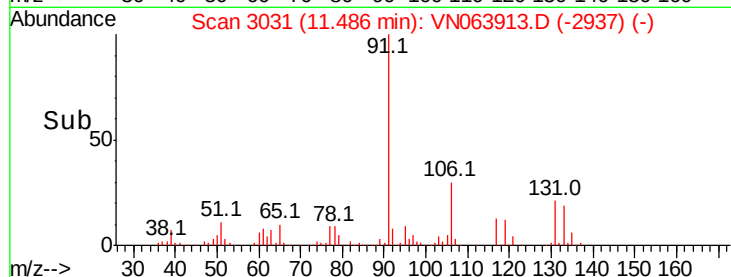
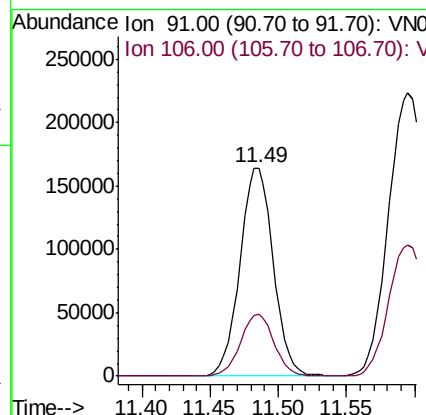
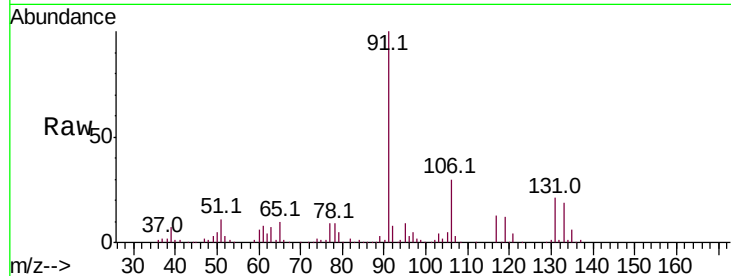




#67
Ethyl Benzene
Concen: 18.127 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

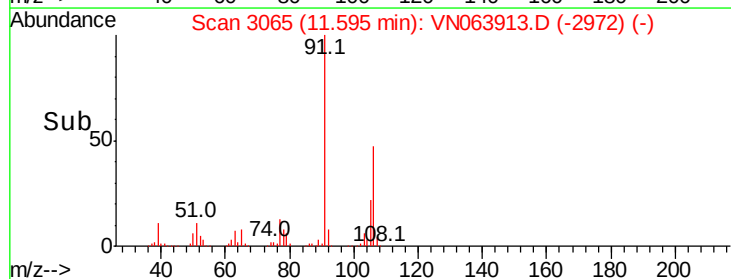
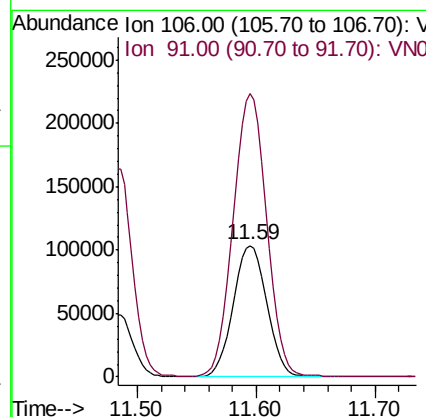
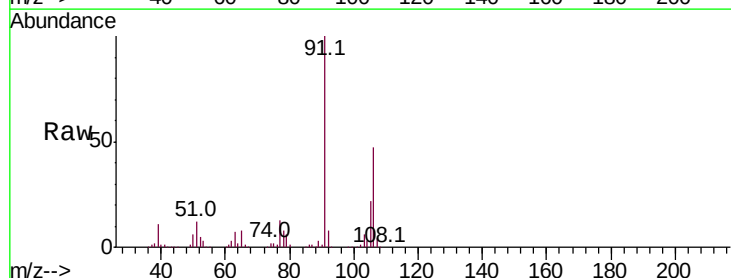
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBSD04

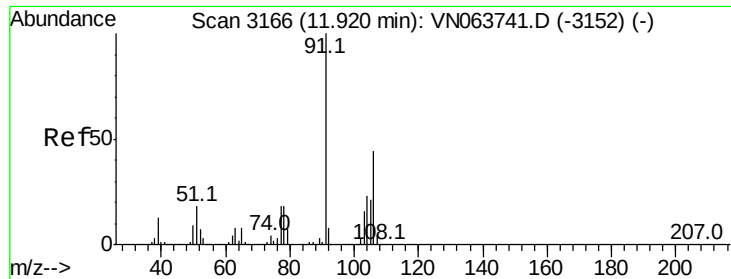
Tot Ion: 91 Resp: 278770
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2



#68
m/p-Xylenes
Concen: 35.528 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Tgt Ion: 106 Resp: 203634
Ion Ratio Lower Upper
106 100
91 213.5 168.0 252.0

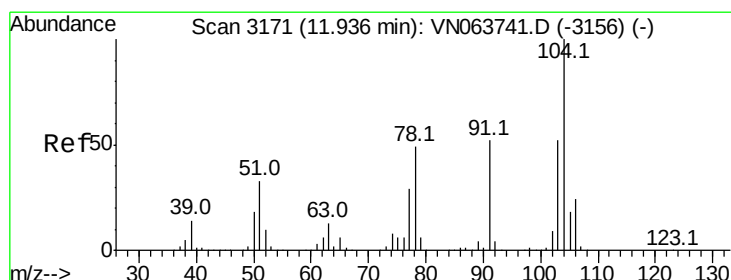
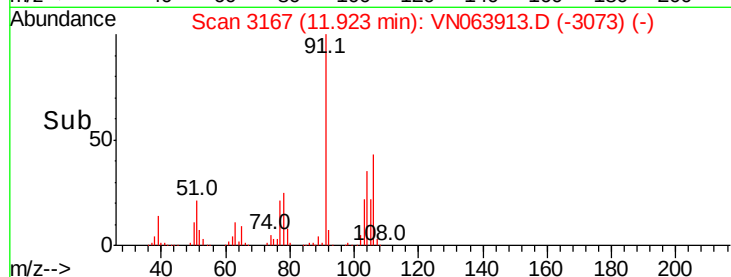
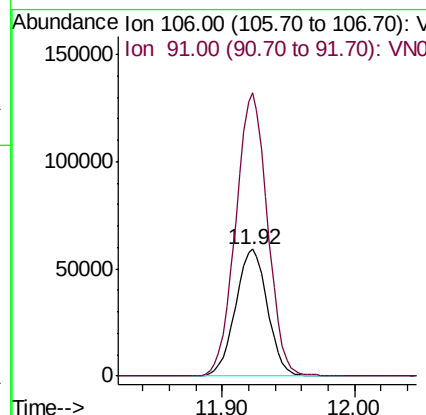
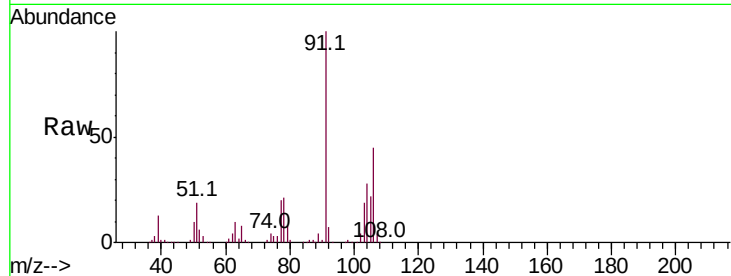




#69
o-Xylene
Concen: 18.462 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

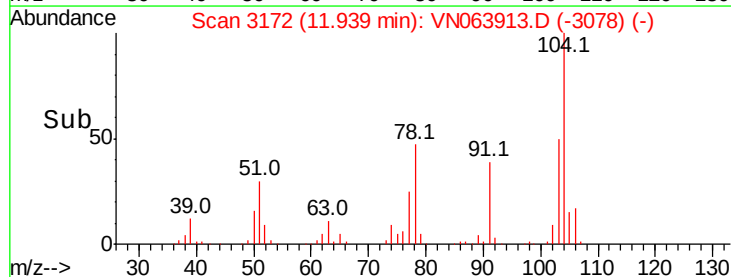
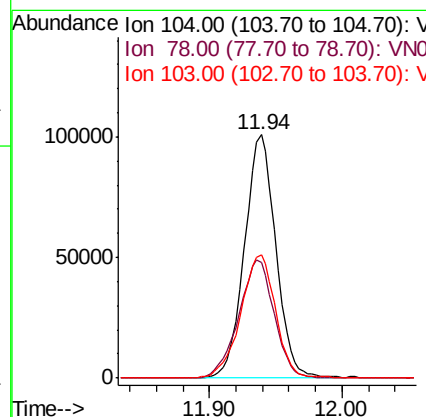
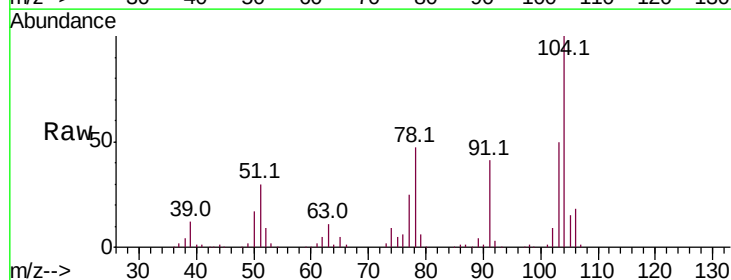
Instrument :
MSVOA_N
ClientSampled :
VN1006WBSD04

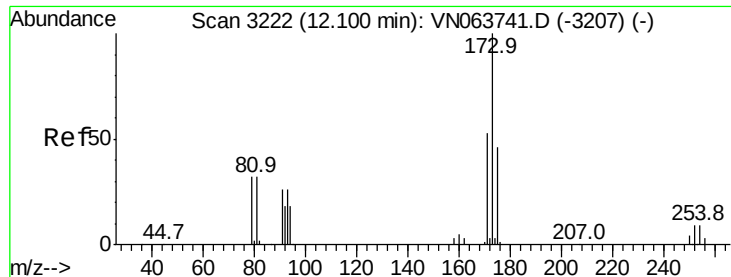
Tot Ion:106 Resp: 98908
Ion Ratio Lower Upper
106 100
91 222.4 112.7 338.0



#70
Styrene
Concen: 18.258 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Tgt Ion:104 Resp: 166037
Ion Ratio Lower Upper
104 100
78 54.9 44.1 66.1
103 56.4 44.3 66.5





#71

Bromoform

Concen: 18.693 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBSD04

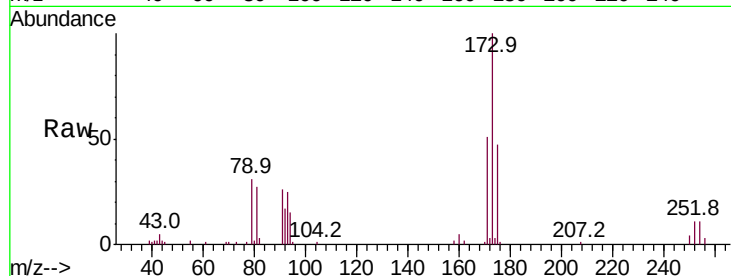
Tot Ion:173 Resp: 46324

Ion Ratio Lower Upper

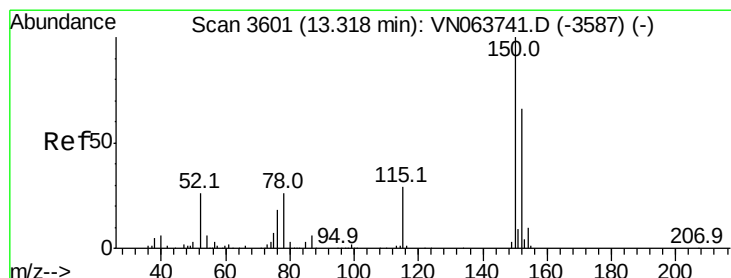
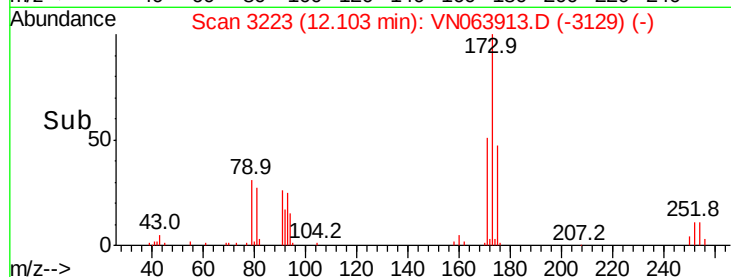
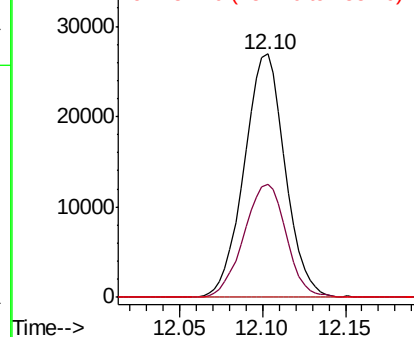
173 100

175 48.1 23.5 70.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

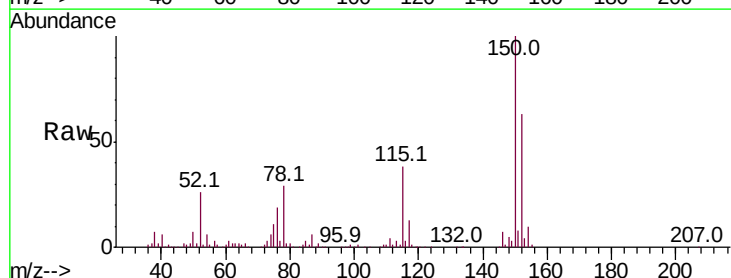
Tgt Ion:152 Resp: 187426

Ion Ratio Lower Upper

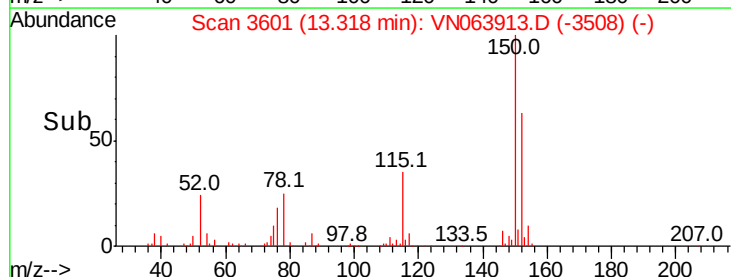
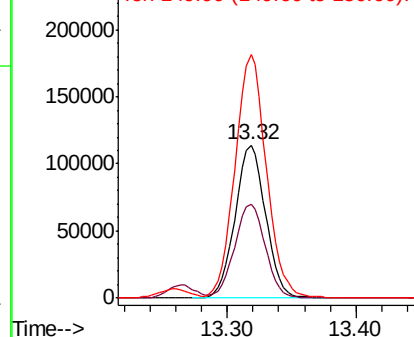
152 100

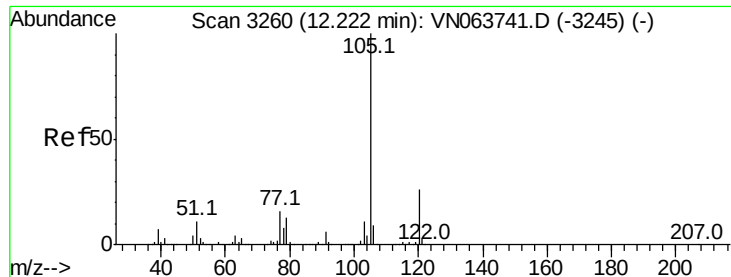
115 61.4 31.3 93.8

150 162.7 0.0 341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

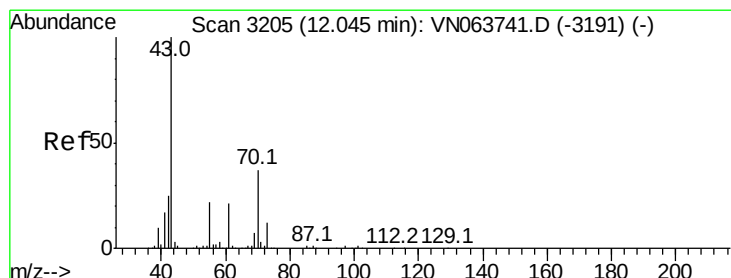
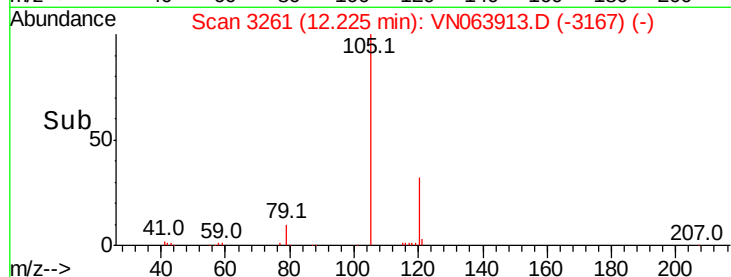
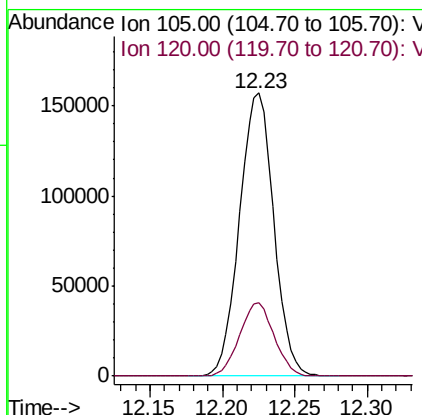
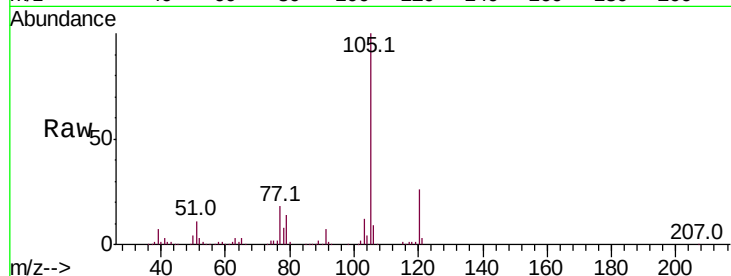




#73
Isopropylbenzene
Concen: 18.927 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

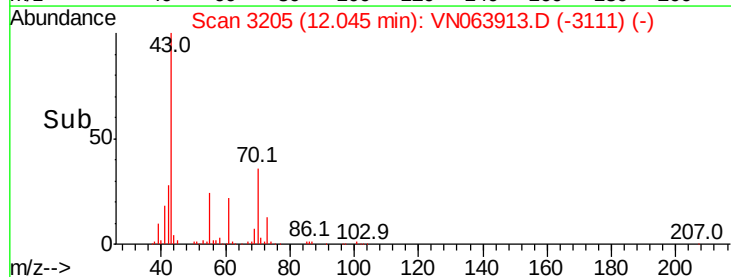
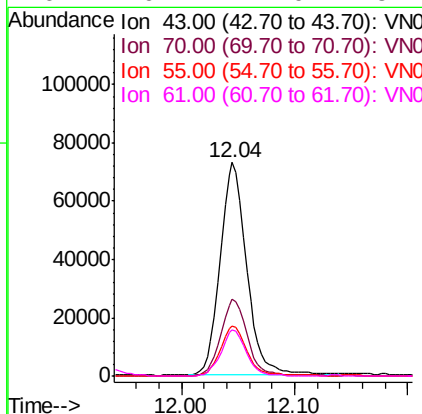
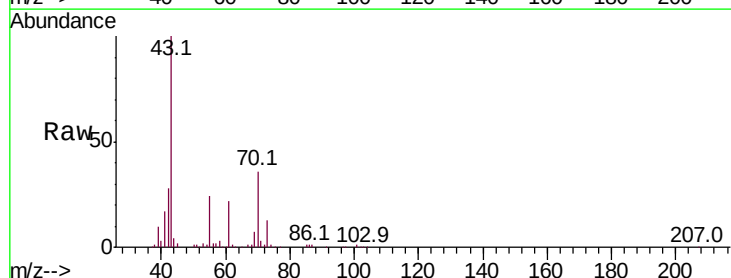
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBSD04

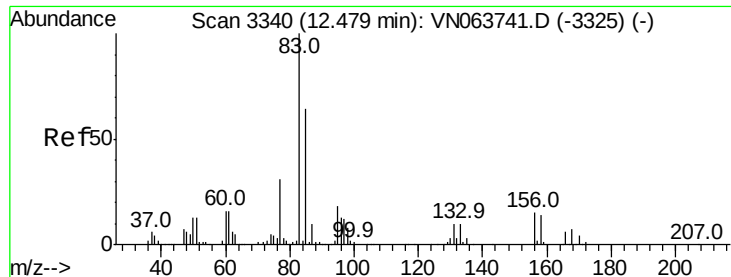
Tot Ion:105 Resp: 258749
Ion Ratio Lower Upper
105 100
120 26.1 12.6 37.8



#74
N-ethyl acetate
Concen: 20.302 ug/l
RT: 12.04 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Tgt Ion: 43 Resp: 120246
Ion Ratio Lower Upper
43 100
70 35.9 29.8 44.8
55 23.9 17.9 26.9
61 20.4 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.052 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBSD04

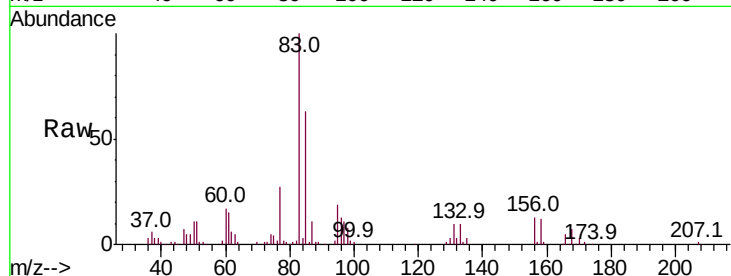
Tot Ion: 83 Resp: 88004

Ion Ratio Lower Upper

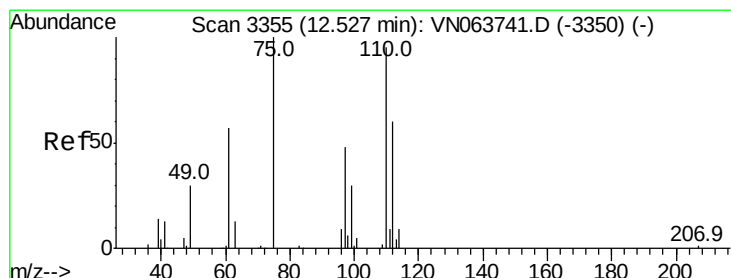
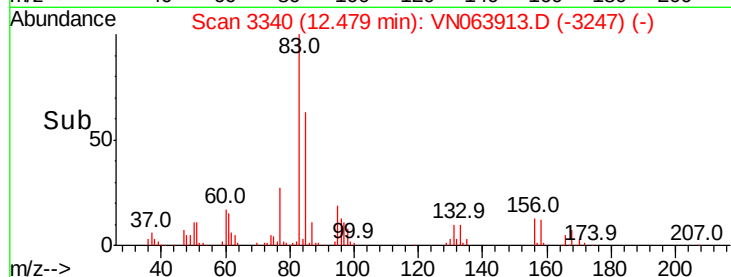
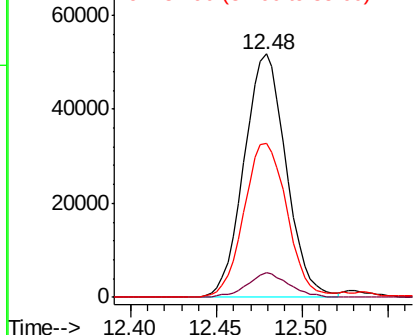
83 100

131 10.0 5.3 15.8

85 64.8 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 28.709 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063913.D

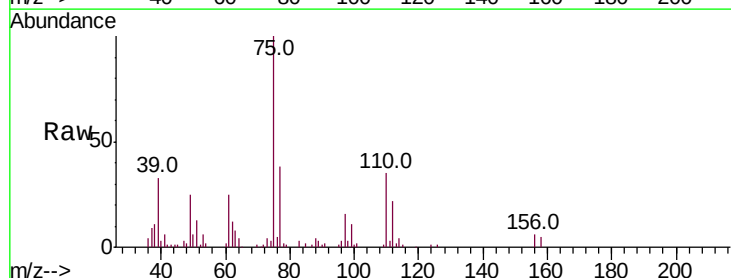
Acq: 7 Oct 2020 00:17

Tgt Ion: 75 Resp: 118614

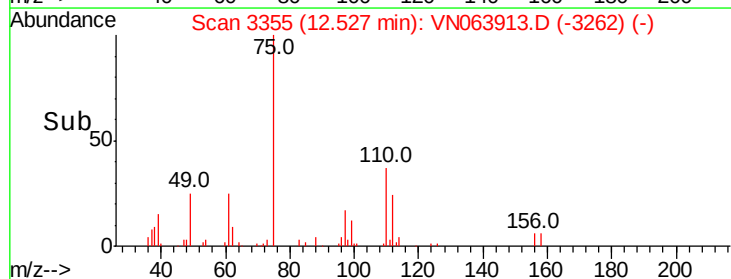
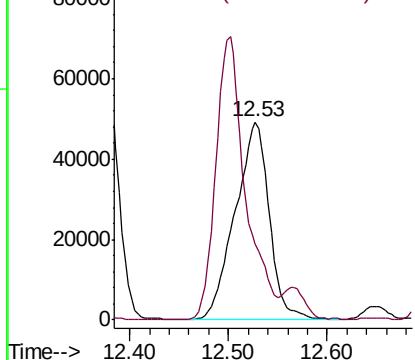
Ion Ratio Lower Upper

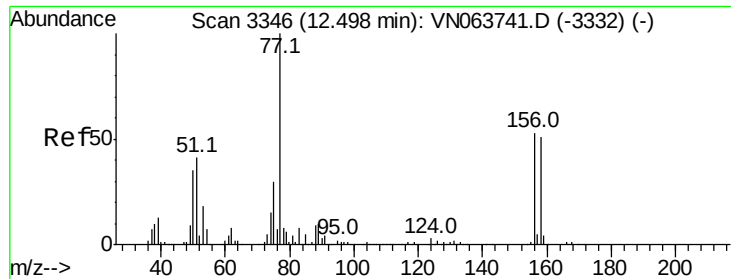
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 20.109 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBSD04

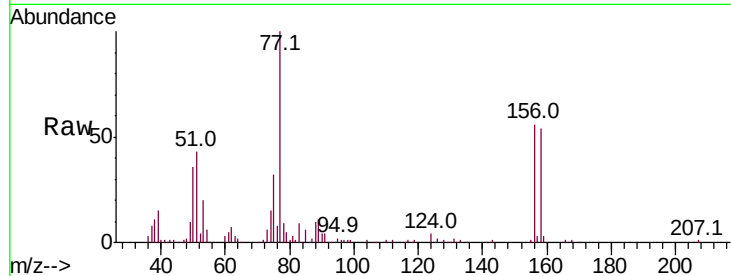
Tot Ion:156 Resp: 67456

Ion Ratio Lower Upper

156 100

77 219.7 110.9 332.7

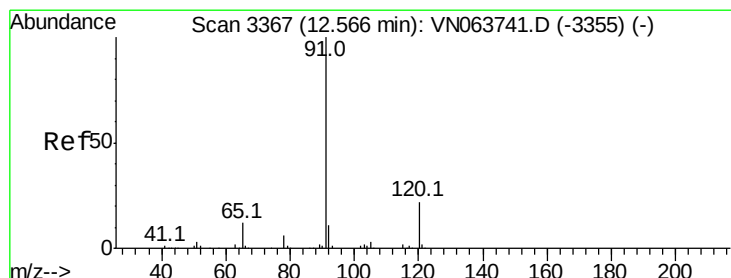
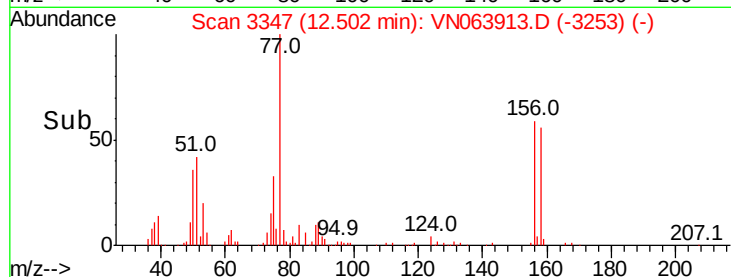
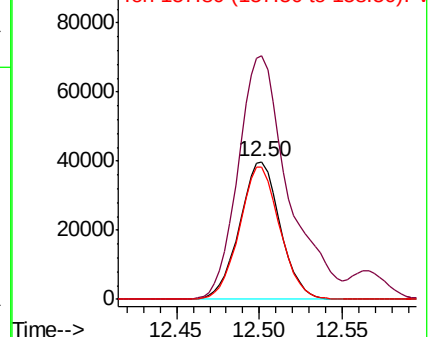
158 96.2 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.208 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063913.D

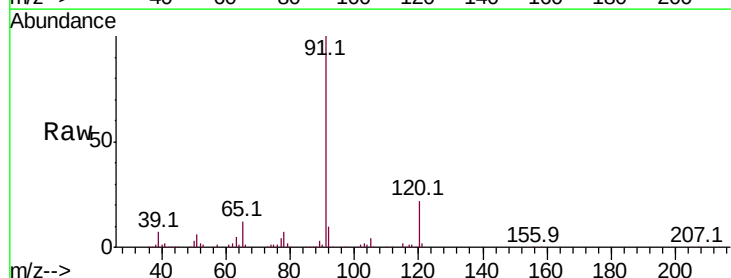
Acq: 7 Oct 2020 00:17

Tgt Ion: 91 Resp: 289684

Ion Ratio Lower Upper

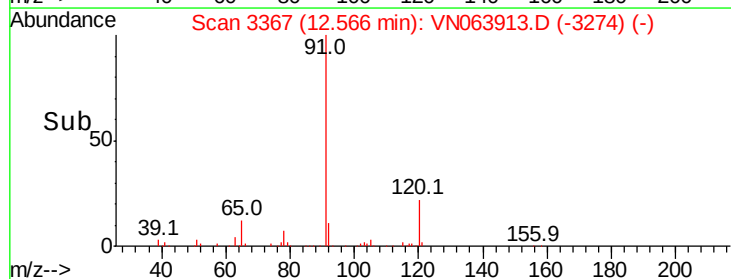
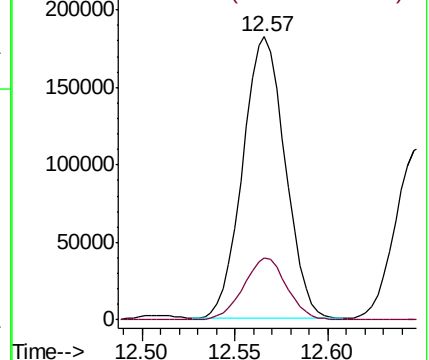
91 100

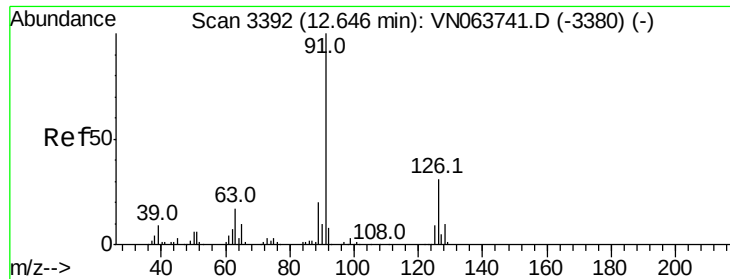
120 22.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.023 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

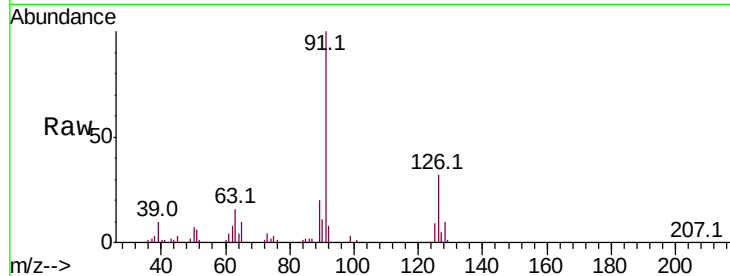
VN1006WBSD04

Tot Ion: 91 Resp: 186137

Ion Ratio Lower Upper

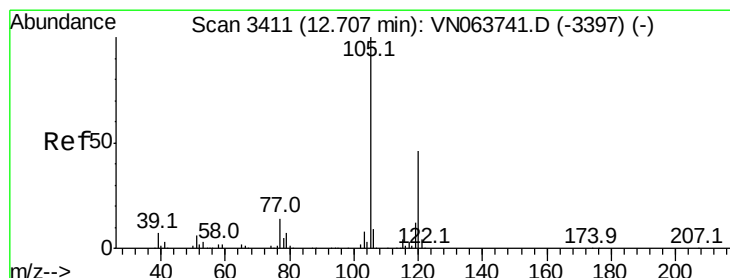
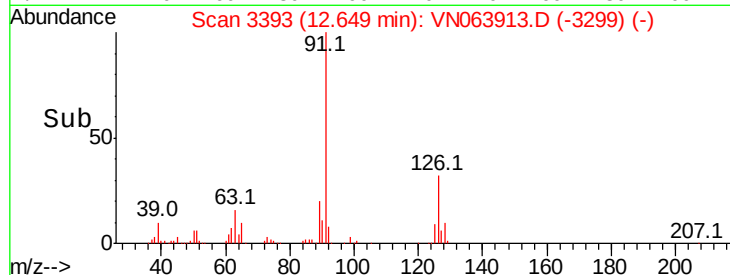
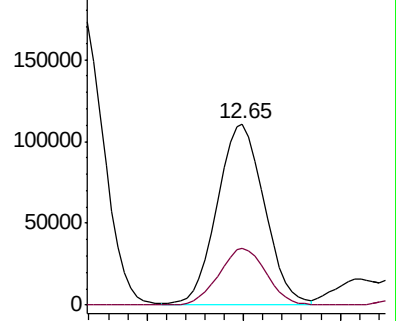
91 100

126 31.8 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.169 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063913.D

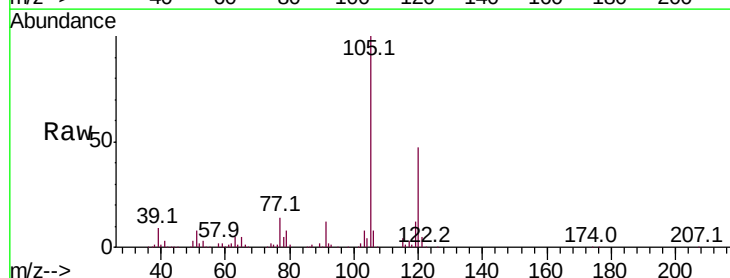
Acq: 7 Oct 2020 00:17

Tgt Ion:105 Resp: 219852

Ion Ratio Lower Upper

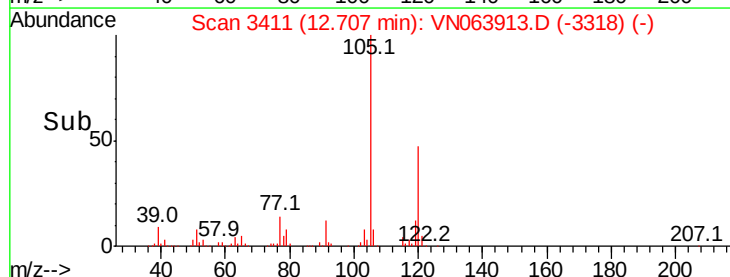
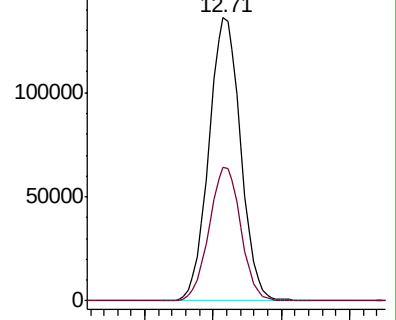
105 100

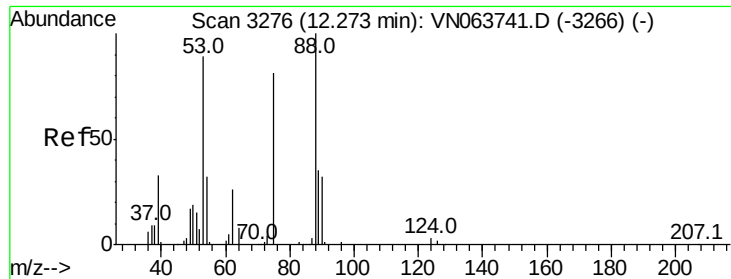
120 47.0 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.947 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

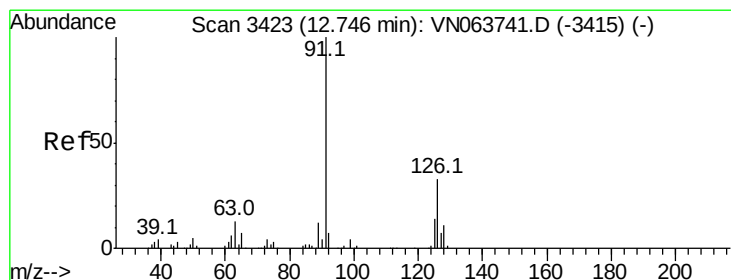
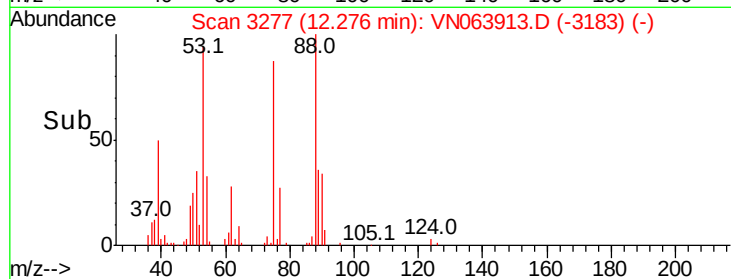
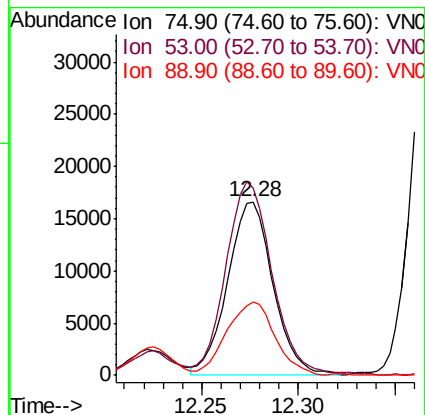
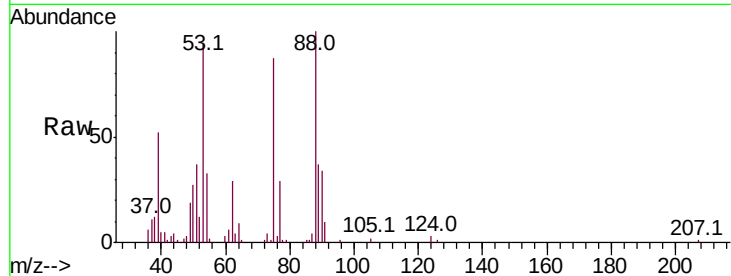
MSVOA_N

ClientSampleId :

VN1006WBSD04

Tot Ion: 75 Resp: 27180

Ion	Ratio	Lower	Upper
75	100		
53	114.3	88.2	132.2
89	45.3	36.0	54.0



#82

4-Chlorotoluene

Concen: 19.072 ug/l

RT: 12.75 min Scan# 3423

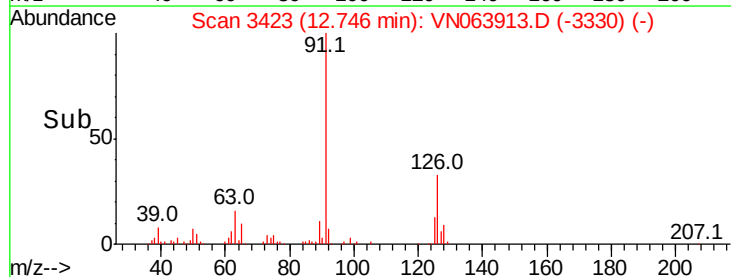
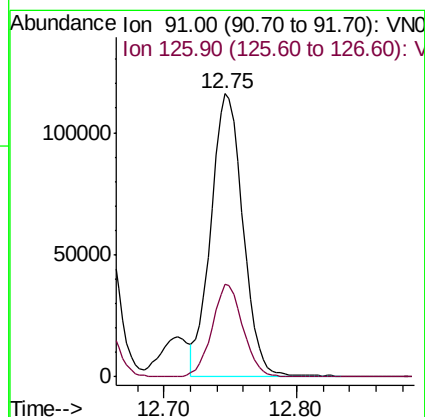
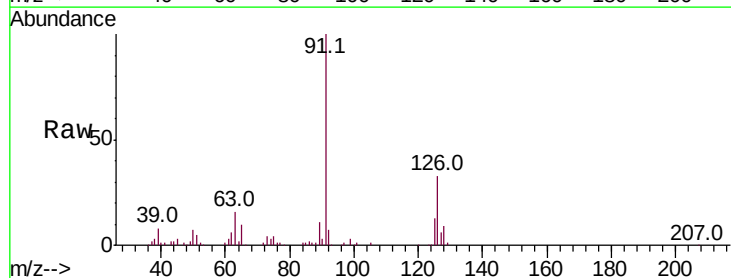
Delta R.T. 0.00 min

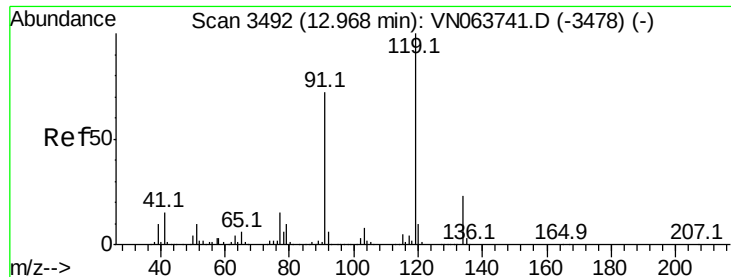
Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Tgt Ion: 91 Resp: 193730

Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.2

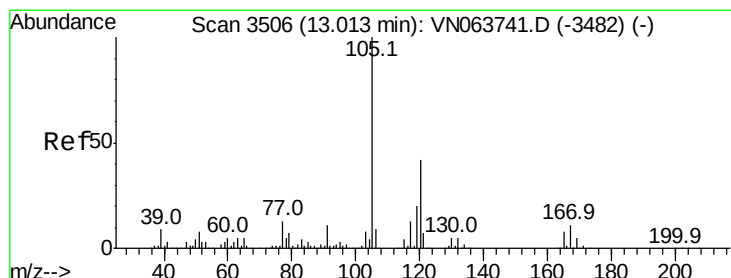
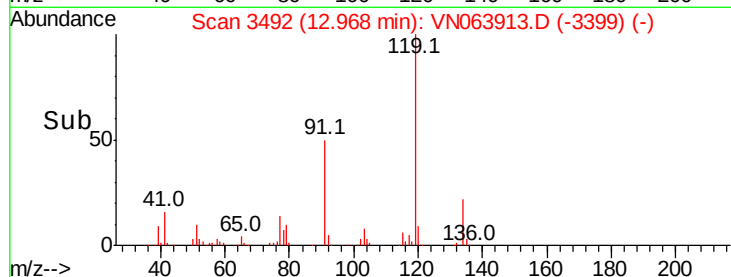
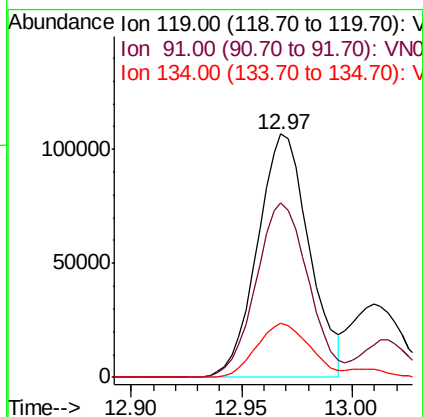
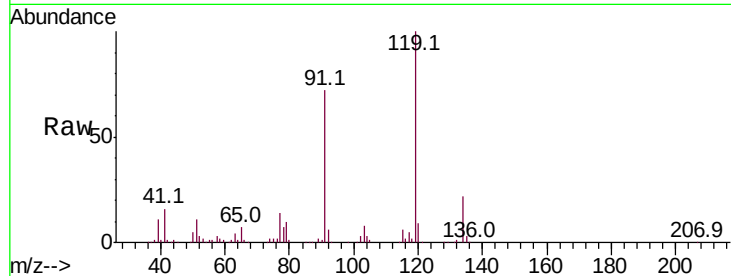




#83
 tert-Butylbenzene
 Concen: 18.490 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

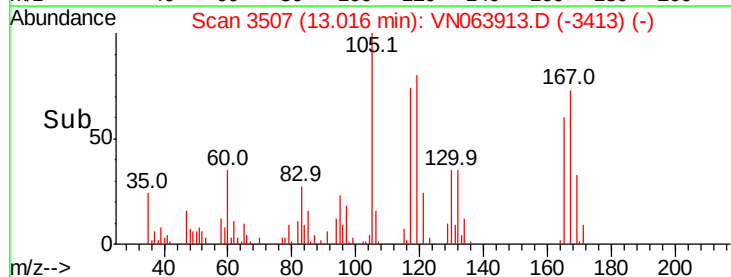
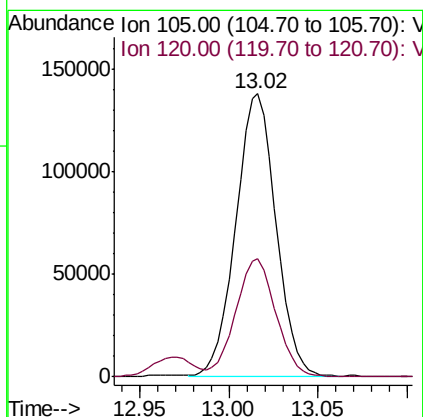
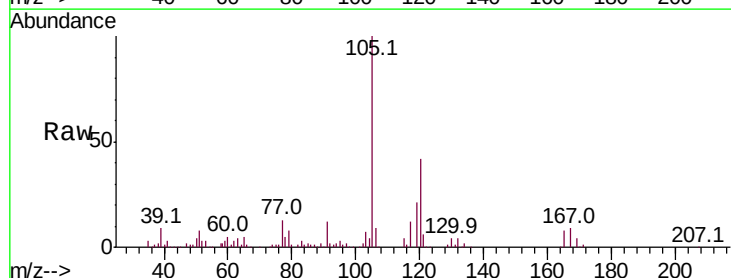
Instrument :
 MSVOA_N
 ClientSampled :
 VN1006WBSD04

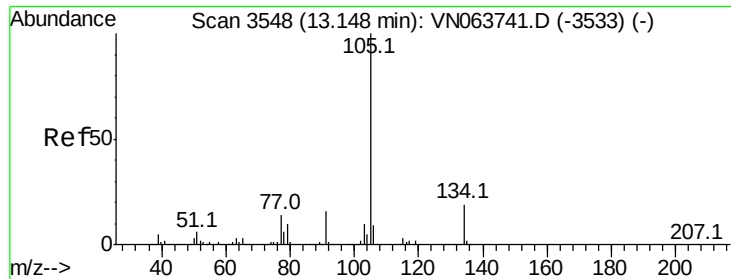
Tot Ion:119 Resp: 173464
 Ion Ratio Lower Upper
 119 100
 91 72.3 35.5 106.5
 134 23.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.768 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

Tgt Ion:105 Resp: 214906
 Ion Ratio Lower Upper
 105 100
 120 41.8 20.9 62.7





#85

sec-Butylbenzene

Concen: 18.242 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

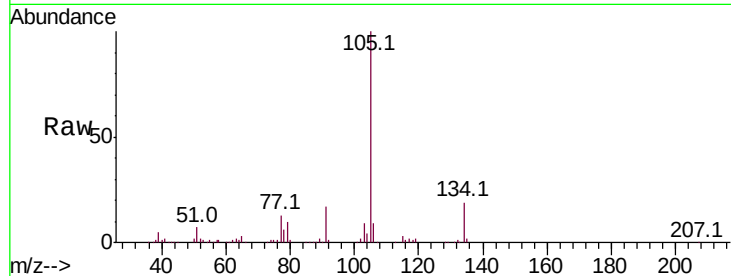
VN1006WBSD04

Tot Ion:105 Resp: 224774

Ion Ratio Lower Upper

105 100

134 18.8 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

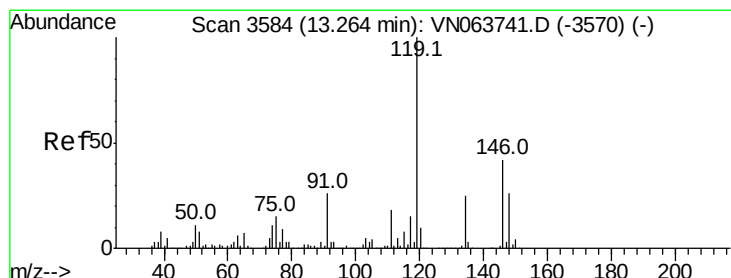
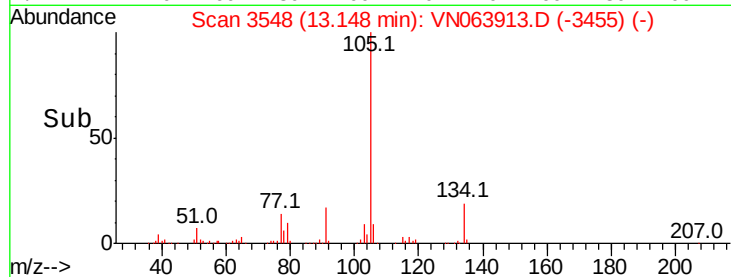
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.405 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

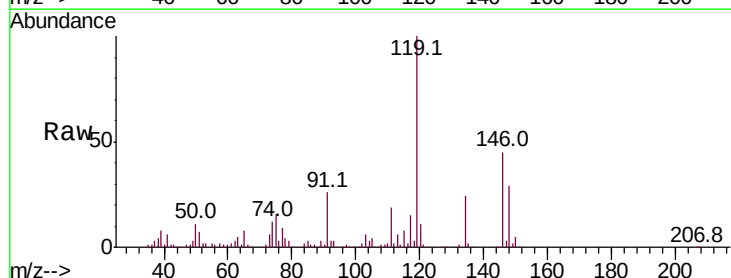
Tgt Ion:119 Resp: 200625

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 26.7 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

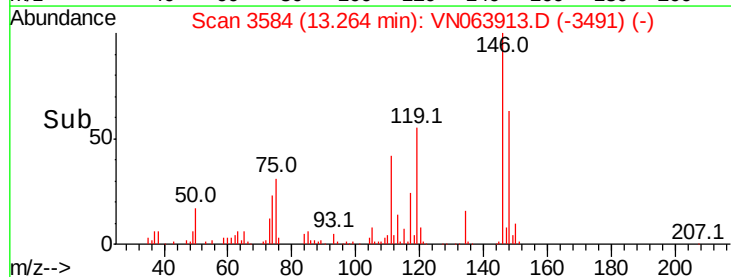
150000

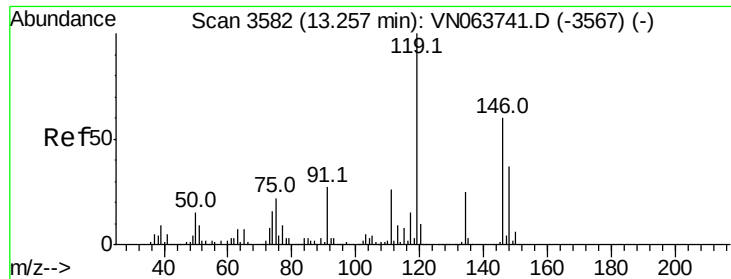
100000

50000

0

Time-->

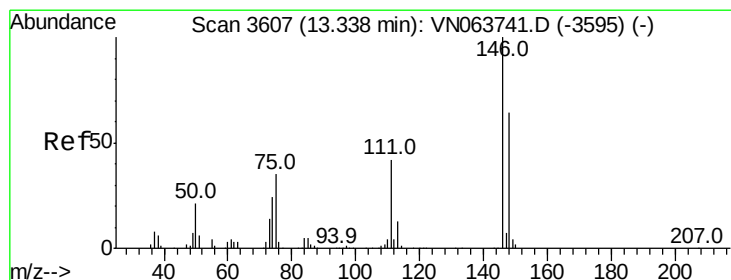
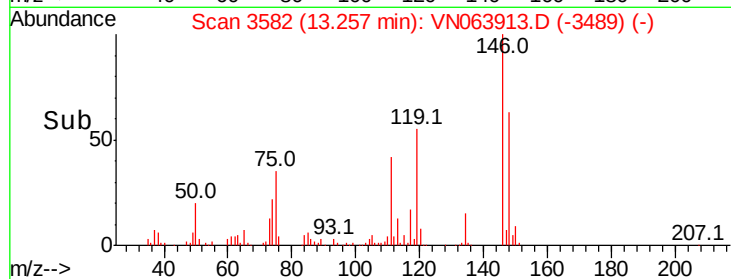
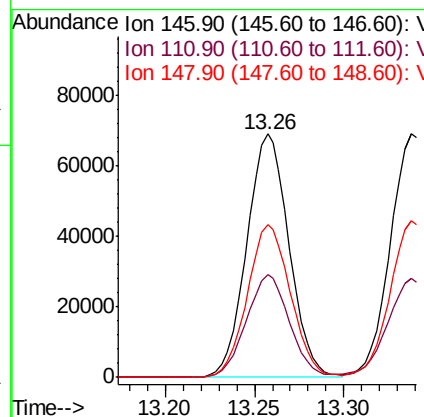
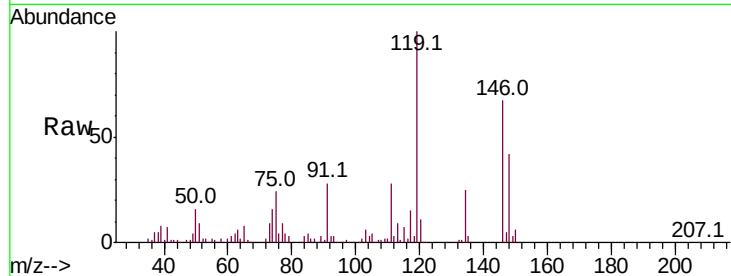




#87
 1,3-Dichlorobenzene
 Concen: 18.805 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

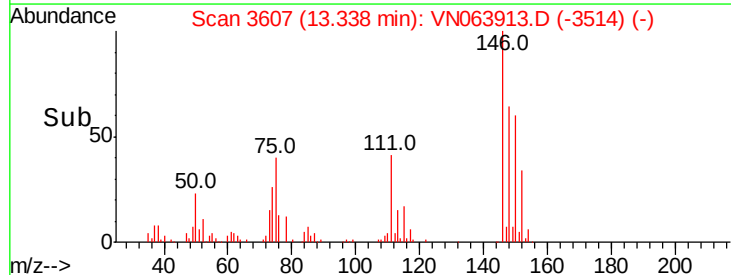
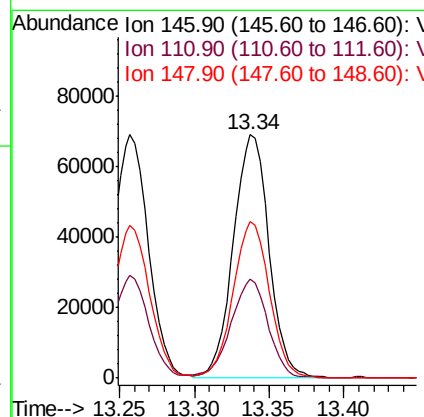
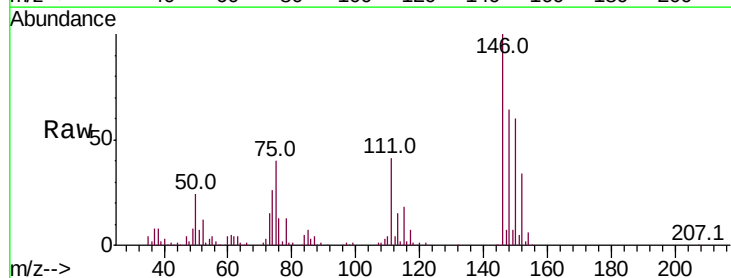
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBSD04

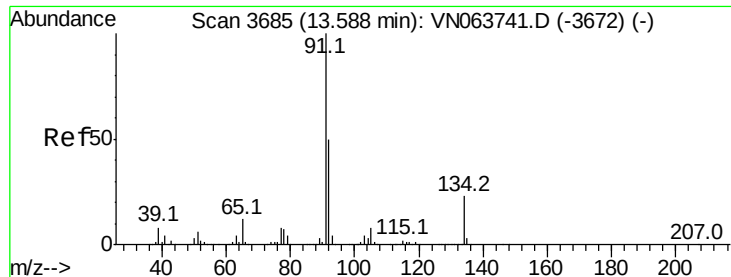
Tot Ion:146 Resp: 114123
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.5 64.5
 148 64.1 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 17.997 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

Tgt Ion:146 Resp: 113719
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 63.7
 148 65.7 32.0 96.0





#89

n-Butylbenzene

Concen: 16.238 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBSD04

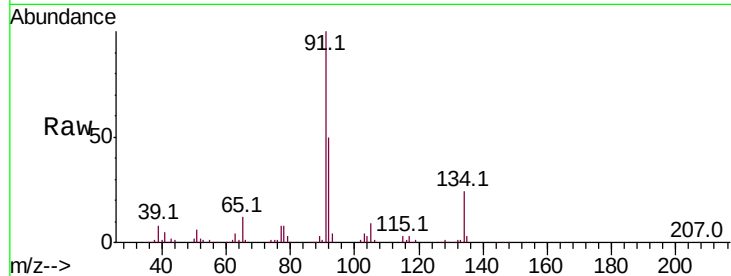
Tot Ion: 91 Resp: 163374

Ion Ratio Lower Upper

91 100

92 50.7 25.4 76.4

134 23.7 11.7 35.1

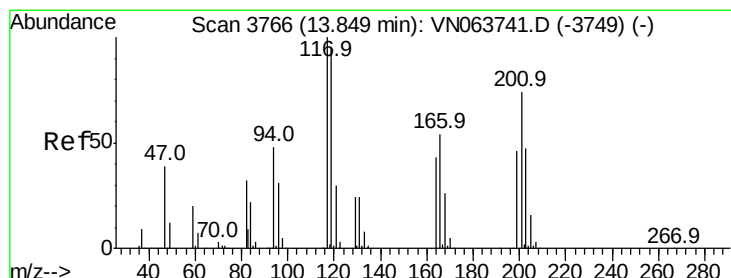
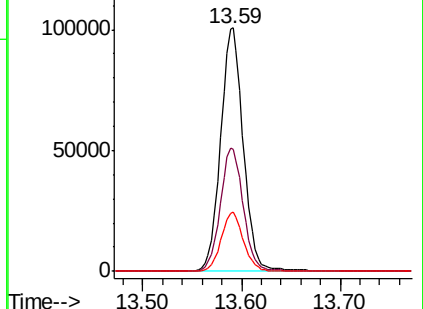
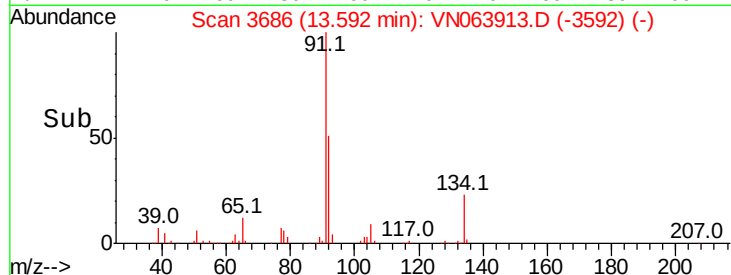


Abundance Ion 91.00 (90.70 to 91.70): VN063913.D (-3685) (-)

Ion 92.00 (91.70 to 92.70): VN063913.D (-3685) (-)

Ion 134.00 (133.70 to 134.70): VN063913.D (-3685) (-)

Time-->



#90

Hexachloroethane

Concen: 19.634 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063913.D

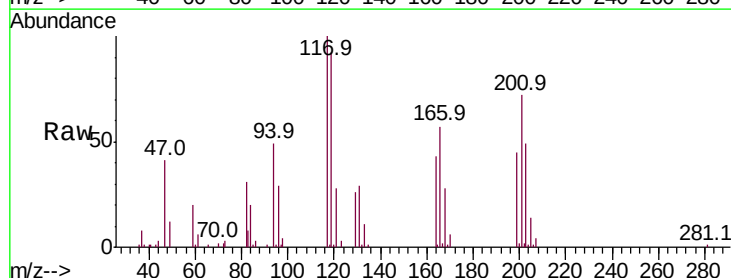
Acq: 7 Oct 2020 00:17

Tgt Ion: 117 Resp: 41473

Ion Ratio Lower Upper

117 100

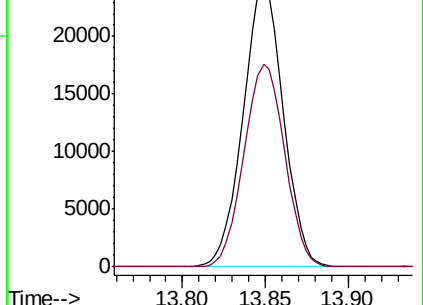
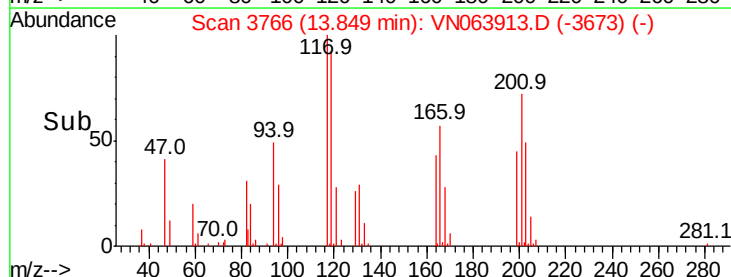
201 72.4 36.0 108.0

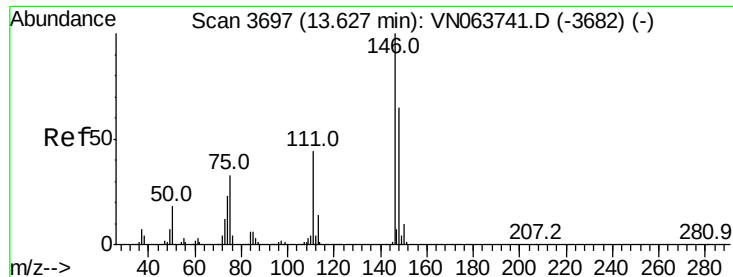


Abundance Ion 116.80 (116.50 to 117.50): VN063913.D (-3765) (-)

Ion 200.70 (200.40 to 201.40): VN063913.D (-3765) (-)

Time-->

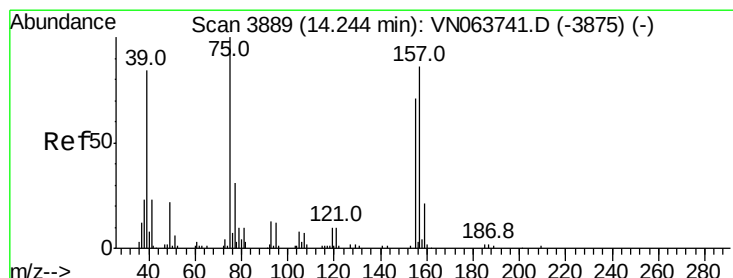
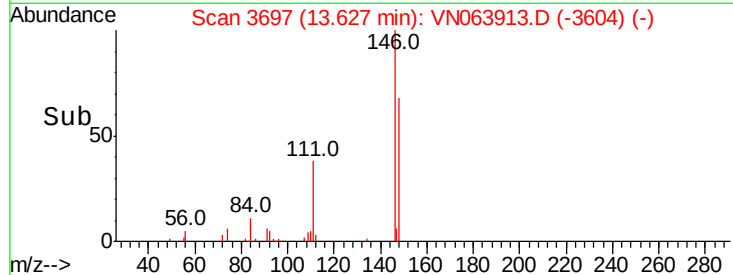
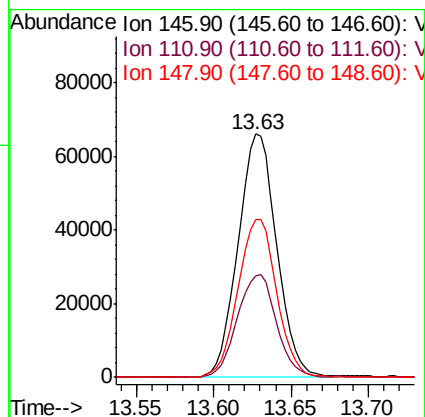
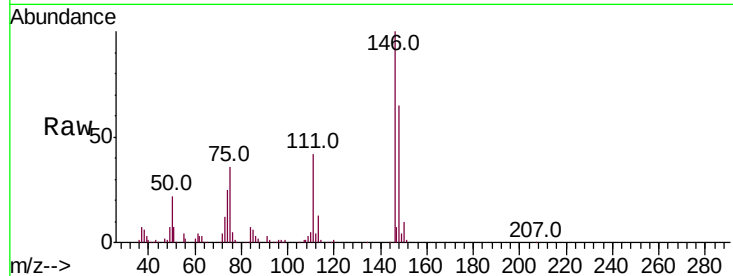




#91
 1,2-Dichlorobenzene
 Concen: 19.139 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

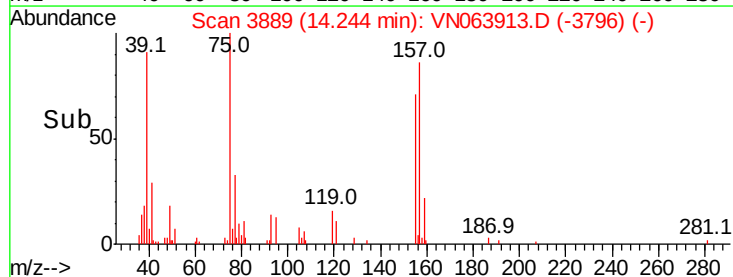
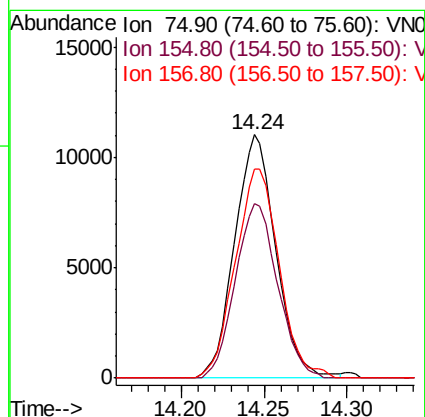
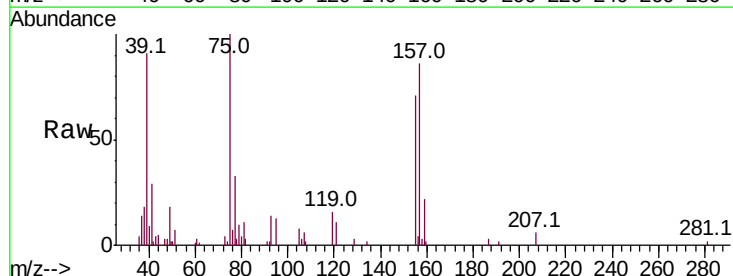
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBSD04

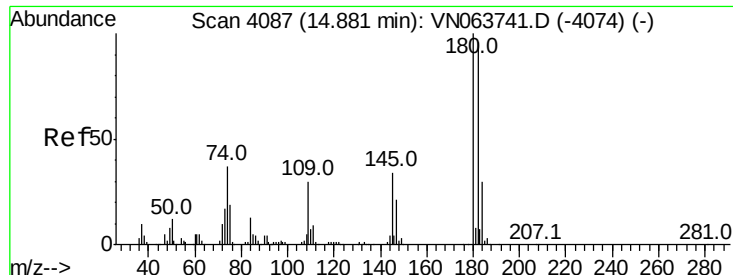
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	22.2	66.6
148	65.3	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.406 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063913.D
 Acq: 7 Oct 2020 00:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.6	34.8	104.5
157	91.1	43.7	131.1

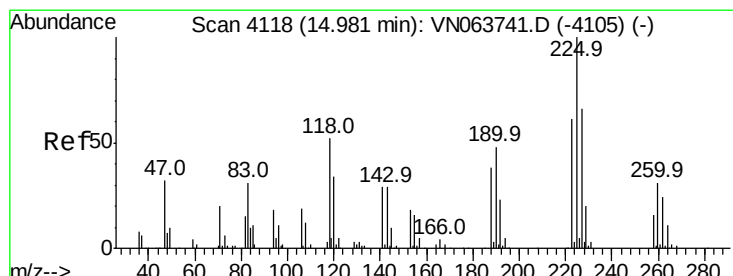
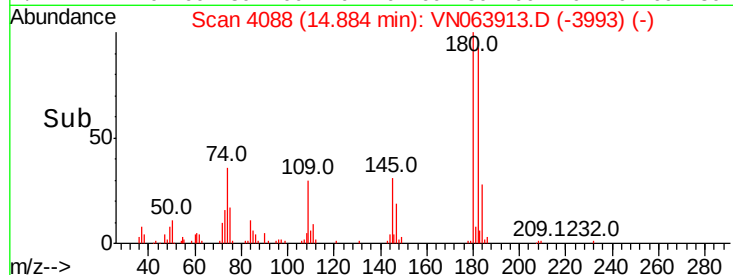
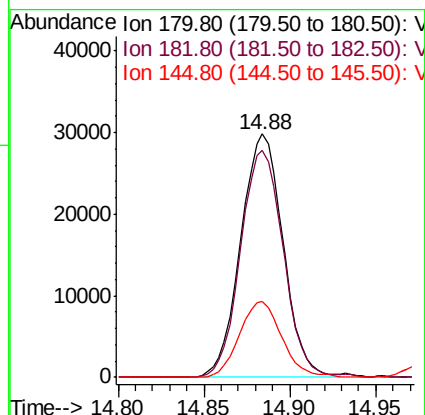
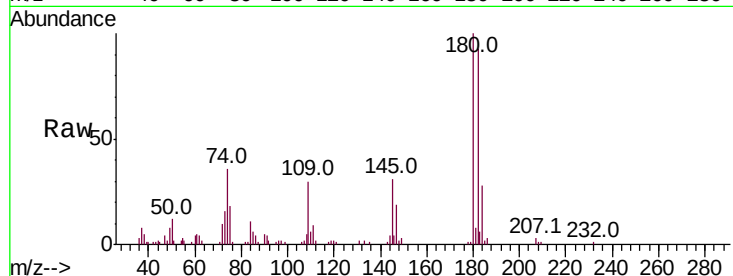




#93
1,2,4-Trichlorobenzene
Concen: 16.857 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

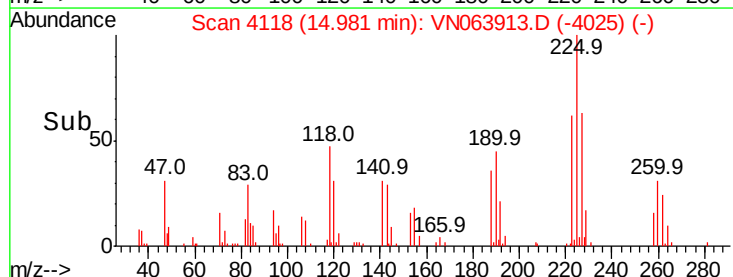
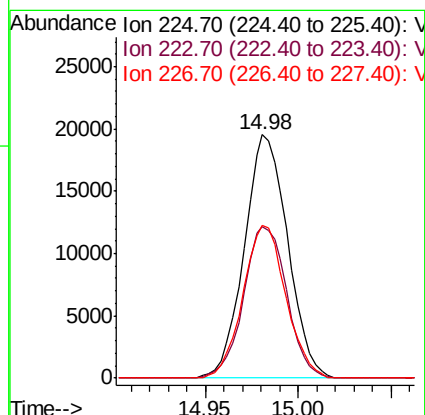
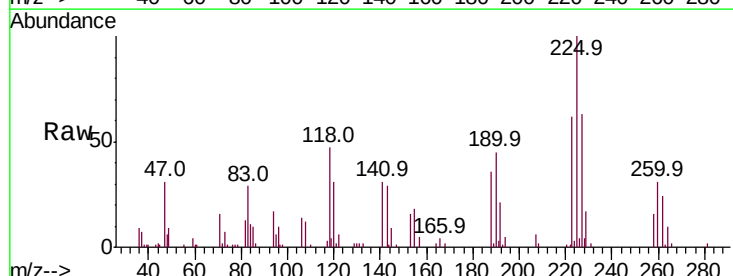
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBSD04

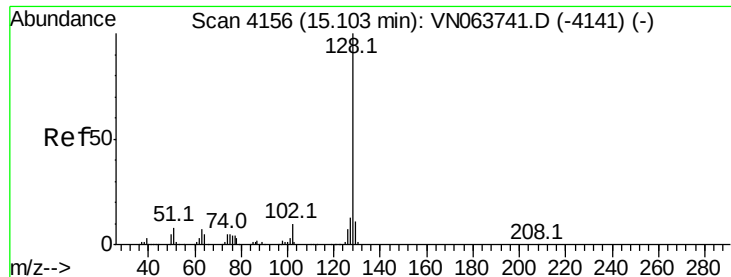
Tot Ion:180 Resp: 51201
Ion Ratio Lower Upper
180 100
182 93.9 48.2 144.6
145 31.0 17.1 51.2



#94
Hexachlorobutadiene
Concen: 19.574 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN063913.D
Acq: 7 Oct 2020 00:17

Tgt Ion:225 Resp: 31835
Ion Ratio Lower Upper
225 100
223 62.0 30.3 91.0
227 61.9 31.9 95.5





#95

Naphthalene

Concen: 17.070 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBSD04

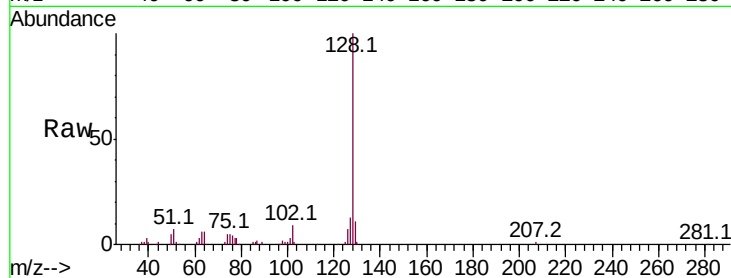
Tot Ion:128 Resp: 159301

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

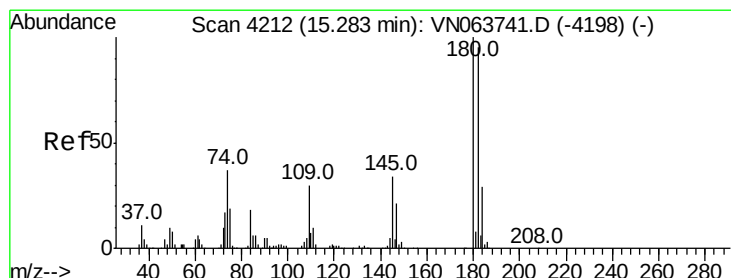
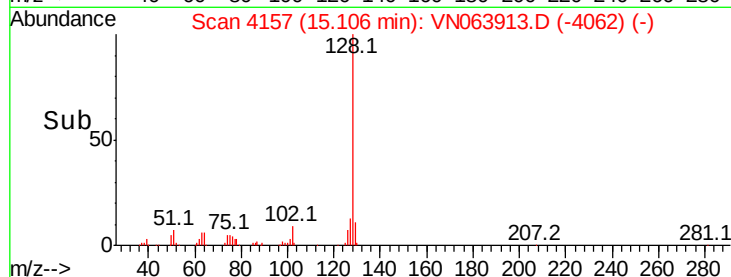
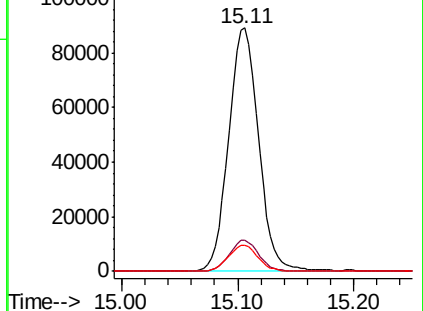
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.691 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063913.D

Acq: 7 Oct 2020 00:17

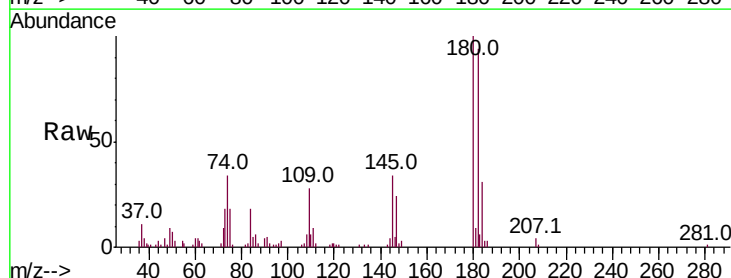
Tgt Ion:180 Resp: 49492

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.6

145 35.8 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

