

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063962.D
 Acq On : 8 Oct 2020 00:29
 Operator : JC/MD
 Sample : VN1007WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

Quant Time: Oct 08 05:08:03 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	267467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	441222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	419318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194283	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	218398	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
35) Dibromofluoromethane	7.55	113	150821	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
50) Toluene-d8	10.06	98	550044	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
62) 4-Bromofluorobenzene	12.38	95	201545	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47906	16.975	ug/l	94
3) Chloromethane	2.04	50	56377	17.025	ug/l	94
4) Vinyl Chloride	2.16	62	56147	16.891	ug/l	99
5) Bromomethane	2.53	94	33913	16.220	ug/l	100
6) Chloroethane	2.68	64	37746	19.003	ug/l	98
7) Trichlorofluoromethane	2.99	101	98266	18.640	ug/l	99
8) Diethyl Ether	3.37	74	33776	18.944	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51815	18.389	ug/l	98
10) Methyl Iodide	3.91	142	51819	15.838	ug/l	97
11) Tert butyl alcohol	4.73	59	51221	104.995	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	47787	17.743	ug/l	98
13) Acrolein	3.57	56	28491	95.157	ug/l	97
14) Allyl chloride	4.28	41	96580	19.302	ug/l	93
15) Acrylonitrile	4.94	53	141819	101.559	ug/l	99
16) Acetone	3.78	43	132606	97.488	ug/l	99
17) Carbon Disulfide	4.01	76	129219	18.203	ug/l	99
18) Methyl Acetate	4.28	43	71362	20.206	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	186701	19.080	ug/l	100
20) Methylene Chloride	4.51	84	64087	20.627	ug/l	89
21) trans-1,2-Dichloroethene	4.99	96	54181	17.960	ug/l	95
22) Diisopropyl ether	5.90	45	214824	20.867	ug/l	97
23) Vinyl Acetate	5.85	43	835619	97.988	ug/l	99
24) 1,1-Dichloroethane	5.80	63	115036	19.543	ug/l	98
25) 2-Butanone	6.78	43	201069	104.263	ug/l	98
26) 2,2-Dichloropropane	6.78	77	76927	14.271	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	64092	18.472	ug/l	97
28) Bromochloromethane	7.15	49	56277	19.344	ug/l	99
29) Tetrahydrofuran	7.16	42	134566	104.039	ug/l	96
30) Chloroform	7.33	83	121030	19.720	ug/l	93
31) Cyclohexane	7.62	56	93814	18.288	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	104549	18.886	ug/l	97
36) 1,1-Dichloropropene	7.75	75	81625	18.261	ug/l	99
37) Ethyl Acetate	6.88	43	84256	18.972	ug/l	99
38) Carbon Tetrachloride	7.74	117	90344	18.024	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	73037	16.385	ug/l	99
40) Benzene	8.01	78	240548	18.841	ug/l	99
41) Methacrylonitrile	7.13	41	36345	18.414	ug/l #	88
42) 1,2-Dichloroethane	8.09	62	102650	18.835	ug/l	99
43) Isopropyl Acetate	8.13	43	146963	20.063	ug/l	99
44) Trichloroethene	8.80	130	60069	17.957	ug/l	99
45) 1,2-Dichloropropane	9.09	63	67597	19.604	ug/l	99
46) Dibromomethane	9.18	93	44335	18.639	ug/l	99
47) Bromodichloromethane	9.37	83	93826	19.139	ug/l	97
48) Methyl methacrylate	9.17	41	72669	20.079	ug/l	90
49) 1,4-Dioxane	9.17	88	18205	353.935	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	440091	102.375	ug/l	100
52) Toluene	10.13	92	149487	18.929	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	95115	18.100	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	101227	18.419	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	61681	19.476	ug/l	98
56) Ethyl methacrylate	10.40	69	85513	19.049	ug/l	97
57) 1,3-Dichloropropane	10.68	76	107968	20.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	228432	95.129	ug/l	98
59) 2-Hexanone	10.72	43	317946	99.563	ug/l	97
60) Dibromochloromethane	10.87	129	69625	18.877	ug/l	98
61) 1,2-Dibromoethane	10.98	107	61391	18.950	ug/l	98
64) Tetrachloroethene	10.60	164	59022	18.193	ug/l	97
65) Chlorobenzene	11.41	112	158579	18.436	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	61609	18.683	ug/l	96
67) Ethyl Benzene	11.49	91	281343	17.975	ug/l	99
68) m/p-Xylenes	11.60	106	210842	36.144	ug/l	100
69) o-Xylene	11.92	106	99659	18.279	ug/l	98
70) Styrene	11.94	104	168186	18.172	ug/l	100
71) Bromoform	12.10	173	46582	18.470	ug/l #	97
73) Isopropylbenzene	12.23	105	265668	18.747	ug/l	100
74) N-amyl acetate	12.05	43	115509	18.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	85322	19.690	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	116480	27.197	ug/l #	100
77) Bromobenzene	12.50	156	68411	19.674	ug/l	97
78) n-propylbenzene	12.57	91	296029	17.950	ug/l	100
79) 2-Chlorotoluene	12.65	91	189982	18.731	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	222551	18.720	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	25198	16.946	ug/l	95
82) 4-Chlorotoluene	12.75	91	198708	18.872	ug/l	100
83) tert-Butylbenzene	12.97	119	181845	18.699	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	219617	18.502	ug/l	95
85) sec-Butylbenzene	13.15	105	231748	18.144	ug/l	100
86) p-Isopropyltoluene	13.26	119	208120	18.419	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	117640	18.701	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	115082	17.570	ug/l	98
89) n-Butylbenzene	13.59	91	166655	15.980	ug/l	100
90) Hexachloroethane	13.85	117	40113	18.320	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	115333	18.510	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18539	18.243	ug/l	96

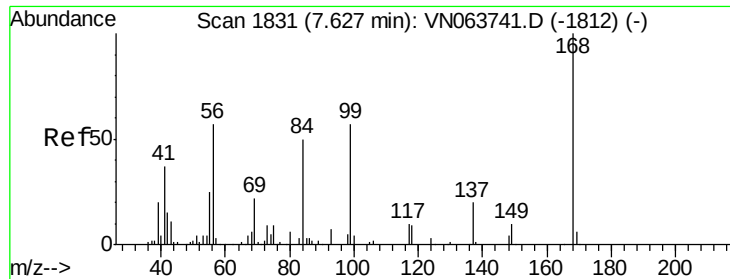
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	51910	16.526	ug/l	98
94) Hexachlorobutadiene	14.98	225	31840	18.889	ug/l	97
95) Naphthalene	15.10	128	150214	15.702	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	51181	16.655	ug/l	98

(#) = 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: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

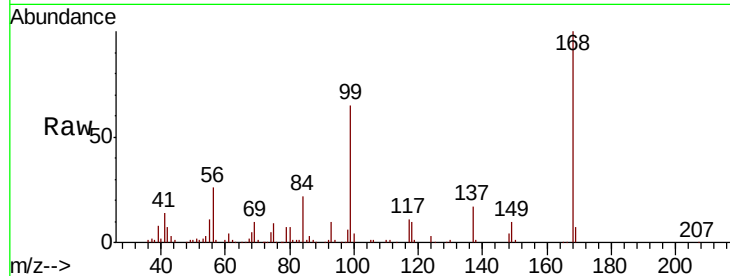
VN1007WBS02

Tot Ion:168 Resp: 267467

Ion Ratio Lower Upper

168 100

99 64.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

120000

100000

80000

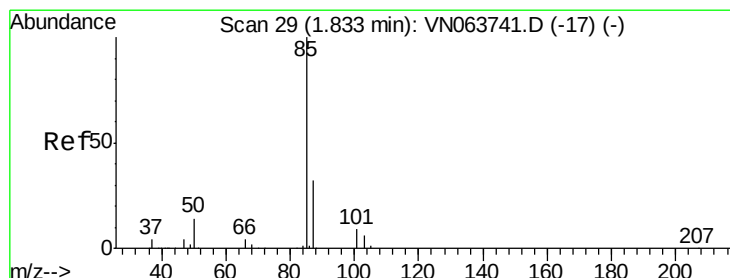
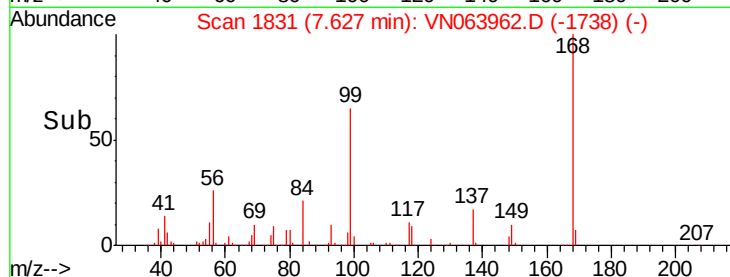
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 16.975 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063962.D

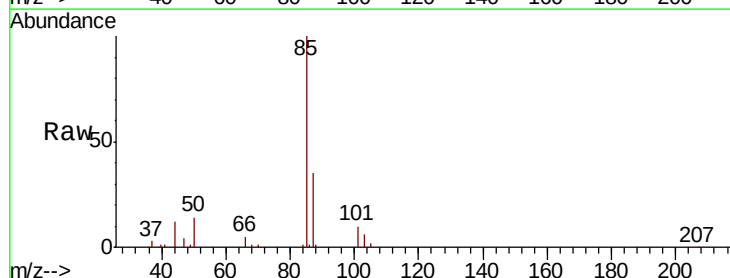
Acq: 8 Oct 2020 00:29

Tgt Ion: 85 Resp: 47906

Ion Ratio Lower Upper

85 100

87 35.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

40000

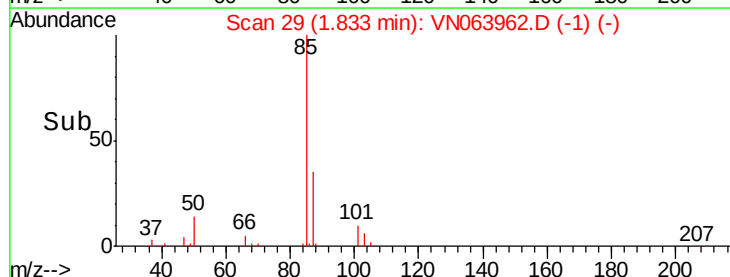
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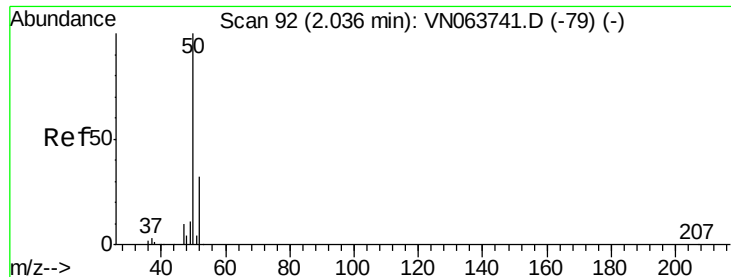
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.025 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

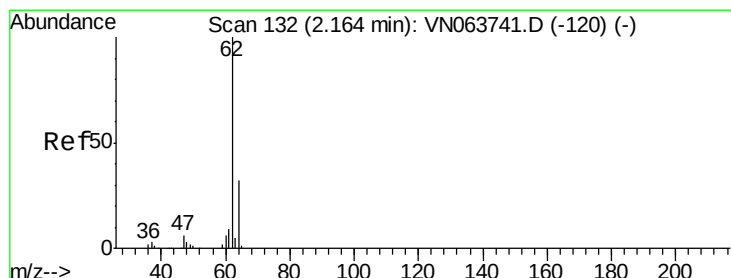
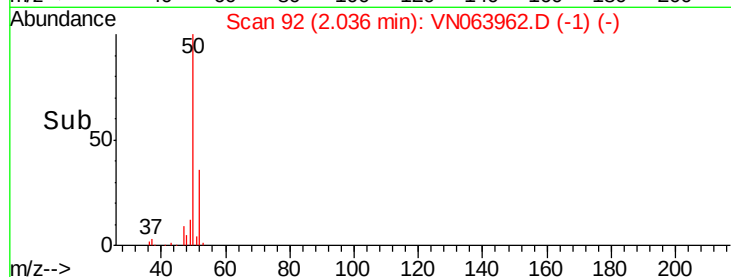
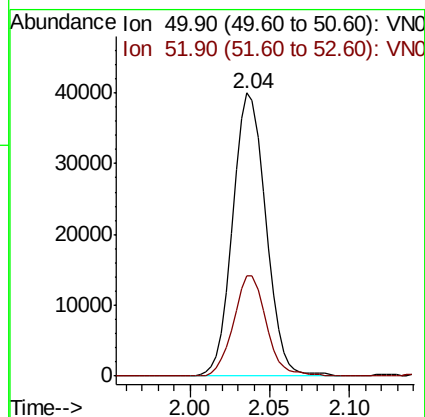
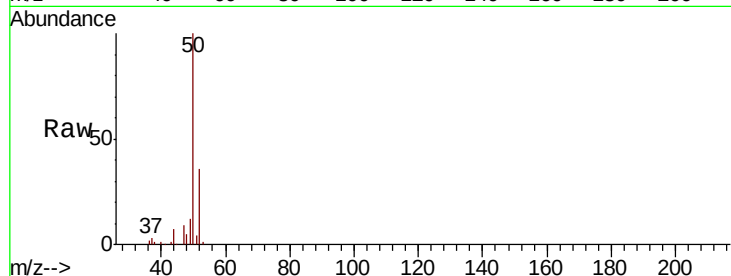
VN1007WBS02

Tot Ion: 50 Resp: 56377

Ion Ratio Lower Upper

50 100

52 35.6 25.8 38.8



#4

Vinyl Chloride

Concen: 16.891 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063962.D

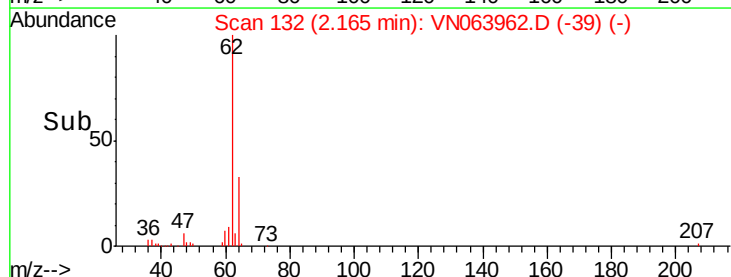
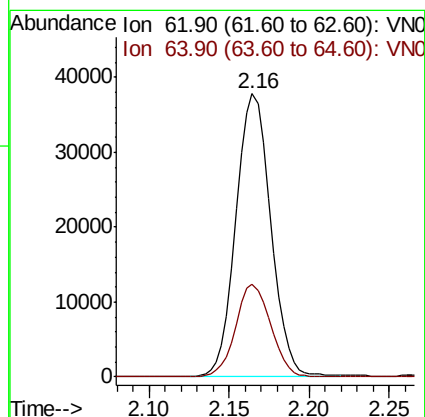
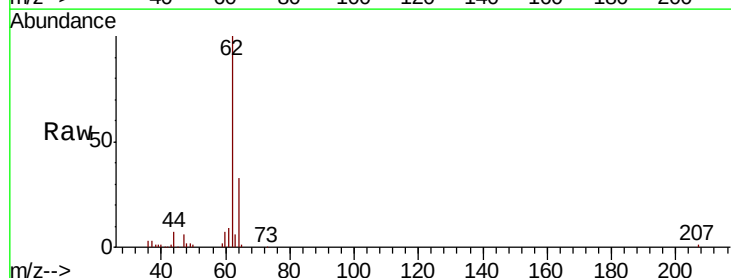
Acq: 8 Oct 2020 00:29

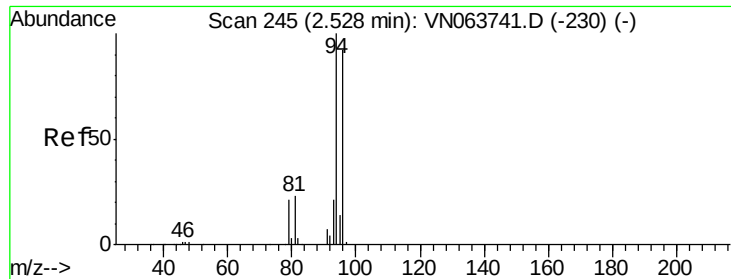
Tgt Ion: 62 Resp: 56147

Ion Ratio Lower Upper

62 100

64 32.7 25.6 38.4





#5

Bromomethane

Concen: 16.220 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

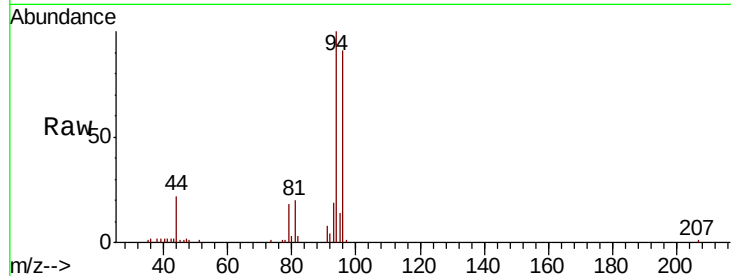
VN1007WBS02

Tot Ion: 94 Resp: 33913

Ion Ratio Lower Upper

94 100

96 91.4 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN063962.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN063962.D (-152) (-)

2.53

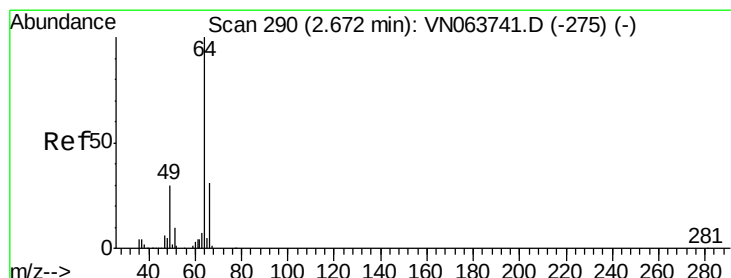
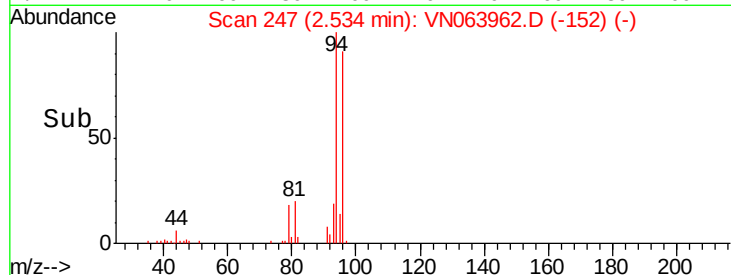
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.003 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063962.D

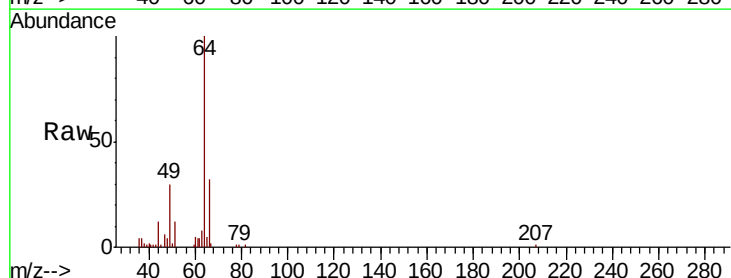
Acq: 8 Oct 2020 00:29

Tgt Ion: 64 Resp: 37746

Ion Ratio Lower Upper

64 100

66 32.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN063962.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN063962.D (-197) (-)

2.68

20000

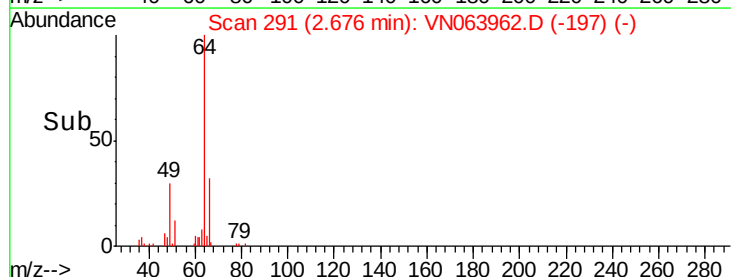
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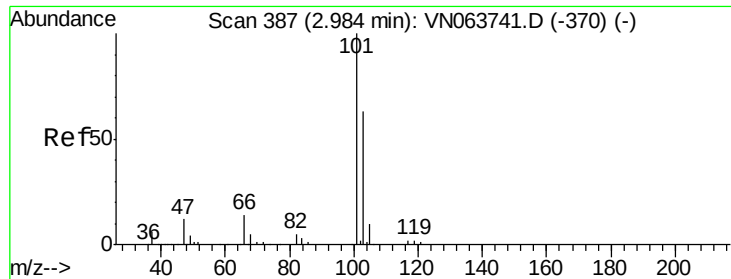
10000

5000

0

Time-->



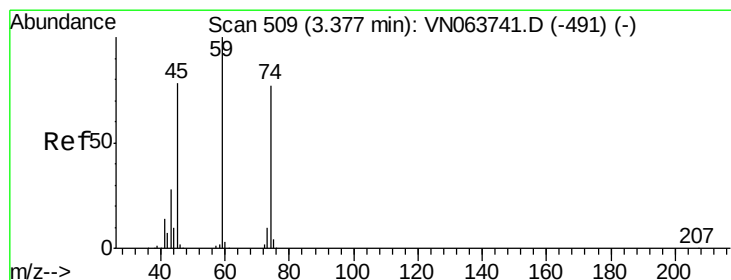
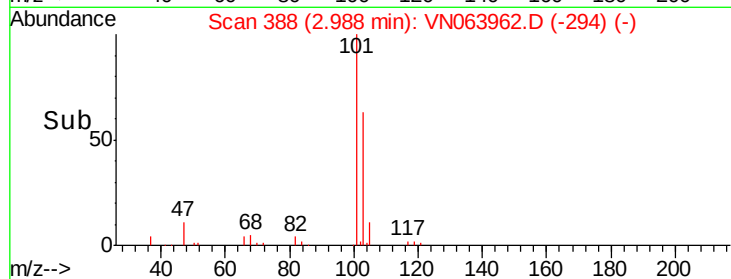
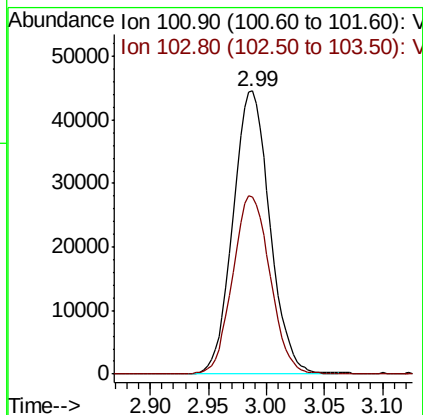
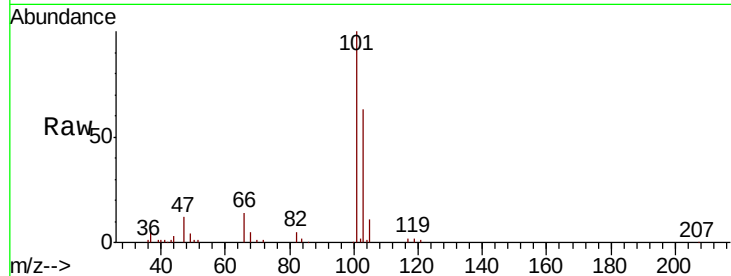


#7

Trichlorofluoromethane
 Concen: 18.640 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

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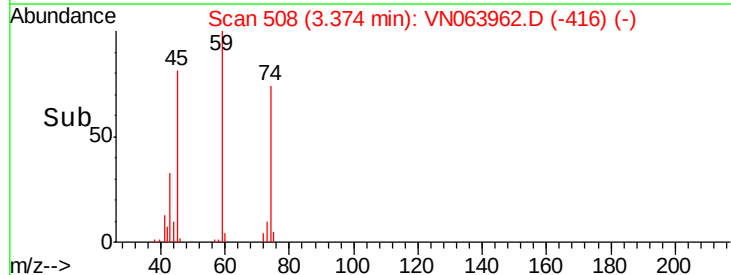
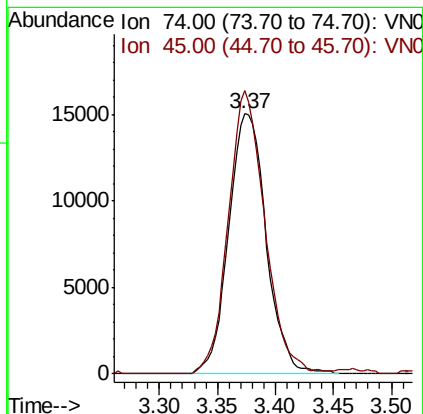
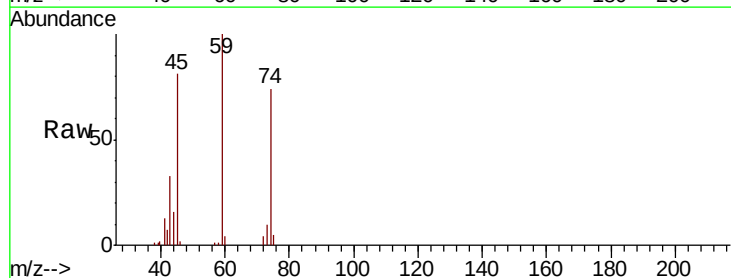
Tot Ion:101 Resp: 98266
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.7 76.1

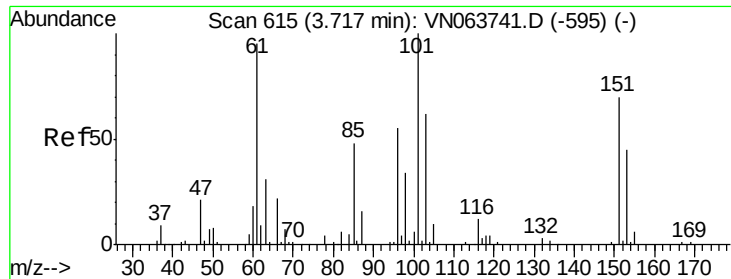


#8

Diethyl Ether
 Concen: 18.944 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion: 74 Resp: 33776
 Ion Ratio Lower Upper
 74 100
 45 105.5 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.389 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

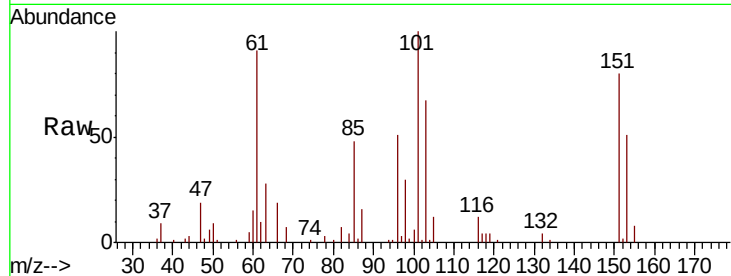
Tot Ion:101 Resp: 51815

Ion Ratio Lower Upper

101 100

85 45.8 38.6 58.0

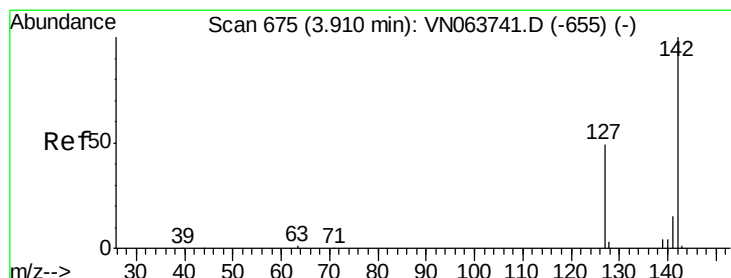
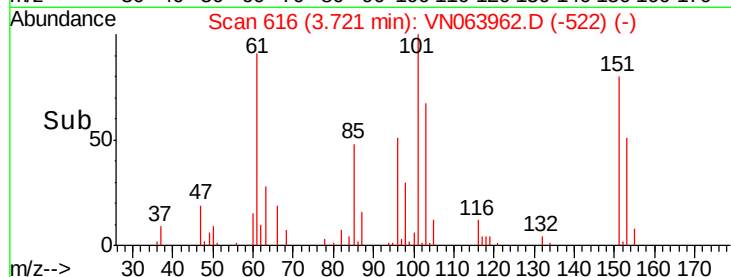
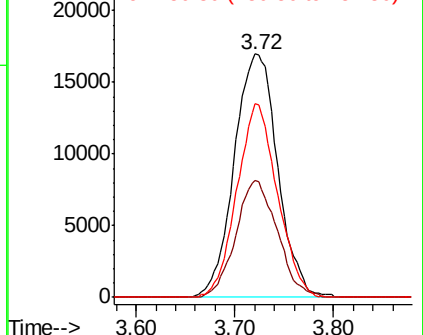
151 74.0 58.7 88.1



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: 15.838 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

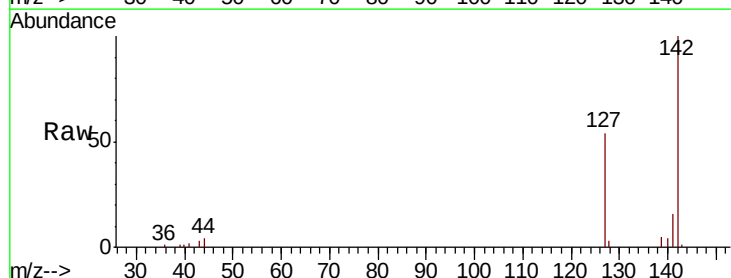
Tgt Ion:142 Resp: 51819

Ion Ratio Lower Upper

142 100

127 53.1 40.5 60.7

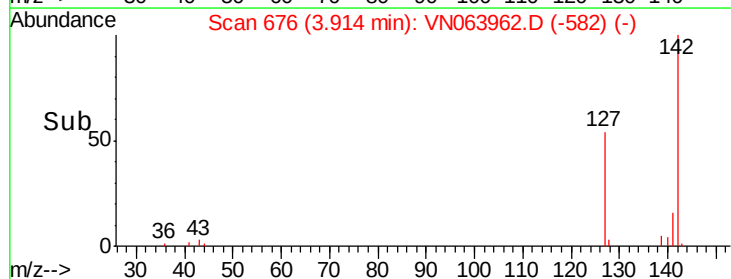
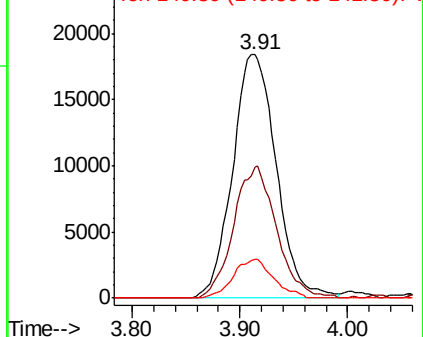
141 14.7 11.7 17.5

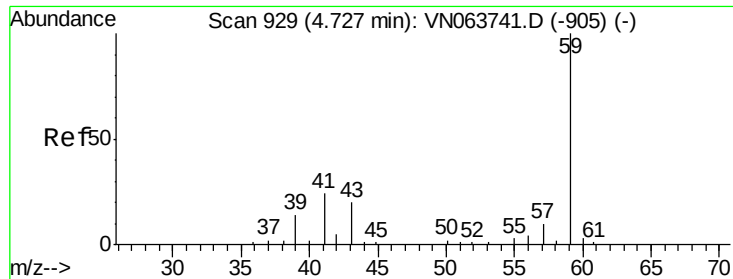


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



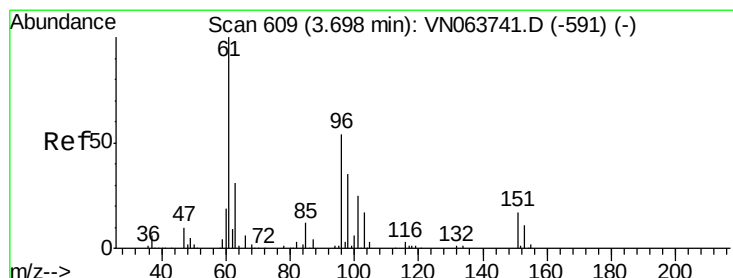
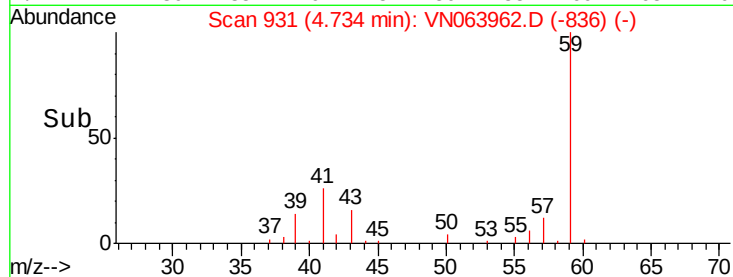
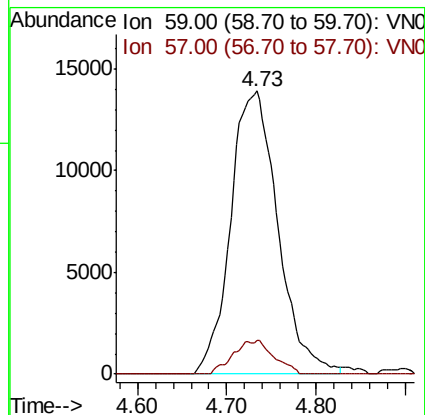
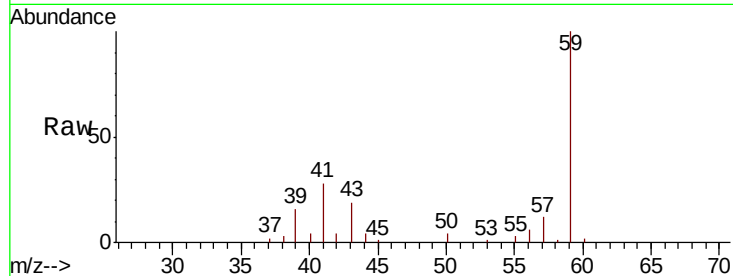


#11

Tert butyl alcohol
 Concen: 104.995 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

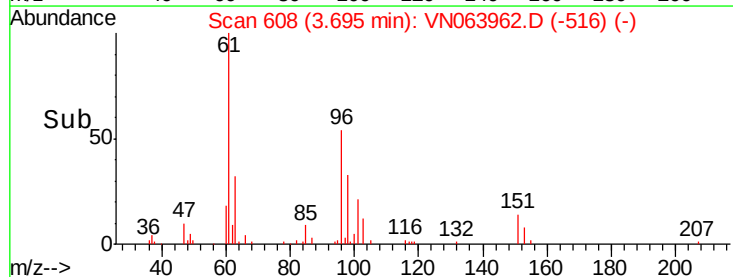
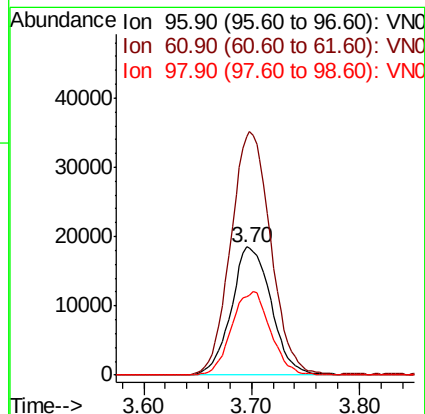
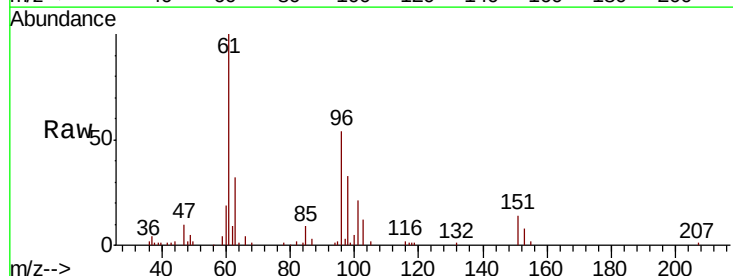
Tot Ion: 59 Resp: 51221
 Ion Ratio Lower Upper
 59 100
 57 4.8 8.7 13.1#

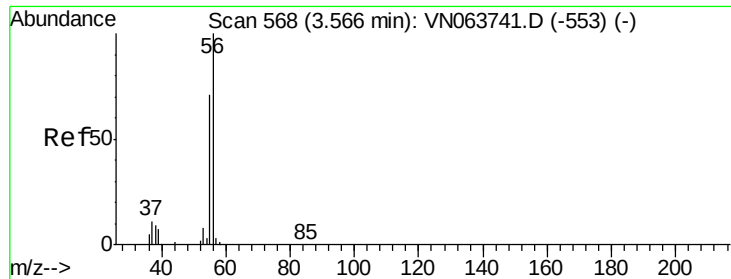


#12

1,1-Dichloroethene
 Concen: 17.743 ug/l
 RT: 3.70 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion: 96 Resp: 47787
 Ion Ratio Lower Upper
 96 100
 61 186.3 147.7 221.5
 98 61.0 51.9 77.9





#13

Acrolein

Concen: 95.157 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

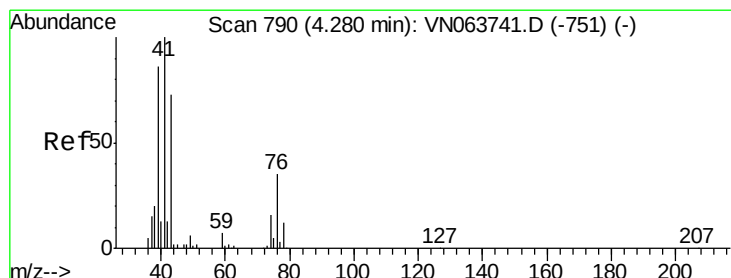
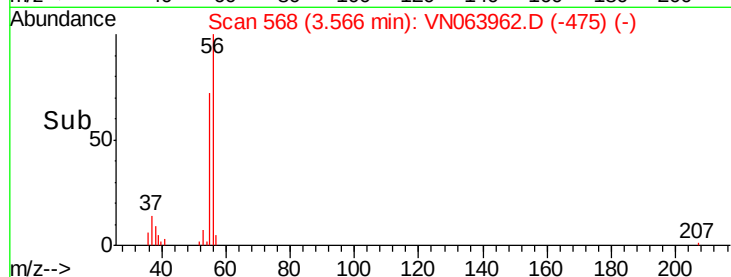
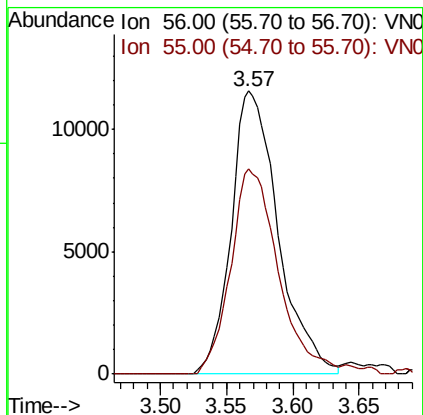
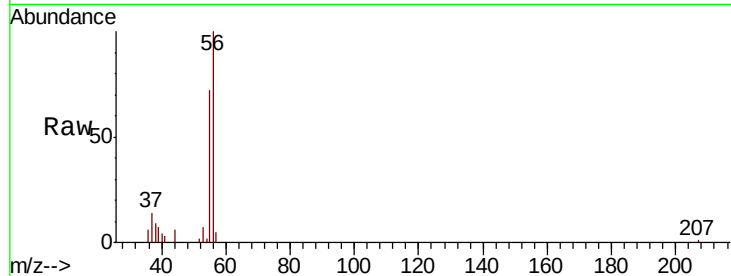
VN1007WBS02

Tot Ion: 56 Resp: 28491

Ion Ratio Lower Upper

56 100

55 73.4 56.9 85.3



#14

Allyl chloride

Concen: 19.302 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

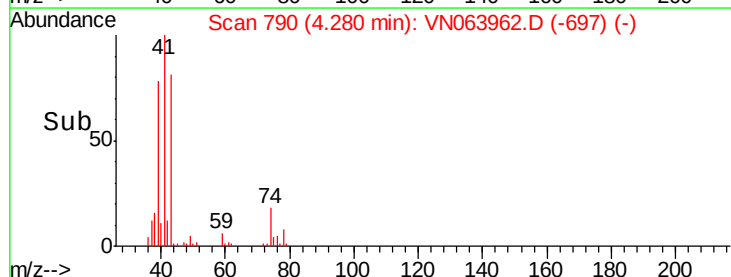
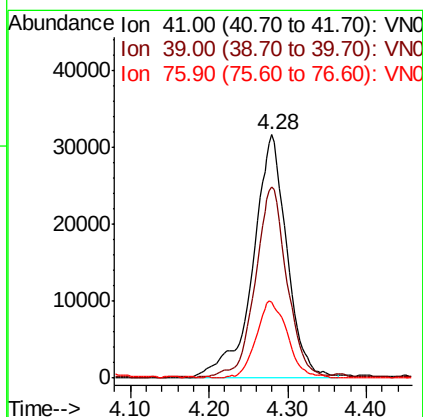
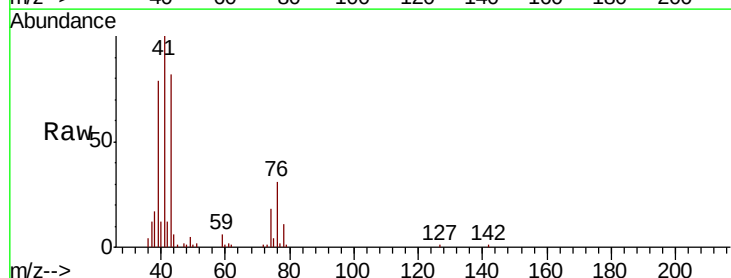
Tgt Ion: 41 Resp: 96580

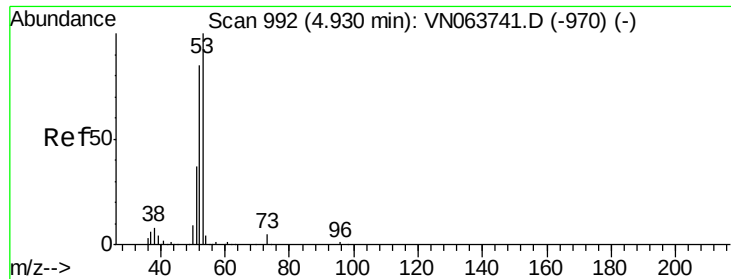
Ion Ratio Lower Upper

41 100

39 73.9 64.5 96.7

76 29.4 25.9 38.9





#15

Acrylonitrile

Concen: 101.559 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

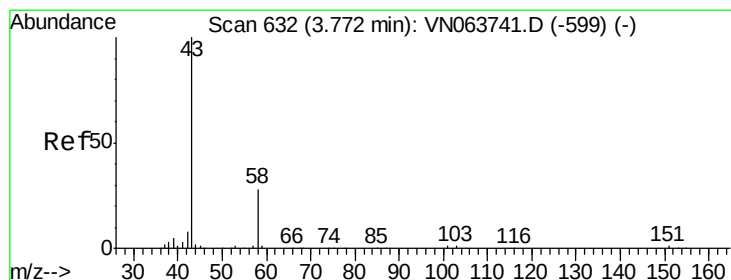
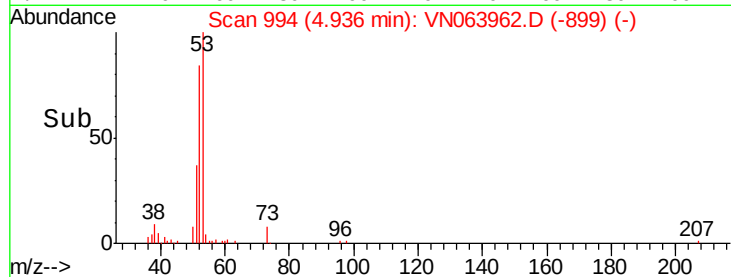
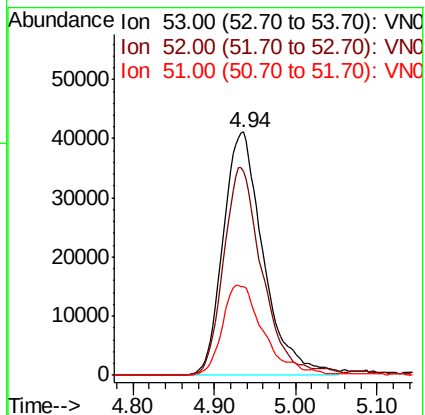
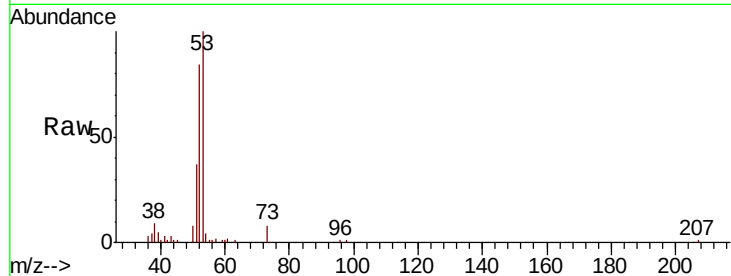
Tot Ion: 53 Resp: 141819

Ion Ratio Lower Upper

53 100

52 81.9 66.5 99.7

51 37.2 29.9 44.9



#16

Acetone

Concen: 97.488 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063962.D

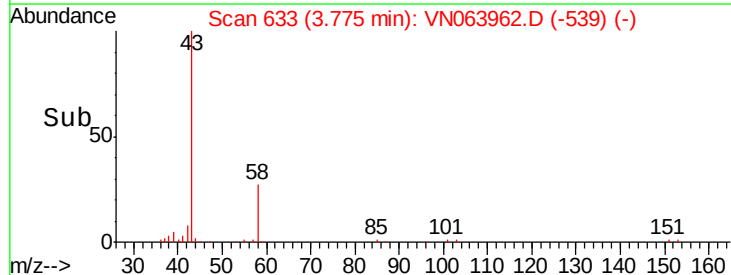
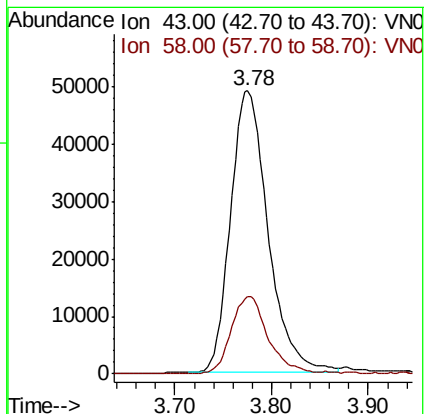
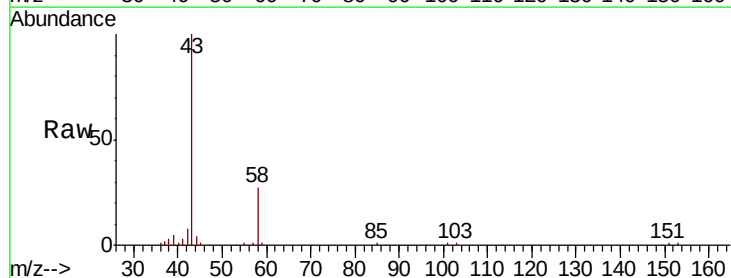
Acq: 8 Oct 2020 00:29

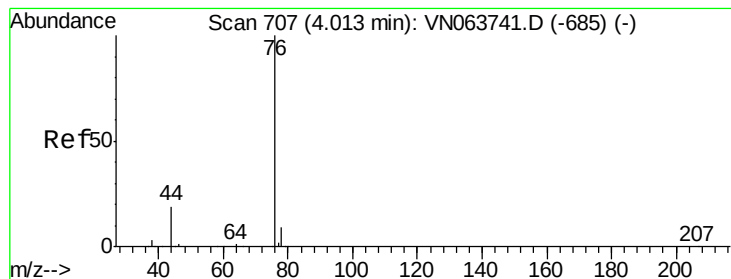
Tgt Ion: 43 Resp: 132606

Ion Ratio Lower Upper

43 100

58 27.3 22.3 33.5





#17

Carbon Disulfide

Concen: 18.203 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

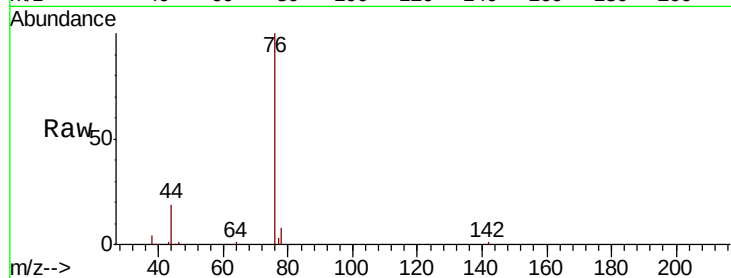
VN1007WBS02

Tot Ion: 76 Resp: 129219

Ion Ratio Lower Upper

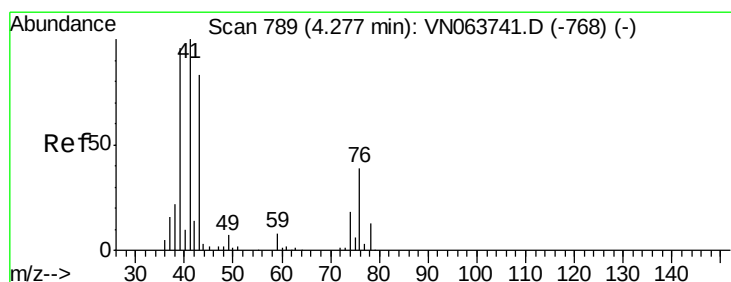
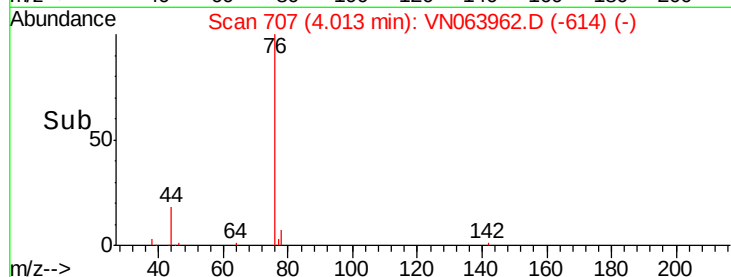
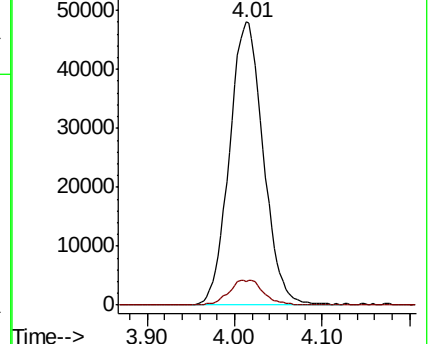
76 100

78 8.5 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN063741.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063741.D (-685) (-)



#18

Methyl Acetate

Concen: 20.206 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063962.D

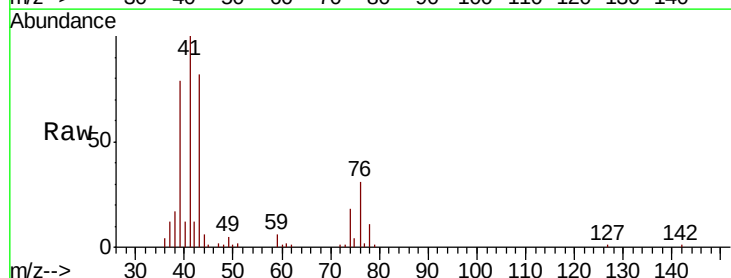
Acq: 8 Oct 2020 00:29

Tgt Ion: 43 Resp: 71362

Ion Ratio Lower Upper

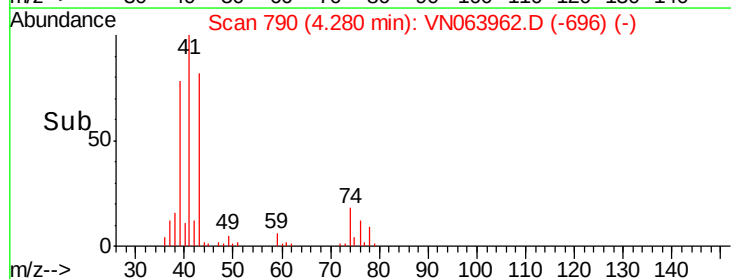
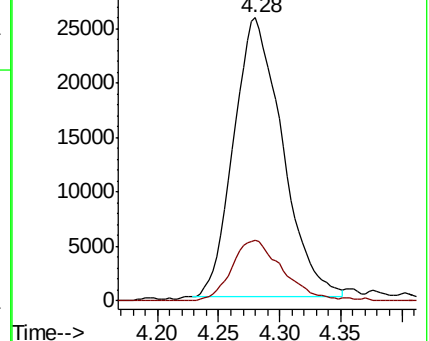
43 100

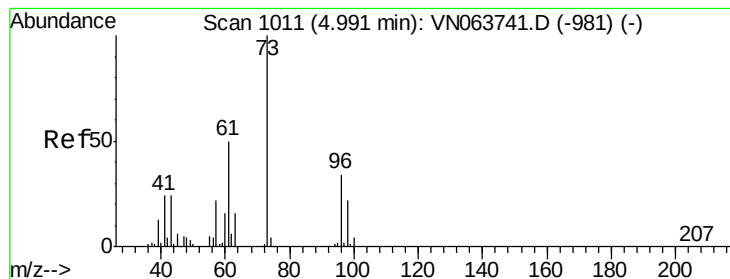
74 22.5 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-768) (-)

Ion 74.00 (73.70 to 74.70): VN063741.D (-768) (-)



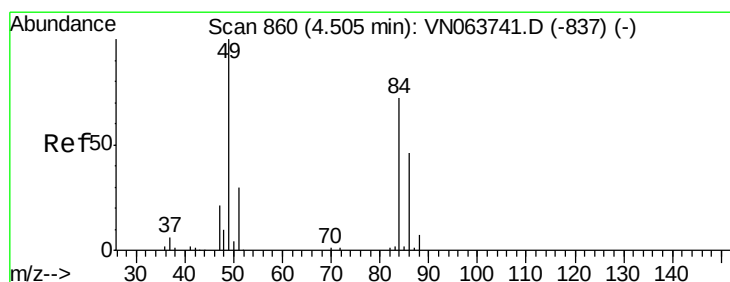
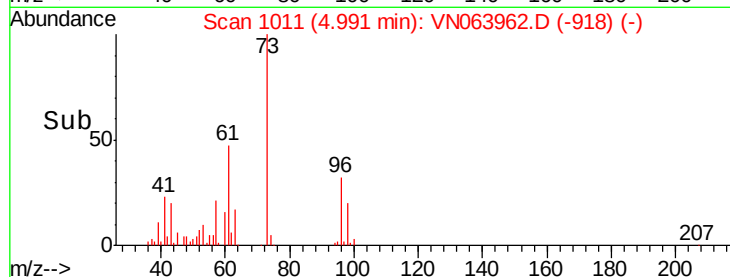
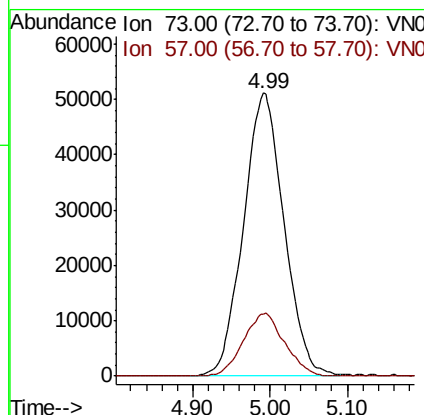
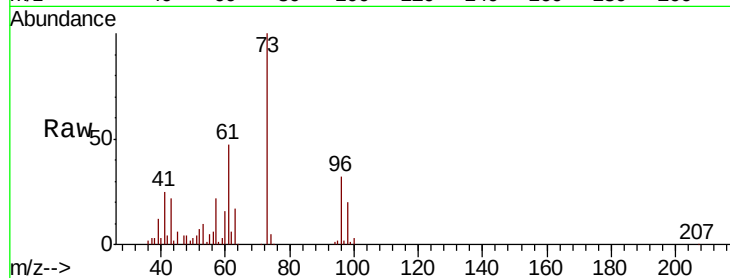


#19

Methvl tert-butvl Ether
 Concen: 19.080 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

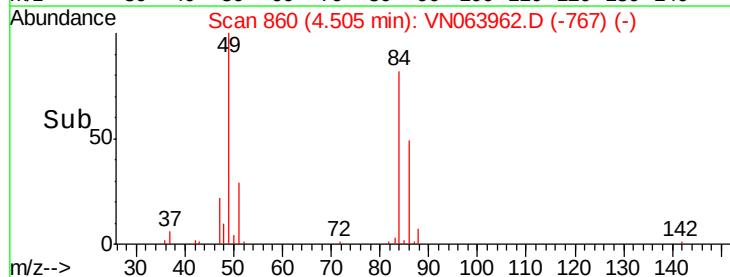
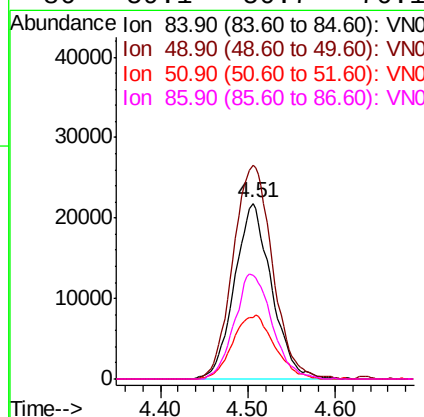
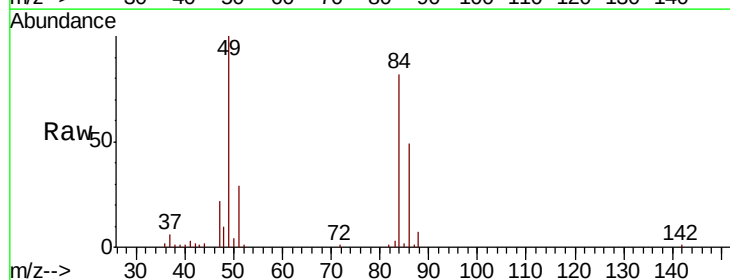
Tot Ion: 73 Resp: 186701
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.6 26.4

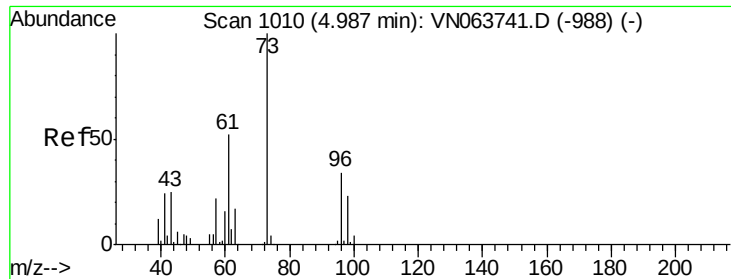


#20

Methylene Chloride
 Concen: 20.627 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion: 84 Resp: 64087
 Ion Ratio Lower Upper
 84 100
 49 121.4 110.4 165.6
 51 35.3 33.3 49.9
 86 59.1 50.7 76.1



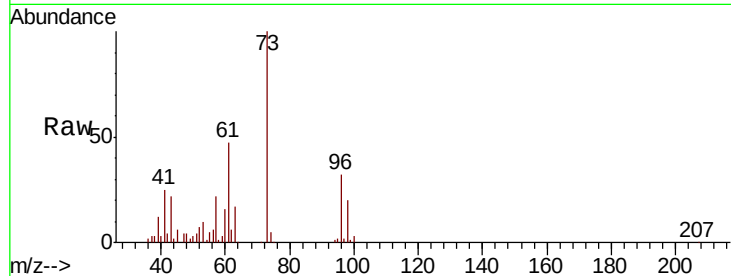


#21

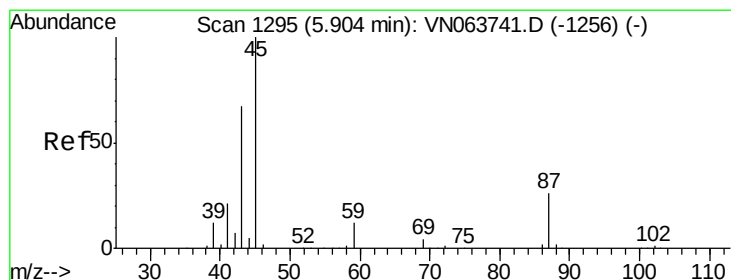
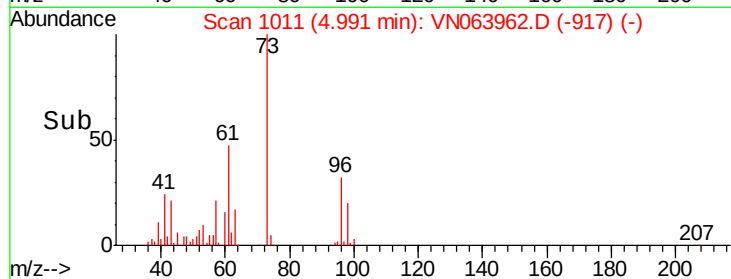
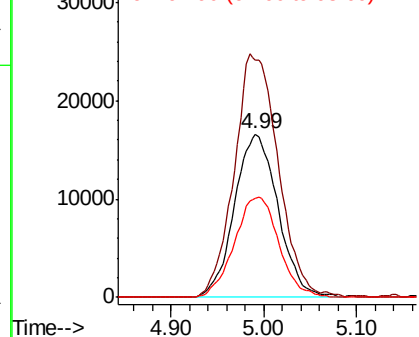
trans-1,2-Dichloroethene
Concen: 17.960 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion: 96 Resp: 54181
Ion Ratio Lower Upper
96 100
61 145.2 120.2 180.2
98 60.6 52.6 79.0



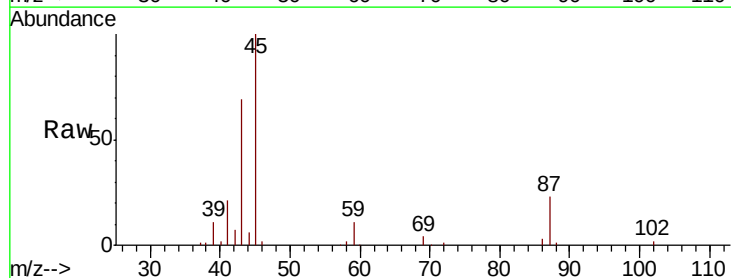
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



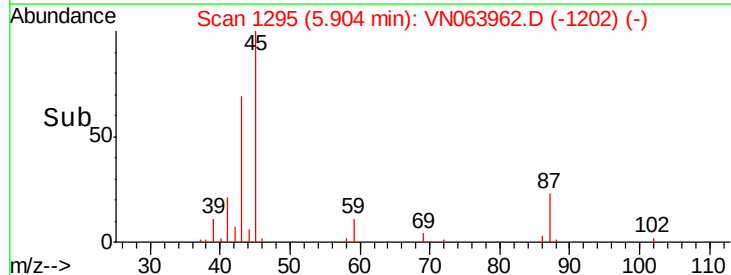
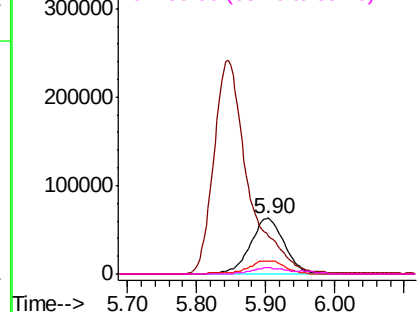
#22

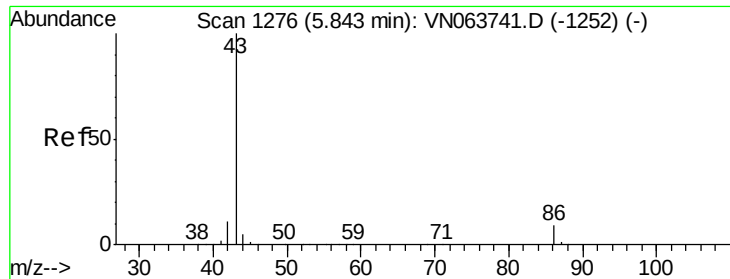
Diisopropyl ether
Concen: 20.867 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion: 45 Resp: 214824
Ion Ratio Lower Upper
45 100
43 66.2 53.7 80.5
87 23.1 21.1 31.7
59 11.0 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

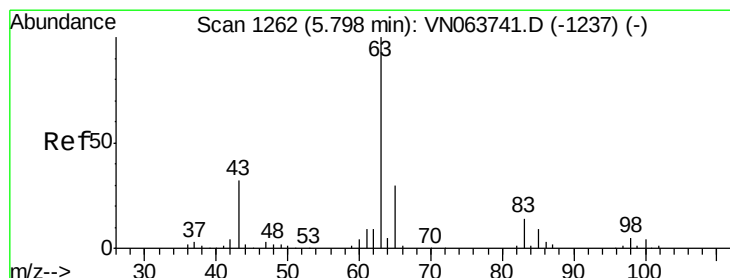
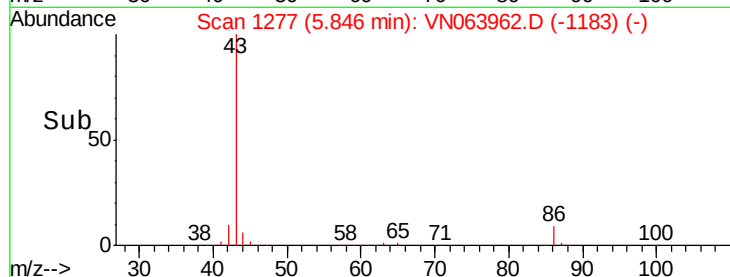
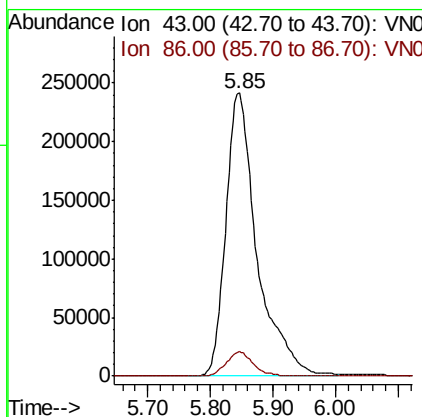
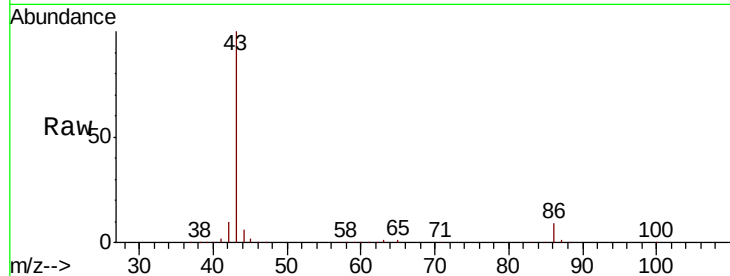




#23
 Vinyl Acetate
 Concen: 97.988 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

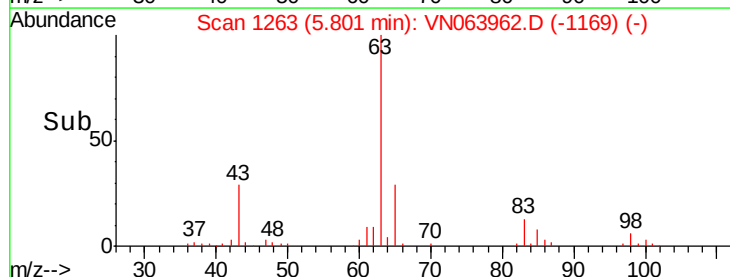
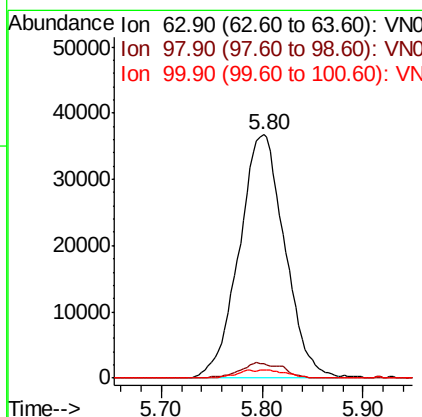
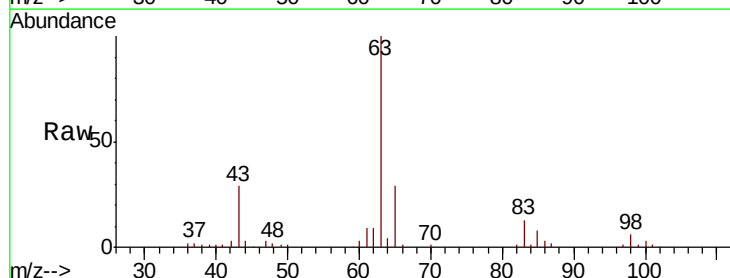
Instrument :
 MSVOA_N
 ClientSampled :
 VN1007WBS02

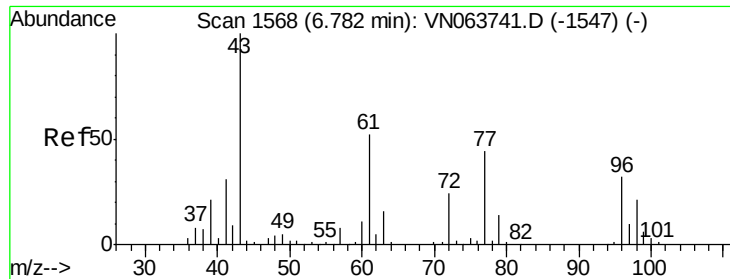
Tot Ion: 43 Resp: 835619
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 19.543 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion: 63 Resp: 115036
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.7 8.1
 100 3.3 1.9 5.7





#25

2-Butanone

Concen: 104.263 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

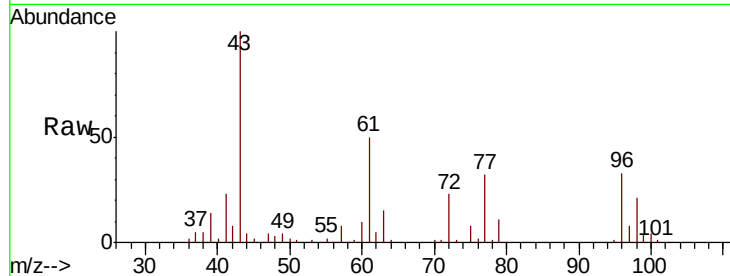
Instrument :
MSVOA_N
ClientSampled :
VN1007WBS02

Tot Ion: 43 Resp: 201069

Ion Ratio Lower Upper

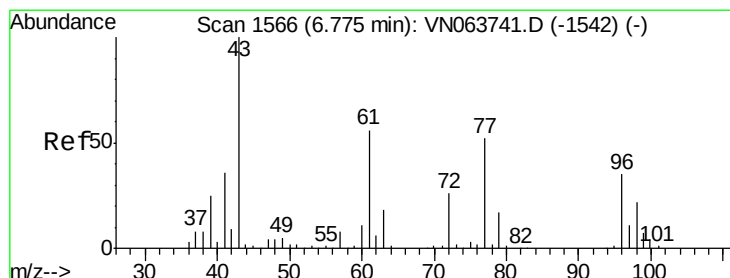
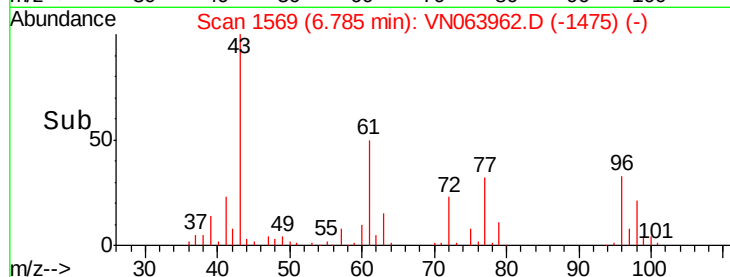
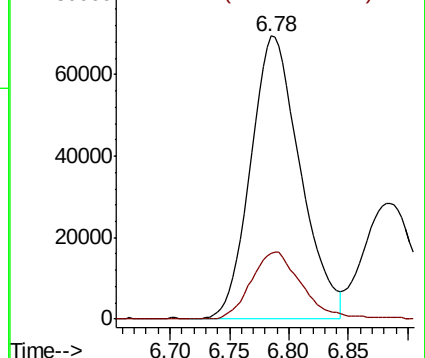
43 100

72 23.2 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN063741.D (-1547) (-)



#26

2,2-Dichloropropane

Concen: 14.271 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063962.D

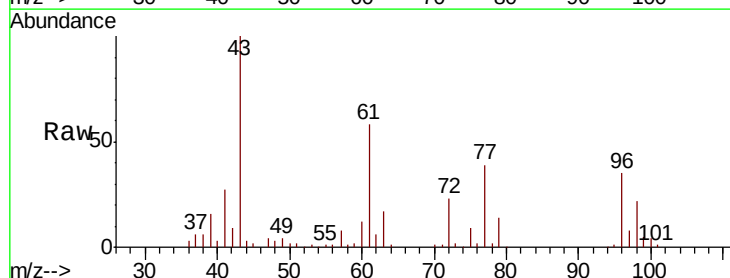
Acq: 8 Oct 2020 00:29

Tgt Ion: 77 Resp: 76927

Ion Ratio Lower Upper

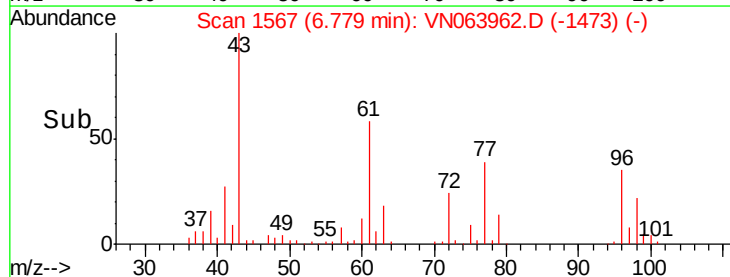
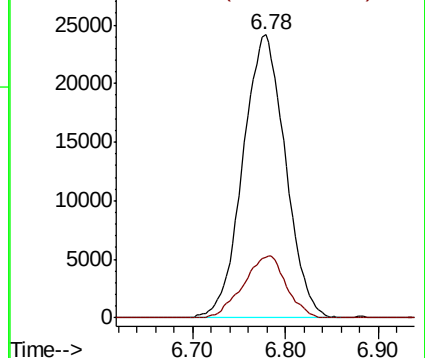
77 100

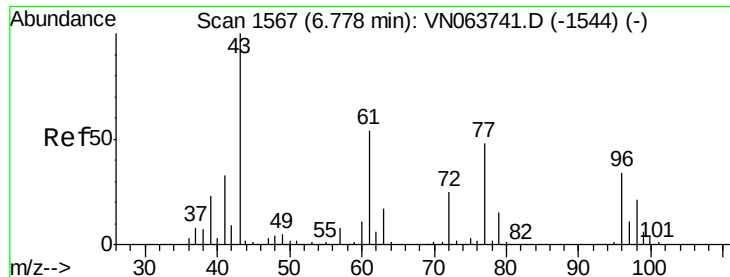
97 22.0 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN063962.D (-1473) (-)

Ion 96.90 (96.60 to 97.60): VN063962.D (-1473) (-)





#27

cis-1,2-Dichloroethene

Concen: 18.472 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

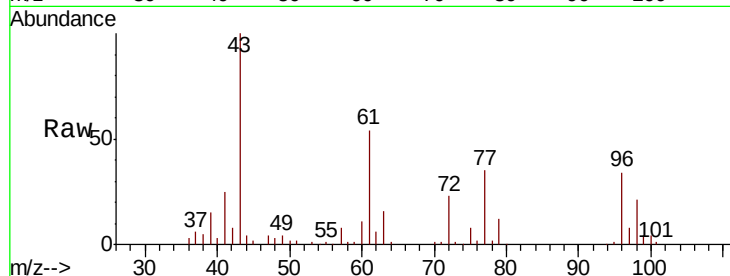
Tot Ion: 96 Resp: 64092

Ion Ratio Lower Upper

96 100

61 158.6 0.0 321.2

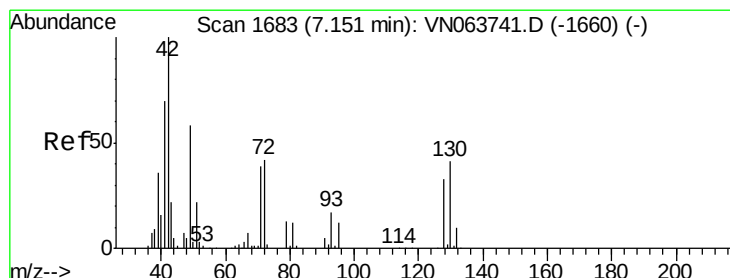
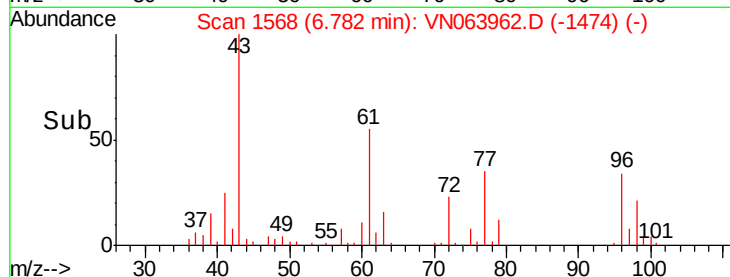
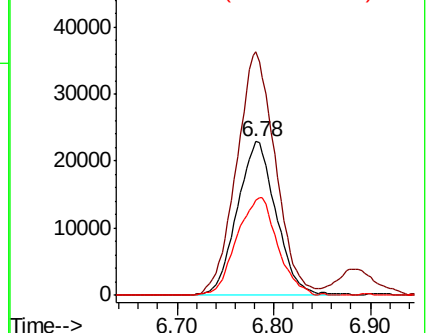
98 66.4 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1544) (-)



#28

Bromochloromethane

Concen: 19.344 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

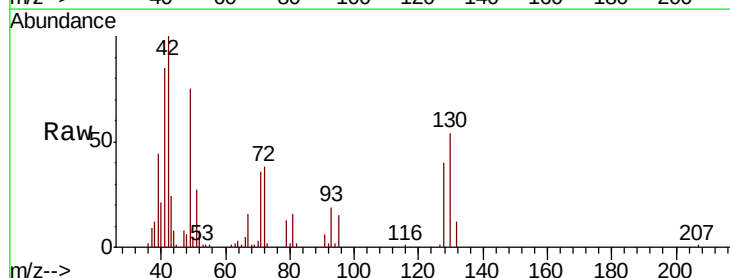
Tgt Ion: 49 Resp: 56277

Ion Ratio Lower Upper

49 100

129 0.6 0.0 4.8

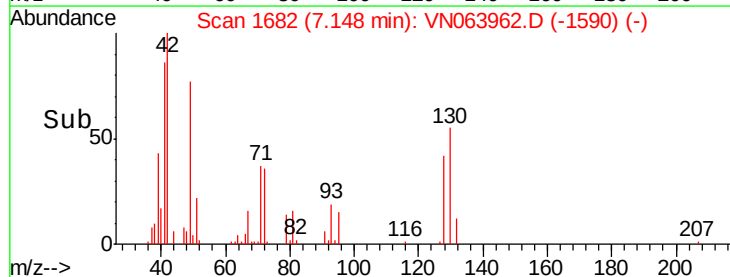
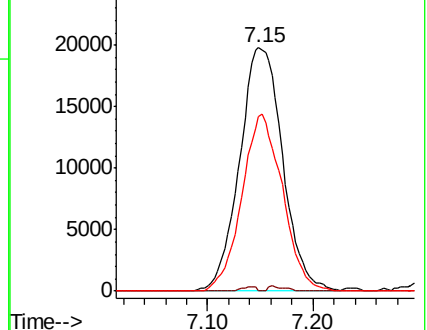
130 68.5 55.6 83.4

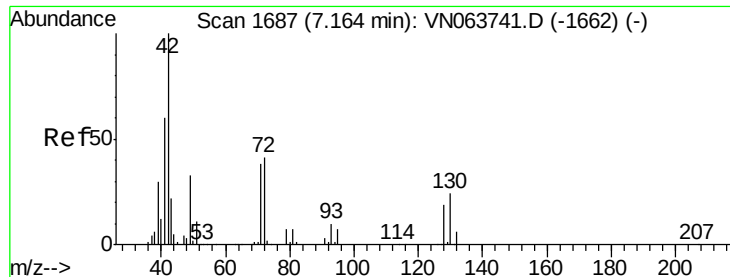


Abundance Ion 48.90 (48.60 to 49.60): VN063741.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063741.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063741.D (-1660) (-)

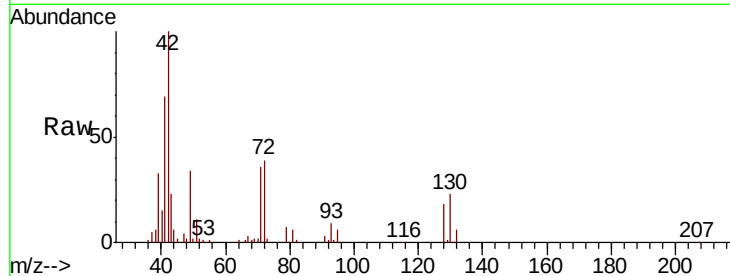




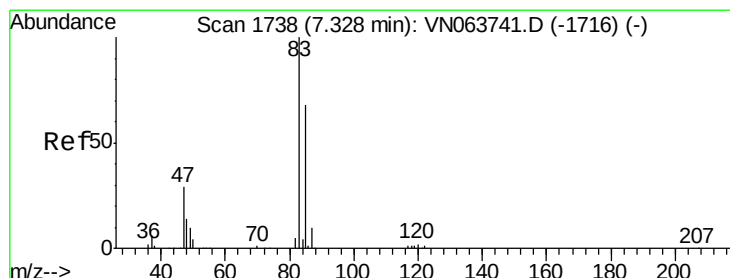
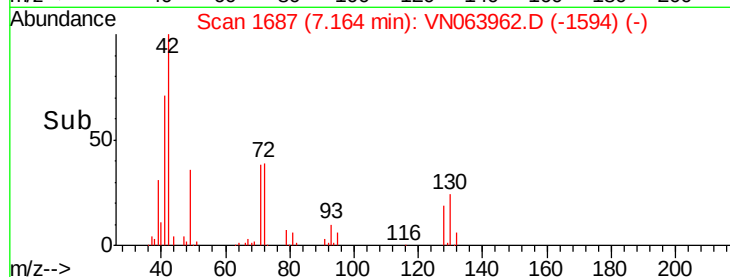
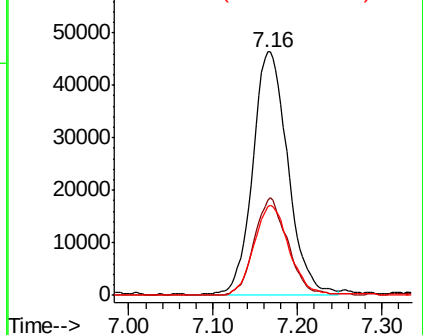
#29
Tetrahydrofuran
Concen: 104.039 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion: 42 Resp: 134566
Ion Ratio Lower Upper
42 100
72 38.0 32.8 49.2
71 36.8 30.6 45.8

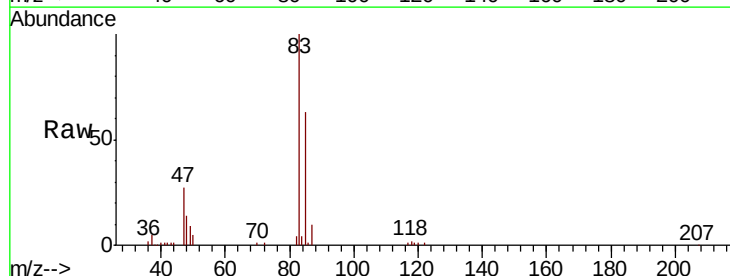


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

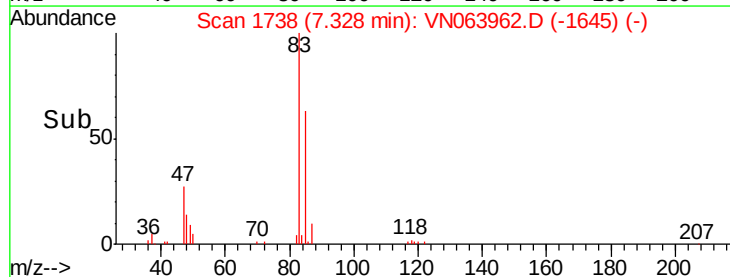
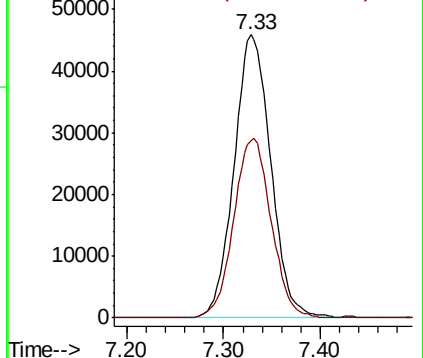


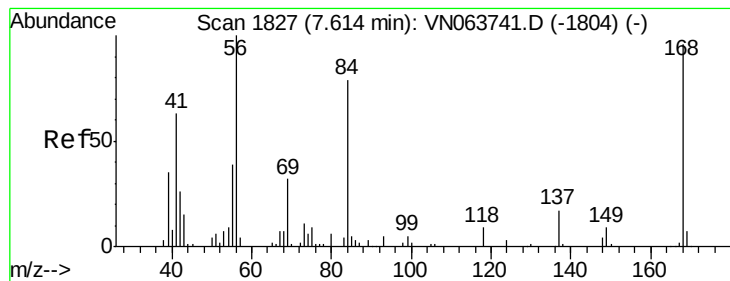
#30
Chloroform
Concen: 19.720 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion: 83 Resp: 121030
Ion Ratio Lower Upper
83 100
85 62.7 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: 18.288 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

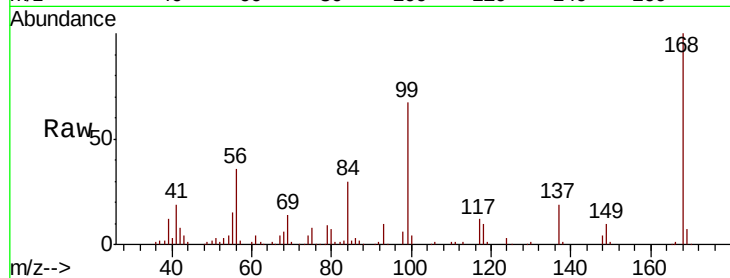
Tot Ion: 56 Resp: 93814

Ion Ratio Lower Upper

56 100

69 37.9 25.4 38.2

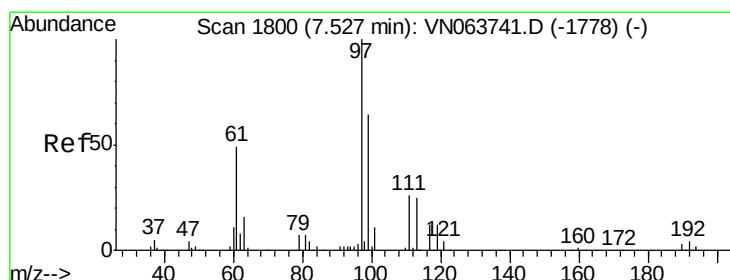
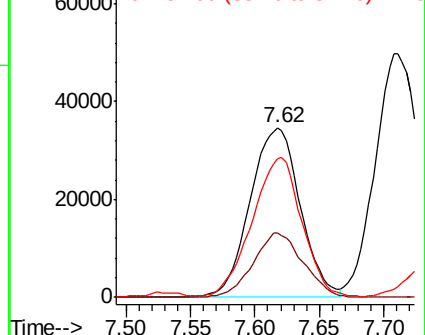
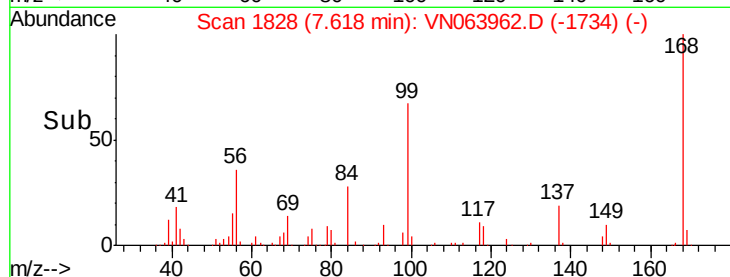
84 80.8 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063962.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063962.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063962.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 18.886 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

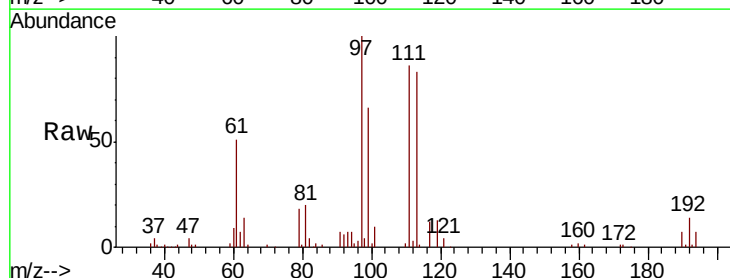
Tgt Ion: 97 Resp: 104549

Ion Ratio Lower Upper

97 100

99 67.0 51.0 76.6

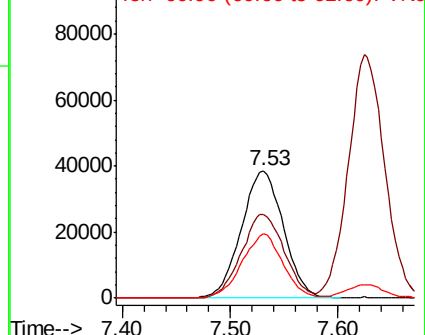
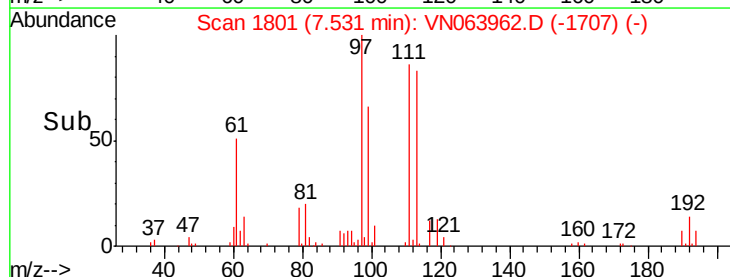
61 48.9 38.7 58.1

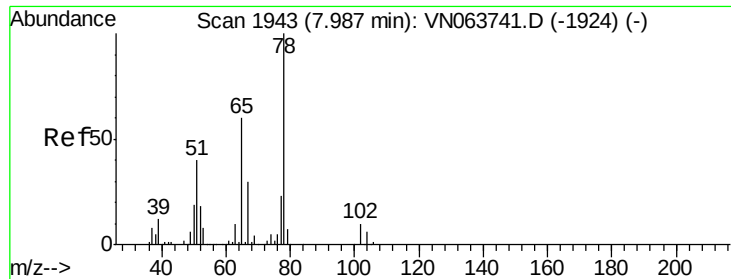


Abundance Ion 96.90 (96.60 to 97.60): VN063962.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063962.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063962.D (-1707) (-)

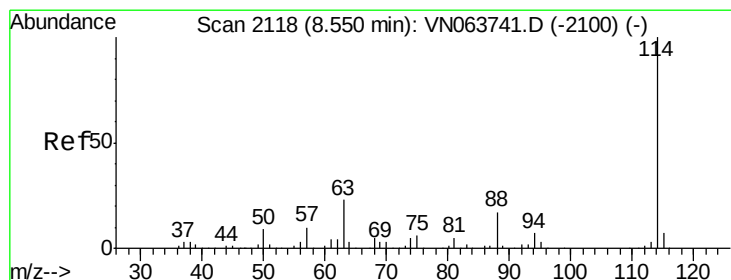
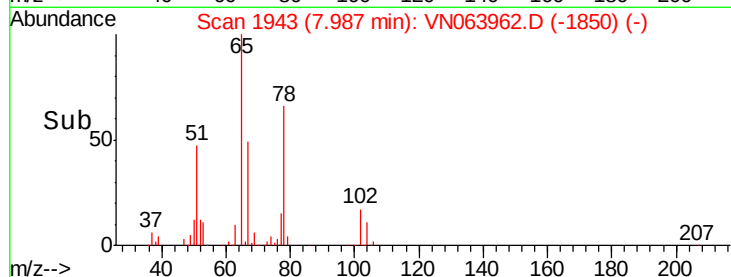
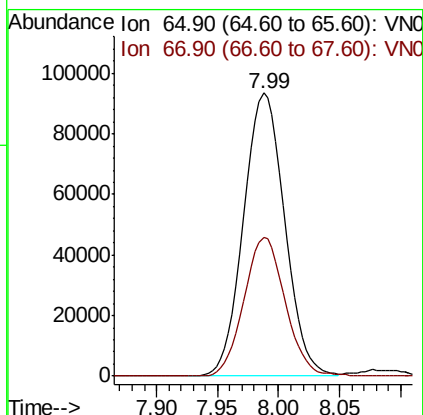
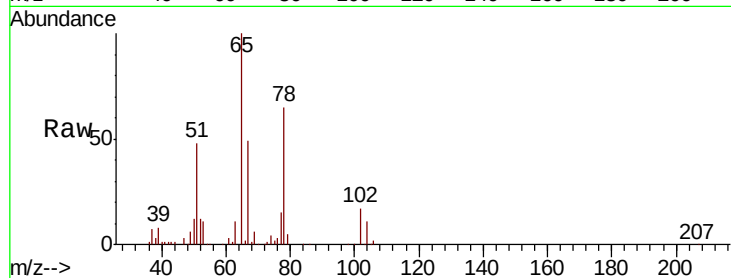




#33
 1,2-Dichloroethane-d4
 Concen: 49.425 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

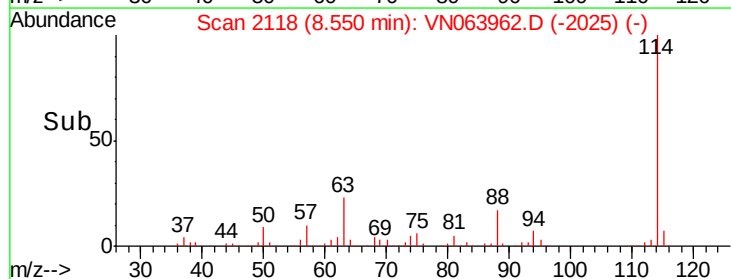
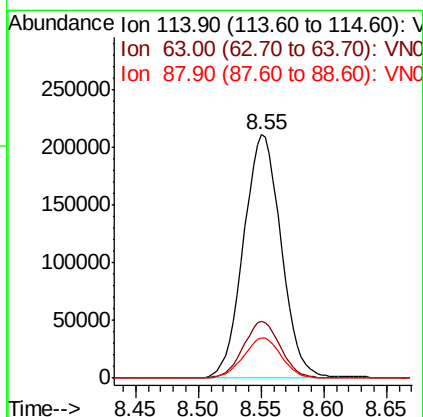
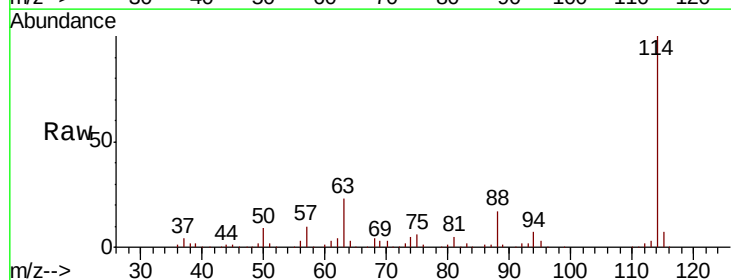
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

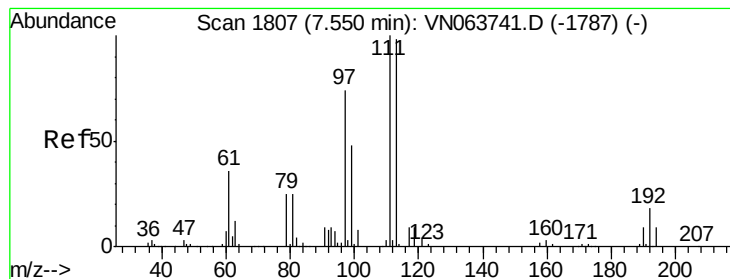
Tot Ion: 65 Resp: 218398
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion: 114 Resp: 441222
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.0
 88 16.7 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.263 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

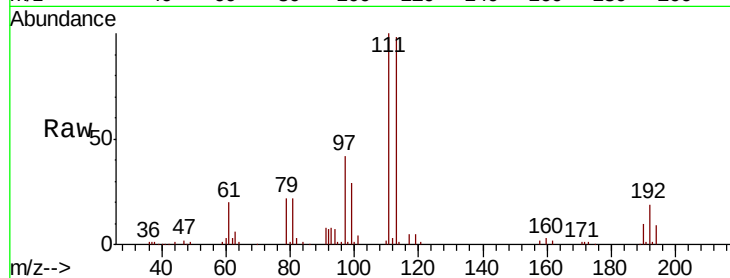
Tot Ion:113 Resp: 150821

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

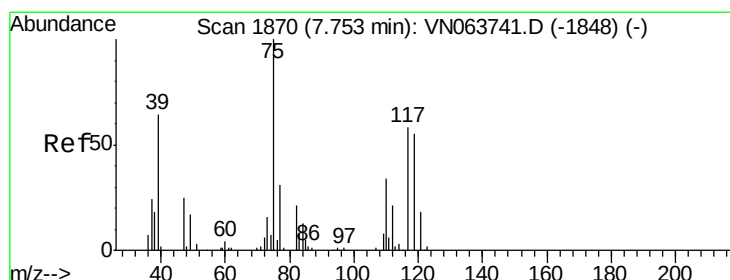
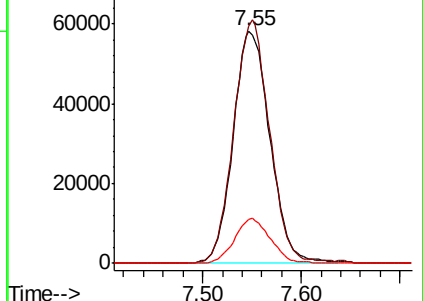
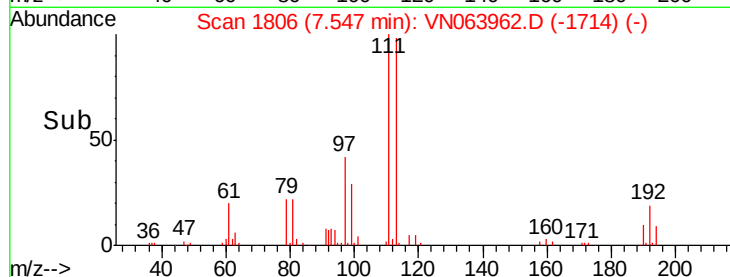
192 18.8 14.2 21.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.261 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

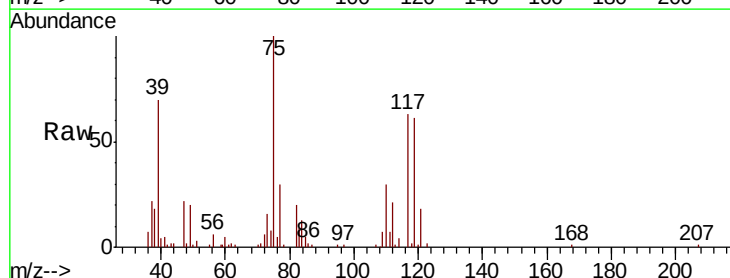
Tgt Ion: 75 Resp: 81625

Ion Ratio Lower Upper

75 100

110 32.7 16.9 50.6

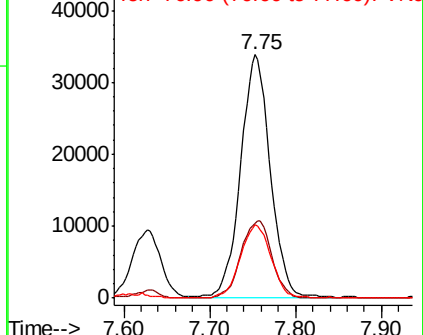
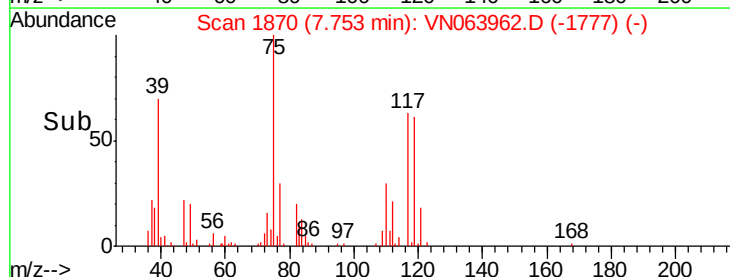
77 30.9 24.5 36.7

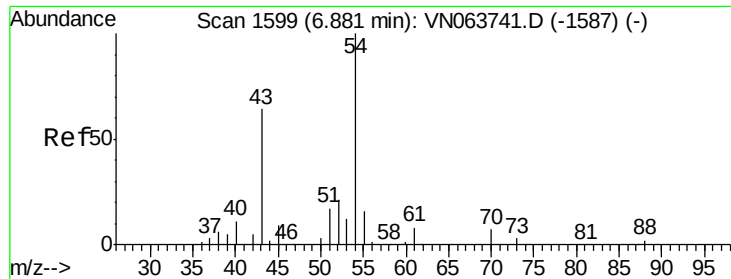


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

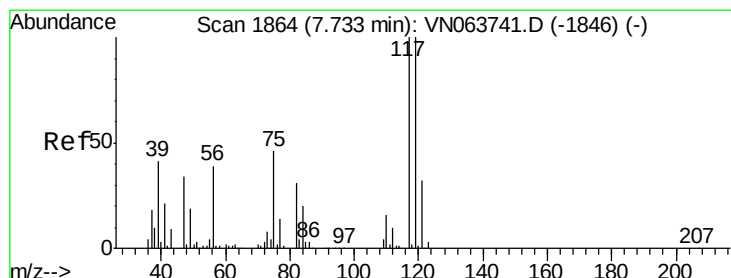
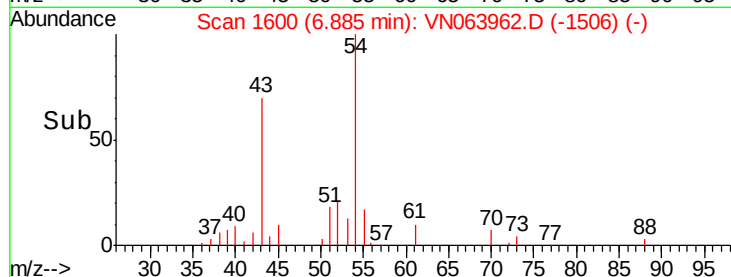
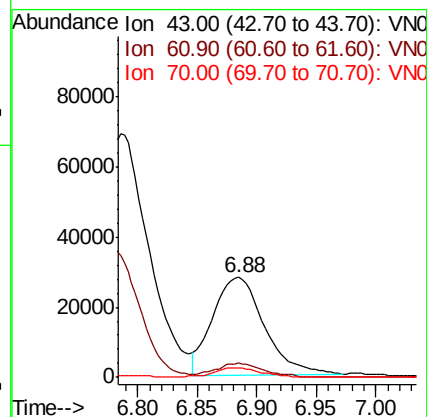
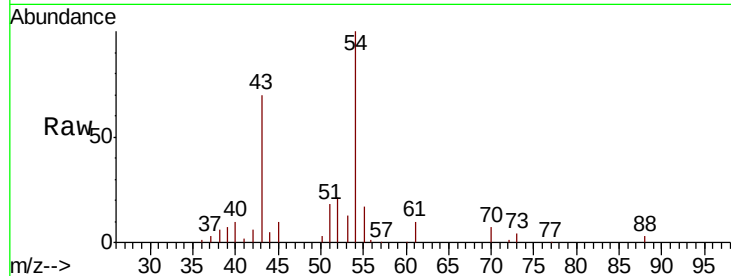




#37
Ethyl Acetate
Concen: 18.972 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

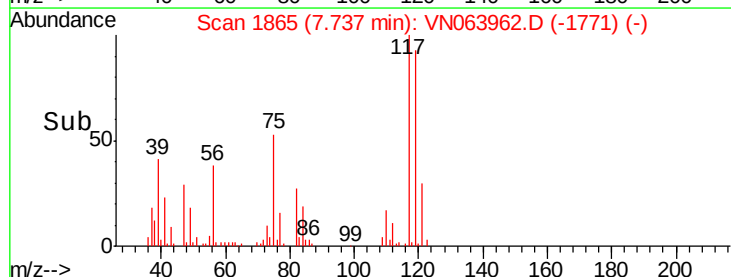
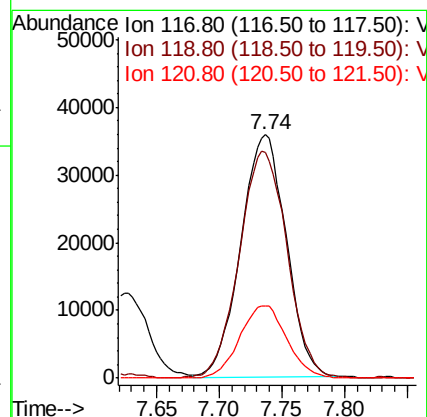
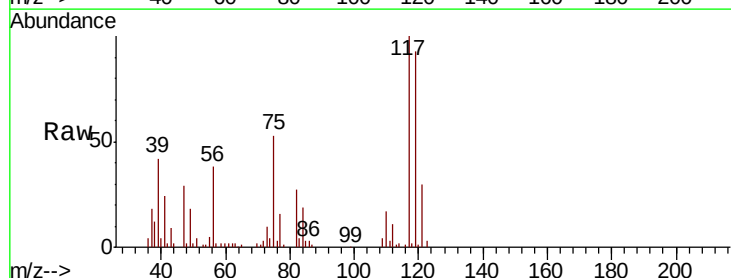
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

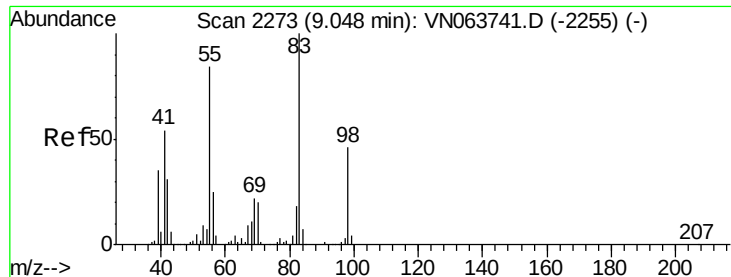
Tot Ion: 43 Resp: 84256
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.3 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.024 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion: 117 Resp: 90344
Ion Ratio Lower Upper
117 100
119 92.4 80.1 120.1
121 29.9 25.7 38.5

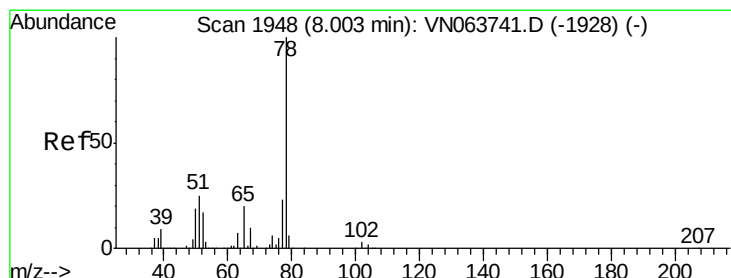
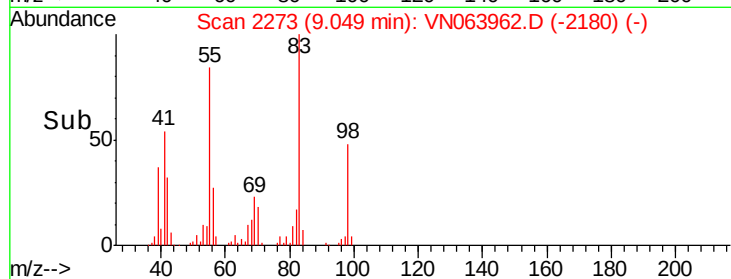
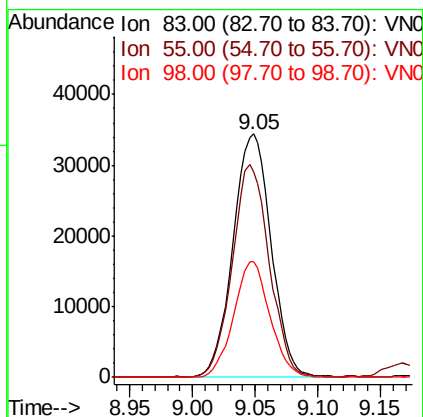
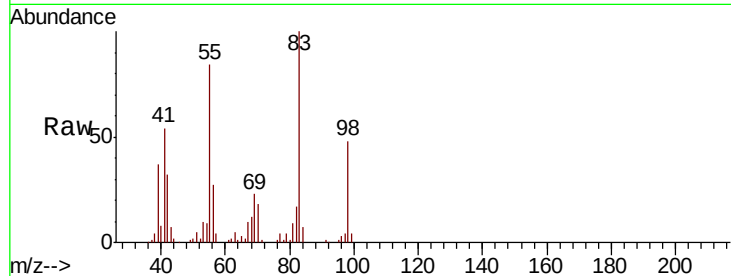




#39
Methylvlcyclohexane
Concen: 16.385 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

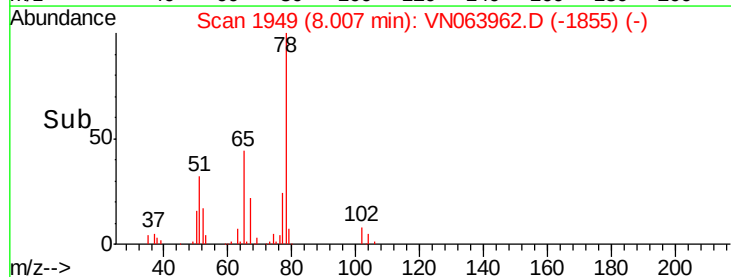
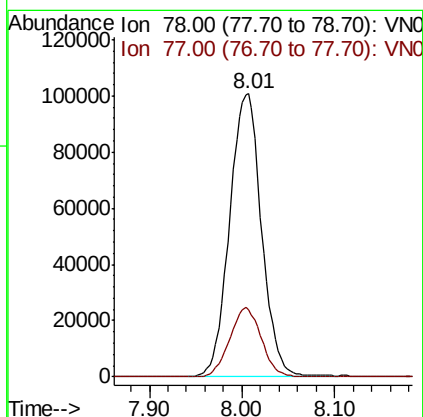
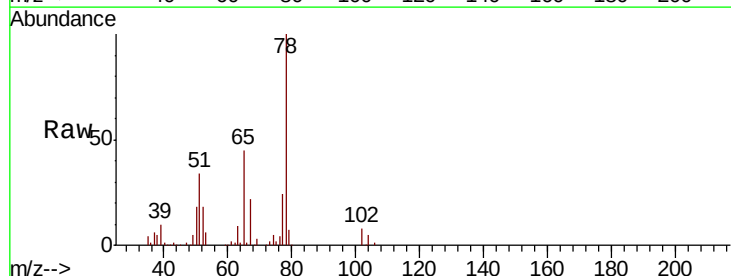
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

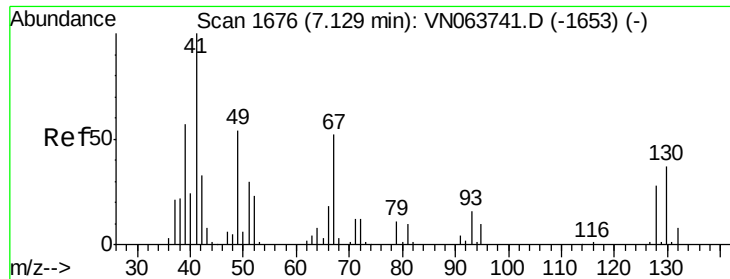
Tot Ion: 83 Resp: 73037
Ion Ratio Lower Upper
83 100
55 84.2 67.1 100.7
98 47.6 36.6 54.8



#40
Benzene
Concen: 18.841 ug/l
RT: 8.01 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion: 78 Resp: 240548
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

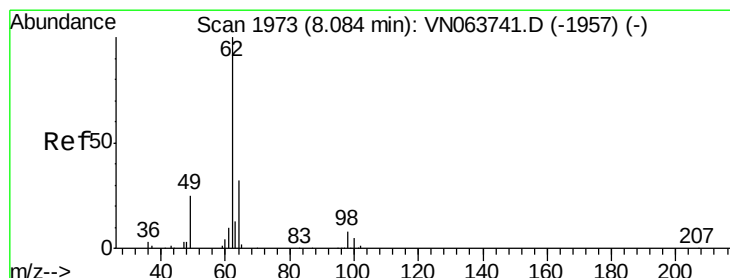
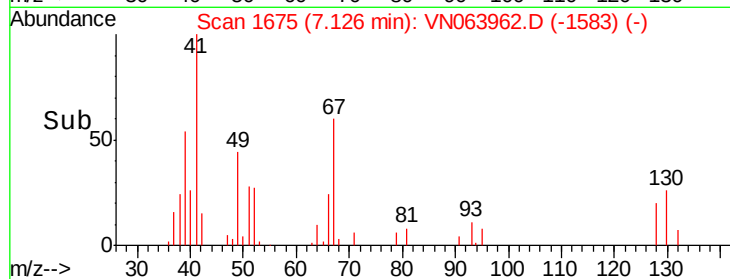
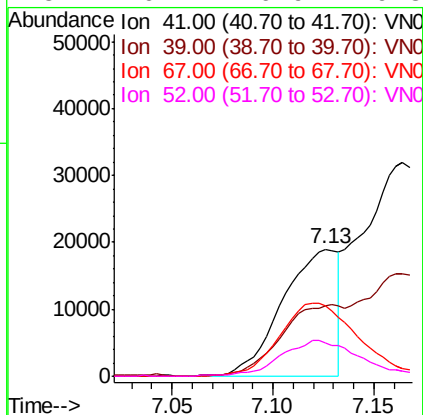
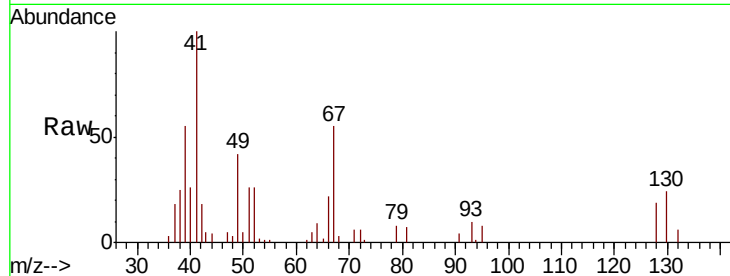




#41
Methacrylonitrile
Concen: 18.414 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

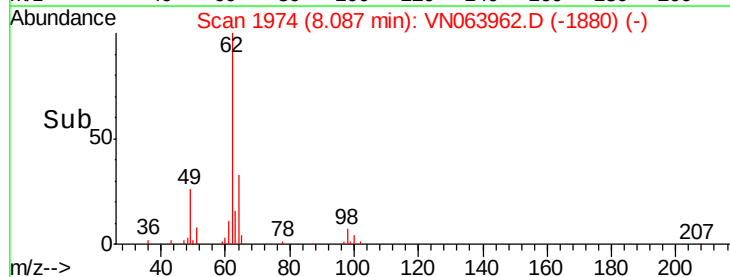
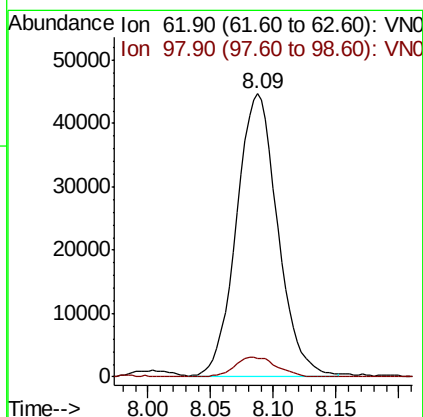
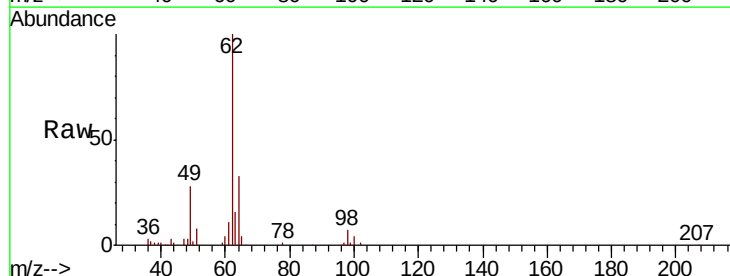
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

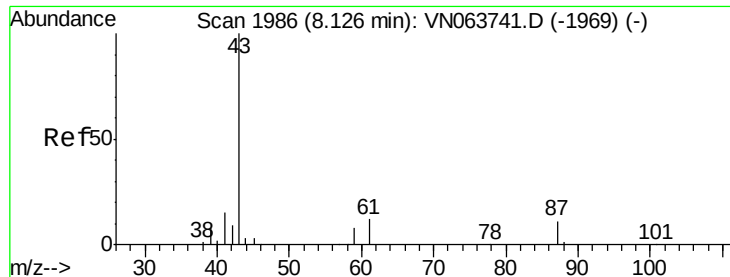
Tot Ion:	41	Resp:	36345
Ion	Ratio	Lower	Upper
41	100		
39	63.0	42.5	63.7
67	80.6	57.4	86.2
52	40.4	26.9	40.3#



#42
1,2-Dichloroethane
Concen: 18.835 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion:	62	Resp:	102650
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	15.0





#43

Isopropyl Acetate

Concen: 20.063 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

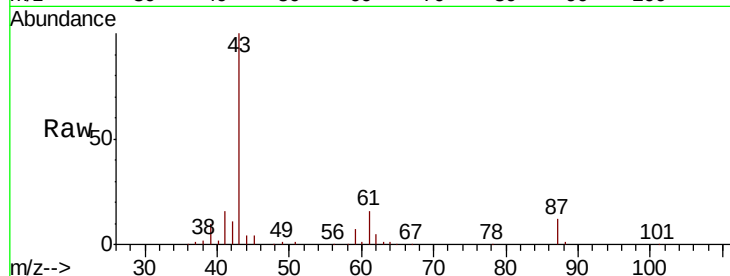
Tot Ion: 43 Resp: 146963

Ion Ratio Lower Upper

43 100

61 17.0 14.2 21.4

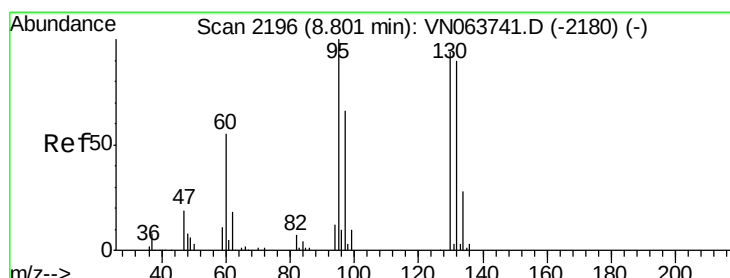
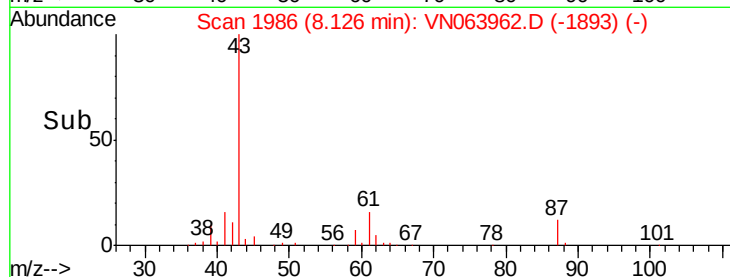
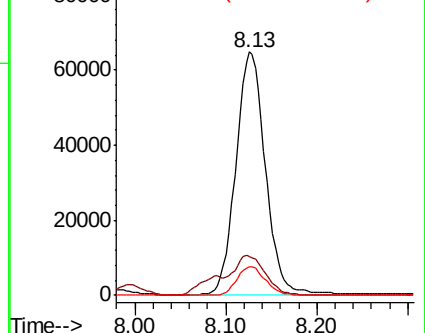
87 11.4 9.0 13.6



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: 17.957 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063962.D

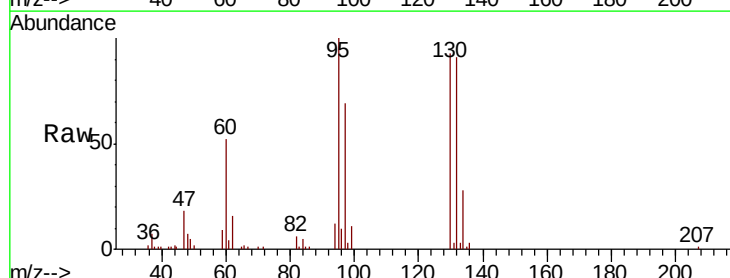
Acq: 8 Oct 2020 00:29

Tgt Ion:130 Resp: 60069

Ion Ratio Lower Upper

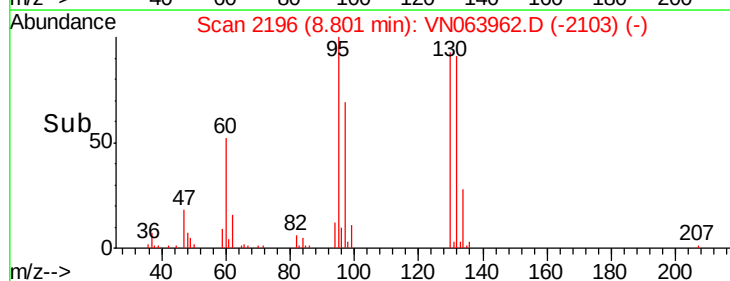
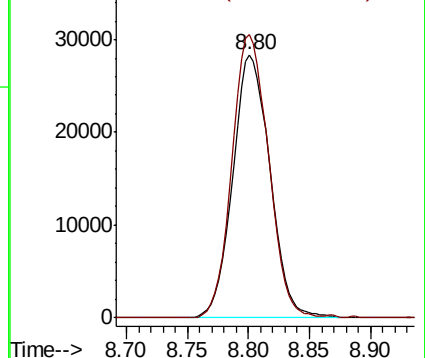
130 100

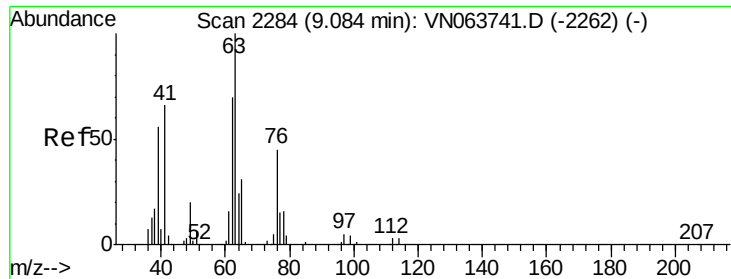
95 107.7 0.0 213.6



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

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

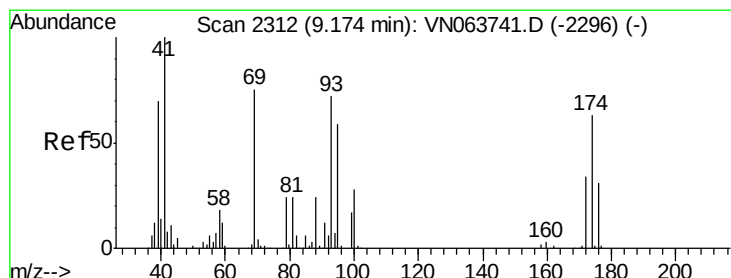
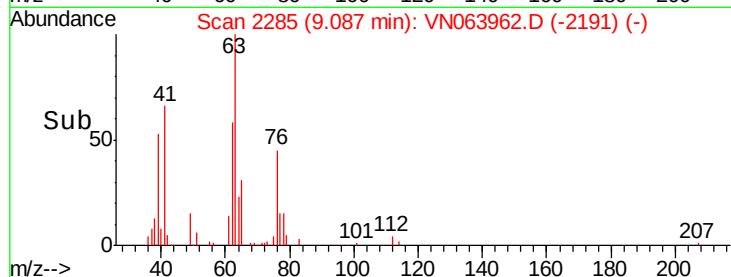
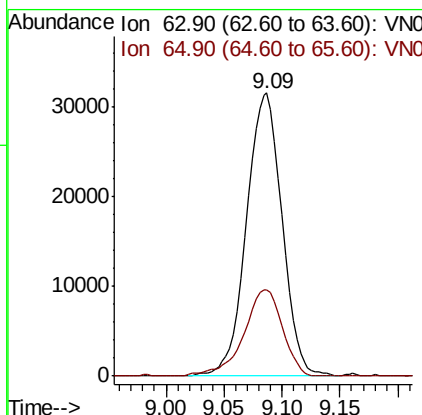
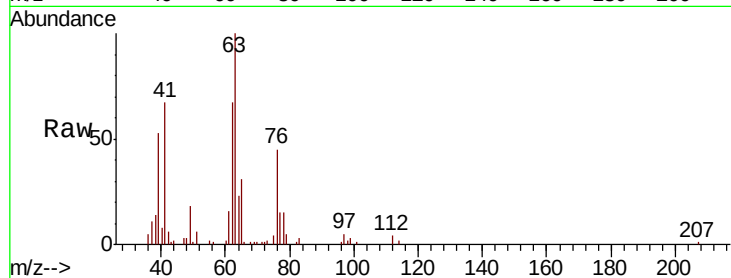




#45
 1,2-Dichloropropane
 Concen: 19.604 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

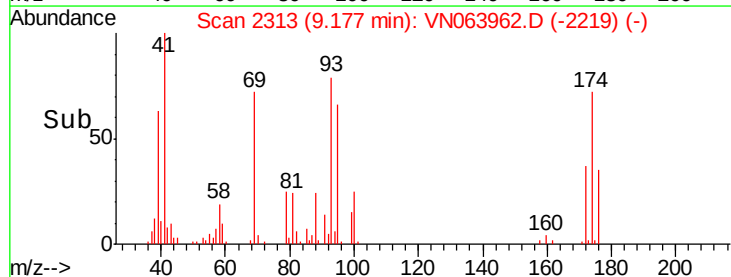
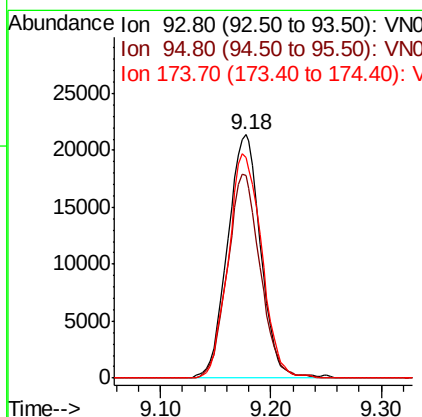
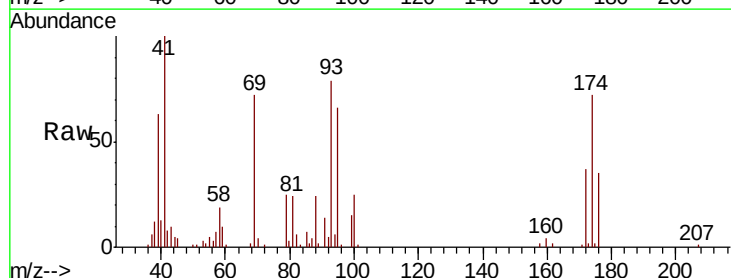
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

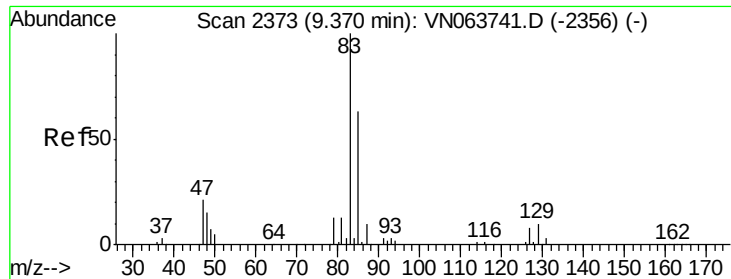
Tot Ion: 63 Resp: 67597
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.7 37.1



#46
 Dibromomethane
 Concen: 18.639 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion: 93 Resp: 44335
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.3 99.5
 174 92.8 72.7 109.1





#47

Bromodichloromethane

Concen: 19.139 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

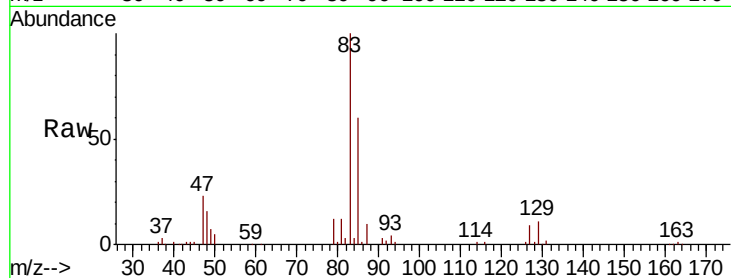
Tot Ion: 83 Resp: 93826

Ion Ratio Lower Upper

83 100

85 60.5 50.6 75.8

127 8.6 6.6 9.8

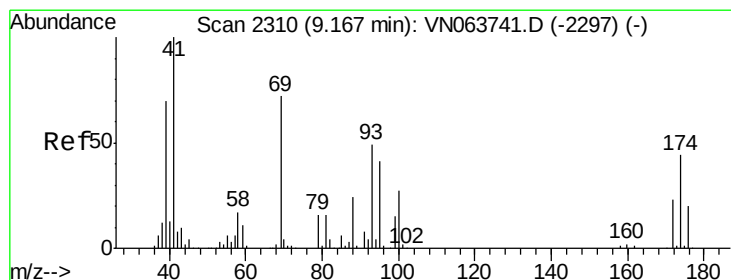
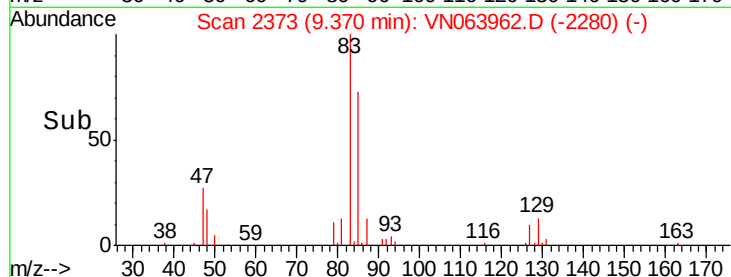


Abundance Ion 82.90 (82.60 to 83.60): VN063962.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063962.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063962.D (-2280) (-)

Time-->



#48

Methyl methacrylate

Concen: 20.079 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

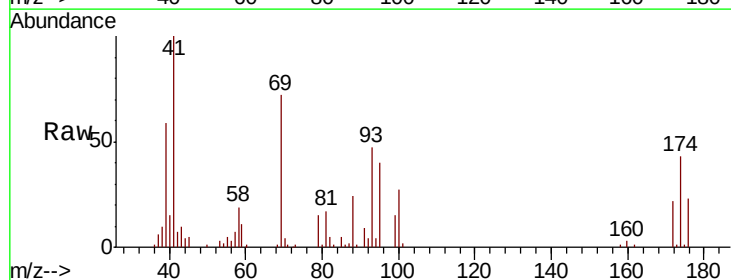
Tgt Ion: 41 Resp: 72669

Ion Ratio Lower Upper

41 100

69 70.7 60.9 91.3

39 60.9 57.5 86.3

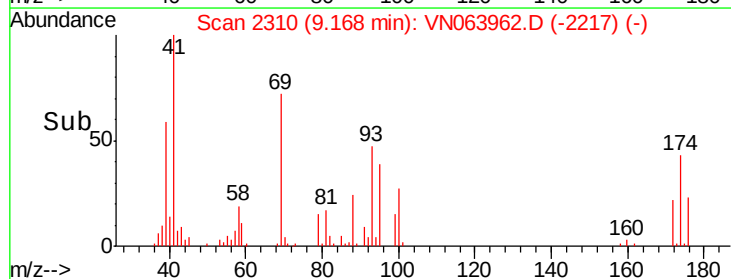


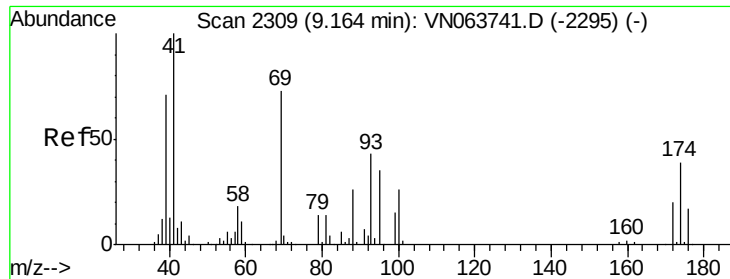
Abundance Ion 41.00 (40.70 to 41.70): VN063962.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063962.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063962.D (-2217) (-)

Time-->





#49

1,4-Dioxane

Concen: 353.935 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

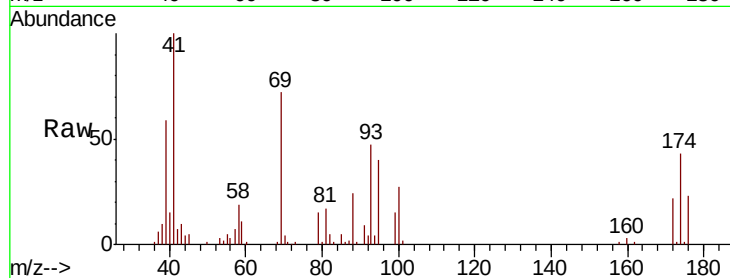
Tot Ion: 88 Resp: 18205

Ion Ratio Lower Upper

88 100

43 46.1 33.1 49.7

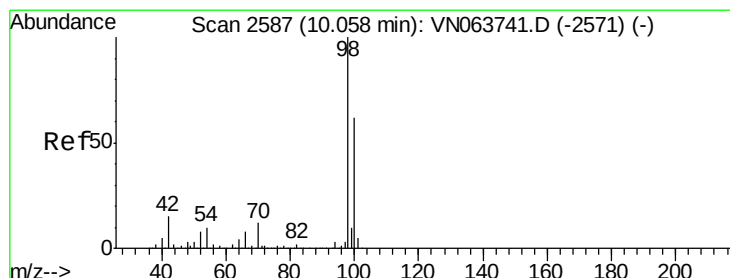
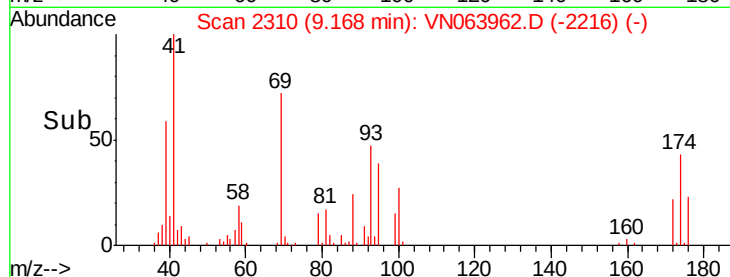
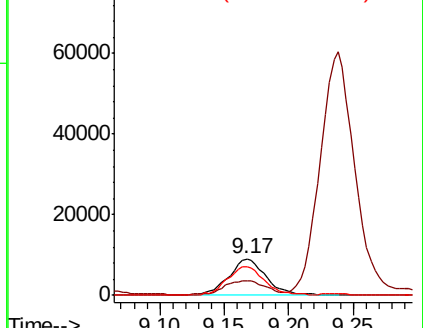
58 79.7 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063962.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN063962.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN063962.D (-2216) (-)



#50

Toluene-d8

Concen: 47.393 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063962.D

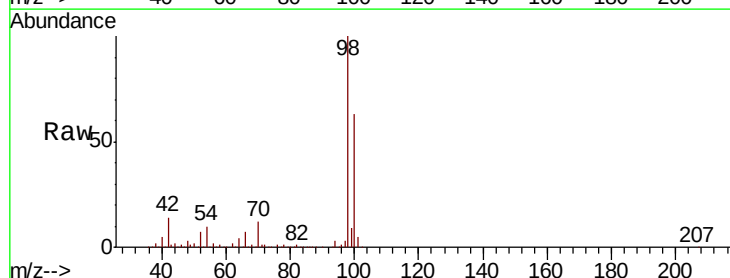
Acq: 8 Oct 2020 00:29

Tgt Ion: 98 Resp: 550044

Ion Ratio Lower Upper

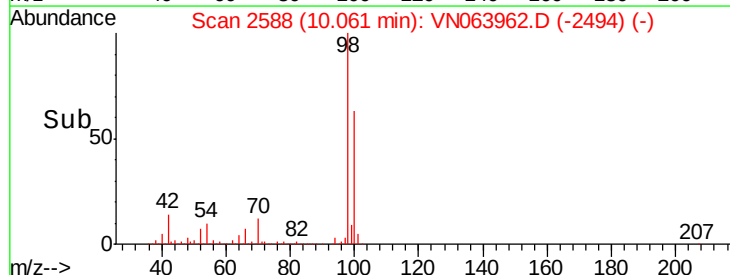
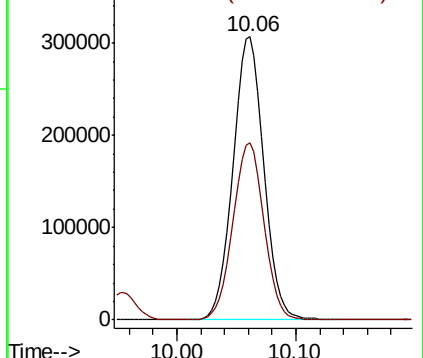
98 100

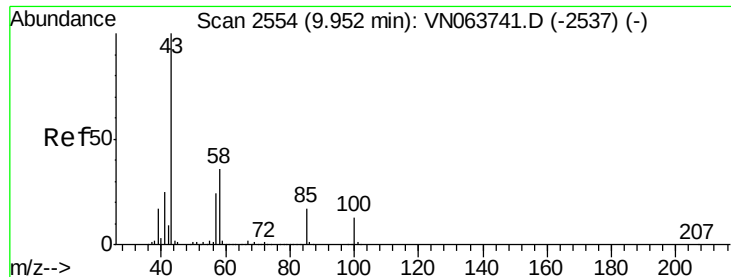
100 63.0 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063962.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063962.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 102.375 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampled :

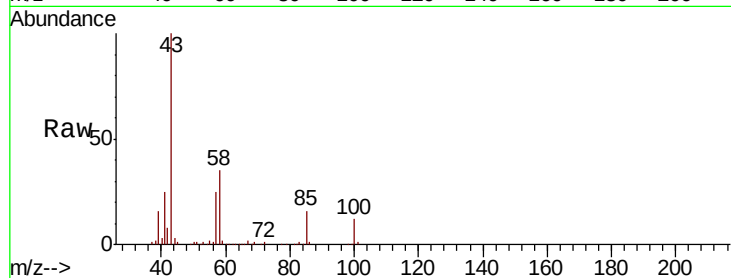
VN1007WBS02

Tot Ion: 43 Resp: 440091

Ion Ratio Lower Upper

43 100

58 35.3 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)

9.95

250000

200000

150000

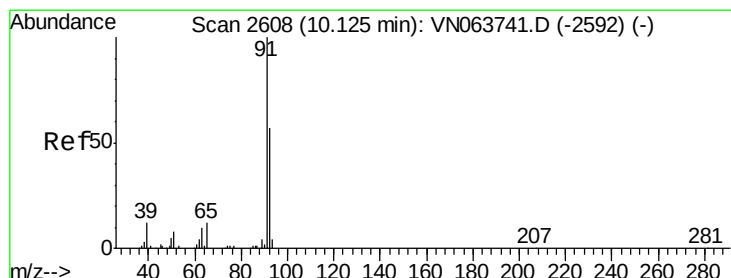
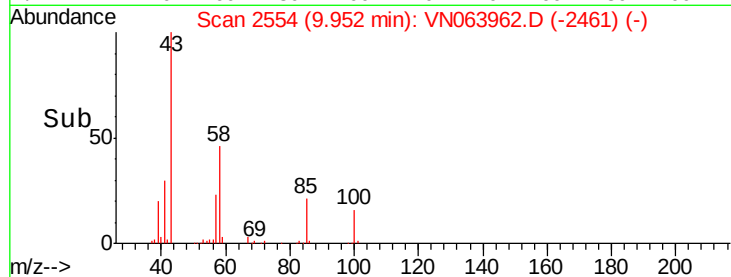
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 18.929 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063962.D

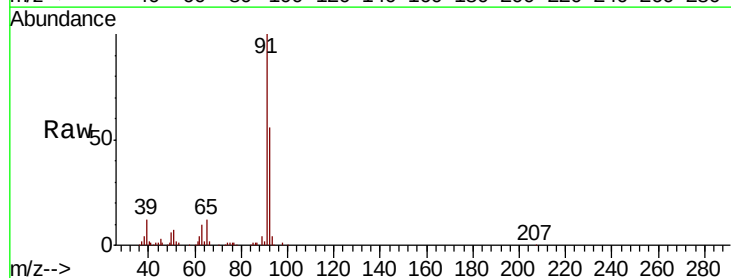
Acq: 8 Oct 2020 00:29

Tgt Ion: 92 Resp: 149487

Ion Ratio Lower Upper

92 100

91 176.9 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)

10.13

150000

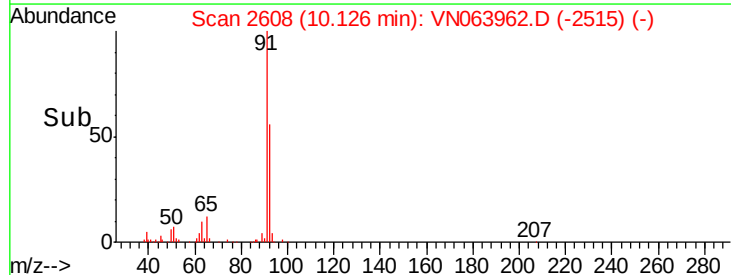
100000

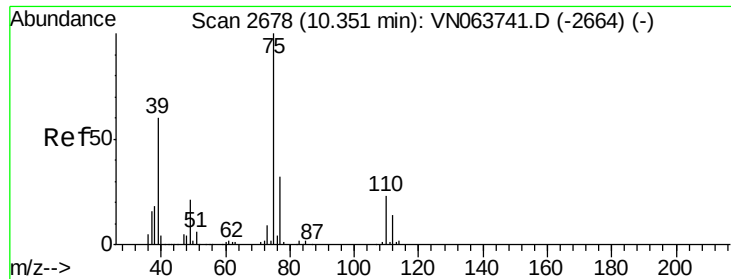
50000

0

10.05 10.10 10.15 10.20

Time-->

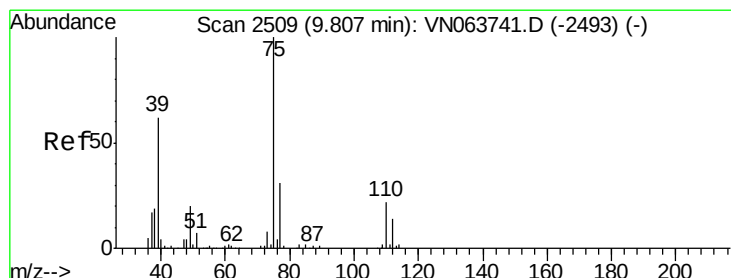
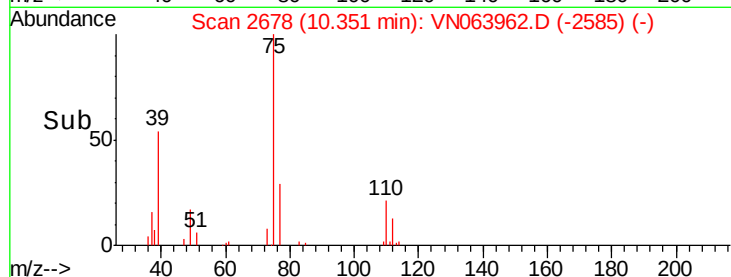
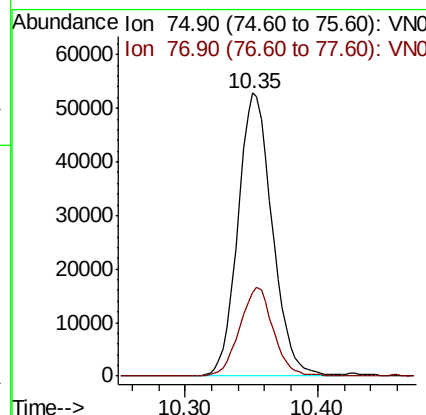
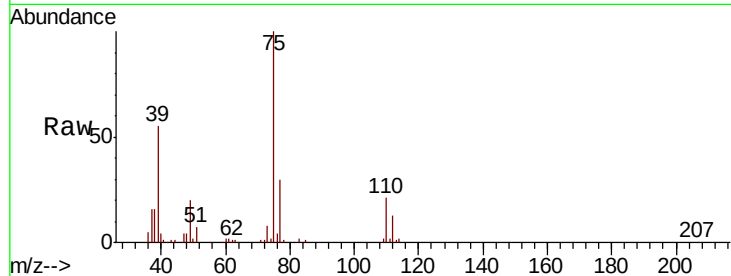




#53
 t-1,3-Dichloropropene
 Concen: 18.100 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

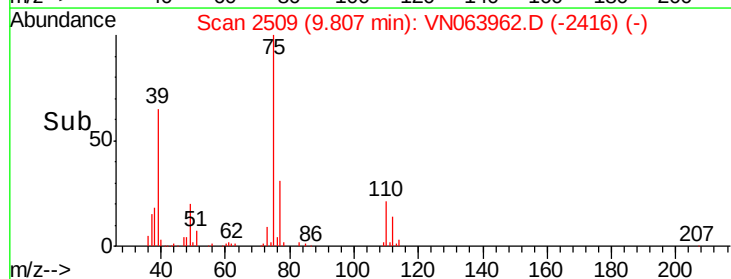
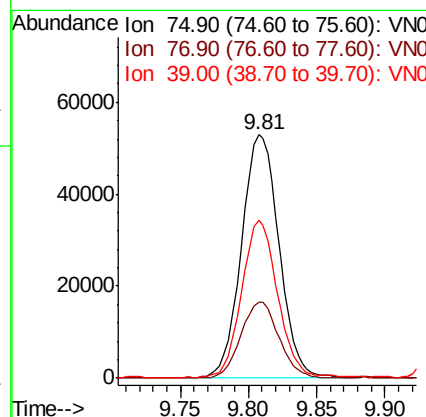
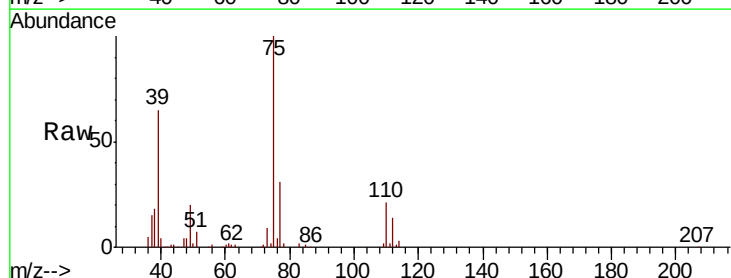
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

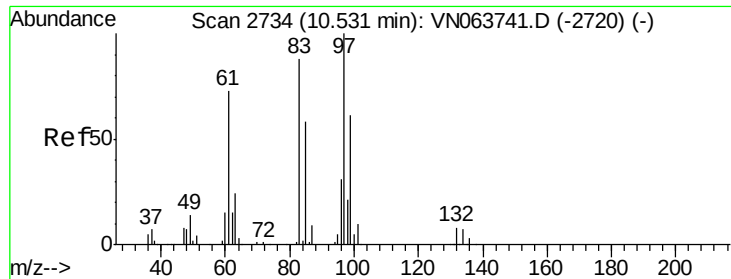
Tot Ion: 75 Resp: 95115
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.419 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion: 75 Resp: 101227
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 36.8
 39 64.6 49.7 74.5

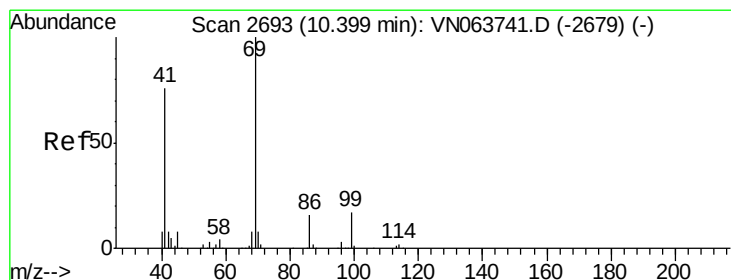
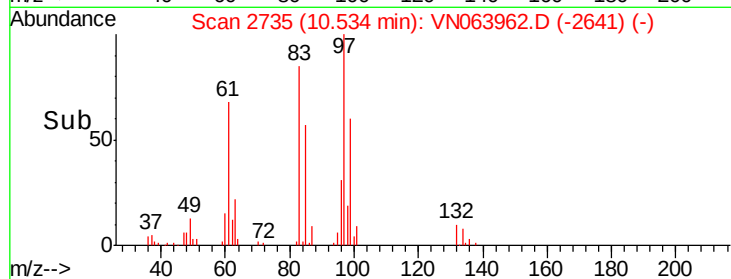
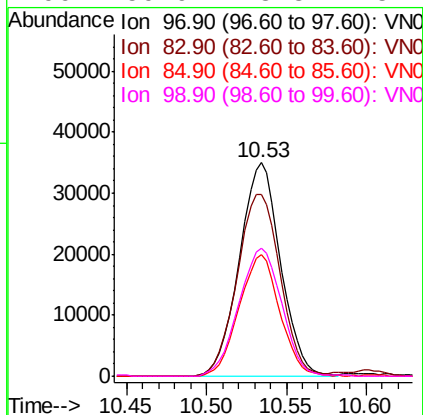
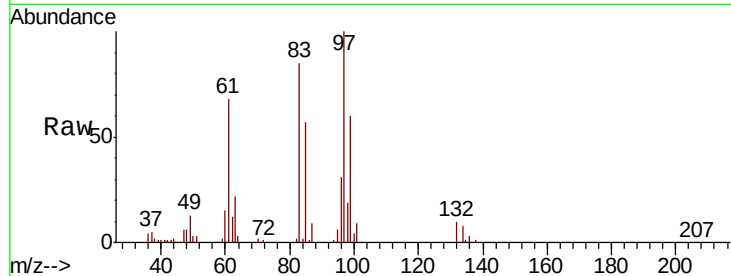




#55
 1,1,2-Trichloroethane
 Concen: 19.476 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

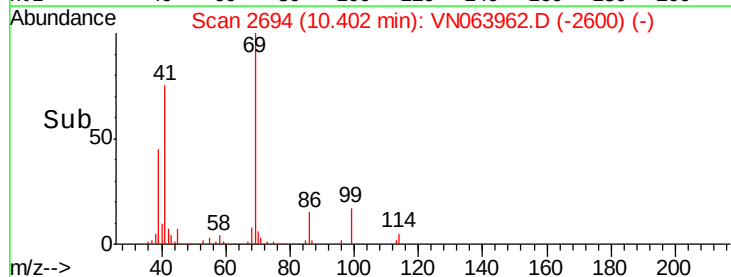
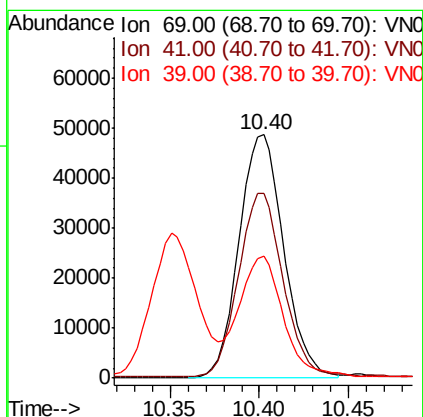
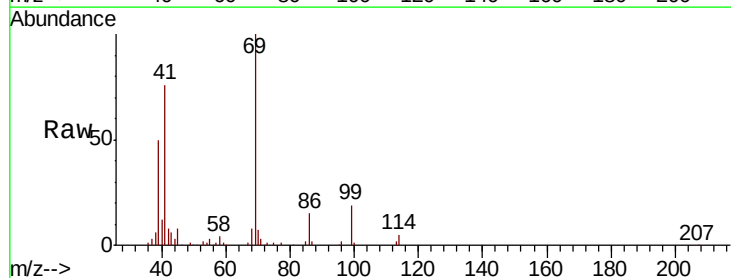
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

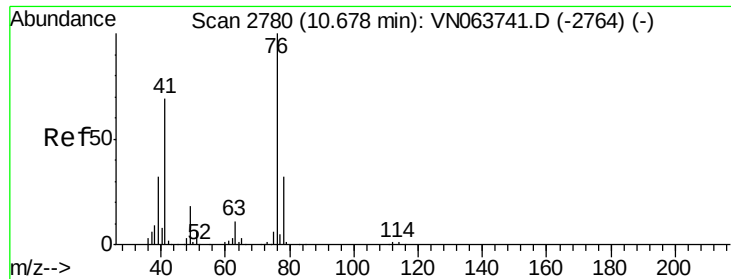
Tot Ion: 97 Resp: 61681
 Ion Ratio Lower Upper
 97 100
 83 85.0 70.7 106.1
 85 57.2 46.1 69.1
 99 59.9 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 19.049 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion: 69 Resp: 85513
 Ion Ratio Lower Upper
 69 100
 41 75.2 61.1 91.7
 39 49.2 42.2 63.4

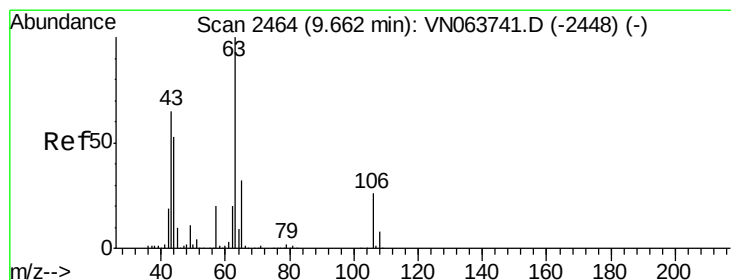
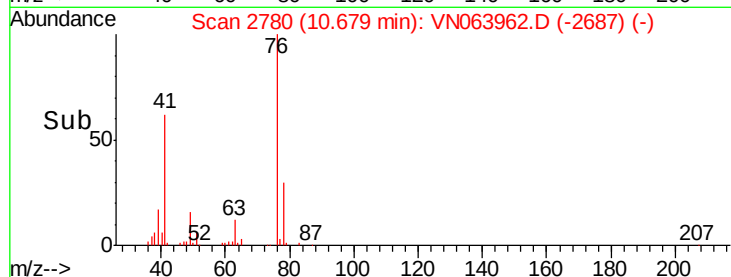
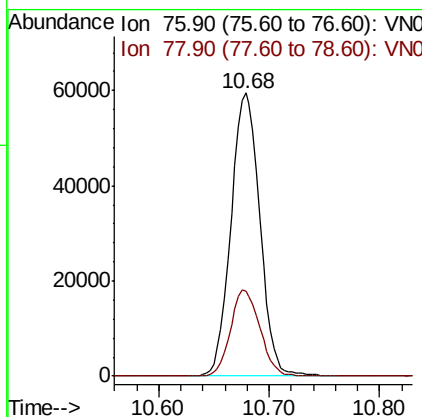
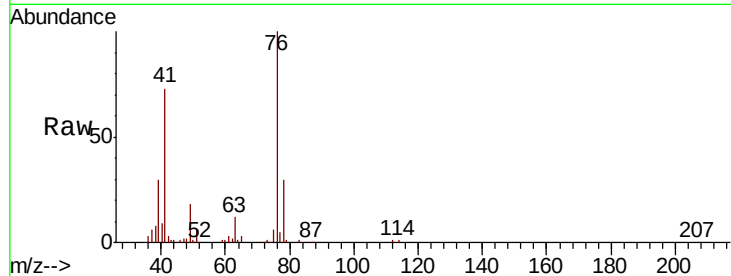




#57
 1,3-Dichloropropane
 Concen: 20.151 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

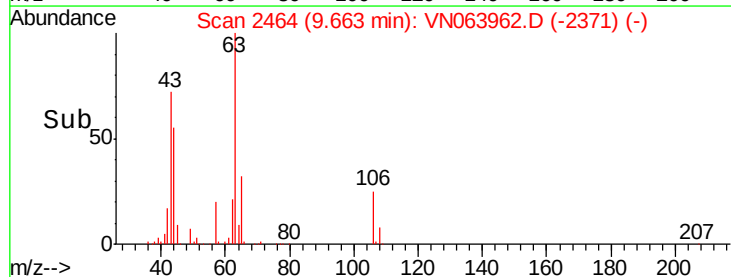
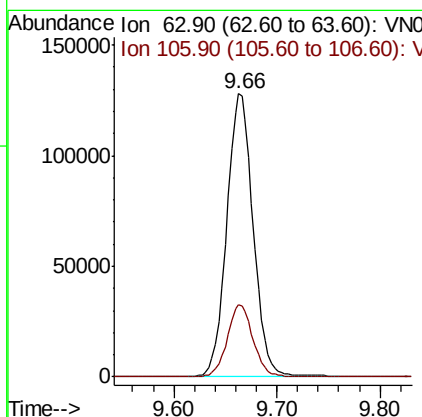
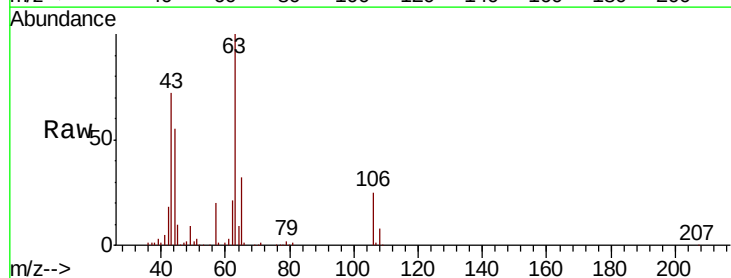
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

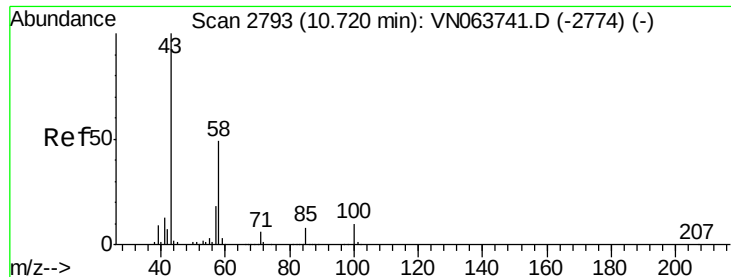
Tot Ion: 76 Resp: 107968
 Ion Ratio Lower Upper
 76 100
 78 31.1 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.129 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion: 63 Resp: 228432
 Ion Ratio Lower Upper
 63 100
 106 24.9 20.7 31.1

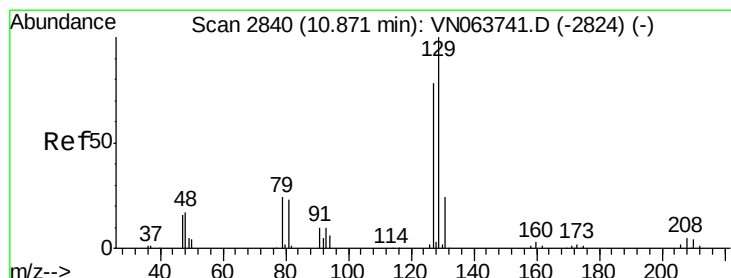
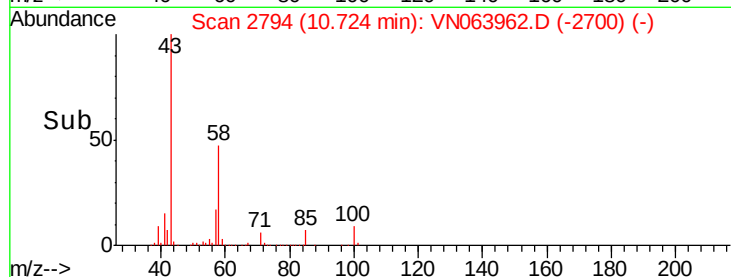
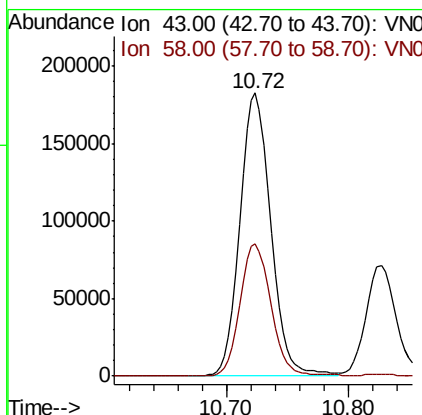
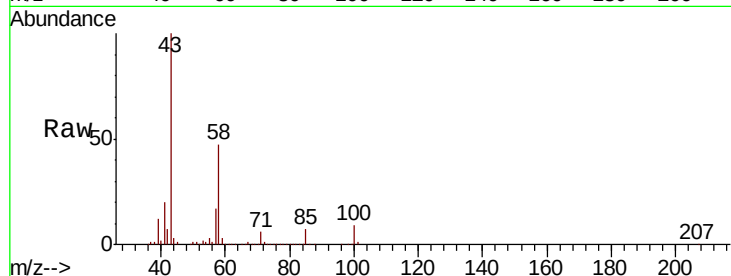




#59
2-Hexanone
Concen: 99.563 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

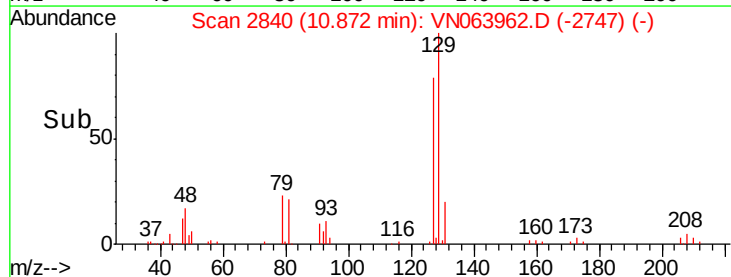
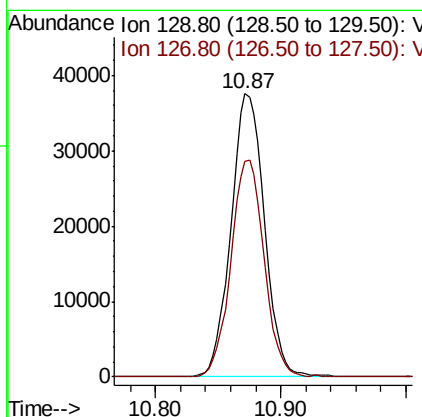
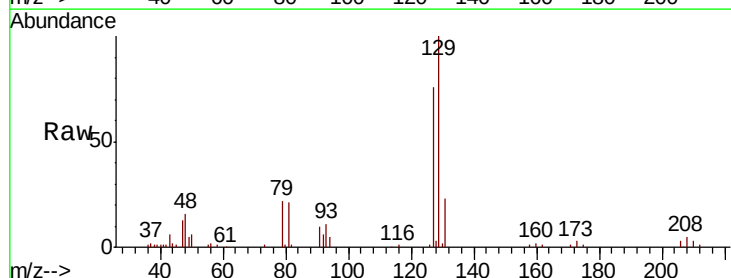
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

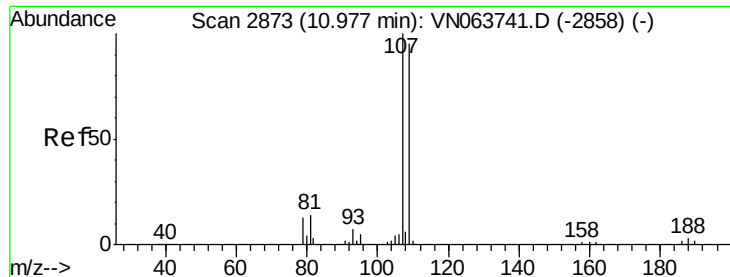
Tot Ion: 43 Resp: 317946
Ion Ratio Lower Upper
43 100
58 47.2 24.6 73.8



#60
Dibromochloromethane
Concen: 18.877 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion: 129 Resp: 69625
Ion Ratio Lower Upper
129 100
127 75.6 38.9 116.7

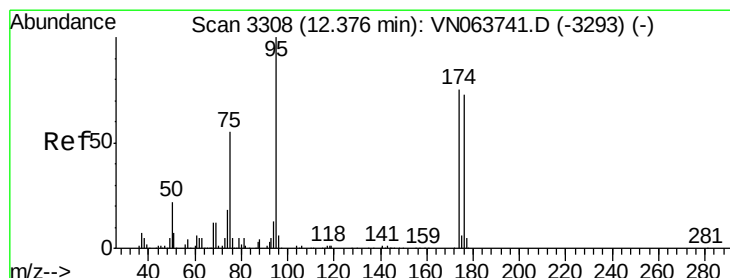
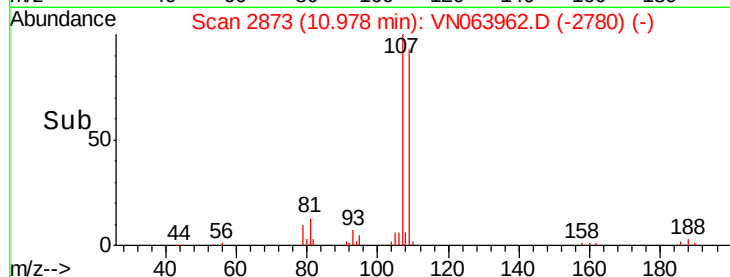
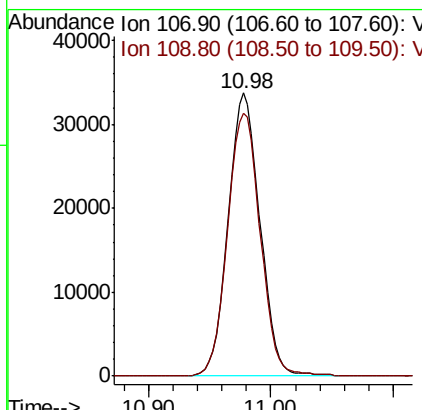
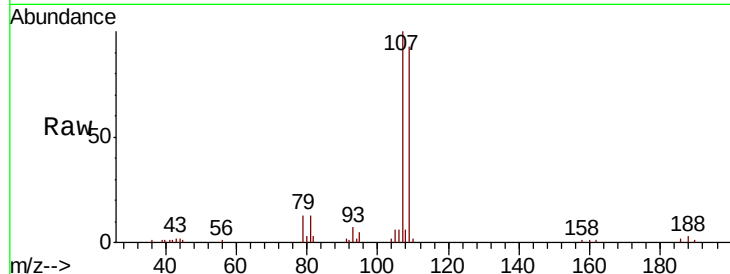




#61
 1,2-Dibromoethane
 Concen: 18.950 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

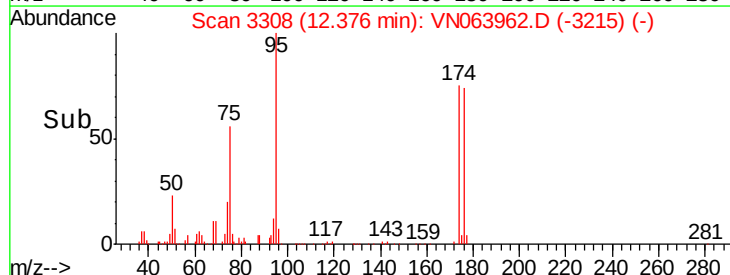
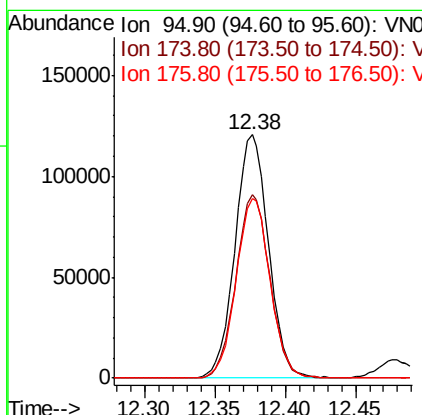
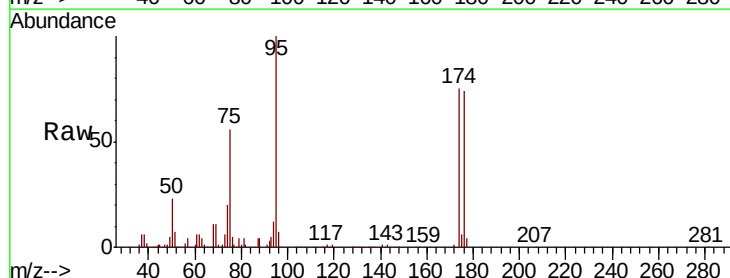
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

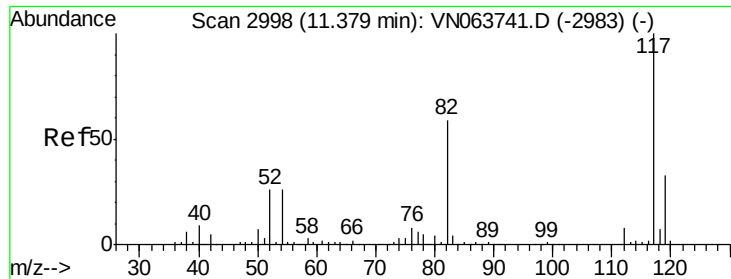
Tot Ion: 107 Resp: 61391
 Ion Ratio Lower Upper
 107 100
 109 95.7 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 46.196 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion: 95 Resp: 201545
 Ion Ratio Lower Upper
 95 100
 174 75.8 0.0 150.6
 176 74.7 0.0 145.4

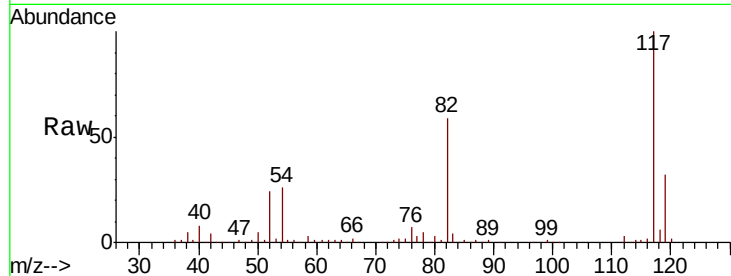




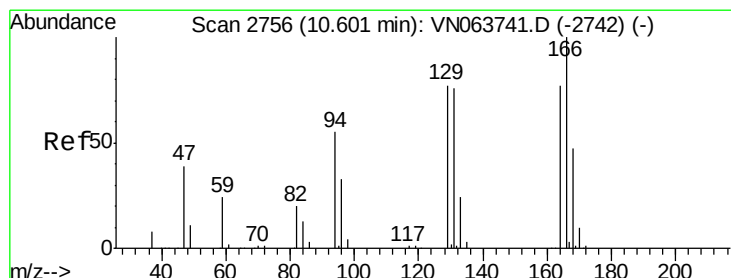
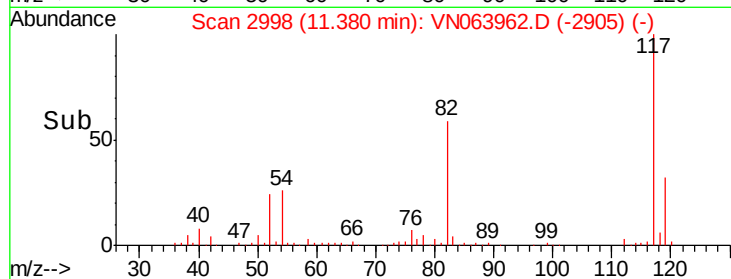
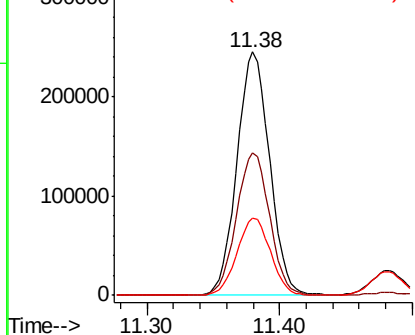
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion:117 Resp: 419318
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.7 26.4 39.6

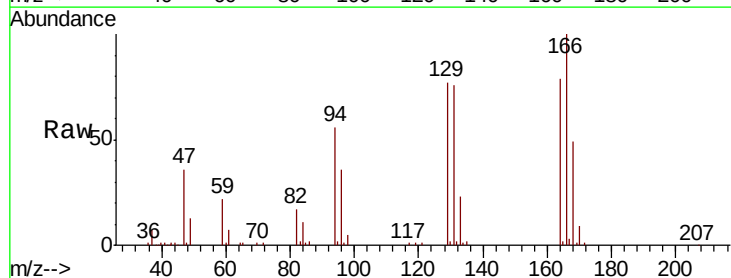


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

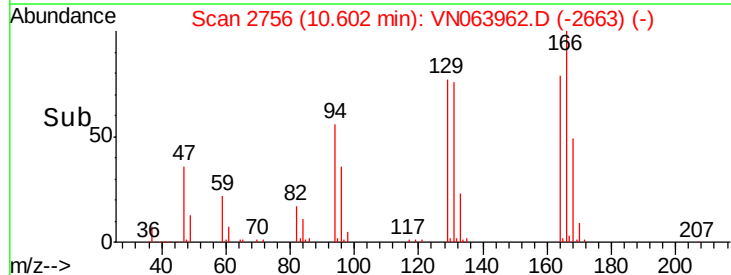
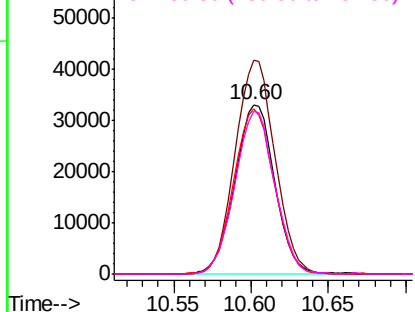


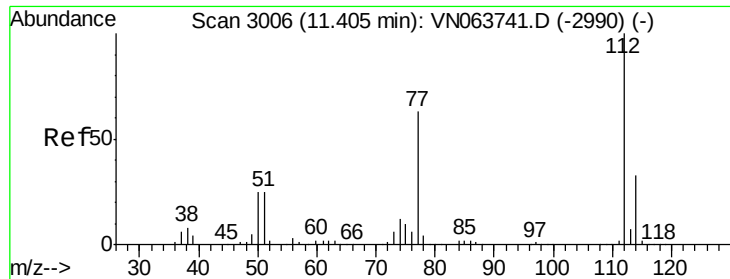
#64
Tetrachloroethene
Concen: 18.193 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion:164 Resp: 59022
Ion Ratio Lower Upper
164 100
166 125.9 103.9 155.9
129 97.1 80.3 120.5
131 95.6 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

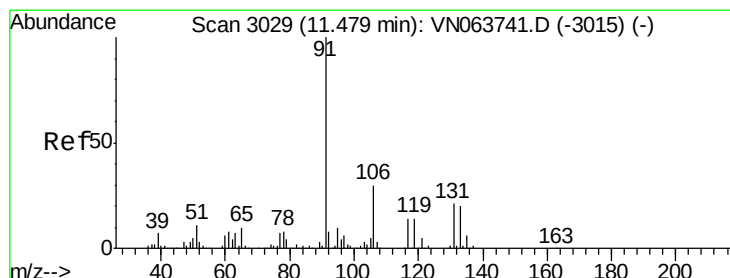
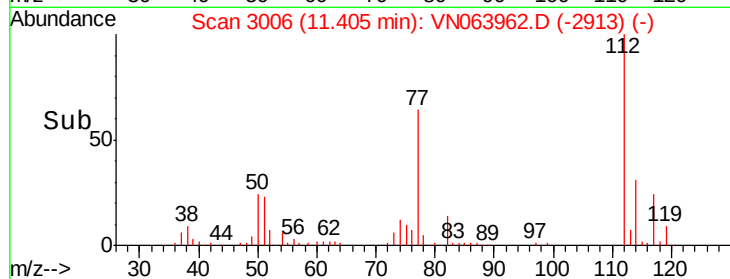
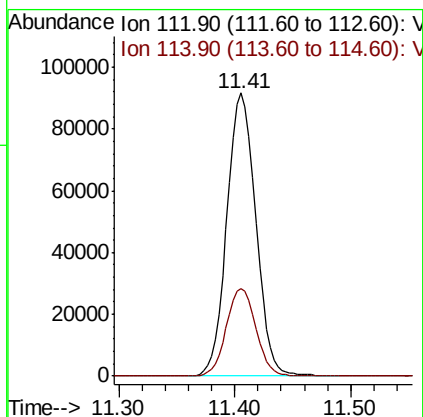
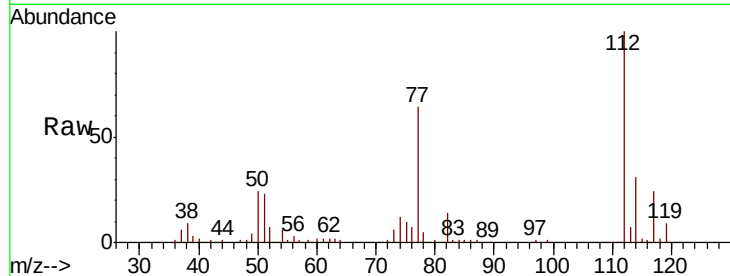




#65
Chlorobenzene
Concen: 18.436 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

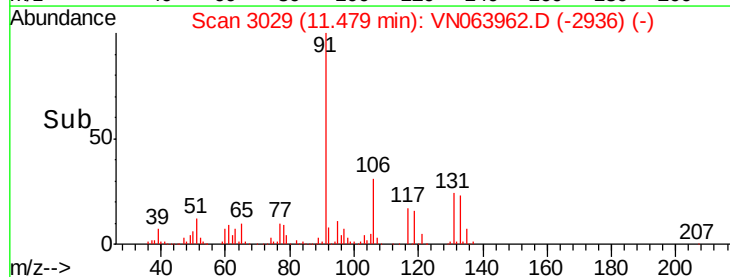
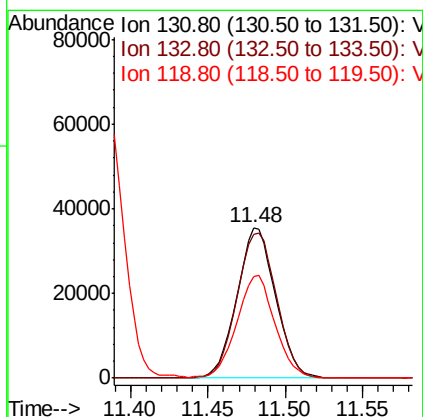
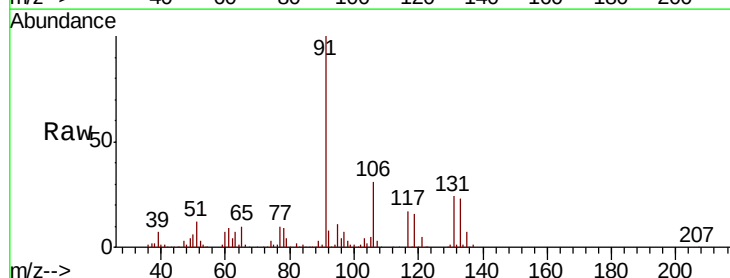
Instrument :
MSVOA_N
ClientSampled :
VN1007WBS02

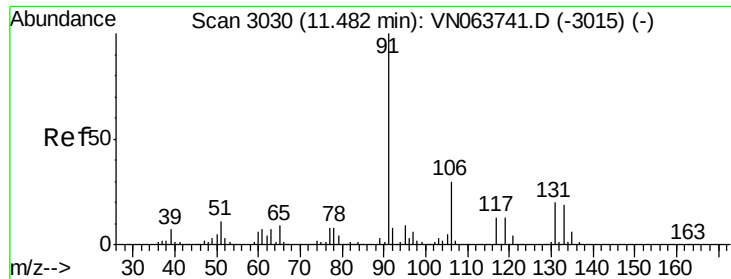
Tot Ion:112 Resp: 158579
Ion Ratio Lower Upper
112 100
114 31.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.683 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion:131 Resp: 61609
Ion Ratio Lower Upper
131 100
133 99.1 47.3 141.8
119 67.6 32.6 97.7

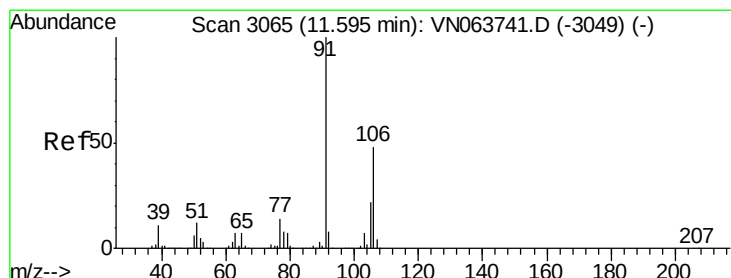
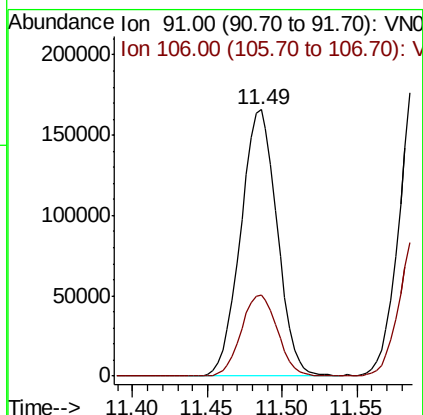
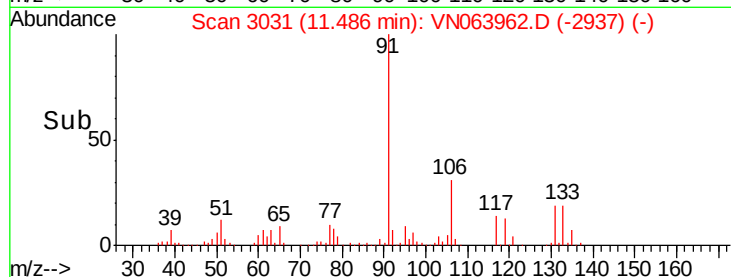
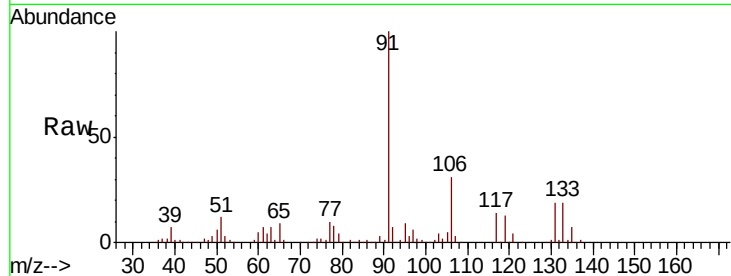




#67
Ethyl Benzene
Concen: 17.975 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

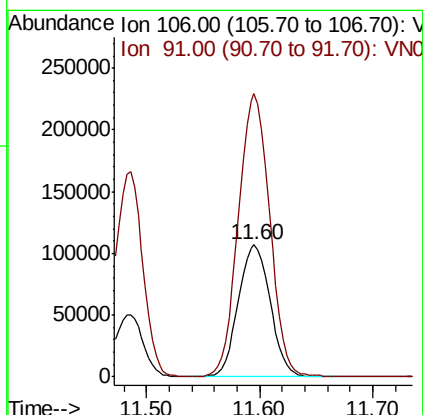
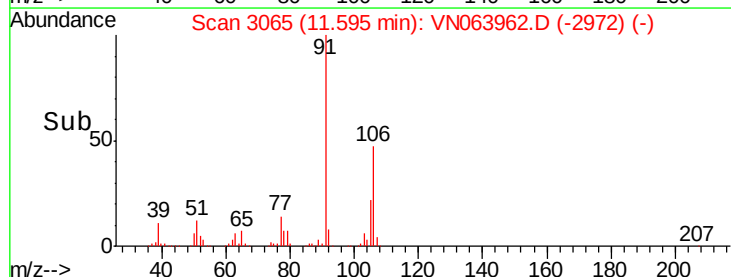
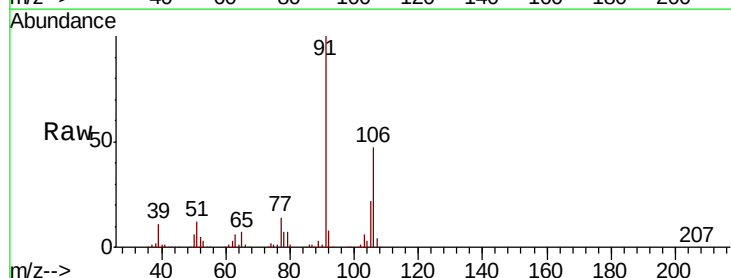
Instrument :
MSVOA_N
ClientSampled :
VN1007WBS02

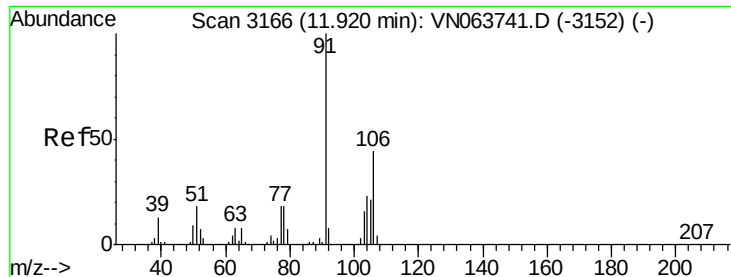
Tot Ion: 91 Resp: 281343
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.2



#68
m/p-Xylenes
Concen: 36.144 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion: 106 Resp: 210842
Ion Ratio Lower Upper
106 100
91 209.5 168.0 252.0

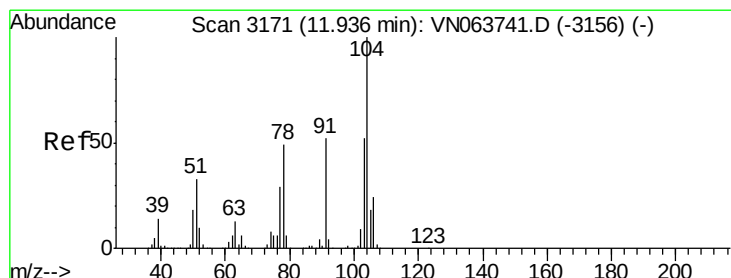
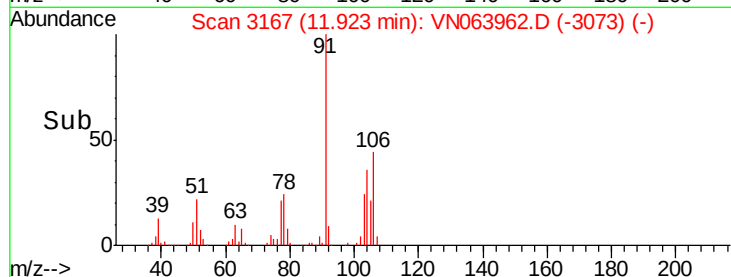
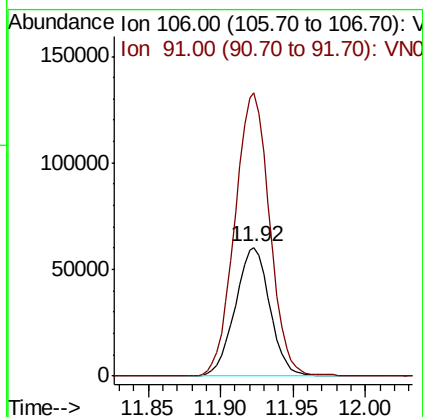
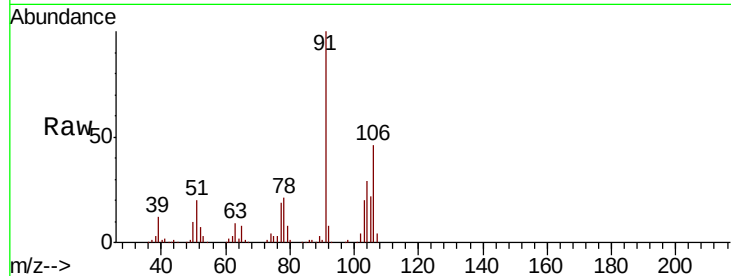




#69
o-Xylene
Concen: 18.279 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

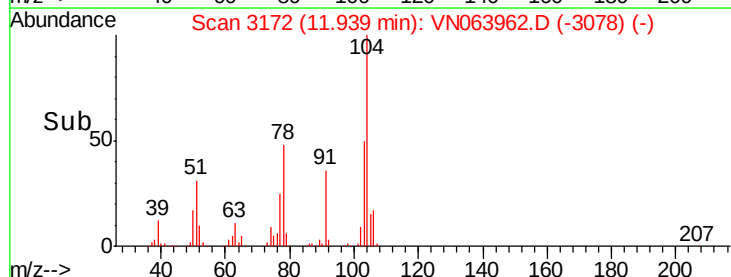
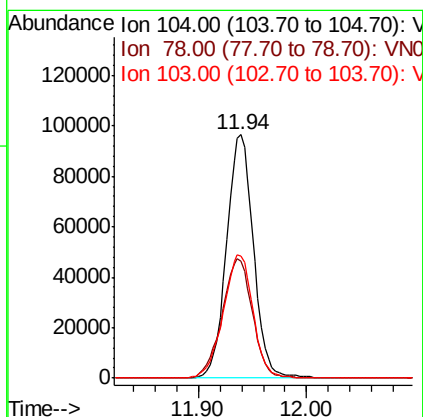
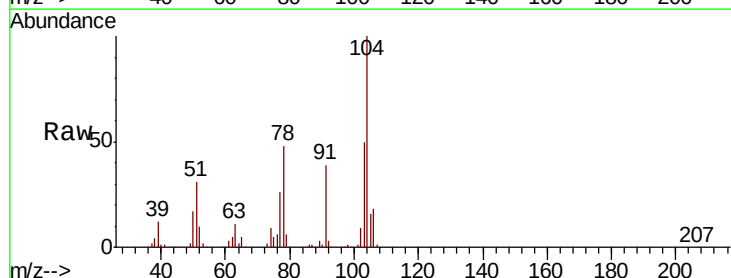
Instrument :
MSVOA_N
ClientSampled :
VN1007WBS02

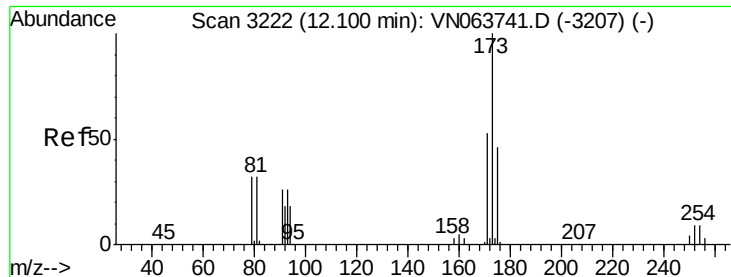
Tot Ion:106 Resp: 99659
Ion Ratio Lower Upper
106 100
91 222.6 112.7 338.0



#70
Styrene
Concen: 18.172 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion:104 Resp: 168186
Ion Ratio Lower Upper
104 100
78 55.2 44.1 66.1
103 55.8 44.3 66.5





#71

Bromoform

Concen: 18.470 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

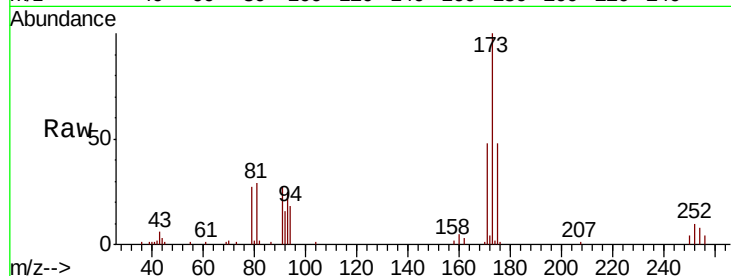
Tot Ion:173 Resp: 46582

Ion Ratio Lower Upper

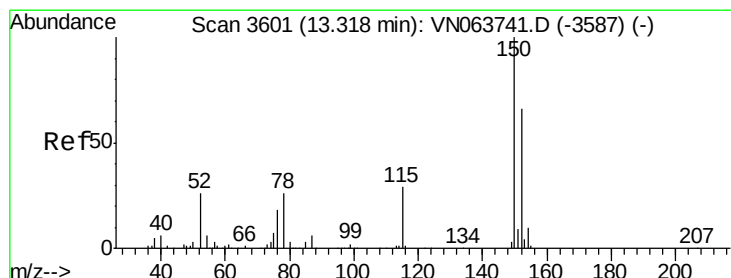
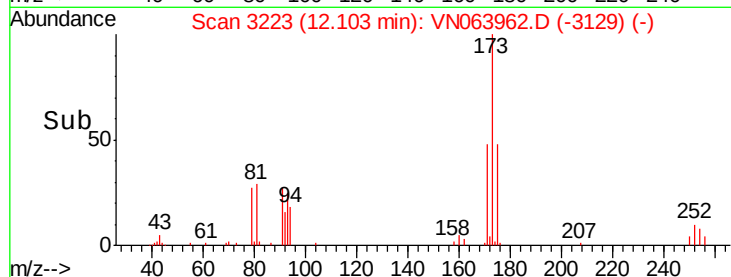
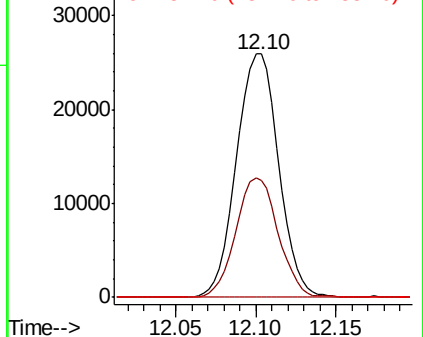
173 100

175 49.2 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: VN063962.D

Acq: 8 Oct 2020 00:29

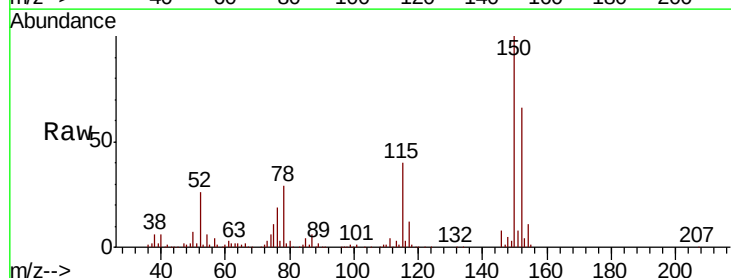
Tgt Ion:152 Resp: 194283

Ion Ratio Lower Upper

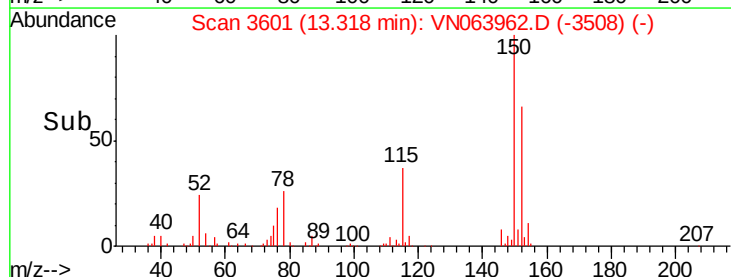
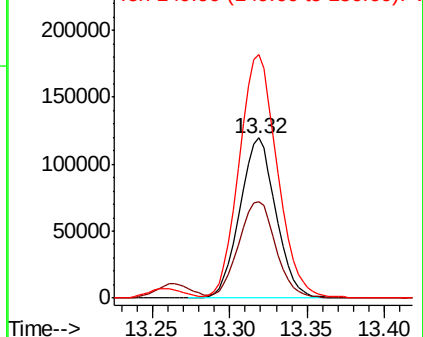
152 100

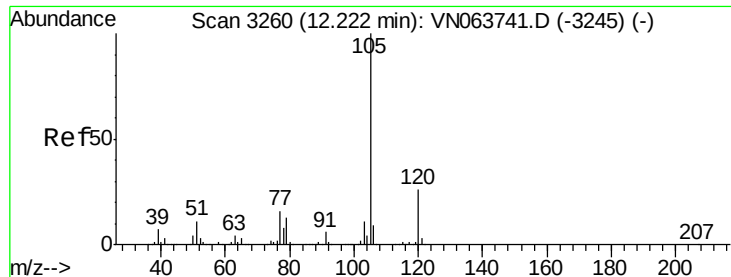
115 61.7 31.3 93.8

150 160.5 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

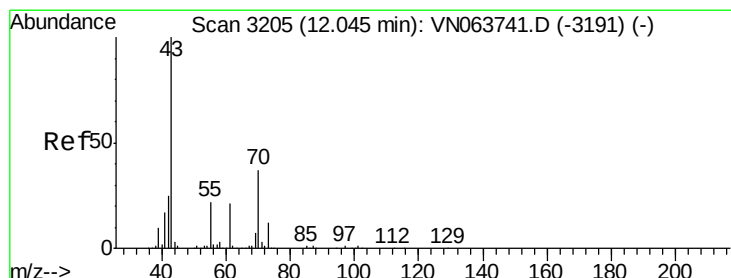
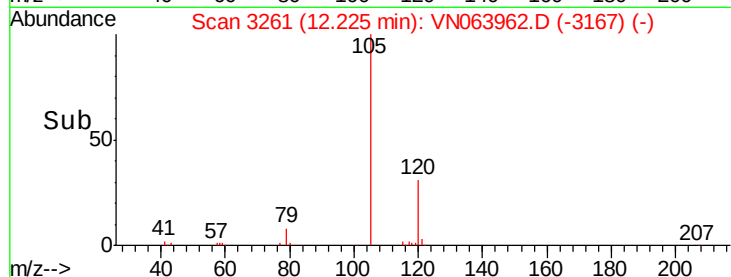
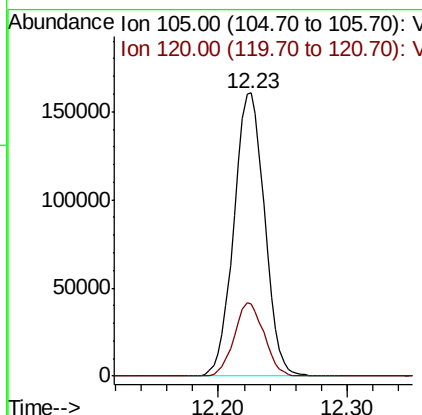
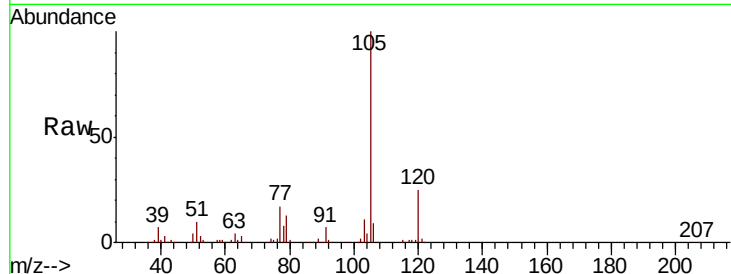




#73
Isopropylbenzene
Concen: 18.747 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

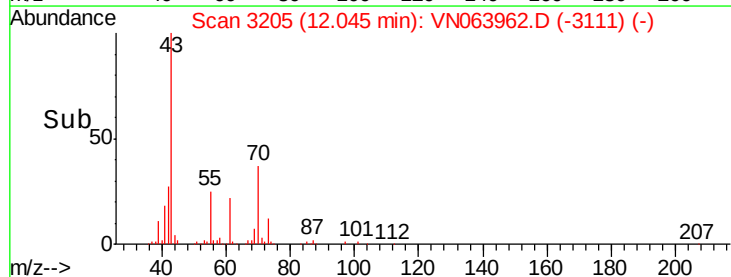
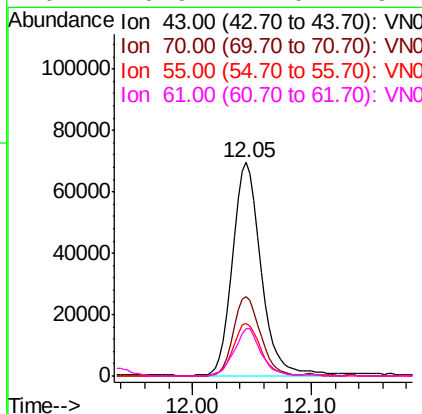
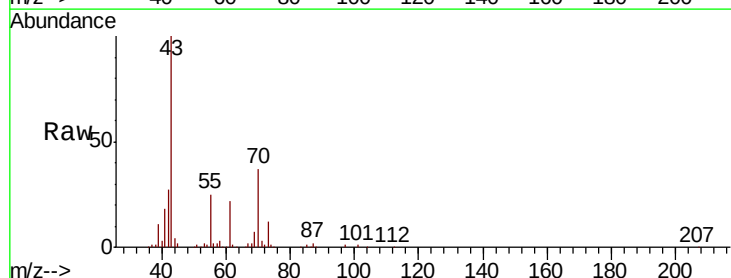
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

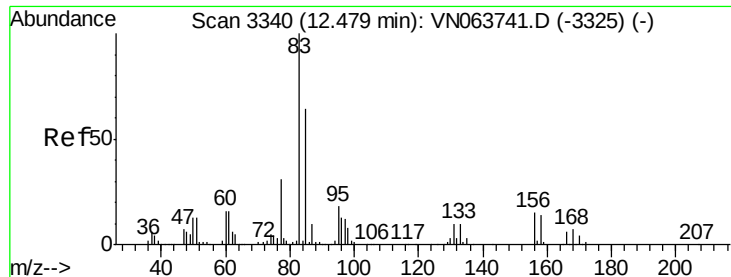
Tot Ion:105 Resp: 265668
Ion Ratio Lower Upper
105 100
120 25.3 12.6 37.8



#74
N-ethyl acetate
Concen: 18.976 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion: 43 Resp: 115509
Ion Ratio Lower Upper
43 100
70 35.6 29.8 44.8
55 23.7 17.9 26.9
61 20.9 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.690 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

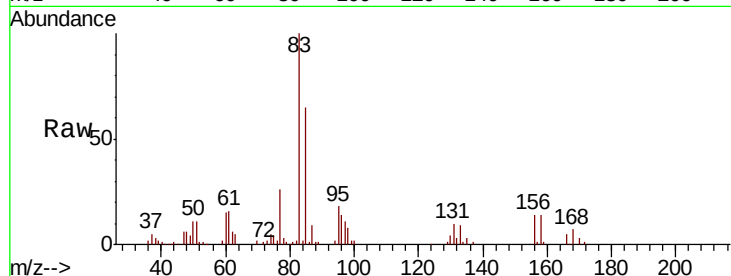
Tot Ion: 83 Resp: 85322

Ion Ratio Lower Upper

83 100

131 9.8 5.3 15.8

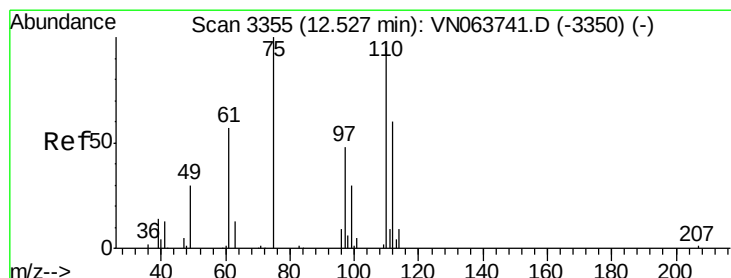
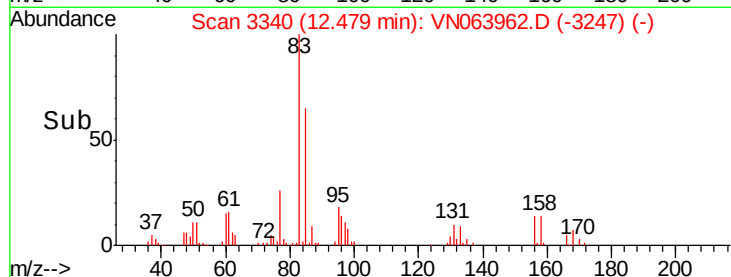
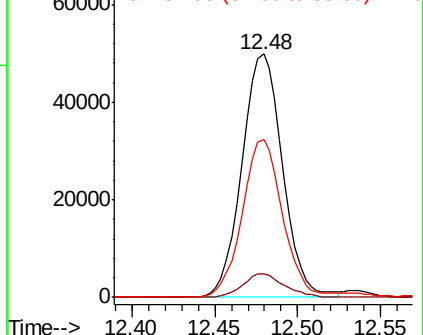
85 65.7 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063962.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063962.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063962.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 27.197 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063962.D

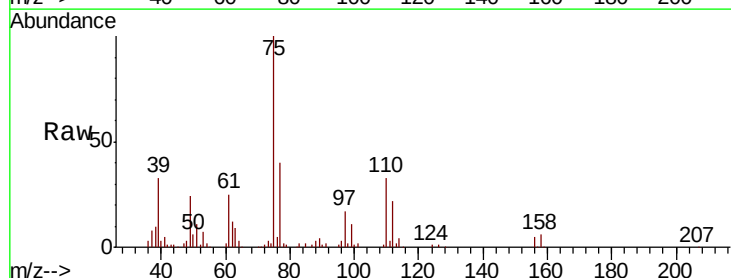
Acq: 8 Oct 2020 00:29

Tgt Ion: 75 Resp: 116480

Ion Ratio Lower Upper

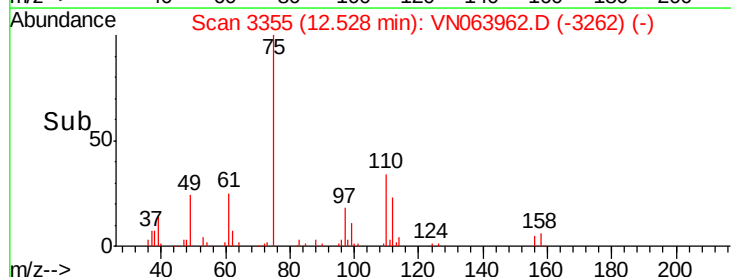
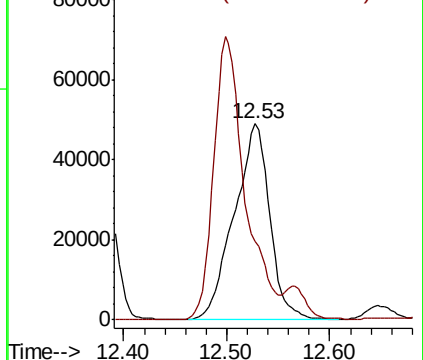
75 100

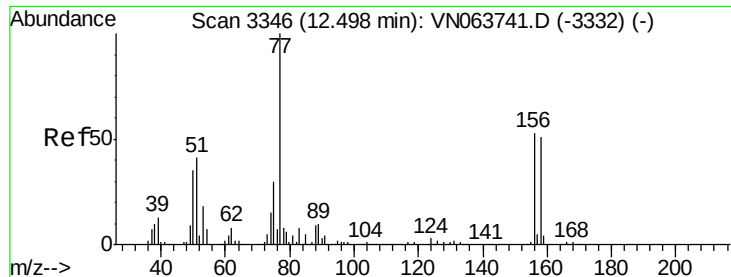
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063962.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063962.D (-3262) (-)





#77

Bromobenzene

Concen: 19.674 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

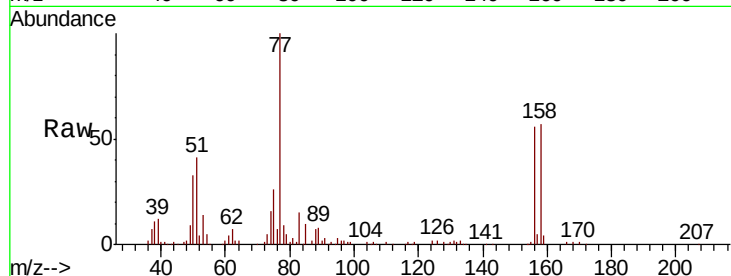
Tot Ion:156 Resp: 68411

Ion Ratio Lower Upper

156 100

77 216.9 110.9 332.7

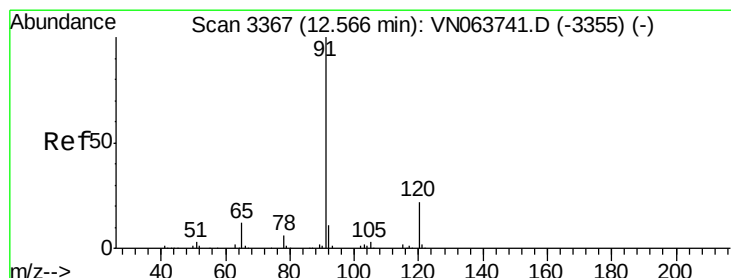
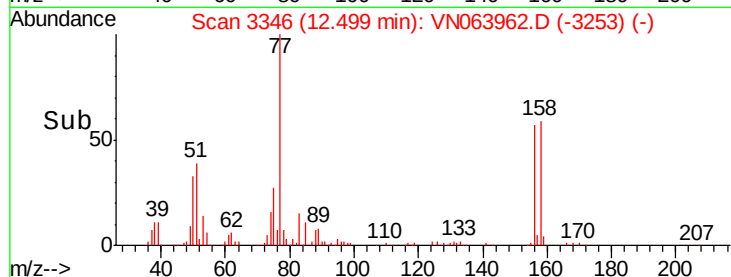
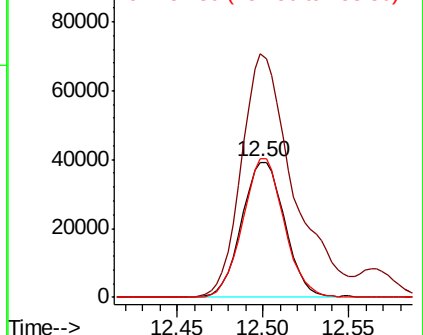
158 98.5 47.7 143.1



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: 17.950 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063962.D

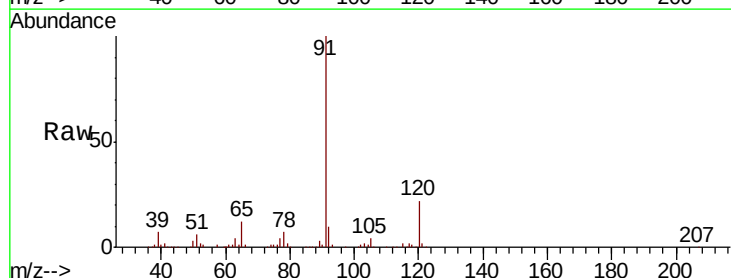
Acq: 8 Oct 2020 00:29

Tgt Ion: 91 Resp: 296029

Ion Ratio Lower Upper

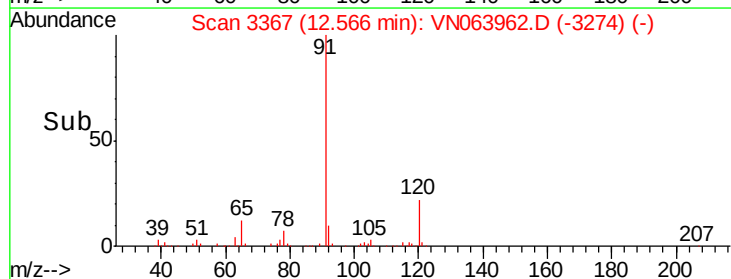
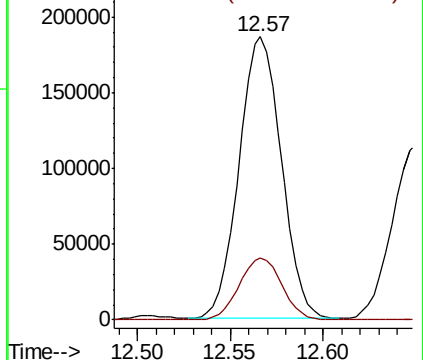
91 100

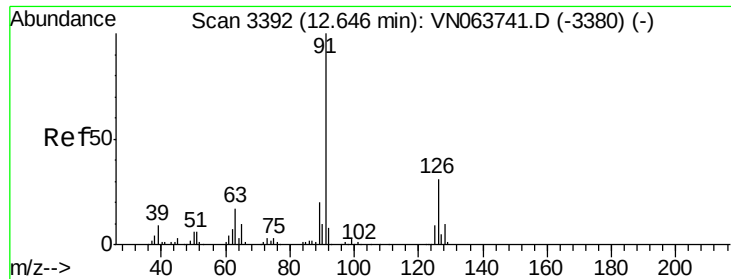
120 22.3 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

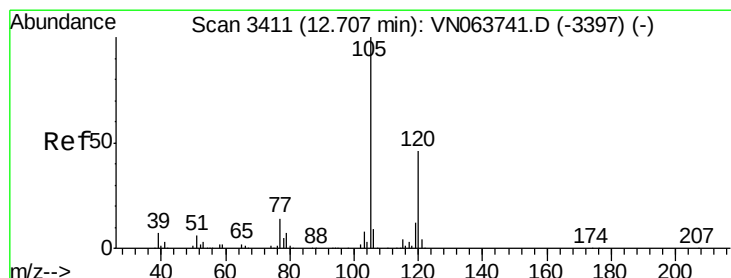
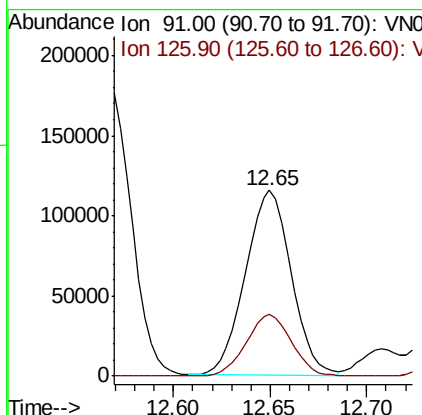
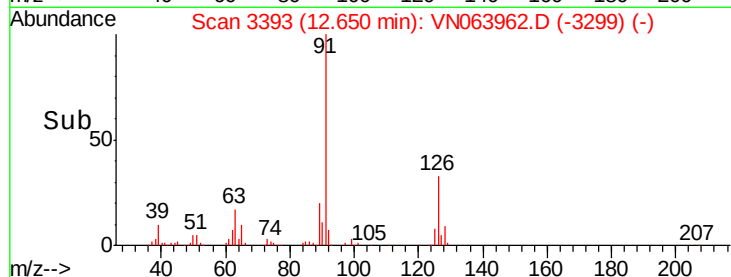
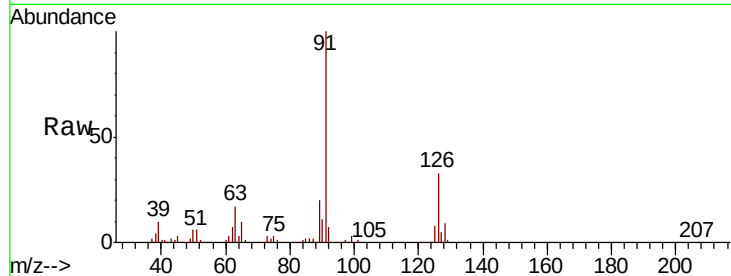




#79
 2-Chlorotoluene
 Concen: 18.731 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

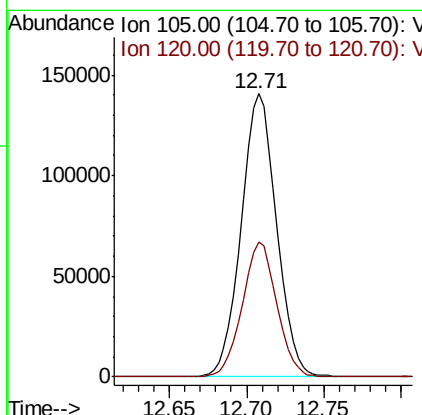
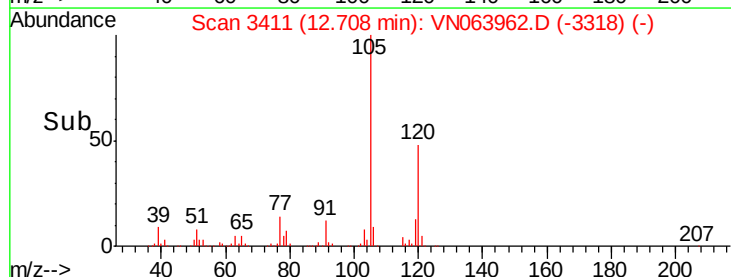
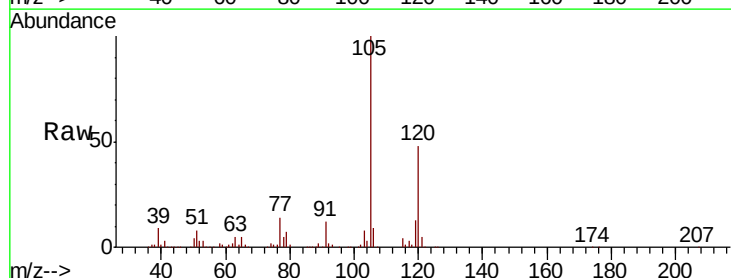
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

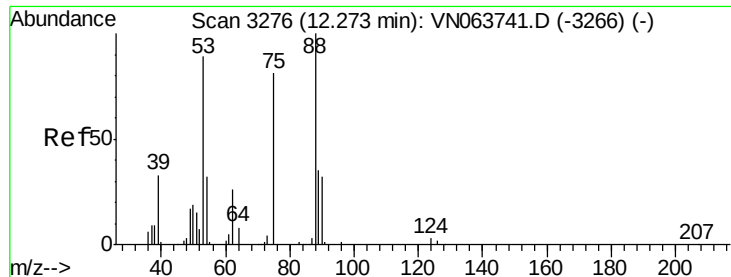
Tot Ion: 91 Resp: 189982
 Ion Ratio Lower Upper
 91 100
 126 32.8 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.720 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion: 105 Resp: 222551
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.3 69.9

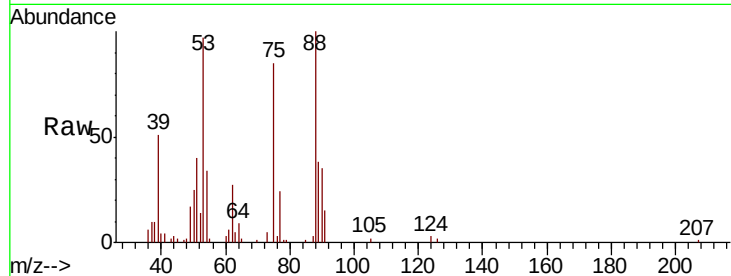




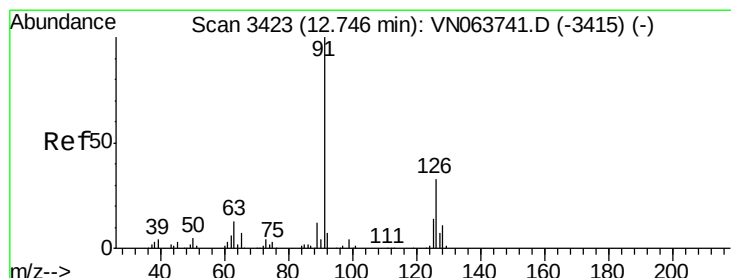
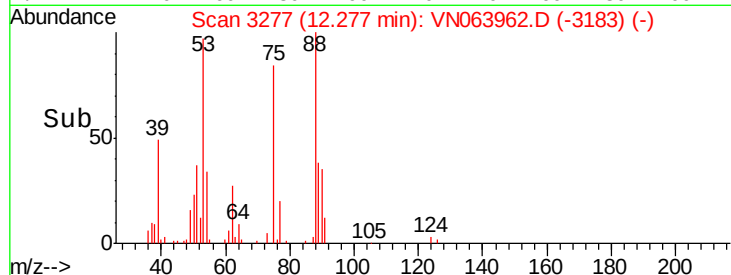
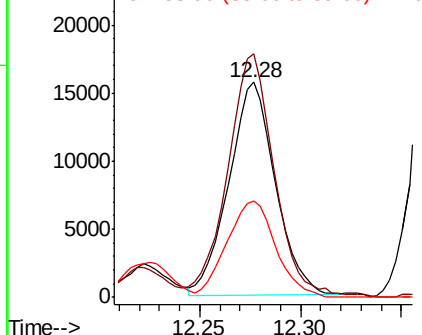
#81
trans-1,4-Dichloro-2-butene
Concen: 16.946 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBS02

Tot Ion: 75 Resp: 25198
Ion Ratio Lower Upper
75 100
53 115.6 88.2 132.2
89 47.6 36.0 54.0

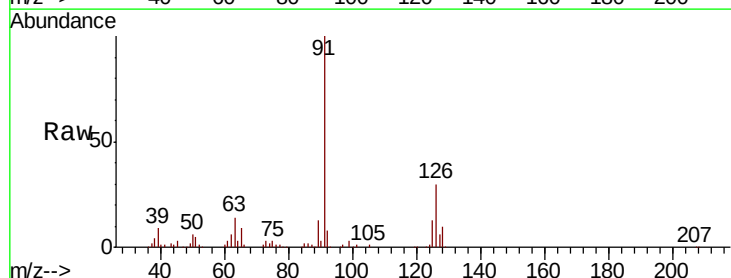


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

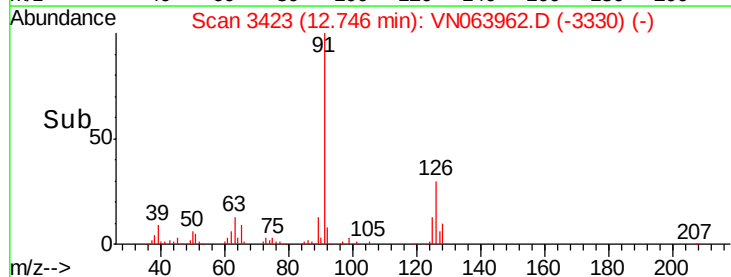
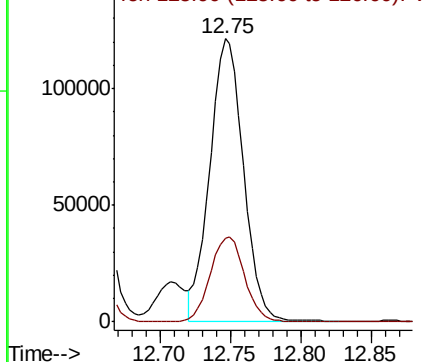


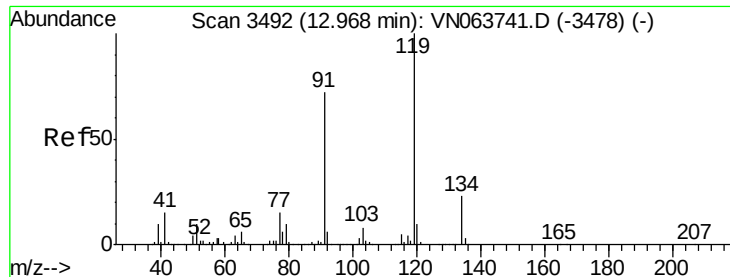
#82
4-Chlorotoluene
Concen: 18.872 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion: 91 Resp: 198708
Ion Ratio Lower Upper
91 100
126 30.8 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.699 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampled :

VN1007WBS02

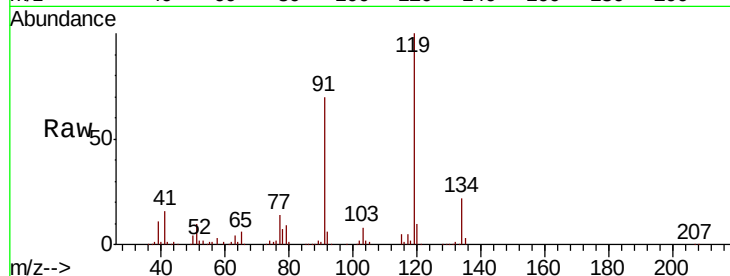
Tot Ion:119 Resp: 181845

Ion Ratio Lower Upper

119 100

91 70.2 35.5 106.5

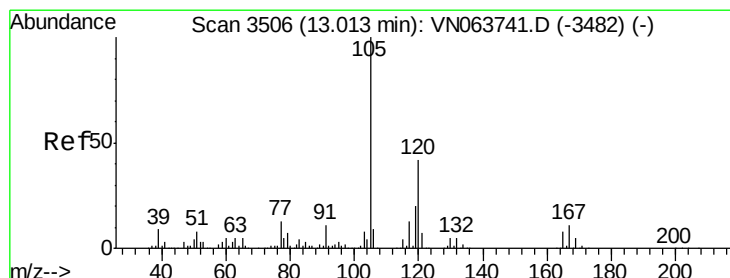
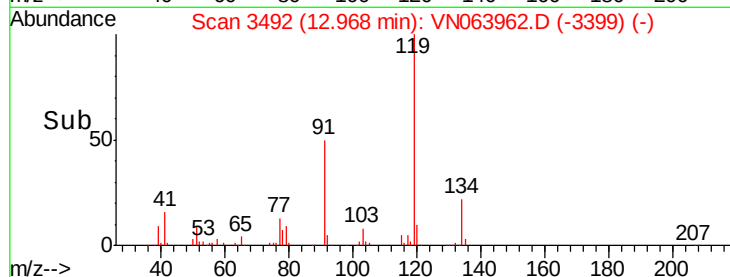
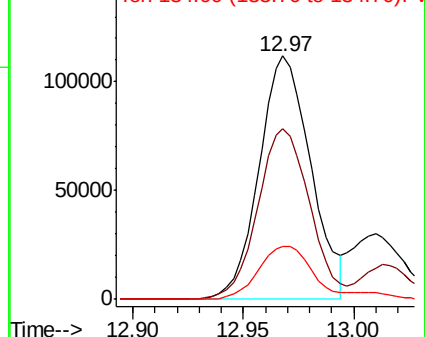
134 22.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.502 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN063962.D

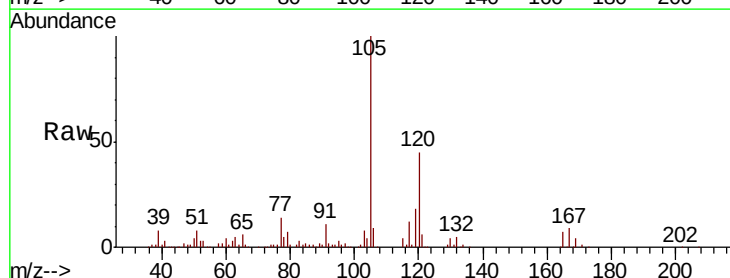
Acq: 8 Oct 2020 00:29

Tgt Ion:105 Resp: 219617

Ion Ratio Lower Upper

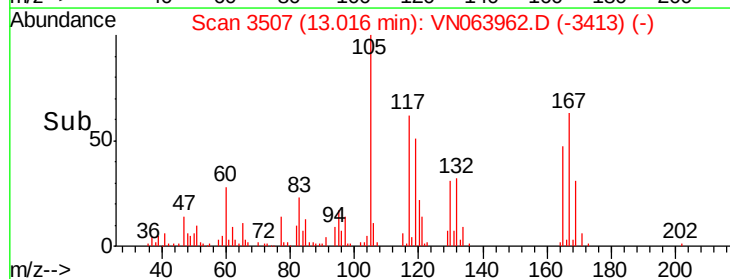
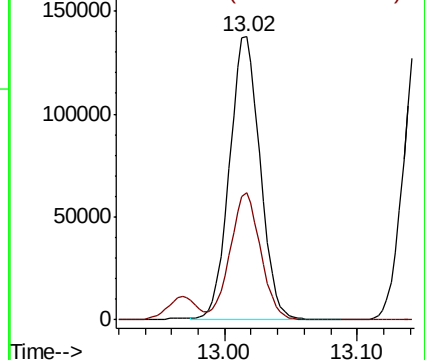
105 100

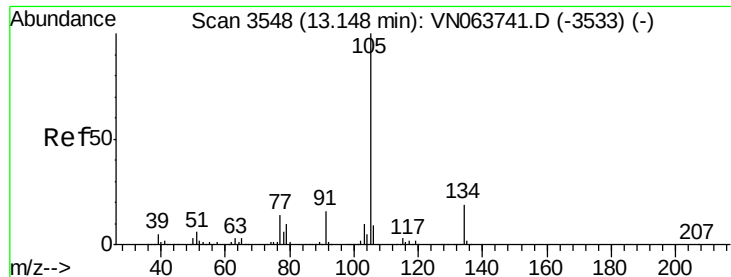
120 45.1 20.9 62.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.144 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

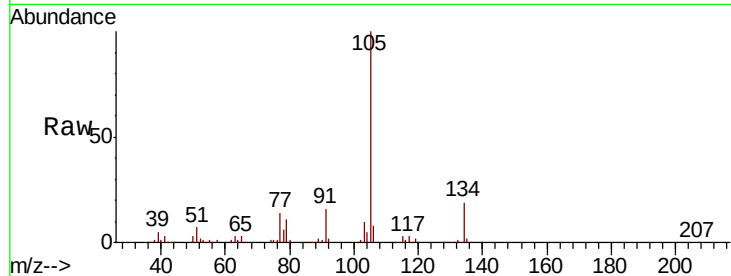
VN1007WBS02

Tot Ion:105 Resp: 231748

Ion Ratio Lower Upper

105 100

134 19.0 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

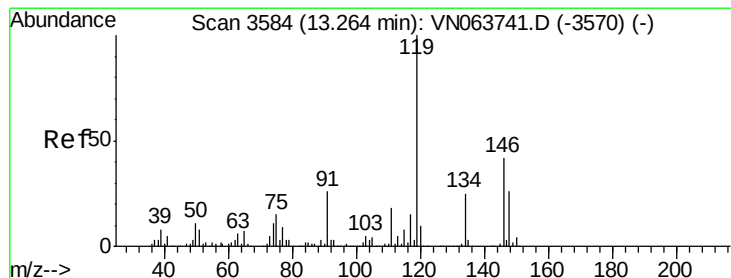
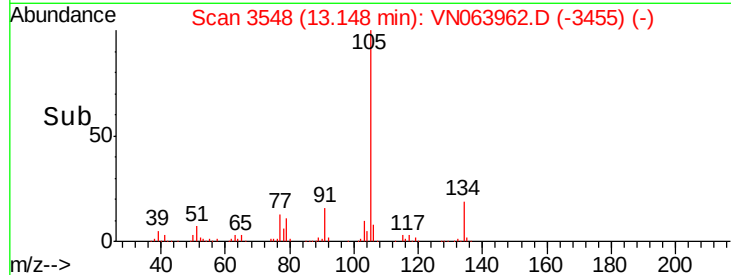
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.419 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

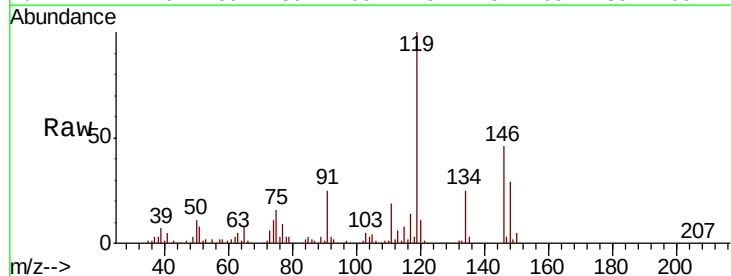
Tgt Ion:119 Resp: 208120

Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.8

91 26.2 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

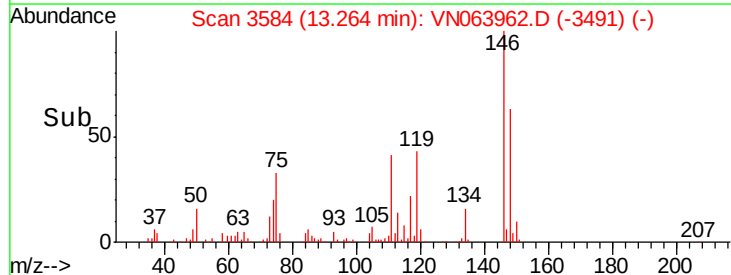
150000

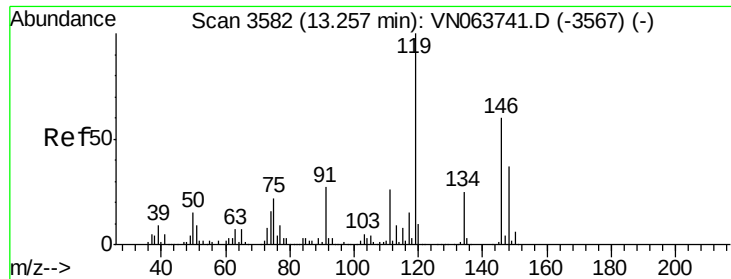
100000

50000

0

Time-->

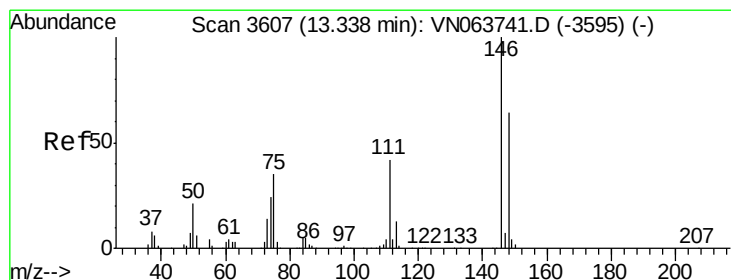
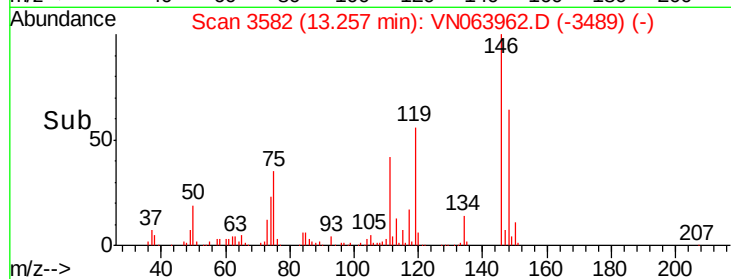
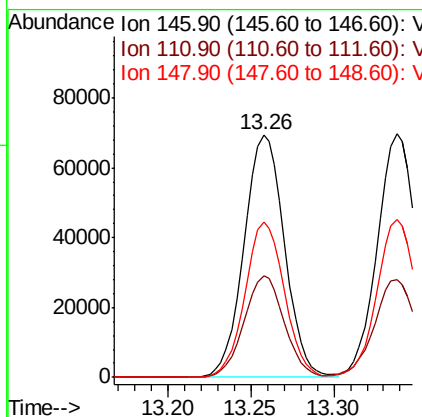
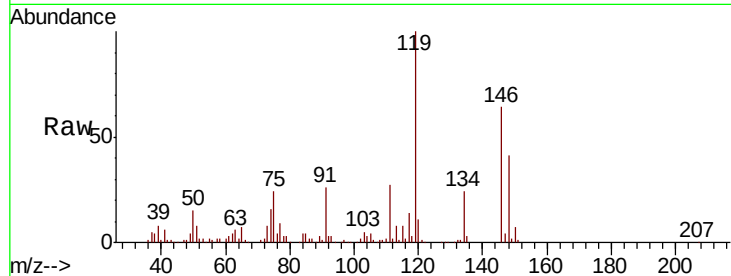




#87
 1,3-Dichlorobenzene
 Concen: 18.701 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

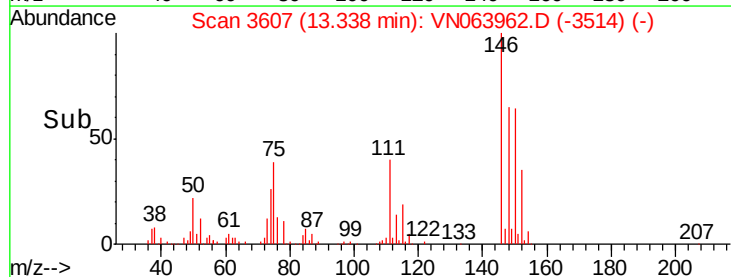
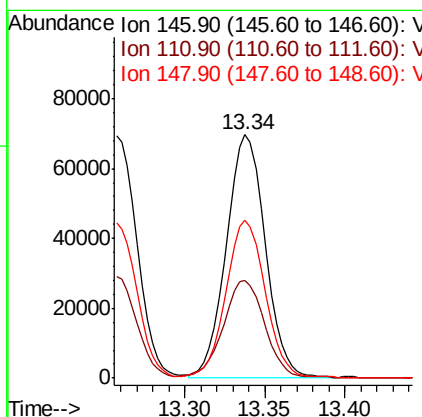
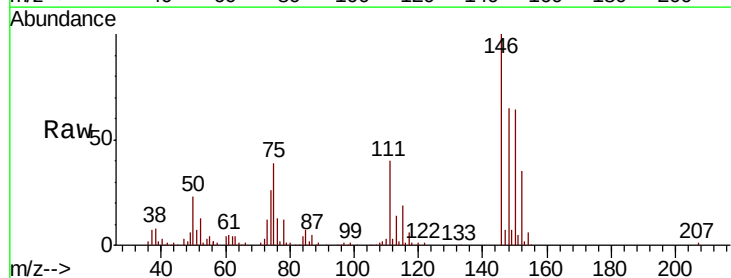
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

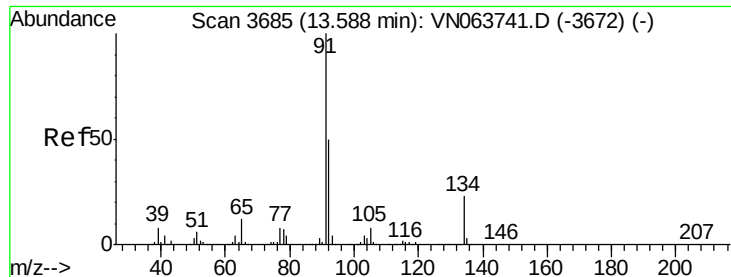
Tot Ion:146 Resp: 117640
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.5 64.5
 148 62.4 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 17.570 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion:146 Resp: 115082
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.3 63.7
 148 66.4 32.0 96.0

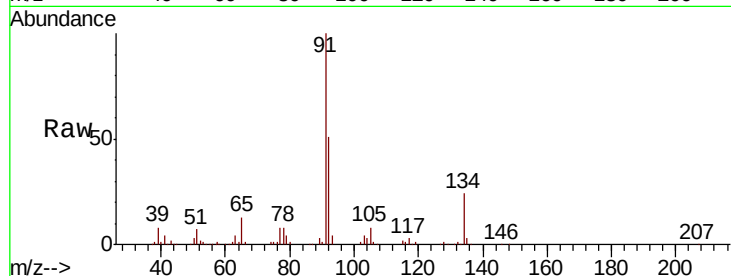




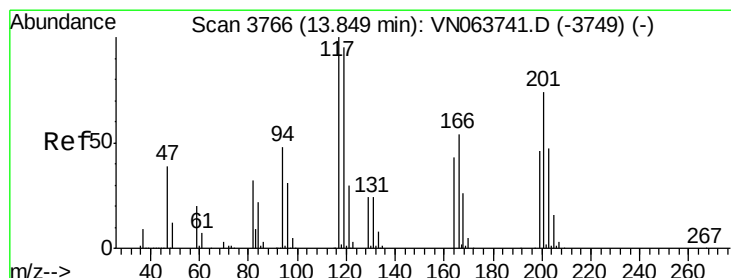
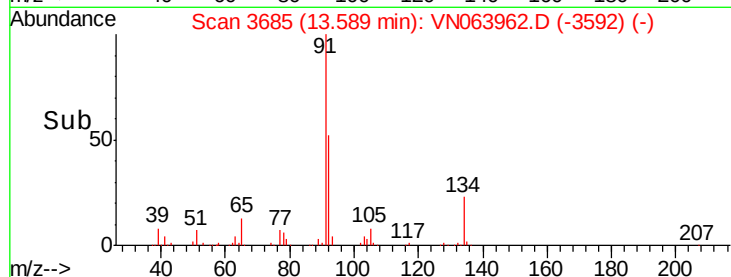
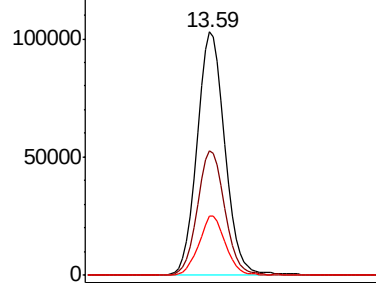
#89
n-Butylbenzene
Concen: 15.980 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Instrument :
MSVOA_N
ClientSampled :
VN1007WBS02

Tot Ion: 91 Resp: 166655
Ion Ratio Lower Upper
91 100
92 50.5 25.4 76.4
134 23.5 11.7 35.1

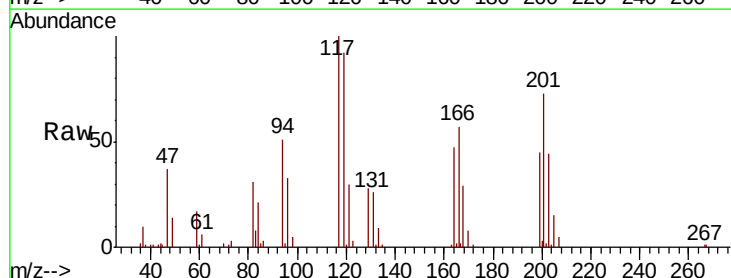


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

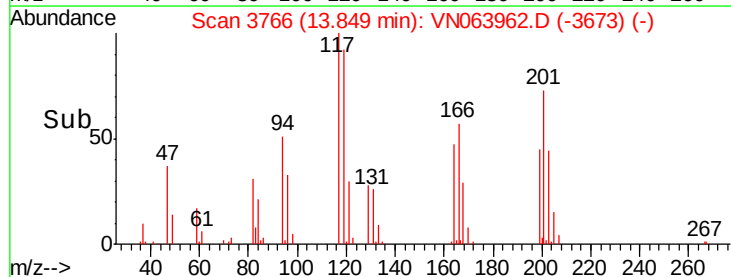
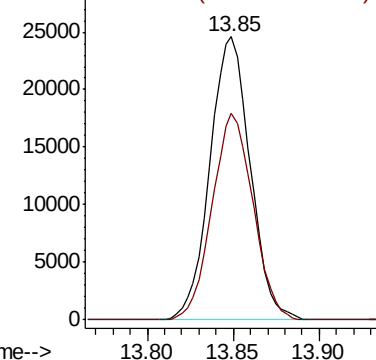


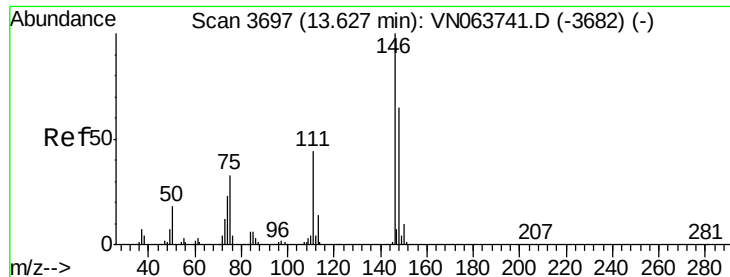
#90
Hexachloroethane
Concen: 18.320 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063962.D
Acq: 8 Oct 2020 00:29

Tgt Ion: 117 Resp: 40113
Ion Ratio Lower Upper
117 100
201 73.9 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

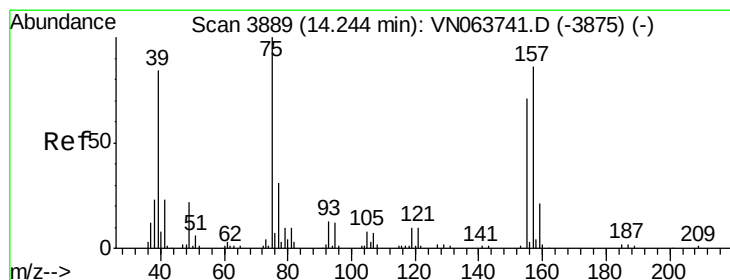
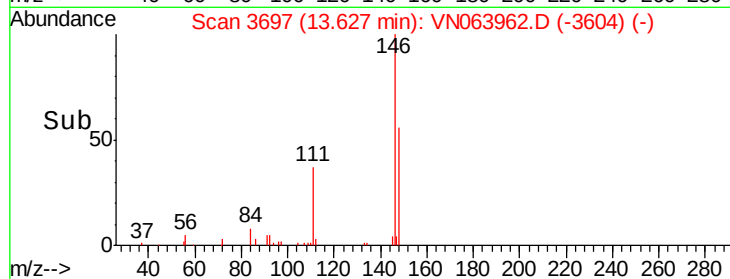
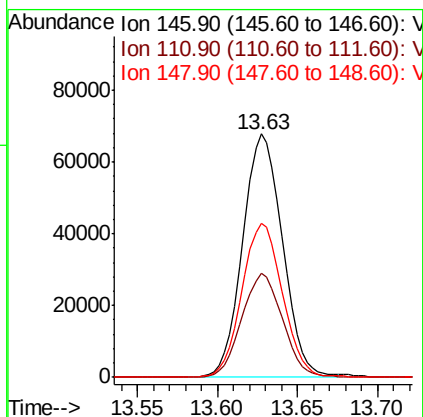
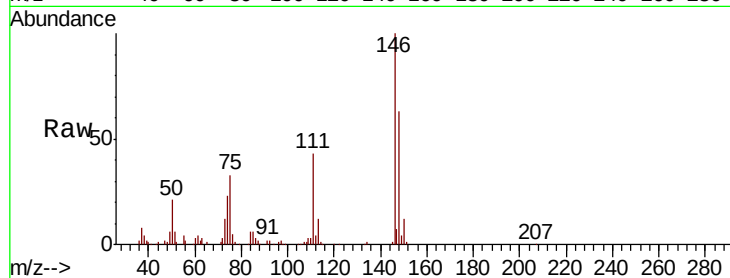




#91
 1,2-Dichlorobenzene
 Concen: 18.510 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

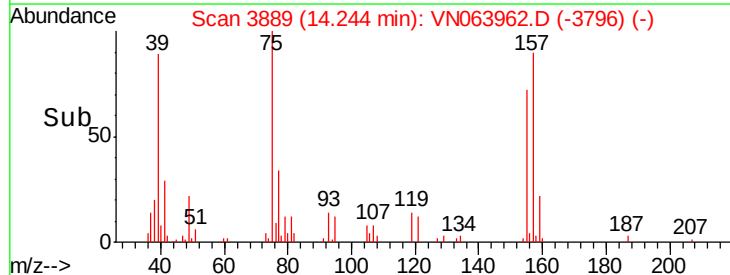
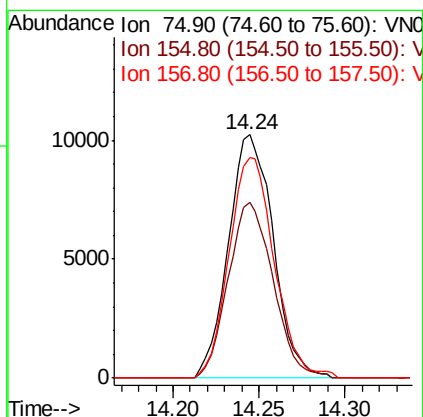
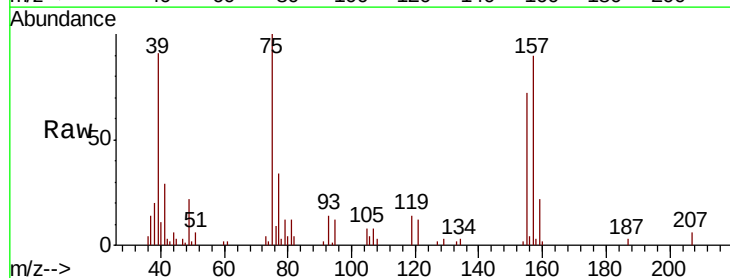
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

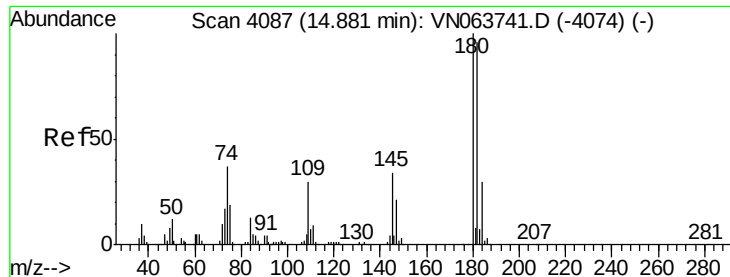
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.2	66.6
148	64.4	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.243 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.5	34.8	104.5
157	91.5	43.7	131.1

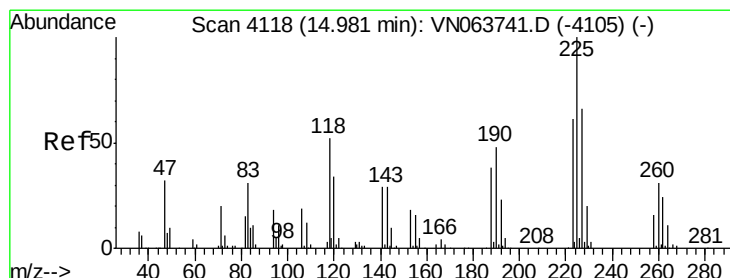
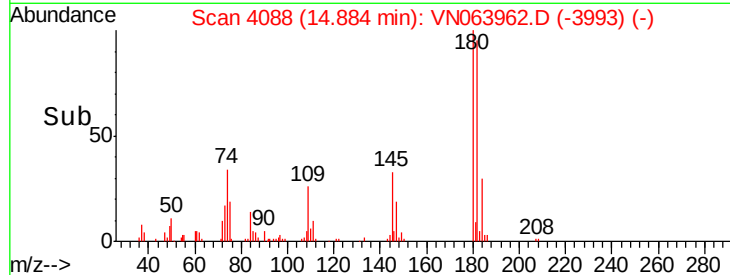
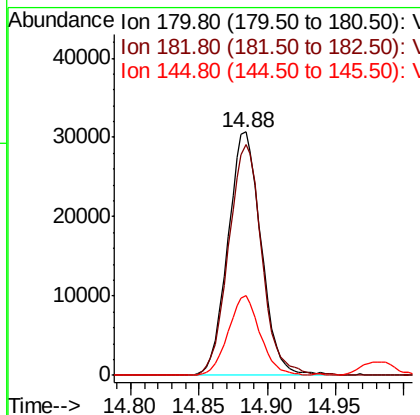
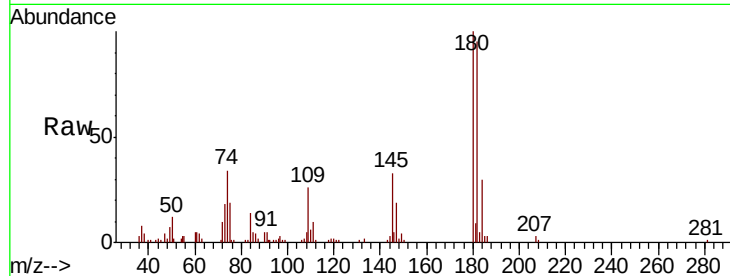




#93
 1,2,4-Trichlorobenzene
 Concen: 16.526 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

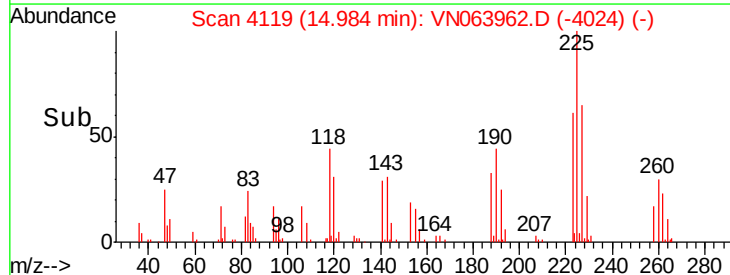
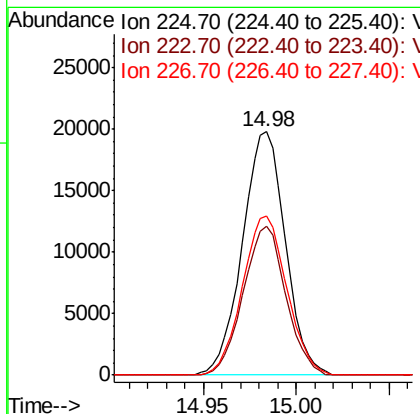
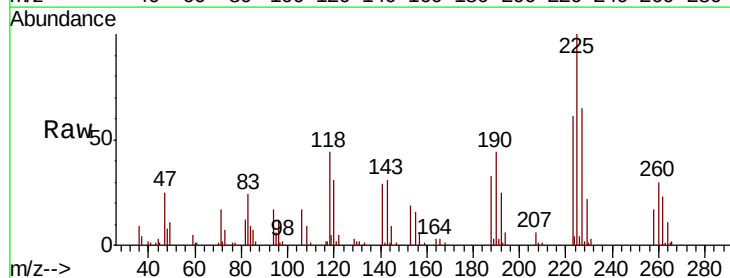
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBS02

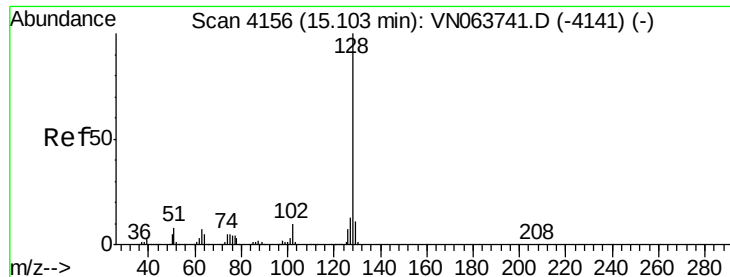
Tot Ion:180 Resp: 51910
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.2 144.6
 145 31.3 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 18.889 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063962.D
 Acq: 8 Oct 2020 00:29

Tgt Ion:225 Resp: 31840
 Ion Ratio Lower Upper
 225 100
 223 60.5 30.3 91.0
 227 67.3 31.9 95.5





#95

Naphthalene

Concen: 15.702 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

Instrument :

MSVOA_N

ClientSampleId :

VN1007WBS02

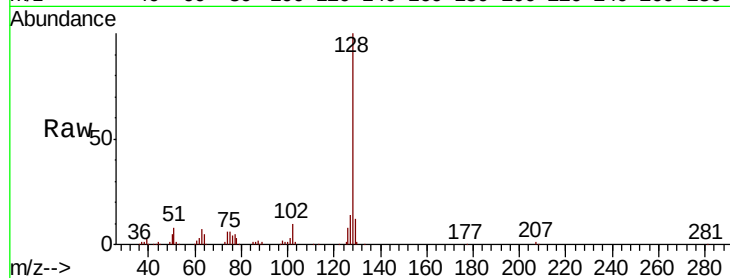
Tot Ion:128 Resp: 150214

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

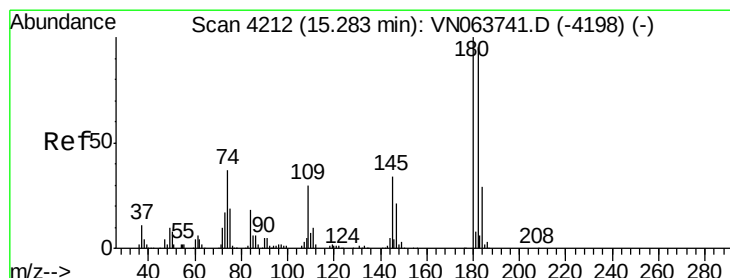
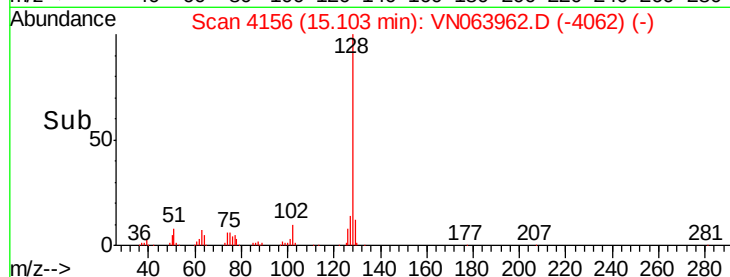
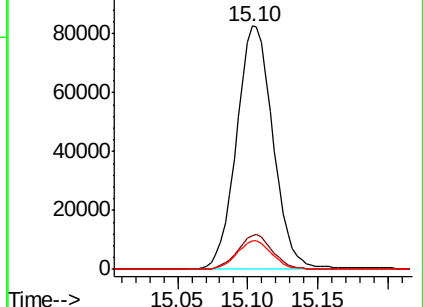
129 11.3 8.7 13.1



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: 16.655 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063962.D

Acq: 8 Oct 2020 00:29

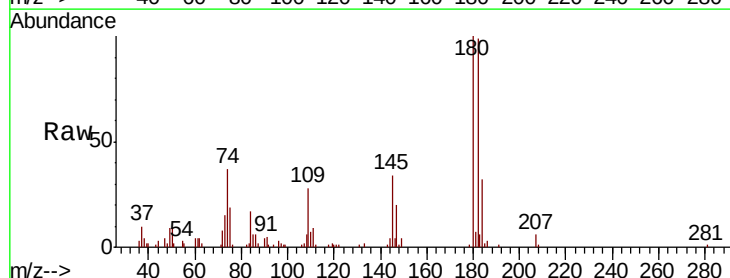
Tgt Ion:180 Resp: 51181

Ion Ratio Lower Upper

180 100

182 98.7 47.9 143.6

145 34.1 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

