

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063051.D
 Acq On : 20 Aug 2020 22:26
 Operator : JC/MD
 Sample : VN0820WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD02

Quant Time: Aug 21 06:38:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	172368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	267420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	253330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	110900	54.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.58%	
35) Dibromofluoromethane	7.55	113	91582	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
50) Toluene-d8	10.06	98	354605	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
62) 4-Bromofluorobenzene	12.38	95	121083	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	44428	19.896	ug/l	99
3) Chloromethane	2.03	50	50501	21.368	ug/l	98
4) Vinyl Chloride	2.16	62	49239	21.543	ug/l	97
5) Bromomethane	2.52	94	29304	21.601	ug/l	96
6) Chloroethane	2.67	64	29281	21.698	ug/l	99
7) Trichlorofluoromethane	2.98	101	57280	20.096	ug/l	97
8) Diethyl Ether	3.37	74	18413	18.261	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29940	19.493	ug/l	97
10) Methyl Iodide	3.91	142	37476	19.250	ug/l	98
11) Tert butyl alcohol	4.74	59	25141	86.883	ug/l	98
12) 1,1-Dichloroethene	3.70	96	26511	18.119	ug/l	97
13) Acrolein	3.57	56	4019	44.335	ug/l	98
14) Allyl chloride	4.27	41	48033	18.619	ug/l	99
15) Acrylonitrile	4.93	53	82070	96.496	ug/l	99
16) Acetone	3.78	43	65972	101.224	ug/l	97
17) Carbon Disulfide	4.01	76	72933	19.034	ug/l	99
18) Methyl Acetate	4.28	43	39912	19.660	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	99874	19.573	ug/l	98
20) Methylene Chloride	4.51	84	37065	19.771	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	30251	19.757	ug/l	98
22) Diisopropyl ether	5.91	45	120822	20.639	ug/l	97
23) Vinyl Acetate	5.85	43	368780	93.351	ug/l	99
24) 1,1-Dichloroethane	5.80	63	64462	19.705	ug/l	99
25) 2-Butanone	6.79	43	102887	94.864	ug/l	99
26) 2,2-Dichloropropane	6.78	77	43102	16.754	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	37088	19.325	ug/l	98
28) Bromochloromethane	7.15	49	32884	19.212	ug/l	97
29) Tetrahydrofuran	7.17	42	68034	97.194	ug/l	99
30) Chloroform	7.33	83	65355	19.837	ug/l	100
31) Cyclohexane	7.61	56	58606	19.465	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	52210	19.411	ug/l	99
36) 1,1-Dichloropropene	7.75	75	43757	18.567	ug/l	99
37) Ethyl Acetate	6.89	43	41524	18.804	ug/l	99
38) Carbon Tetrachloride	7.73	117	44815	18.836	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51105	17.123	ug/l	96
40) Benzene	8.00	78	141166	18.886	ug/l	99
41) Methacrylonitrile	7.17	41	62315	59.229	ug/l #	18
42) 1,2-Dichloroethane	8.09	62	50020	19.930	ug/l	99
43) Isopropyl Acetate	8.13	43	67681	18.501	ug/l #	88
44) Trichloroethene	8.80	130	34923	18.784	ug/l	98
45) 1,2-Dichloropropane	9.09	63	41645	19.275	ug/l	100
46) Dibromomethane	9.18	93	24563	19.680	ug/l	98
47) Bromodichloromethane	9.37	83	52693	19.275	ug/l	98
48) Methyl methacrylate	9.17	41	32152	18.575	ug/l	98
49) 1,4-Dioxane	9.17	88	11865	322.029	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	219858	95.079	ug/l	98
52) Toluene	10.12	92	87891	19.493	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	52311	18.504	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	57471	18.532	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	37194	19.292	ug/l	99
56) Ethyl methacrylate	10.40	69	48524	17.469	ug/l	97
57) 1,3-Dichloropropane	10.68	76	60638	18.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	47295	74.344	ug/l	98
59) 2-Hexanone	10.72	43	151579	93.977	ug/l	96
60) Dibromochloromethane	10.87	129	40218	18.850	ug/l	99
61) 1,2-Dibromoethane	10.98	107	35747	19.297	ug/l	99
64) Tetrachloroethene	10.60	164	32234	19.357	ug/l	97
65) Chlorobenzene	11.41	112	96460	18.959	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	37736	19.069	ug/l	100
67) Ethyl Benzene	11.49	91	159793	18.587	ug/l	99
68) m/p-Xylenes	11.60	106	122914	38.468	ug/l	99
69) o-Xylene	11.92	106	57337	18.687	ug/l	98
70) Styrene	11.94	104	100864	17.852	ug/l	99
71) Bromoform	12.10	173	29284	18.591	ug/l #	99
73) Isopropylbenzene	12.23	105	157680	19.564	ug/l	98
74) N-amyl acetate	12.05	43	56194	19.467	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	54193	19.821	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	64479	28.185	ug/l #	100
77) Bromobenzene	12.50	156	43309	19.538	ug/l	99
78) n-propylbenzene	12.57	91	184090	20.039	ug/l	99
79) 2-Chlorotoluene	12.65	91	112117	19.403	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	132314	19.859	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	14431	17.325	ug/l	90
82) 4-Chlorotoluene	12.75	91	116356	19.776	ug/l	99
83) tert-Butylbenzene	12.97	119	113536	19.744	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	128186	19.749	ug/l	99
85) sec-Butylbenzene	13.15	105	151359	19.476	ug/l	100
86) p-Isopropyltoluene	13.26	119	130041	19.204	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	73649	19.333	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	73743	19.072	ug/l	99
89) n-Butylbenzene	13.59	91	99415	17.402	ug/l	99
90) Hexachloroethane	13.85	117	27126	18.847	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	71196	19.348	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8537	21.032	ug/l	94

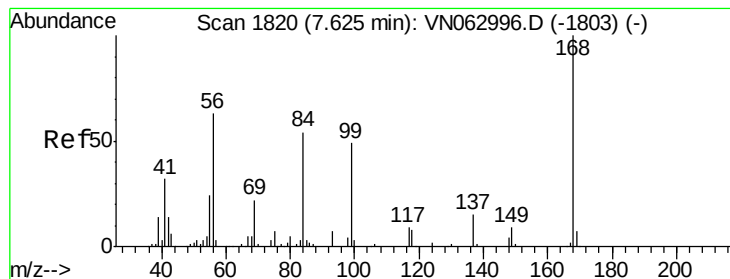
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	30791	18.268	ug/l	99
94) Hexachlorobutadiene	14.98	225	23982	17.637	ug/l	99
95) Naphthalene	15.10	128	66018	18.114	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	31288	18.372	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

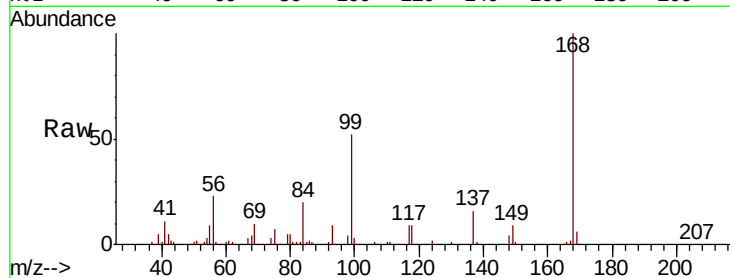
VN0820WBSD02

Tot Ion:168 Resp: 172368

Ion Ratio Lower Upper

168 100

99 51.6 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

60000

40000

20000

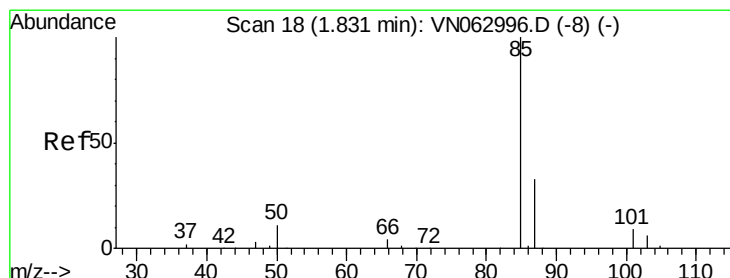
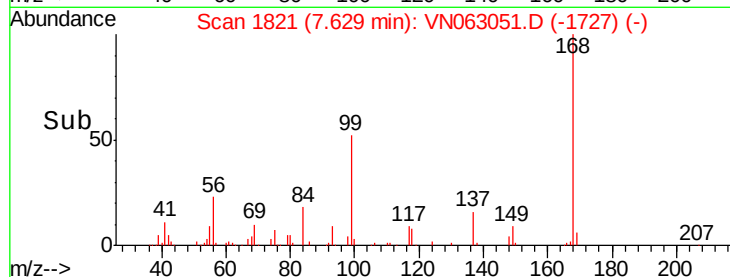
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.896 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN063051.D

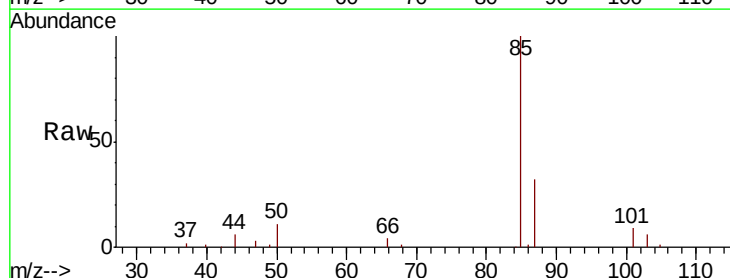
Acq: 20 Aug 2020 22:26

Tgt Ion: 85 Resp: 44428

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

20000

10000

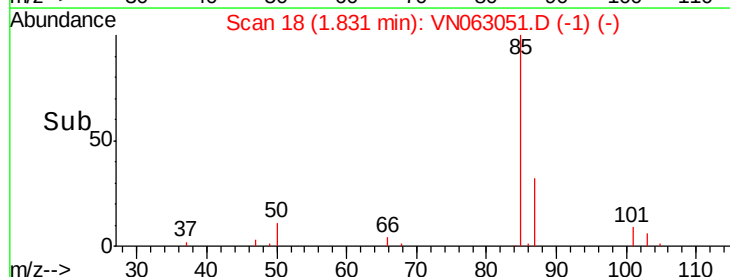
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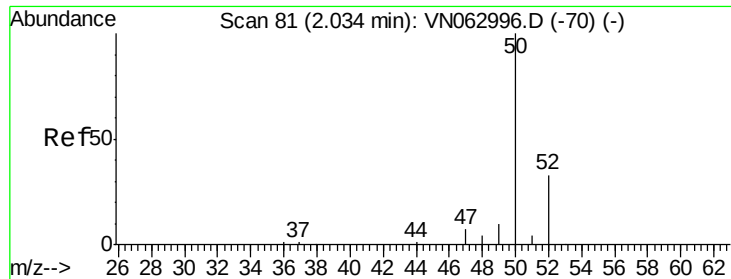
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 21.368 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

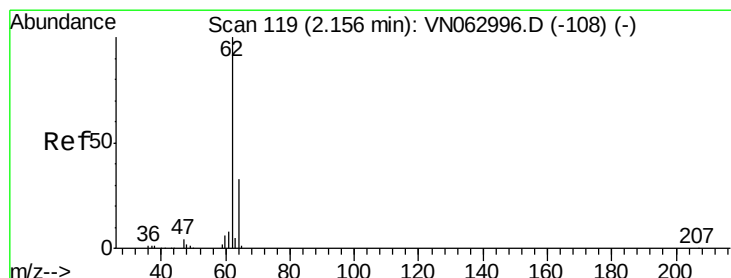
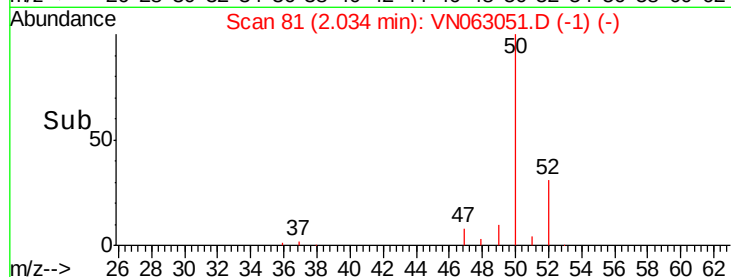
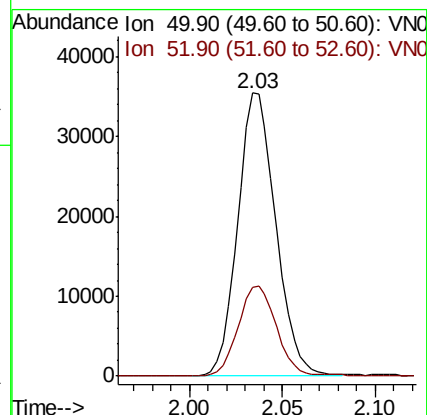
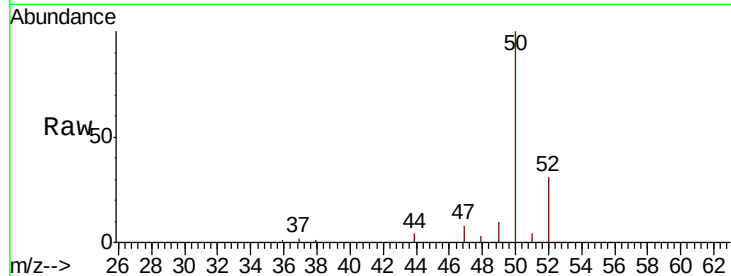
VN0820WBSD02

Tot Ion: 50 Resp: 50501

Ion Ratio Lower Upper

50 100

52 31.4 26.0 39.0



#4

Vinyl Chloride

Concen: 21.543 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN063051.D

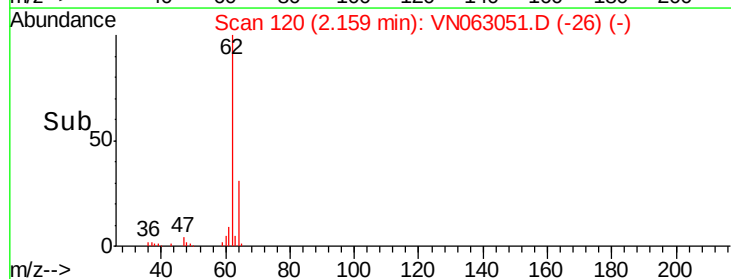
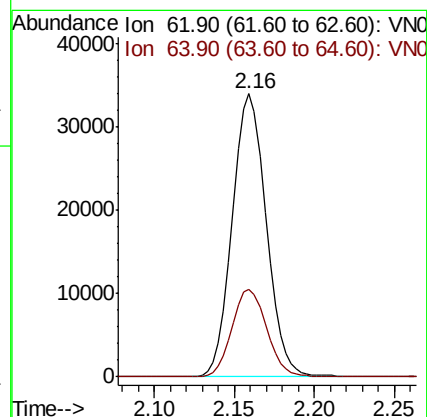
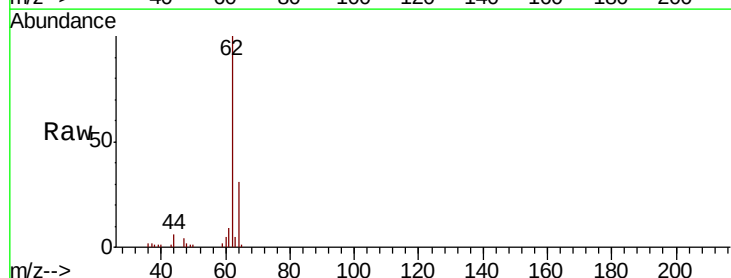
Acq: 20 Aug 2020 22:26

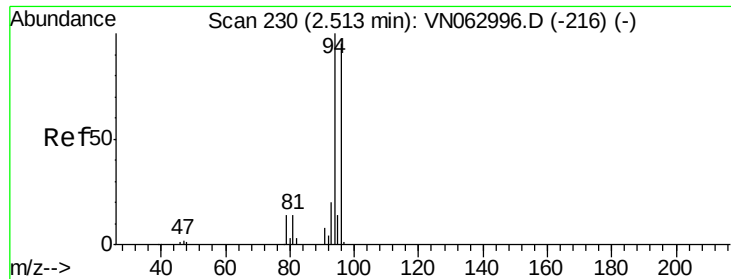
Tgt Ion: 62 Resp: 49239

Ion Ratio Lower Upper

62 100

64 31.0 26.2 39.2





#5

Bromomethane

Concen: 21.601 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.01 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

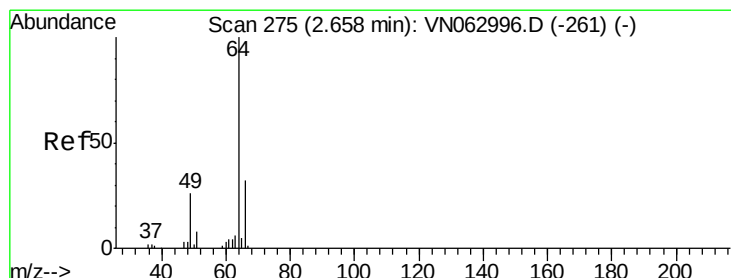
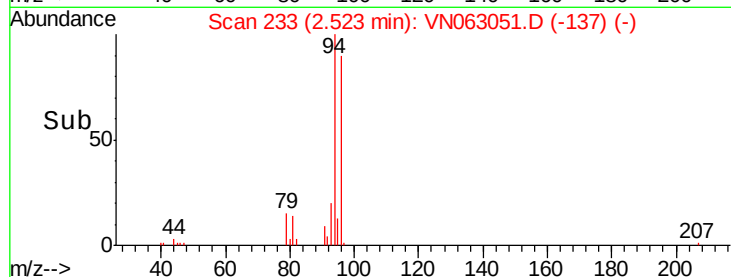
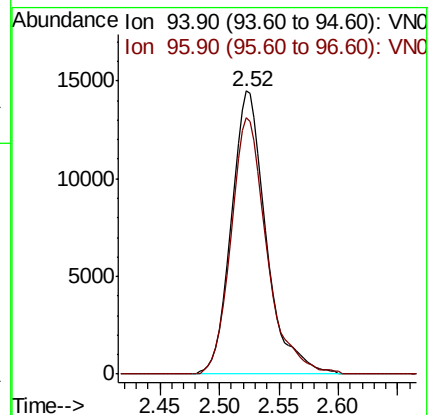
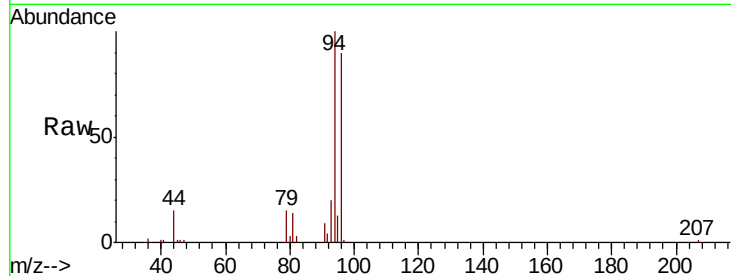
VN0820WBSD02

Tot Ion: 94 Resp: 29304

Ion Ratio Lower Upper

94 100

96 90.5 75.8 113.8



#6

Chloroethane

Concen: 21.698 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.01 min

Lab File: VN063051.D

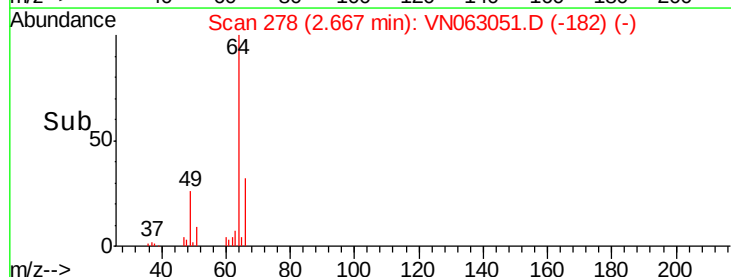
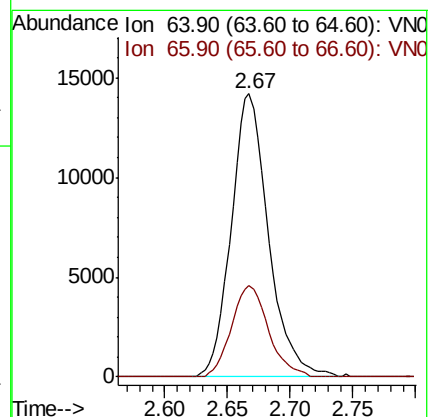
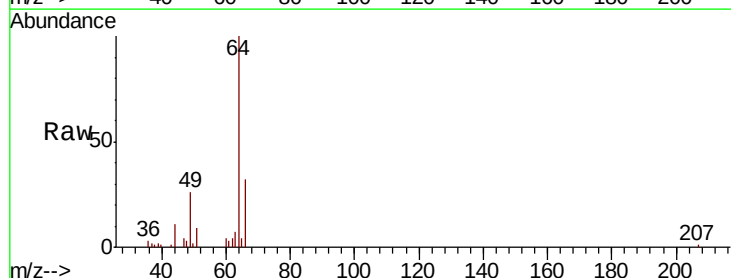
Acq: 20 Aug 2020 22:26

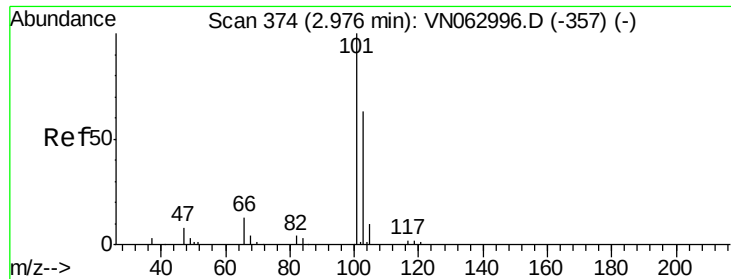
Tgt Ion: 64 Resp: 29281

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.0



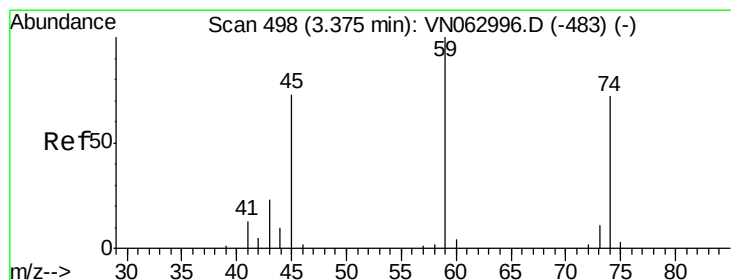
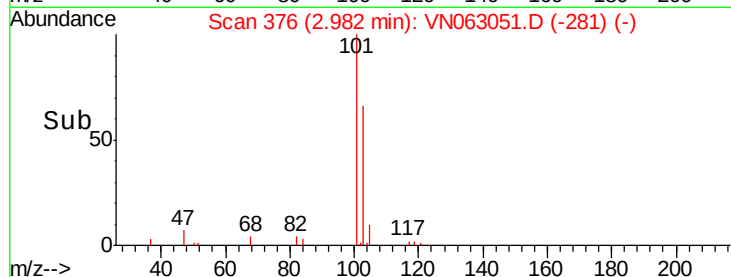
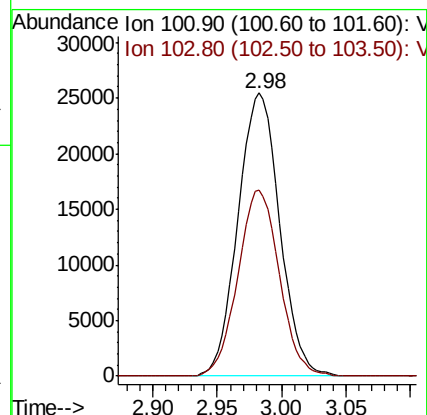
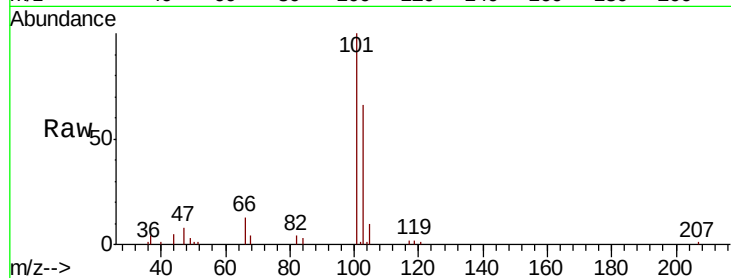


#7

Trichlorofluoromethane
Concen: 20.096 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.01 min
Lab File: VN063051.D
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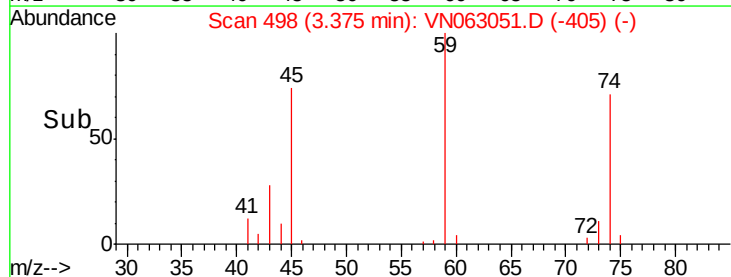
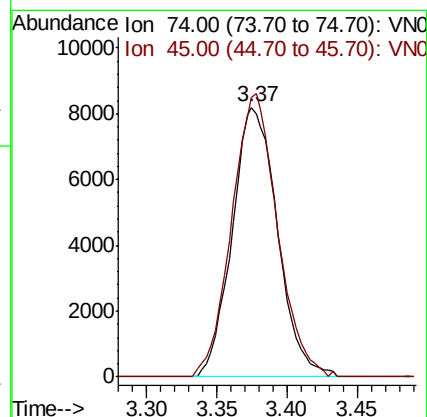
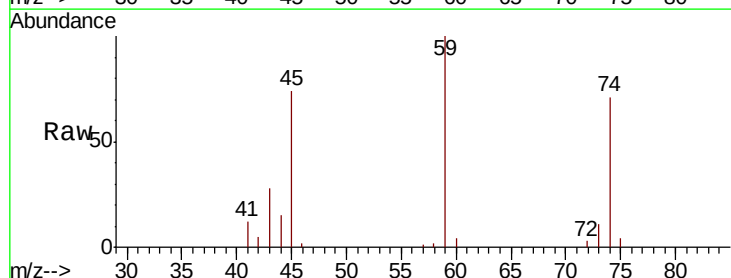
Tot Ion:101 Resp: 57280
Ion Ratio Lower Upper
101 100
103 65.7 50.5 75.7

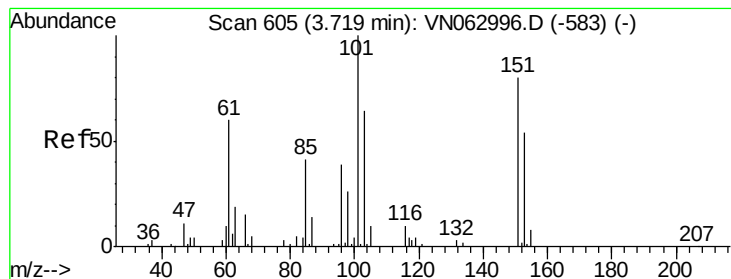


#8

Diethyl Ether
Concen: 18.261 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion: 74 Resp: 18413
Ion Ratio Lower Upper
74 100
45 105.9 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.493 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD02

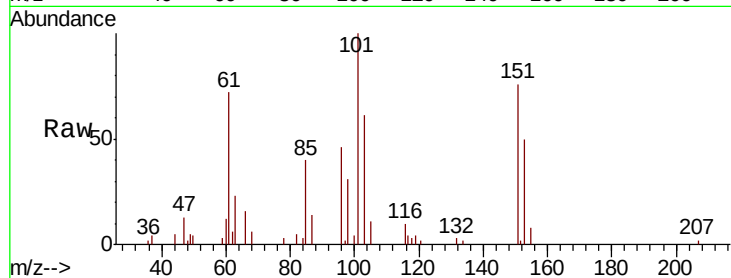
Tot Ion:101 Resp: 29940

Ion Ratio Lower Upper

101 100

85 41.6 34.0 51.0

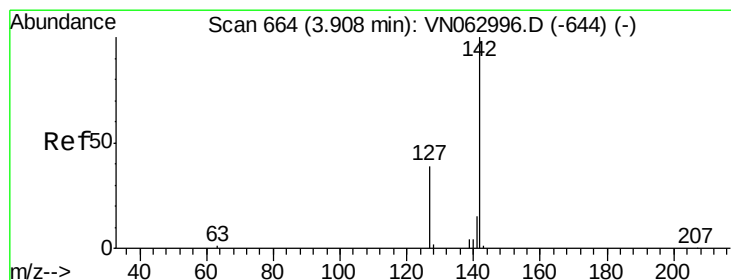
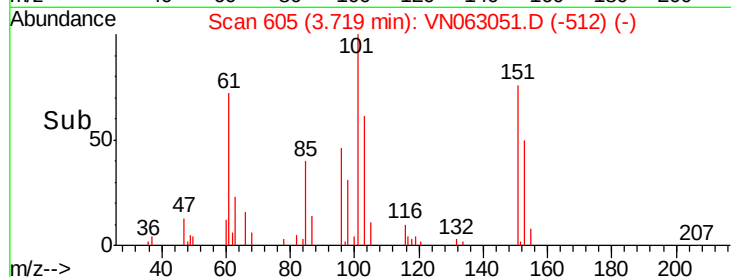
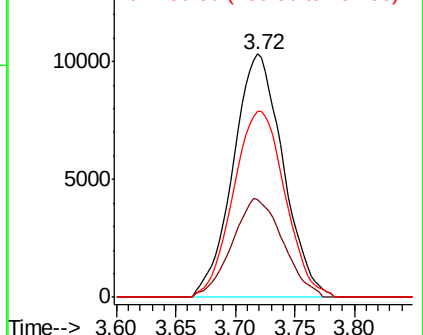
151 79.2 65.8 98.8



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: 19.250 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

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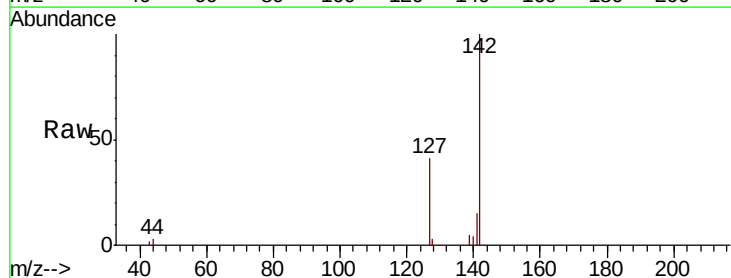
Tgt Ion:142 Resp: 37476

Ion Ratio Lower Upper

142 100

127 41.7 32.2 48.4

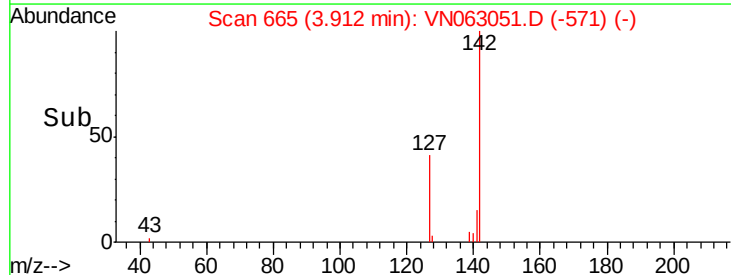
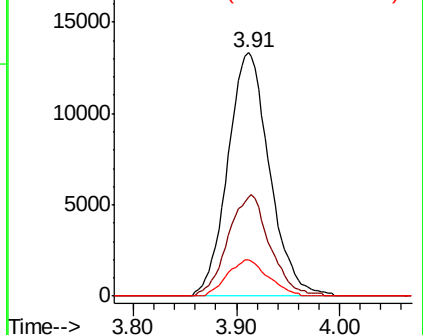
141 14.5 11.3 16.9

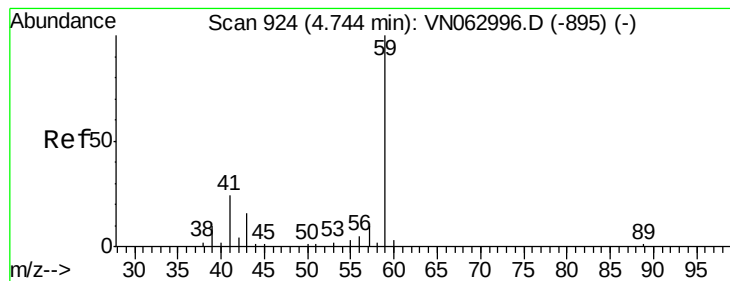


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



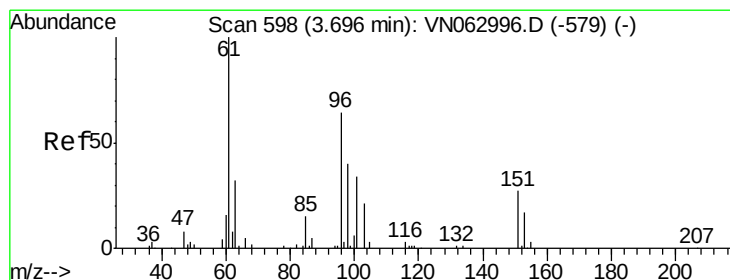
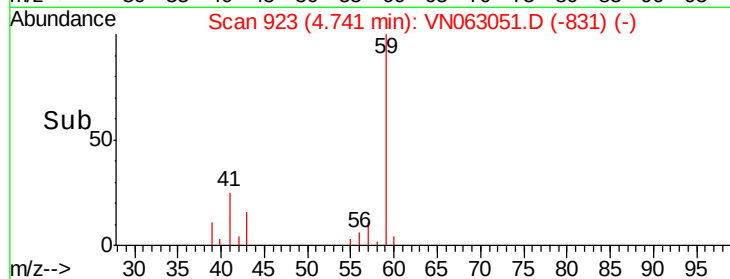
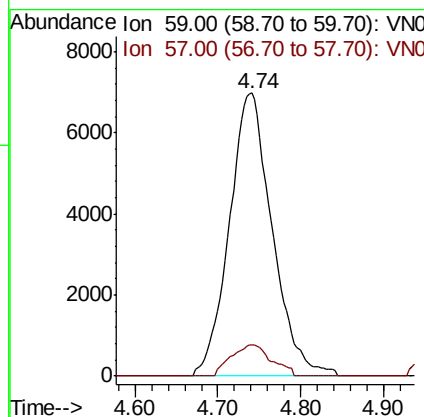
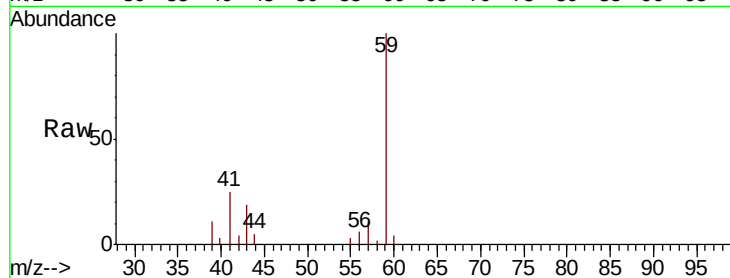


#11

Tert butyl alcohol
 Concen: 86.883 ug/l
 RT: 4.74 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD02

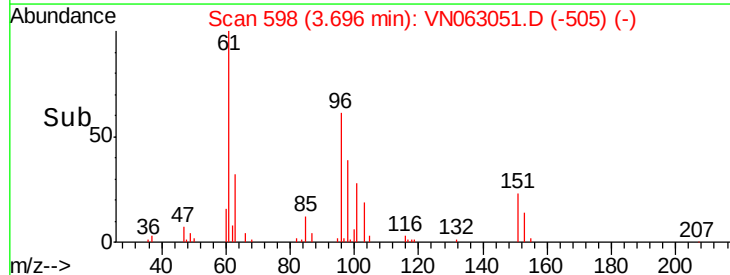
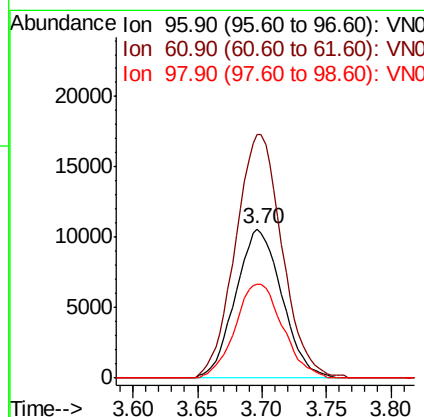
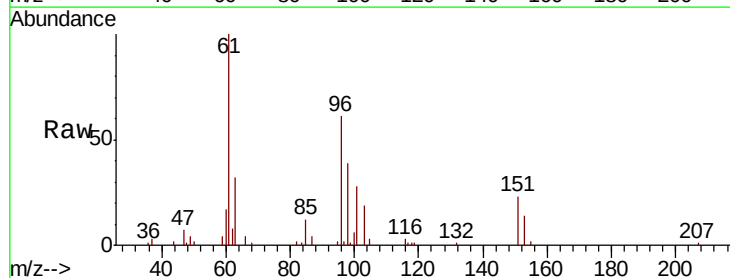
Tot Ion: 59 Resp: 25141
 Ion Ratio Lower Upper
 59 100
 57 10.4 7.8 11.6

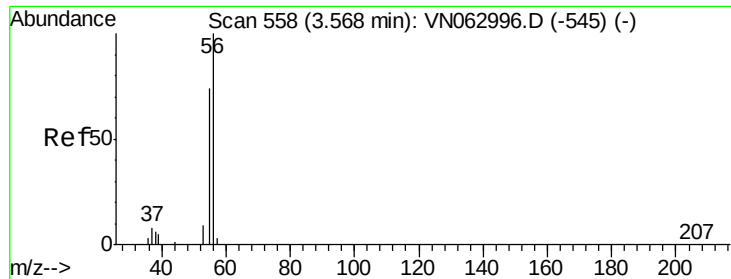


#12

1,1-Dichloroethene
 Concen: 18.119 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

Tgt Ion: 96 Resp: 26511
 Ion Ratio Lower Upper
 96 100
 61 162.8 125.5 188.3
 98 63.2 50.4 75.6





#13

Acrolein

Concen: 44.335 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.01 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

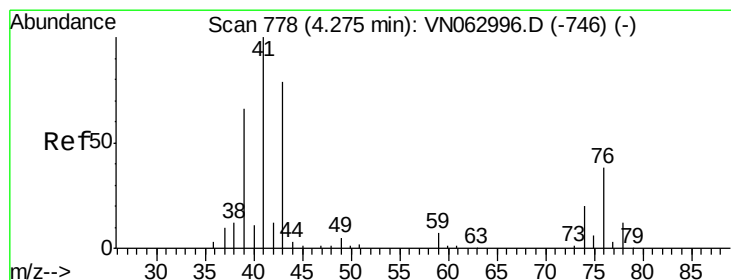
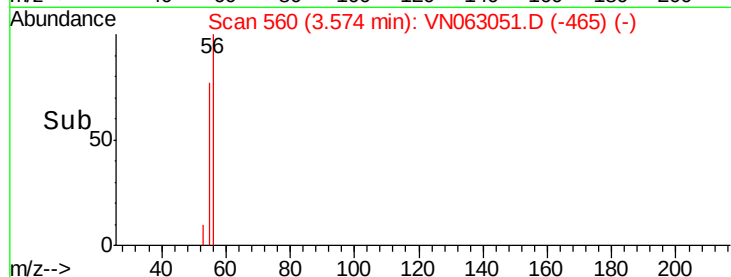
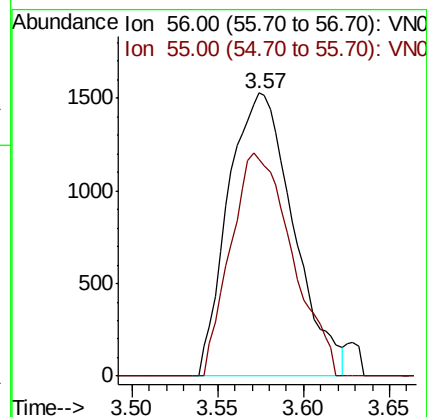
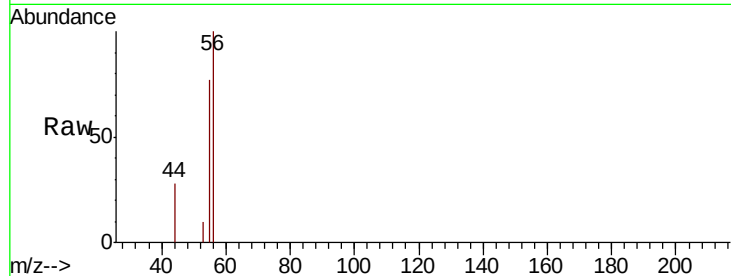
VN0820WBSD02

Tot Ion: 56 Resp: 4019

Ion Ratio Lower Upper

56 100

55 74.4 58.4 87.6



#14

Allyl chloride

Concen: 18.619 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

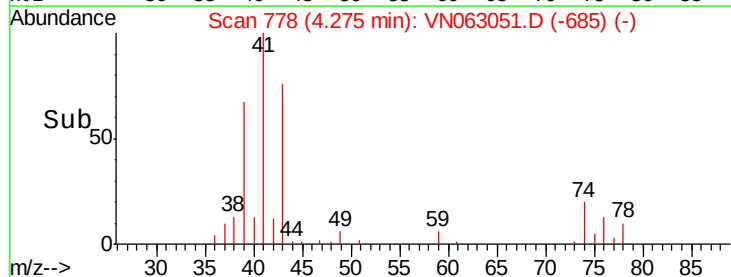
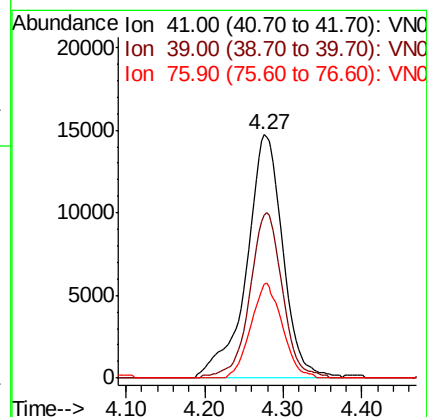
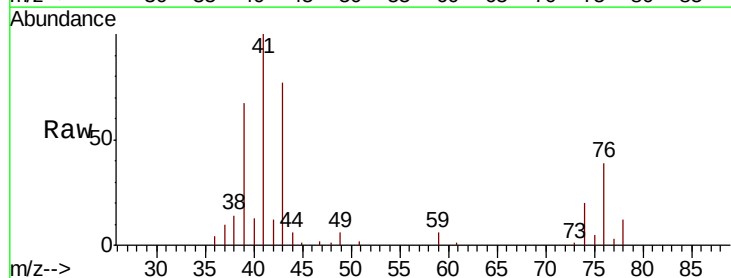
Tgt Ion: 41 Resp: 48033

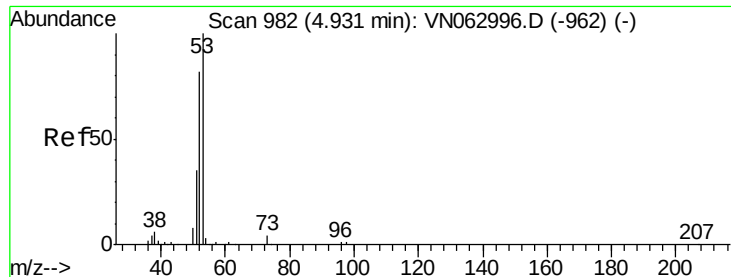
Ion Ratio Lower Upper

41 100

39 61.4 47.9 71.9

76 33.9 27.0 40.6





#15

Acrylonitrile

Concen: 96.496 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD02

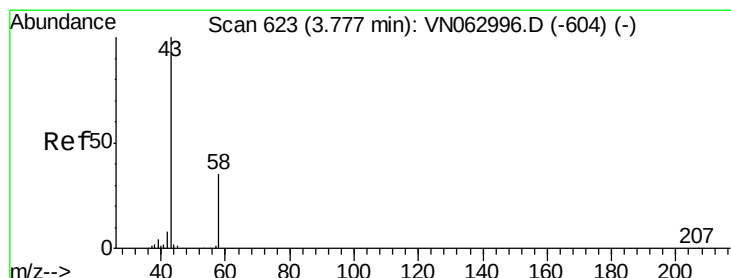
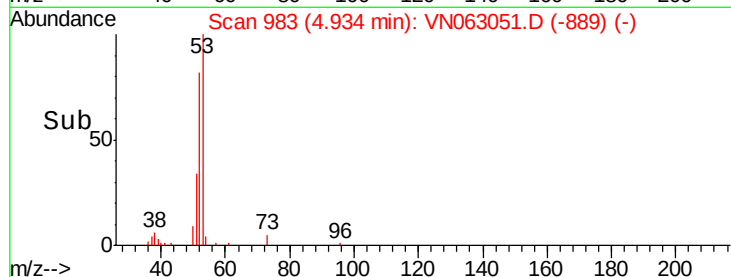
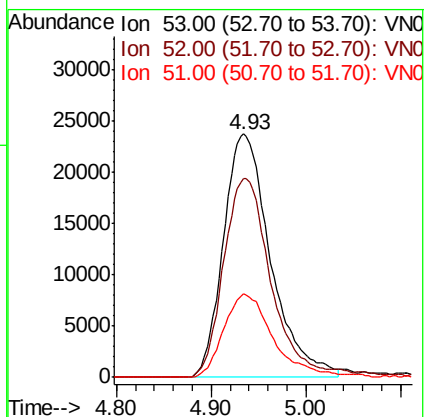
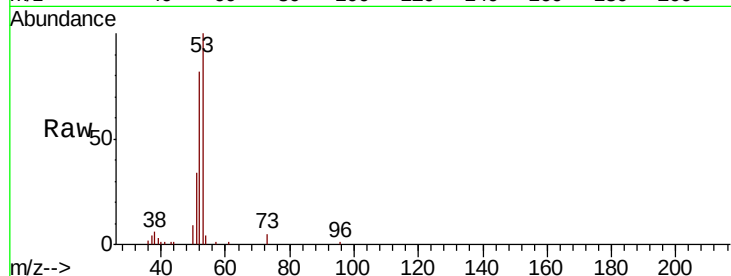
Tot Ion: 53 Resp: 82070

Ion Ratio Lower Upper

53 100

52 81.0 65.6 98.4

51 35.1 28.2 42.4



#16

Acetone

Concen: 101.224 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN063051.D

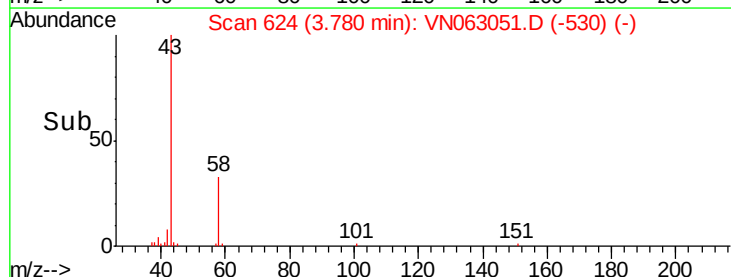
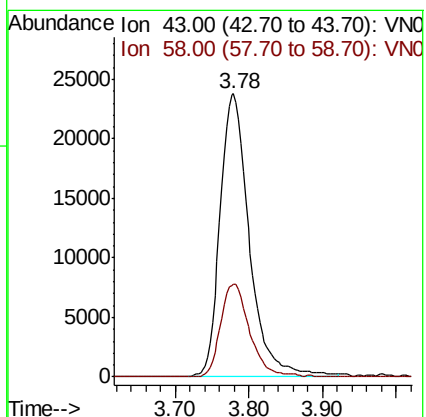
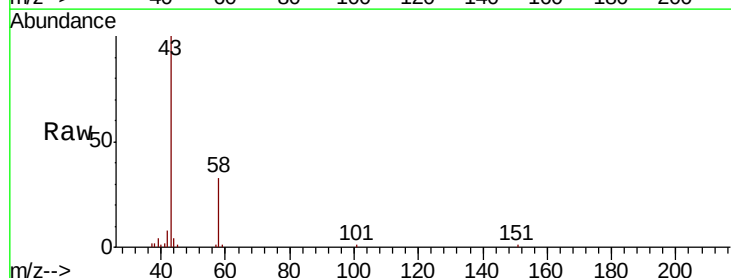
Acq: 20 Aug 2020 22:26

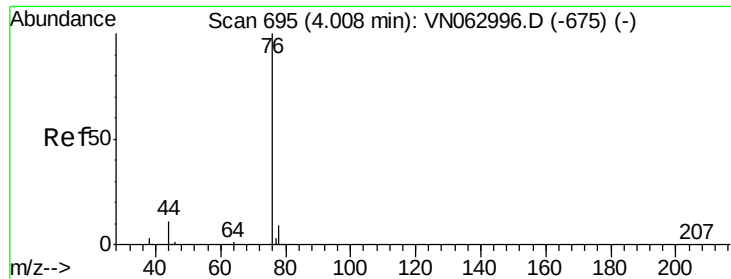
Tgt Ion: 43 Resp: 65972

Ion Ratio Lower Upper

43 100

58 32.8 27.8 41.6

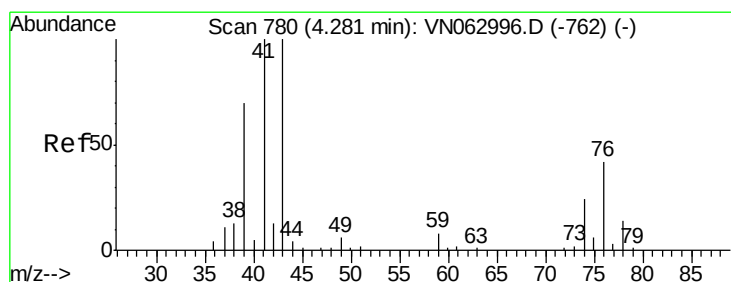
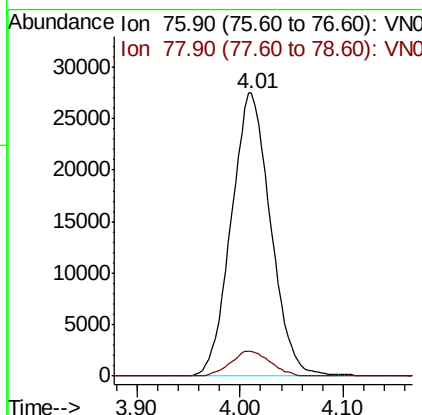
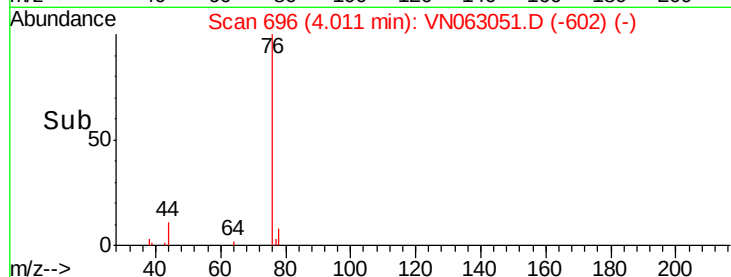
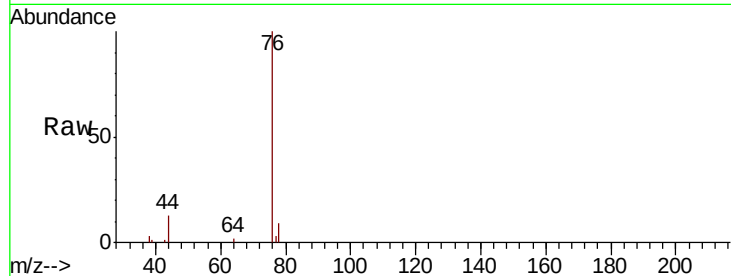




#17
Carbon Disulfide
Concen: 19.034 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

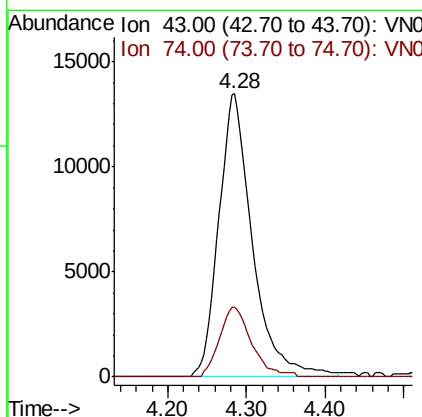
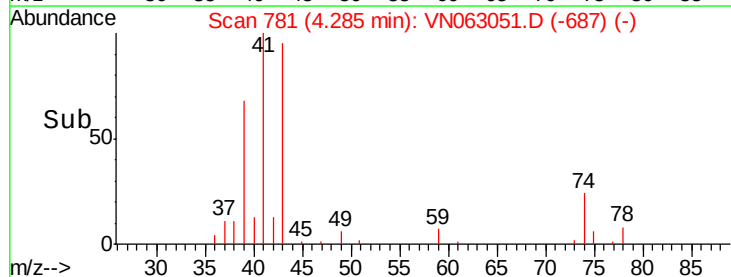
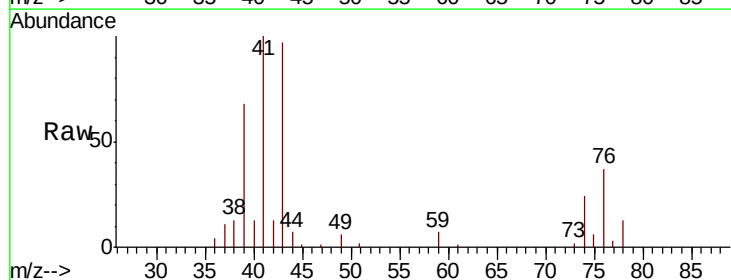
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD02

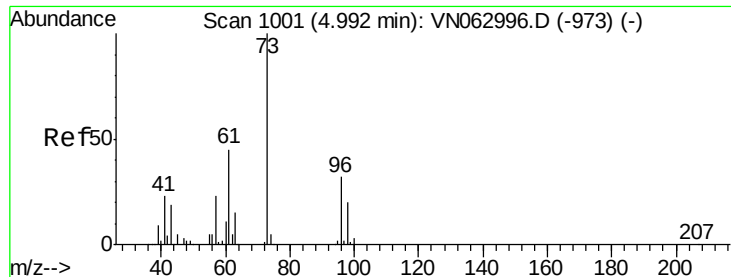
Tot Ion: 76 Resp: 72933
Ion Ratio Lower Upper
76 100
78 8.8 6.9 10.3



#18
Methyl Acetate
Concen: 19.660 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion: 43 Resp: 39912
Ion Ratio Lower Upper
43 100
74 23.4 18.6 28.0



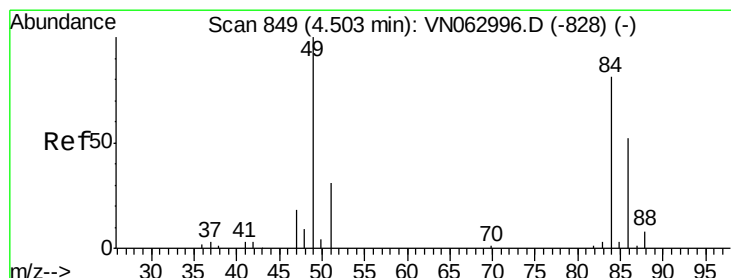
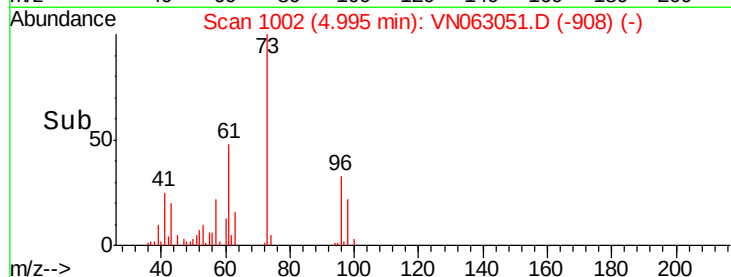
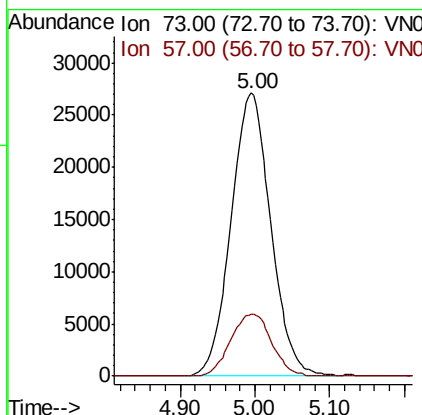
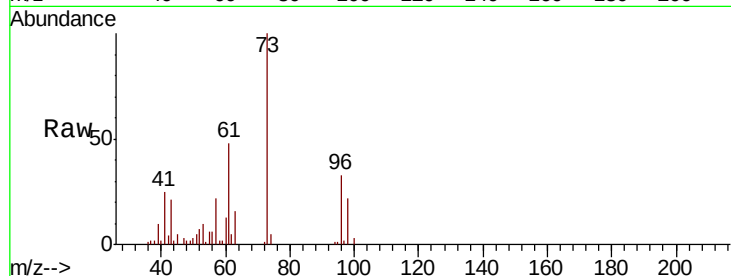


#19

Methyl tert-butyl Ether
 Concen: 19.573 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD02

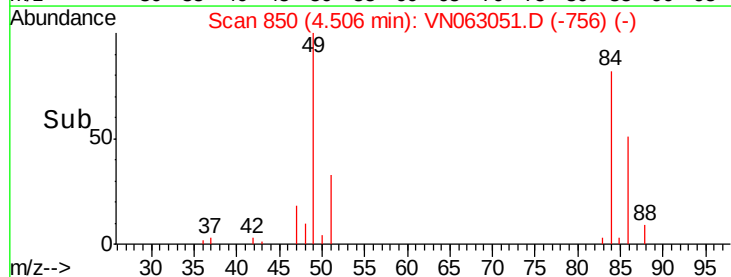
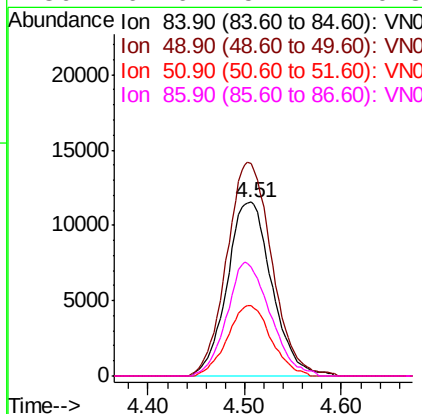
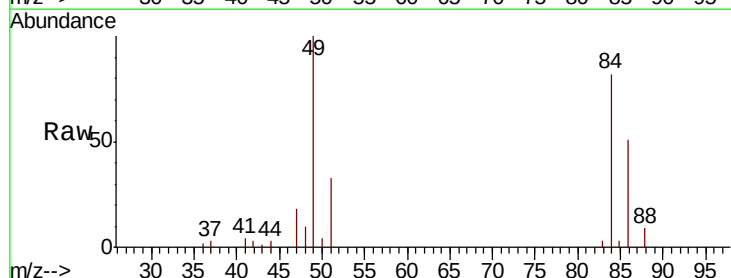
Tot Ion: 73 Resp: 99874
 Ion Ratio Lower Upper
 73 100
 57 21.7 18.1 27.1

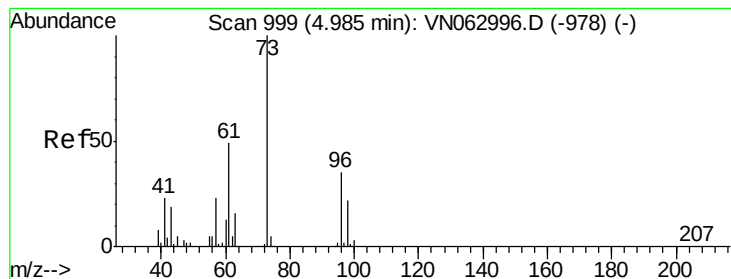


#20

Methylene Chloride
 Concen: 19.771 ug/l
 RT: 4.51 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

Tgt Ion: 84 Resp: 37065
 Ion Ratio Lower Upper
 84 100
 49 122.1 98.7 148.1
 51 40.4 30.8 46.2
 86 62.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.757 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD02

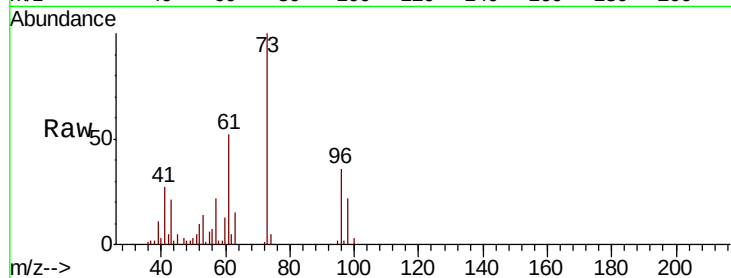
Tot Ion: 96 Resp: 30251

Ion Ratio Lower Upper

96 100

61 144.0 112.5 168.7

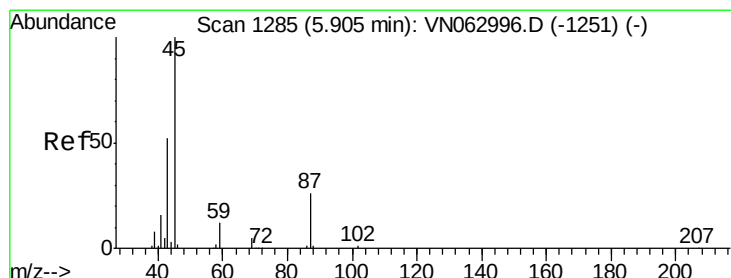
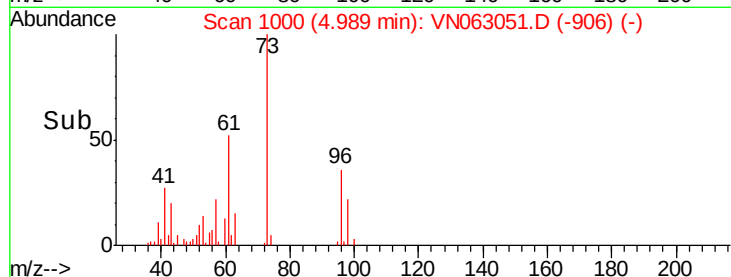
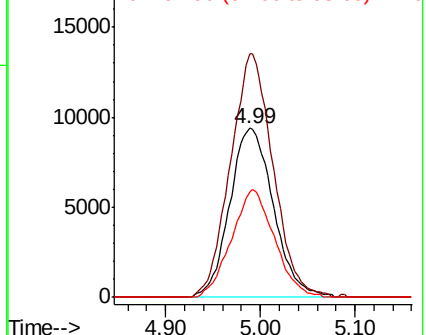
98 62.2 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN062996.D (-978) (-)

Ion 60.90 (60.60 to 61.60): VN062996.D (-978) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-978) (-)



#22

Diisopropyl ether

Concen: 20.639 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Tgt Ion: 45 Resp: 120822

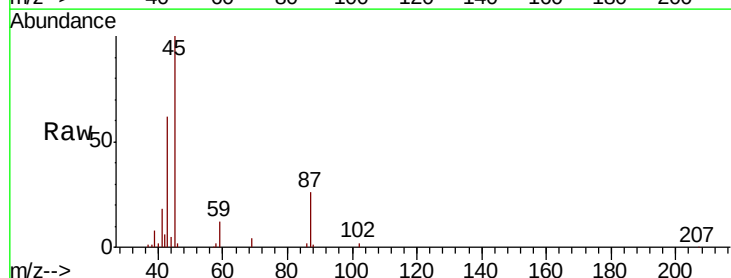
Ion Ratio Lower Upper

45 100

43 59.5 45.7 68.5

87 25.9 21.8 32.6

59 12.5 9.3 13.9

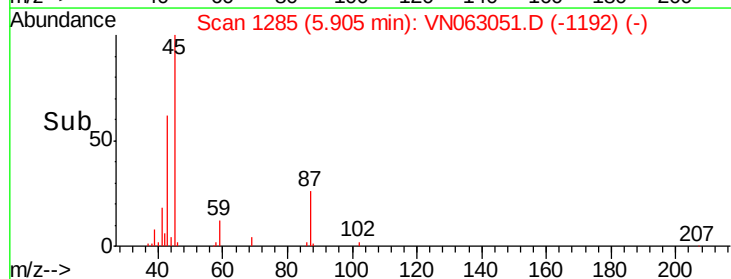
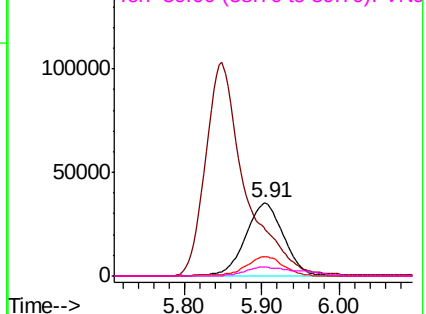


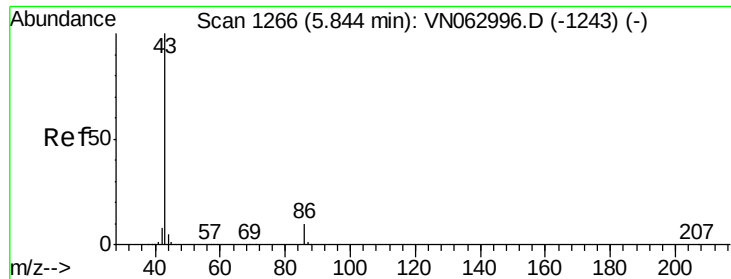
Abundance Ion 45.00 (44.70 to 45.70): VN062996.D (-1251) (-)

Ion 43.00 (42.70 to 43.70): VN062996.D (-1251) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1251) (-)

Ion 59.00 (58.70 to 59.70): VN062996.D (-1251) (-)

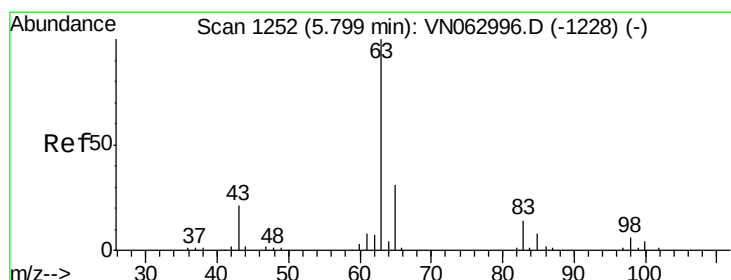
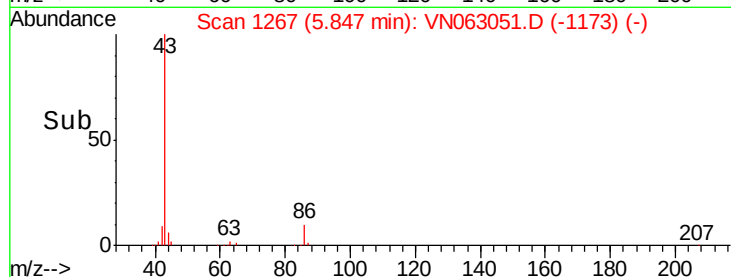
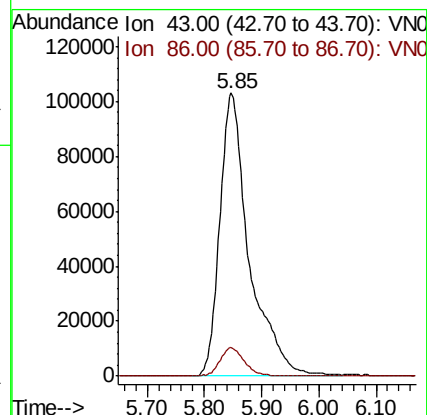
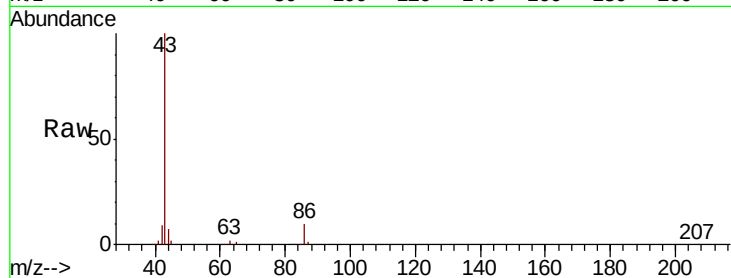




#23
 Vinyl Acetate
 Concen: 93.351 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

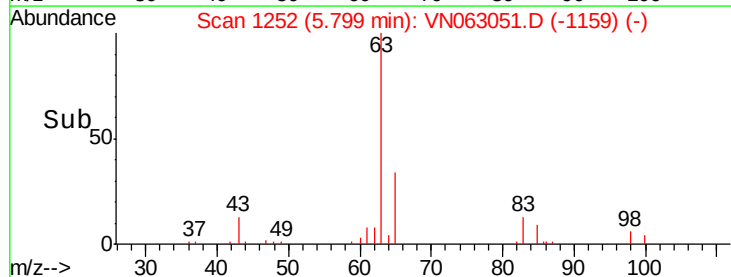
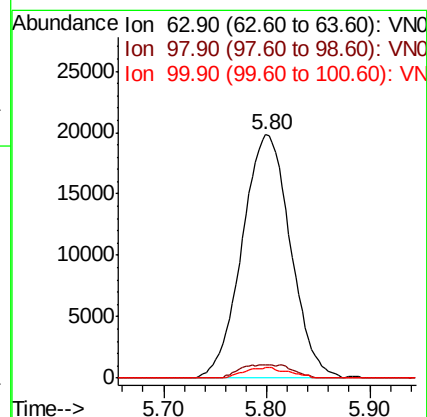
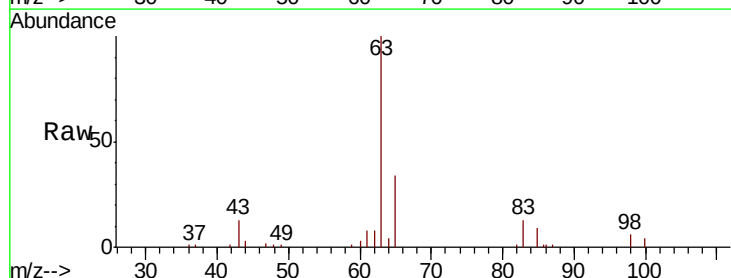
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD02

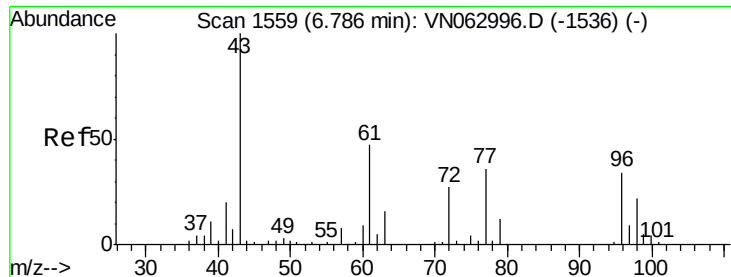
Tot Ion: 43 Resp: 368780
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 19.705 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

Tgt Ion: 63 Resp: 64462
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.7
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 94.864 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

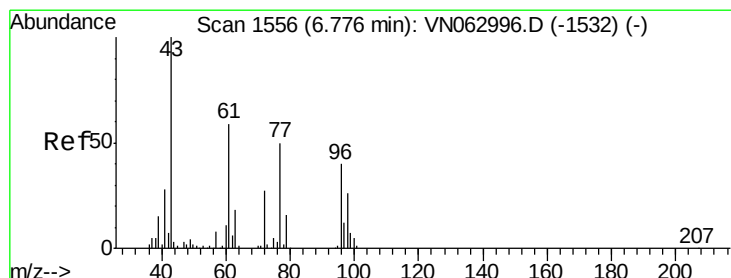
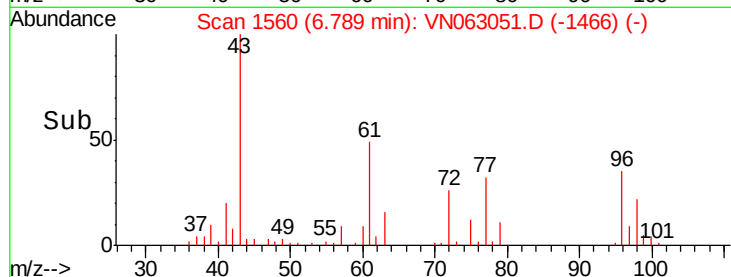
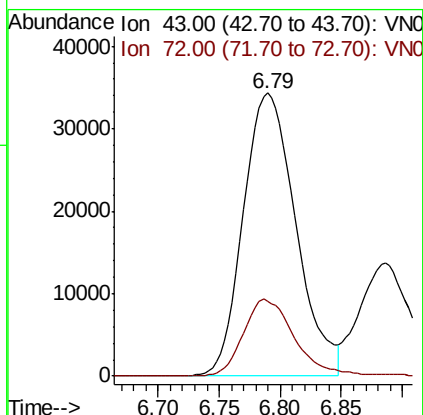
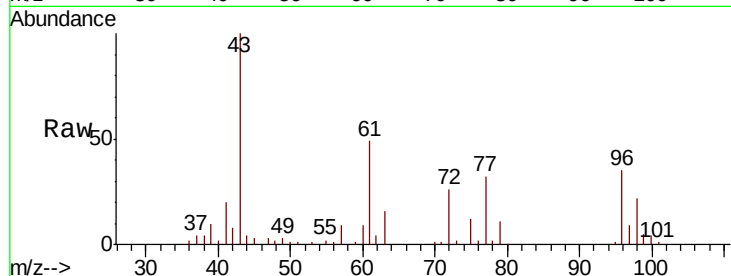
VN0820WBSD02

Tot Ion: 43 Resp: 102887

Ion Ratio Lower Upper

43 100

72 26.5 21.8 32.6



#26

2,2-Dichloropropane

Concen: 16.754 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN063051.D

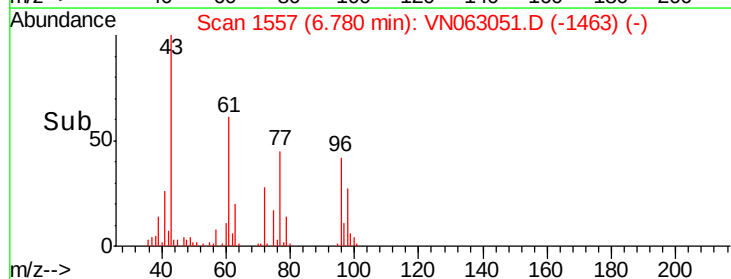
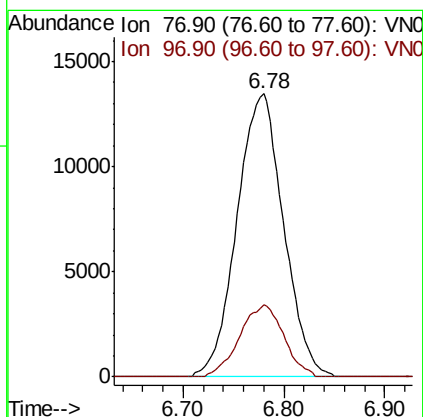
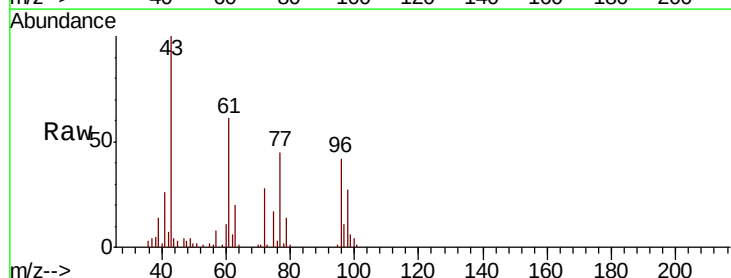
Acq: 20 Aug 2020 22:26

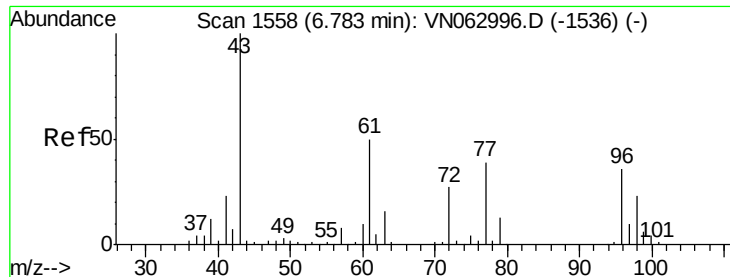
Tgt Ion: 77 Resp: 43102

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 19.325 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD02

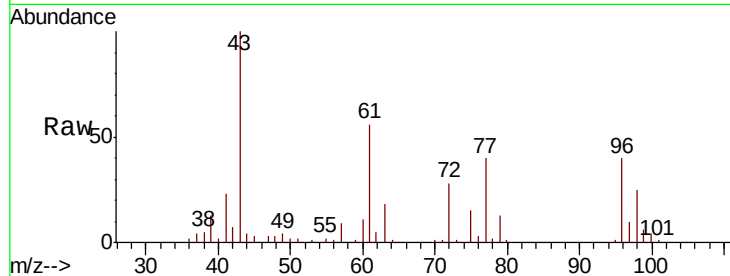
Tot Ion: 96 Resp: 37088

Ion Ratio Lower Upper

96 100

61 144.7 0.0 292.8

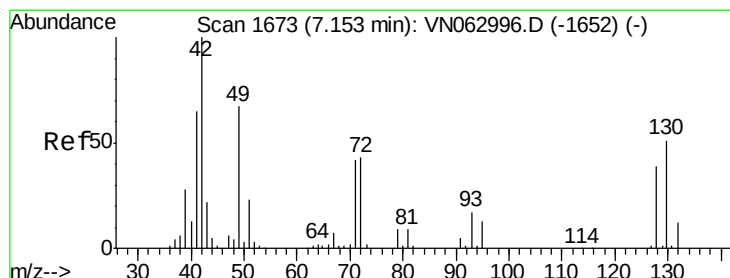
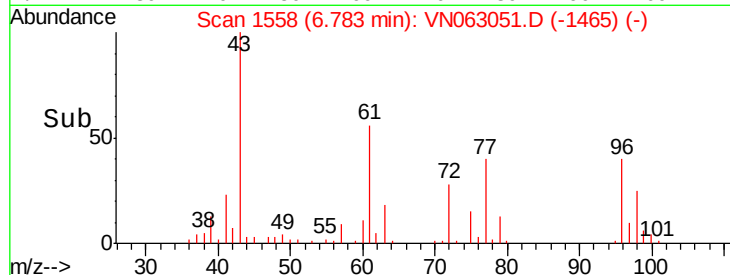
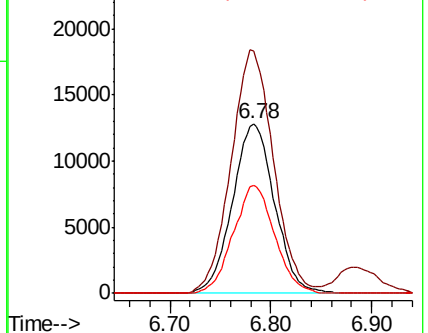
98 62.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.212 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

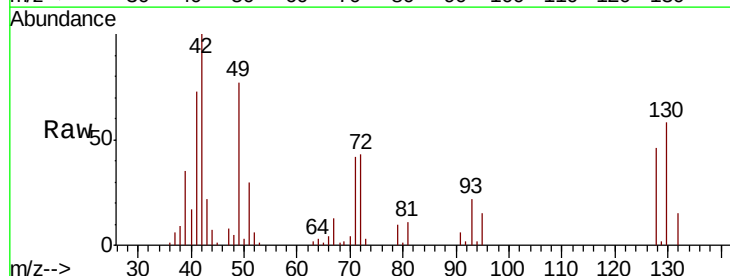
Tgt Ion: 49 Resp: 32884

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

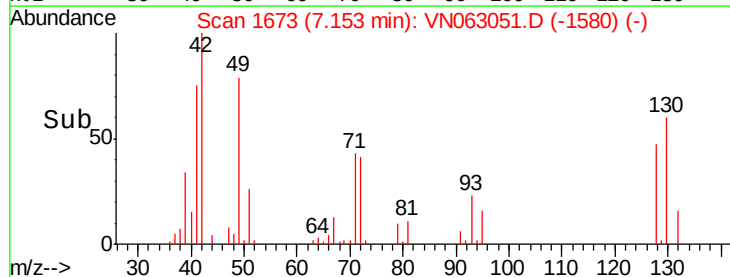
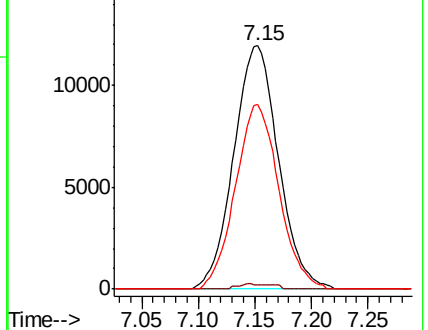
130 73.8 61.1 91.7

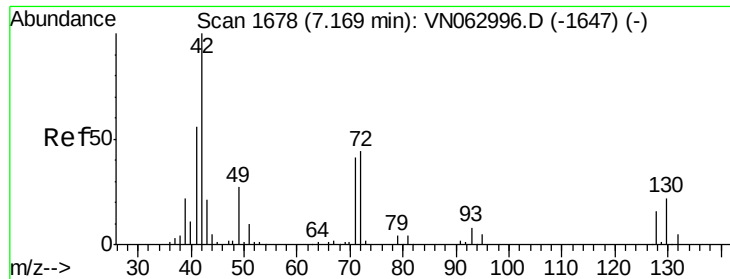


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

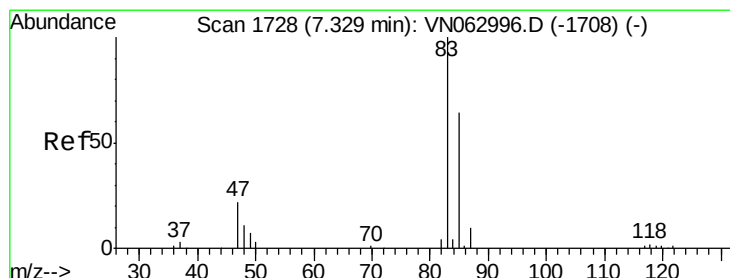
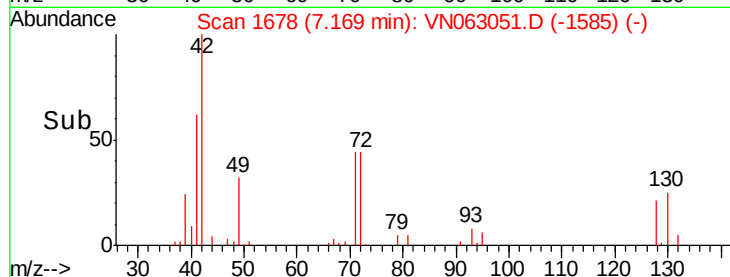
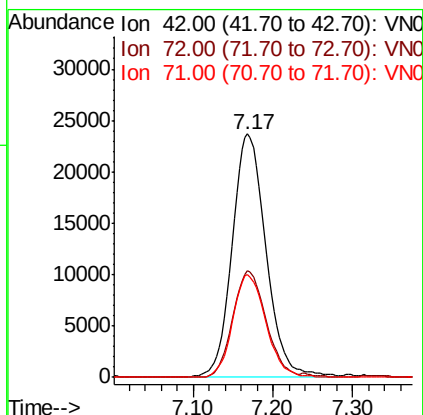
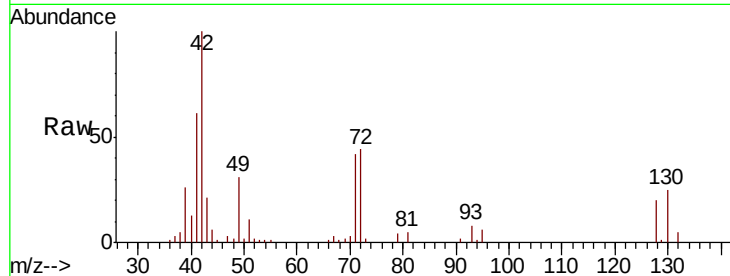




#29
Tetrahydrofuran
Concen: 97.194 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

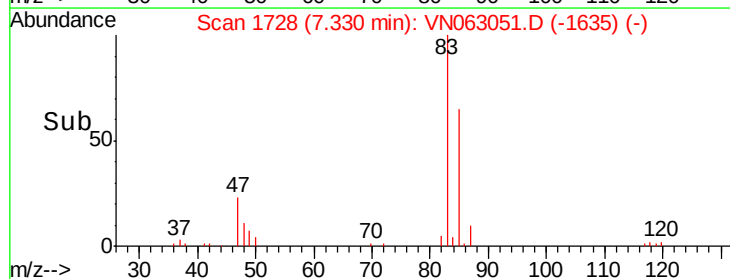
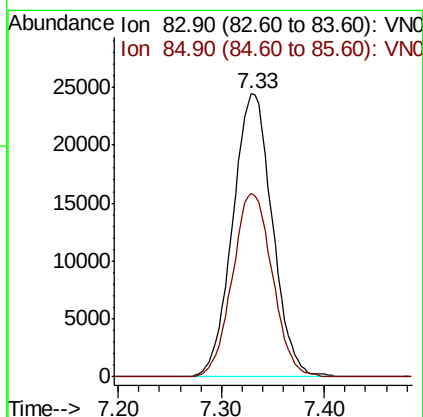
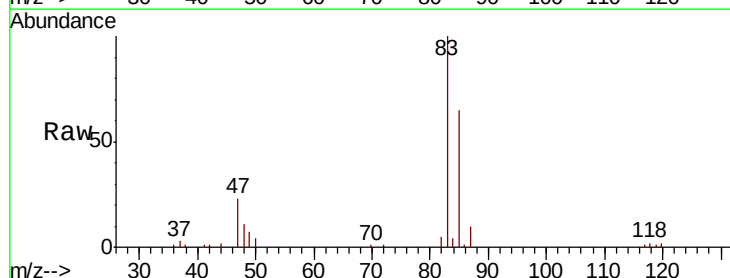
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD02

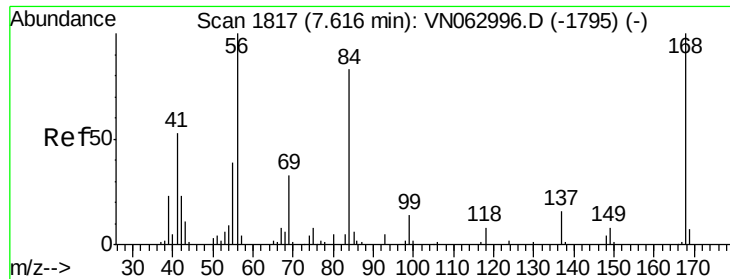
Tot Ion: 42 Resp: 68034
Ion Ratio Lower Upper
42 100
72 42.7 34.6 52.0
71 41.1 32.3 48.5



#30
Chloroform
Concen: 19.837 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion: 83 Resp: 65355
Ion Ratio Lower Upper
83 100
85 64.7 51.5 77.3

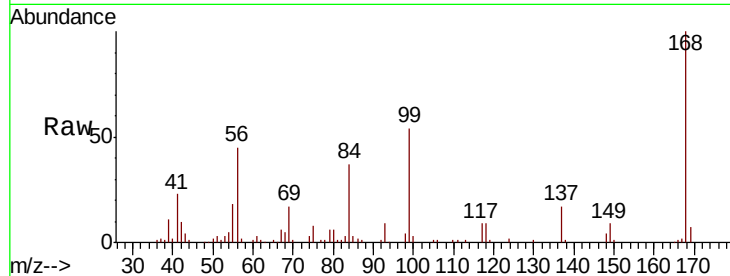




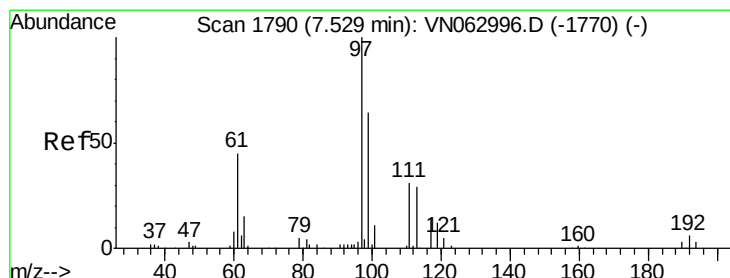
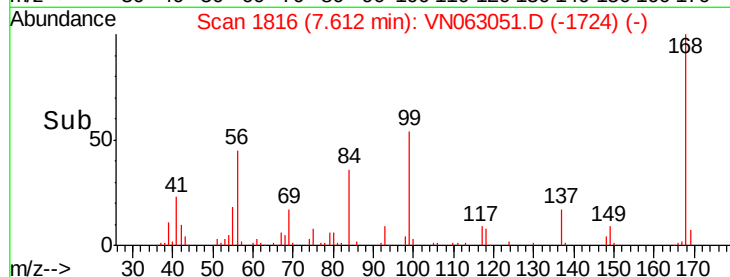
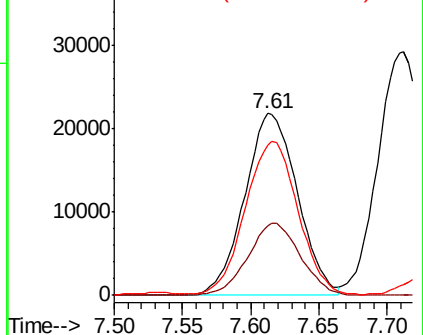
#31
Cyclohexane
Concen: 19.465 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD02

Tot Ion: 56 Resp: 58606
Ion Ratio Lower Upper
56 100
69 38.1 26.6 40.0
84 82.0 66.4 99.6

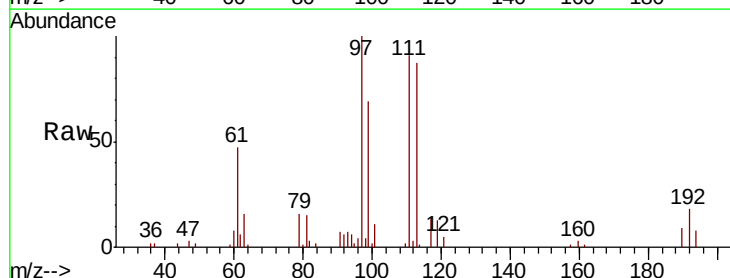


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

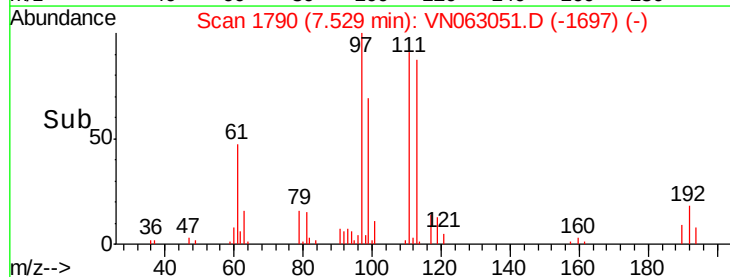
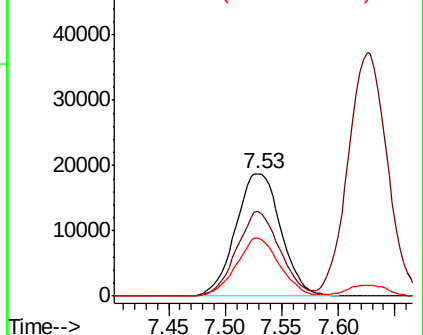


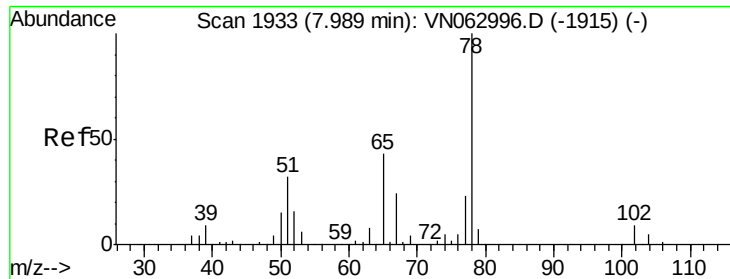
#32
1,1,1-Trichloroethane
Concen: 19.411 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion: 97 Resp: 52210
Ion Ratio Lower Upper
97 100
99 65.9 52.0 78.0
61 45.2 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

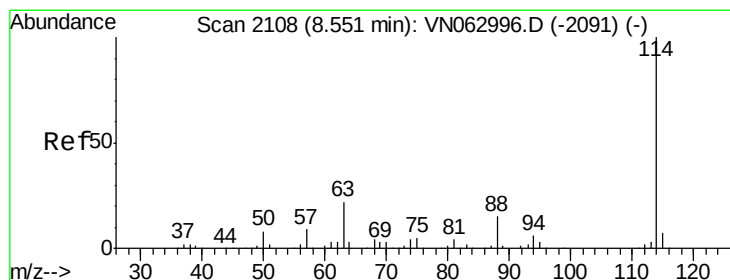
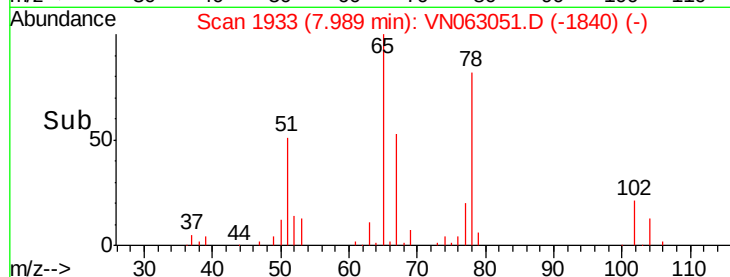
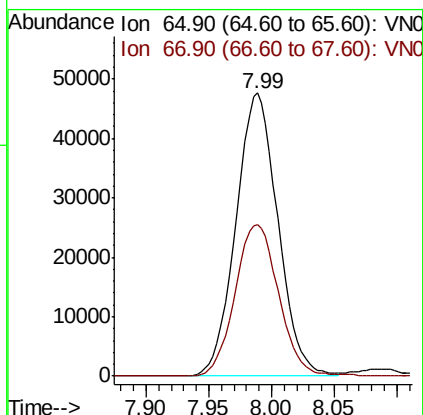
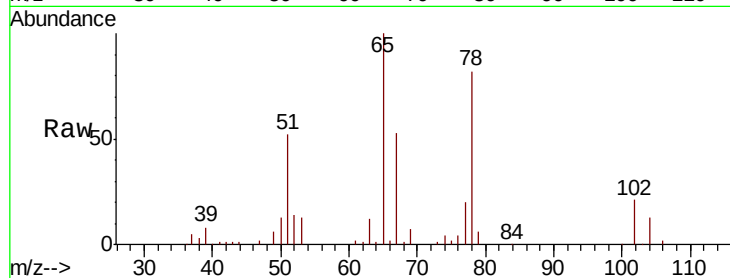




#33
 1,2-Dichloroethane-d4
 Concen: 54.286 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

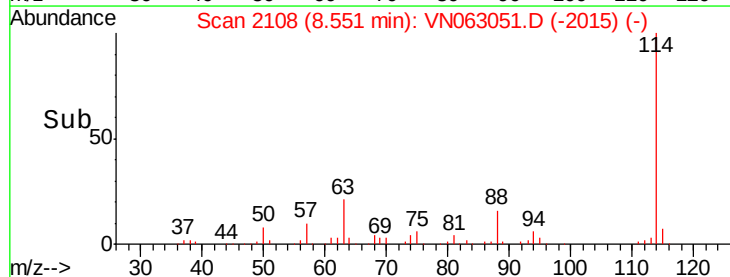
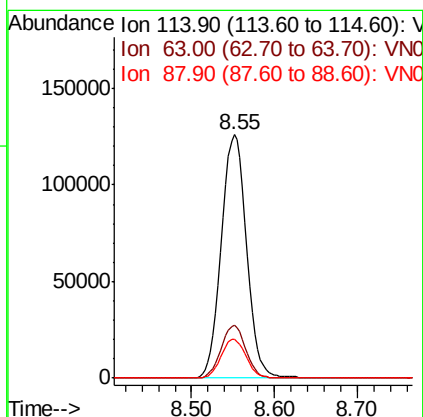
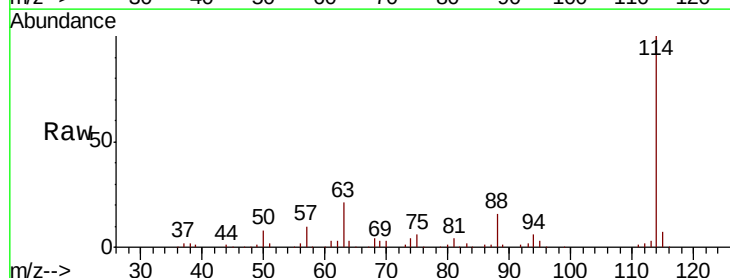
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD02

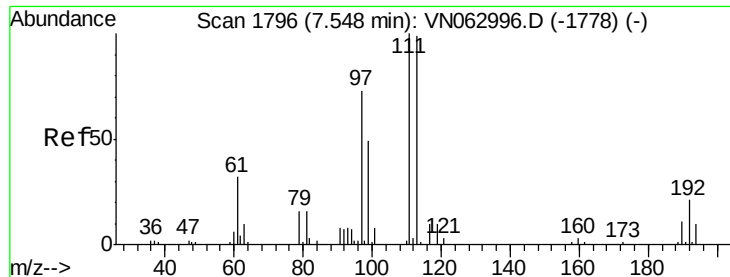
Tot Ion: 65 Resp: 110900
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

Tgt Ion: 114 Resp: 267420
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.558 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD02

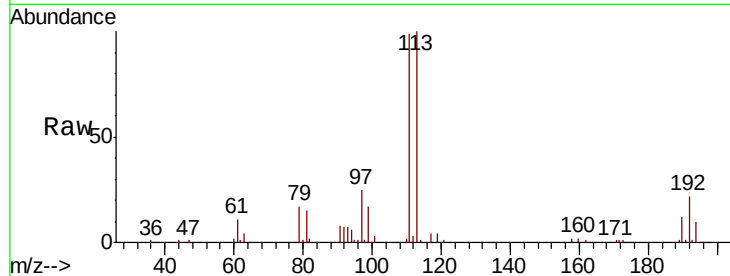
Tot Ion:113 Resp: 91582

Ion Ratio Lower Upper

113 100

111 102.3 81.7 122.5

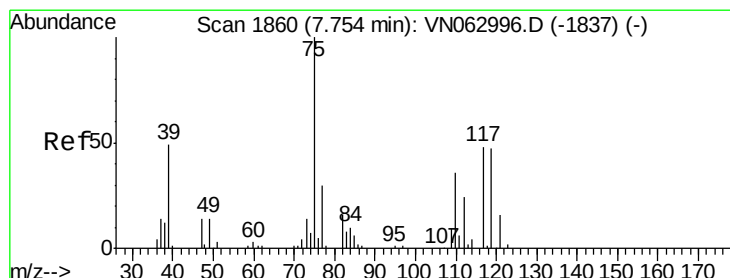
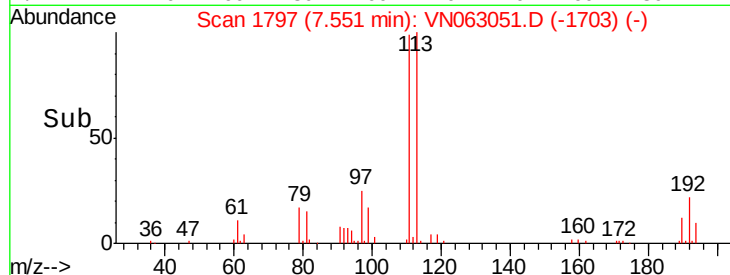
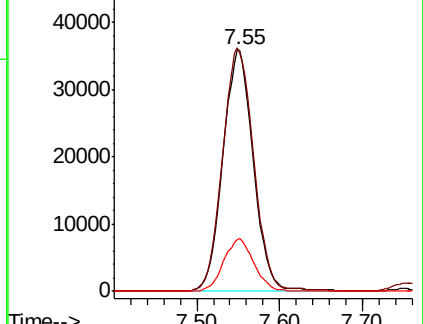
192 21.5 17.5 26.3



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: 18.567 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

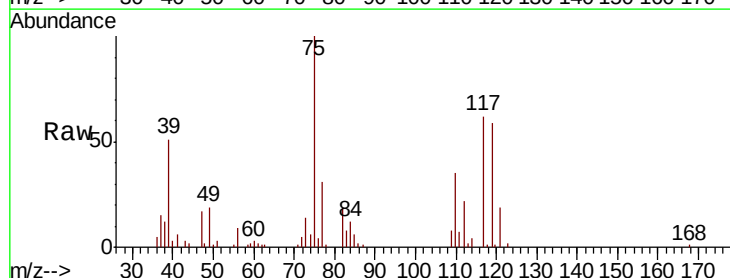
Tgt Ion: 75 Resp: 43757

Ion Ratio Lower Upper

75 100

110 33.9 17.5 52.6

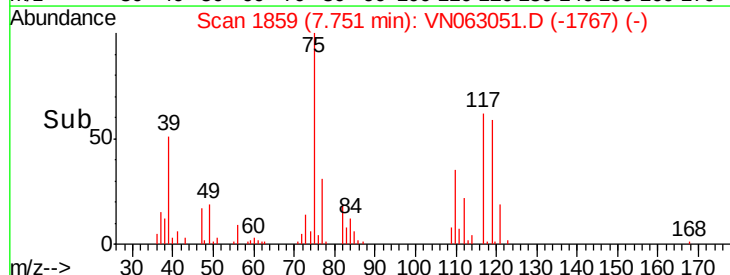
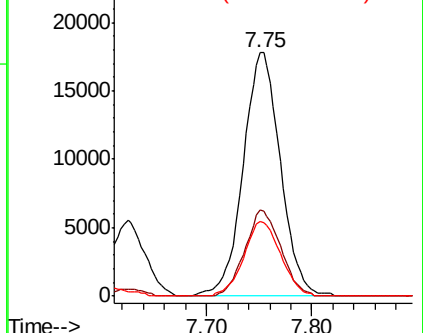
77 30.4 24.2 36.4

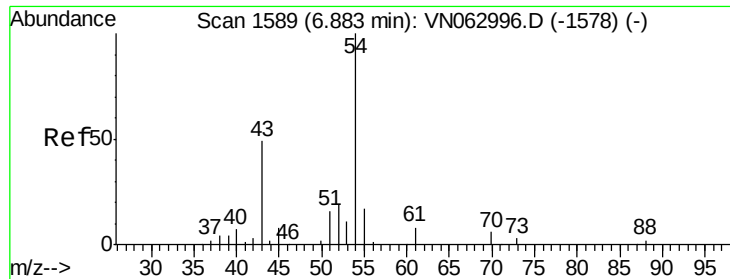


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

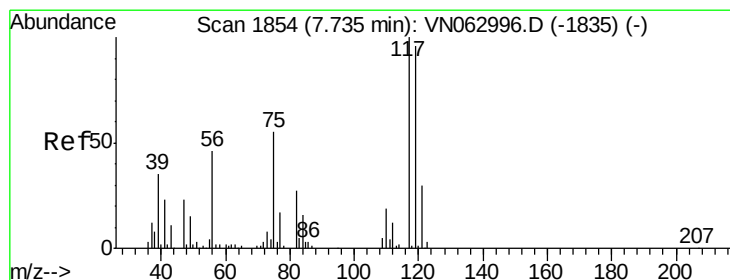
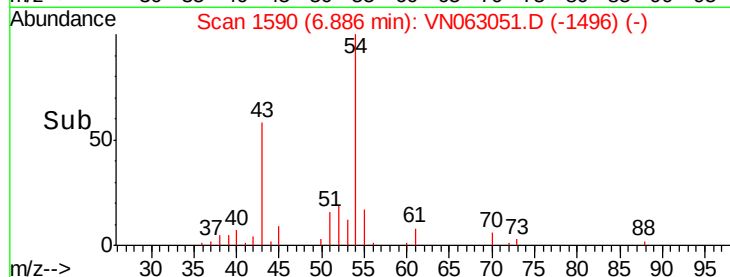
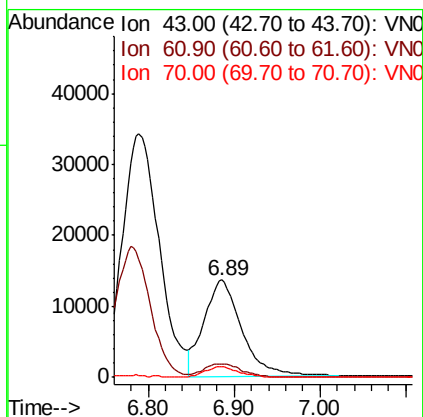
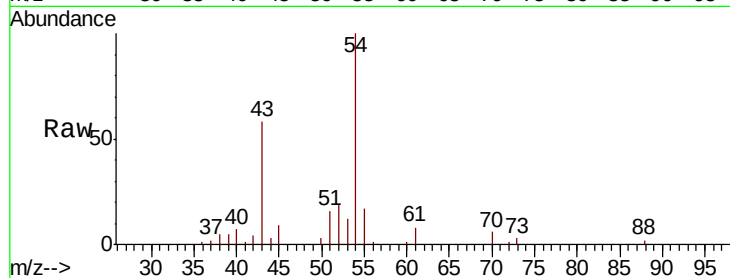




#37
Ethyl Acetate
Concen: 18.804 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

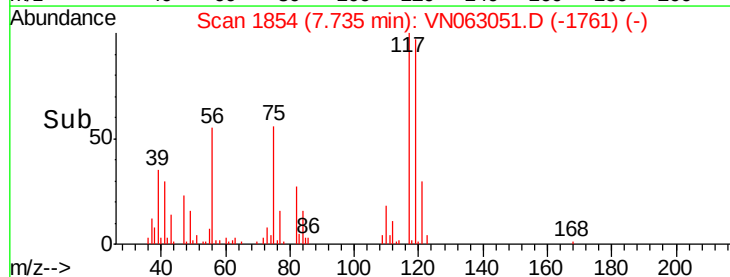
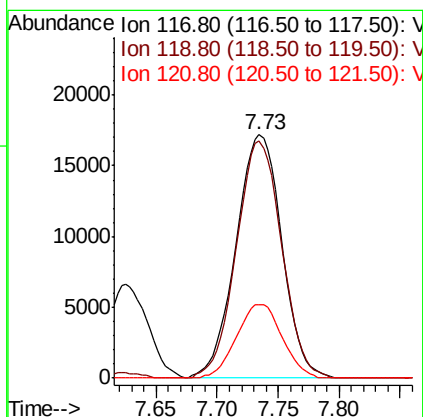
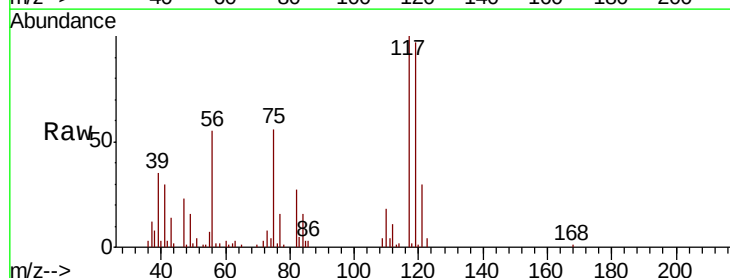
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD02

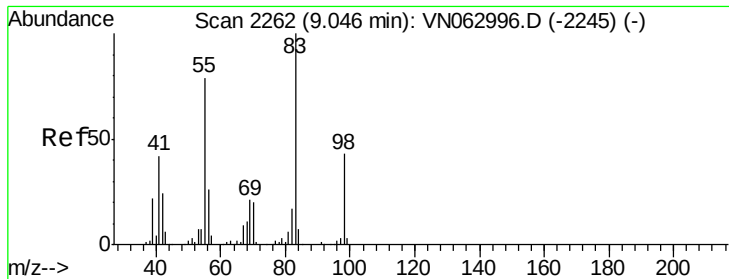
Tot Ion: 43 Resp: 41524
Ion Ratio Lower Upper
43 100
61 14.3 11.8 17.8
70 9.7 8.2 12.2



#38
Carbon Tetrachloride
Concen: 18.836 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion: 117 Resp: 44815
Ion Ratio Lower Upper
117 100
119 97.2 76.2 114.4
121 30.3 24.2 36.2

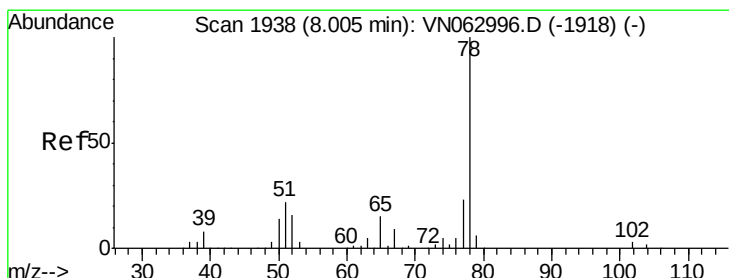
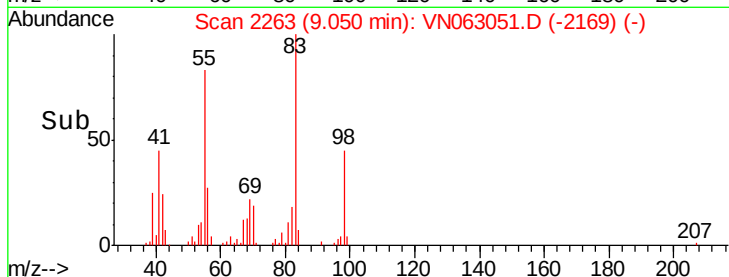
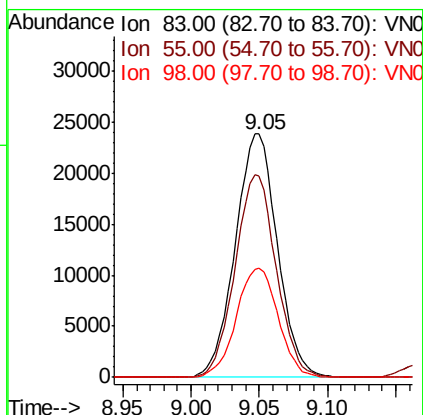
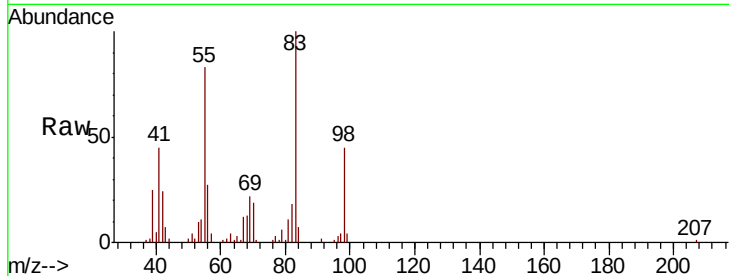




#39
Methylvlcyclohexane
Concen: 17.123 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

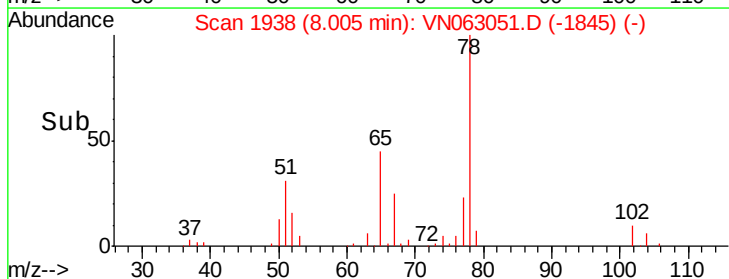
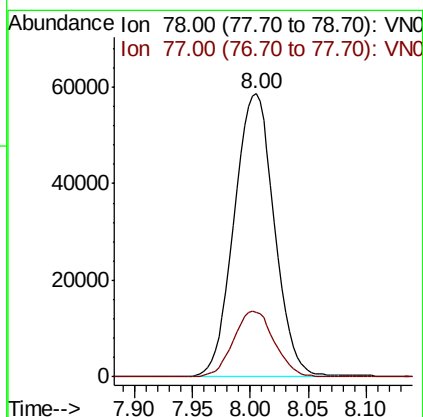
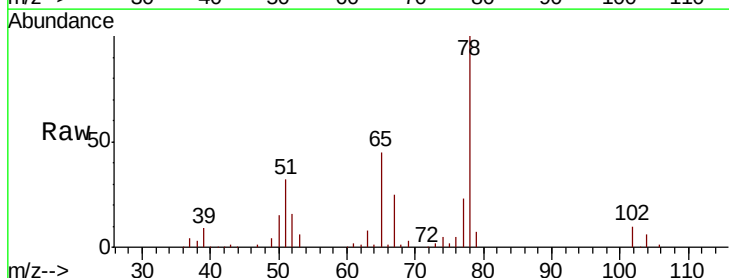
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD02

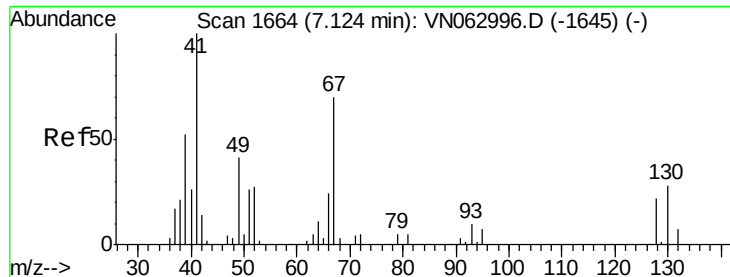
Tot Ion: 83 Resp: 51105
Ion Ratio Lower Upper
83 100
55 82.7 63.3 94.9
98 45.0 34.2 51.4



#40
Benzene
Concen: 18.886 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion: 78 Resp: 141166
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2

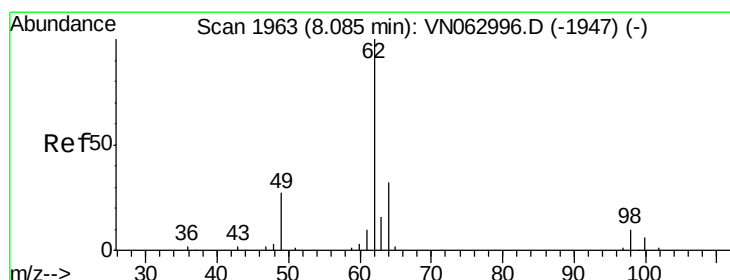
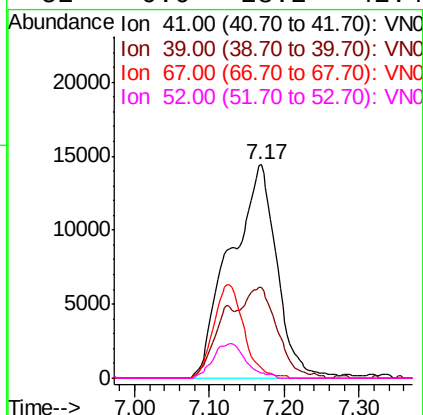
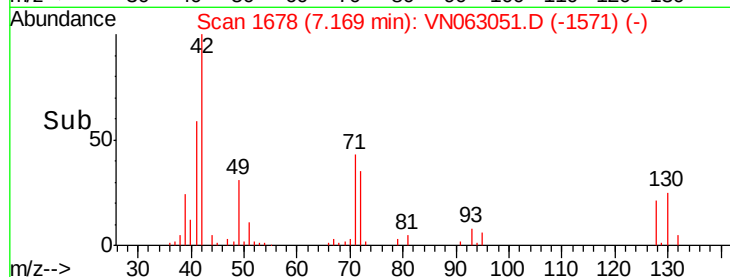
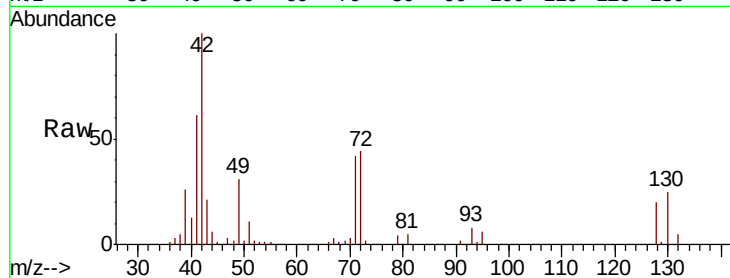




#41
Methacrylonitrile
Concen: 59.229 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.05 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

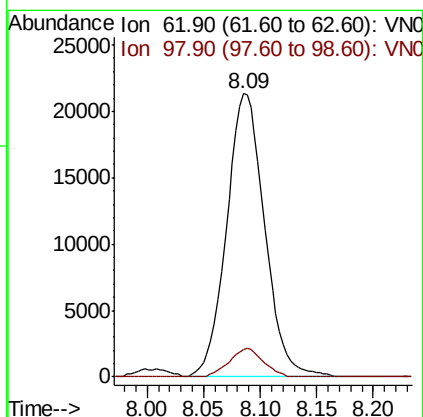
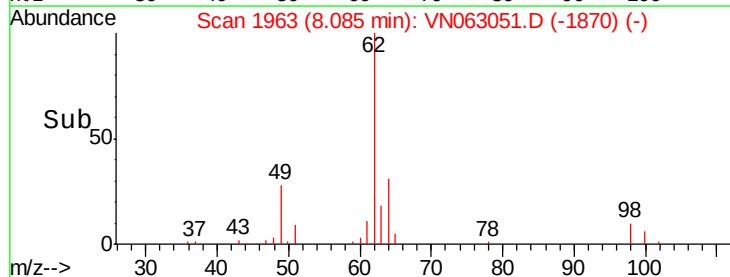
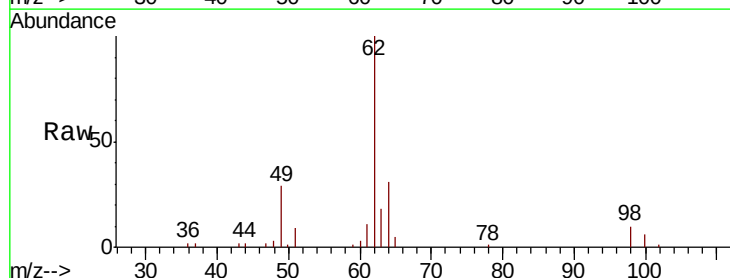
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD02

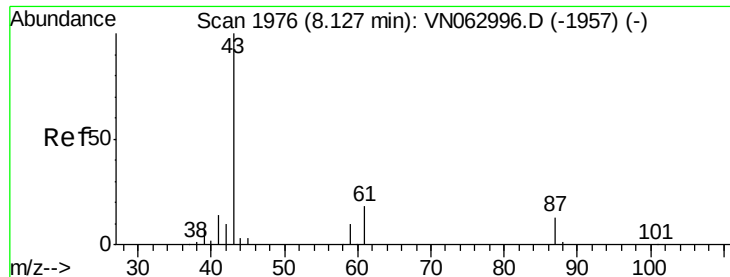
Tot Ion: 41 Resp: 62315
Ion Ratio Lower Upper
41 100
39 0.0 41.6 62.4#
67 0.0 71.8 107.8#
52 0.0 28.2 42.4#



#42
1,2-Dichloroethane
Concen: 19.930 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion: 62 Resp: 50020
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.4





#43

Isopropyl Acetate

Concen: 18.501 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD02

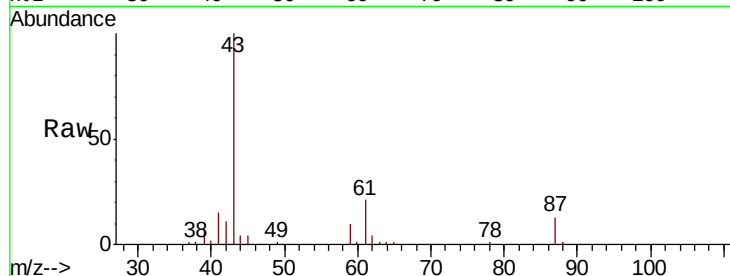
Tot Ion: 43 Resp: 67681

Ion Ratio Lower Upper

43 100

61 19.6 22.6 33.8#

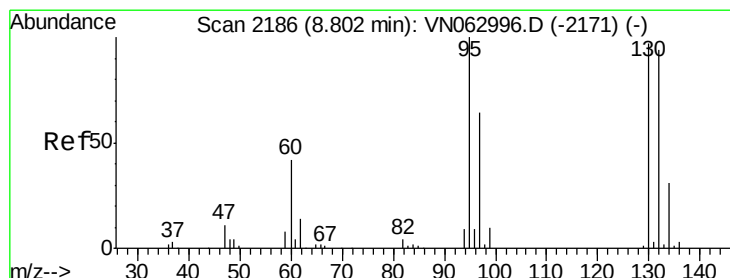
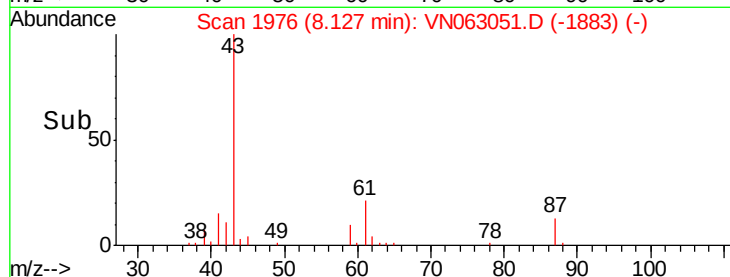
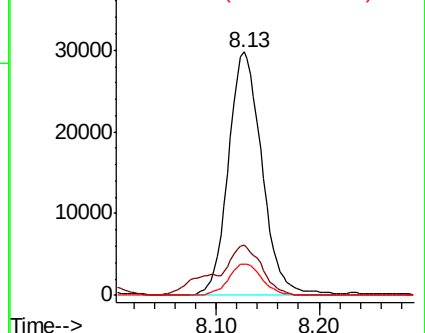
87 12.6 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062996.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062996.D (-1957) (-)



#44

Trichloroethene

Concen: 18.784 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN063051.D

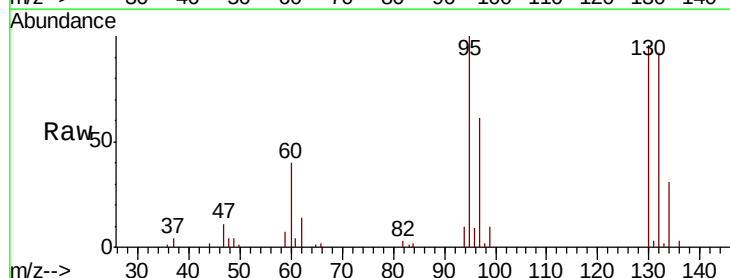
Acq: 20 Aug 2020 22:26

Tgt Ion:130 Resp: 34923

Ion Ratio Lower Upper

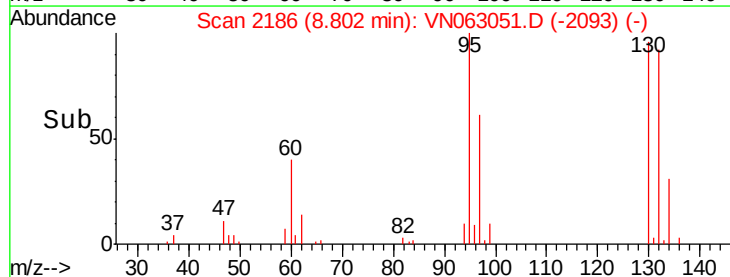
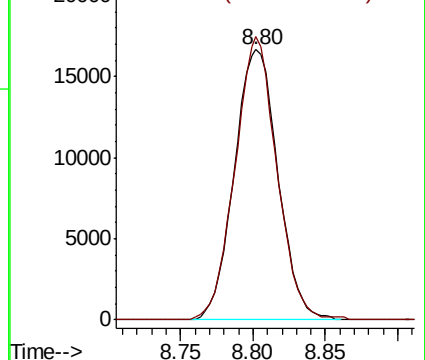
130 100

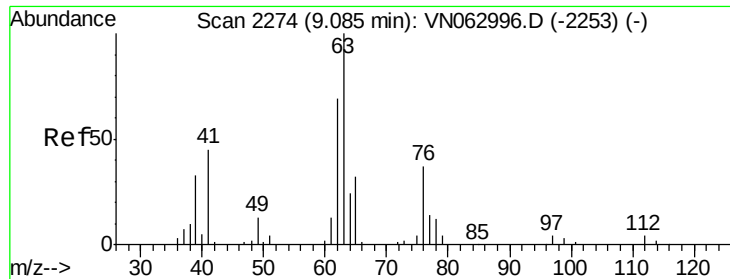
95 104.7 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): VN062996.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062996.D (-2171) (-)

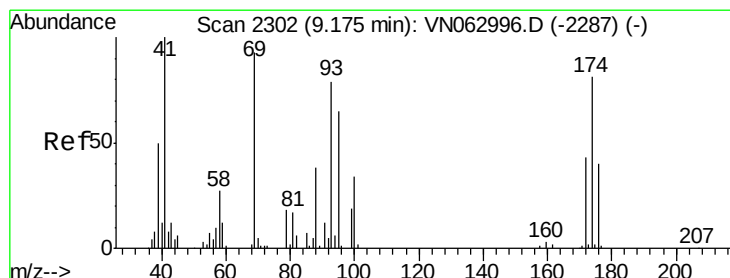
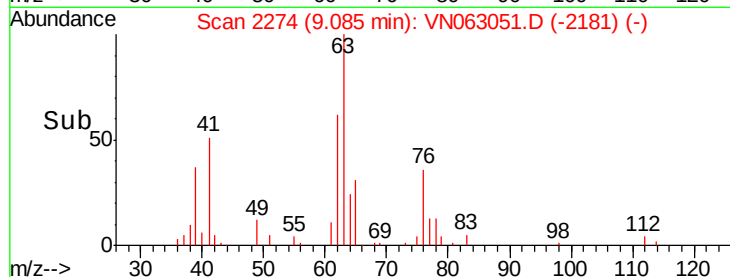
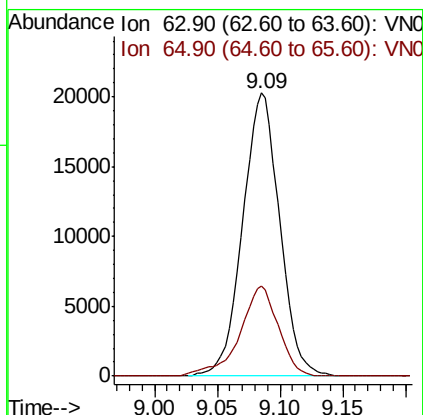
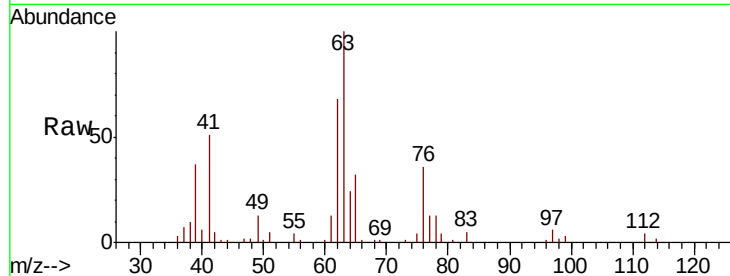




#45
 1,2-Dichloropropane
 Concen: 19.275 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

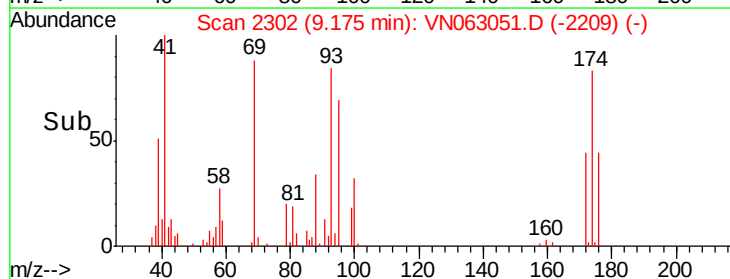
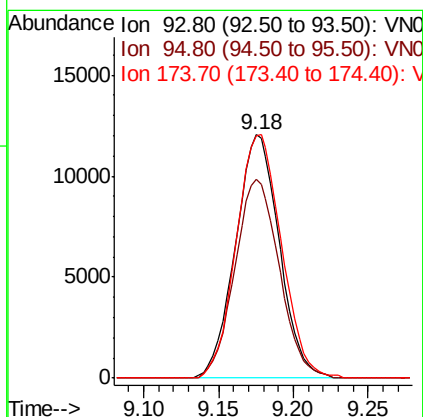
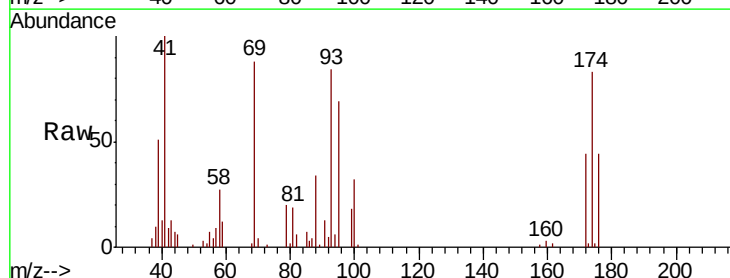
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD02

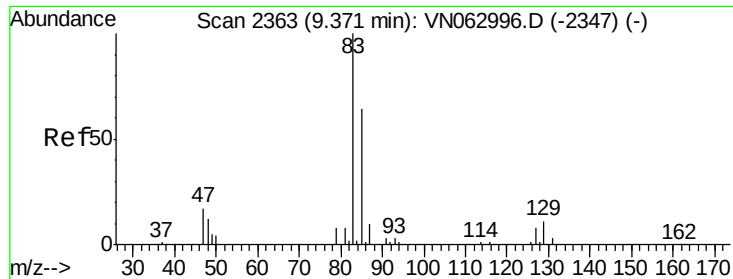
Tot Ion: 63 Resp: 41645
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.6 38.4



#46
 Dibromomethane
 Concen: 19.680 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

Tgt Ion: 93 Resp: 24563
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.2 99.4
 174 103.1 84.6 127.0

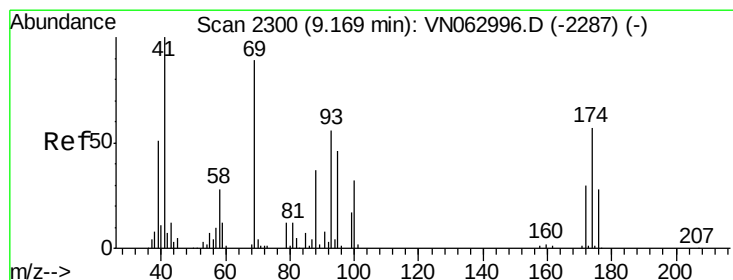
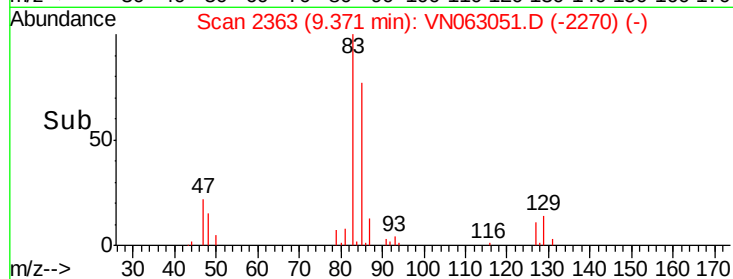
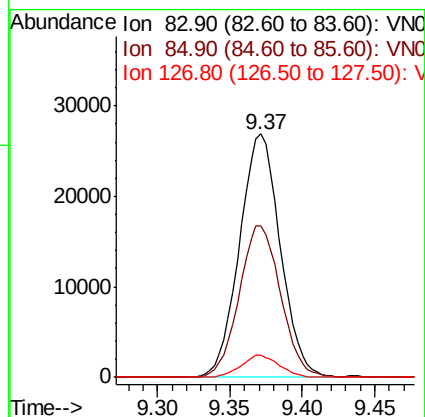
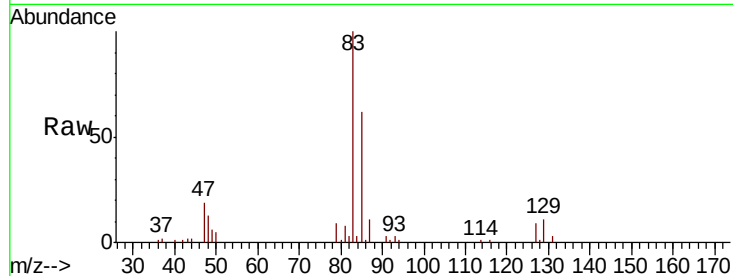




#47
 Bromodichloromethane
 Concen: 19.275 ug/l
 RT: 9.37 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

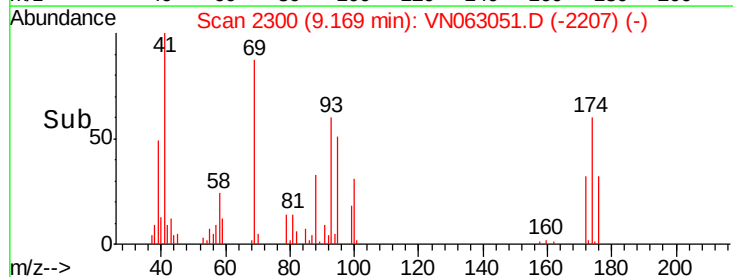
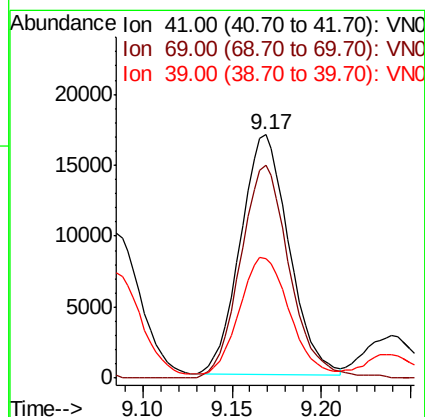
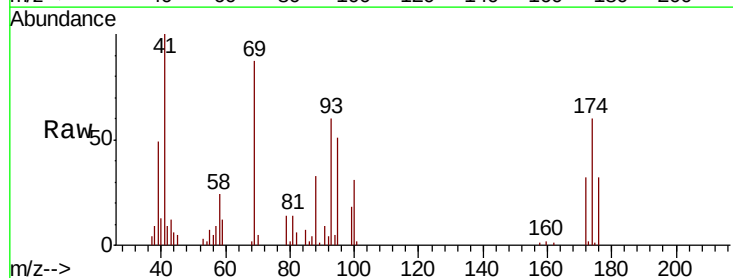
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD02

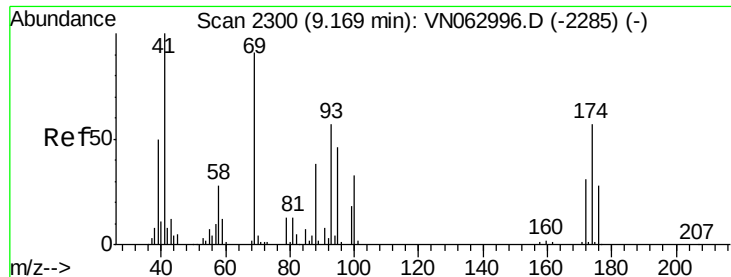
Tot Ion: 83 Resp: 52693
 Ion Ratio Lower Upper
 83 100
 85 62.2 51.1 76.7
 127 8.9 6.6 9.8



#48
 Methyl methacrylate
 Concen: 18.575 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

Tgt Ion: 41 Resp: 32152
 Ion Ratio Lower Upper
 41 100
 69 89.7 74.2 111.4
 39 53.5 42.5 63.7

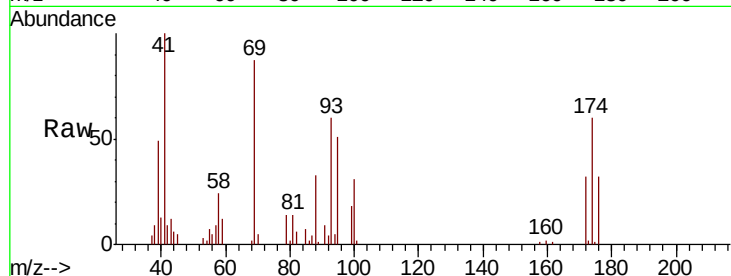




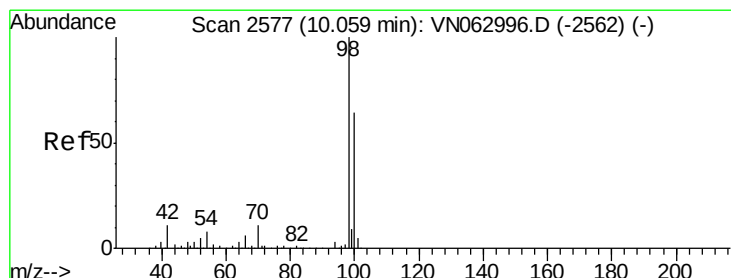
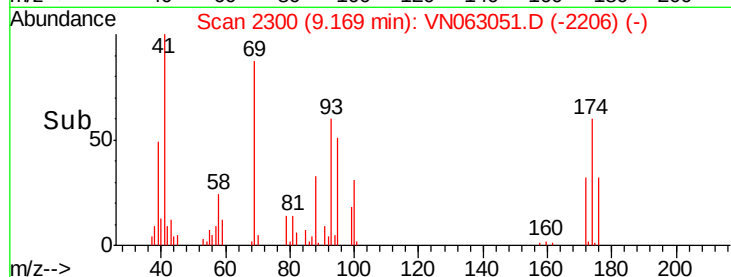
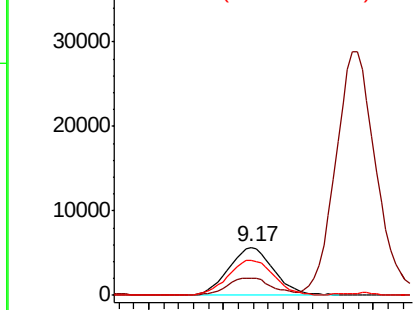
#49
1,4-Dioxane
Concen: 322.029 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD02

Tot Ion: 88 Resp: 11865
Ion Ratio Lower Upper
88 100
43 35.6 25.2 37.8
58 74.6 56.7 85.1

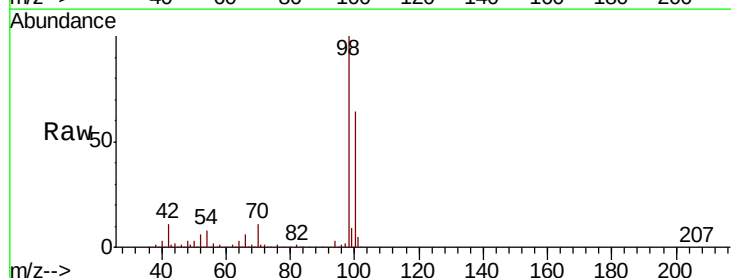


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

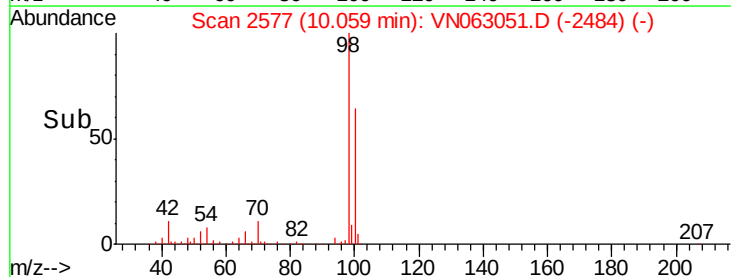
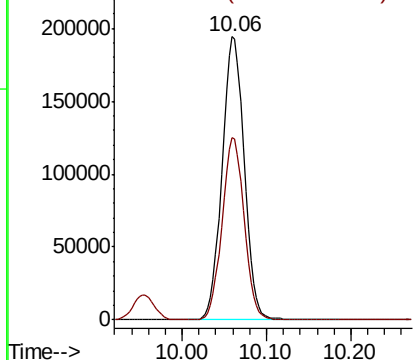


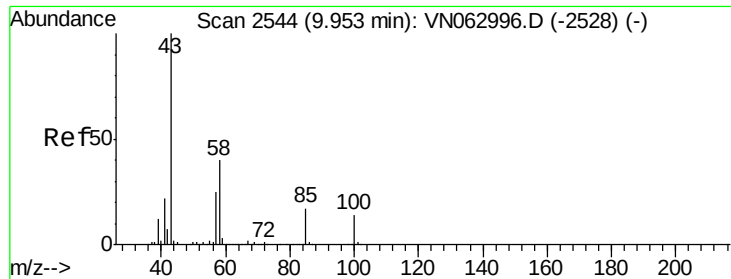
#50
Toluene-d8
Concen: 52.981 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion: 98 Resp: 354605
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8



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

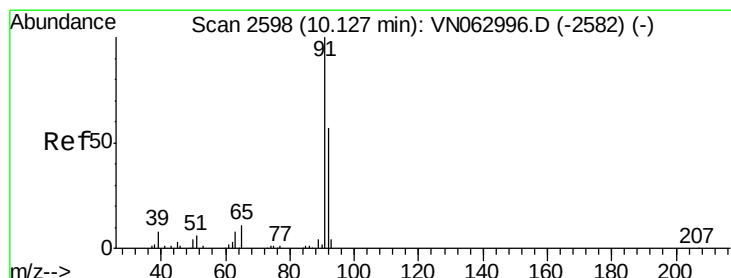
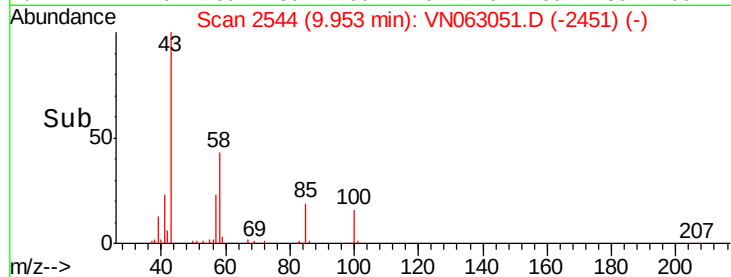
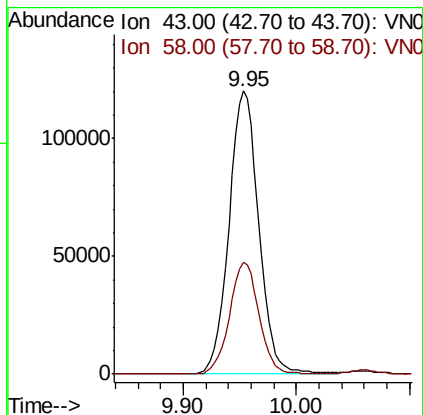
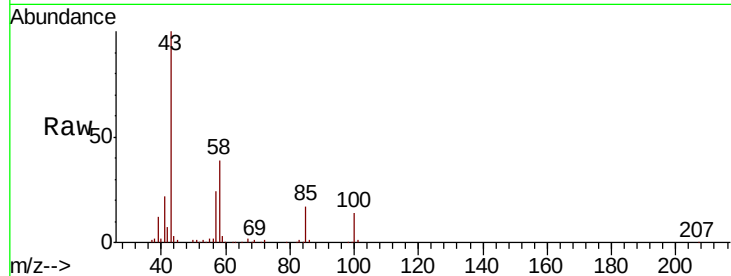




#51
 4-Methyl-2-Pentanone
 Concen: 95.079 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

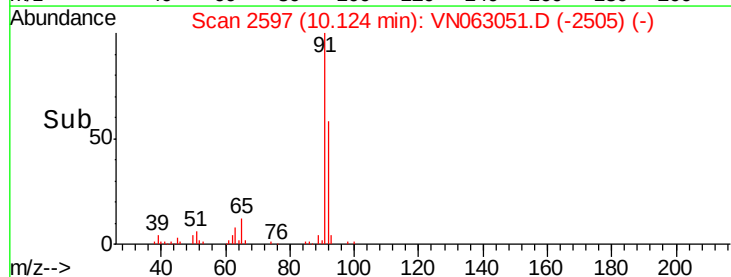
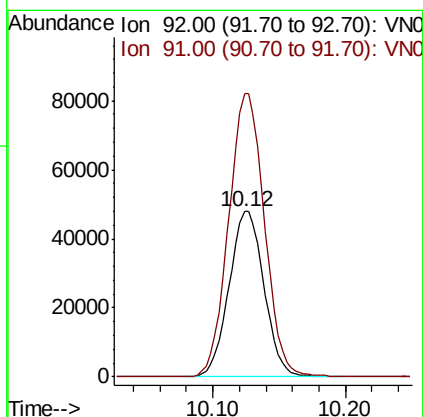
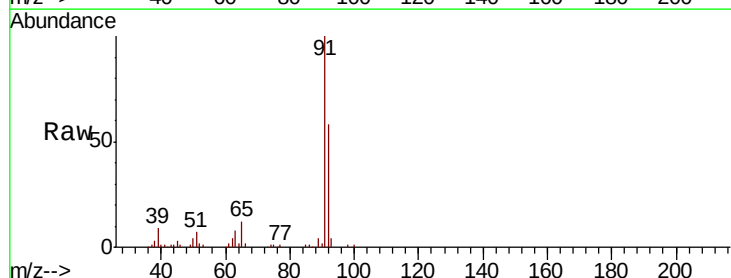
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0820WBSD02

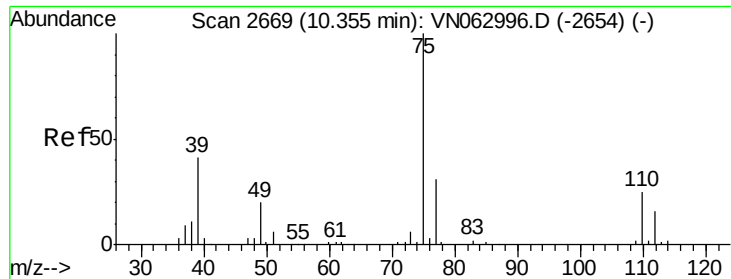
Tot Ion: 43 Resp: 219858
 Ion Ratio Lower Upper
 43 100
 58 38.9 32.2 48.2



#52
 Toluene
 Concen: 19.493 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

Tgt Ion: 92 Resp: 87891
 Ion Ratio Lower Upper
 92 100
 91 175.1 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 18.504 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

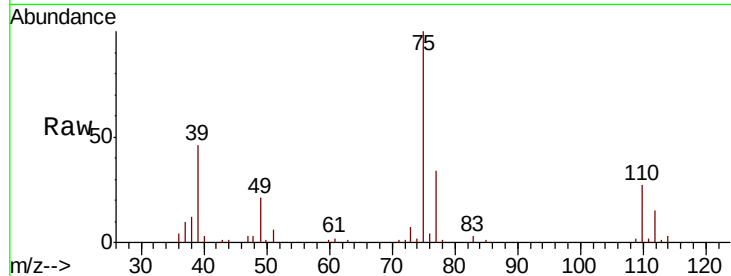
VN0820WBSD02

Tot Ion: 75 Resp: 52311

Ion Ratio Lower Upper

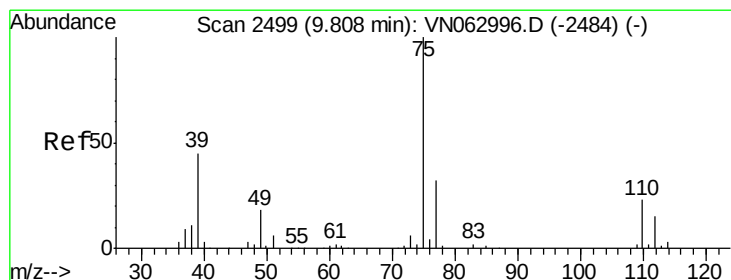
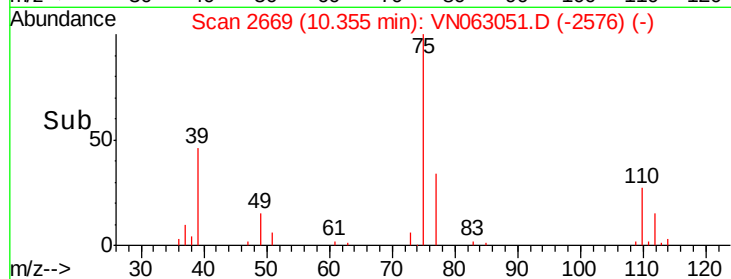
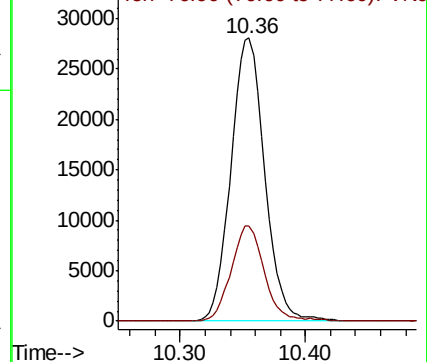
75 100

77 33.6 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.532 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

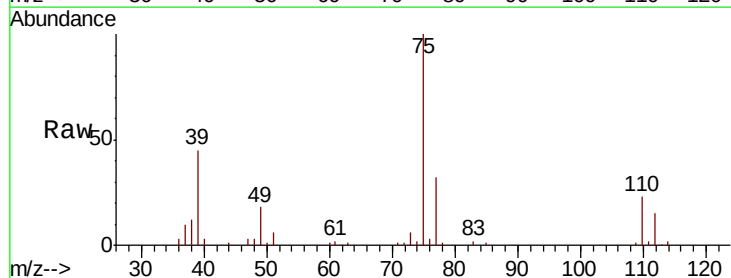
Tgt Ion: 75 Resp: 57471

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2

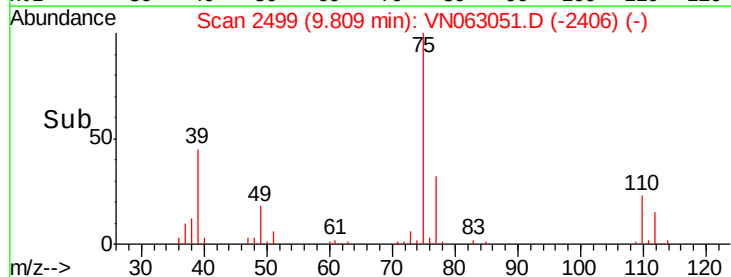
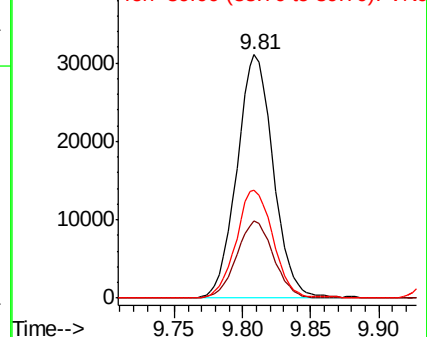
39 44.5 35.7 53.5

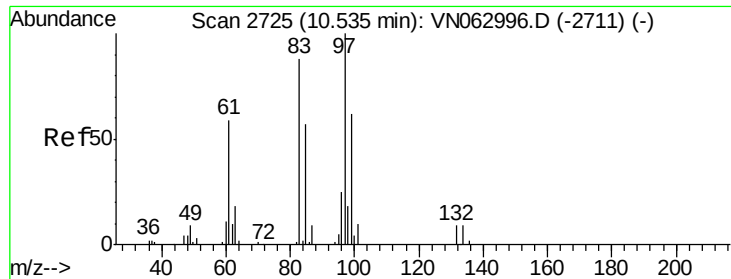


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 19.292 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD02

Tot Ion: 97 Resp: 37194

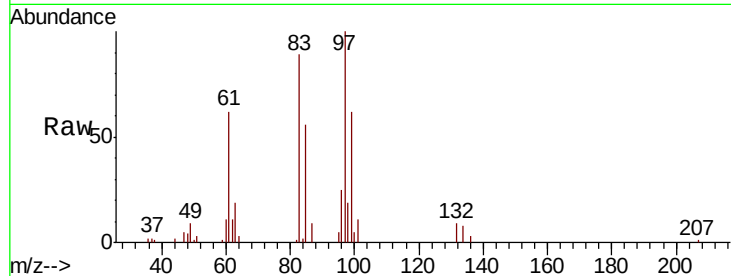
Ion Ratio Lower Upper

97 100

83 88.7 70.5 105.7

85 55.7 45.8 68.6

99 61.9 49.7 74.5

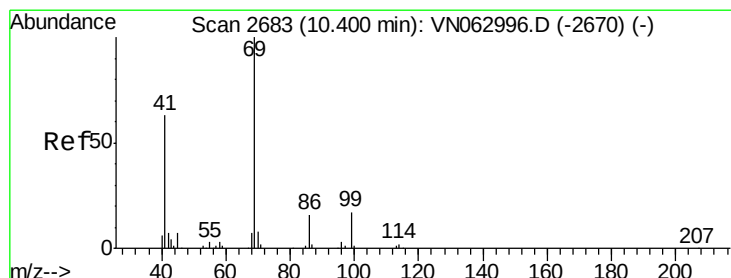
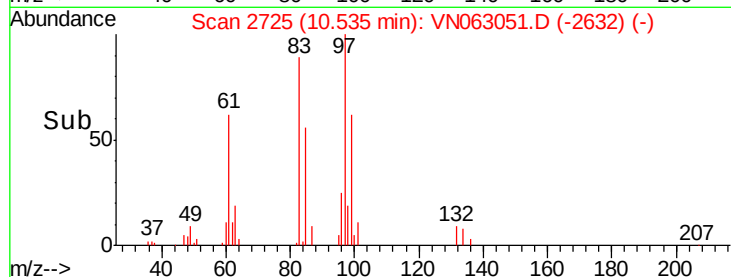
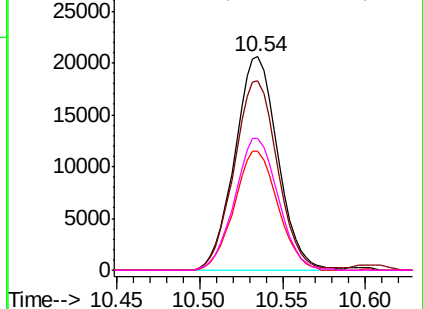


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.469 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

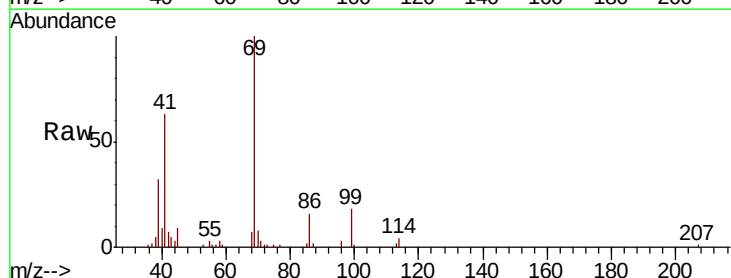
Tgt Ion: 69 Resp: 48524

Ion Ratio Lower Upper

69 100

41 65.1 50.2 75.2

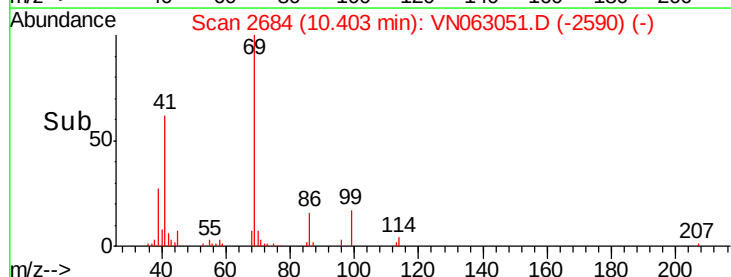
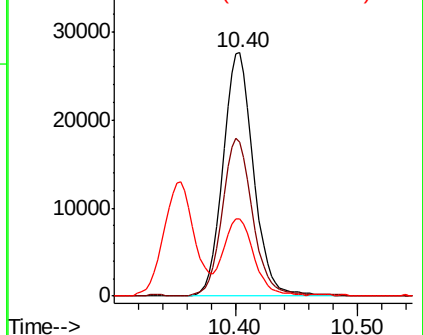
39 32.0 24.2 36.4

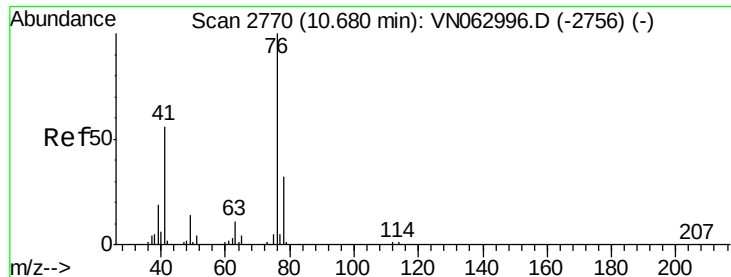


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

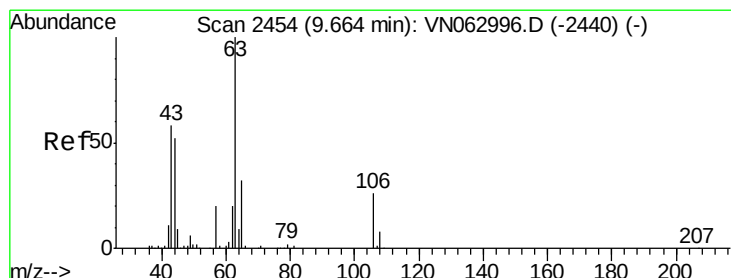
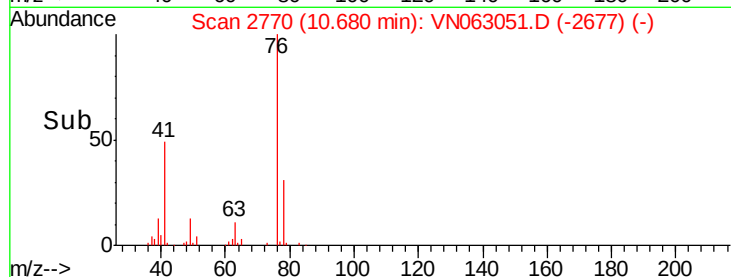
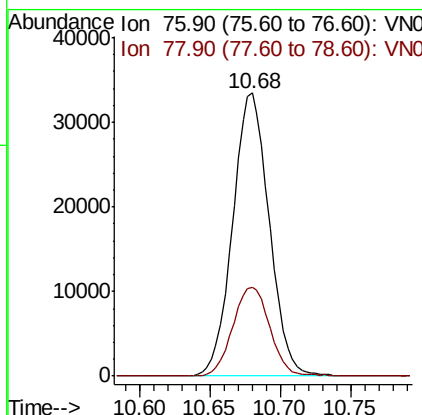
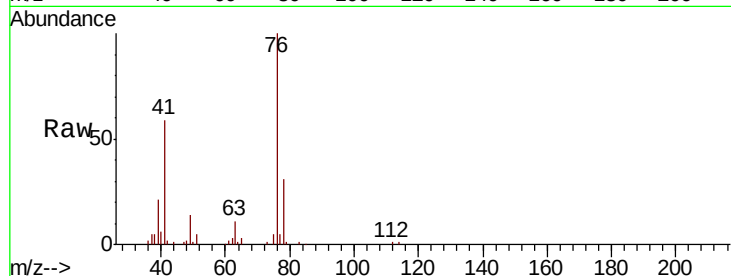




#57
 1,3-Dichloropropane
 Concen: 18.941 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

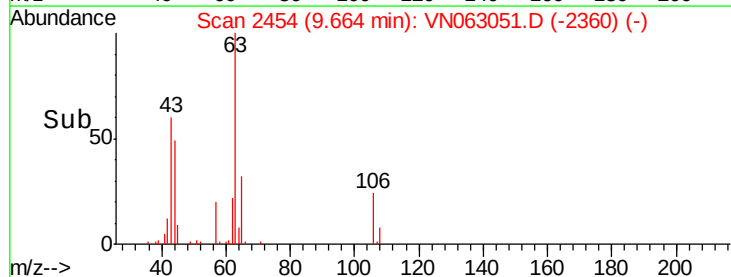
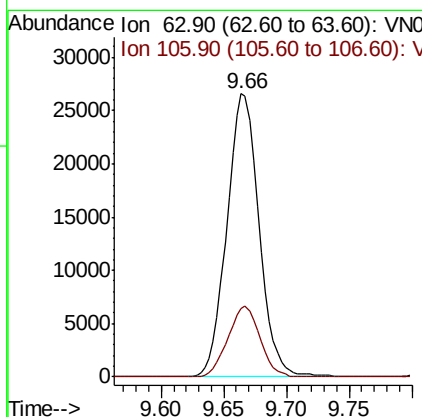
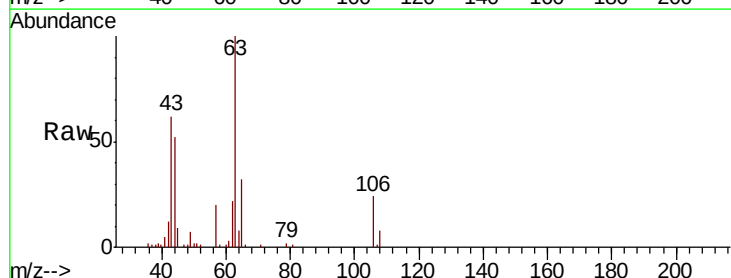
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD02

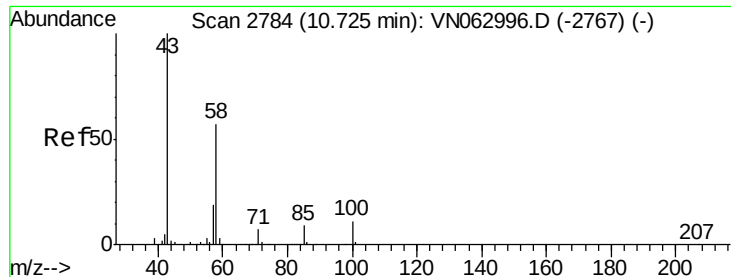
Tot Ion: 76 Resp: 60638
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 74.344 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

Tgt Ion: 63 Resp: 47295
 Ion Ratio Lower Upper
 63 100
 106 24.9 20.7 31.1

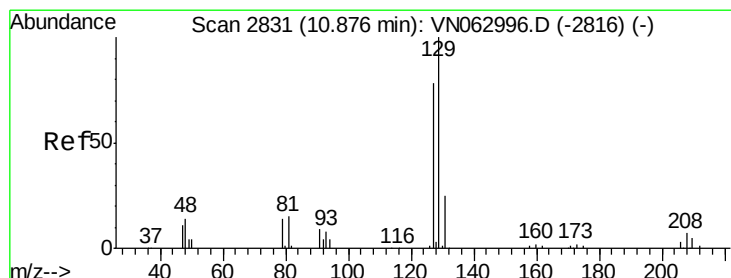
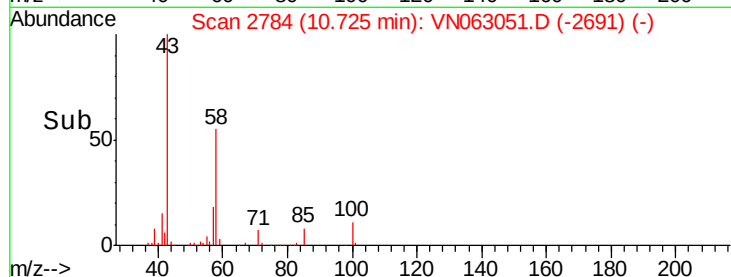
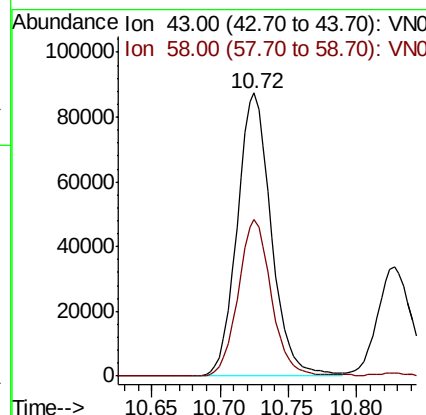
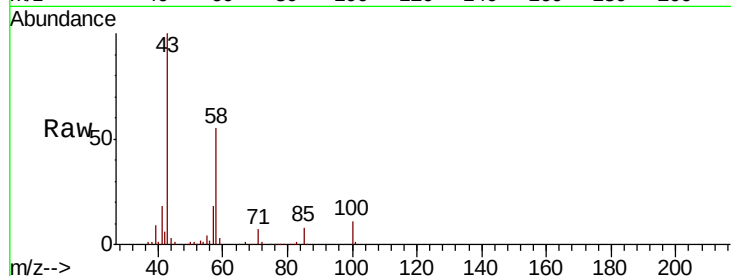




#59
2-Hexanone
Concen: 93.977 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

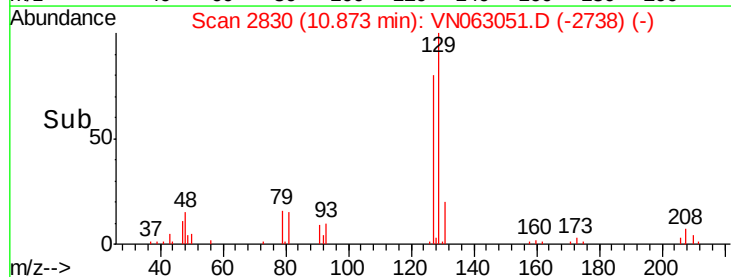
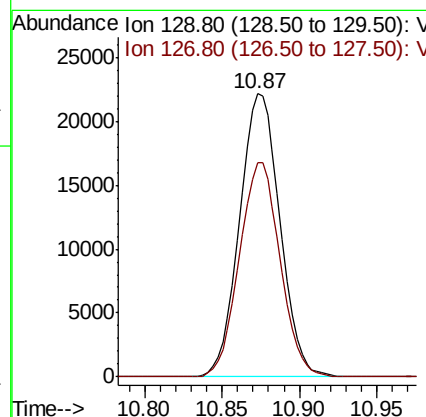
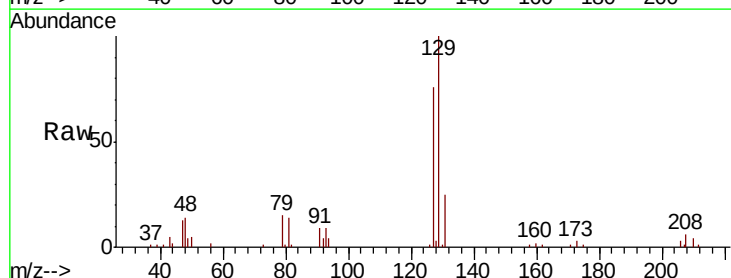
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD02

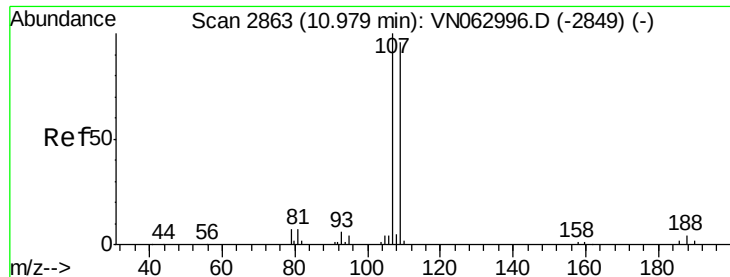
Tot Ion: 43 Resp: 151579
Ion Ratio Lower Upper
43 100
58 53.6 28.1 84.3



#60
Dibromochloromethane
Concen: 18.850 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion: 129 Resp: 40218
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.297 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

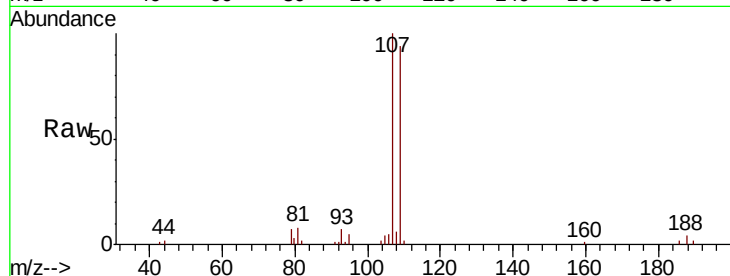
VN0820WBSD02

Tot Ion:107 Resp: 35747

Ion Ratio Lower Upper

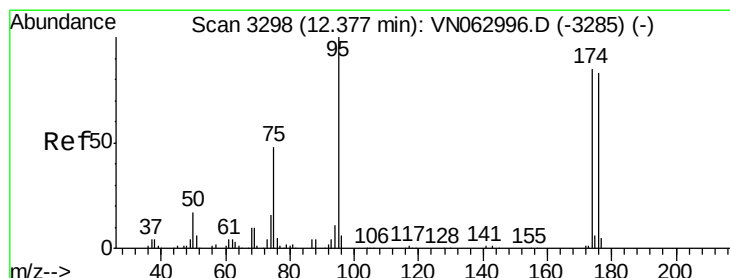
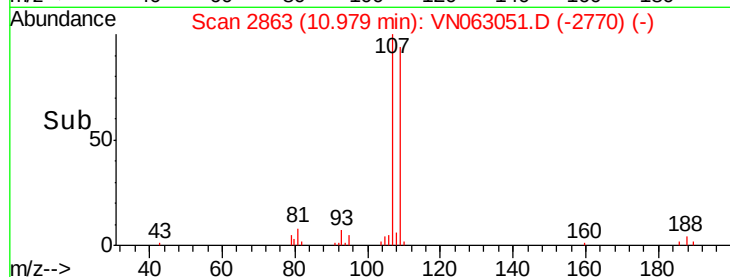
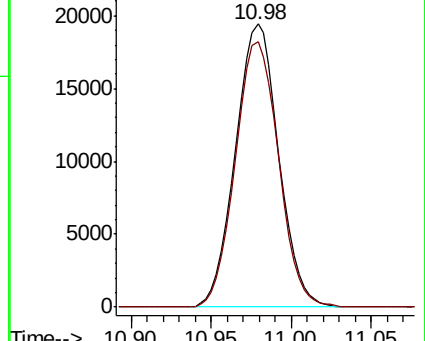
107 100

109 94.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.266 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

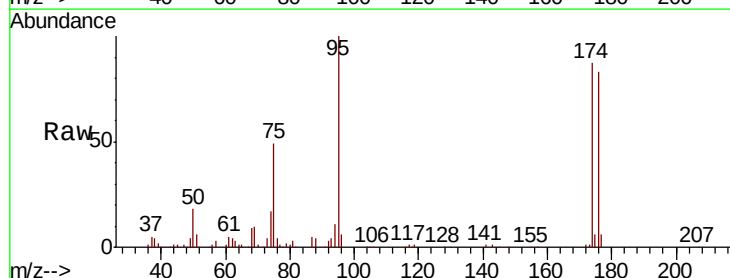
Tgt Ion: 95 Resp: 121083

Ion Ratio Lower Upper

95 100

174 86.4 0.0 170.8

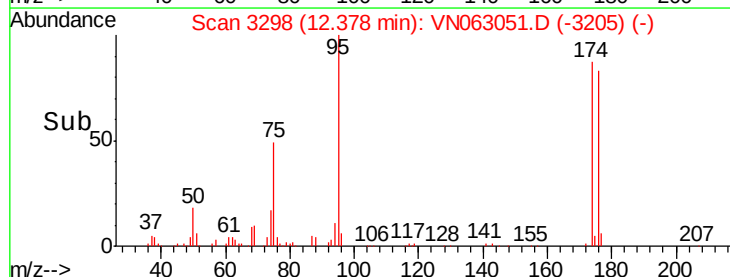
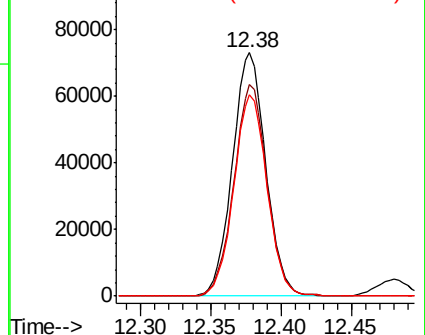
176 82.7 0.0 164.8

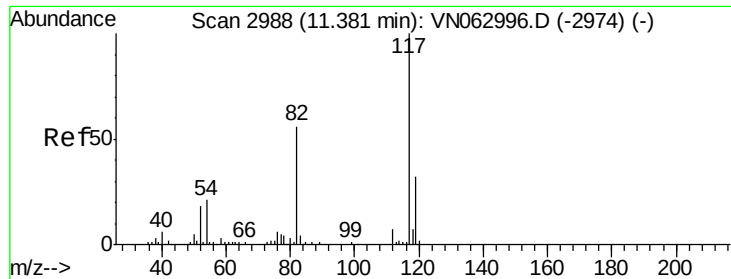


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

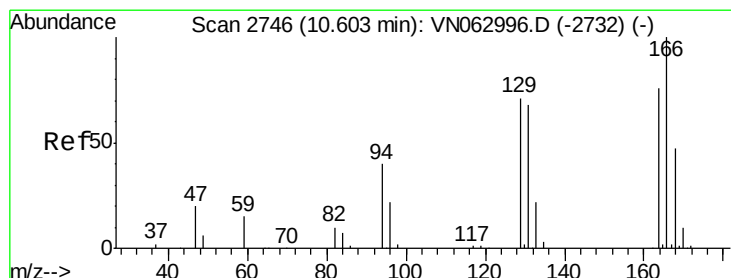
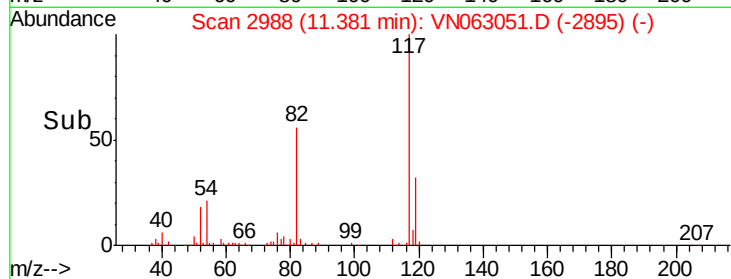
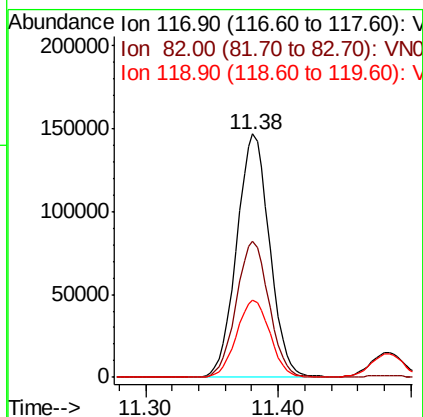
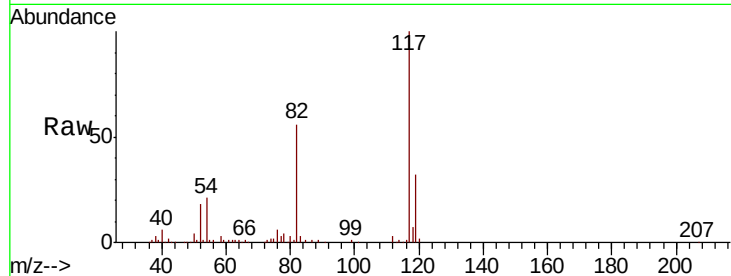




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

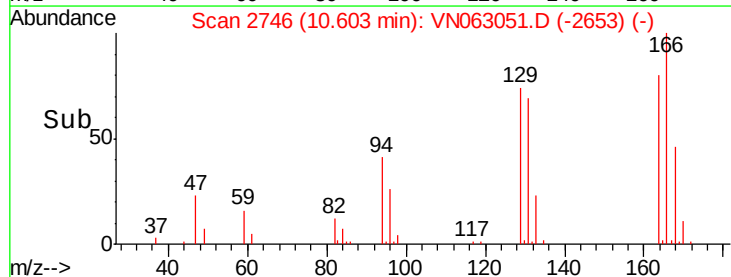
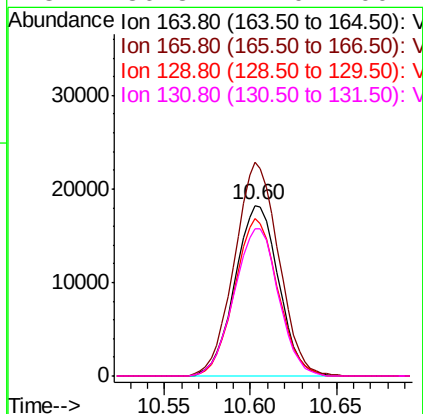
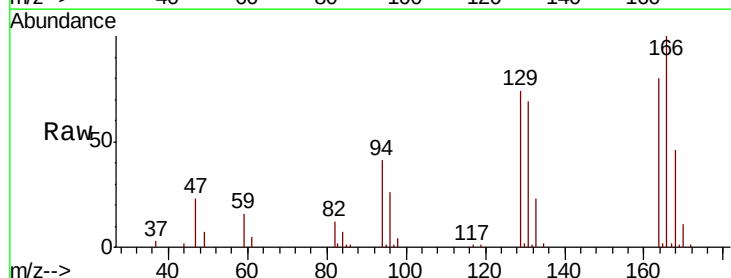
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD02

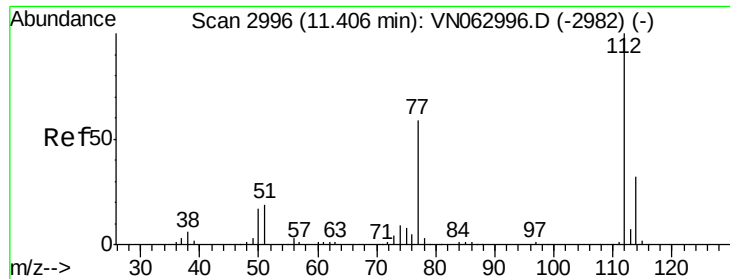
Tot Ion:117 Resp: 253330
Ion Ratio Lower Upper
117 100
82 55.7 44.5 66.7
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 19.357 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion:164 Resp: 32234
Ion Ratio Lower Upper
164 100
166 125.4 105.0 157.6
129 92.3 74.7 112.1
131 86.8 71.0 106.4

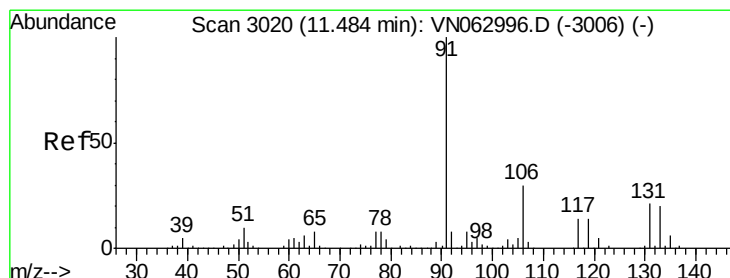
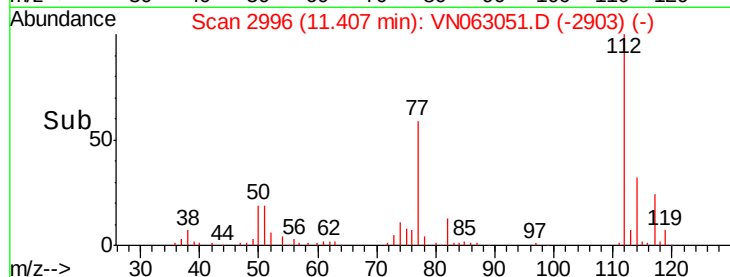
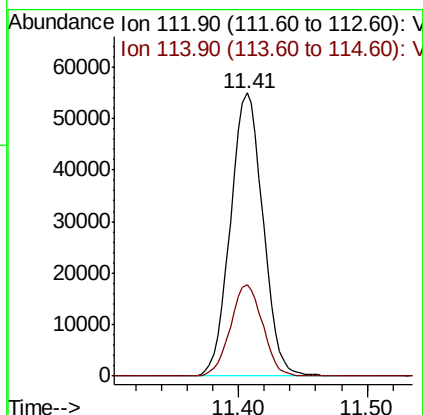
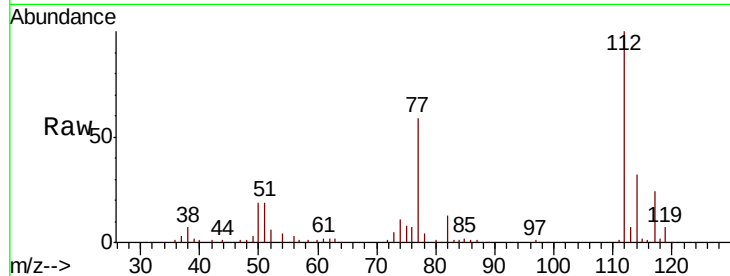




#65
Chlorobenzene
Concen: 18.959 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

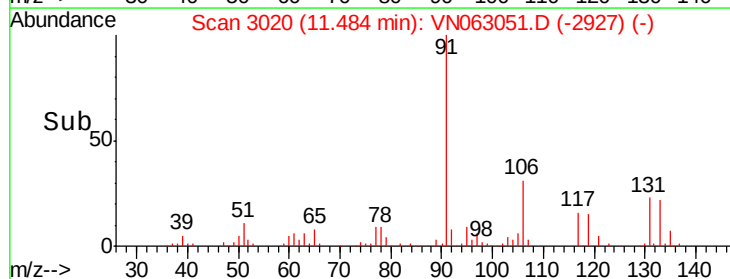
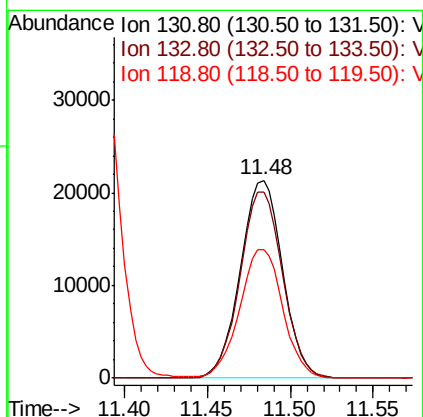
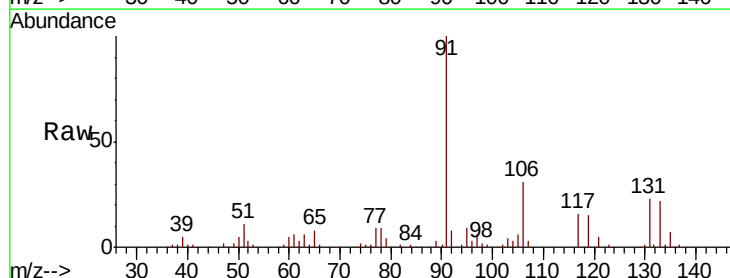
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD02

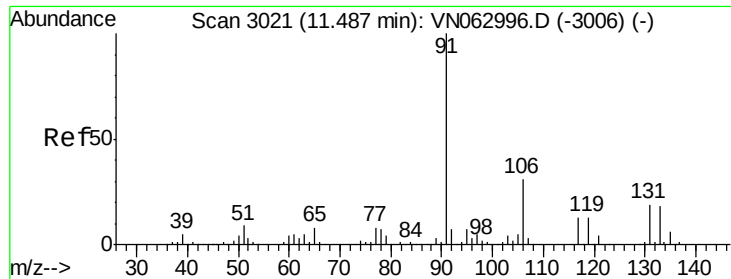
Tot Ion:112 Resp: 96460
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.069 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion:131 Resp: 37736
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 66.7 33.1 99.3

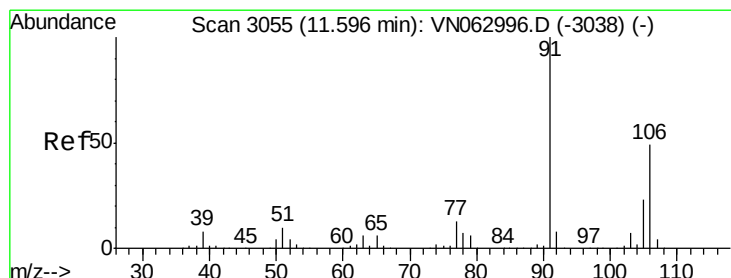
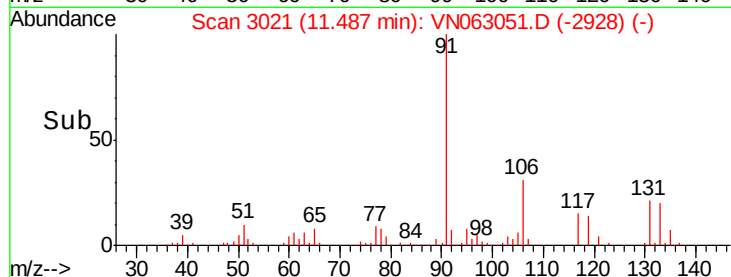
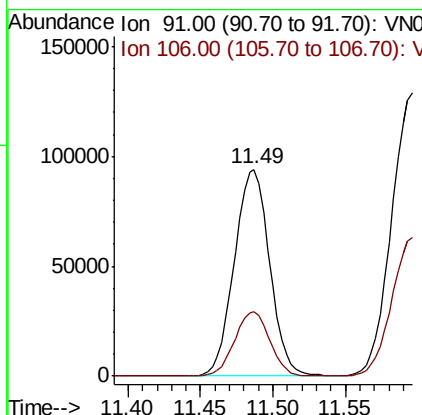
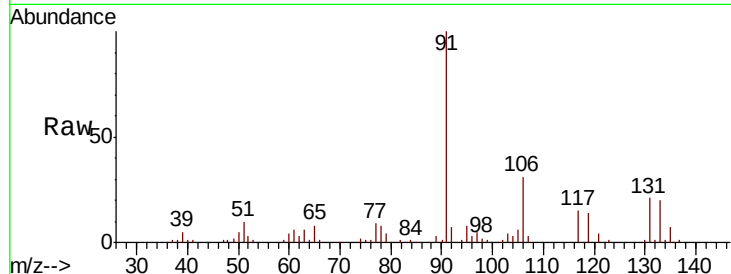




#67
Ethyl Benzene
Concen: 18.587 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

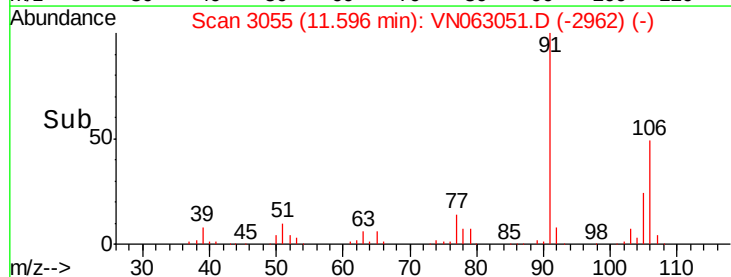
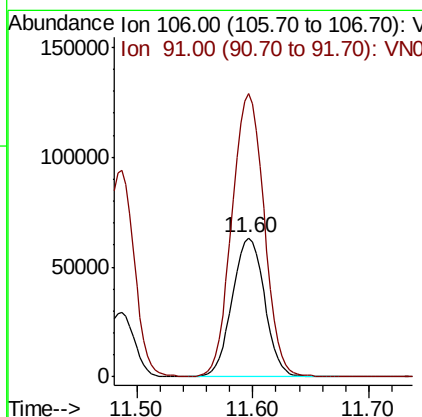
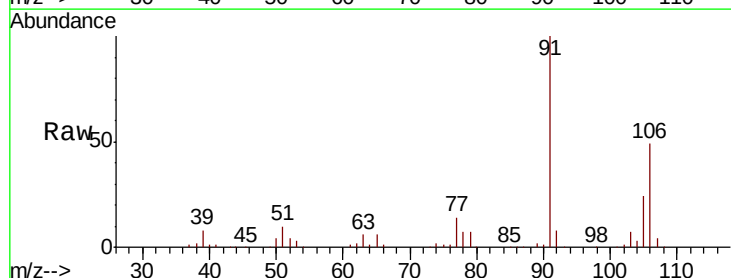
Instrument :
MSVOA_N
ClientSampled :
VN0820WBSD02

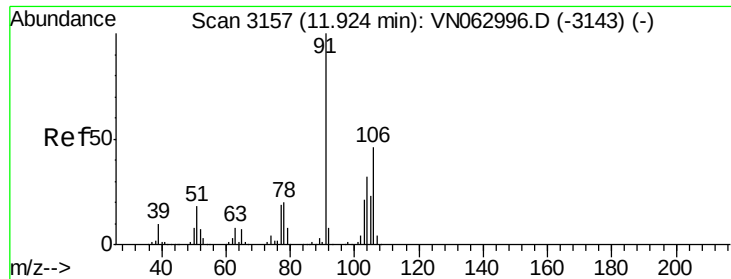
Tot Ion: 91 Resp: 159793
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0



#68
m/p-Xylenes
Concen: 38.468 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion: 106 Resp: 122914
Ion Ratio Lower Upper
106 100
91 202.5 163.0 244.4

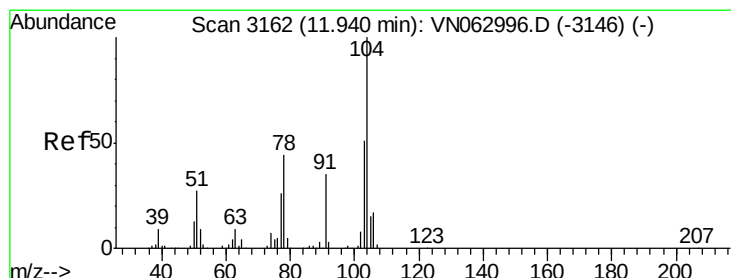
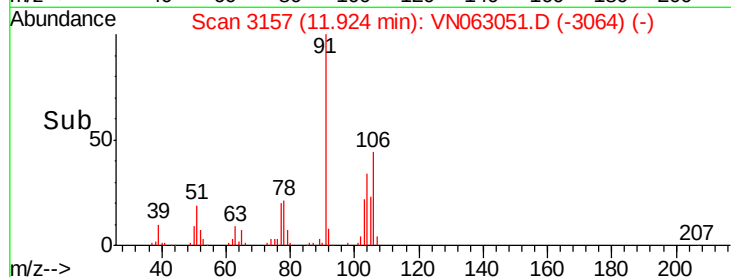
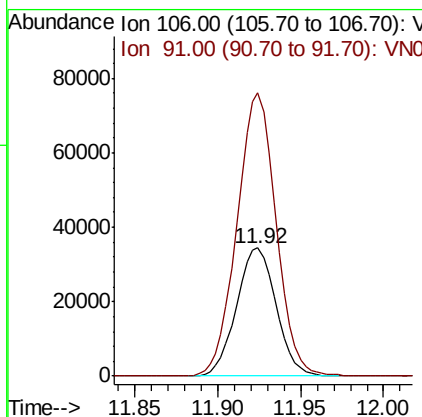
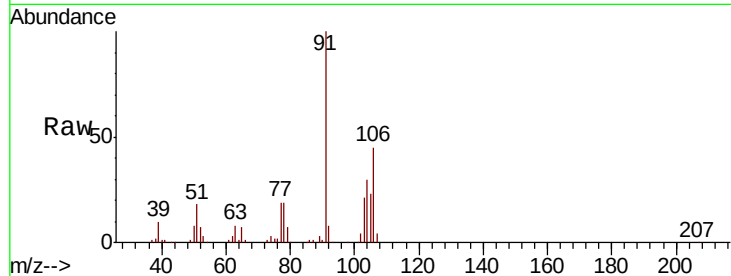




#69
o-Xylene
Concen: 18.687 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

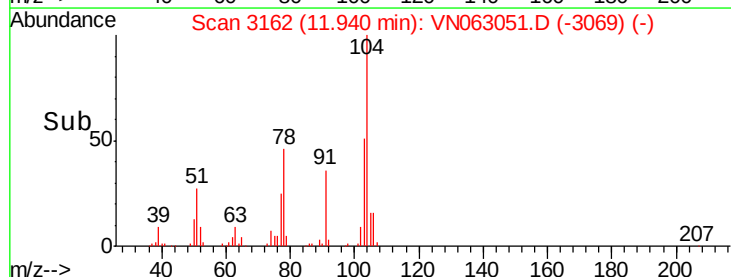
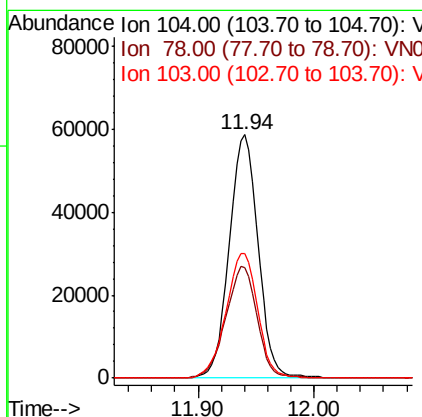
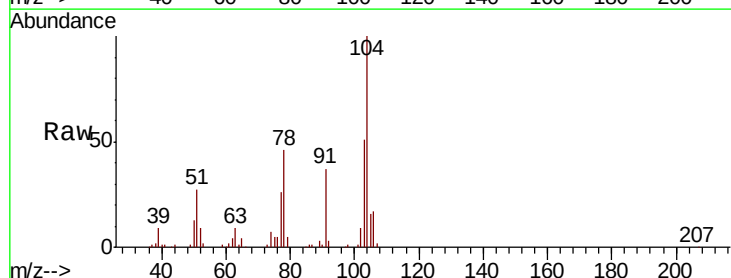
Instrument :
MSVOA_N
ClientSampled :
VN0820WBSD02

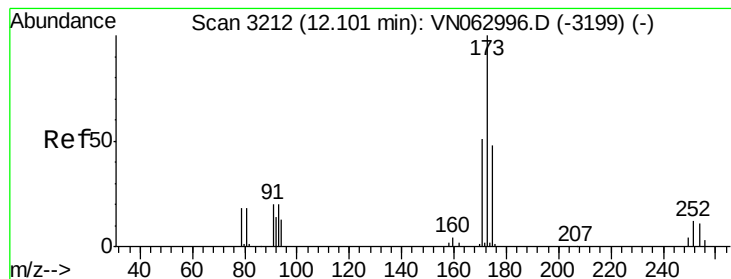
Tot Ion:106 Resp: 57337
Ion Ratio Lower Upper
106 100
91 218.2 107.3 321.9



#70
Styrene
Concen: 17.852 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion:104 Resp: 100864
Ion Ratio Lower Upper
104 100
78 49.9 39.0 58.6
103 56.2 44.3 66.5





#71

Bromoform

Concen: 18.591 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD02

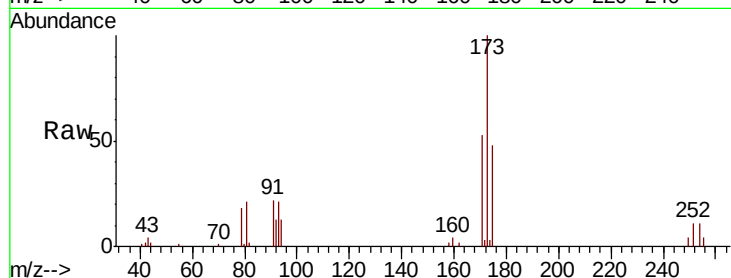
Tot Ion:173 Resp: 29284

Ion Ratio Lower Upper

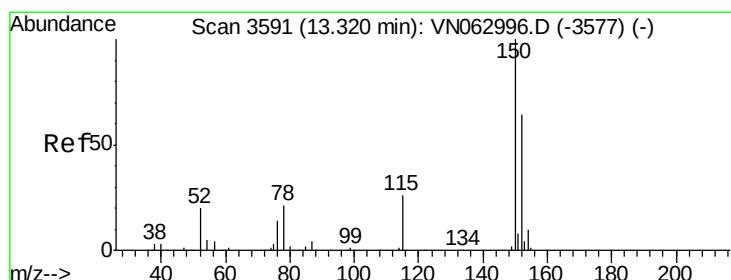
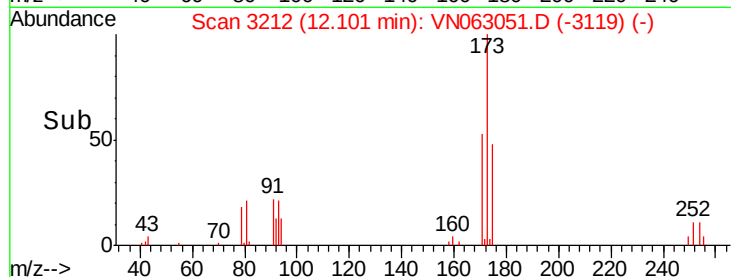
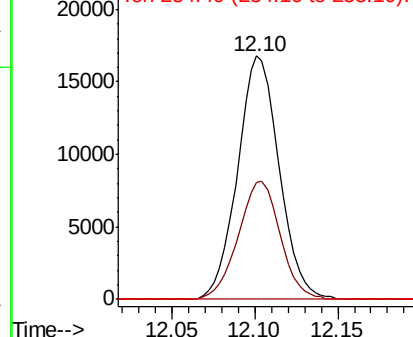
173 100

175 48.8 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

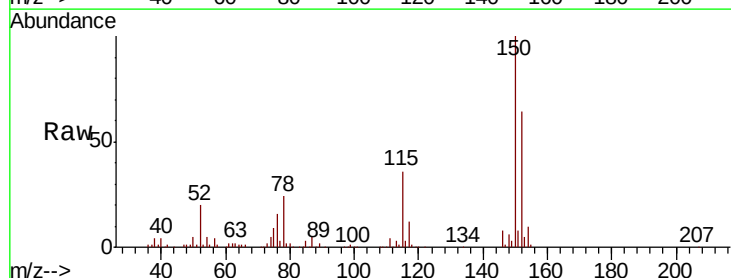
Tgt Ion:152 Resp: 117694

Ion Ratio Lower Upper

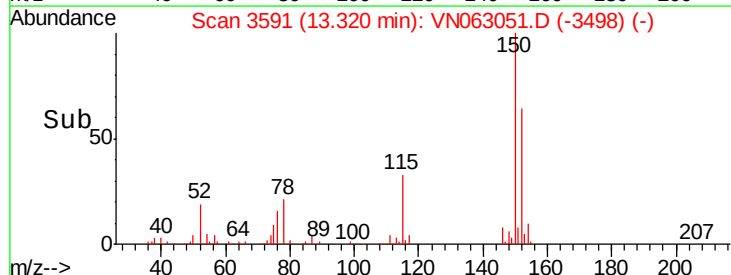
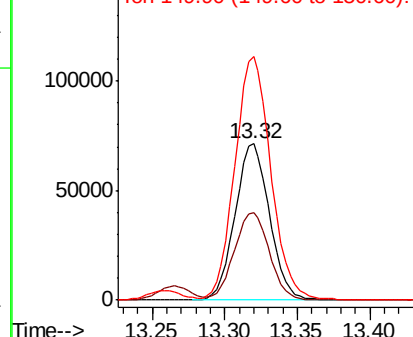
152 100

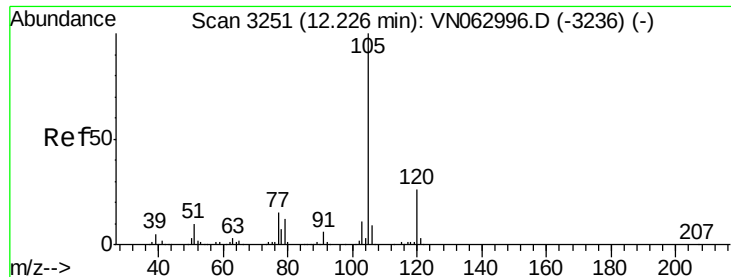
115 57.2 28.7 86.3

150 163.5 0.0 348.8



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





#73

Isopropylbenzene

Concen: 19.564 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

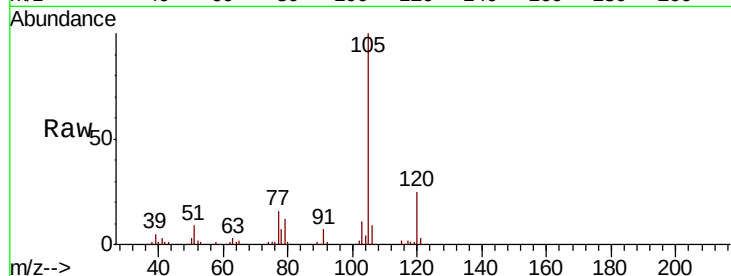
VN0820WBSD02

Tot Ion:105 Resp: 157680

Ion Ratio Lower Upper

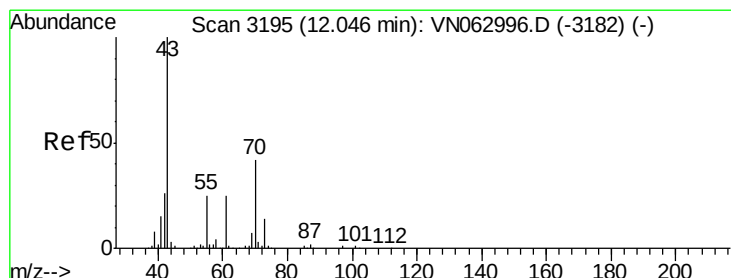
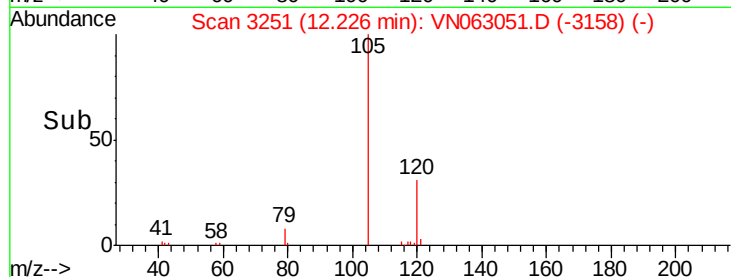
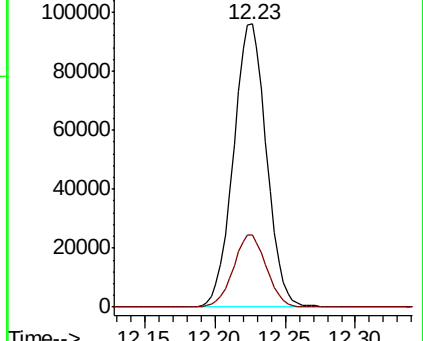
105 100

120 25.6 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.467 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Tgt Ion: 43 Resp: 56194

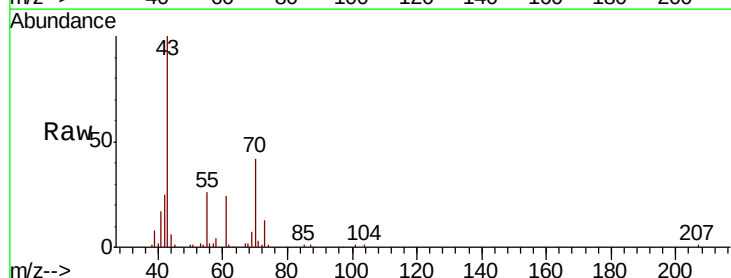
Ion Ratio Lower Upper

43 100

70 40.6 33.4 50.0

55 26.4 20.2 30.2

61 23.3 19.9 29.9

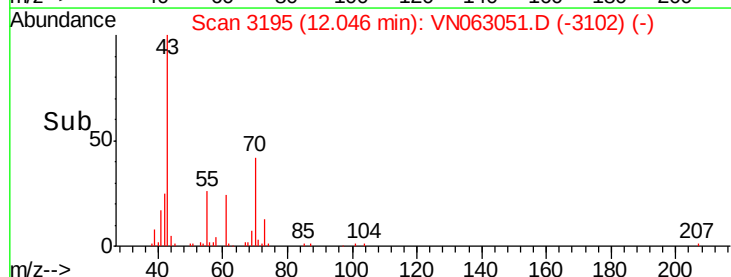
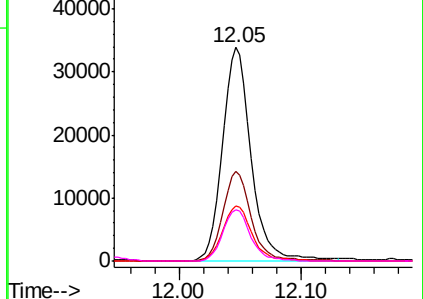


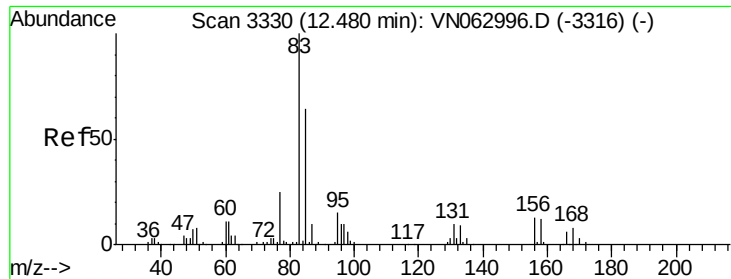
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.821 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD02

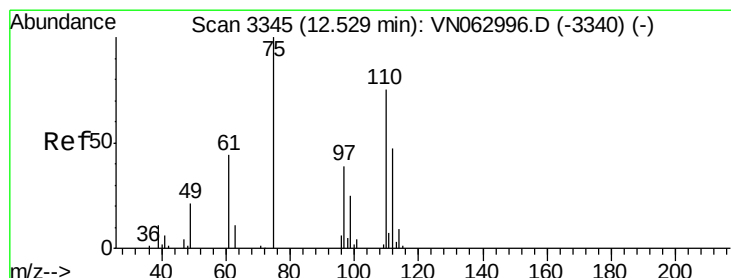
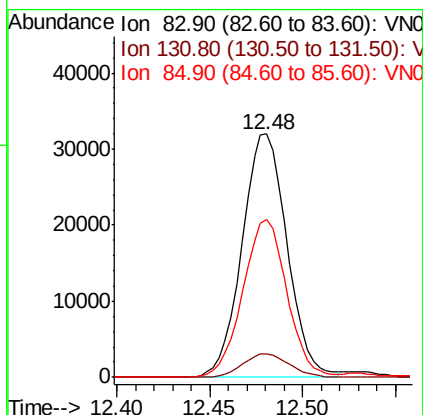
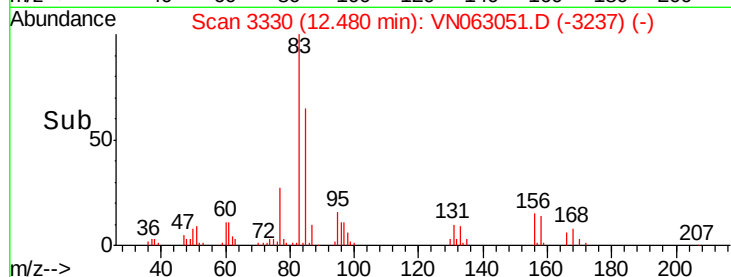
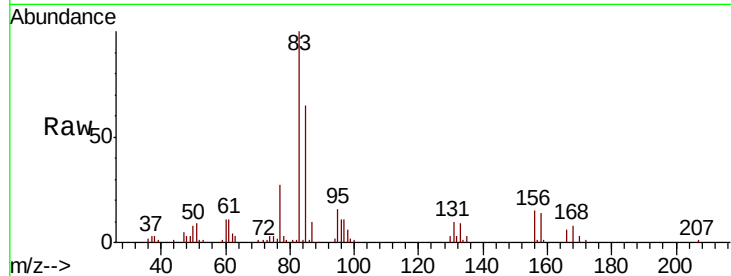
Tot Ion: 83 Resp: 54193

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 63.6 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 28.185 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN063051.D

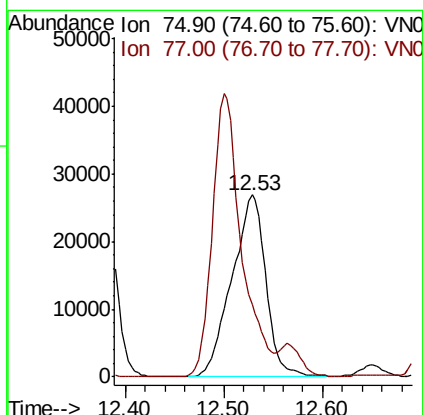
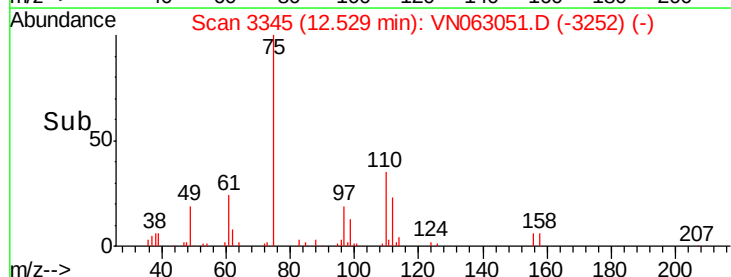
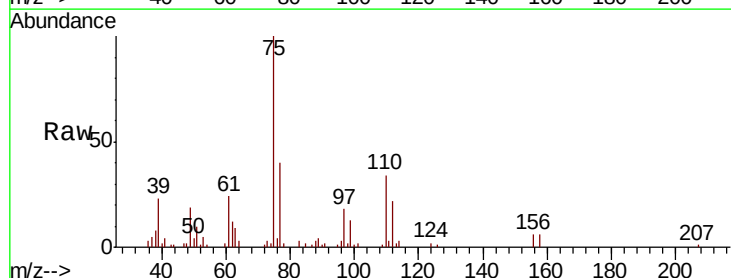
Acq: 20 Aug 2020 22:26

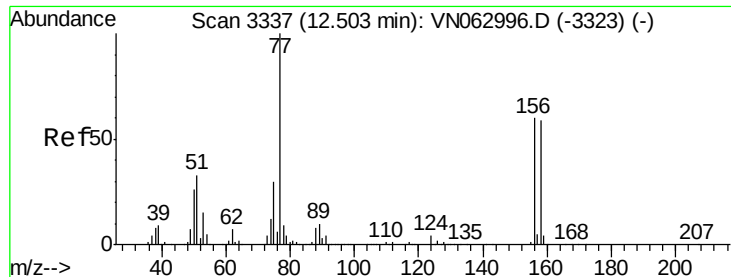
Tgt Ion: 75 Resp: 64479

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.538 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD02

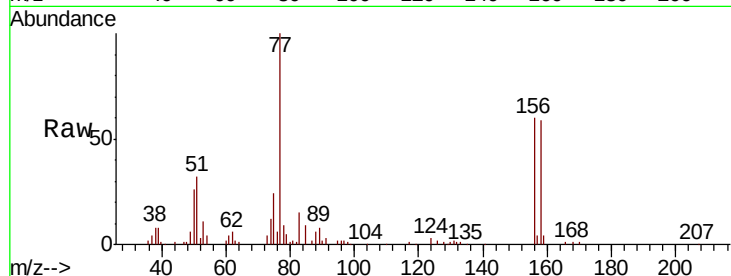
Tot Ion:156 Resp: 43309

Ion Ratio Lower Upper

156 100

77 199.5 101.0 302.9

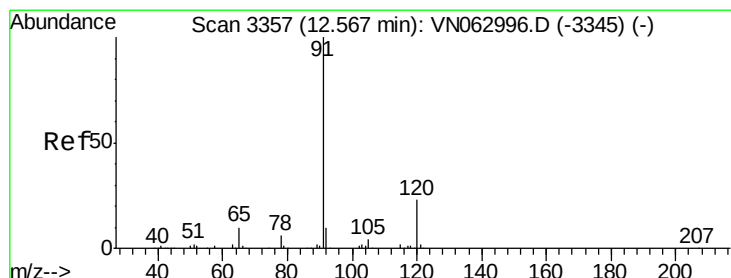
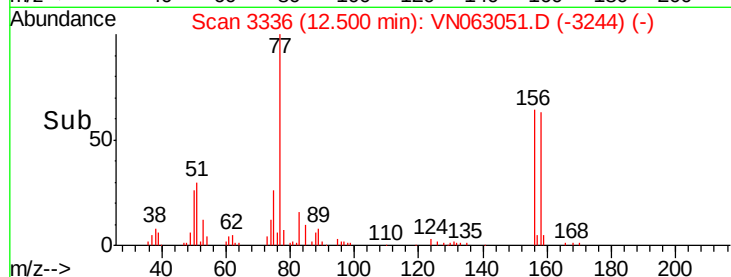
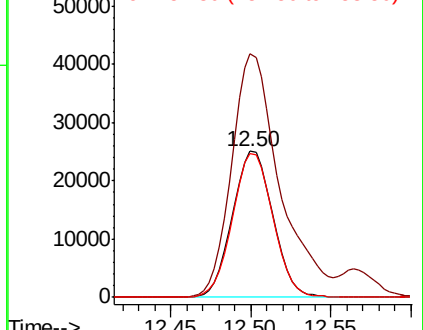
158 98.4 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.039 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063051.D

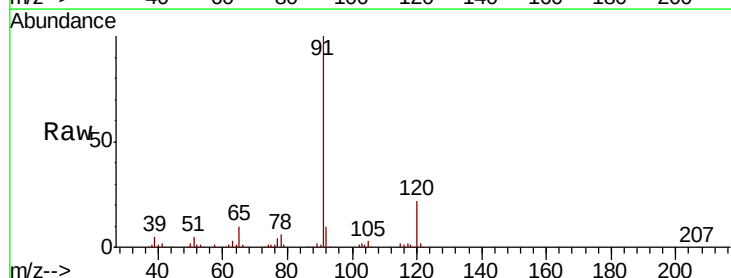
Acq: 20 Aug 2020 22:26

Tgt Ion: 91 Resp: 184090

Ion Ratio Lower Upper

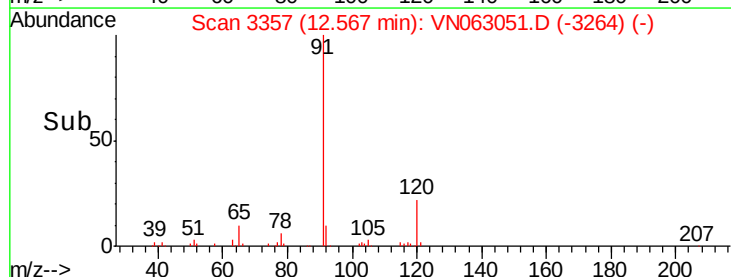
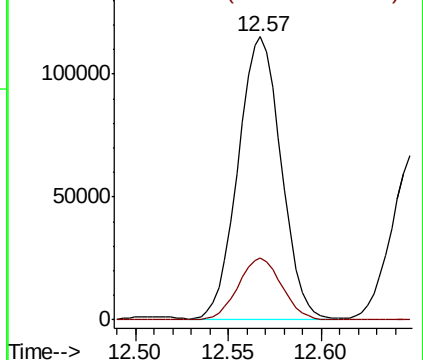
91 100

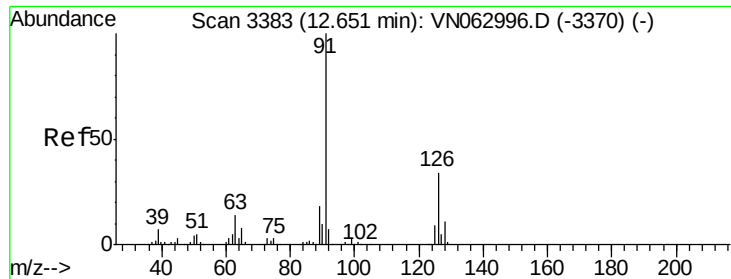
120 22.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

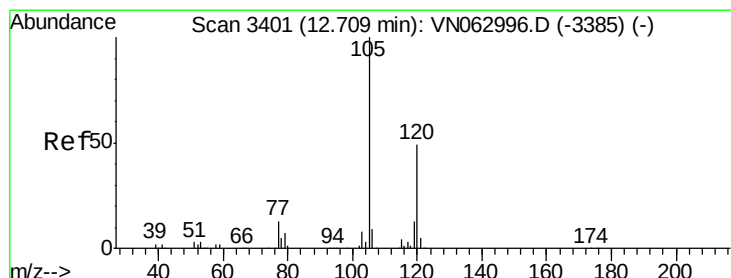
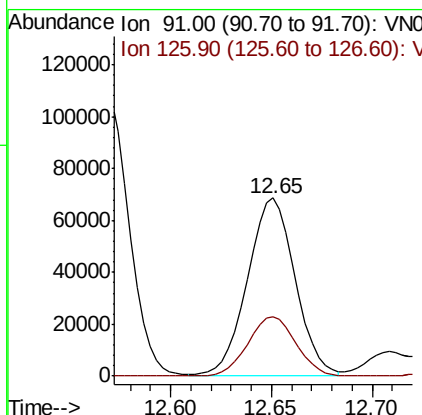
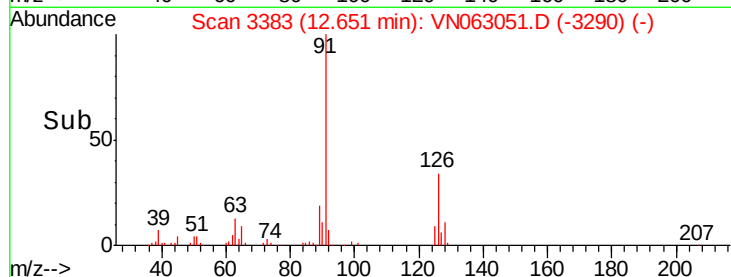
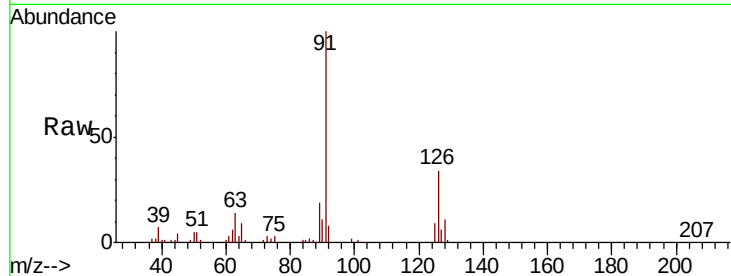




#79
 2-Chlorotoluene
 Concen: 19.403 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

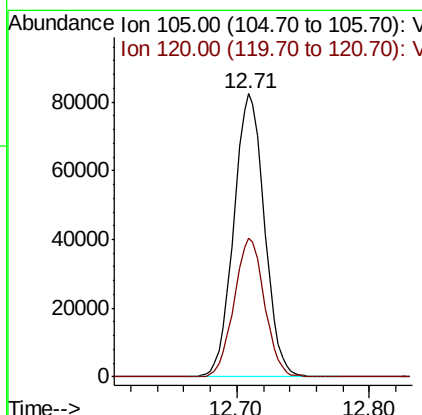
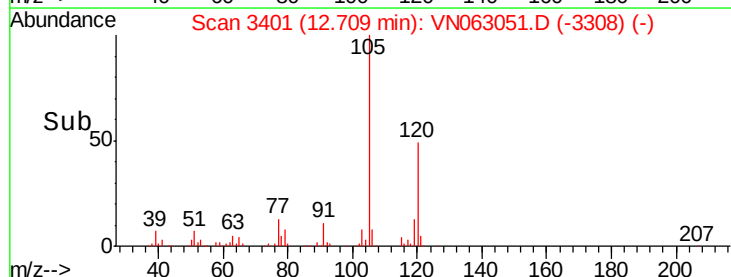
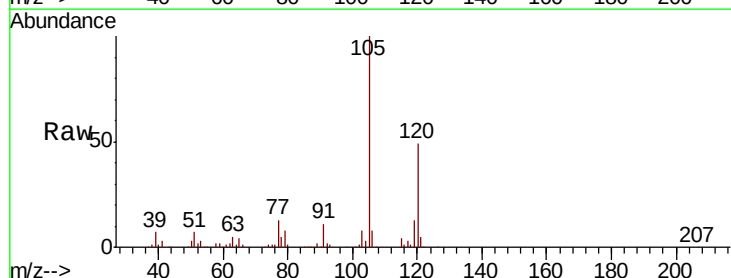
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD02

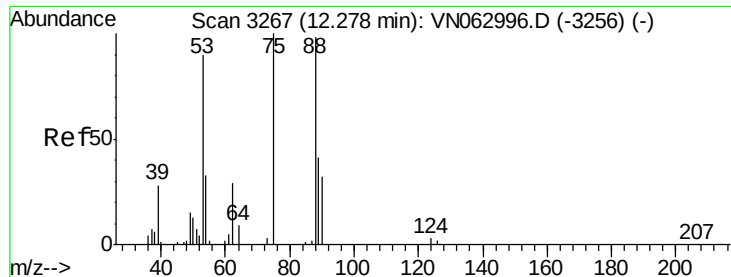
Tot Ion: 91 Resp: 112117
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 19.859 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

Tgt Ion: 105 Resp: 132314
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.325 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD02

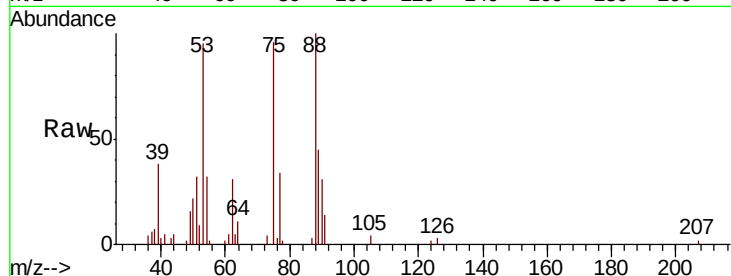
Tot Ion: 75 Resp: 14431

Ion Ratio Lower Upper

75 100

53 98.9 69.2 103.8

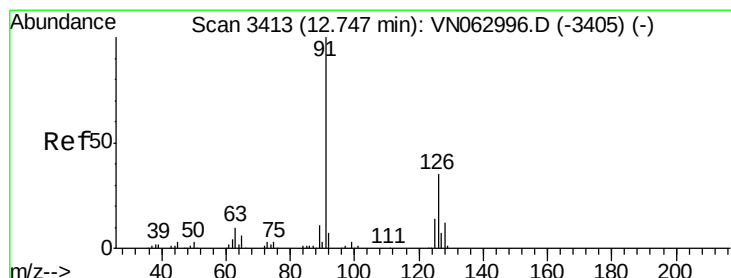
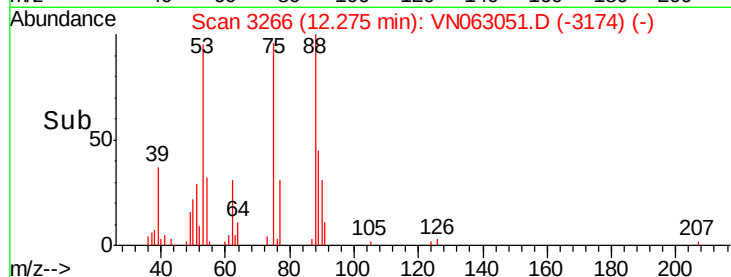
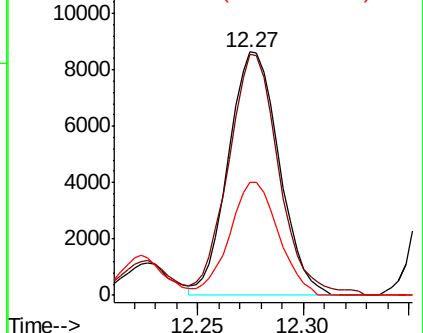
89 45.0 34.2 51.4



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: 19.776 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN063051.D

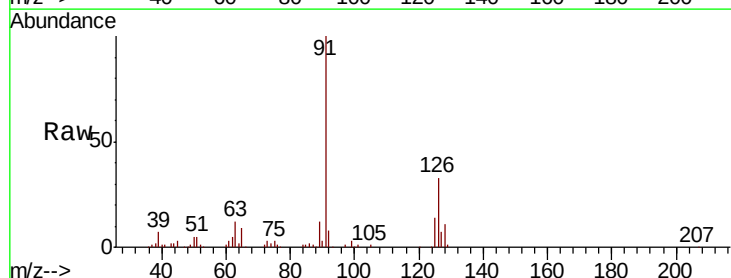
Acq: 20 Aug 2020 22:26

Tgt Ion: 91 Resp: 116356

Ion Ratio Lower Upper

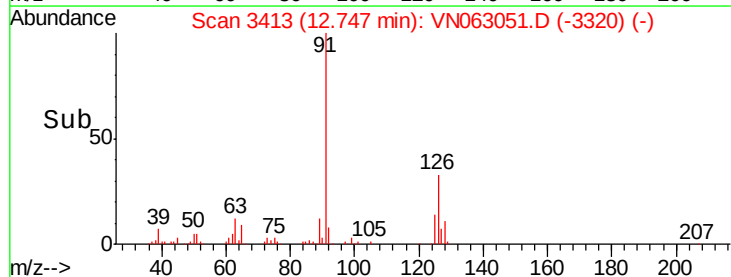
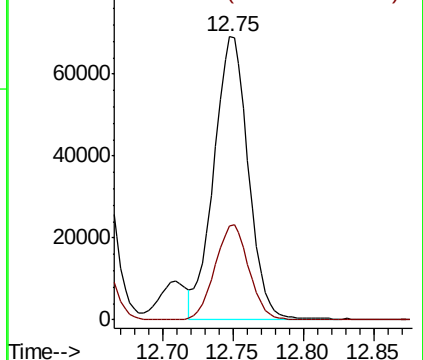
91 100

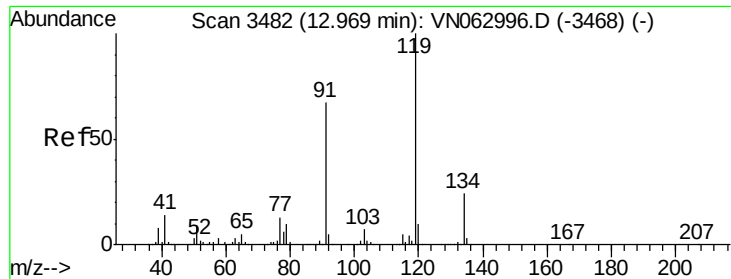
126 33.4 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

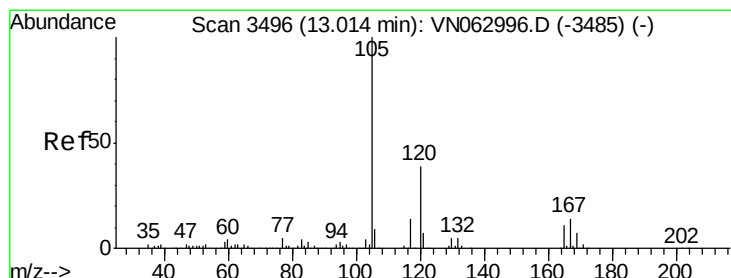
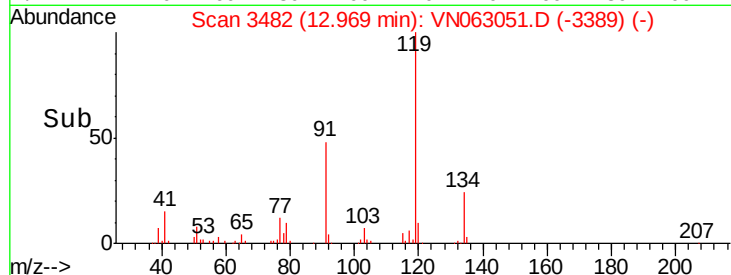
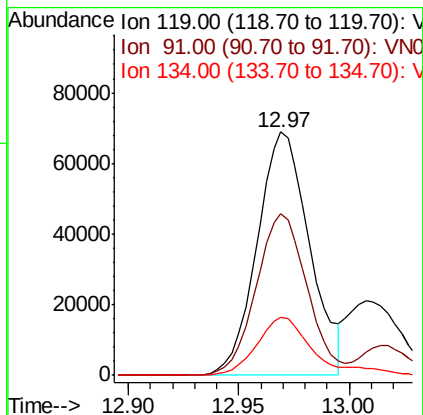
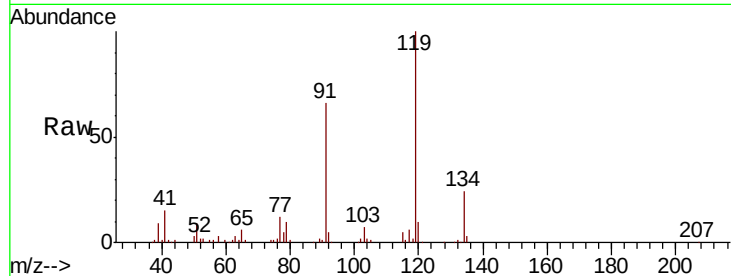




#83
tert-Butylbenzene
Concen: 19.744 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

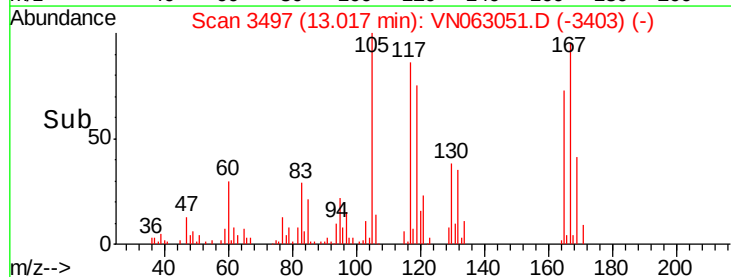
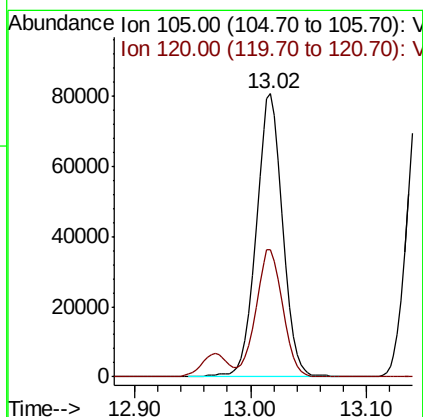
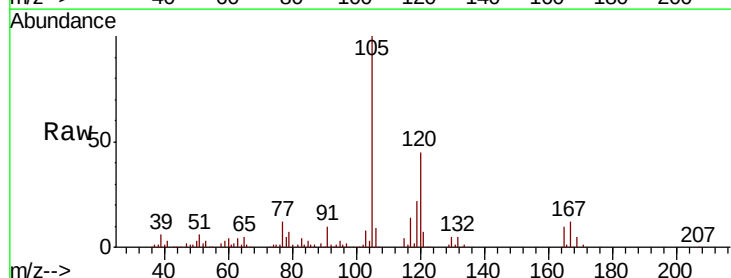
Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD02

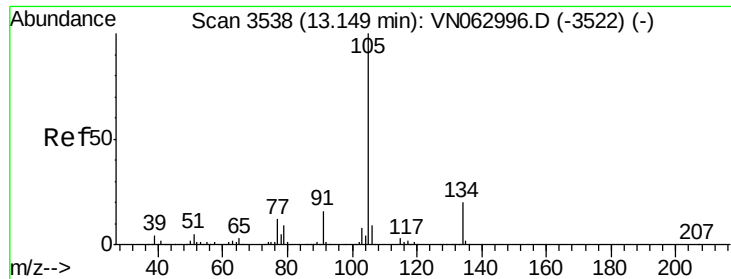
Tot Ion:119 Resp: 113536
Ion Ratio Lower Upper
119 100
91 64.8 32.5 97.4
134 25.8 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 19.749 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion:105 Resp: 128186
Ion Ratio Lower Upper
105 100
120 45.6 22.5 67.5





#85

sec-Butylbenzene

Concen: 19.476 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

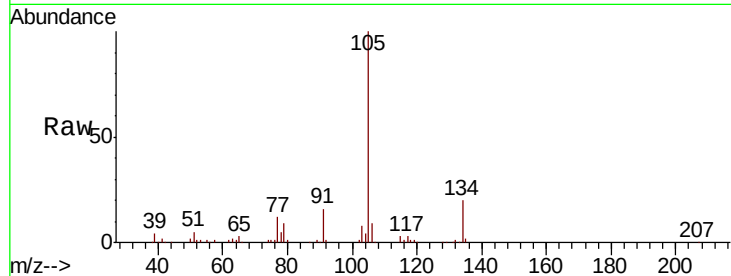
VN0820WBSD02

Tot Ion:105 Resp: 151359

Ion Ratio Lower Upper

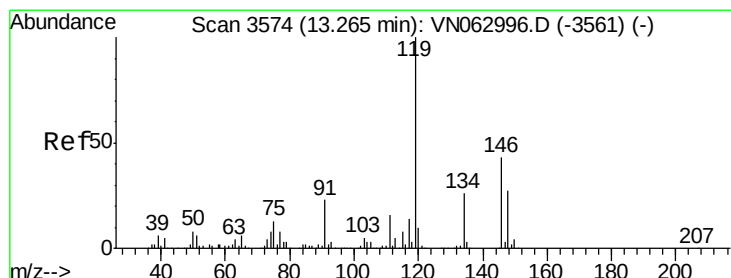
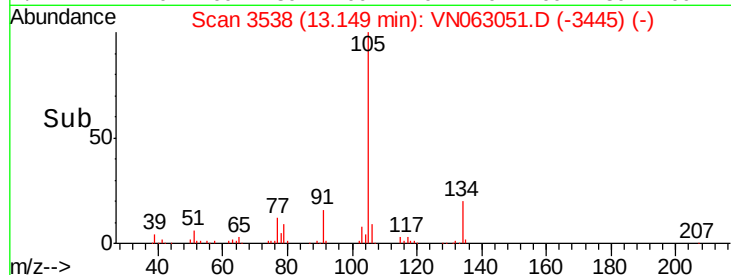
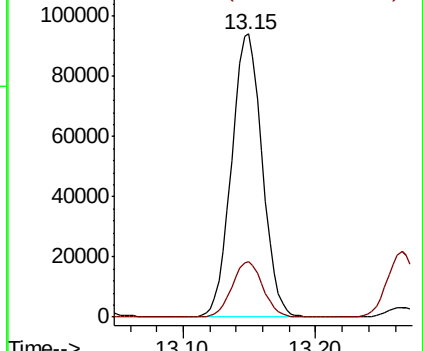
105 100

134 19.6 9.8 29.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.204 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

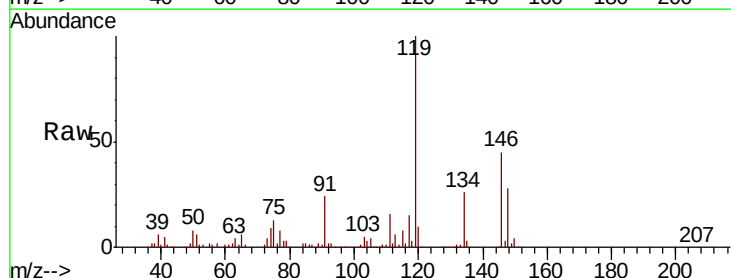
Tgt Ion:119 Resp: 130041

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

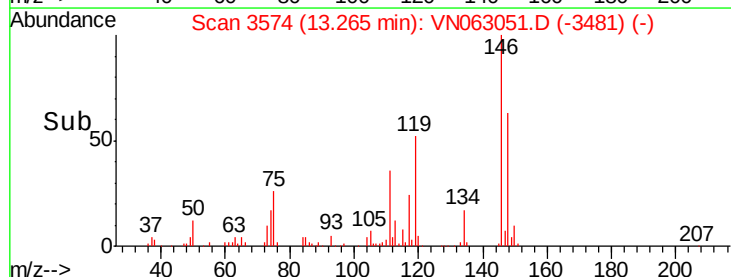
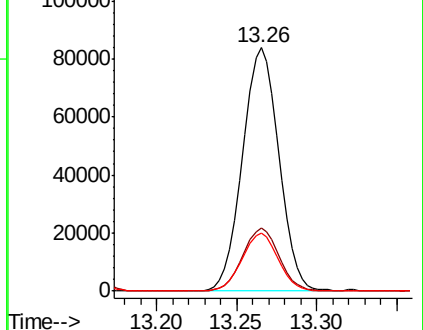
91 23.7 11.5 34.4

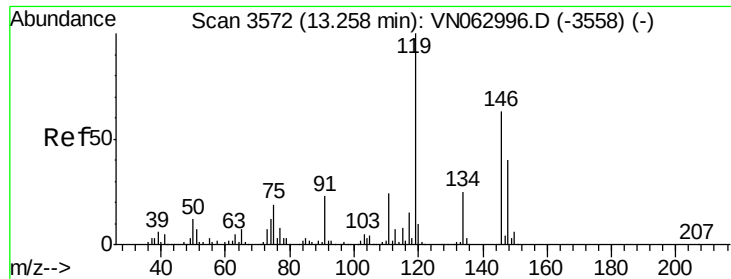


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

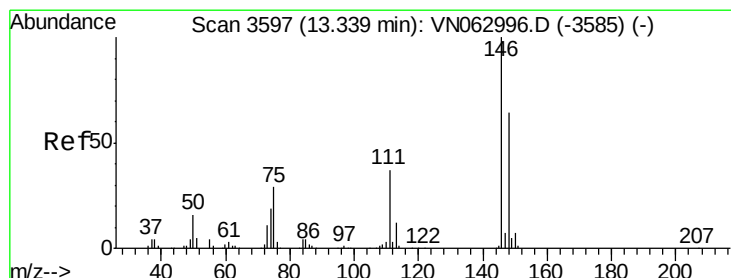
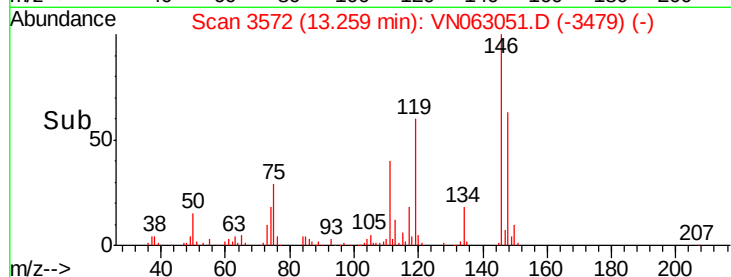
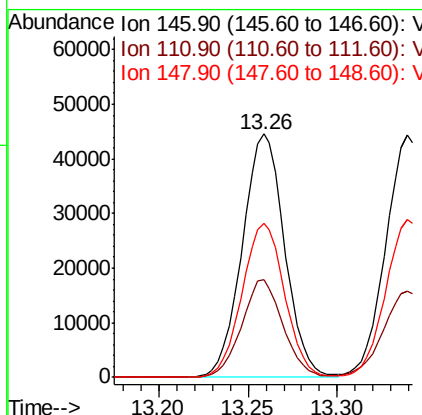
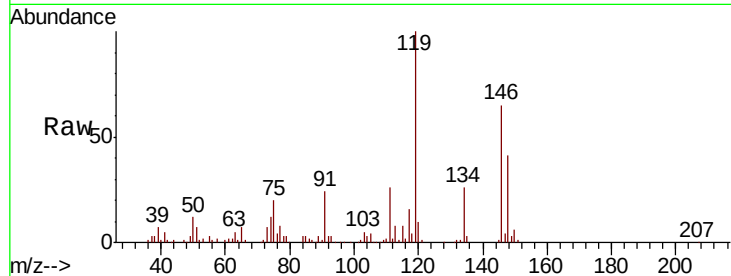




#87
 1,3-Dichlorobenzene
 Concen: 19.333 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

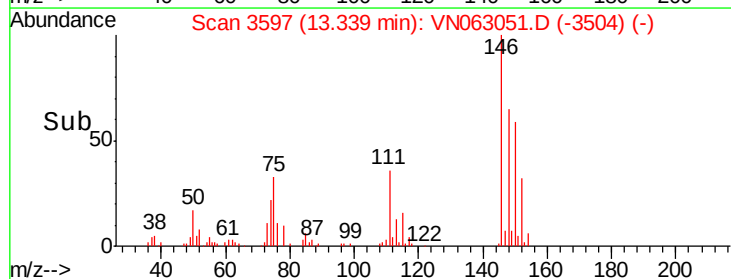
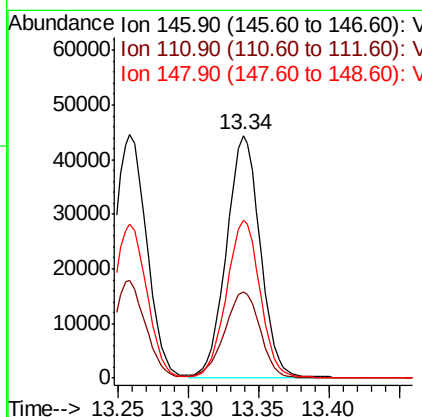
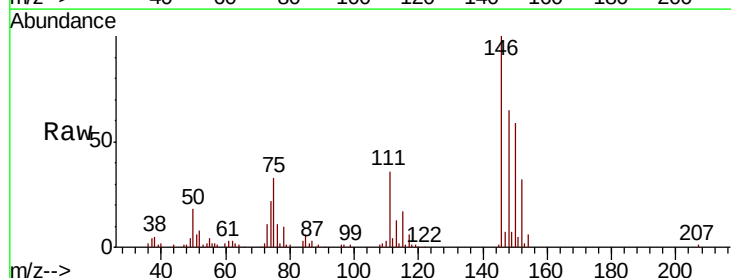
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD02

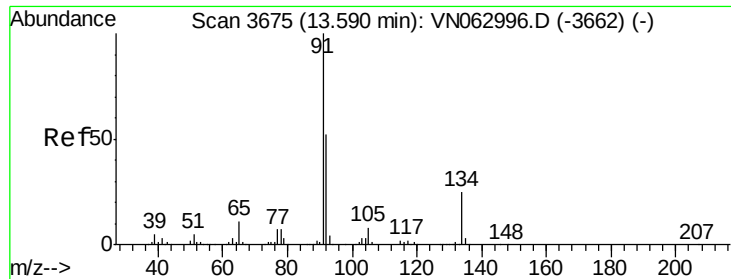
Tot Ion:146 Resp: 73649
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.1
 148 63.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.072 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

Tgt Ion:146 Resp: 73743
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.8 56.4
 148 65.8 32.4 97.0

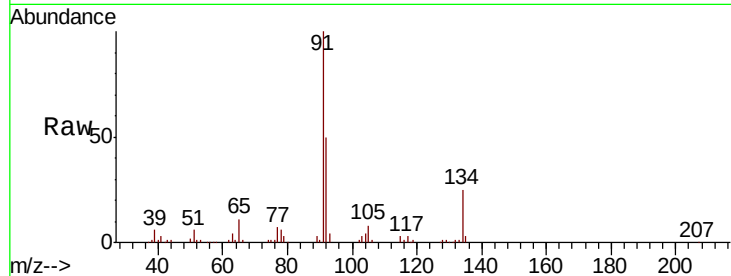




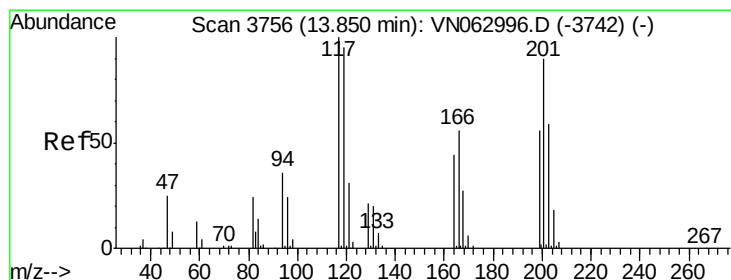
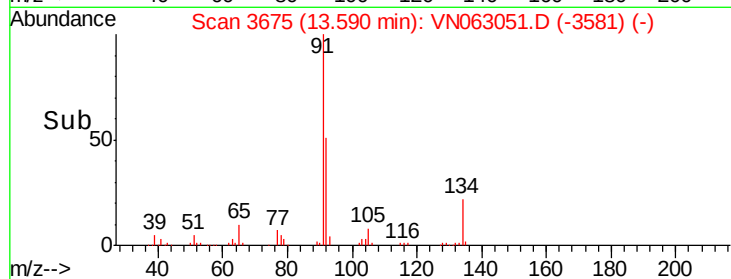
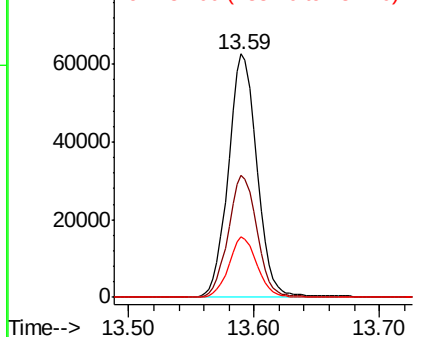
#89
n-Butylbenzene
Concen: 17.402 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD02

Tot Ion: 91 Resp: 99415
Ion Ratio Lower Upper
91 100
92 50.5 25.9 77.6
134 24.4 12.4 37.0

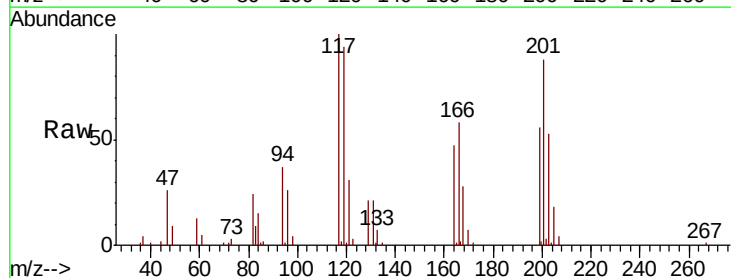


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

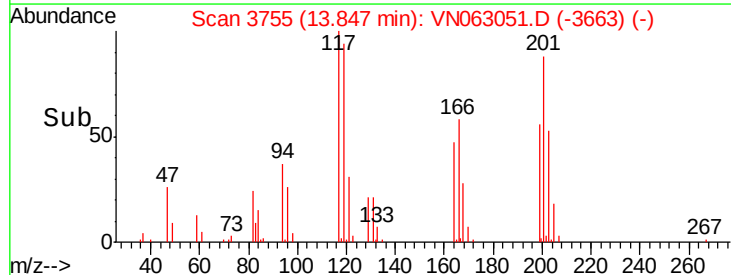
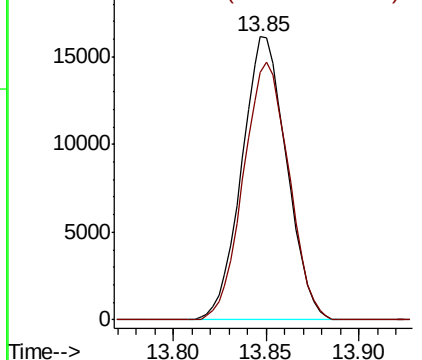


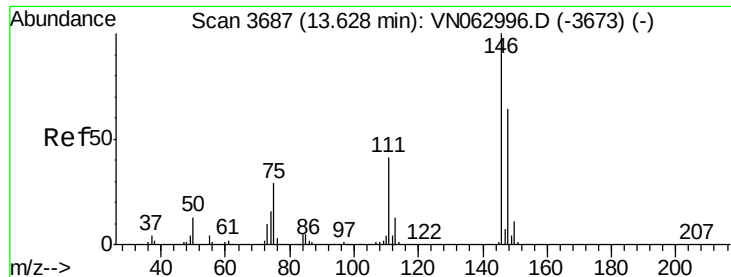
#90
Hexachloroethane
Concen: 18.847 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN063051.D
Acq: 20 Aug 2020 22:26

Tgt Ion: 117 Resp: 27126
Ion Ratio Lower Upper
117 100
201 92.0 44.1 132.4



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

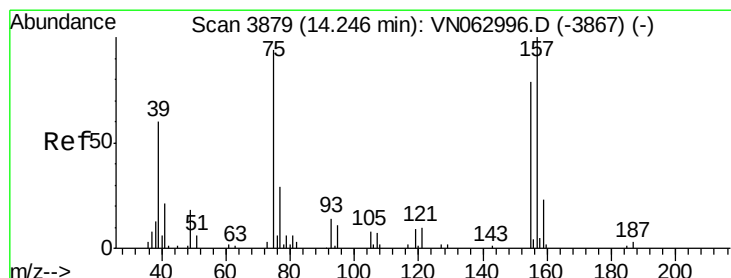
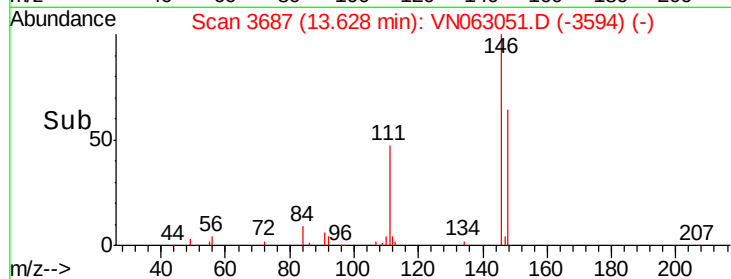
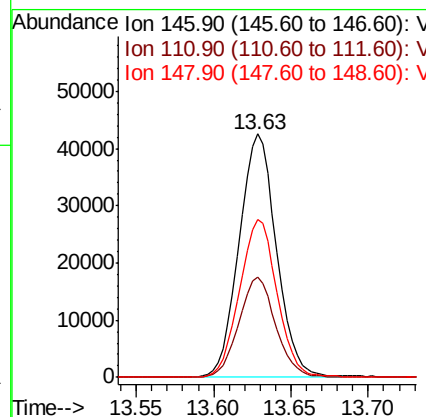
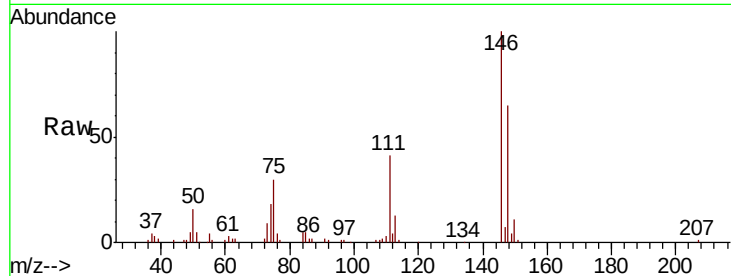




#91
 1,2-Dichlorobenzene
 Concen: 19.348 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

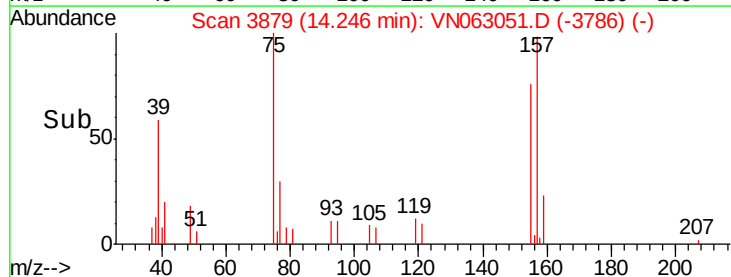
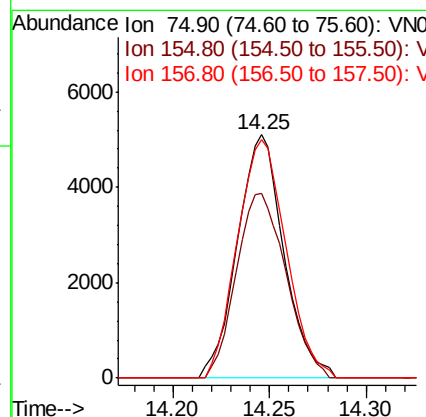
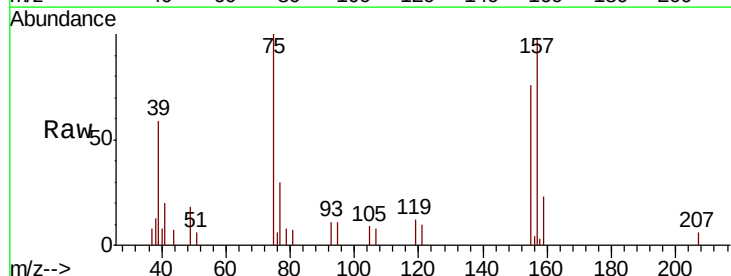
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD02

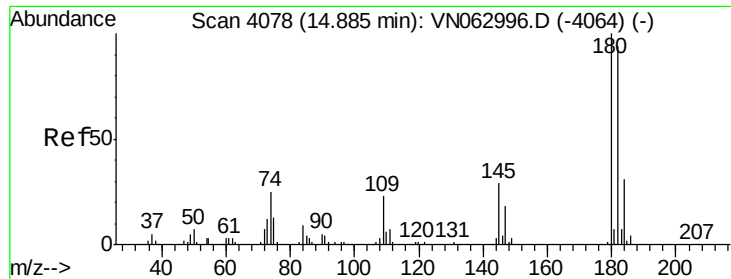
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	65.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.032 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.0	42.4	127.1
157	102.3	55.2	165.6

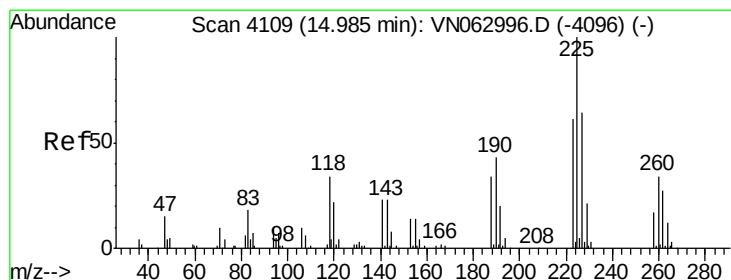
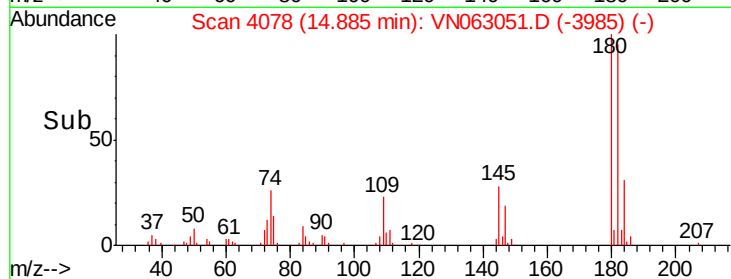
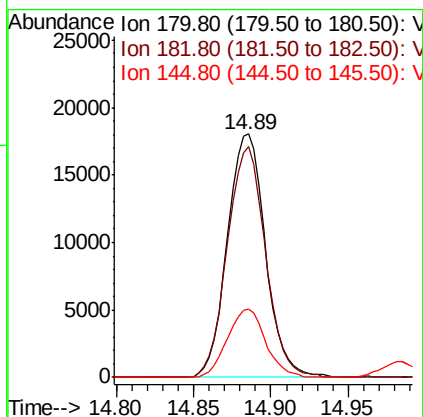
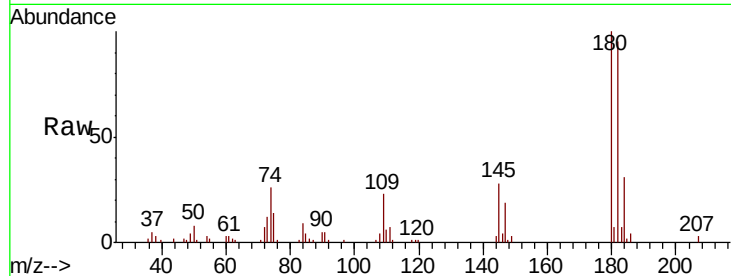




#93
 1,2,4-Trichlorobenzene
 Concen: 18.268 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

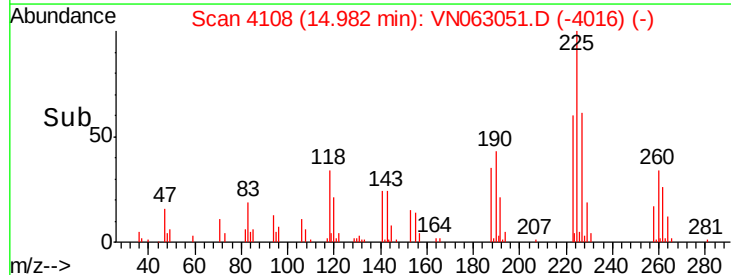
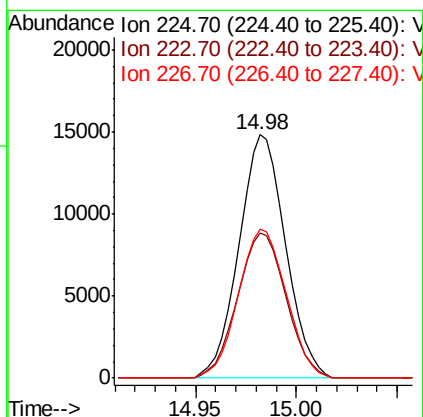
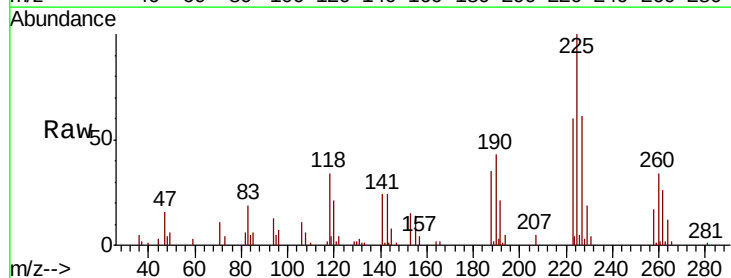
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD02

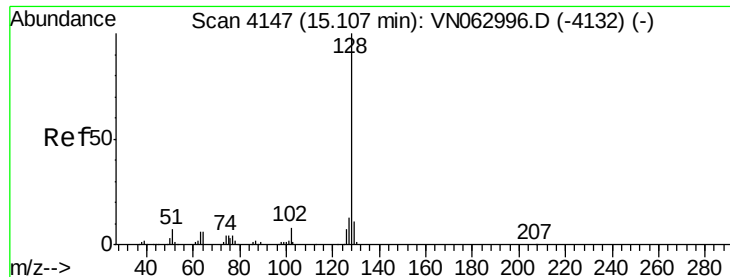
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.0	141.2
145	27.9	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 17.637 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN063051.D
 Acq: 20 Aug 2020 22:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	30.9	92.5
227	62.9	31.9	95.9





#95

Naphthalene

Concen: 18.114 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD02

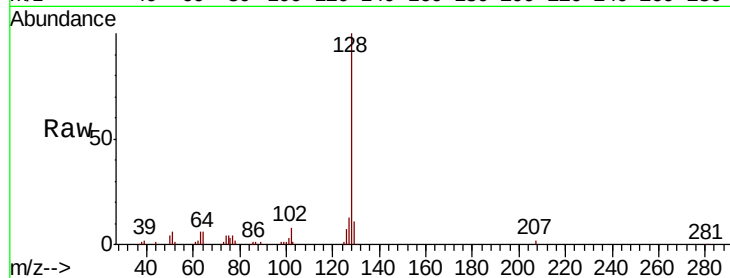
Tot Ion:128 Resp: 66018

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

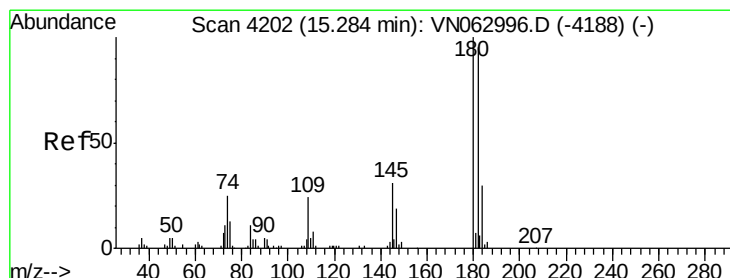
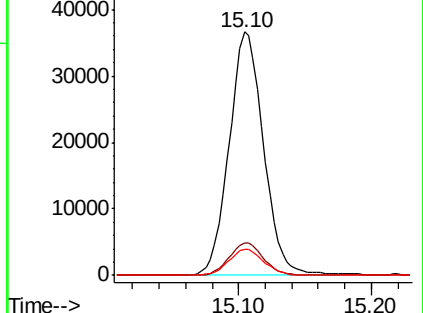
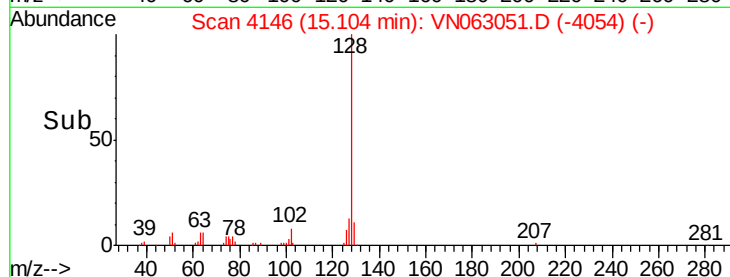
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.372 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN063051.D

Acq: 20 Aug 2020 22:26

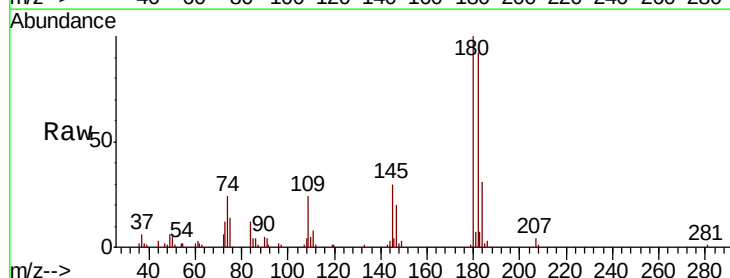
Tgt Ion:180 Resp: 31288

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.9

145 29.7 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

