

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082620\
 Data File : VN063131.D
 Acq On : 26 Aug 2020 14:25
 Operator : JC/MD
 Sample : VN0826WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Quant Time: Aug 26 15:53:23 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	194157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	297679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	275738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	135482	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	119283	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	7.55	113	100492	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
50) Toluene-d8	10.06	98	384568	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	12.38	95	134564	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	47698	18.976	ug/l	98
3) Chloromethane	2.03	50	50780	19.075	ug/l	97
4) Vinyl Chloride	2.17	62	51119	19.856	ug/l	98
5) Bromomethane	2.55	94	30191	19.757	ug/l	98
6) Chloroethane	2.68	64	31137	20.484	ug/l	98
7) Trichlorofluoromethane	2.99	101	64561	20.109	ug/l	99
8) Diethyl Ether	3.38	74	21486	18.917	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	34442	19.908	ug/l	98
10) Methyl Iodide	3.91	142	41265	18.818	ug/l	99
11) Tert butyl alcohol	4.73	59	23760	72.896	ug/l	99
12) 1,1-Dichloroethene	3.70	96	29786	18.073	ug/l	98
13) Acrolein	3.57	56	725	7.100	ug/l #	75
14) Allyl chloride	4.28	41	54165	18.640	ug/l	99
15) Acrylonitrile	4.93	53	88382	92.256	ug/l	98
16) Acetone	3.78	43	64284	87.028	ug/l	99
17) Carbon Disulfide	4.01	76	71389	16.540	ug/l	98
18) Methyl Acetate	4.28	43	41223	18.027	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	114769	19.968	ug/l	100
20) Methylene Chloride	4.51	84	42297	20.048	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	32352	18.758	ug/l	98
22) Diisopropyl ether	5.91	45	137585	20.865	ug/l	100
23) Vinyl Acetate	5.85	43	405975	91.234	ug/l	99
24) 1,1-Dichloroethane	5.80	63	72777	19.750	ug/l	98
25) 2-Butanone	6.79	43	104832	85.810	ug/l	99
26) 2,2-Dichloropropane	6.78	77	57100	19.704	ug/l	100
27) cis-1,2-Dichloroethene	6.79	96	41260	19.086	ug/l	98
28) Bromochloromethane	7.15	49	39764	20.624	ug/l	97
29) Tetrahydrofuran	7.17	42	70434	89.330	ug/l	99
30) Chloroform	7.33	83	73029	19.678	ug/l	97
31) Cyclohexane	7.62	56	64594	19.046	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	60049	19.820	ug/l	99
36) 1,1-Dichloropropene	7.75	75	48073	18.325	ug/l	99
37) Ethyl Acetate	6.89	43	42619	17.338	ug/l	99
38) Carbon Tetrachloride	7.73	117	50070	18.906	ug/l	96

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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	57778	17.366	ug/l	96
40) Benzene	8.00	78	157989	18.989	ug/l	98
41) Methacrylonitrile	7.12	41	20764	17.730	ug/l	96
42) 1,2-Dichloroethane	8.09	62	53254	19.062	ug/l	99
43) Isopropyl Acetate	8.13	43	72940	17.911	ug/l	99
44) Trichloroethene	8.80	130	40152	19.401	ug/l	98
45) 1,2-Dichloropropane	9.09	63	46371	19.281	ug/l	98
46) Dibromomethane	9.18	93	26642	19.176	ug/l	99
47) Bromodichloromethane	9.37	83	59626	19.594	ug/l	98
48) Methyl methacrylate	9.17	41	34222	17.761	ug/l	98
49) 1,4-Dioxane	9.17	88	11624	285.253	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	232403	90.288	ug/l	100
52) Toluene	10.12	92	97691	19.464	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61588	19.571	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	68131	19.736	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	41634	19.400	ug/l	98
56) Ethyl methacrylate	10.40	69	54954	17.743	ug/l	98
57) 1,3-Dichloropropane	10.68	76	67137	18.839	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	127868	163.135	ug/l	100
59) 2-Hexanone	10.72	43	160759	89.537	ug/l	98
60) Dibromochloromethane	10.87	129	44962	18.931	ug/l	99
61) 1,2-Dibromoethane	10.98	107	39432	19.122	ug/l	99
64) Tetrachloroethene	10.60	164	41597	22.949	ug/l	100
65) Chlorobenzene	11.41	112	107624	19.434	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	42498	19.730	ug/l	99
67) Ethyl Benzene	11.48	91	183897	19.653	ug/l	100
68) m/p-Xylenes	11.60	106	138753	39.897	ug/l	99
69) o-Xylene	11.92	106	66561	19.930	ug/l	99
70) Styrene	11.94	104	119644	19.282	ug/l	99
71) Bromoform	12.10	173	32559	18.990	ug/l #	98
73) Isopropylbenzene	12.22	105	180157	19.418	ug/l	100
74) N-amyl acetate	12.05	43	64720	19.477	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	56877	17.917	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	71208	27.040	ug/l #	100
77) Bromobenzene	12.50	156	49363	19.345	ug/l	99
78) n-propylbenzene	12.57	91	211420	19.992	ug/l	100
79) 2-Chlorotoluene	12.65	91	128608	19.335	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	157742	20.567	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	18428	19.219	ug/l	99
82) 4-Chlorotoluene	12.75	91	135960	20.074	ug/l	100
83) tert-Butylbenzene	12.97	119	131922	19.929	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	155950	20.872	ug/l	100
85) sec-Butylbenzene	13.15	105	174813	19.540	ug/l	99
86) p-Isopropyltoluene	13.26	119	157856	20.250	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	87469	19.946	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	89875	20.192	ug/l	99
89) n-Butylbenzene	13.59	91	136791	20.260	ug/l	99
90) Hexachloroethane	13.85	117	27788	16.772	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	88343	20.855	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9841	21.061	ug/l	98

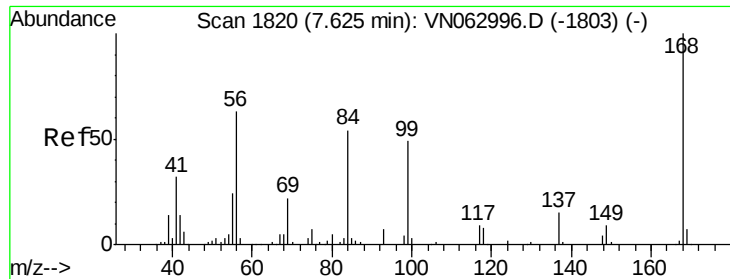
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082620\
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Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	55632	26.084	ug/l	98
94) Hexachlorobutadiene	14.99	225	25919	16.559	ug/l	98
95) Naphthalene	15.10	128	138633	28.394	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	53877	25.516	ug/l	98

(#) = 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: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

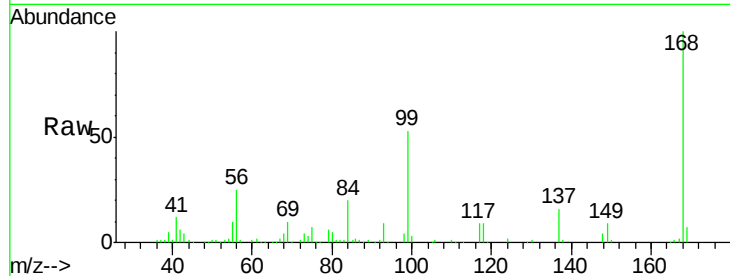
VN0826WBS01

Tgt Ion:168 Resp: 194157

Ion Ratio Lower Upper

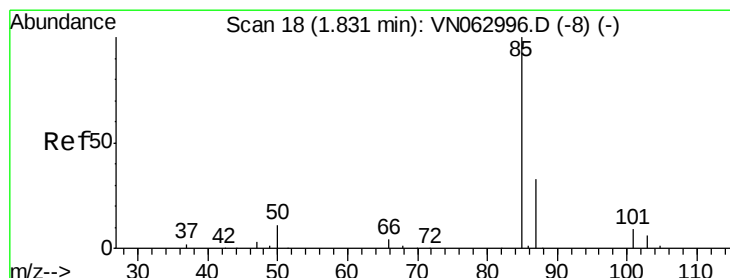
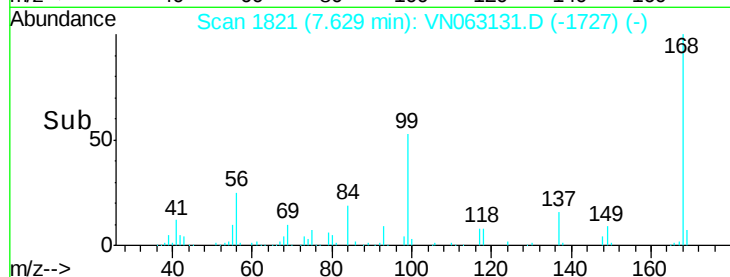
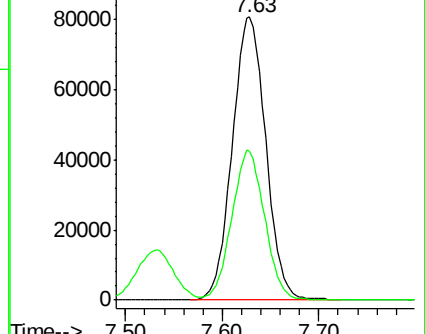
168 100

99 52.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 18.976 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN063131.D

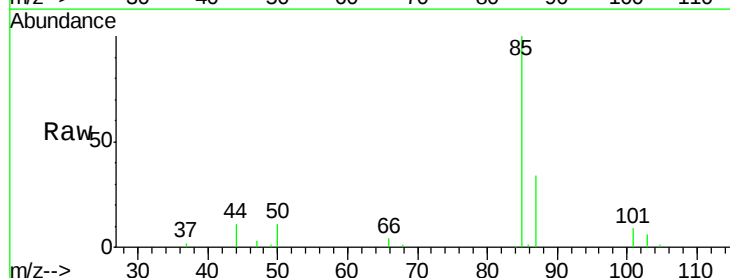
Acq: 26 Aug 2020 14:25

Tgt Ion: 85 Resp: 47698

Ion Ratio Lower Upper

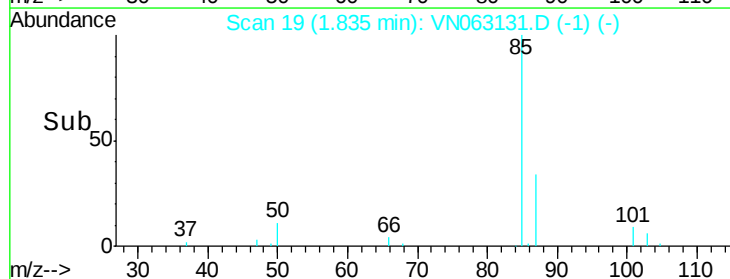
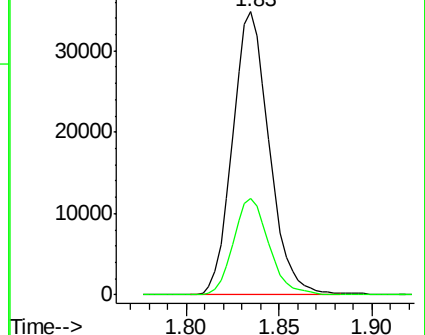
85 100

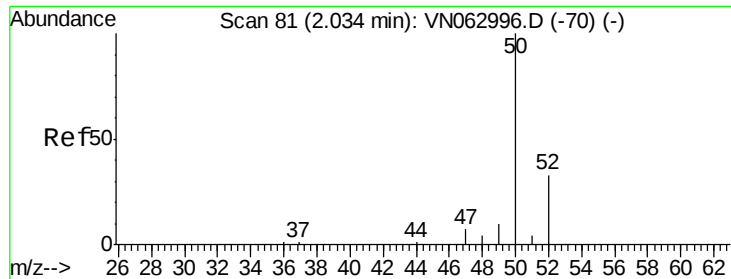
87 34.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

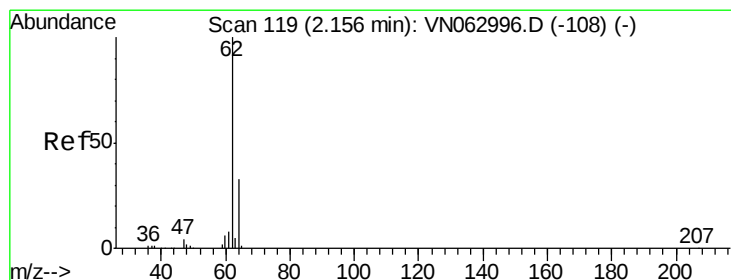
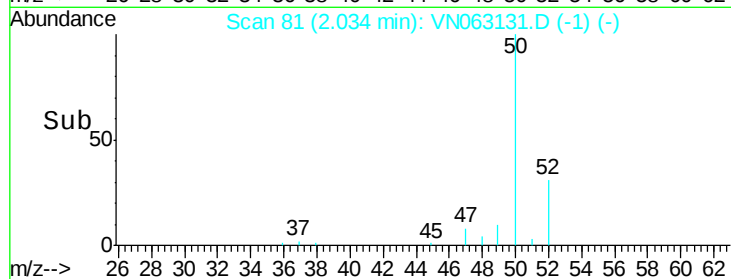
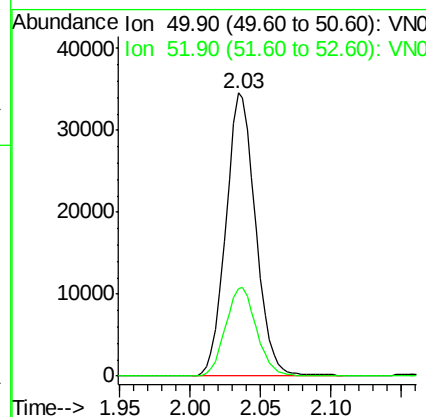
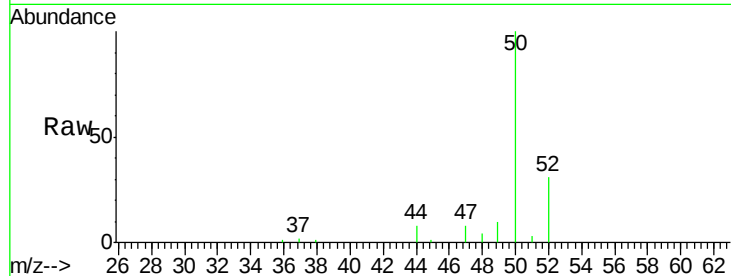




#3
 Chloromethane
 Concen: 19.075 ug/l
 RT: 2.03 min Scan# 81
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

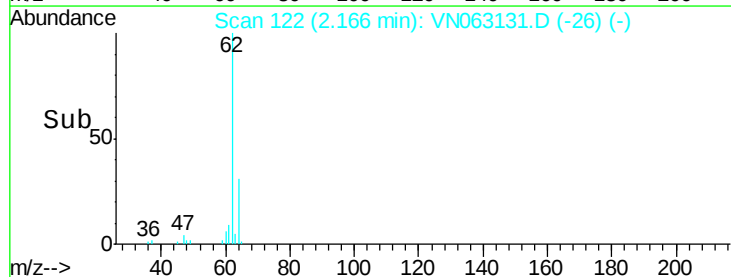
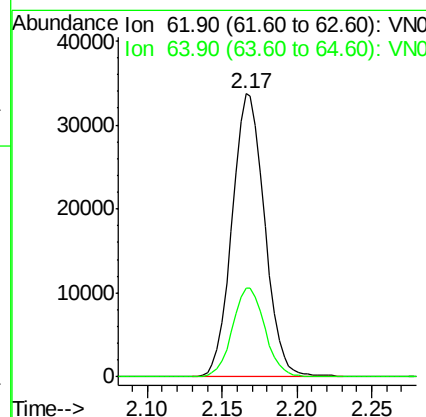
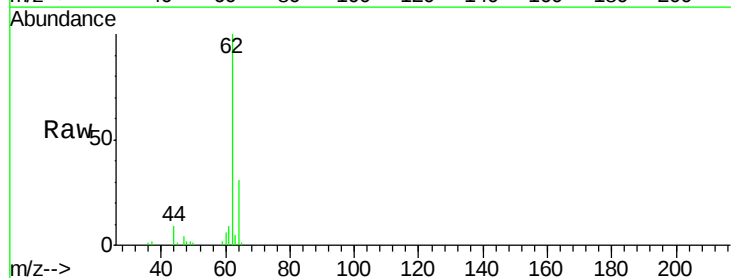
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

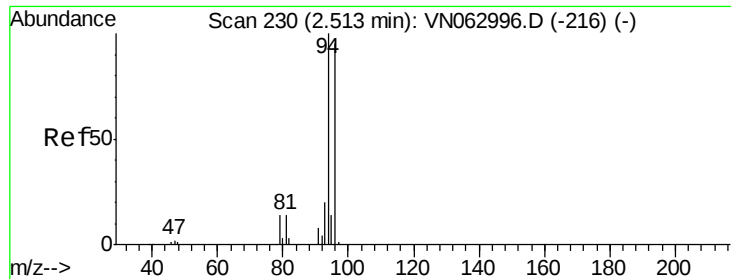
Tgt Ion: 50 Resp: 50780
 Ion Ratio Lower Upper
 50 100
 52 31.0 26.0 39.0



#4
 Vinyl Chloride
 Concen: 19.856 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. 0.01 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion: 62 Resp: 51119
 Ion Ratio Lower Upper
 62 100
 64 31.5 26.2 39.2





#5

Bromomethane

Concen: 19.757 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.03 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

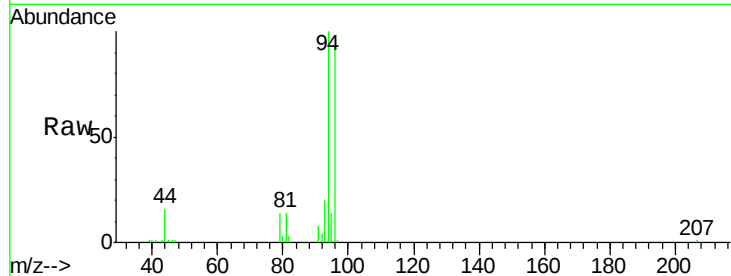
VN0826WBS01

Tgt Ion: 94 Resp: 30191

Ion Ratio Lower Upper

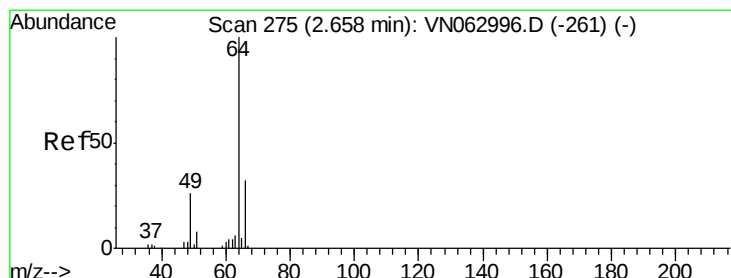
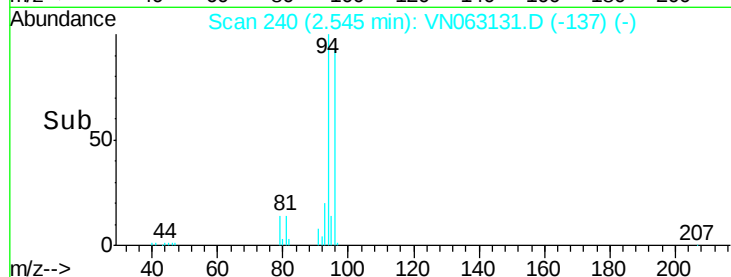
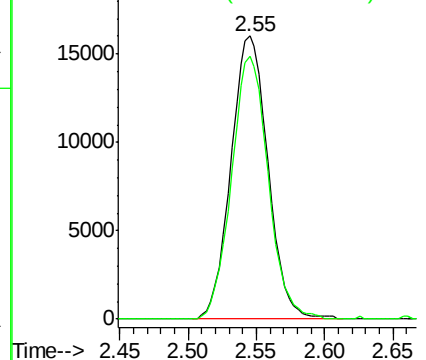
94 100

96 92.8 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.484 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.02 min

Lab File: VN063131.D

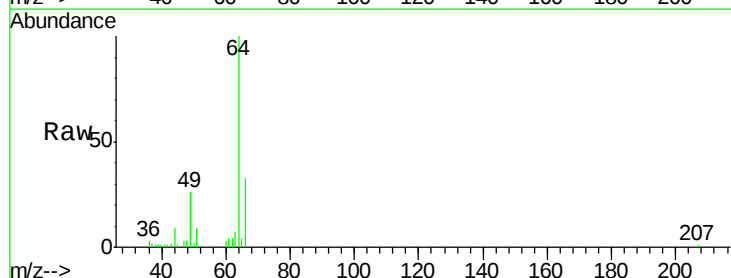
Acq: 26 Aug 2020 14:25

Tgt Ion: 64 Resp: 31137

Ion Ratio Lower Upper

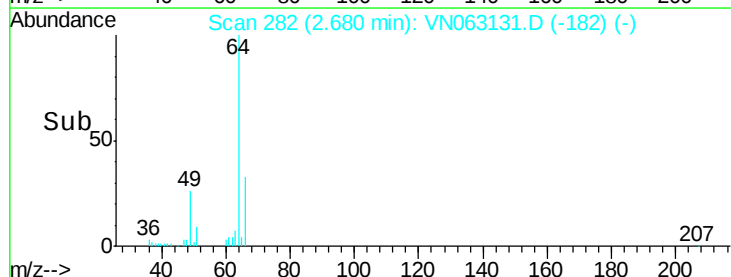
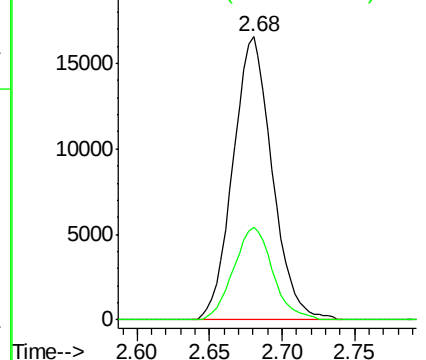
64 100

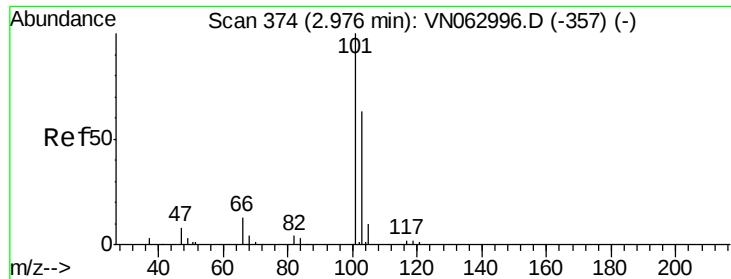
66 32.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



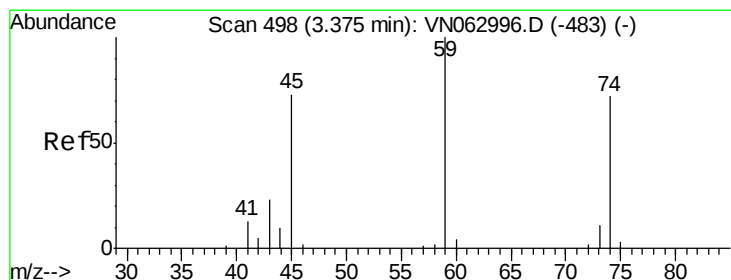
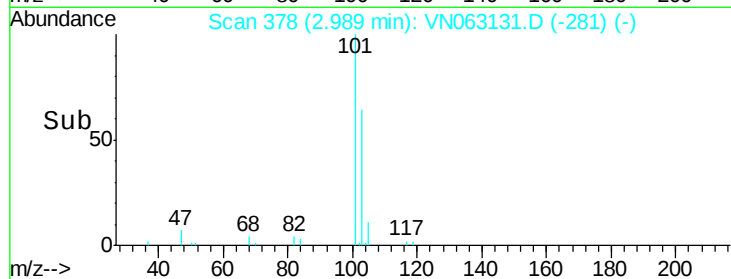
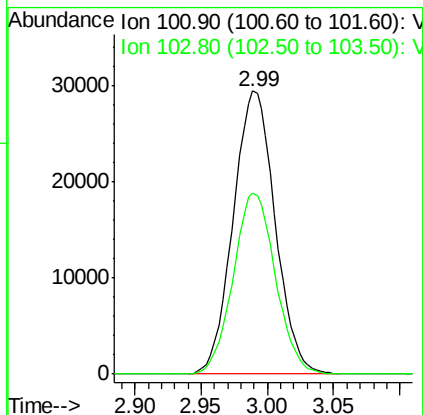
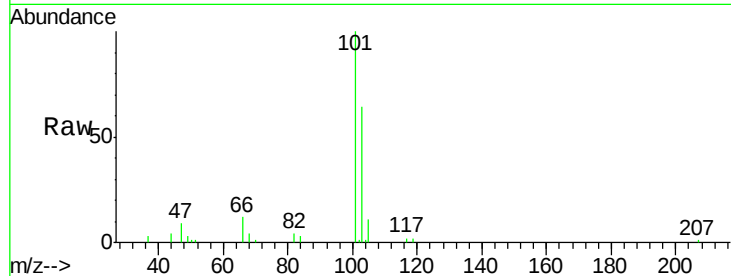


#7

Trichlorofluoromethane
 Concen: 20.109 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. 0.01 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

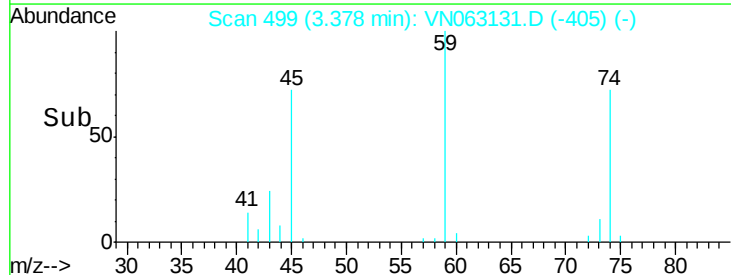
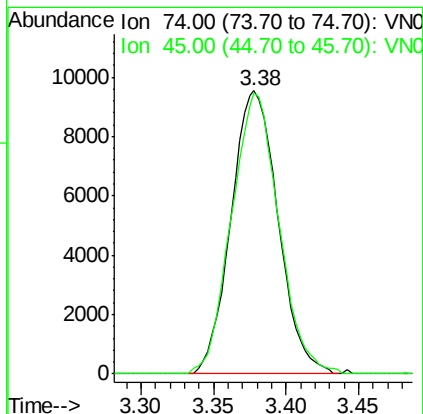
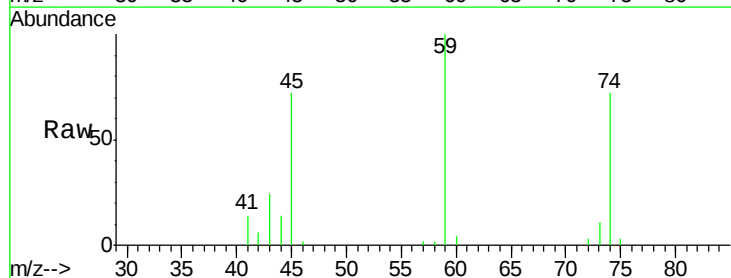
Tgt Ion:101 Resp: 64561
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.5 75.7

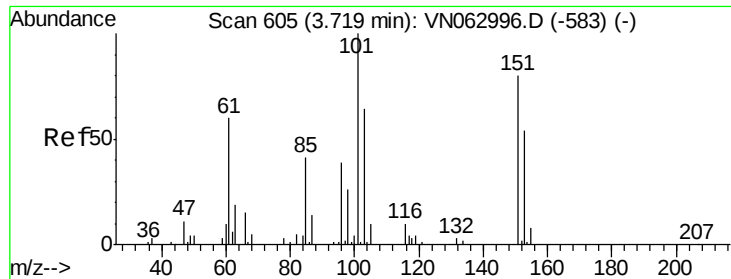


#8

Diethyl Ether
 Concen: 18.917 ug/l
 RT: 3.38 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion: 74 Resp: 21486
 Ion Ratio Lower Upper
 74 100
 45 99.9 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.908 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

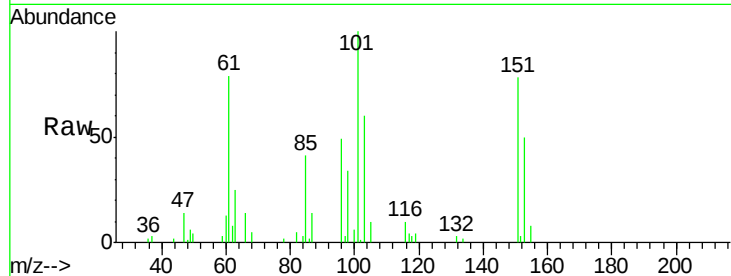
Tgt Ion:101 Resp: 34442

Ion Ratio Lower Upper

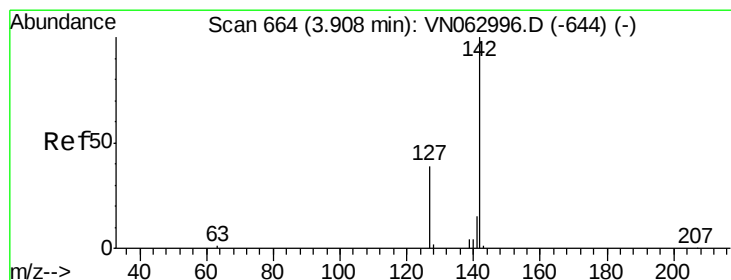
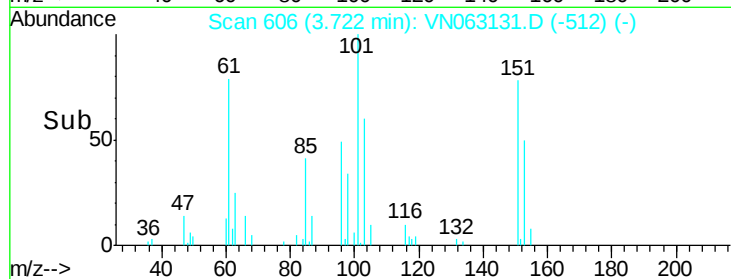
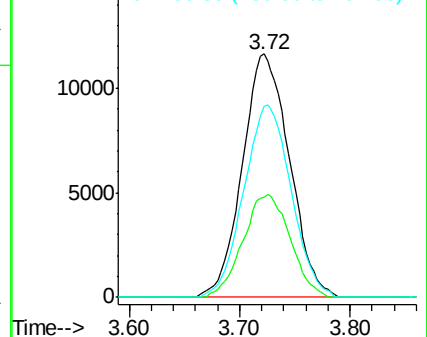
101 100

85 42.2 34.0 51.0

151 79.4 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.818 ug/l

RT: 3.91 min Scan# 666

Delta R.T. 0.01 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

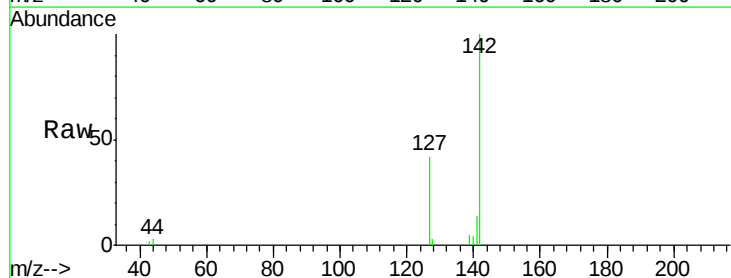
Tgt Ion:142 Resp: 41265

Ion Ratio Lower Upper

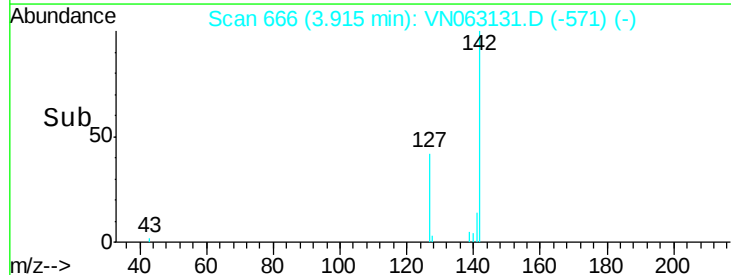
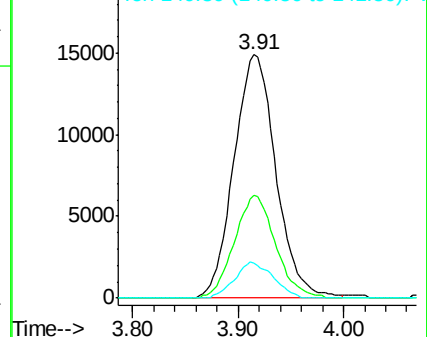
142 100

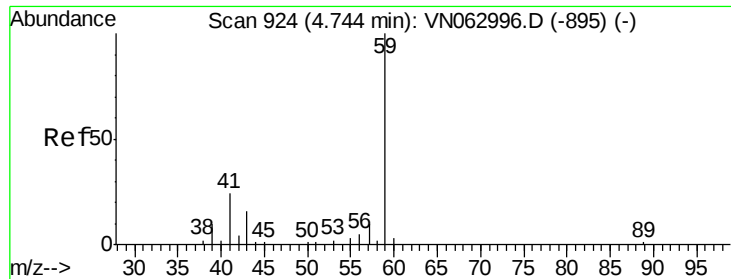
127 41.1 32.2 48.4

141 13.5 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

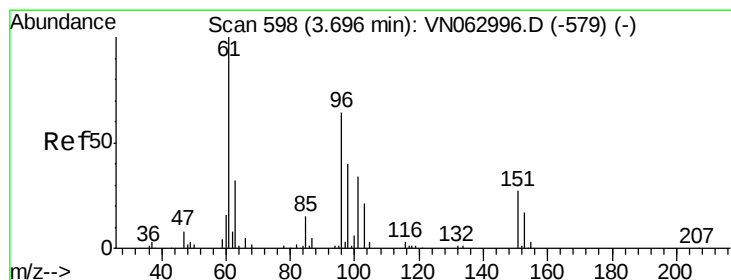
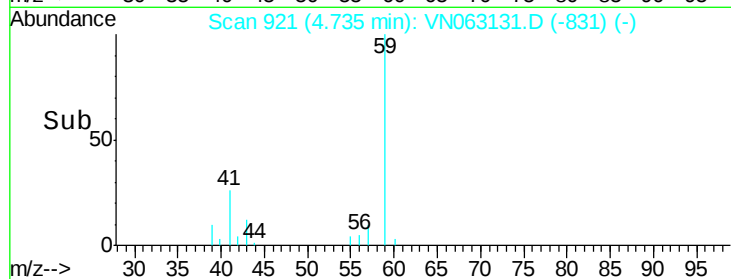
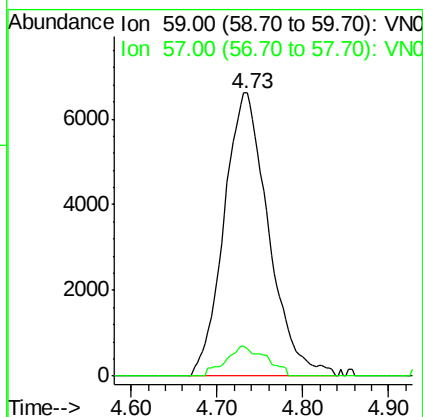
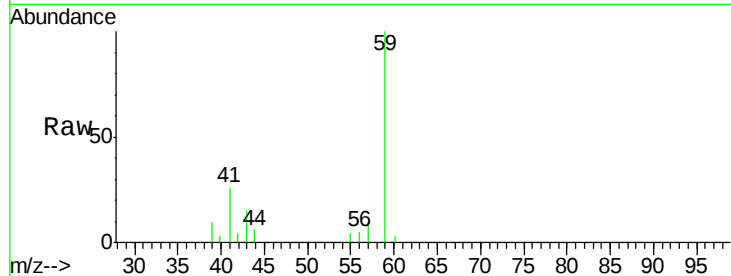




#11
Tert butyl alcohol
Concen: 72.896 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.01 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

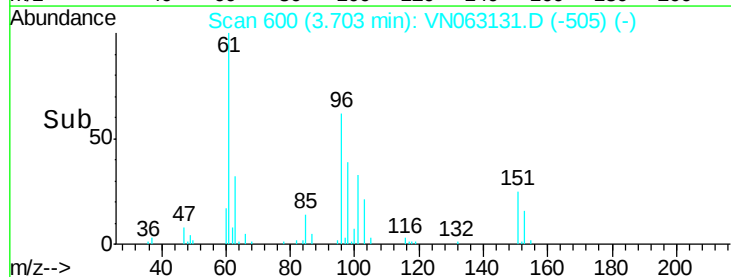
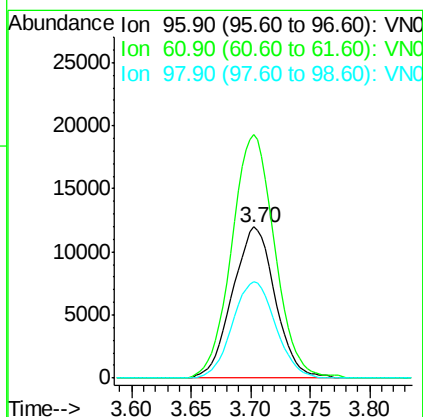
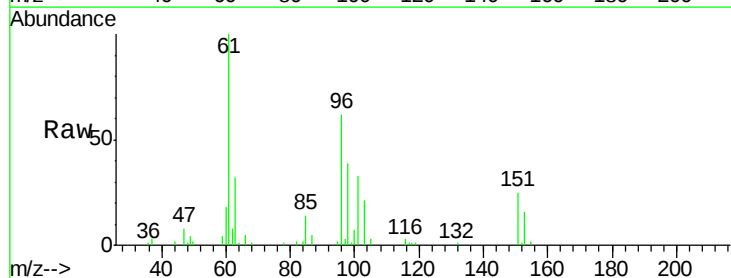
Instrument :
MSVOA_N
ClientSampled :
VN0826WBS01

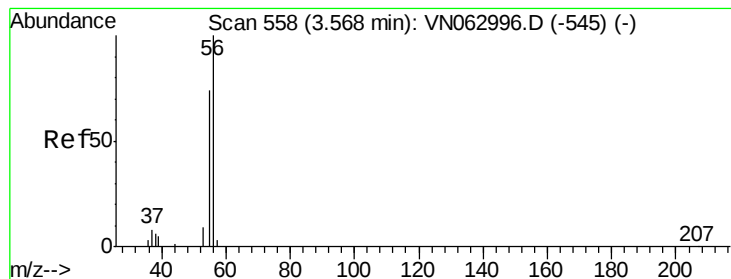
Tgt Ion: 59 Resp: 23760
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.6



#12
1,1-Dichloroethene
Concen: 18.073 ug/l
RT: 3.70 min Scan# 600
Delta R.T. 0.01 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion: 96 Resp: 29786
Ion Ratio Lower Upper
96 100
61 160.9 125.5 188.3
98 63.3 50.4 75.6





#13

Acrolein

Concen: 7.100 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

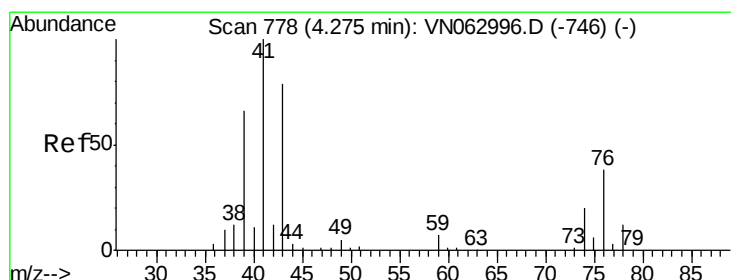
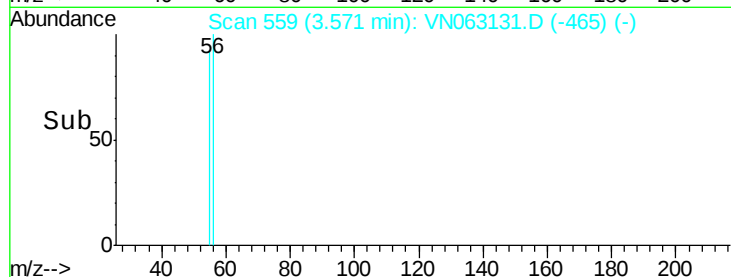
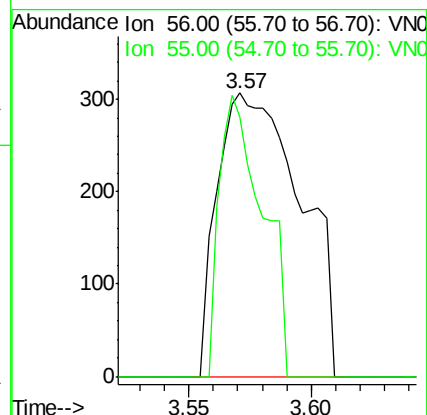
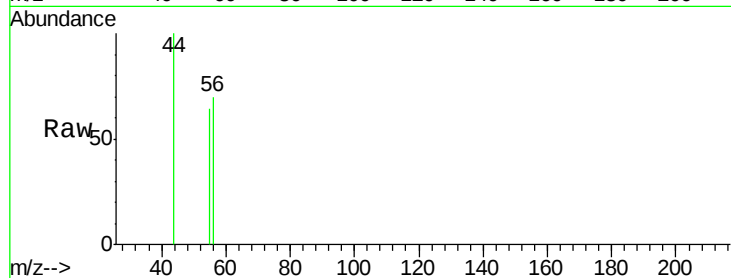
VN0826WBS01

Tgt Ion: 56 Resp: 725

Ion Ratio Lower Upper

56 100

55 52.1 58.4 87.6#



#14

Allyl chloride

Concen: 18.640 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

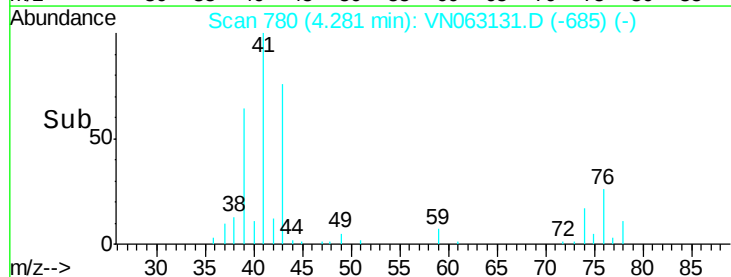
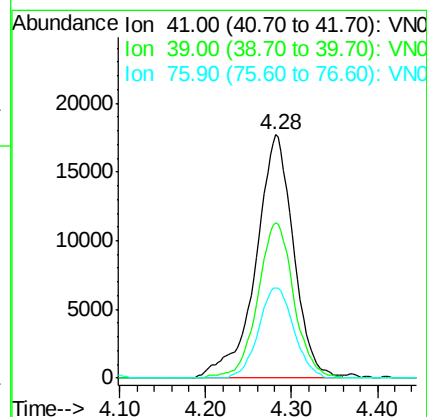
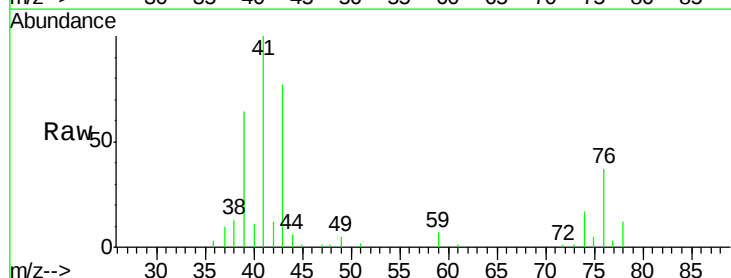
Tgt Ion: 41 Resp: 54165

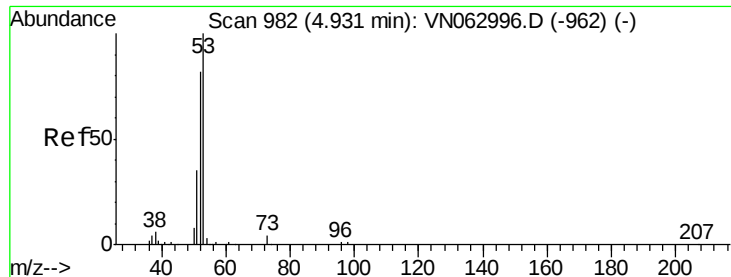
Ion Ratio Lower Upper

41 100

39 61.1 47.9 71.9

76 34.5 27.0 40.6





#15

Acrylonitrile

Concen: 92.256 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

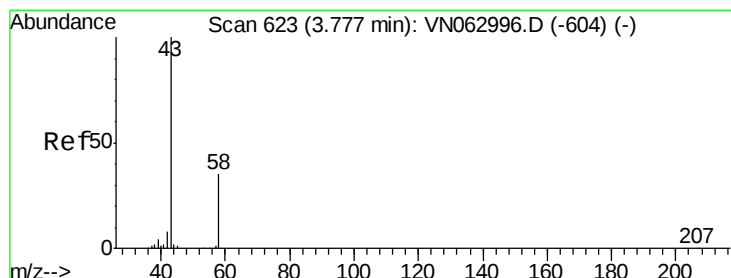
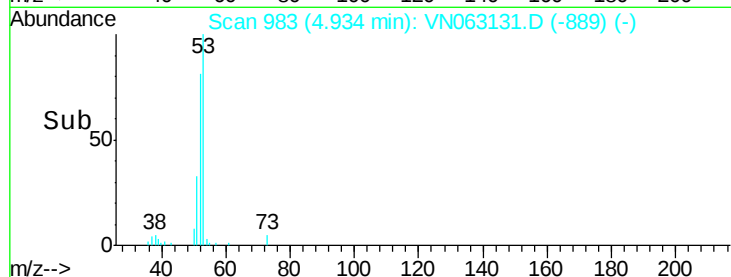
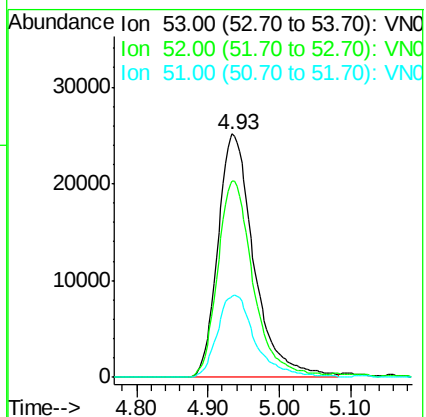
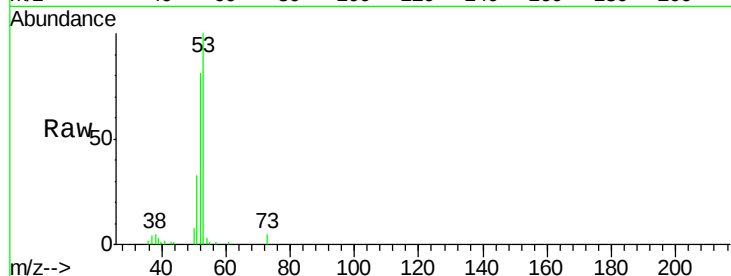
Tgt Ion: 53 Resp: 88382

Ion Ratio Lower Upper

53 100

52 79.4 65.6 98.4

51 35.3 28.2 42.4



#16

Acetone

Concen: 87.028 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN063131.D

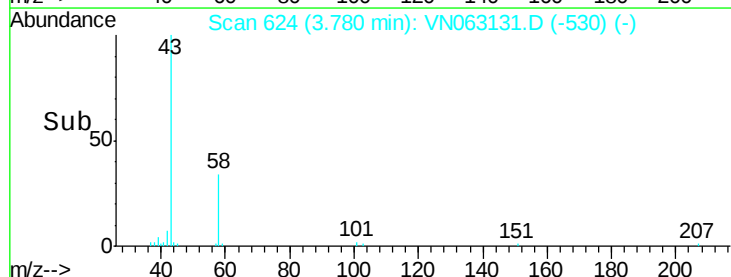
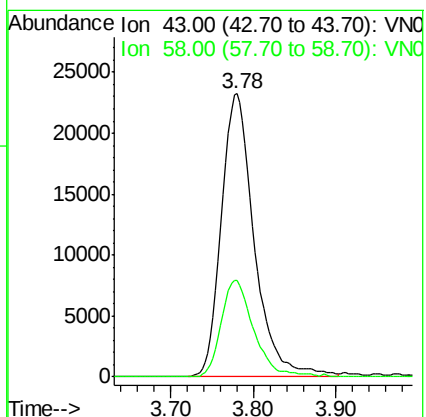
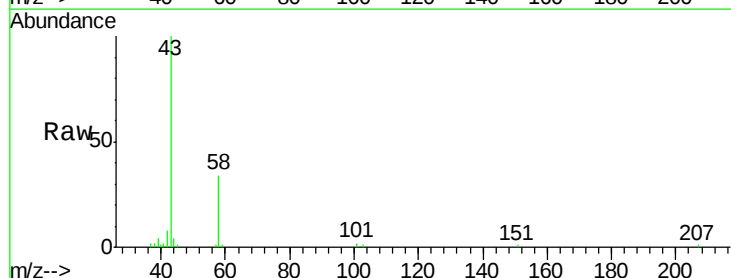
Acq: 26 Aug 2020 14:25

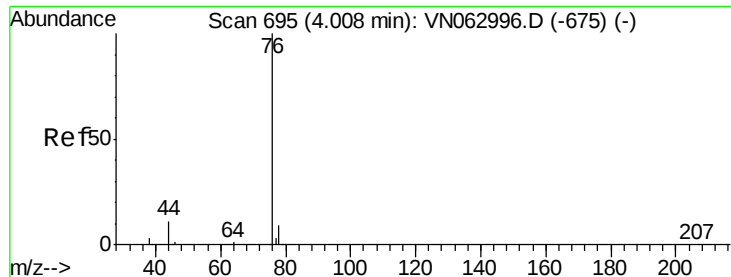
Tgt Ion: 43 Resp: 64284

Ion Ratio Lower Upper

43 100

58 33.9 27.8 41.6





#17

Carbon Disulfide

Concen: 16.540 ug/l

RT: 4.01 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

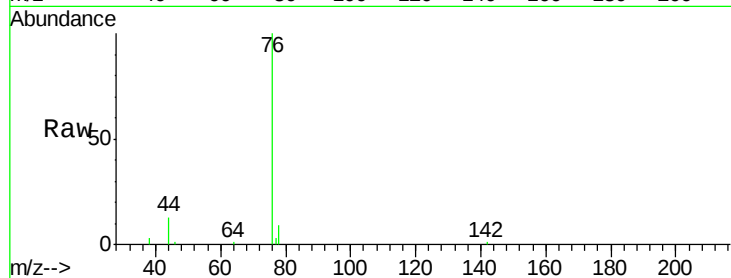
VN0826WBS01

Tgt Ion: 76 Resp: 71389

Ion Ratio Lower Upper

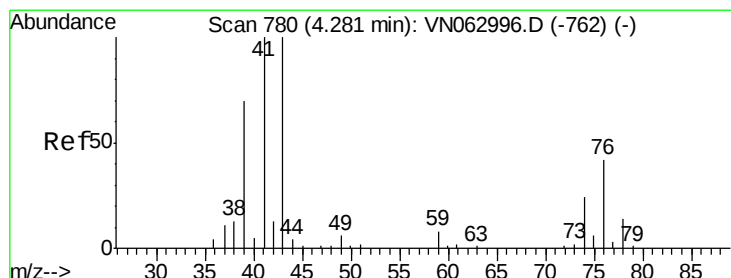
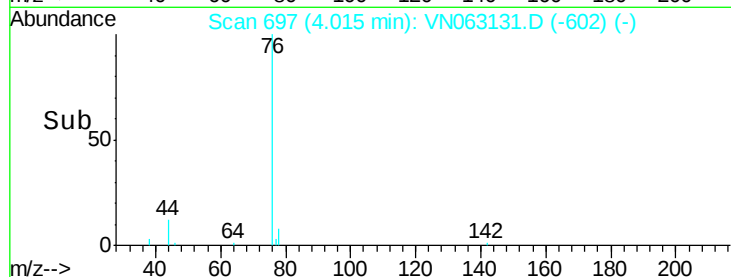
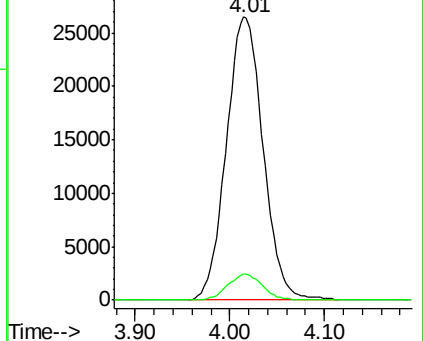
76 100

78 9.2 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.027 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: VN063131.D

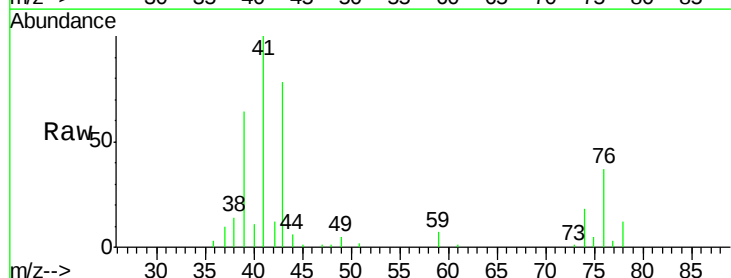
Acq: 26 Aug 2020 14:25

Tgt Ion: 43 Resp: 41223

Ion Ratio Lower Upper

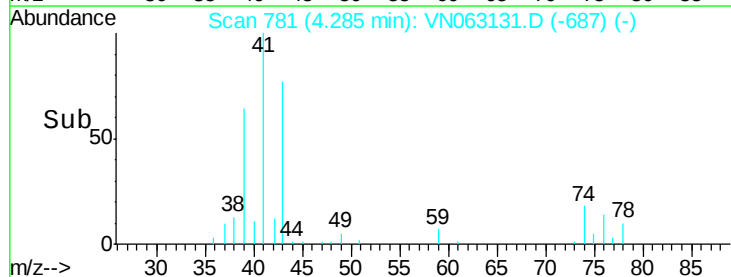
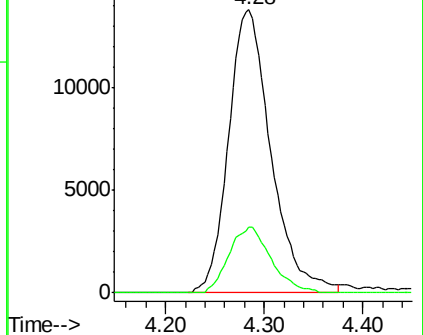
43 100

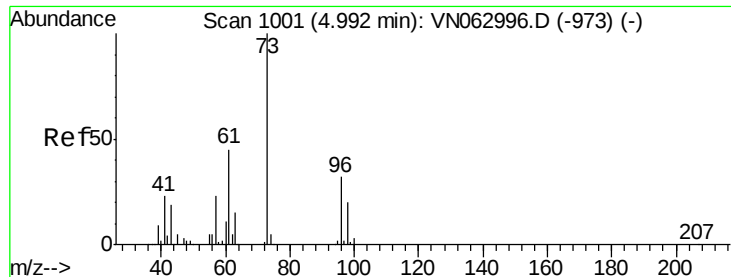
74 23.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

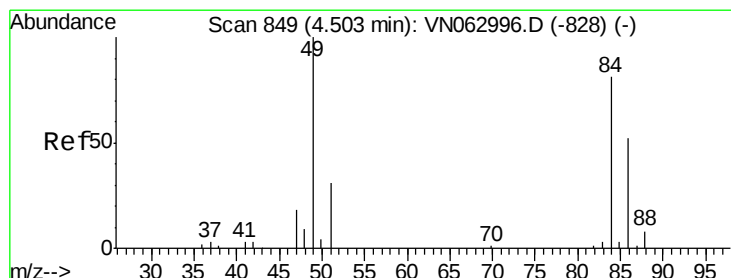
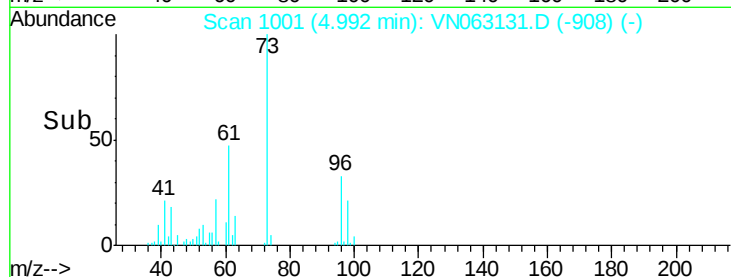
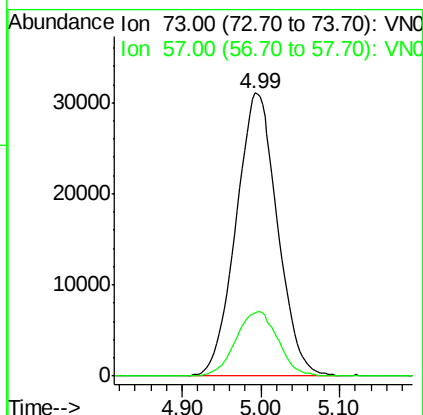
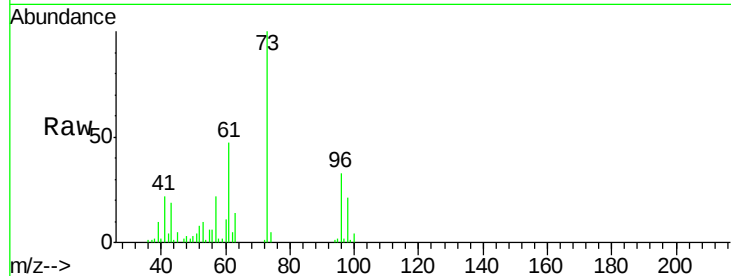




#19
Methyl tert-butyl Ether
Concen: 19.968 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

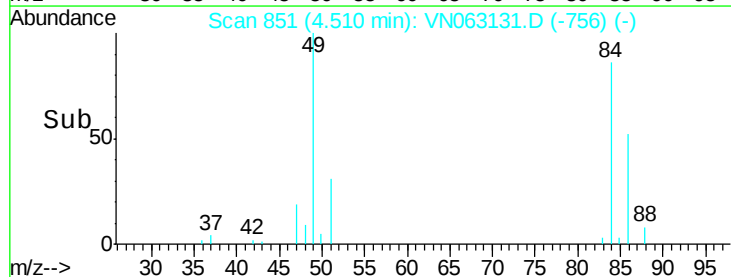
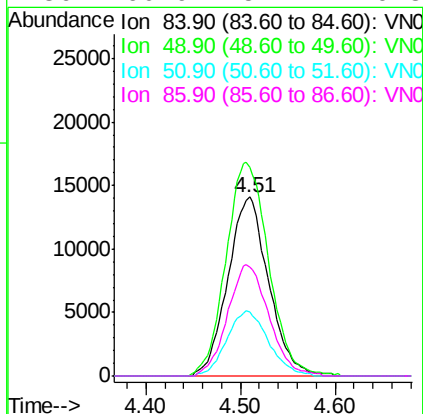
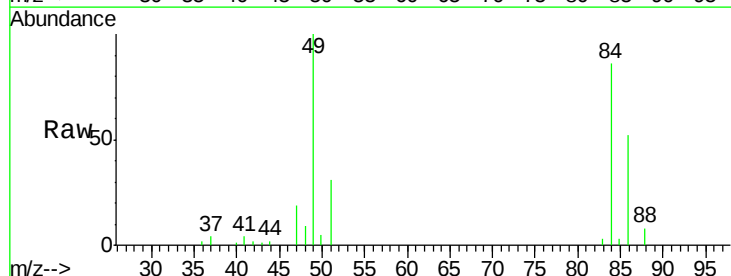
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

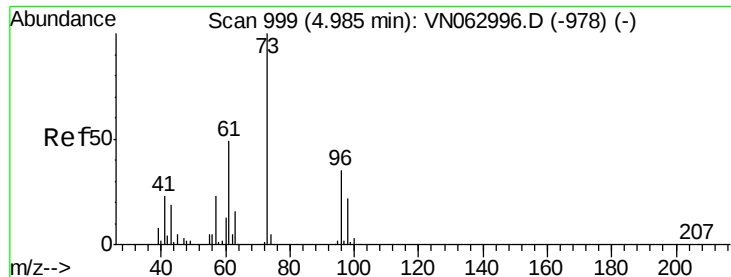
Tgt Ion: 73 Resp: 114769
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1



#20
Methylene Chloride
Concen: 20.048 ug/l
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion: 84 Resp: 42297
Ion Ratio Lower Upper
84 100
49 116.8 98.7 148.1
51 36.0 30.8 46.2
86 60.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.758 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

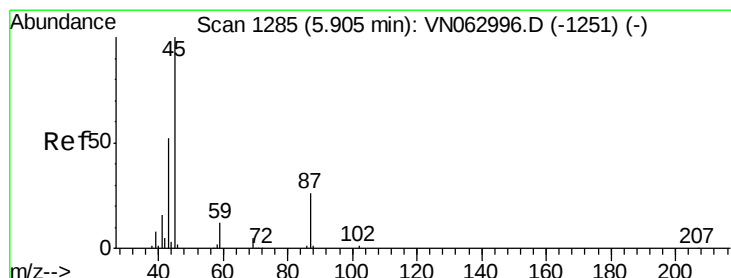
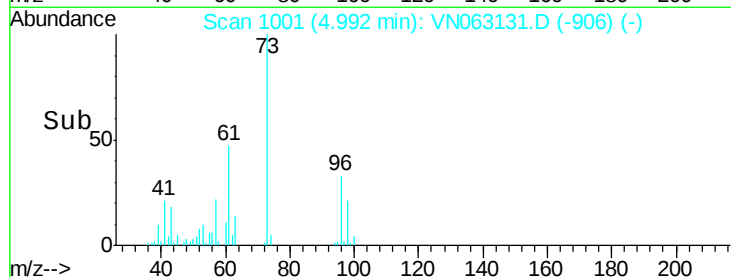
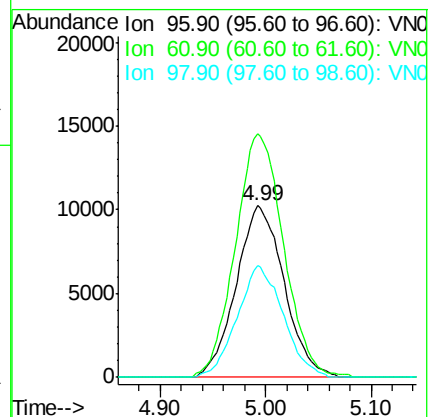
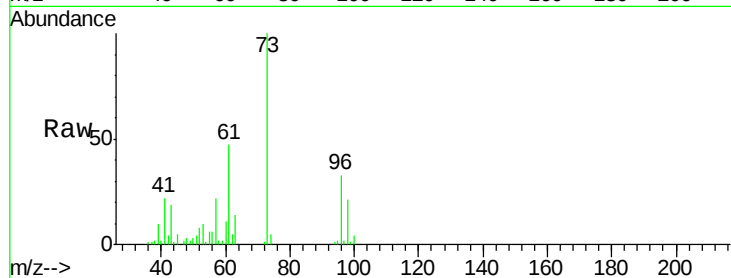
Tgt Ion: 96 Resp: 32352

Ion Ratio Lower Upper

96 100

61 142.1 112.5 168.7

98 65.0 49.4 74.0



#22

Diisopropyl ether

Concen: 20.865 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Tgt Ion: 45 Resp: 137585

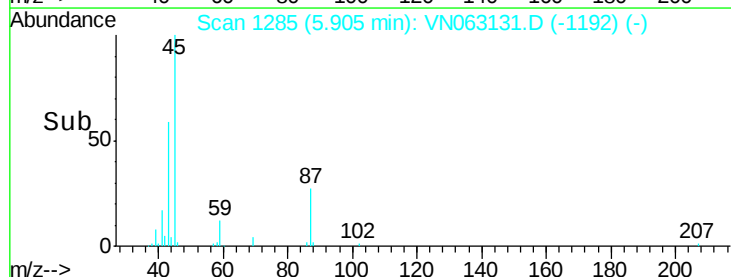
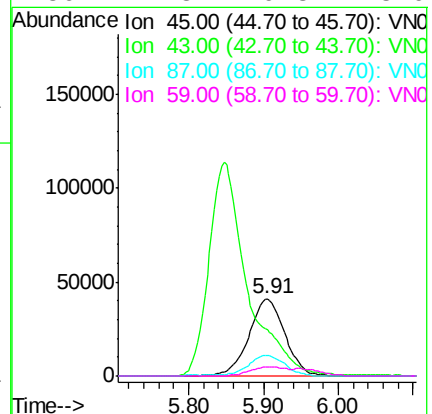
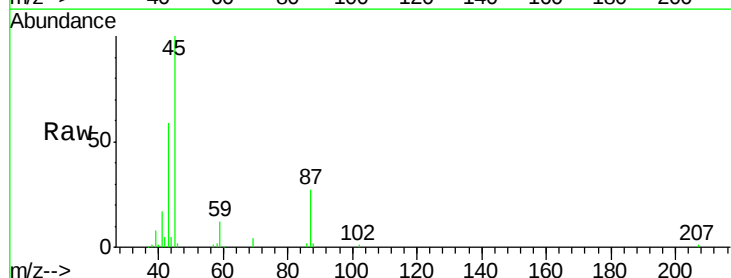
Ion Ratio Lower Upper

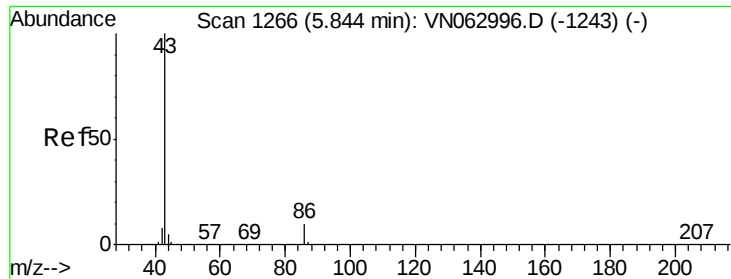
45 100

43 57.3 45.7 68.5

87 27.1 21.8 32.6

59 11.8 9.3 13.9





#23

Vinyl Acetate

Concen: 91.234 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

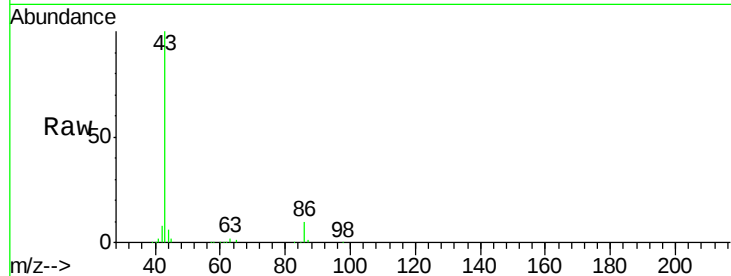
VN0826WBS01

Tgt Ion: 43 Resp: 405975

Ion Ratio Lower Upper

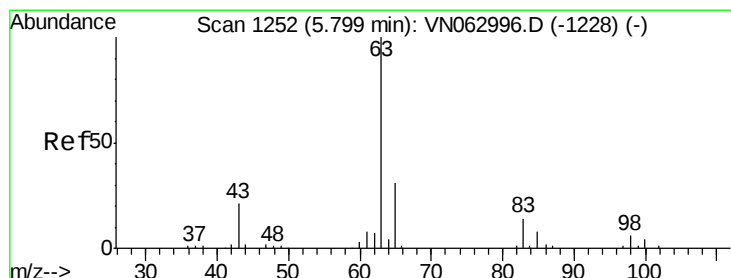
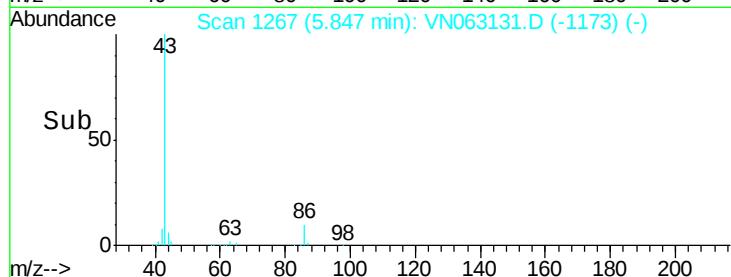
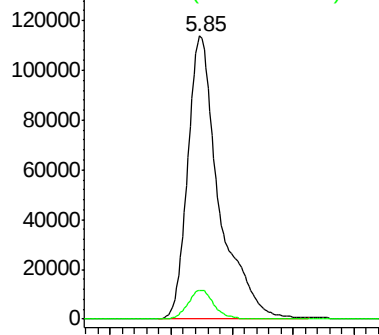
43 100

86 10.2 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.750 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

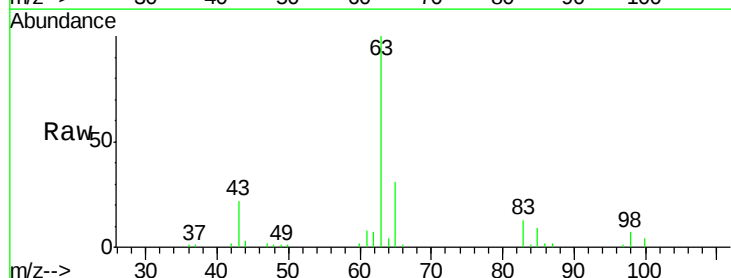
Tgt Ion: 63 Resp: 72777

Ion Ratio Lower Upper

63 100

98 6.6 2.9 8.7

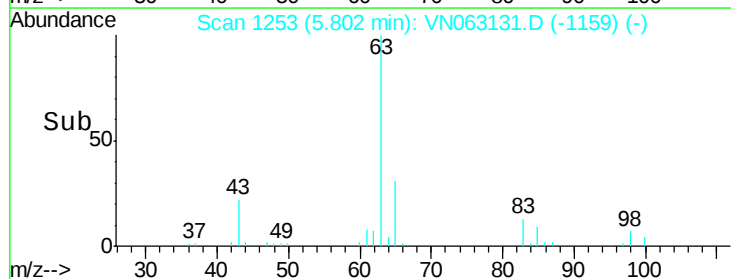
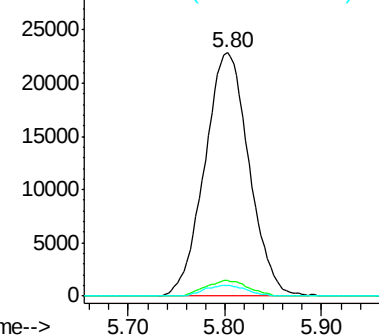
100 4.4 2.0 5.8

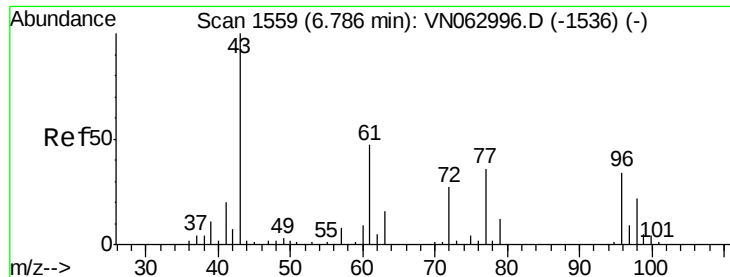


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 85.810 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampled :

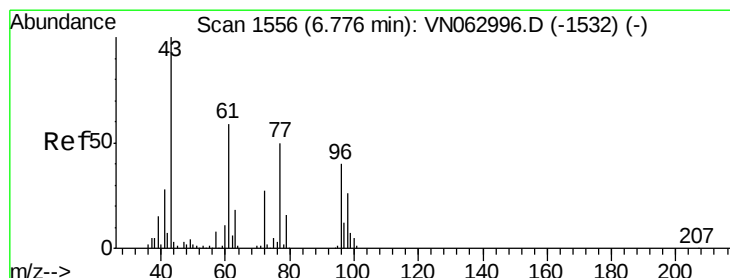
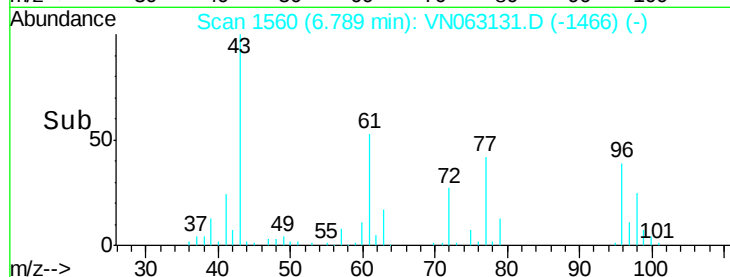
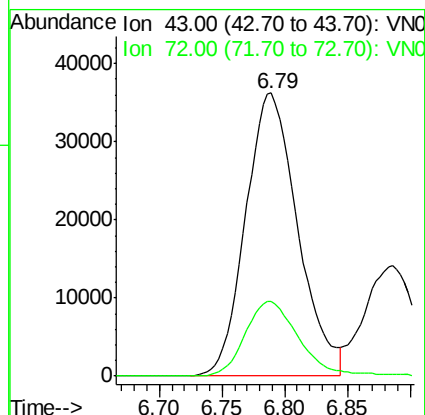
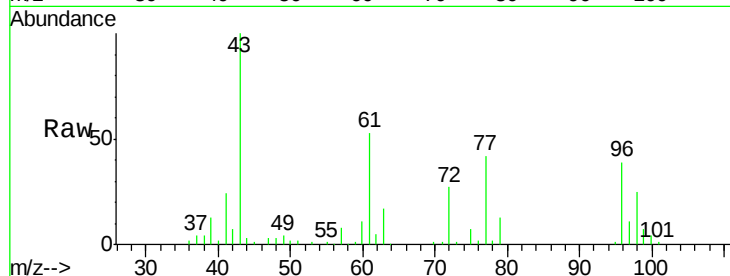
VN0826WBS01

Tgt Ion: 43 Resp: 104832

Ion Ratio Lower Upper

43 100

72 26.5 21.8 32.6



#26

2,2-Dichloropropane

Concen: 19.704 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN063131.D

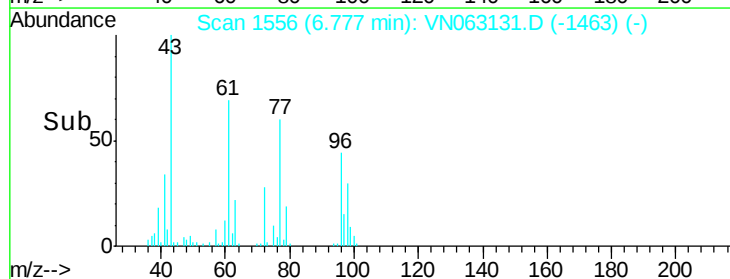
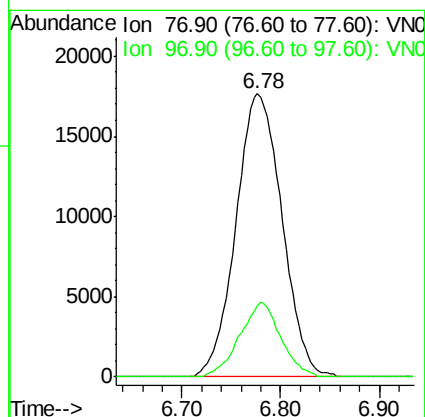
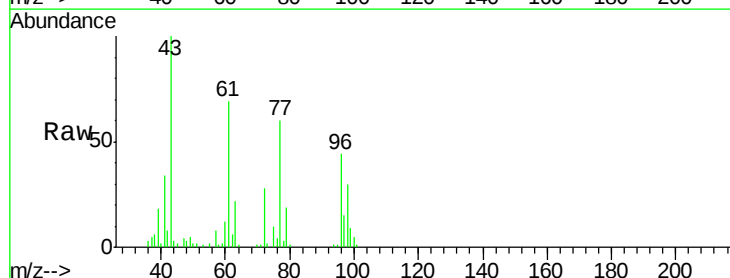
Acq: 26 Aug 2020 14:25

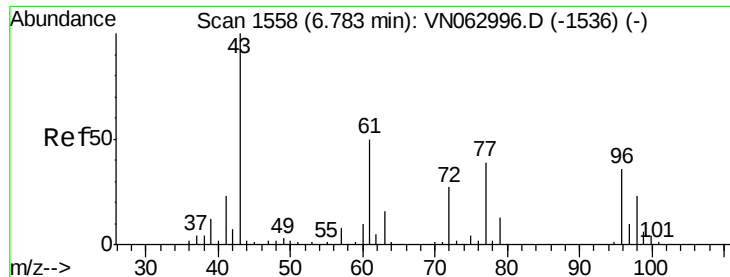
Tgt Ion: 77 Resp: 57100

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 19.086 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampled :

VN0826WBS01

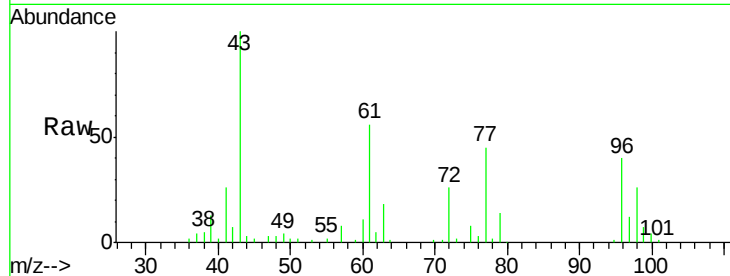
Tgt Ion: 96 Resp: 41260

Ion Ratio Lower Upper

96 100

61 150.0 0.0 292.8

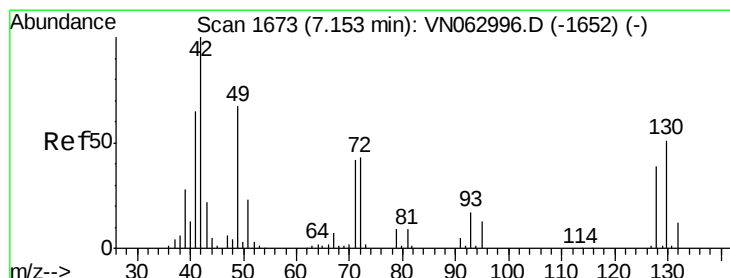
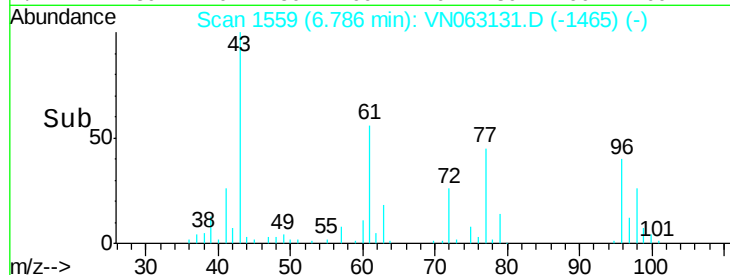
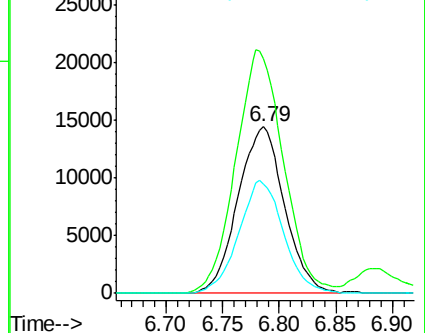
98 65.4 0.0 130.6



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: 20.624 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

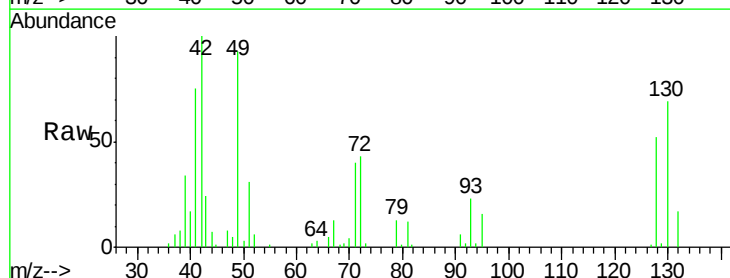
Tgt Ion: 49 Resp: 39764

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

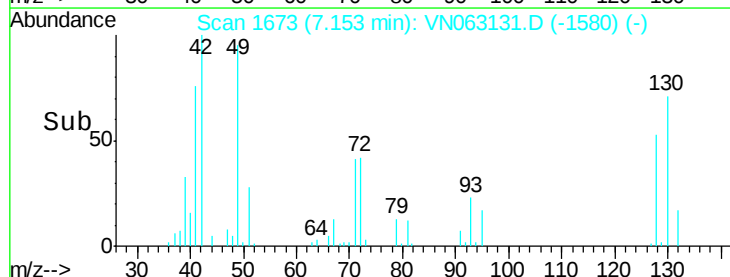
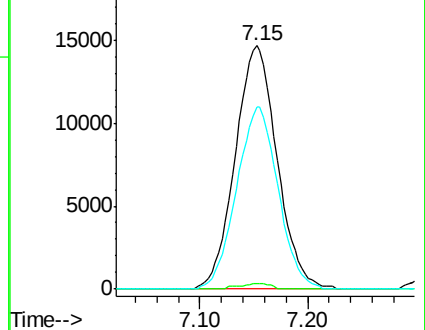
130 73.9 61.1 91.7

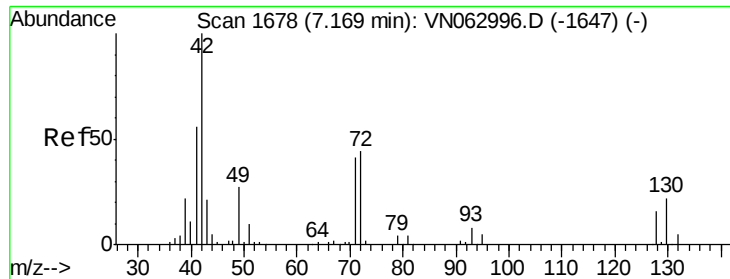


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

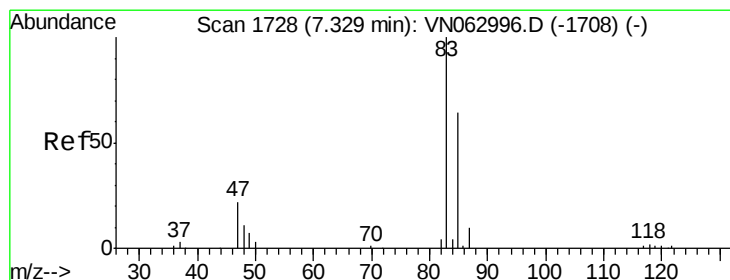
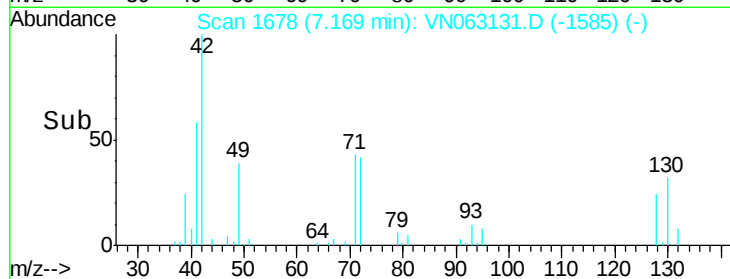
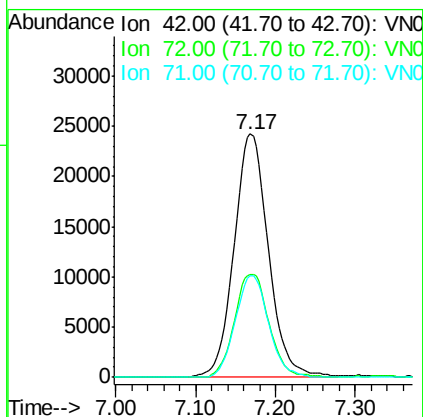
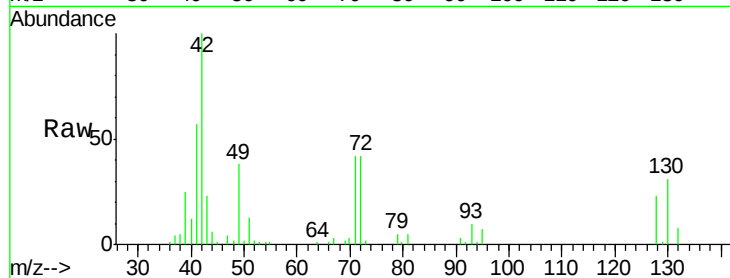




#29
Tetrahydrofuran
Concen: 89.330 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

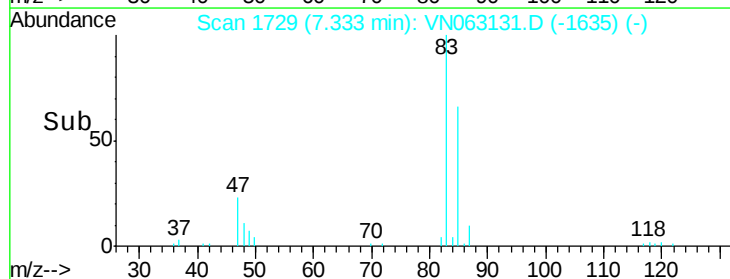
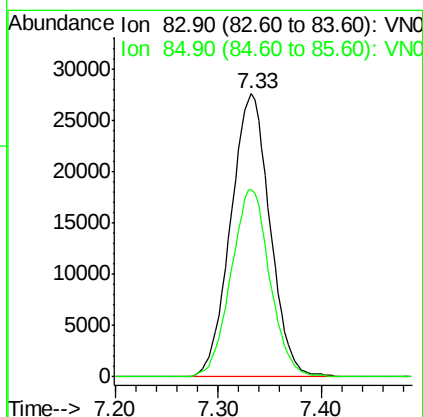
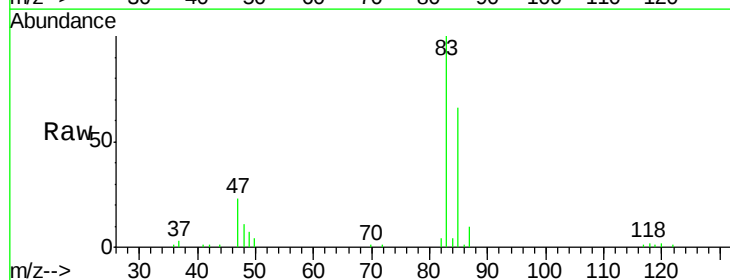
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

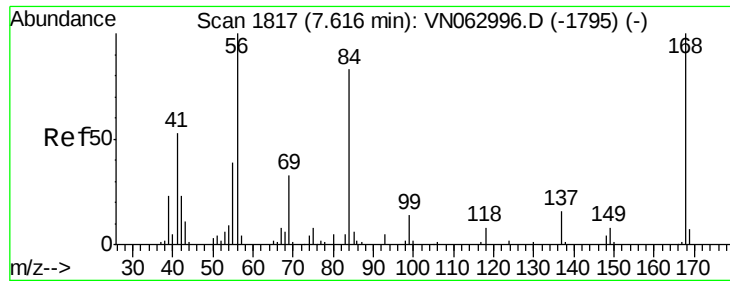
Tgt Ion: 42 Resp: 70434
Ion Ratio Lower Upper
42 100
72 42.5 34.6 52.0
71 40.4 32.3 48.5



#30
Chloroform
Concen: 19.678 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion: 83 Resp: 73029
Ion Ratio Lower Upper
83 100
85 66.4 51.5 77.3

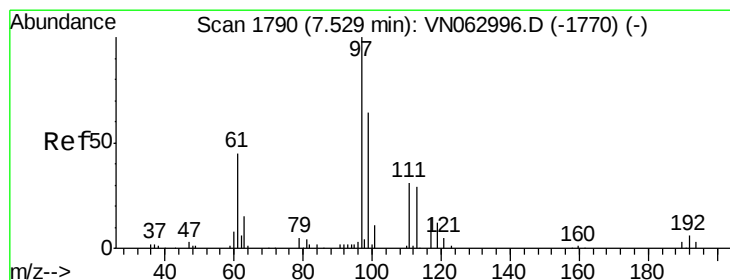
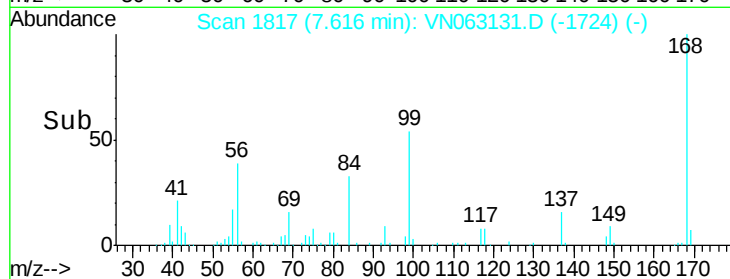
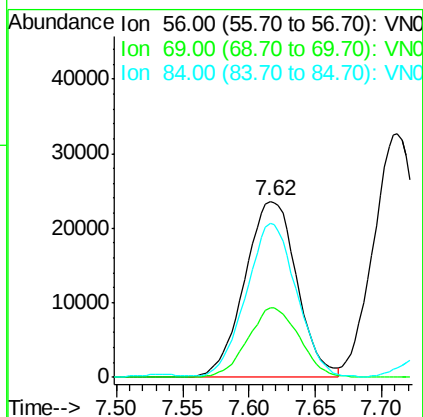
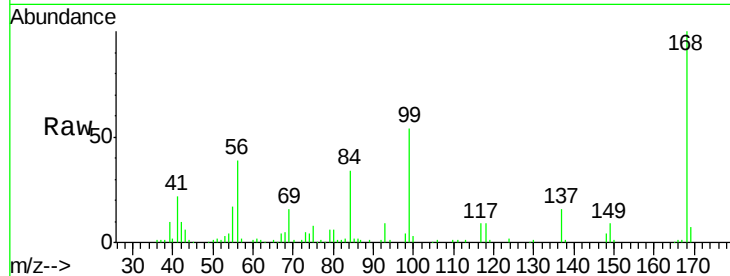




#31
Cyclohexane
Concen: 19.046 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

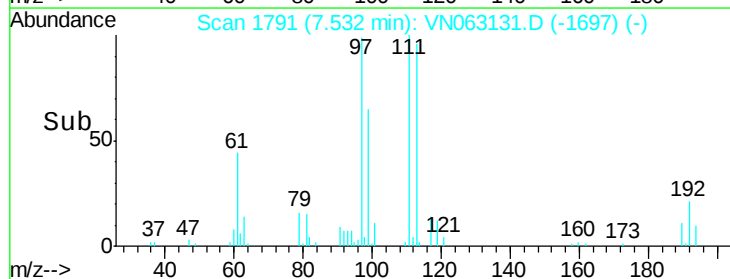
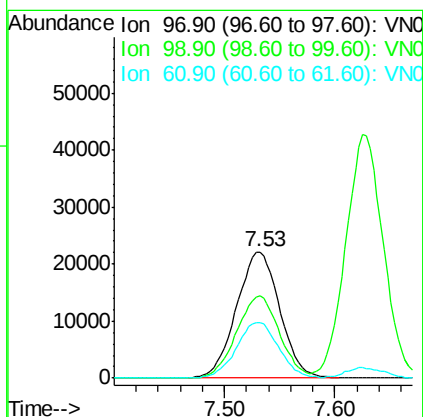
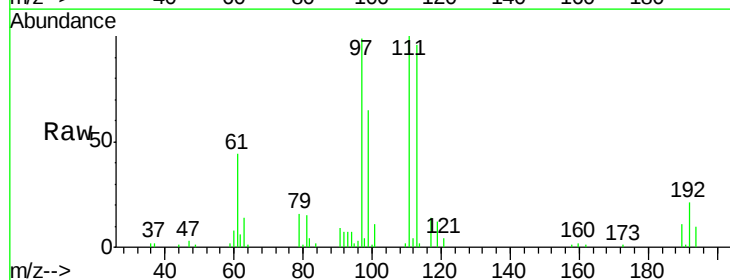
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

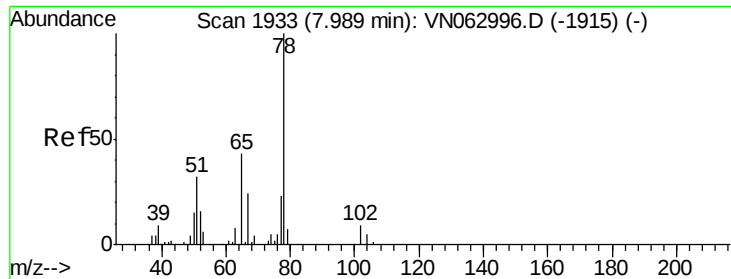
Tgt Ion: 56 Resp: 64594
Ion Ratio Lower Upper
56 100
69 39.8 26.6 40.0
84 87.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.820 ug/l
RT: 7.53 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion: 97 Resp: 60049
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 43.5 36.2 54.4

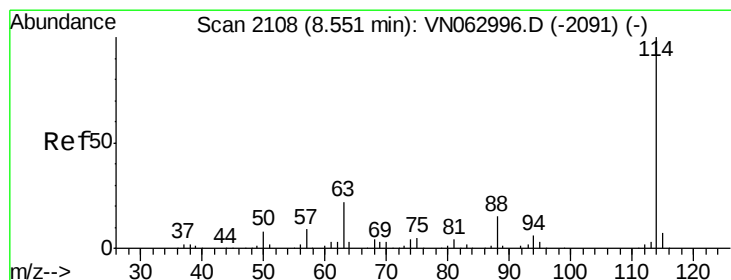
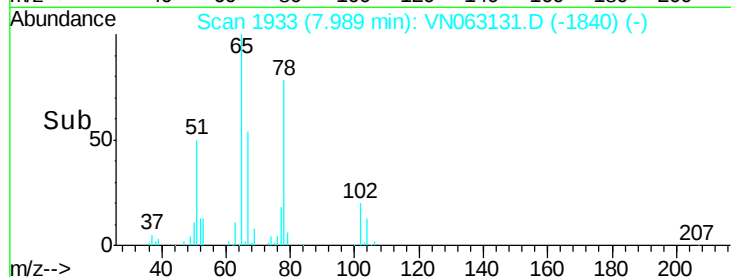
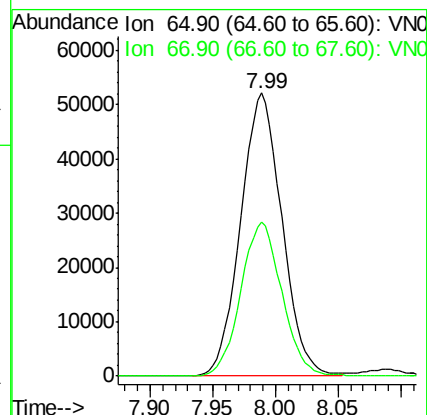
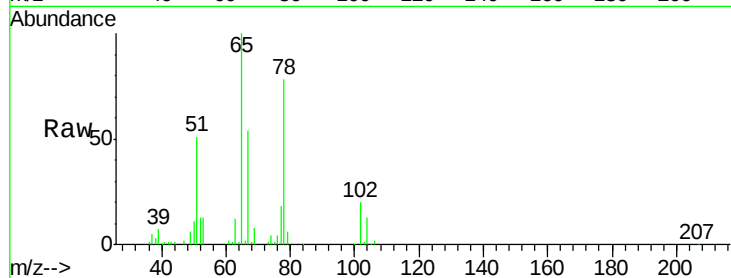




#33
 1,2-Dichloroethane-d4
 Concen: 51.837 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

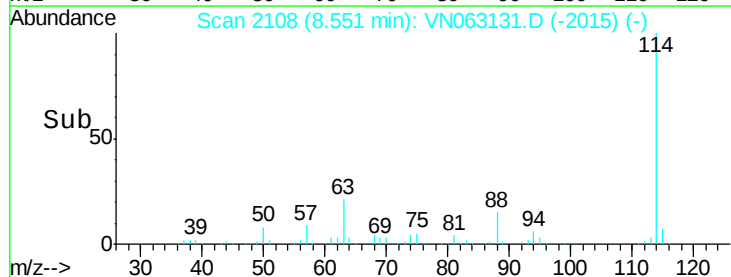
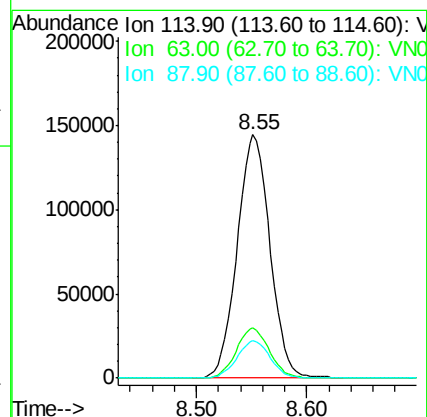
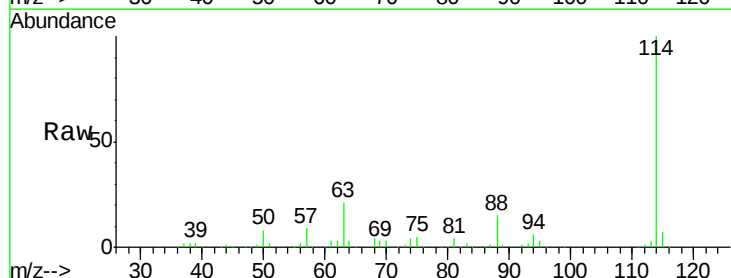
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

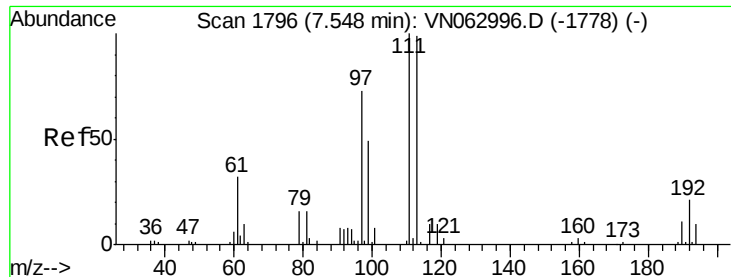
Tgt Ion: 65 Resp: 119283
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion: 114 Resp: 297679
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 15.4 0.0 30.6

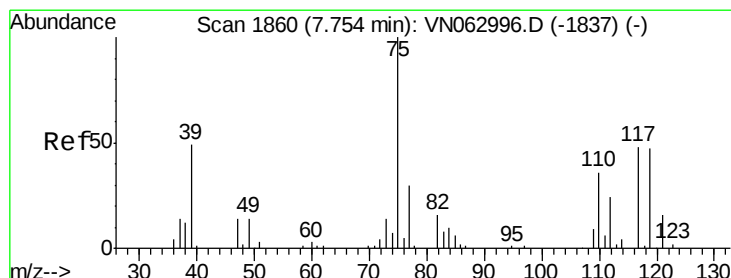
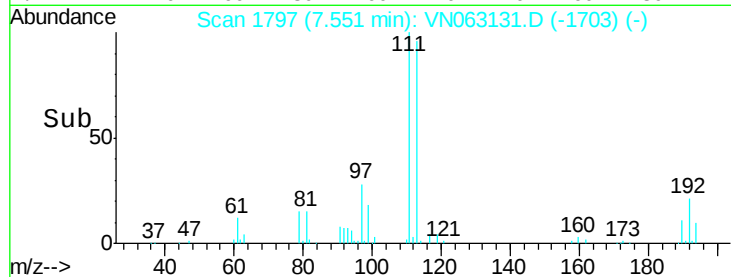
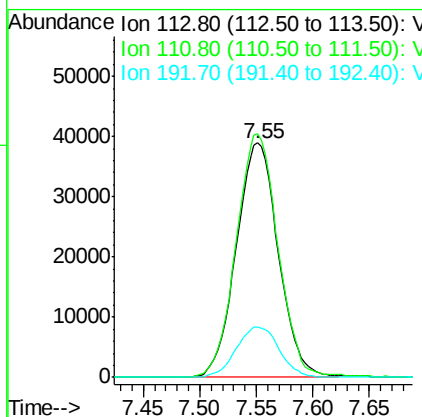
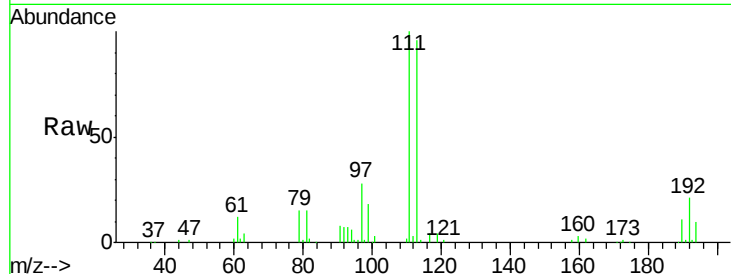




#35
 Dibromofluoromethane
 Concen: 51.809 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

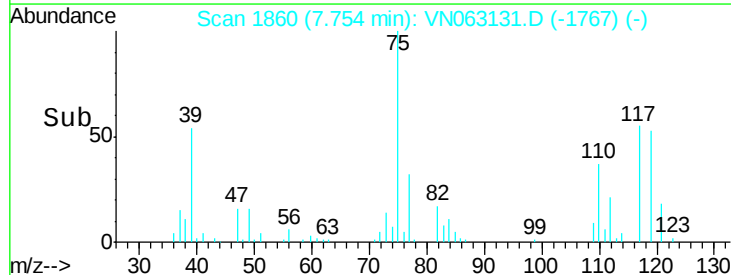
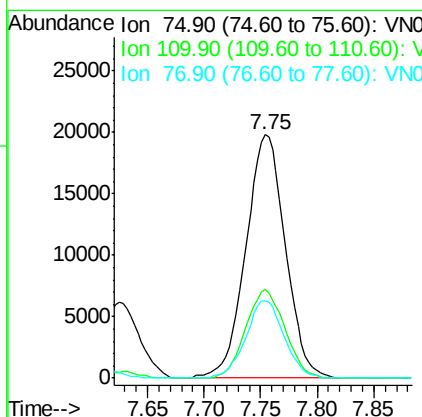
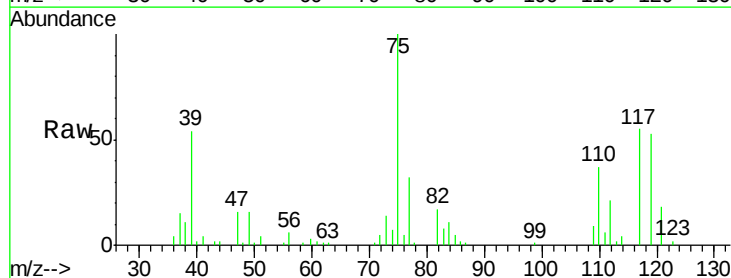
Instrument :
 MSVOA_N
 ClientSampled :
 VN0826WBS01

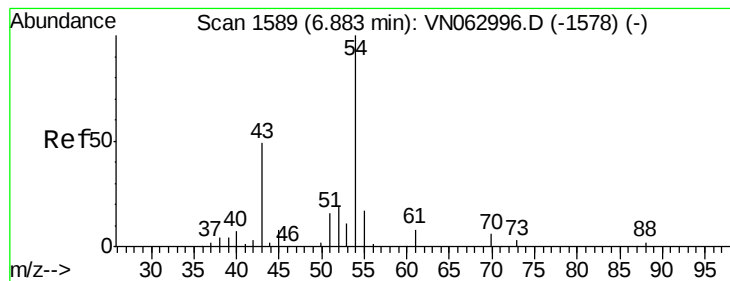
Tgt Ion:113 Resp: 100492
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.7 122.5
 192 21.9 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 18.325 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion: 75 Resp: 48073
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.5 52.6
 77 30.9 24.2 36.4





#37

Ethyl Acetate

Concen: 17.338 ug/l

RT: 6.89 min Scan# 1590

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampled :

VN0826WBS01

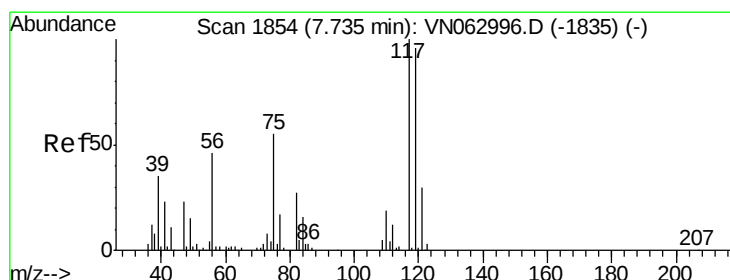
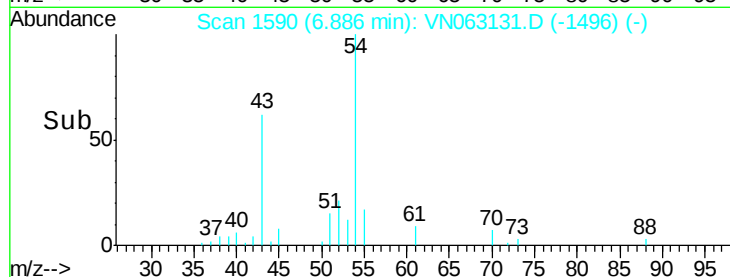
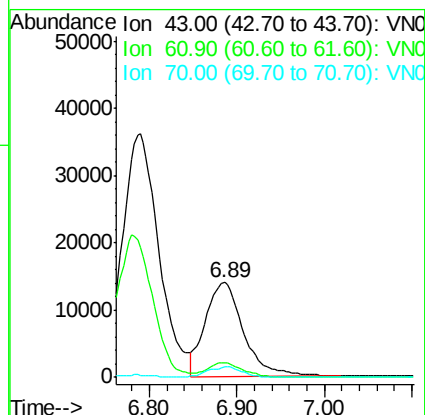
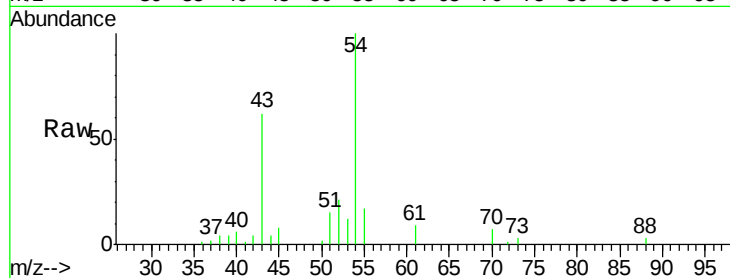
Tgt Ion: 43 Resp: 42619

Ion Ratio Lower Upper

43 100

61 14.2 11.8 17.8

70 9.8 8.2 12.2



#38

Carbon Tetrachloride

Concen: 18.906 ug/l

RT: 7.73 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

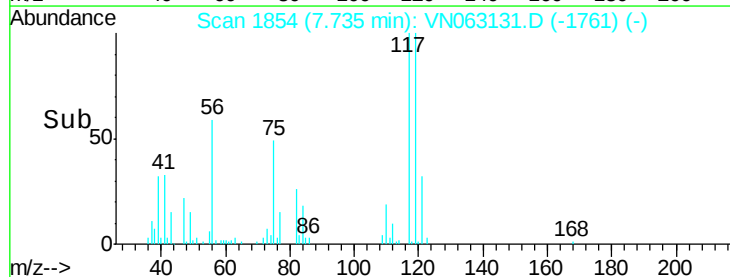
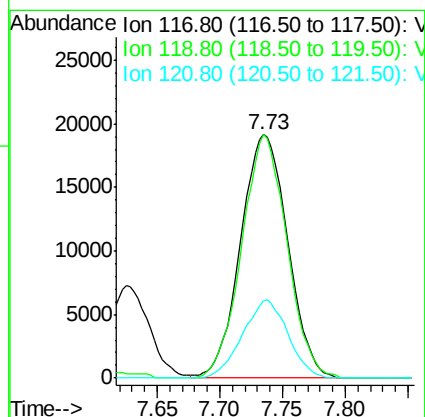
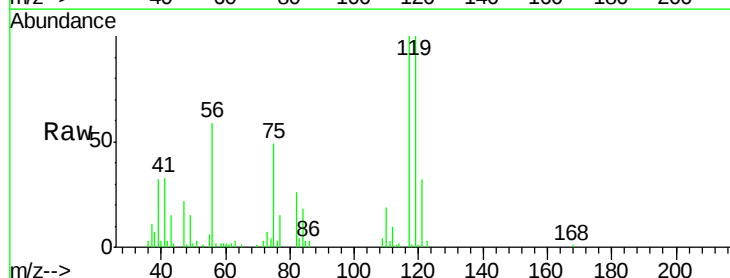
Tgt Ion: 117 Resp: 50070

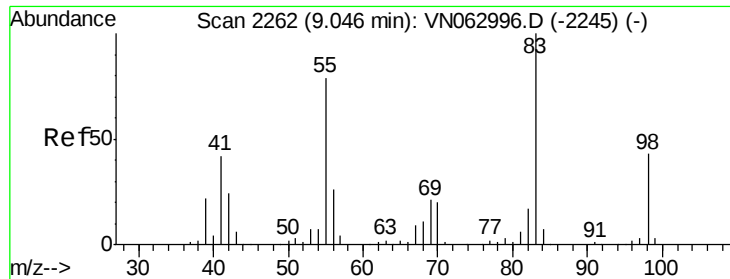
Ion Ratio Lower Upper

117 100

119 99.9 76.2 114.4

121 31.7 24.2 36.2

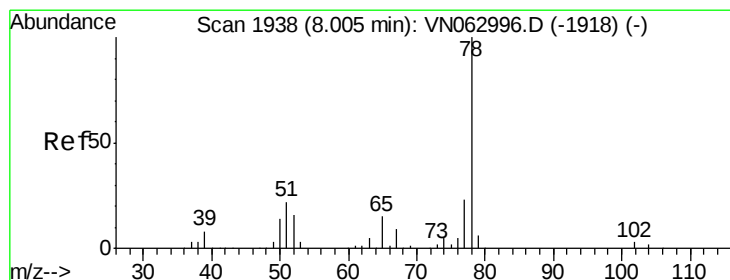
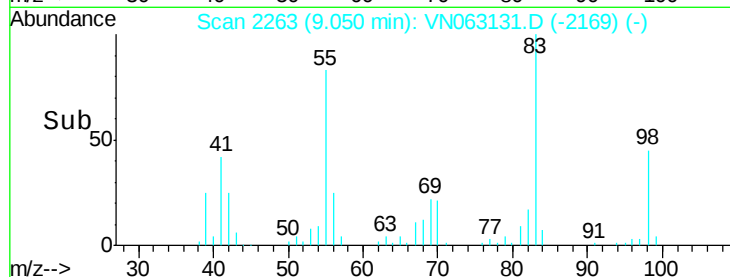
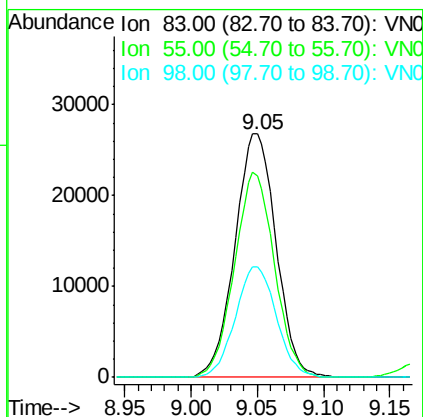
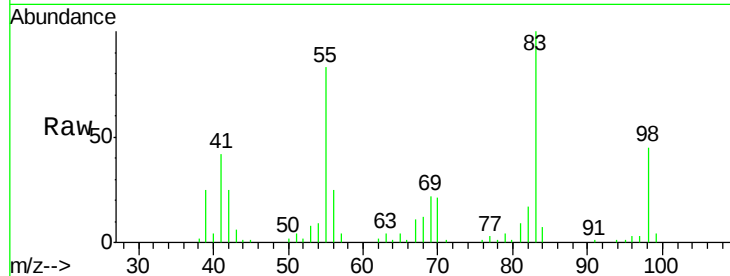




#39
Methylcyclohexane
Concen: 17.366 ug/l
RT: 9.05 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

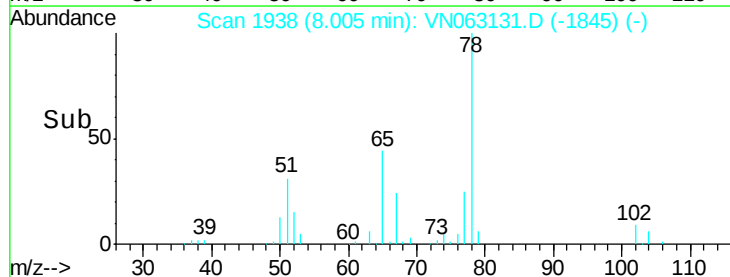
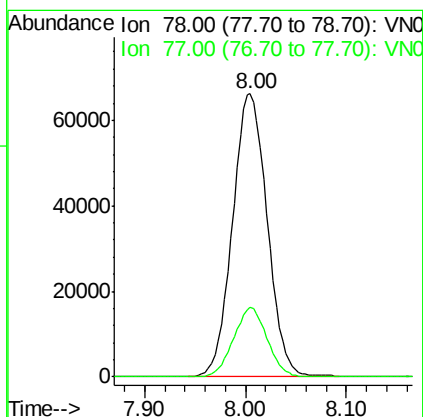
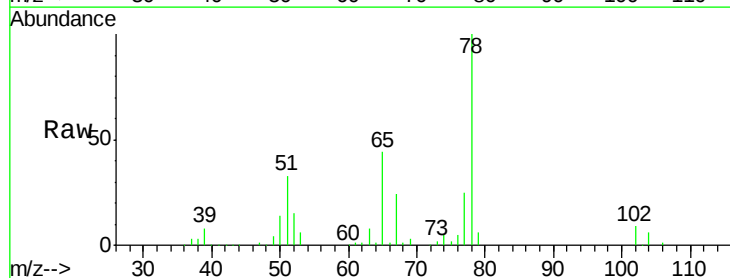
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

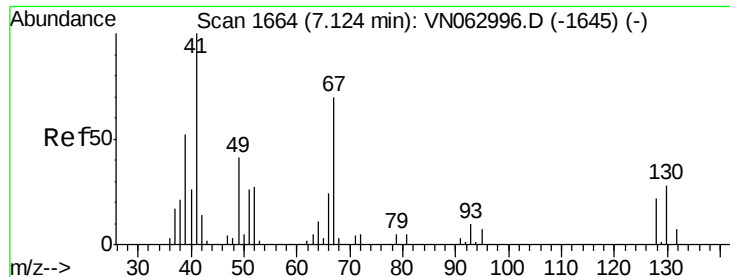
Tgt Ion: 83 Resp: 57778
Ion Ratio Lower Upper
83 100
55 82.6 63.3 94.9
98 45.2 34.2 51.4



#40
Benzene
Concen: 18.989 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion: 78 Resp: 157989
Ion Ratio Lower Upper
78 100
77 24.6 18.8 28.2

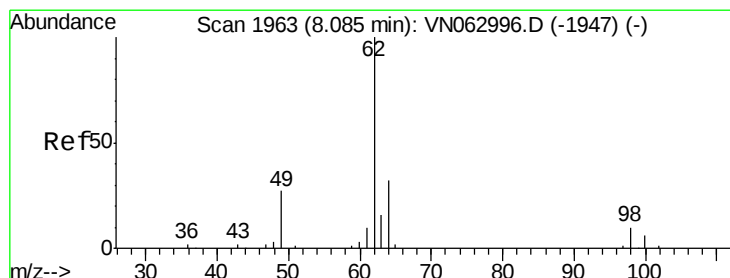
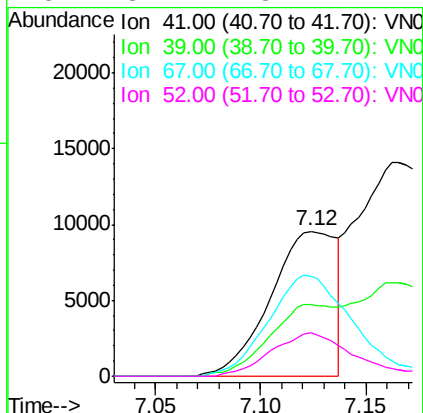
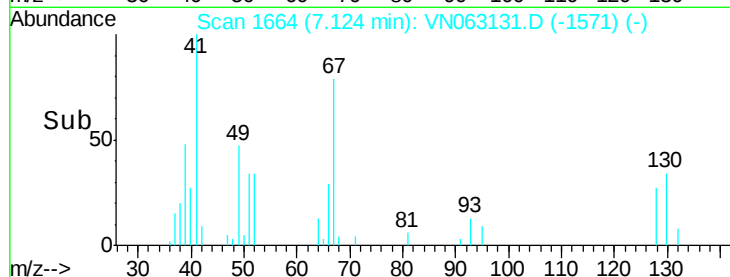
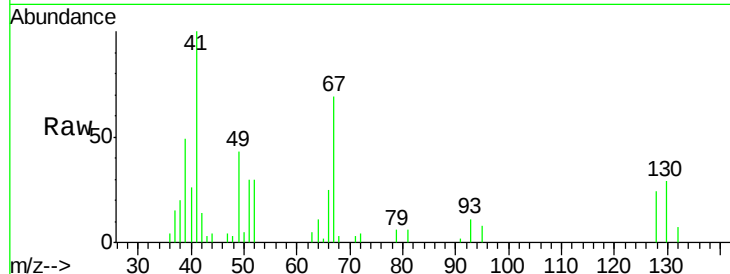




#41
Methacrylonitrile
Concen: 17.730 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

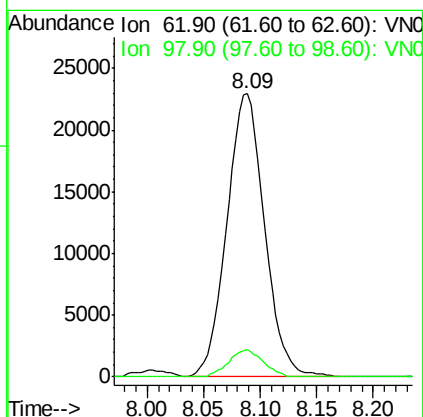
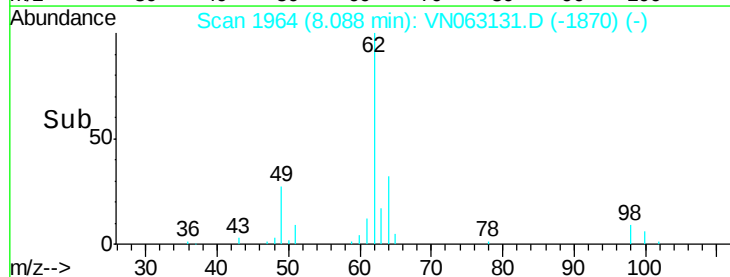
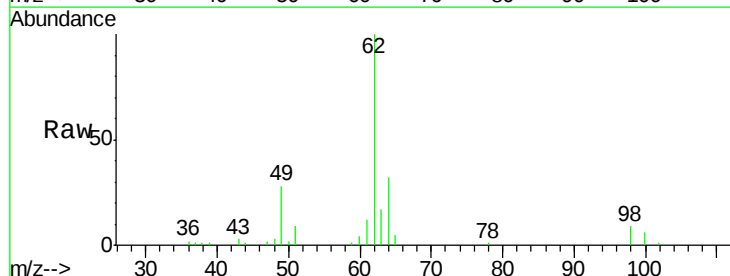
Instrument :
MSVOA_N
ClientSampled :
VN0826WBS01

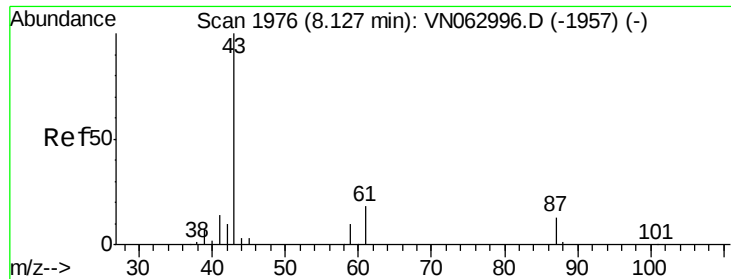
Tgt Ion:	41	Resp:	20764
Ion	Ratio	Lower	Upper
41	100		
39	45.6	41.6	62.4
67	90.2	71.8	107.8
52	37.7	28.2	42.4



#42
1,2-Dichloroethane
Concen: 19.062 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion:	62	Resp:	53254
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.4





#43

Isopropyl Acetate

Concen: 17.911 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

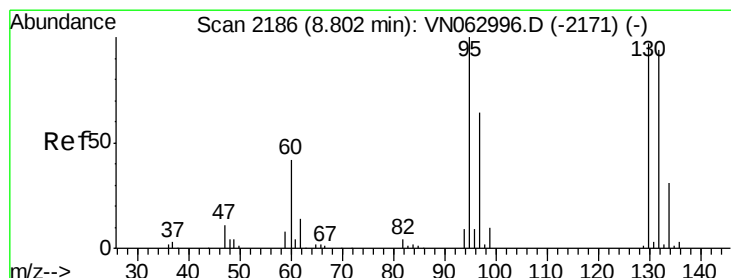
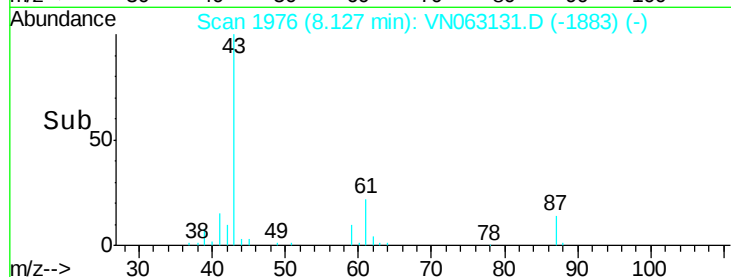
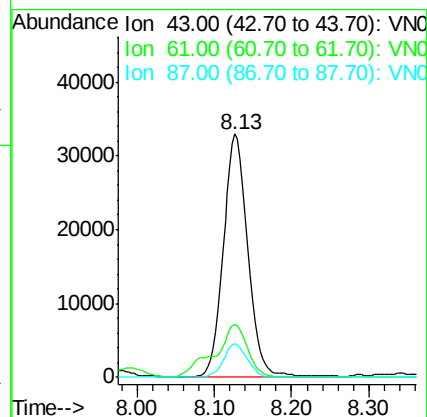
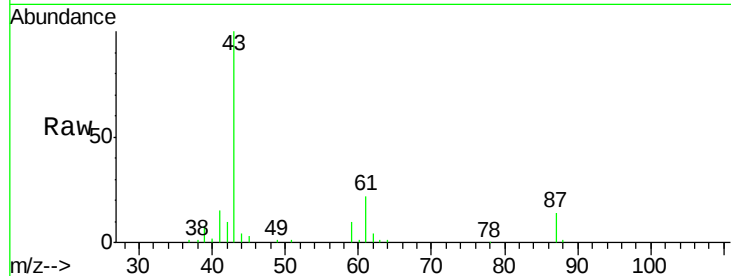
Tgt Ion: 43 Resp: 72940

Ion Ratio Lower Upper

43 100

61 29.3 22.6 33.8

87 13.1 10.5 15.7



#44

Trichloroethene

Concen: 19.401 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN063131.D

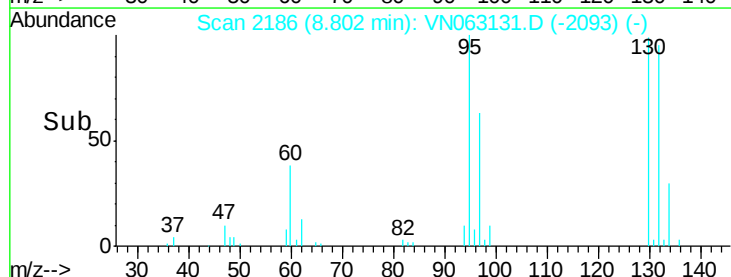
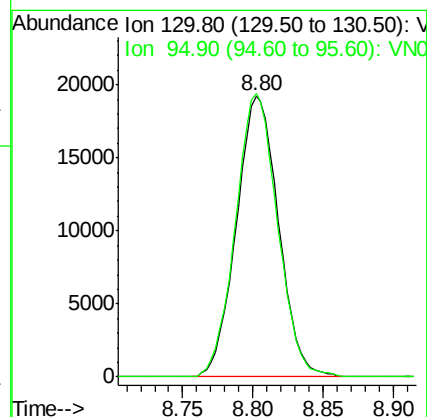
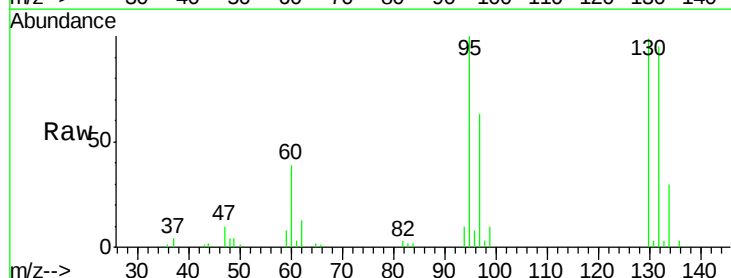
Acq: 26 Aug 2020 14:25

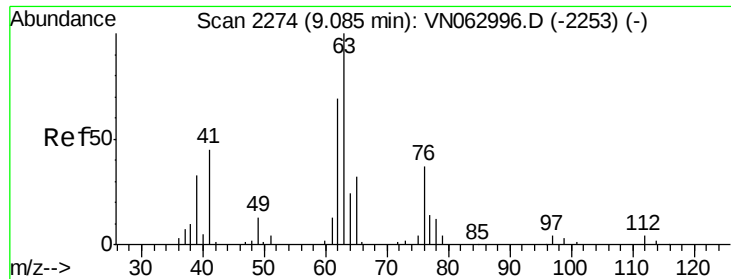
Tgt Ion: 130 Resp: 40152

Ion Ratio Lower Upper

130 100

95 100.7 0.0 205.6

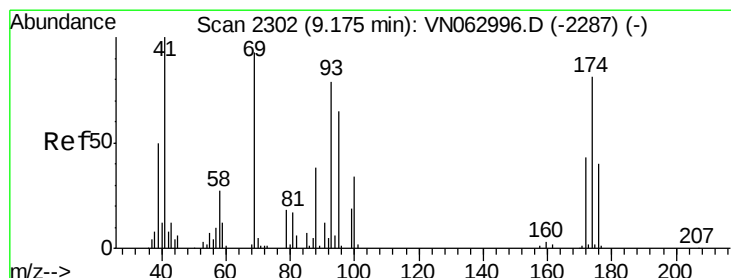
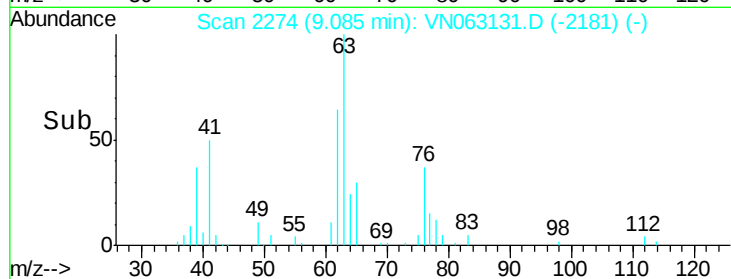
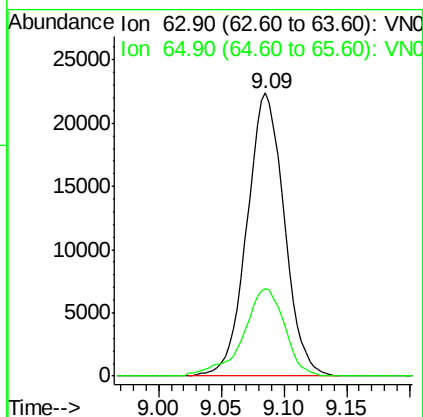
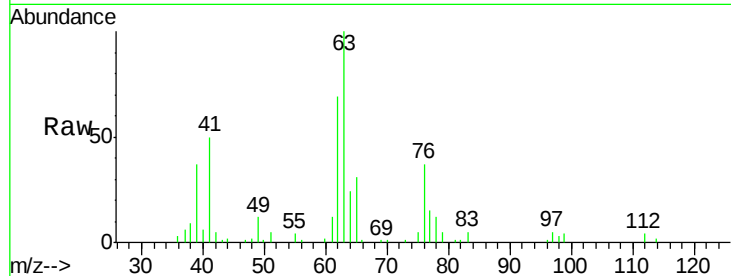




#45
 1,2-Dichloropropane
 Concen: 19.281 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

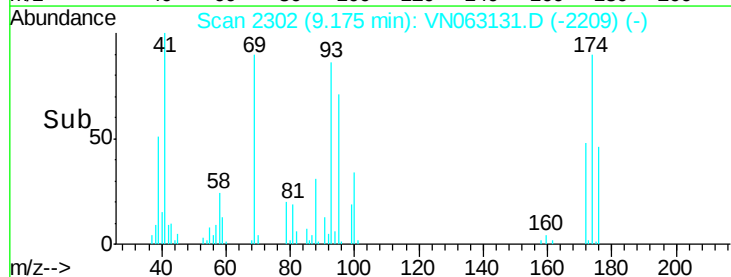
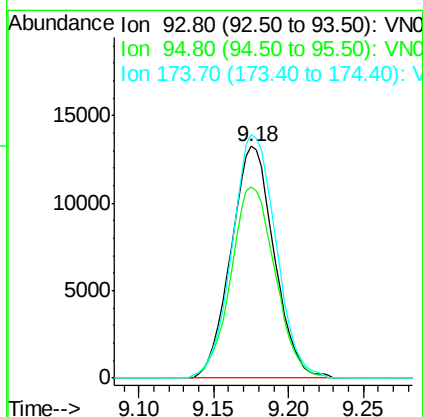
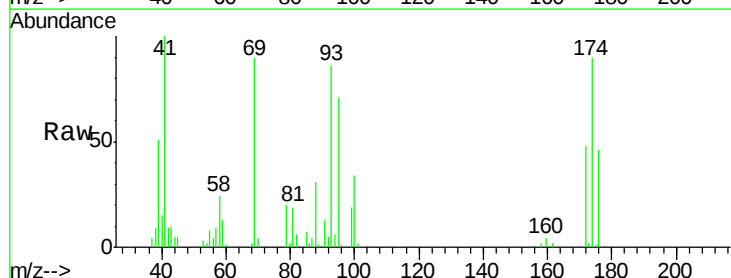
Instrument :
 MSVOA_N
 ClientSampled :
 VN0826WBS01

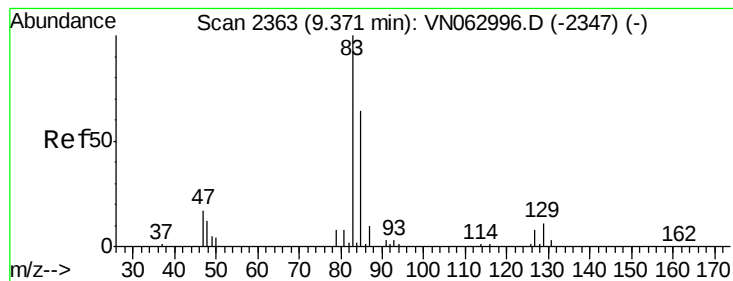
Tgt Ion: 63 Resp: 46371
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.6 38.4



#46
 Dibromomethane
 Concen: 19.176 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion: 93 Resp: 26642
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.2 99.4
 174 106.7 84.6 127.0





#47

Bromodichloromethane

Concen: 19.594 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

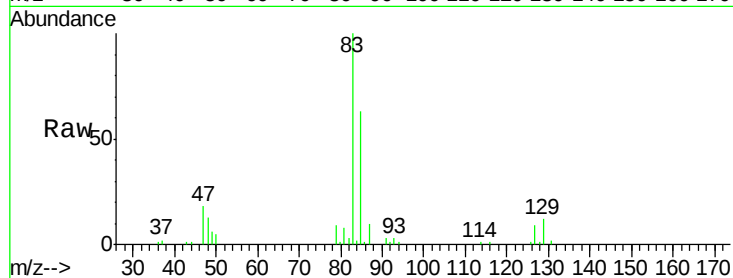
Tgt Ion: 83 Resp: 59626

Ion Ratio Lower Upper

83 100

85 62.5 51.1 76.7

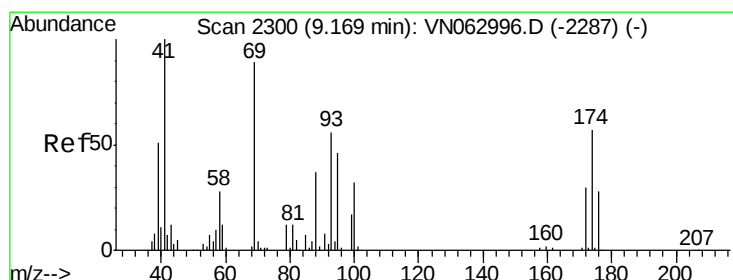
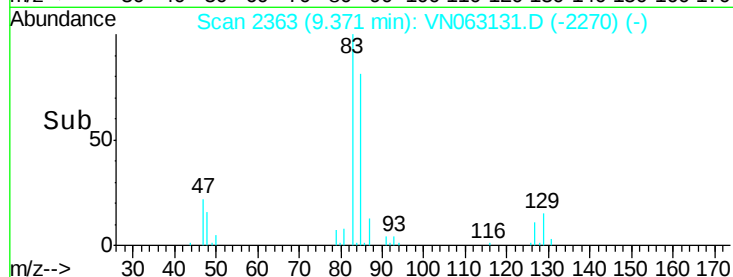
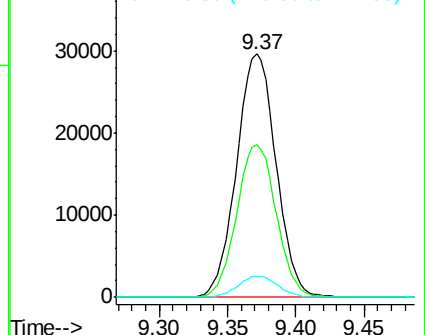
127 8.6 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063131.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN063131.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN063131.D (-2270) (-)



#48

Methyl methacrylate

Concen: 17.761 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

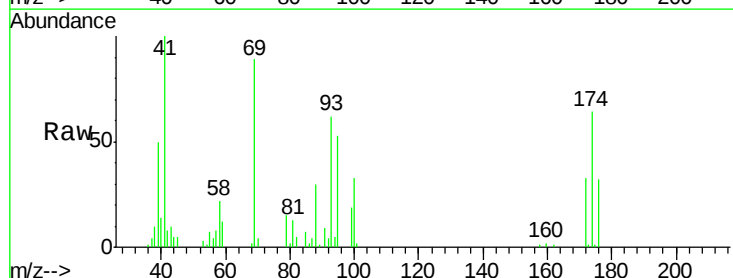
Tgt Ion: 41 Resp: 34222

Ion Ratio Lower Upper

41 100

69 91.0 74.2 111.4

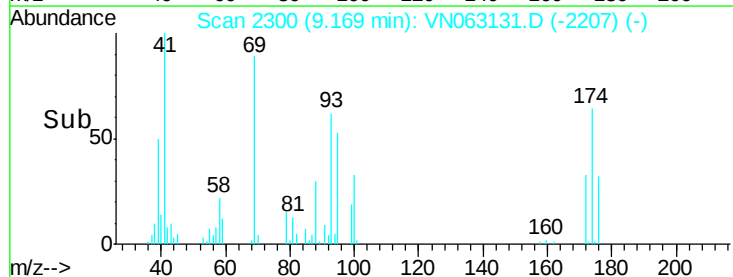
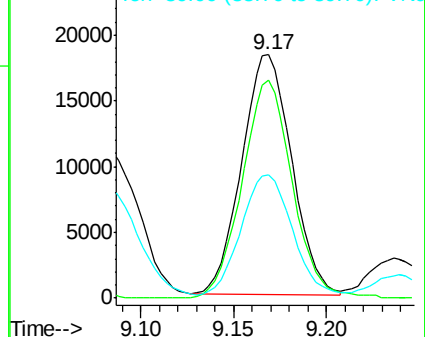
39 54.0 42.5 63.7

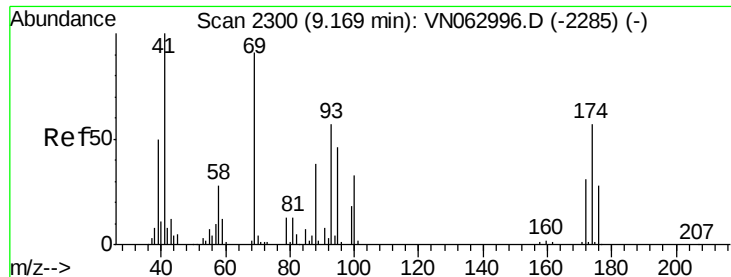


Abundance Ion 41.00 (40.70 to 41.70): VN063131.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN063131.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN063131.D (-2207) (-)

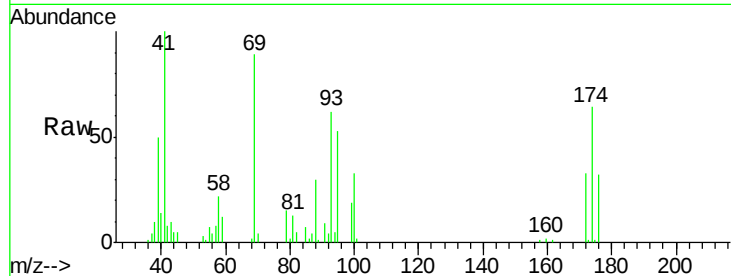




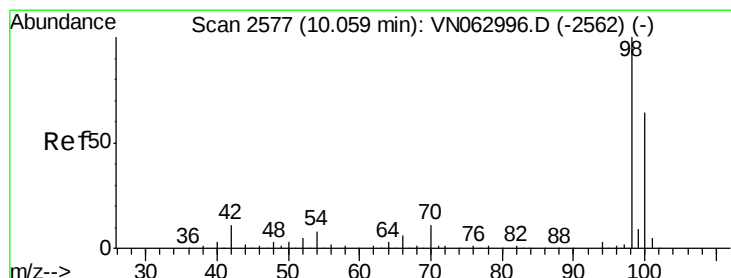
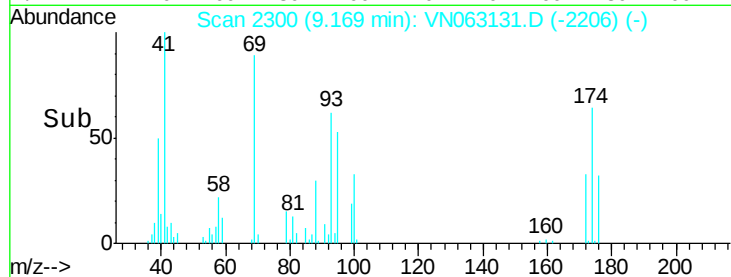
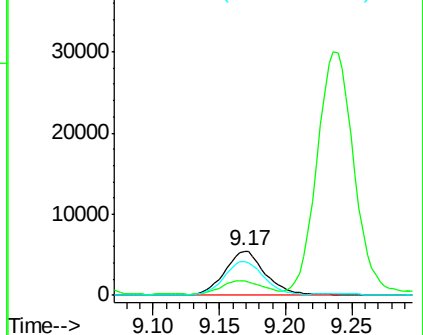
#49
 1,4-Dioxane
 Concen: 285.253 ug/l
 RT: 9.17 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

Tgt Ion: 88 Resp: 11624
 Ion Ratio Lower Upper
 88 100
 43 36.6 25.2 37.8
 58 74.8 56.7 85.1

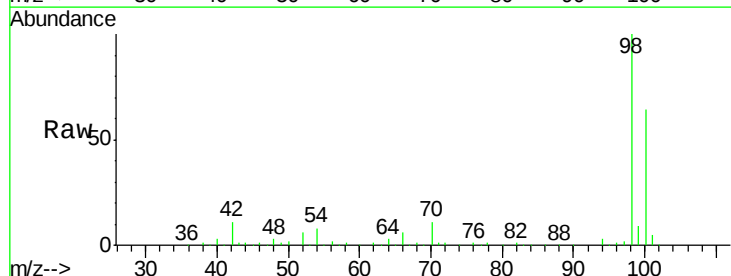


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

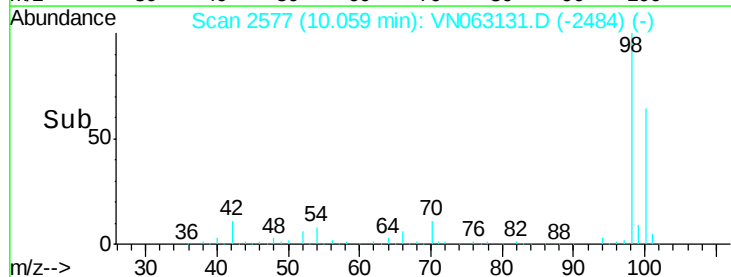
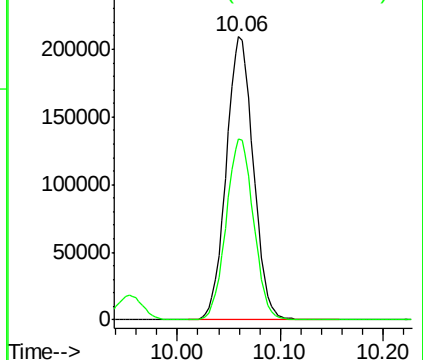


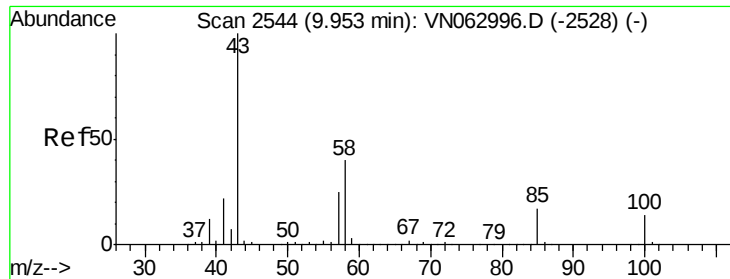
#50
 Toluene-d8
 Concen: 51.617 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion: 98 Resp: 384568
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.2 76.8



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

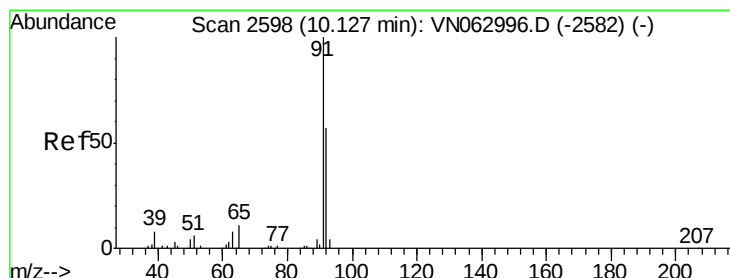
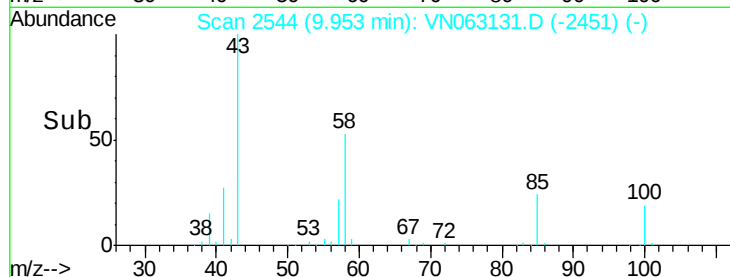
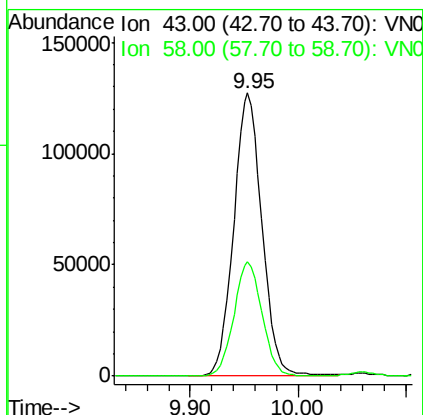
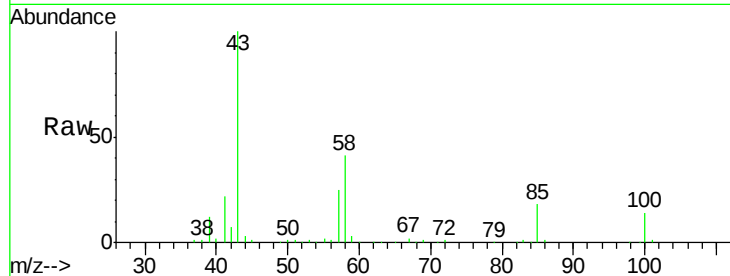




#51
 4-Methyl-2-Pentanone
 Concen: 90.288 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

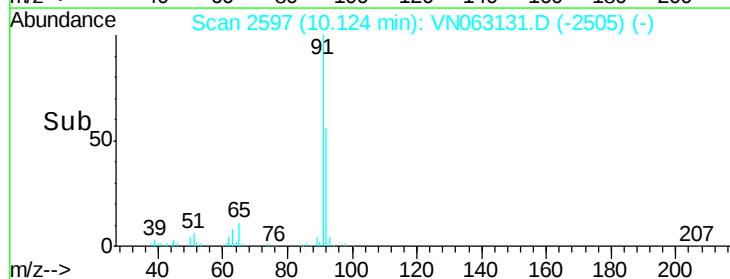
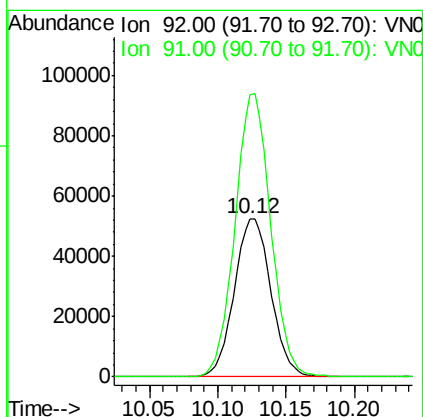
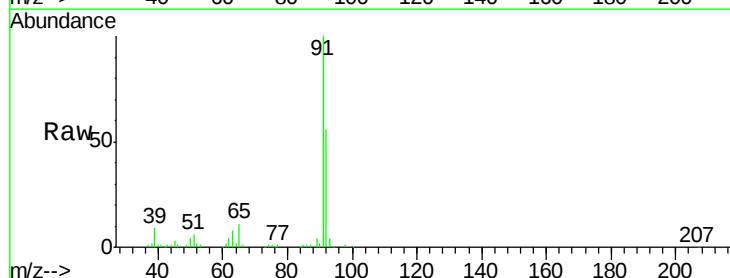
Instrument :
 MSVOA_N
 ClientSampled :
 VN0826WBS01

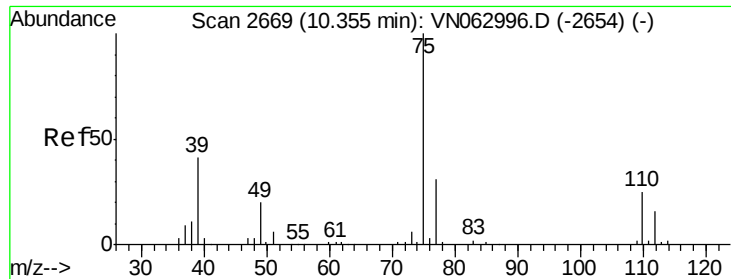
Tgt Ion: 43 Resp: 232403
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.2 48.2



#52
 Toluene
 Concen: 19.464 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion: 92 Resp: 97691
 Ion Ratio Lower Upper
 92 100
 91 175.0 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 19.571 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

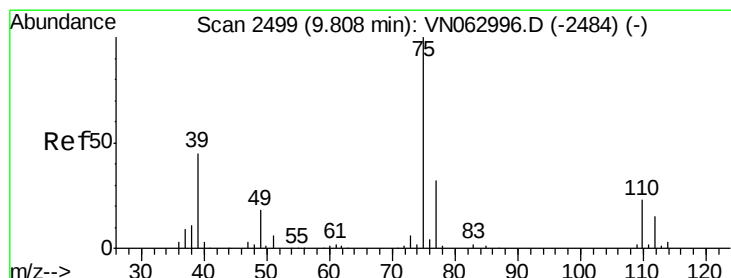
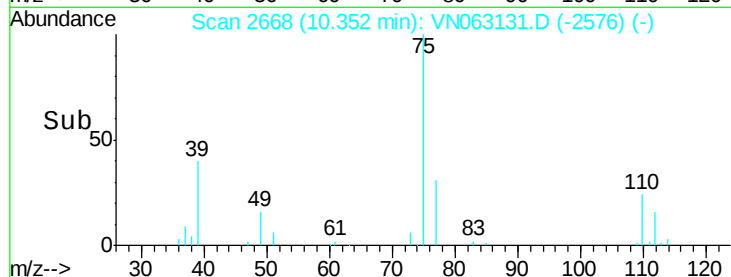
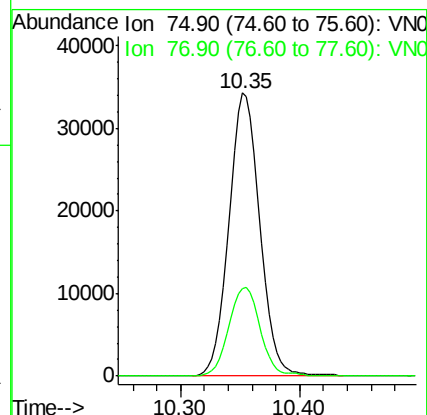
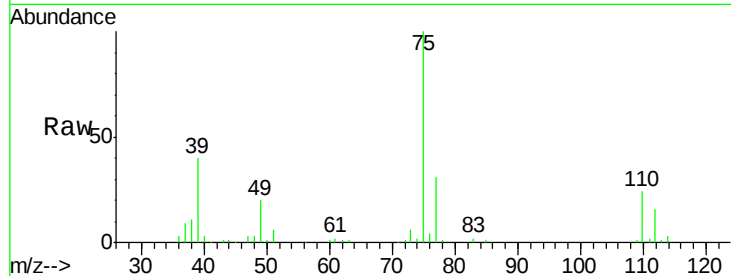
VN0826WBS01

Tgt Ion: 75 Resp: 61588

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 19.736 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

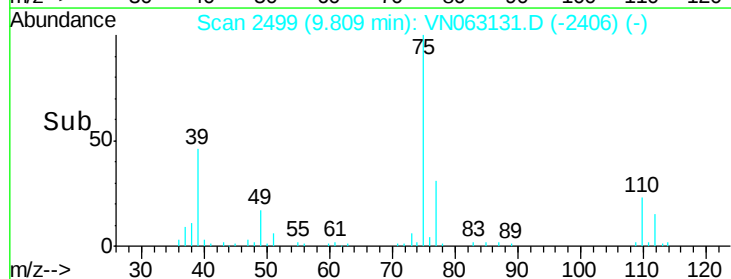
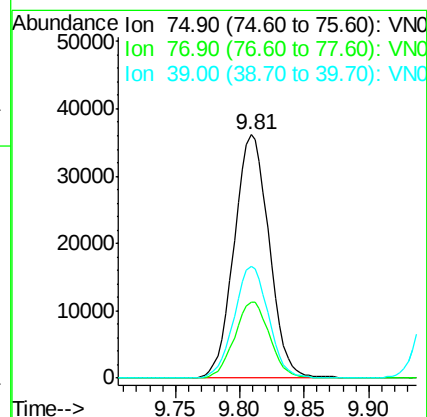
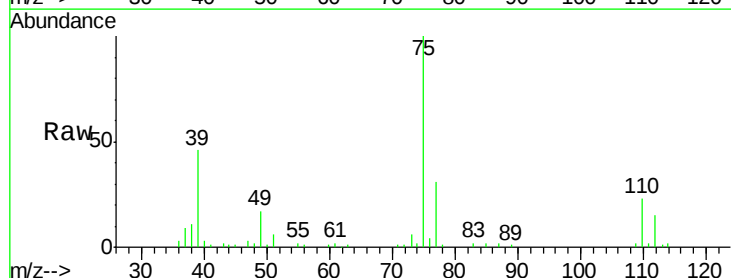
Tgt Ion: 75 Resp: 68131

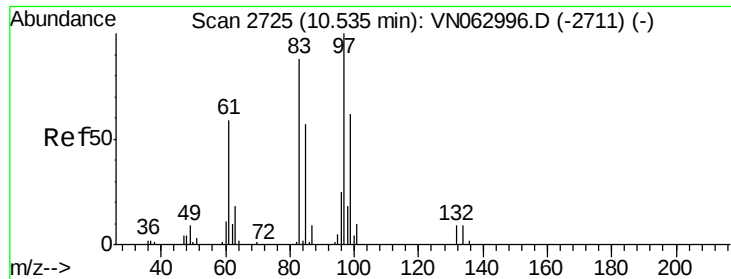
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

39 45.9 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 19.400 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

Tgt Ion: 97 Resp: 41634

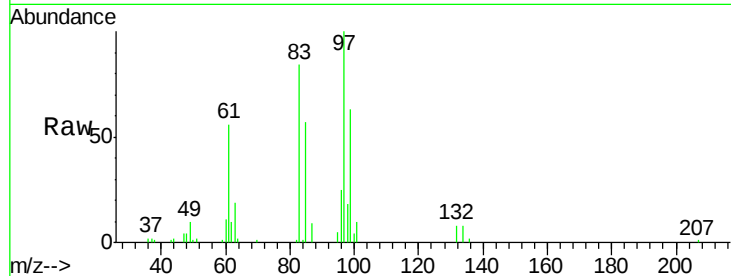
Ion Ratio Lower Upper

97 100

83 84.2 70.5 105.7

85 57.4 45.8 68.6

99 63.4 49.7 74.5

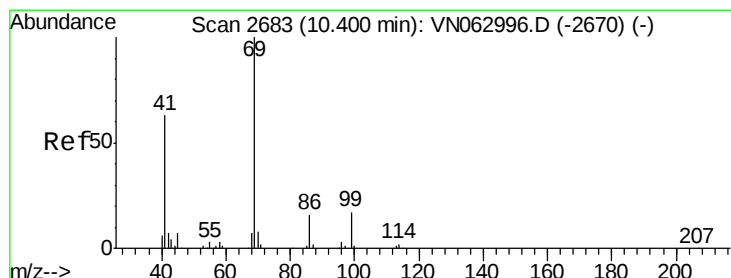
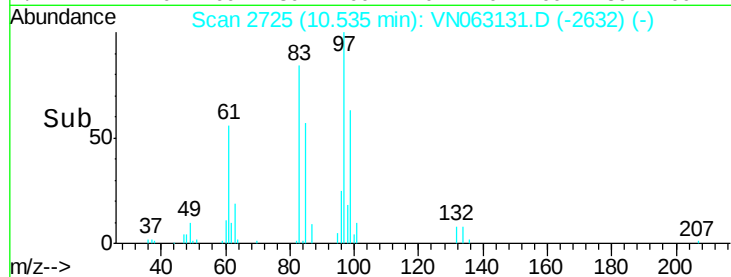
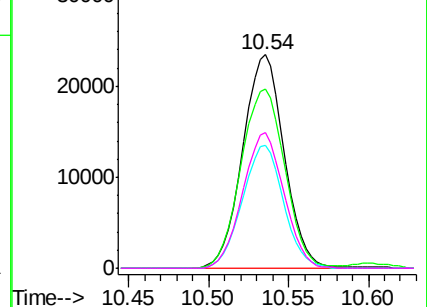


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 17.743 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

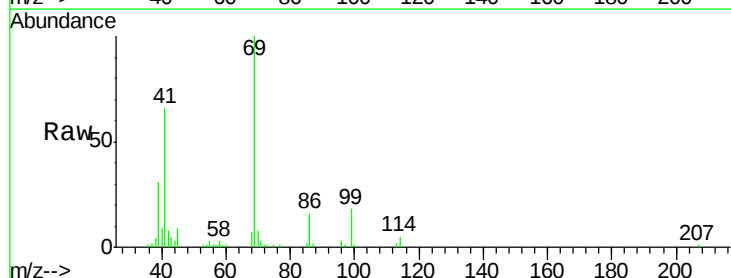
Tgt Ion: 69 Resp: 54954

Ion Ratio Lower Upper

69 100

41 65.1 50.2 75.2

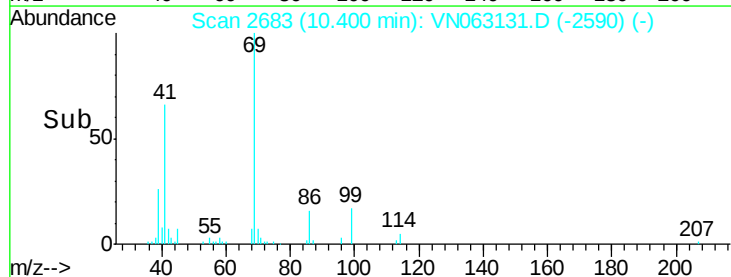
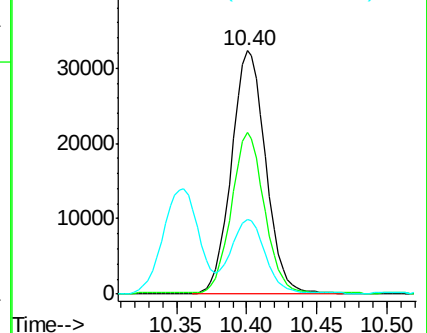
39 30.2 24.2 36.4

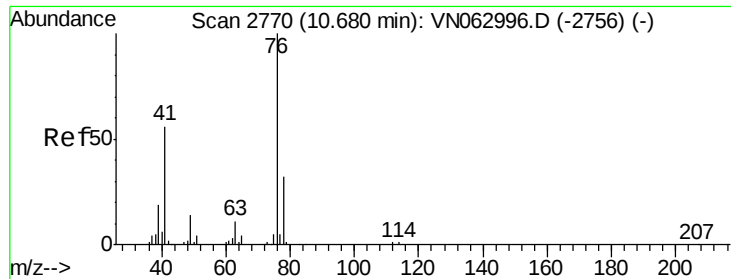


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.839 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

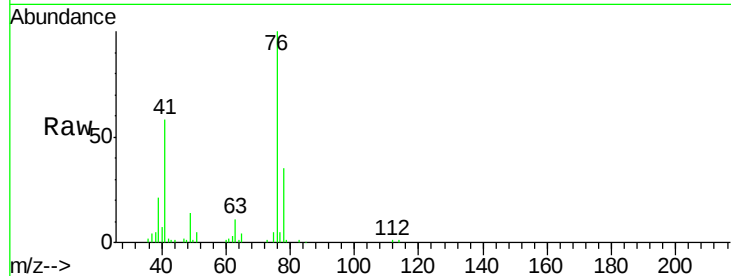
VN0826WBS01

Tgt Ion: 76 Resp: 67137

Ion Ratio Lower Upper

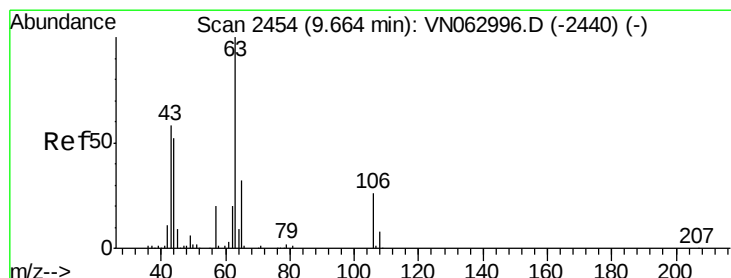
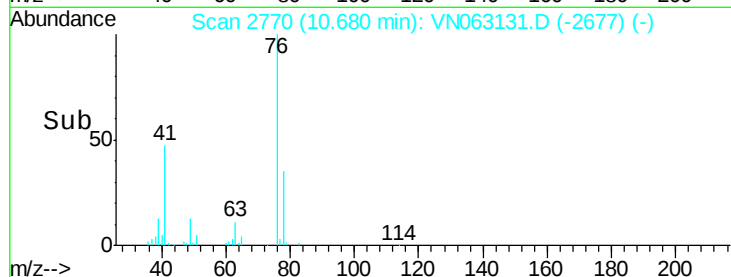
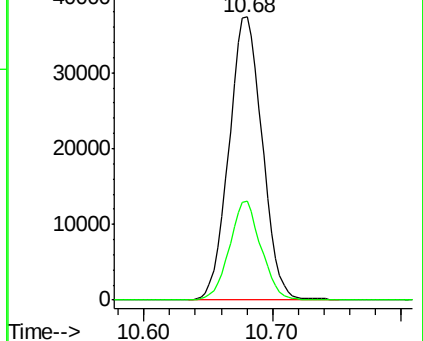
76 100

78 33.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN062996.D (-2756) (-)

Ion 77.90 (77.60 to 78.60): VN062996.D (-2756) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 163.135 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN063131.D

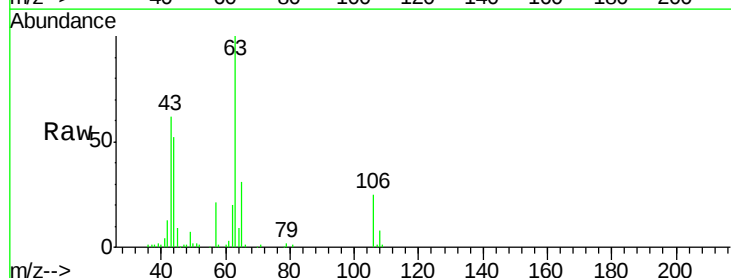
Acq: 26 Aug 2020 14:25

Tgt Ion: 63 Resp: 127868

Ion Ratio Lower Upper

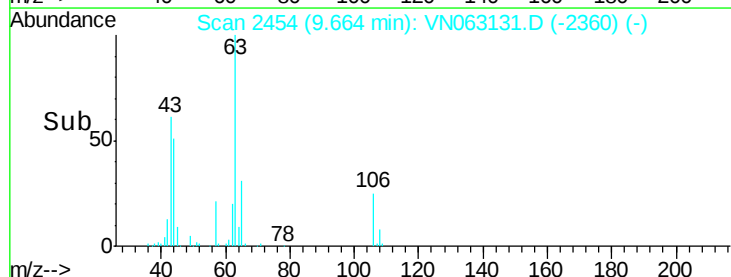
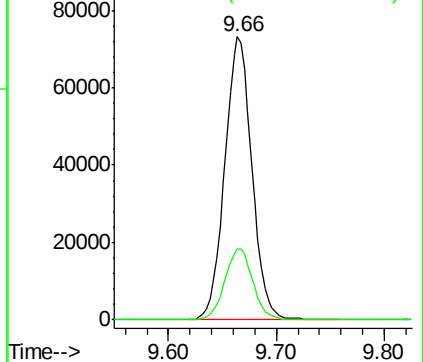
63 100

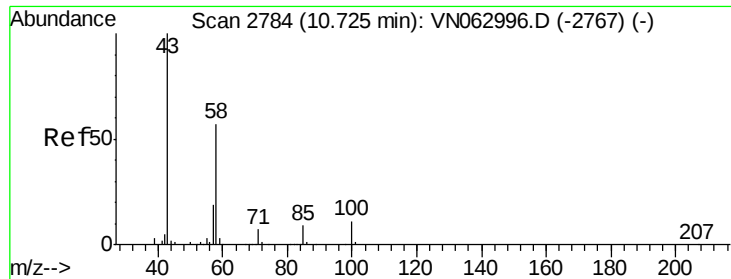
106 25.9 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-2440) (-)

Ion 105.90 (105.60 to 106.60): VN062996.D (-2440) (-)

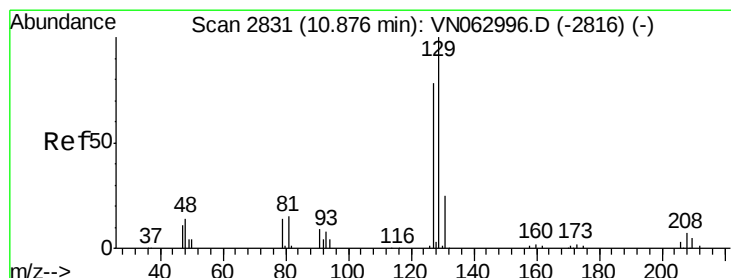
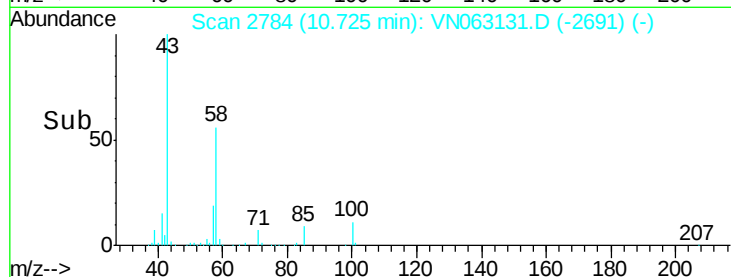
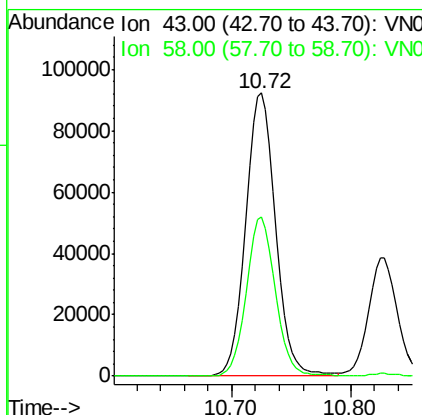
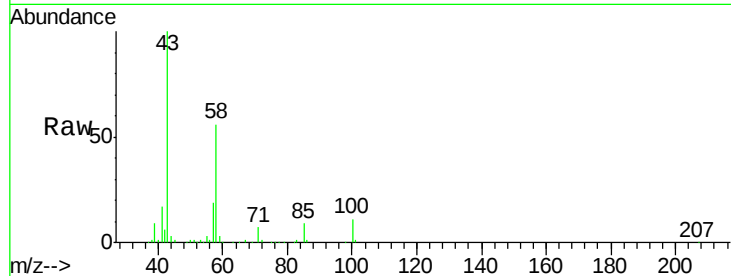




#59
2-Hexanone
Concen: 89.537 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

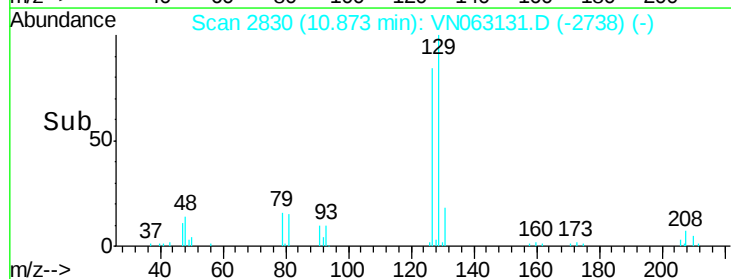
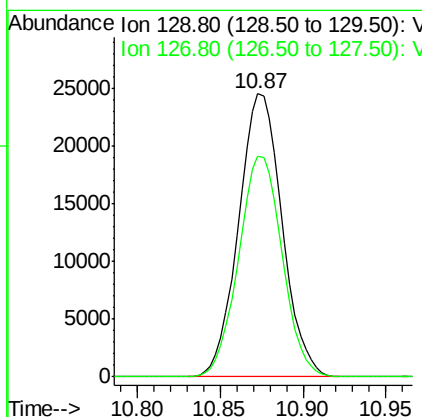
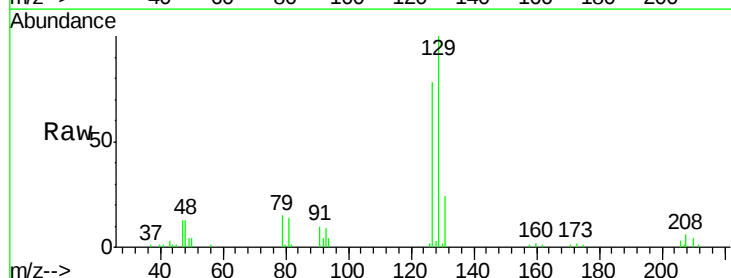
Instrument :
MSVOA_N
ClientSampled :
VN0826WBS01

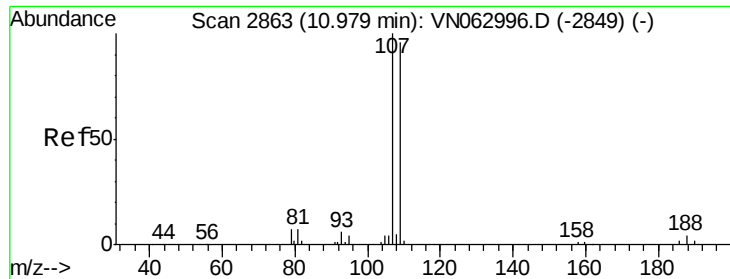
Tgt Ion: 43 Resp: 160759
Ion Ratio Lower Upper
43 100
58 54.7 28.1 84.3



#60
Dibromochloromethane
Concen: 18.931 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion: 129 Resp: 44962
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.2

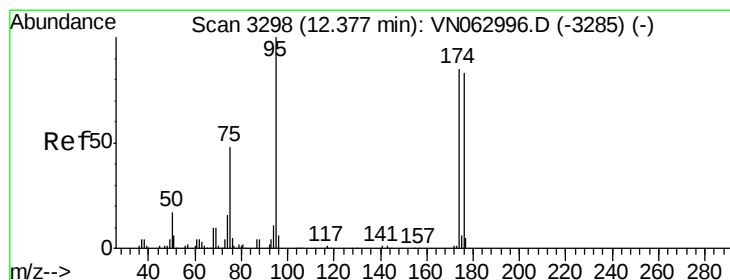
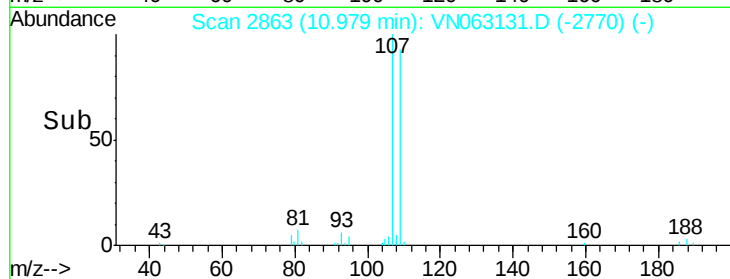
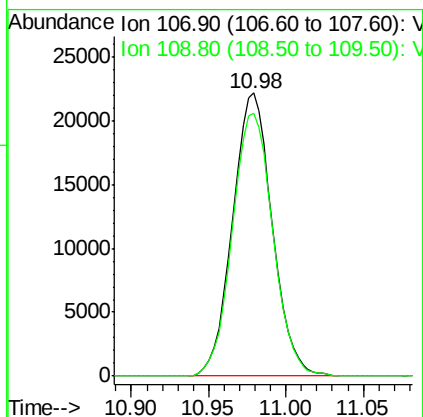
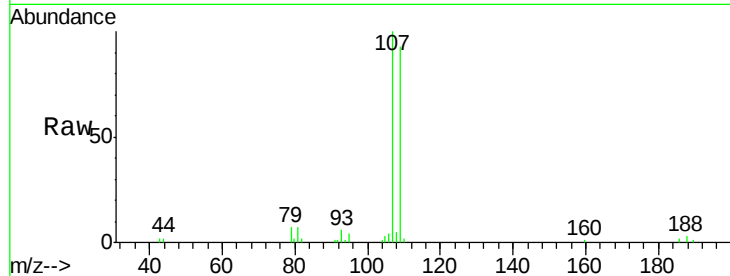




#61
 1,2-Dibromoethane
 Concen: 19.122 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

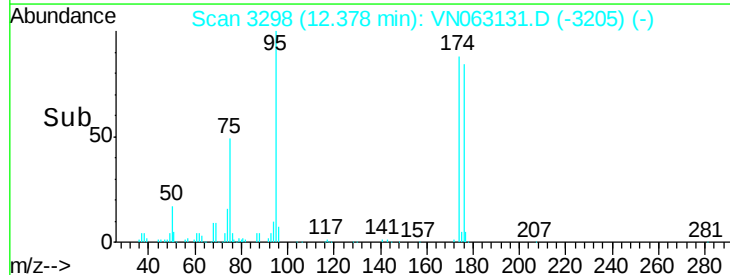
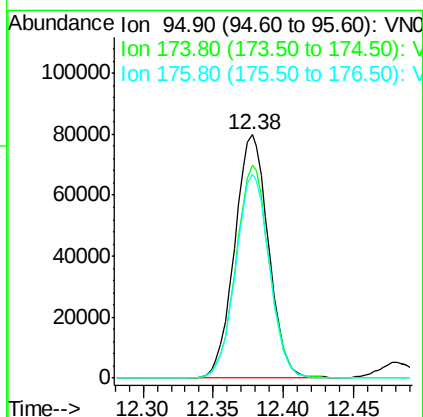
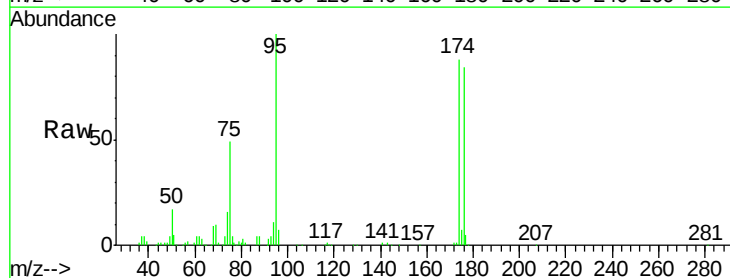
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

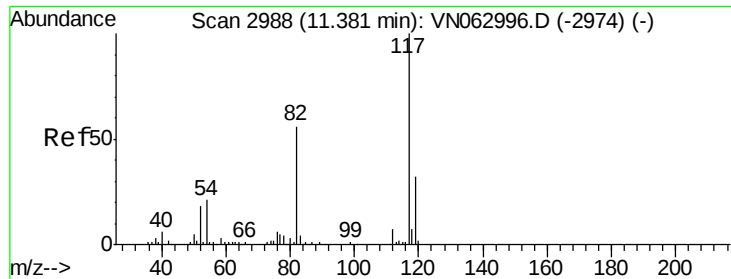
Tgt Ion: 107 Resp: 39432
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 51.182 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion: 95 Resp: 134564
 Ion Ratio Lower Upper
 95 100
 174 86.1 0.0 170.8
 176 83.4 0.0 164.8

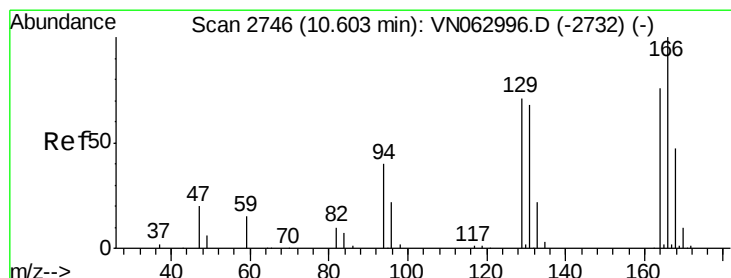
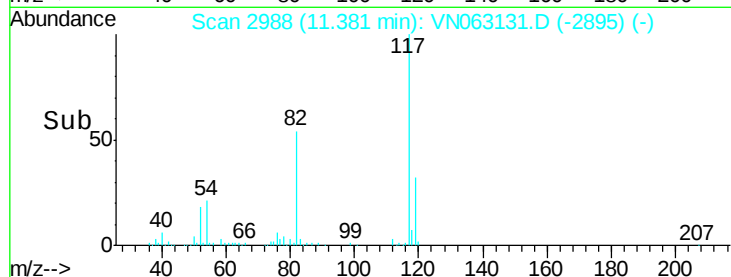
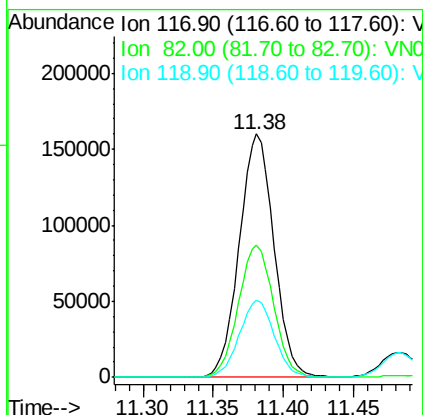
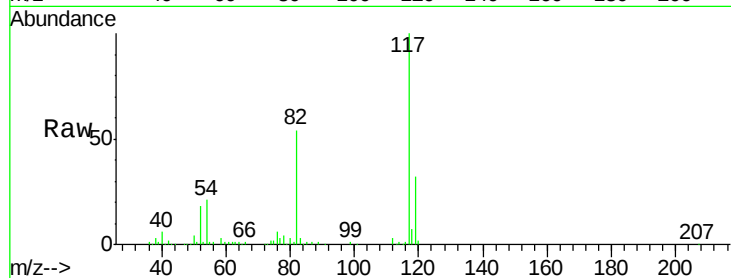




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

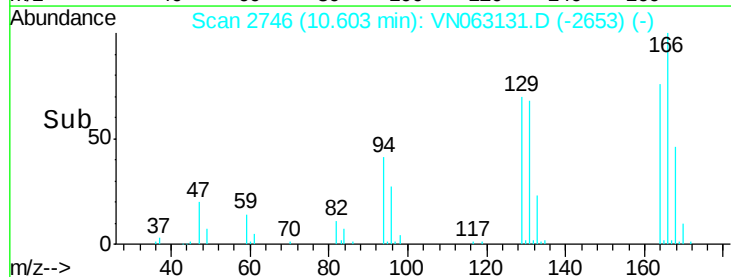
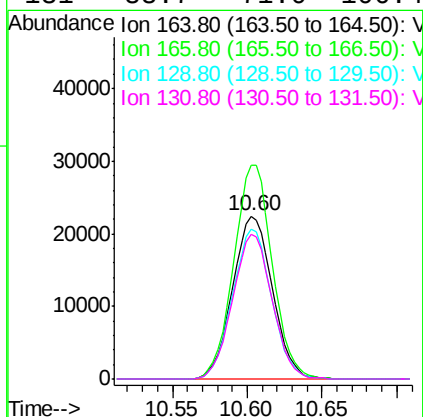
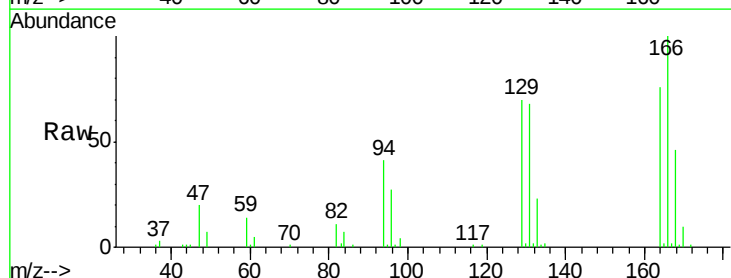
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

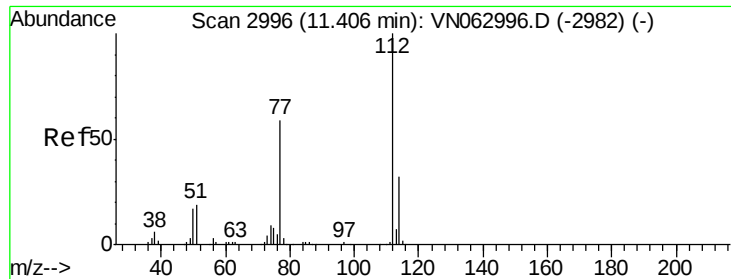
Tgt Ion:117 Resp: 275738
Ion Ratio Lower Upper
117 100
82 54.4 44.5 66.7
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 22.949 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion:164 Resp: 41597
Ion Ratio Lower Upper
164 100
166 131.1 105.0 157.6
129 92.2 74.7 112.1
131 88.7 71.0 106.4

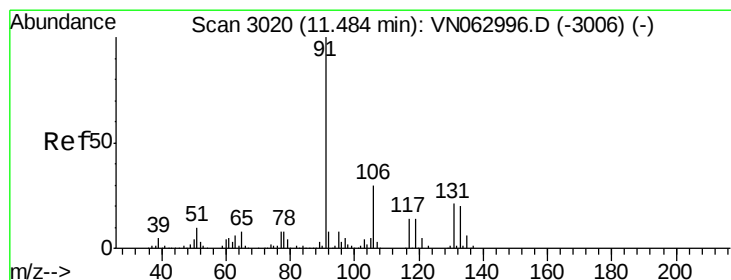
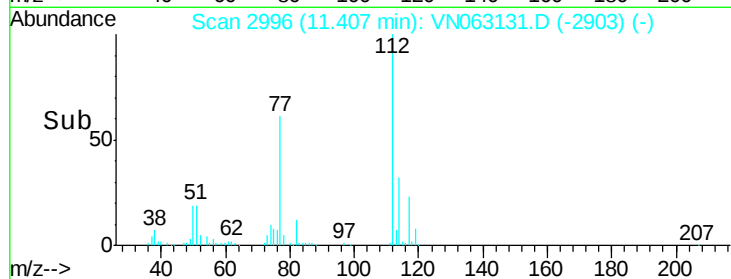
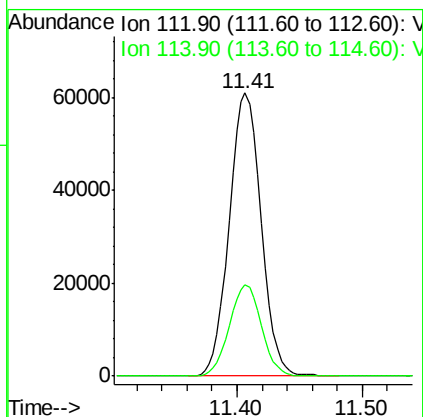
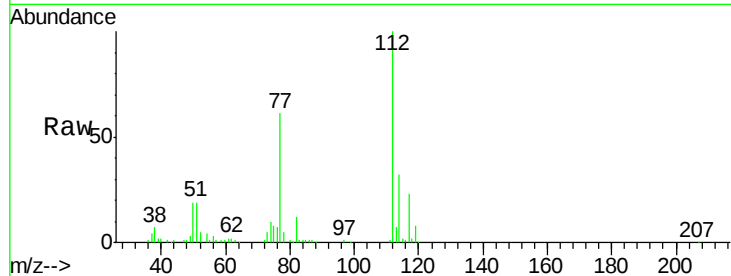




#65
Chlorobenzene
Concen: 19.434 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

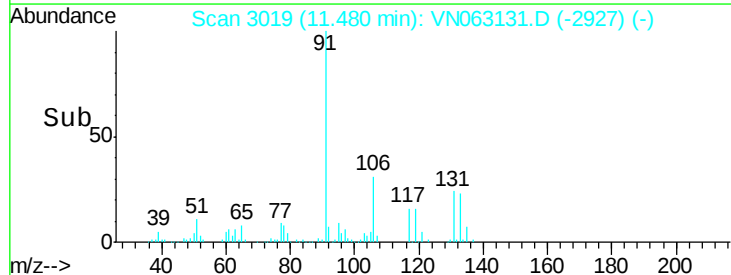
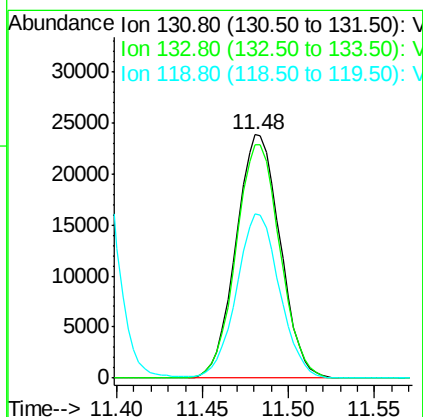
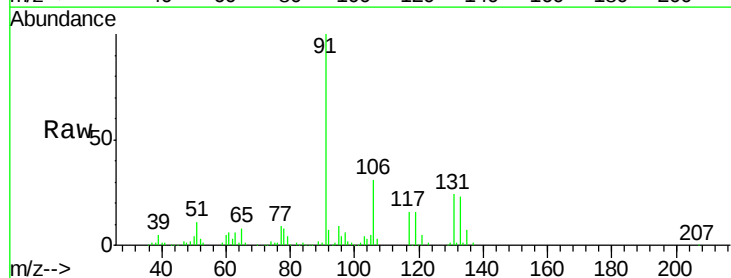
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

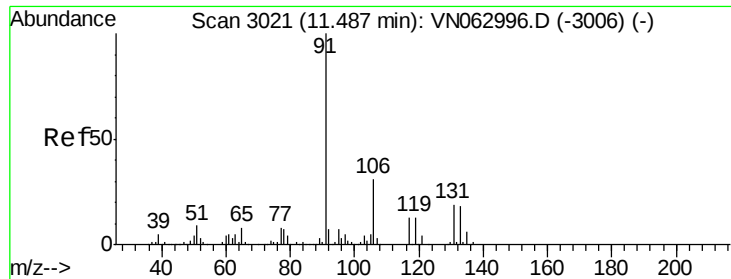
Tgt Ion:112 Resp: 107624
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.730 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion:131 Resp: 42498
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 65.9 33.1 99.3

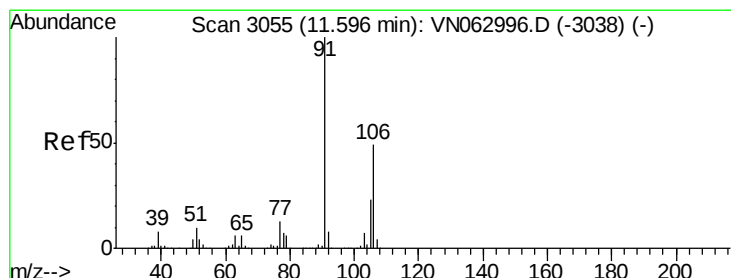
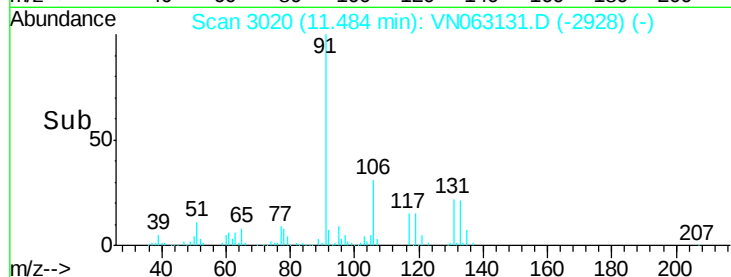
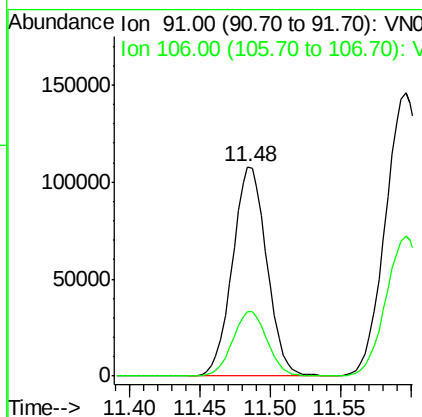
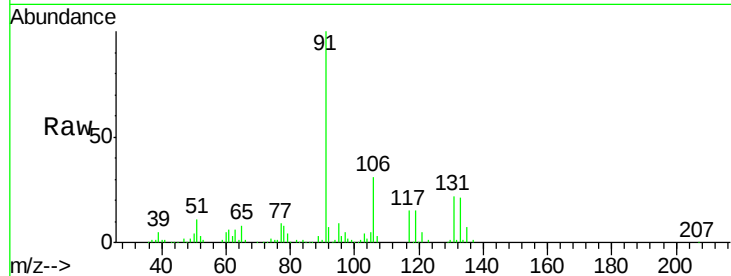




#67
Ethyl Benzene
Concen: 19.653 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

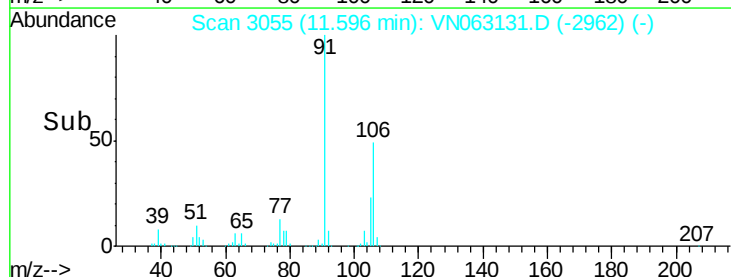
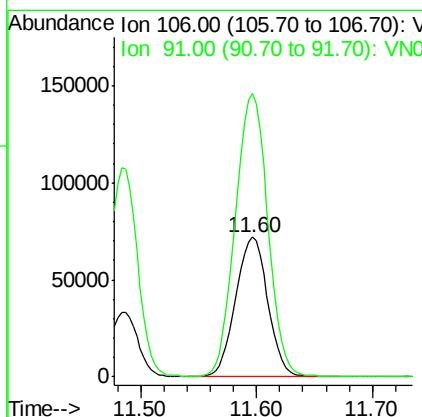
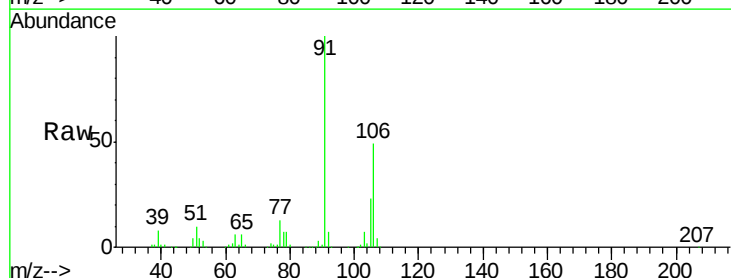
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

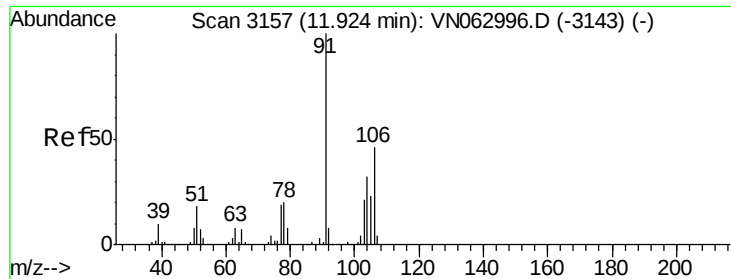
Tgt Ion: 91 Resp: 183897
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 39.897 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion: 106 Resp: 138753
Ion Ratio Lower Upper
106 100
91 204.9 163.0 244.4

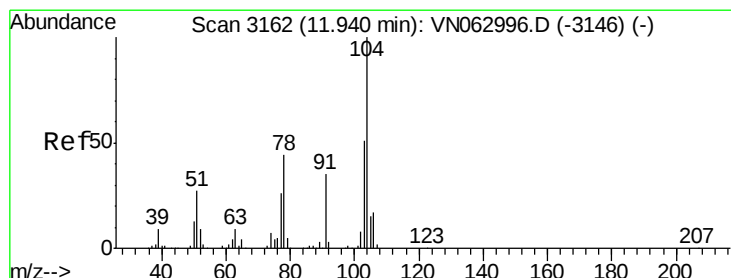
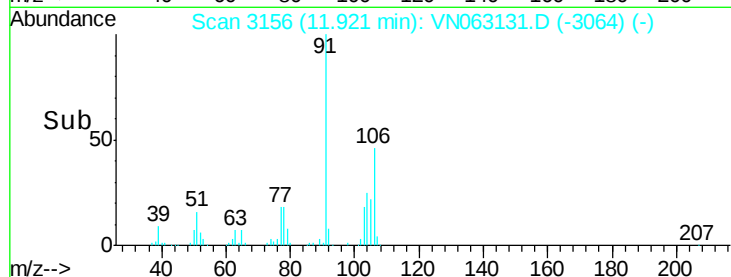
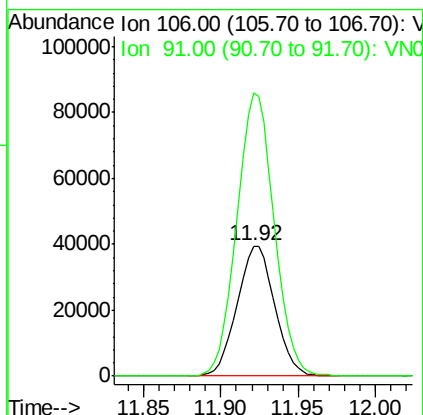
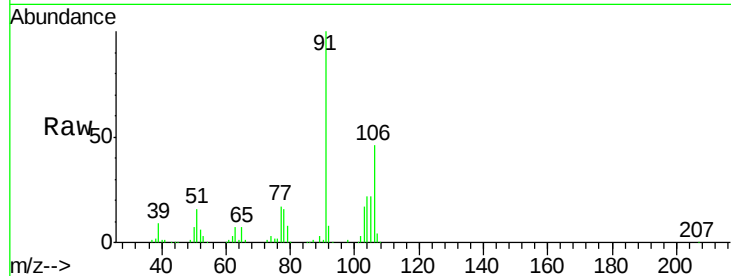




#69
o-Xylene
Concen: 19.930 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

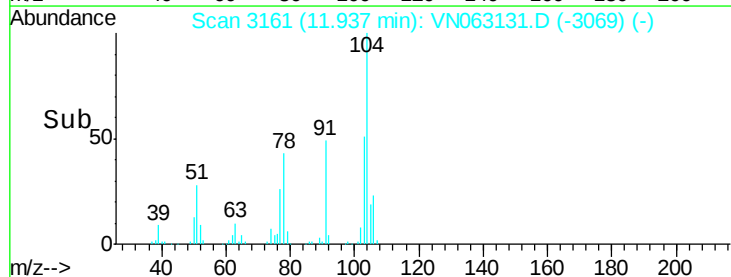
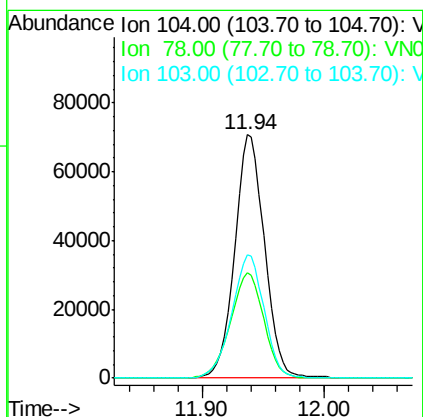
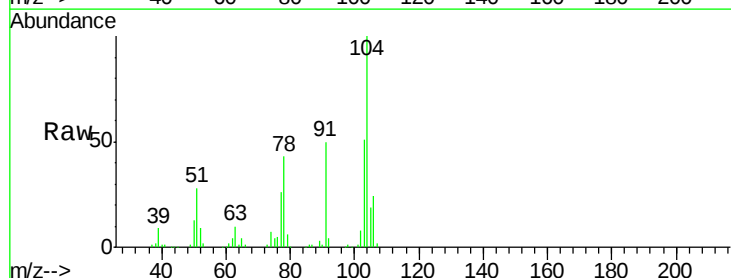
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

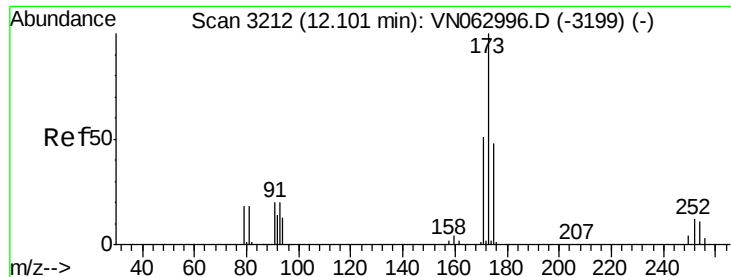
Tgt Ion:106 Resp: 66561
Ion Ratio Lower Upper
106 100
91 216.5 107.3 321.9



#70
Styrene
Concen: 19.282 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion:104 Resp: 119644
Ion Ratio Lower Upper
104 100
78 48.3 39.0 58.6
103 54.8 44.3 66.5





#71

Bromoform

Concen: 18.990 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

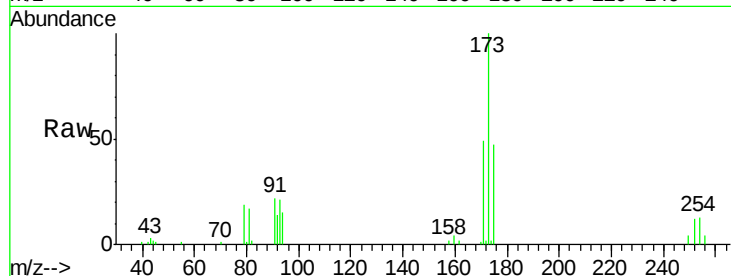
Tgt Ion:173 Resp: 32559

Ion Ratio Lower Upper

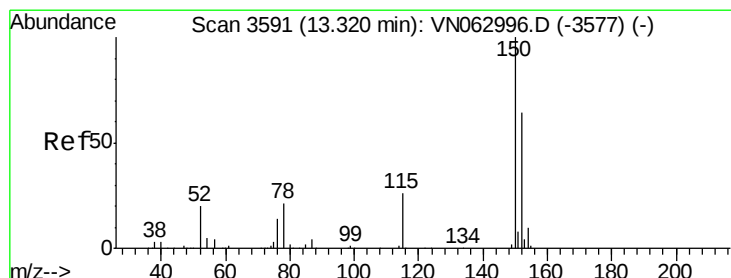
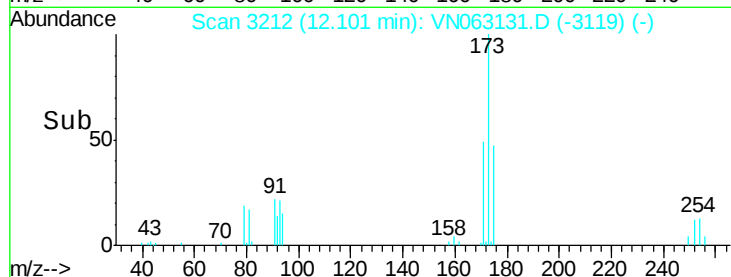
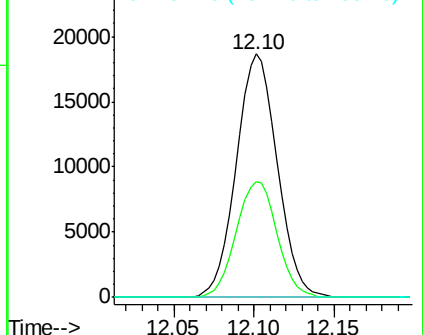
173 100

175 47.4 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: VN063131.D

Acq: 26 Aug 2020 14:25

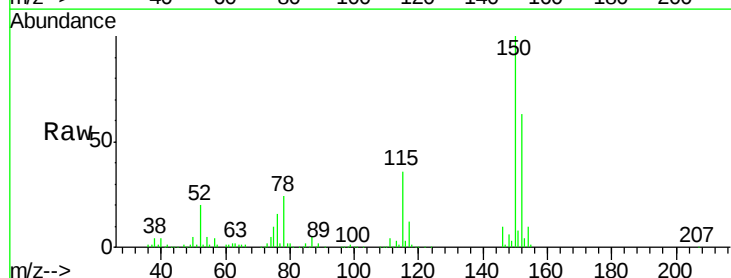
Tgt Ion:152 Resp: 135482

Ion Ratio Lower Upper

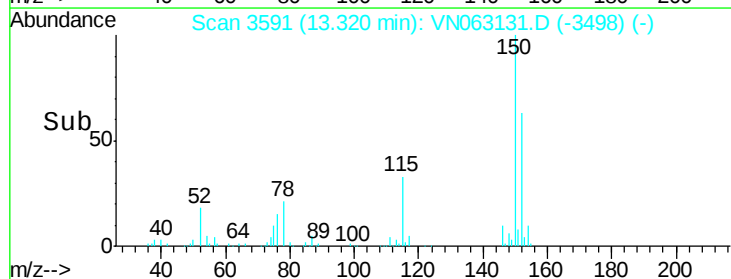
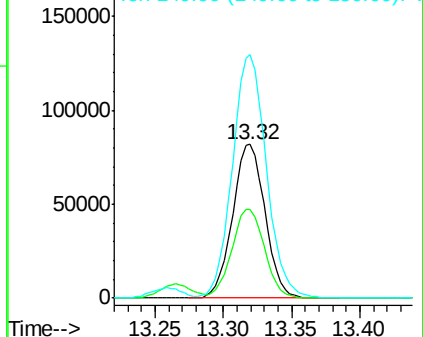
152 100

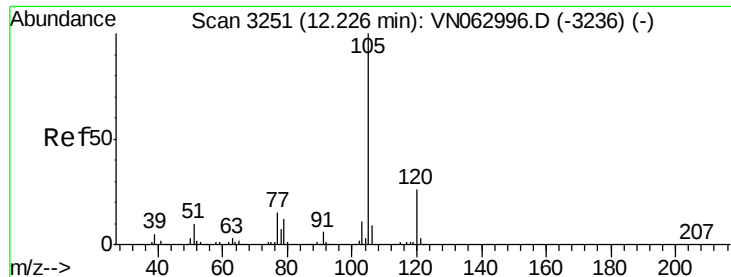
115 58.2 28.7 86.3

150 166.2 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

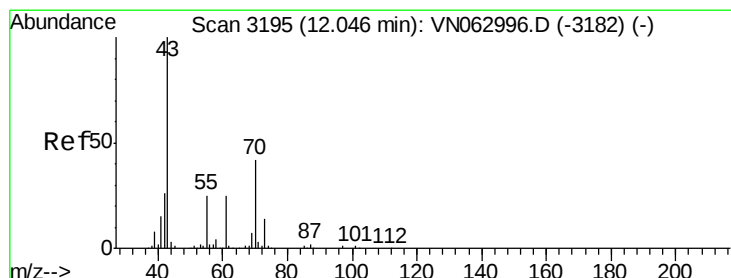
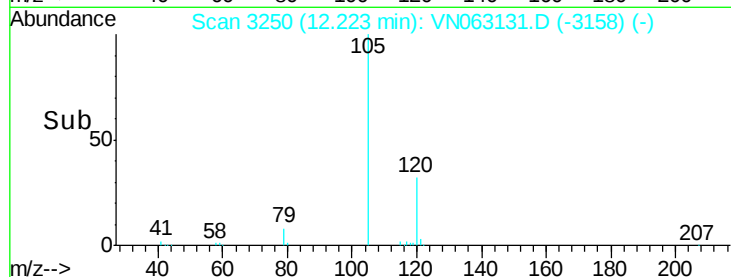
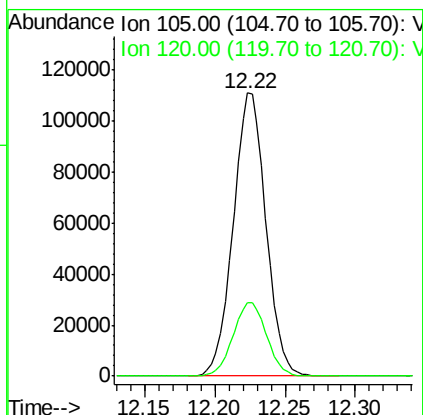
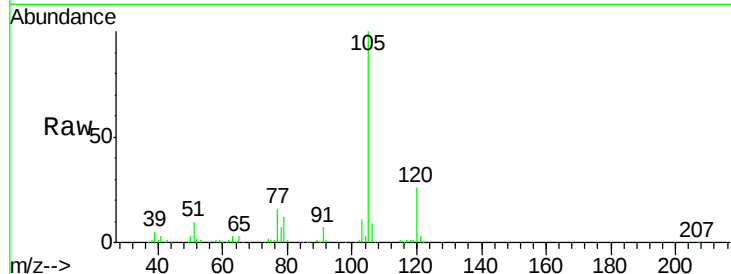




#73
Isopropylbenzene
Concen: 19.418 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

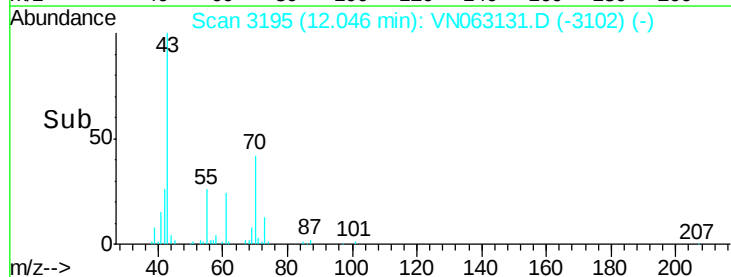
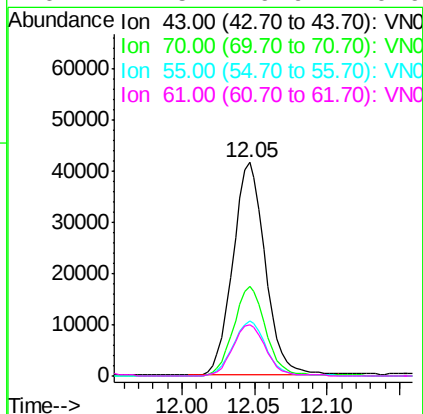
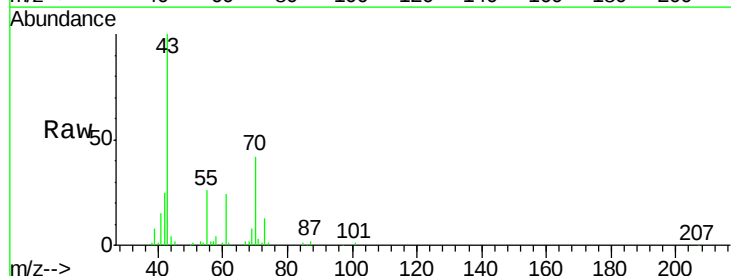
Instrument :
MSVOA_N
ClientSampleId :
VN0826WBS01

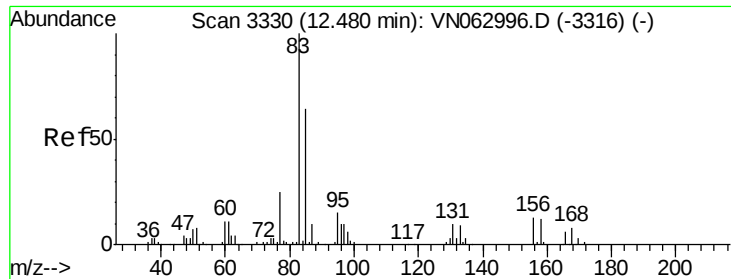
Tgt Ion: 105 Resp: 180157
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.6



#74
N-ethyl acetate
Concen: 19.477 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion: 43 Resp: 64720
Ion Ratio Lower Upper
43 100
70 42.2 33.4 50.0
55 26.3 20.2 30.2
61 24.5 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 17.917 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampled :

VN0826WBS01

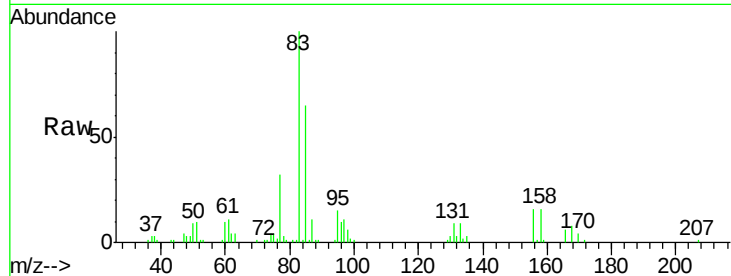
Tgt Ion: 83 Resp: 56877

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

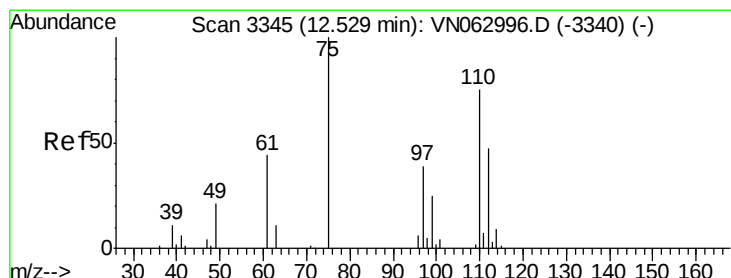
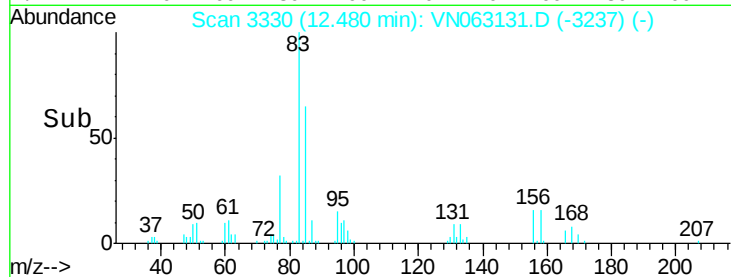
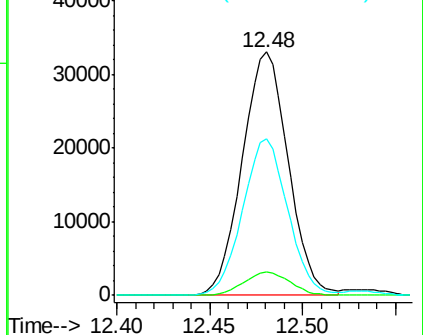
85 63.1 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 27.040 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN063131.D

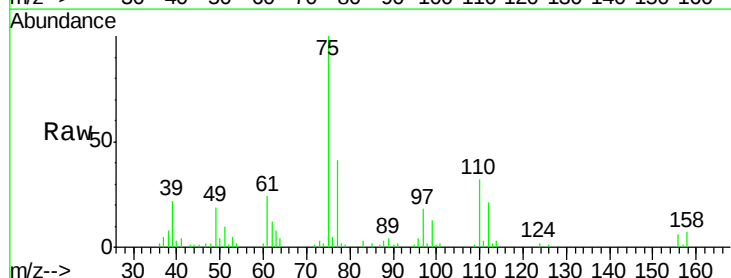
Acq: 26 Aug 2020 14:25

Tgt Ion: 75 Resp: 71208

Ion Ratio Lower Upper

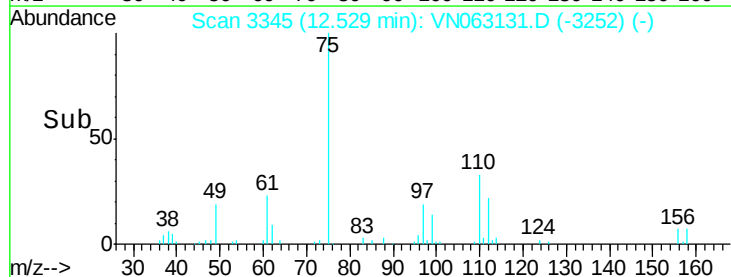
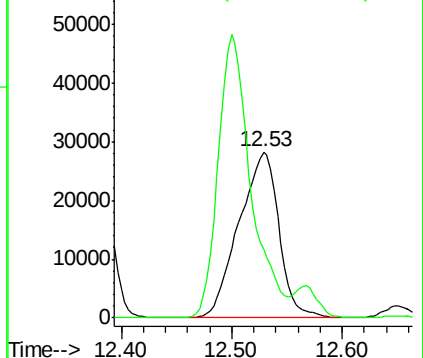
75 100

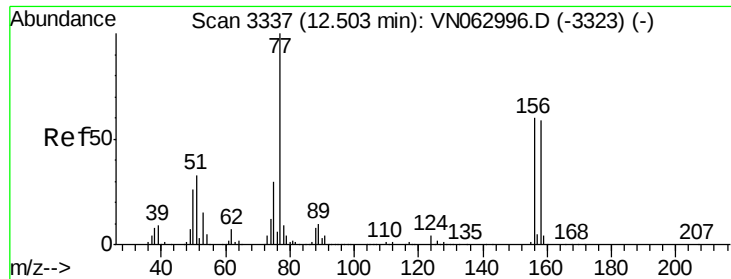
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.345 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampled :

VN0826WBS01

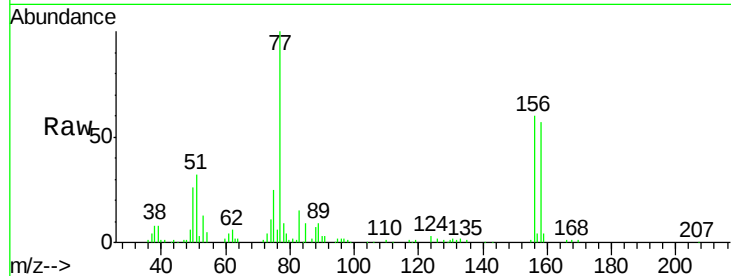
Tgt Ion:156 Resp: 49363

Ion Ratio Lower Upper

156 100

77 201.0 101.0 302.9

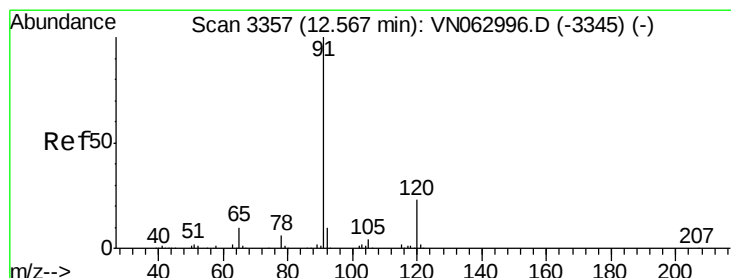
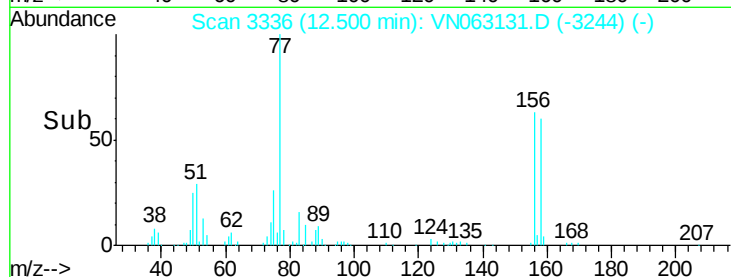
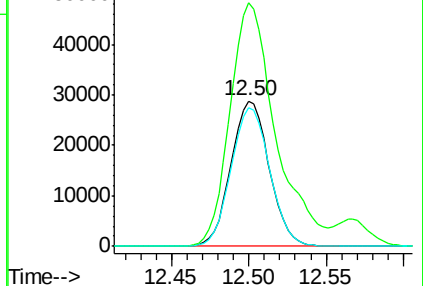
158 96.6 49.4 148.0



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: 19.992 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN063131.D

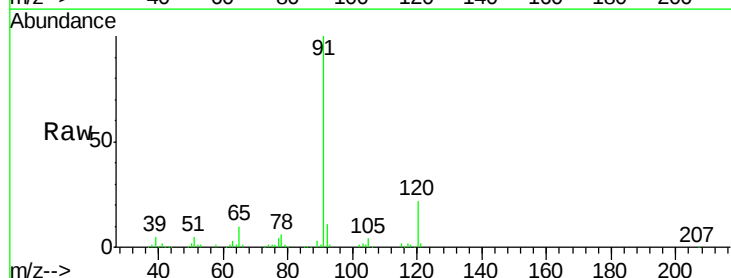
Acq: 26 Aug 2020 14:25

Tgt Ion: 91 Resp: 211420

Ion Ratio Lower Upper

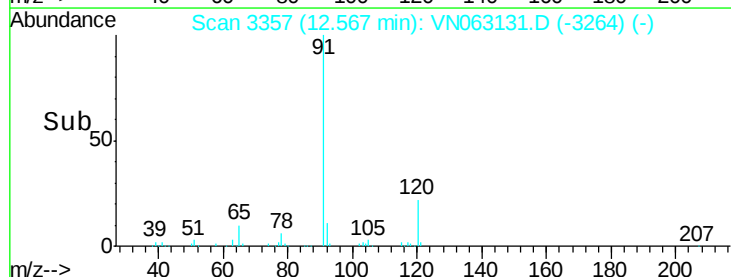
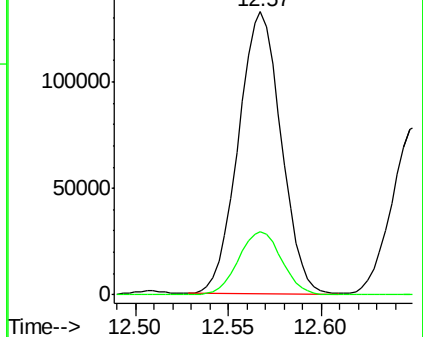
91 100

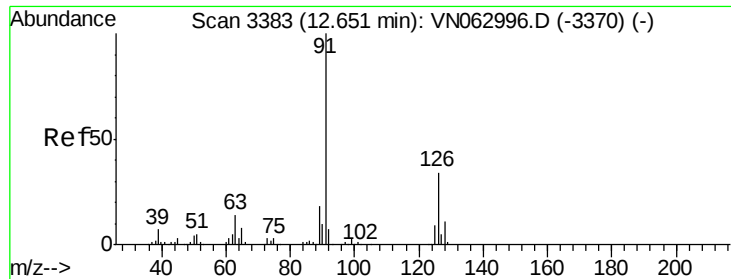
120 22.7 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

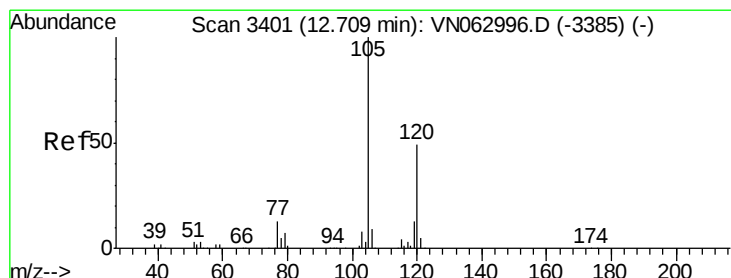
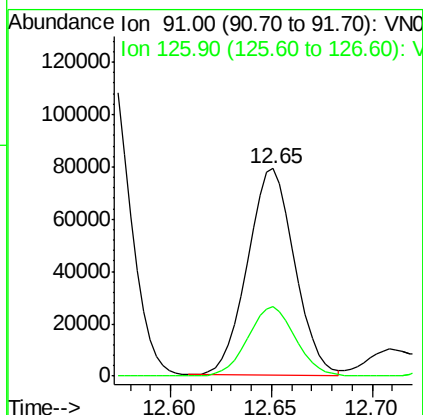
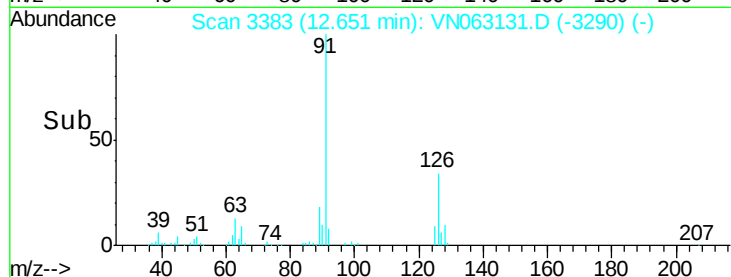
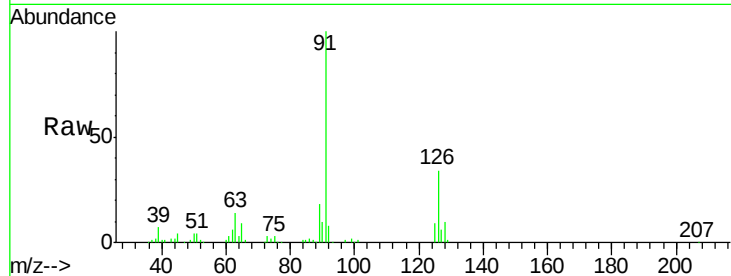




#79
 2-Chlorotoluene
 Concen: 19.335 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

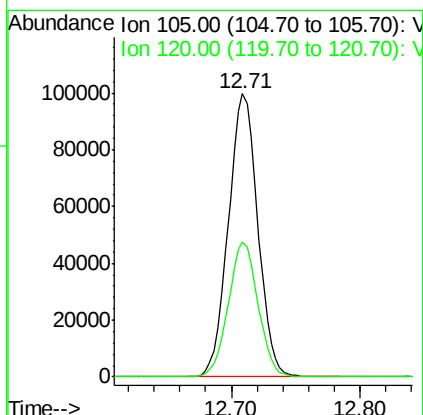
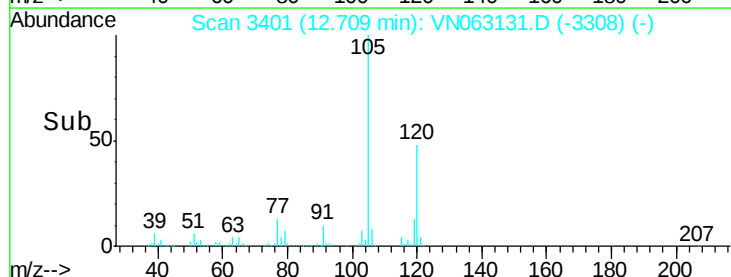
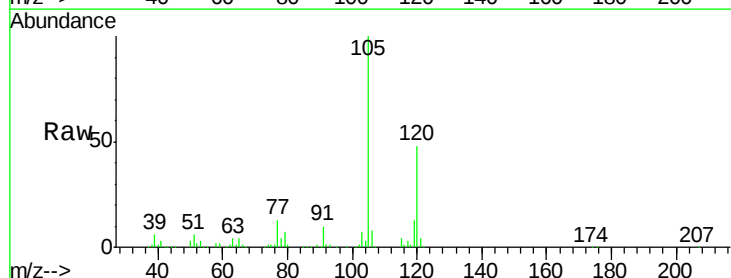
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

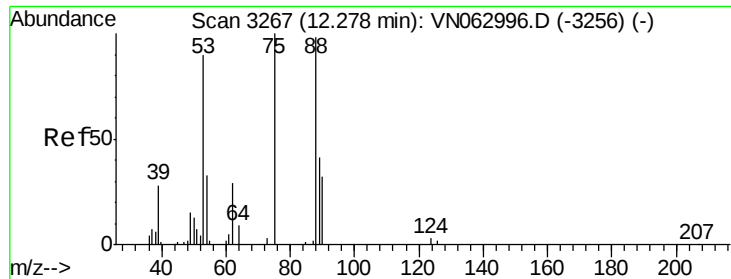
Tgt Ion: 91 Resp: 128608
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 20.567 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion: 105 Resp: 157742
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.219 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampleId :

VN0826WBS01

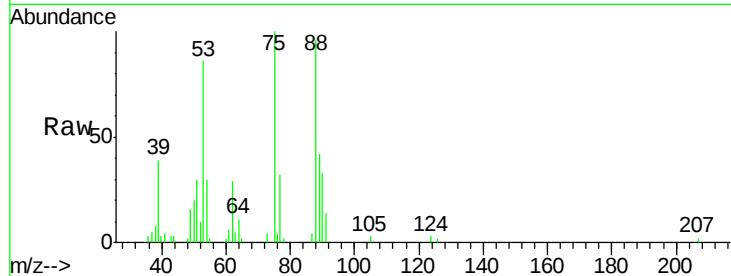
Tgt Ion: 75 Resp: 18428

Ion Ratio Lower Upper

75 100

53 86.6 69.2 103.8

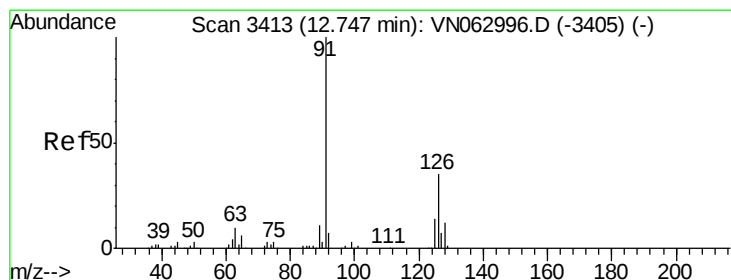
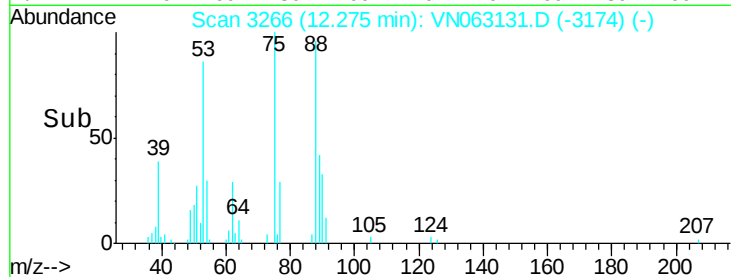
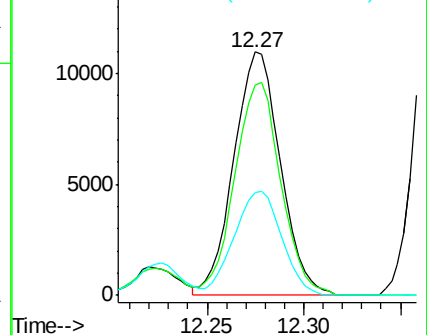
89 43.9 34.2 51.4



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: 20.074 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN063131.D

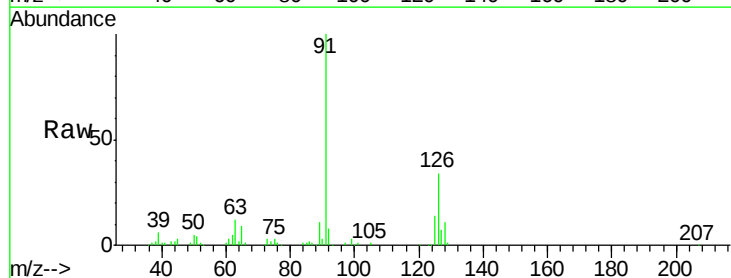
Acq: 26 Aug 2020 14:25

Tgt Ion: 91 Resp: 135960

Ion Ratio Lower Upper

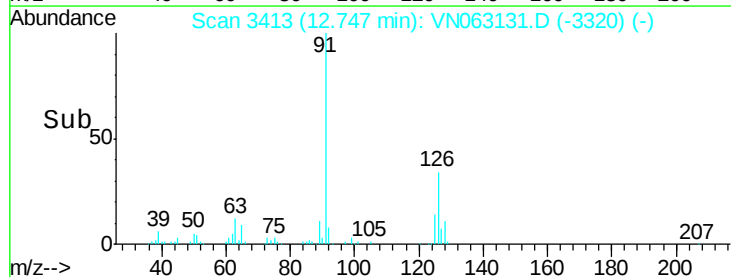
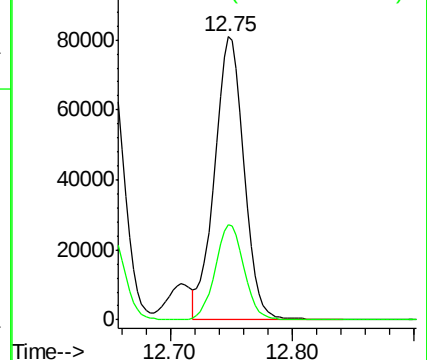
91 100

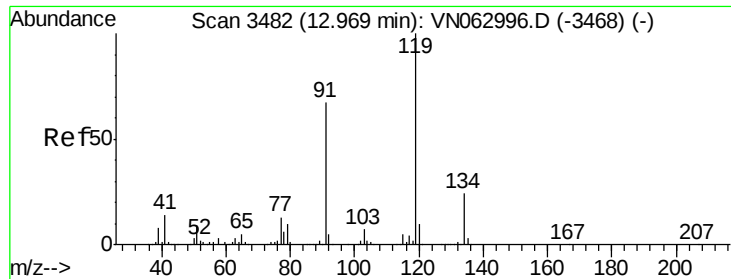
126 33.2 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

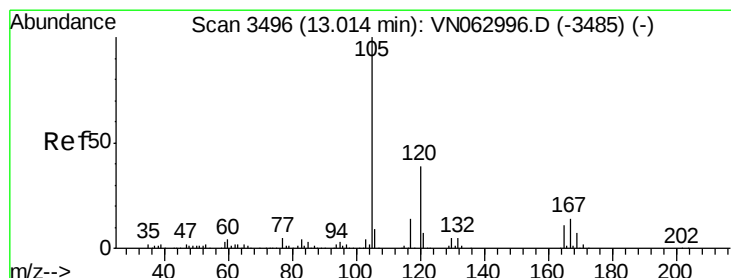
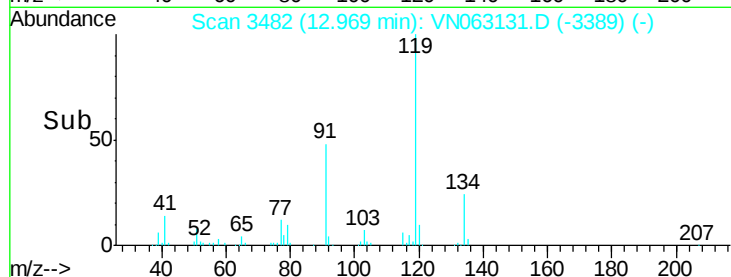
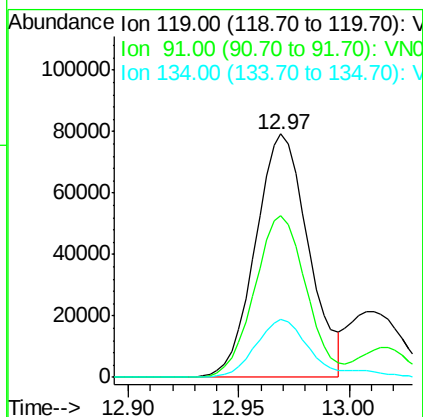
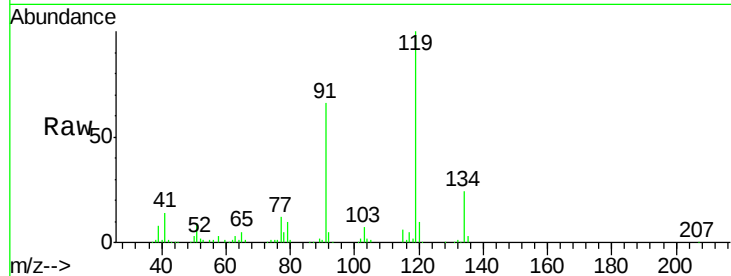




#83
 tert-Butylbenzene
 Concen: 19.929 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

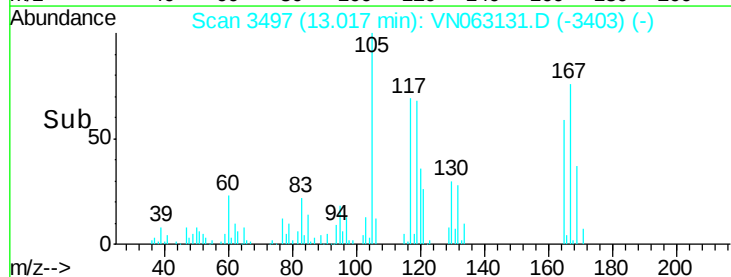
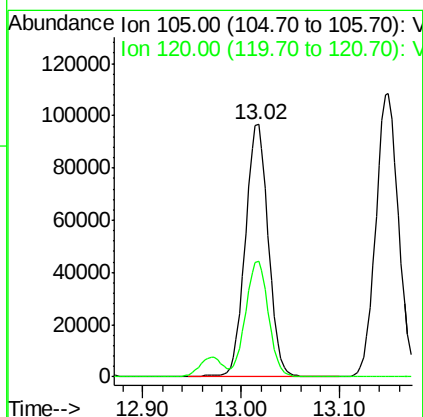
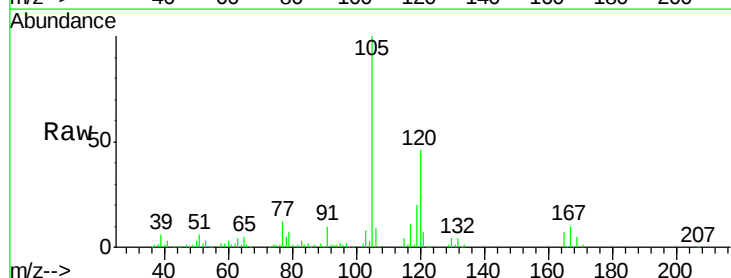
Instrument :
 MSVOA_N
 ClientSampled :
 VN0826WBS01

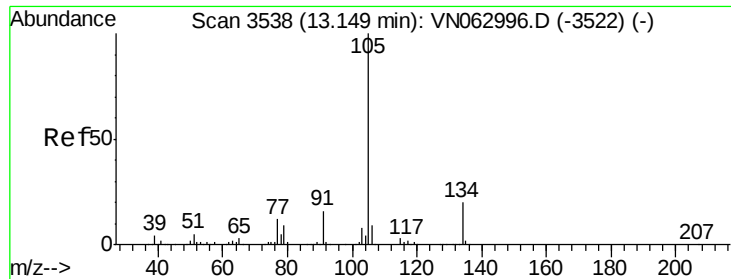
Tgt Ion:119 Resp: 131922
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.5 97.4
 134 25.2 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.872 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion:105 Resp: 155950
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.5 67.5

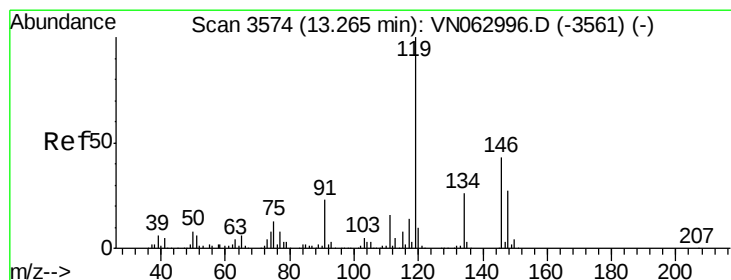
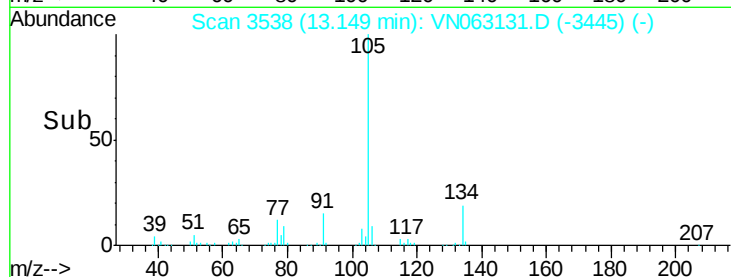
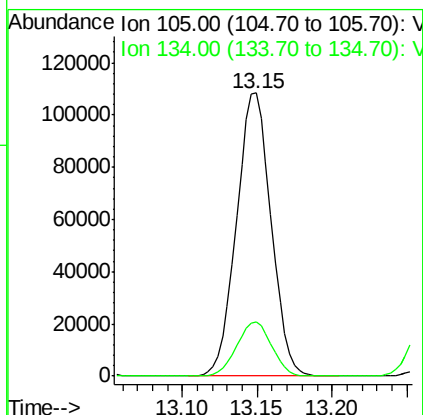
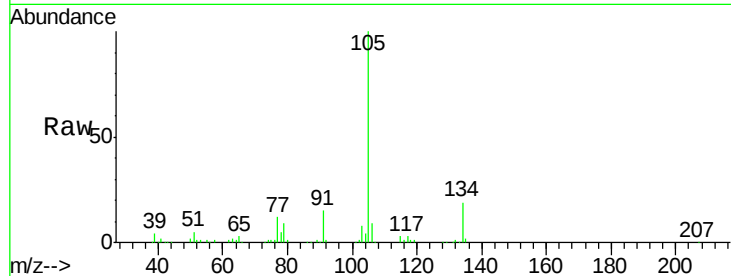




#85
 sec-Butylbenzene
 Concen: 19.540 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

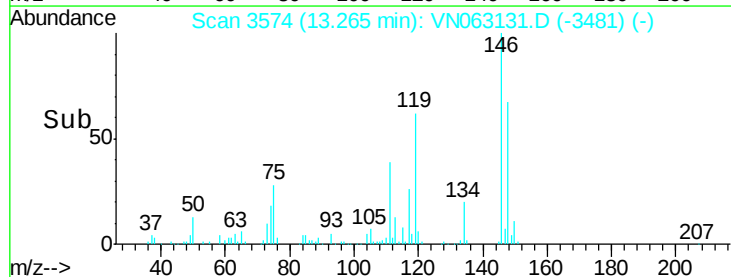
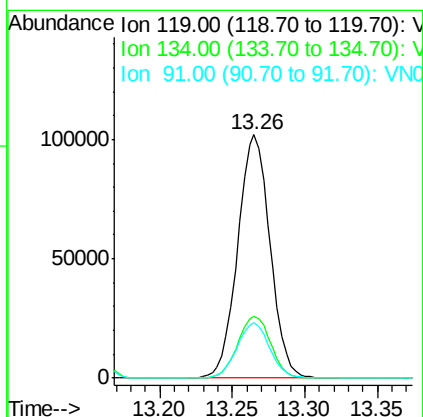
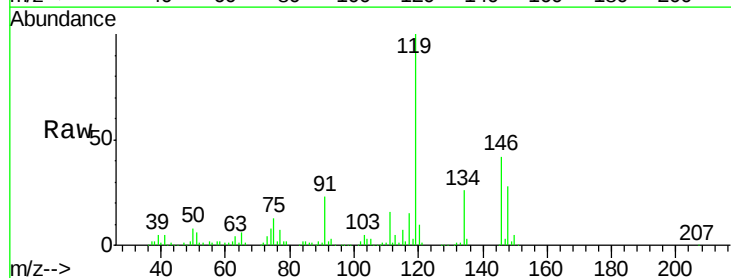
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

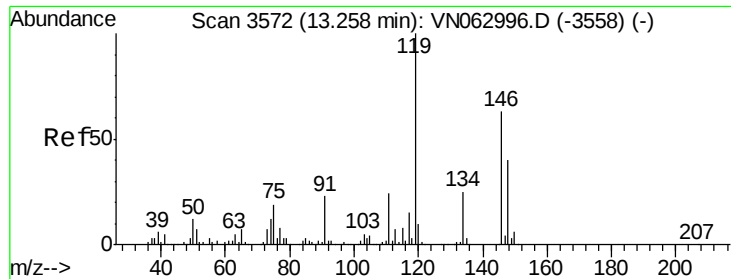
Tgt Ion:105 Resp: 174813
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.250 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion:119 Resp: 157856
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 23.1 11.5 34.4

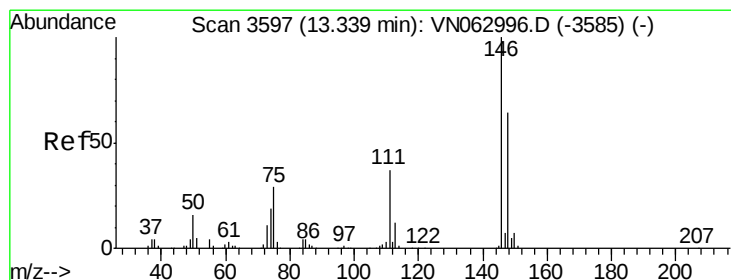
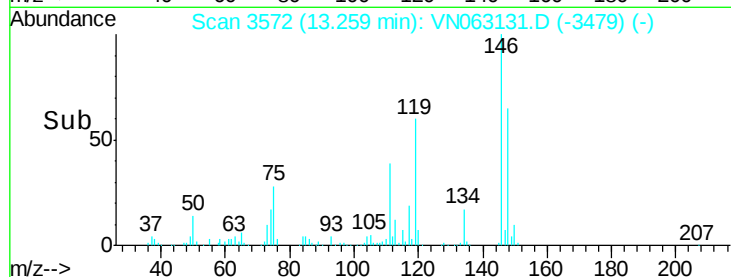
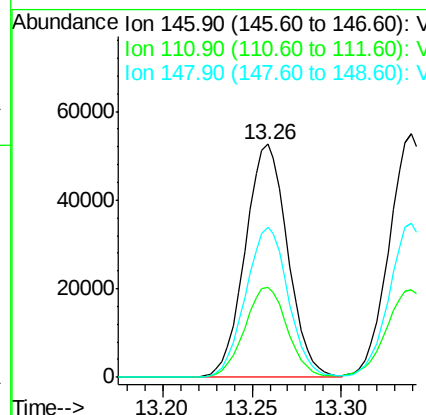
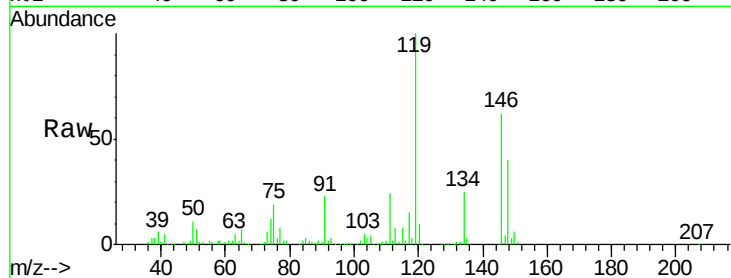




#87
 1,3-Dichlorobenzene
 Concen: 19.946 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

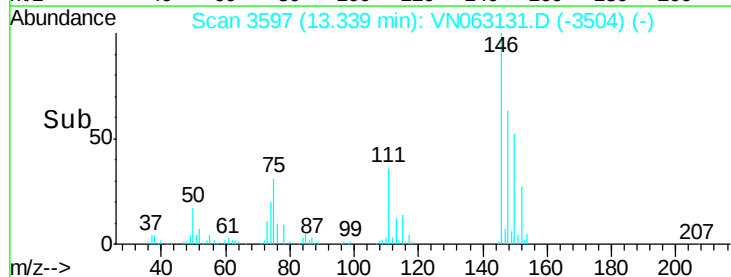
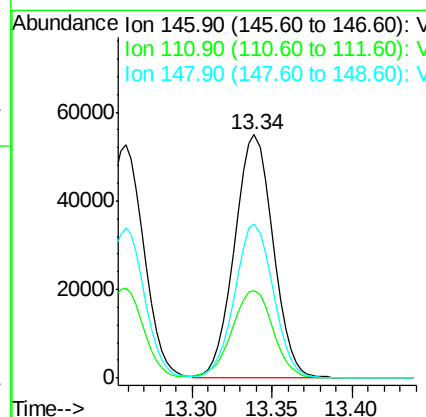
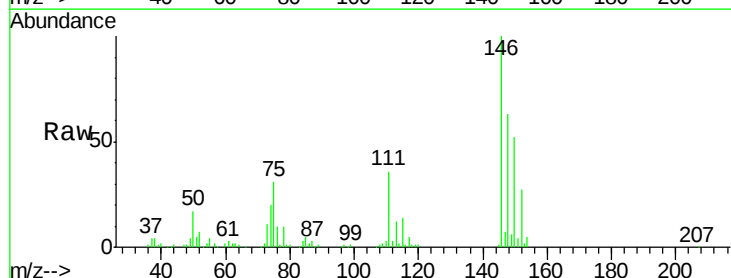
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

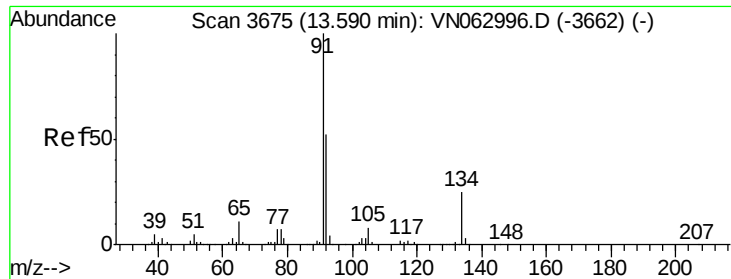
Tgt Ion:146 Resp: 87469
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.1
 148 64.8 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.192 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion:146 Resp: 89875
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.8 56.4
 148 64.0 32.4 97.0

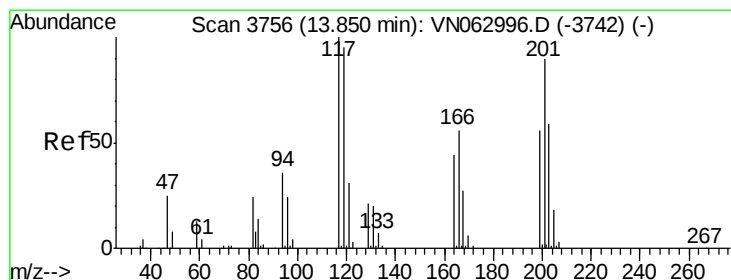
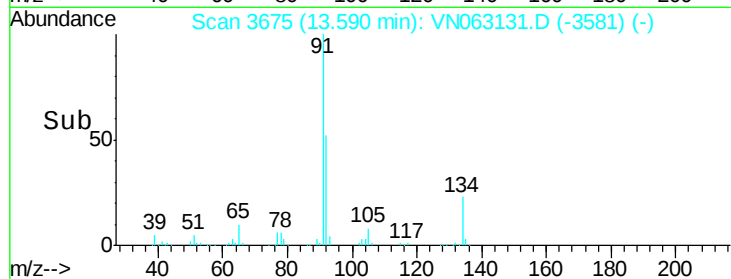
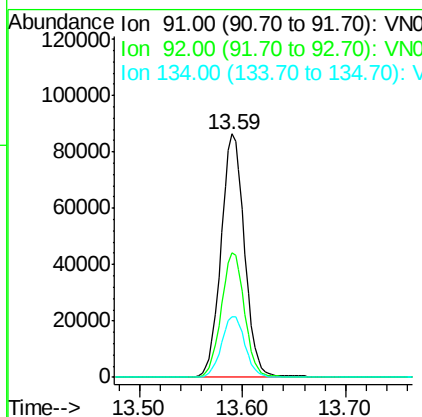
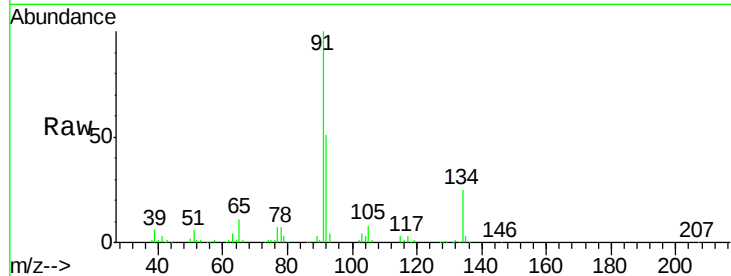




#89
n-Butylbenzene
Concen: 20.260 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

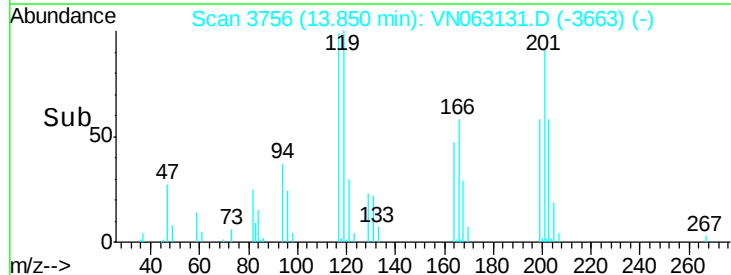
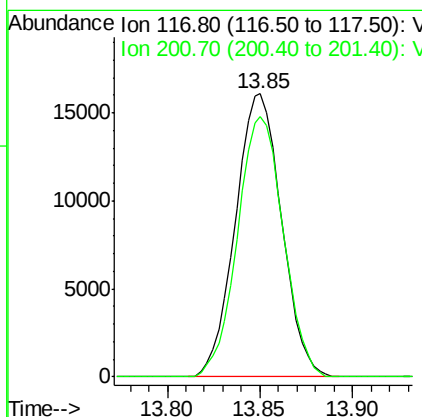
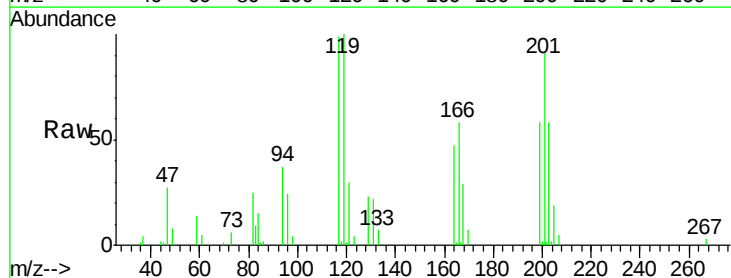
Instrument :
MSVOA_N
ClientSampled :
VN0826WBS01

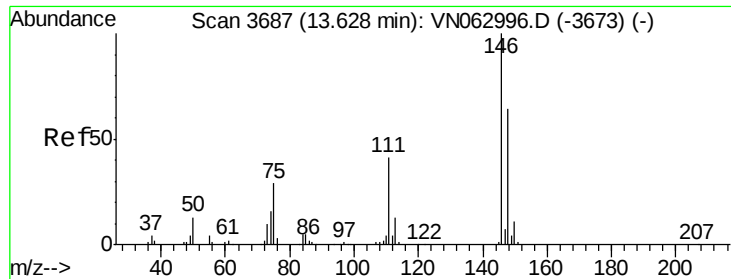
Tgt Ion: 91 Resp: 136791
Ion Ratio Lower Upper
91 100
92 50.9 25.9 77.6
134 25.1 12.4 37.0



#90
Hexachloroethane
Concen: 16.772 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion: 117 Resp: 27788
Ion Ratio Lower Upper
117 100
201 91.0 44.1 132.4





#91

1,2-Dichlorobenzene

Concen: 20.855 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

Instrument :

MSVOA_N

ClientSampled :

VN0826WBS01

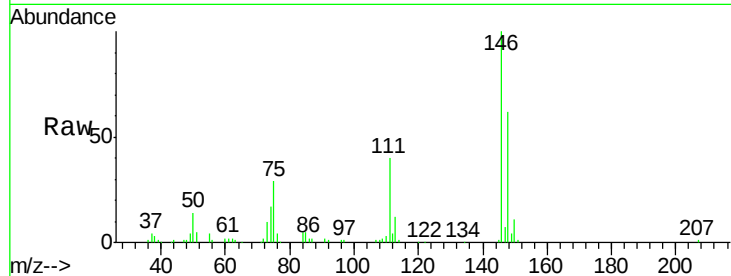
Tgt Ion:146 Resp: 88343

Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

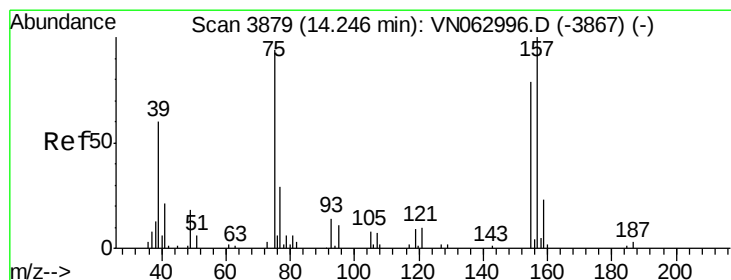
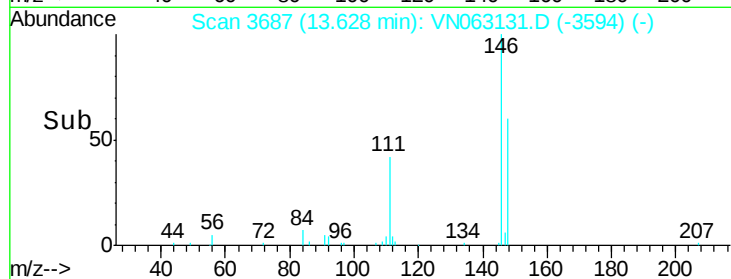
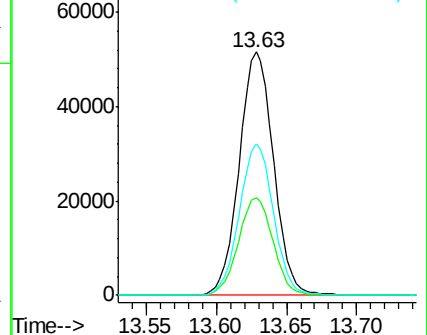
148 61.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.061 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN063131.D

Acq: 26 Aug 2020 14:25

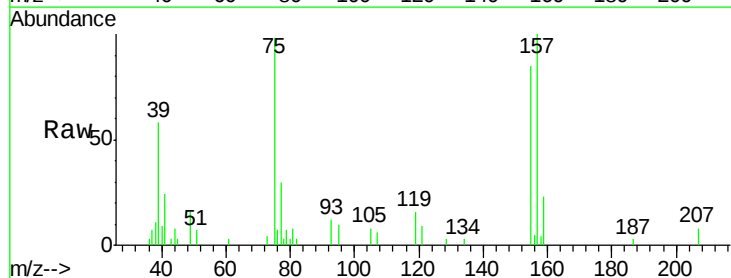
Tgt Ion: 75 Resp: 9841

Ion Ratio Lower Upper

75 100

155 87.1 42.4 127.1

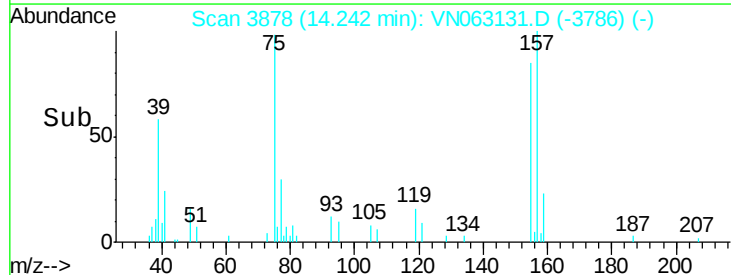
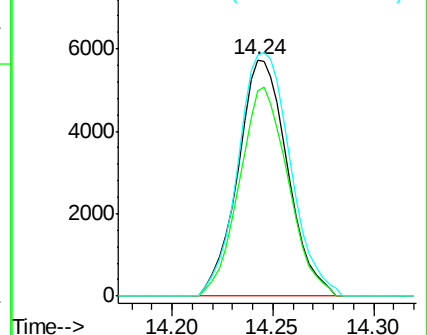
157 108.8 55.2 165.6

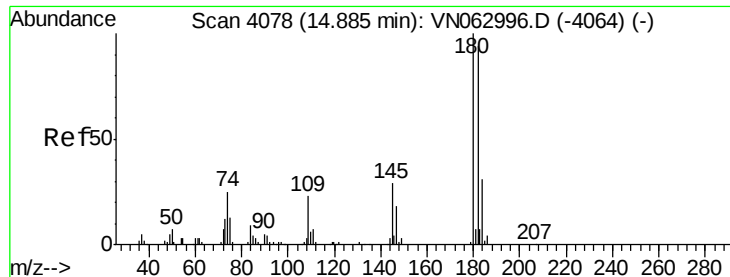


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

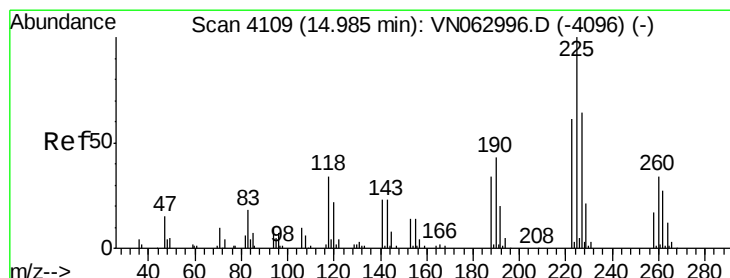
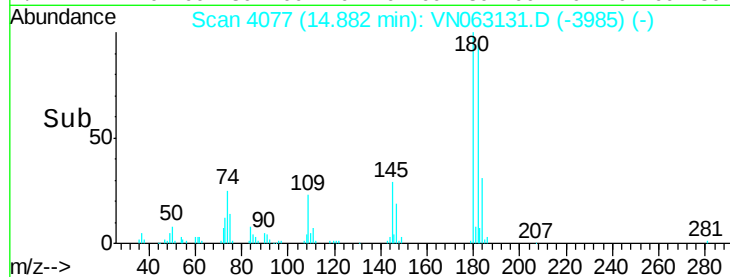
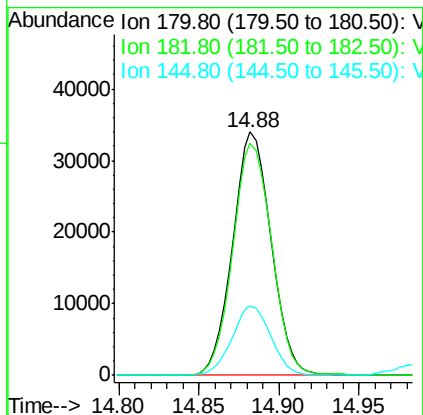
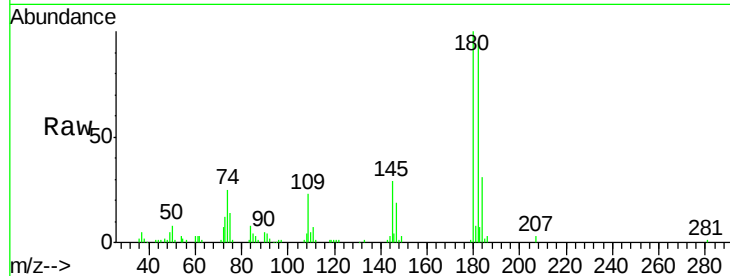




#93
 1,2,4-Trichlorobenzene
 Concen: 26.084 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

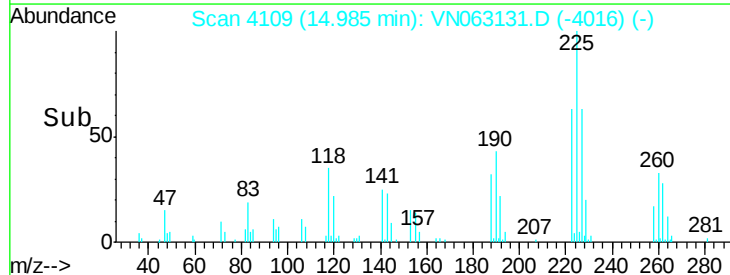
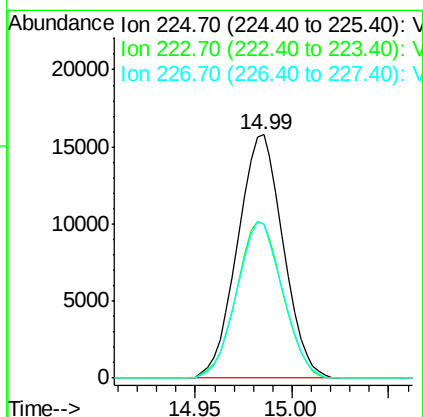
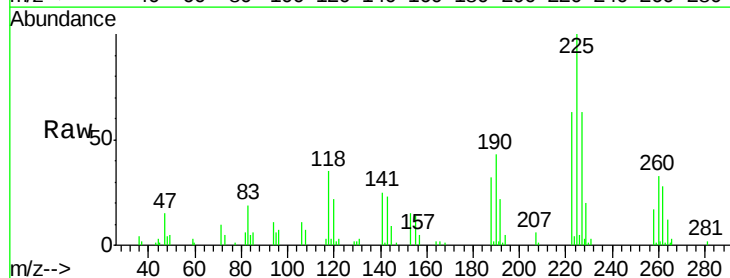
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0826WBS01

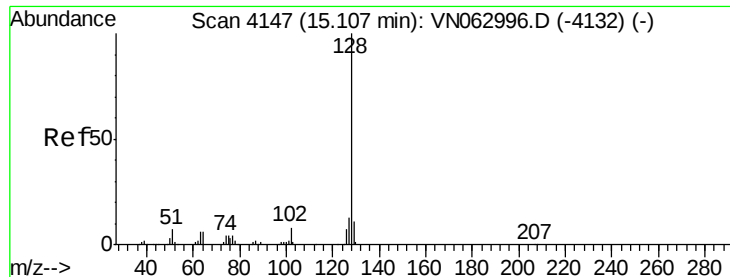
Tgt Ion:180 Resp: 55632
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.0 141.2
 145 28.6 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 16.559 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN063131.D
 Acq: 26 Aug 2020 14:25

Tgt Ion:225 Resp: 25919
 Ion Ratio Lower Upper
 225 100
 223 64.8 30.9 92.5
 227 64.4 31.9 95.9

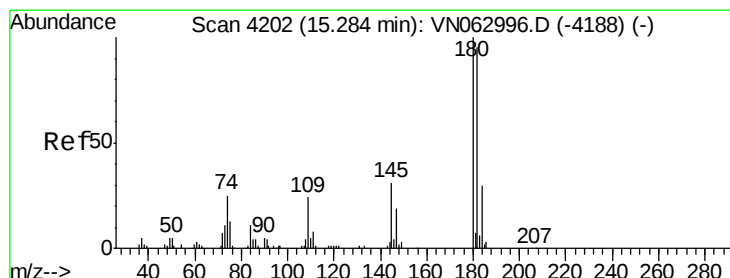
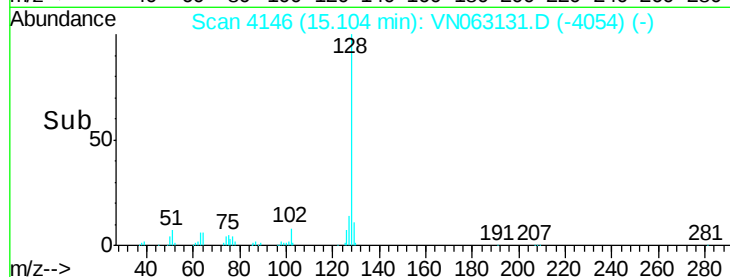
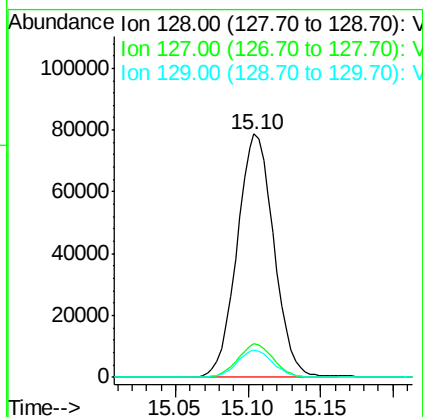
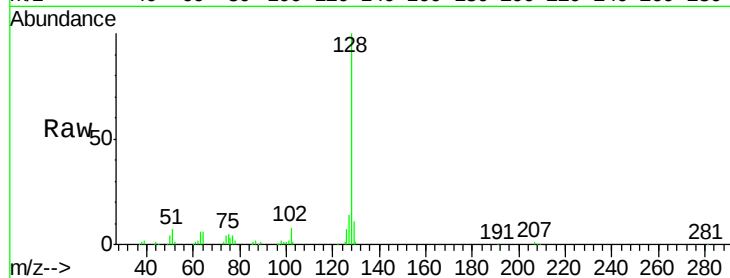




#95
Naphthalene
Concen: 28.394 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Instrument :
MSVOA_N
ClientSampled :
VN0826WBS01

Tgt Ion:128 Resp: 138633
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 25.516 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN063131.D
Acq: 26 Aug 2020 14:25

Tgt Ion:180 Resp: 53877
Ion Ratio Lower Upper
180 100
182 96.5 47.3 141.9
145 29.9 15.6 46.7

