

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
 Data File : VN063286.D
 Acq On : 9 Sep 2020 16:40
 Operator : JC/MD
 Sample : VN0909WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Quant Time: Sep 10 03:54:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	457079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	829702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	752132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	332640	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	351058	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	7.55	113	255166	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	10.06	98	980124	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	12.38	95	365542	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	75677	16.812	ug/l 97
3) Chloromethane	2.04	50	107224	16.358	ug/l 98
4) Vinyl Chloride	2.17	62	110343	15.240	ug/l 100
5) Bromomethane	2.54	94	68972	11.316	ug/l 96
6) Chloroethane	2.68	64	72345	12.567	ug/l 99
7) Trichlorofluoromethane	2.99	101	165362	13.756	ug/l 94
8) Diethyl Ether	3.38	74	63757	18.404	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	89603	18.206	ug/l 96
10) Methyl Iodide	3.91	142	114644	17.080	ug/l 99
11) Tert butyl alcohol	4.72	59	86252	94.041	ug/l 100
12) 1,1-Dichloroethene	3.70	96	88655	17.679	ug/l 98
13) Acrolein	3.57	56	17515	62.765	ug/l 96
14) Allyl chloride	4.28	41	173172	19.443	ug/l 96
15) Acrylonitrile	4.93	53	234582	92.835	ug/l 99
16) Acetone	3.78	43	205461	96.731	ug/l 99
17) Carbon Disulfide	4.01	76	231873	15.534	ug/l 99
18) Methyl Acetate	4.28	43	124661	22.890	ug/l 94
19) Methyl tert-butyl Ether	4.99	73	326756	17.564	ug/l 99
20) Methylene Chloride	4.51	84	108835	17.907	ug/l 95
21) trans-1,2-Dichloroethene	4.99	96	96456	17.409	ug/l 97
22) Diisopropyl ether	5.90	45	370657	18.571	ug/l 97
23) Vinyl Acetate	5.84	43	1488429	93.463	ug/l 96
24) 1,1-Dichloroethane	5.80	63	197903	17.987	ug/l 99
25) 2-Butanone	6.78	43	327013	99.430	ug/l 96
26) 2,2-Dichloropropane	6.78	77	163429	16.394	ug/l 96
27) cis-1,2-Dichloroethene	6.78	96	114760	17.041	ug/l 97
28) Bromochloromethane	7.15	49	111469	19.391	ug/l 100
29) Tetrahydrofuran	7.17	42	223170	98.135	ug/l 96
30) Chloroform	7.33	83	198551	17.248	ug/l 99
31) Cyclohexane	7.61	56	177101	17.112	ug/l 93
32) 1,1,1-Trichloroethane	7.53	97	172855	17.426	ug/l 99
36) 1,1-Dichloropropene	7.75	75	142907	17.916	ug/l 99
37) Ethyl Acetate	6.88	43	143365	19.270	ug/l # 94
38) Carbon Tetrachloride	7.74	117	145920	18.039	ug/l 97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	154359	17.226	ug/l	95
40) Benzene	8.01	78	429036	18.304	ug/l	100
41) Methacrylonitrile	7.16	41	205254	61.083	ug/l #	20
42) 1,2-Dichloroethane	8.09	62	164700	18.811	ug/l	99
43) Isopropyl Acetate	8.13	43	253373	19.478	ug/l	98
44) Trichloroethene	8.80	130	111955	19.692	ug/l	94
45) 1,2-Dichloropropane	9.09	63	117236	18.891	ug/l	100
46) Dibromomethane	9.17	93	76612	18.628	ug/l	99
47) Bromodichloromethane	9.37	83	162484	18.432	ug/l	99
48) Methyl methacrylate	9.17	41	121809	20.772	ug/l	96
49) 1,4-Dioxane	9.17	88	34688	382.444	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	746577	105.616	ug/l	99
52) Toluene	10.13	92	267694	18.333	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	174239	18.070	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	188046	18.578	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	103519	18.512	ug/l	94
56) Ethyl methacrylate	10.40	69	162485	19.093	ug/l	97
57) 1,3-Dichloropropane	10.68	76	182248	18.295	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.67	63	431961	98.022	ug/l	96
59) 2-Hexanone	10.72	43	533106	107.312	ug/l	96
60) Dibromochloromethane	10.87	129	117034	18.931	ug/l	96
61) 1,2-Dibromoethane	10.98	107	106782	18.370	ug/l	97
64) Tetrachloroethene	10.60	164	113540	21.022	ug/l	97
65) Chlorobenzene	11.41	112	284735	18.796	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	103335	18.372	ug/l	98
67) Ethyl Benzene	11.49	91	517767	18.735	ug/l	99
68) m/p-Xylenes	11.59	106	375453	36.682	ug/l	98
69) o-Xylene	11.92	106	184734	18.683	ug/l	97
70) Styrene	11.94	104	303339	17.851	ug/l	97
71) Bromoform	12.10	173	71748	18.797	ug/l #	97
73) Isopropylbenzene	12.23	105	491368	19.259	ug/l	100
74) N-amyl acetate	12.04	43	215746	20.415	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	138893	18.883	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	195510	29.914	ug/l #	100
77) Bromobenzene	12.50	156	111497	19.323	ug/l	99
78) n-propylbenzene	12.57	91	565653	19.160	ug/l	99
79) 2-Chlorotoluene	12.65	91	340499	19.256	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	412347	19.417	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	47920	17.721	ug/l	93
82) 4-Chlorotoluene	12.75	91	352432	19.218	ug/l	99
83) tert-Butylbenzene	12.97	119	341474	18.749	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	408345	19.077	ug/l	100
85) sec-Butylbenzene	13.15	105	448837	18.909	ug/l	100
86) p-Isopropyltoluene	13.26	119	398880	18.928	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	200505	18.916	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	199808	18.205	ug/l	97
89) n-Butylbenzene	13.59	91	352862	18.125	ug/l	99
90) Hexachloroethane	13.85	117	65954	16.907	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	201035	19.544	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30923	19.122	ug/l	97

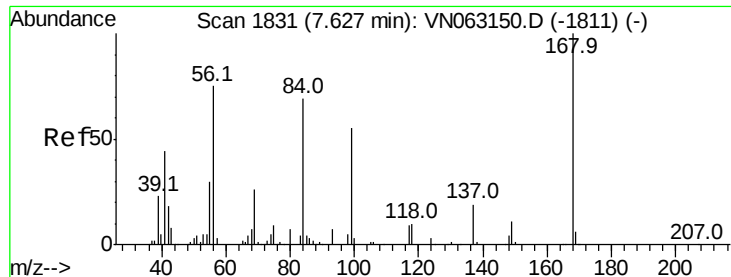
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090920\
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Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	106794	18.583	ug/l	99
94) Hexachlorobutadiene	14.98	225	41506	19.334	ug/l	97
95) Naphthalene	15.10	128	343891	17.936	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	103089	18.412	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

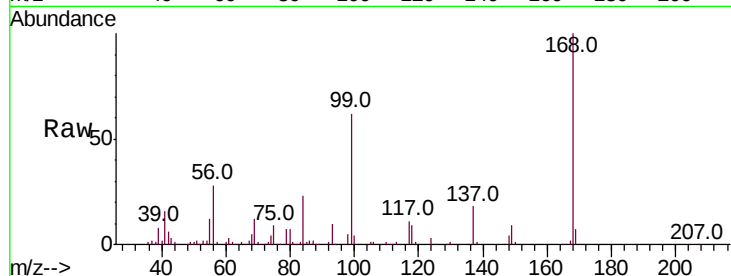
VN0909WBSD01

Tot Ion:168 Resp: 457079

Ion Ratio Lower Upper

168 100

99 61.9 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

200000

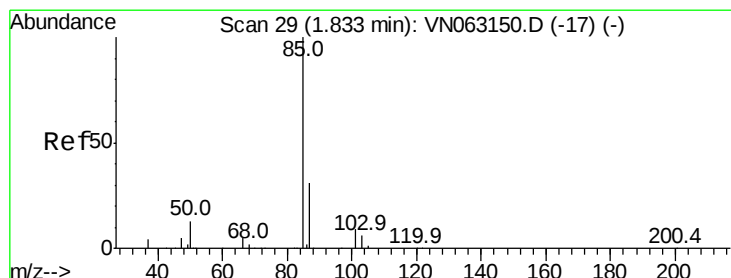
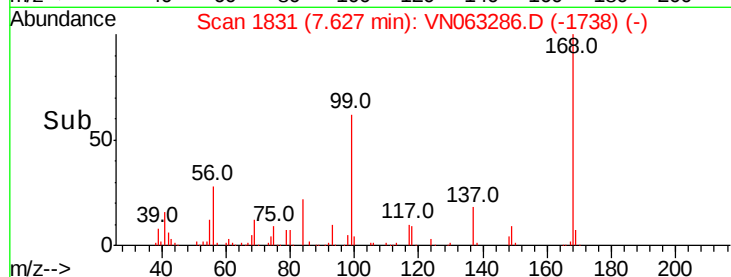
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 16.812 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN063286.D

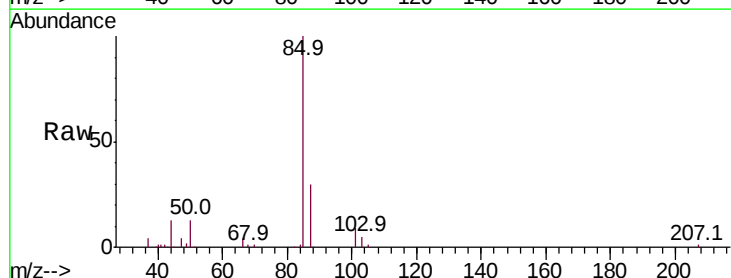
Acq: 9 Sep 2020 16:40

Tgt Ion: 85 Resp: 75677

Ion Ratio Lower Upper

85 100

87 29.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

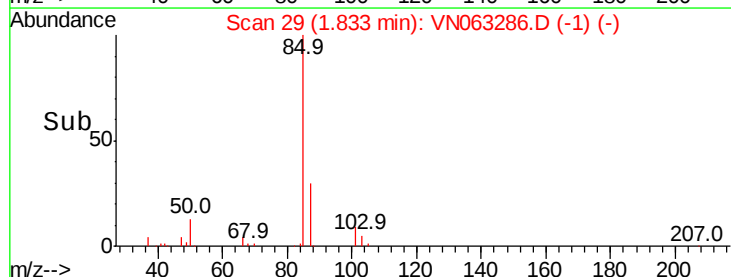
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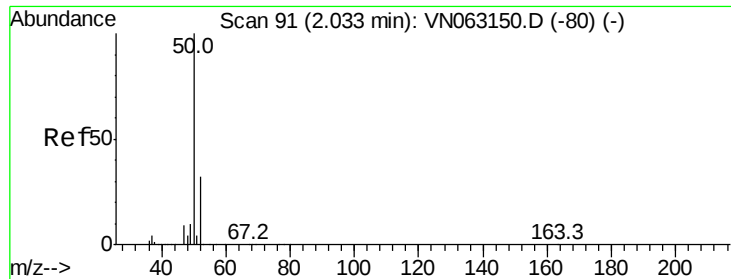
40000

20000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 16.358 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

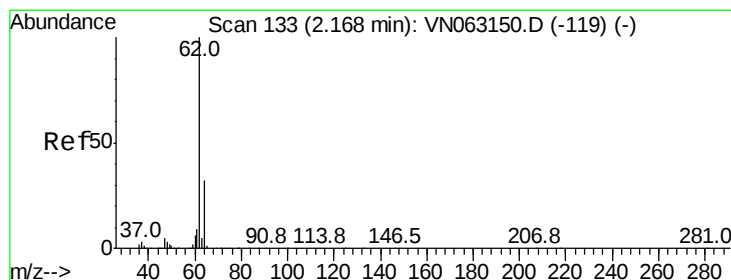
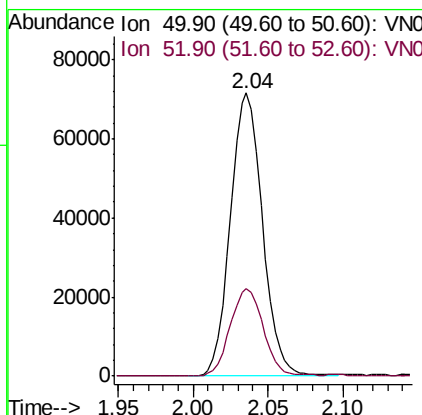
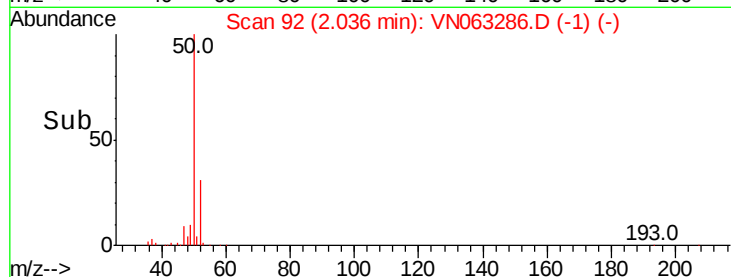
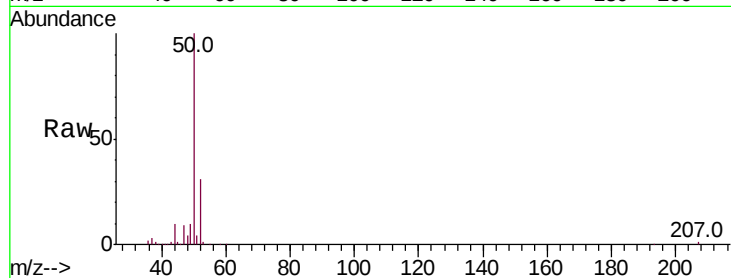
VN0909WBSD01

Tot Ion: 50 Resp: 107224

Ion Ratio Lower Upper

50 100

52 31.2 25.8 38.6



#4

Vinyl Chloride

Concen: 15.240 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN063286.D

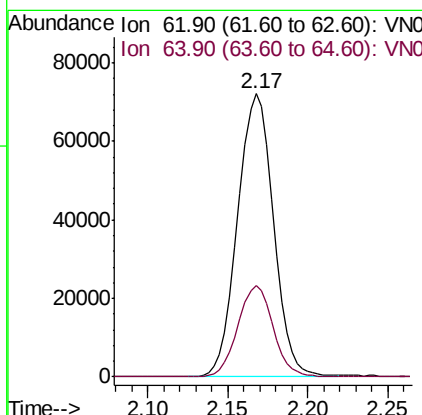
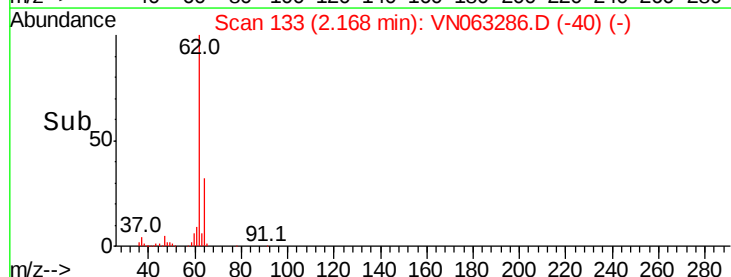
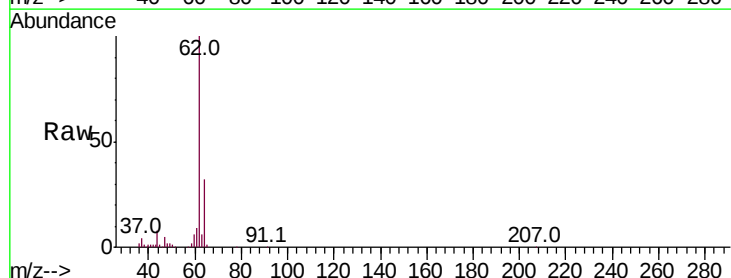
Acq: 9 Sep 2020 16:40

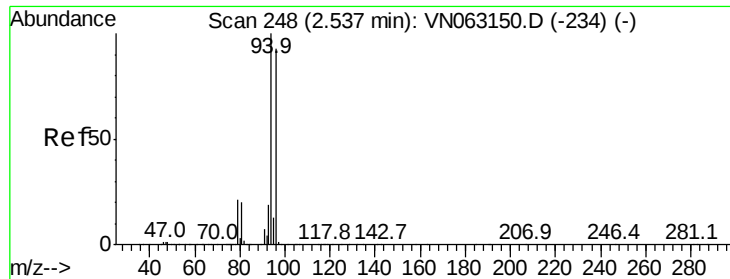
Tgt Ion: 62 Resp: 110343

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.8





#5

Bromomethane

Concen: 11.316 ug/l

RT: 2.54 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

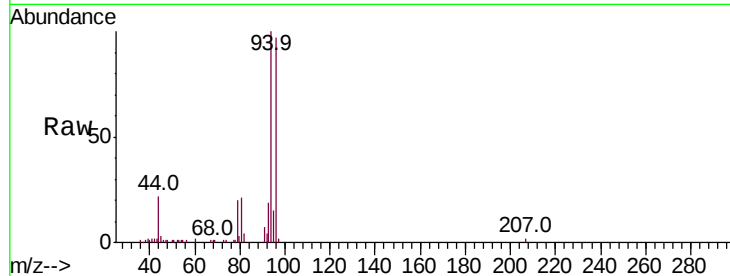
VN0909WBSD01

Tot Ion: 94 Resp: 68972

Ion Ratio Lower Upper

94 100

96 97.3 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.54

40000

30000

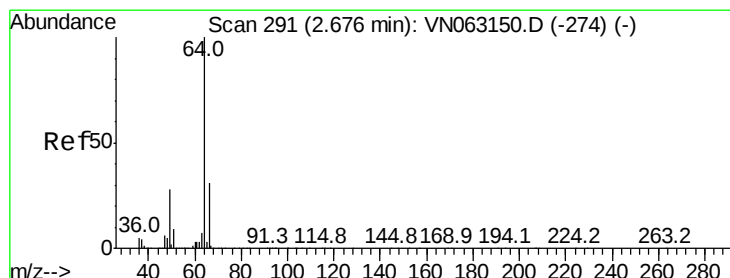
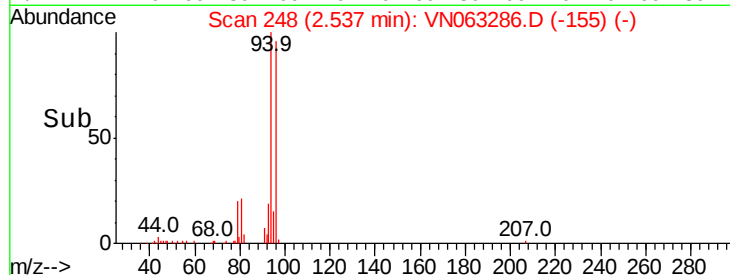
20000

10000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 12.567 ug/l

RT: 2.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN063286.D

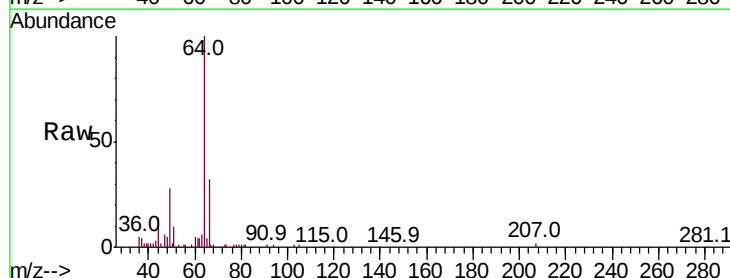
Acq: 9 Sep 2020 16:40

Tgt Ion: 64 Resp: 72345

Ion Ratio Lower Upper

64 100

66 31.5 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.68

40000

30000

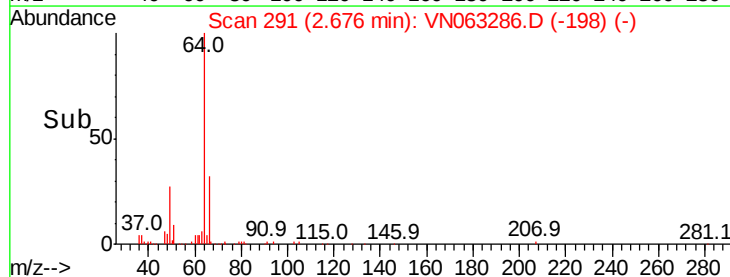
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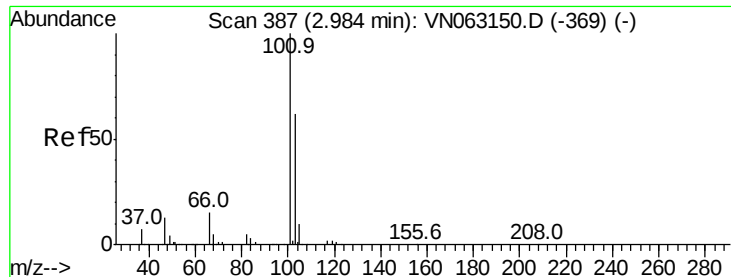
10000

0

2.60 2.65 2.70 2.75

Time-->



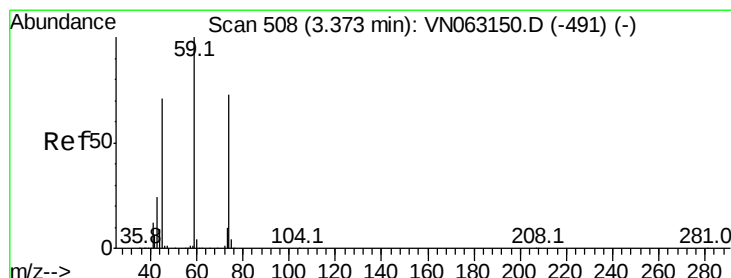
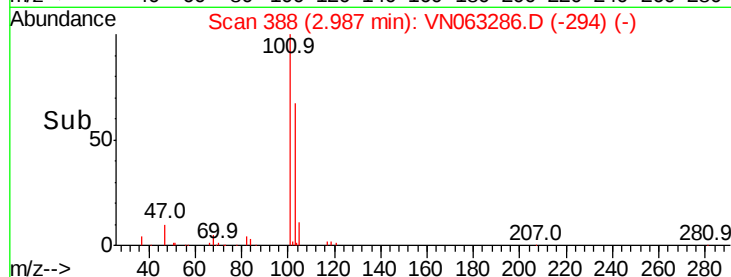
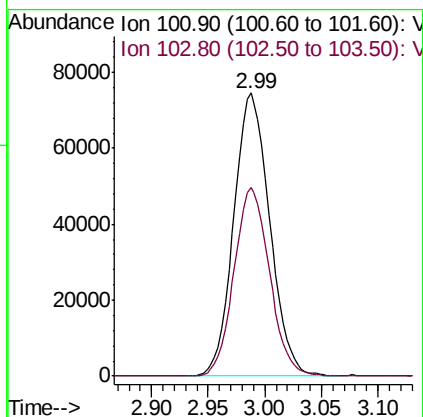
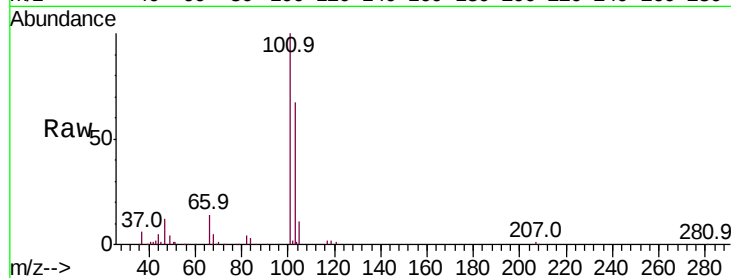


#7

Trichlorofluoromethane
Concen: 13.756 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

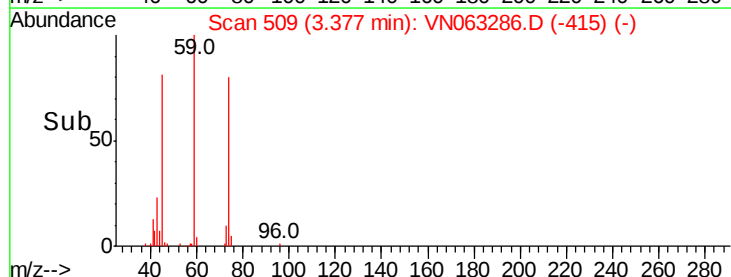
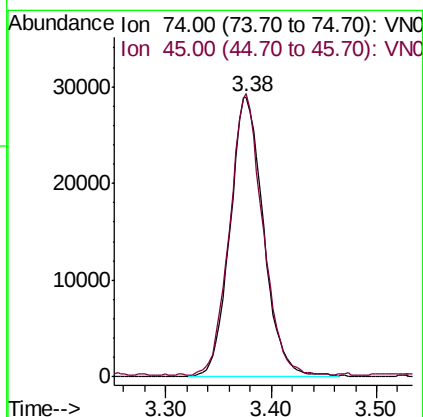
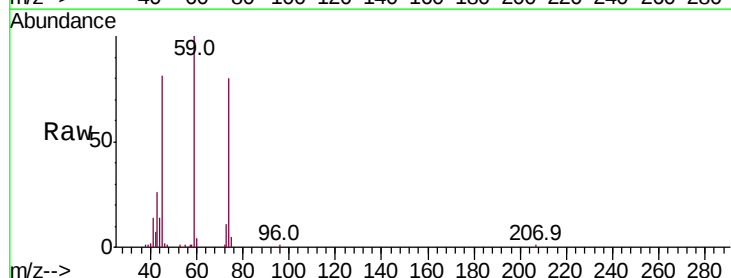
Tot Ion:101 Resp: 165362
Ion Ratio Lower Upper
101 100
103 66.6 49.7 74.5

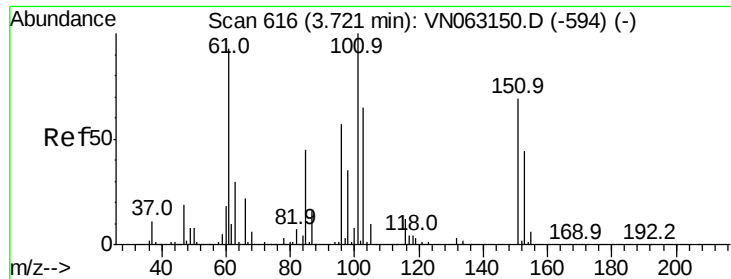


#8

Diethyl Ether
Concen: 18.404 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Tgt Ion: 74 Resp: 63757
Ion Ratio Lower Upper
74 100
45 99.5 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.206 ug/l

RT: 3.72 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

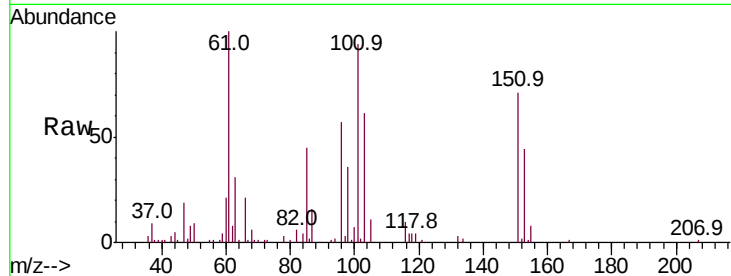
Tot Ion:101 Resp: 89603

Ion Ratio Lower Upper

101 100

85 45.9 37.8 56.8

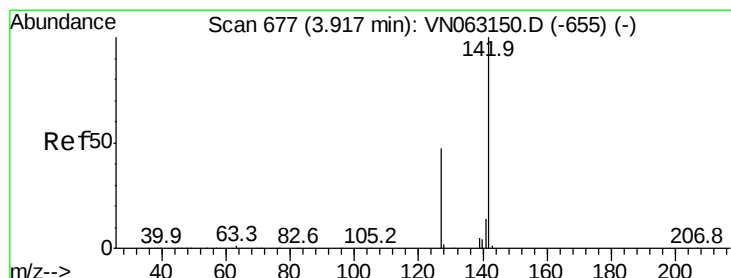
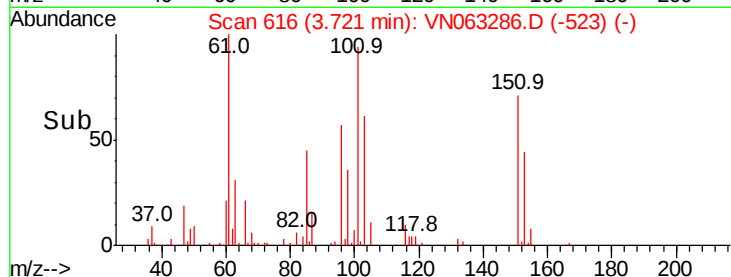
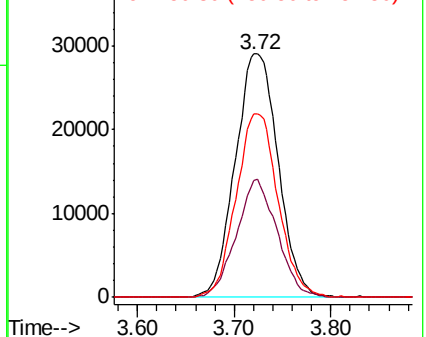
151 73.4 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.080 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

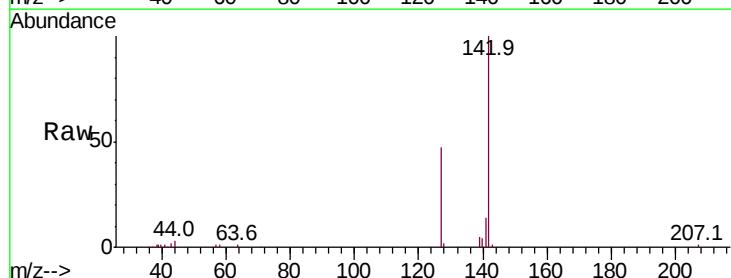
Tgt Ion:142 Resp: 114644

Ion Ratio Lower Upper

142 100

127 46.5 37.6 56.4

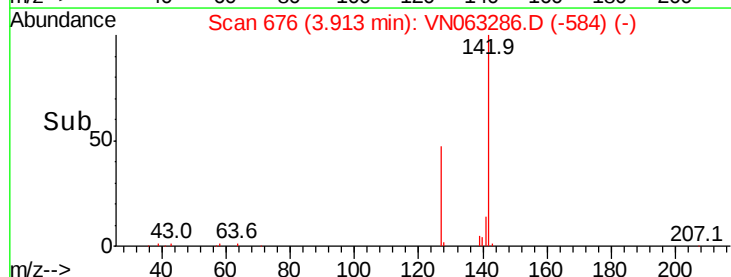
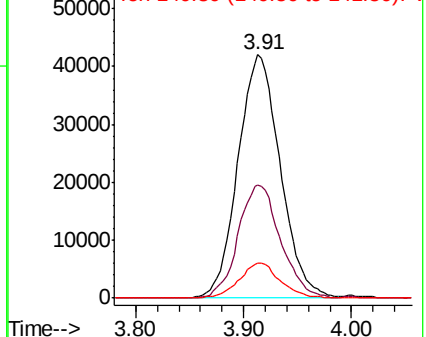
141 13.7 11.3 16.9

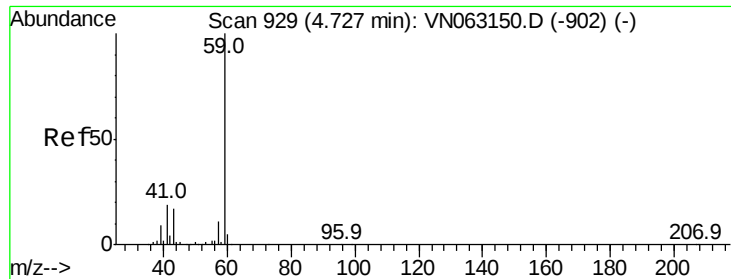


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

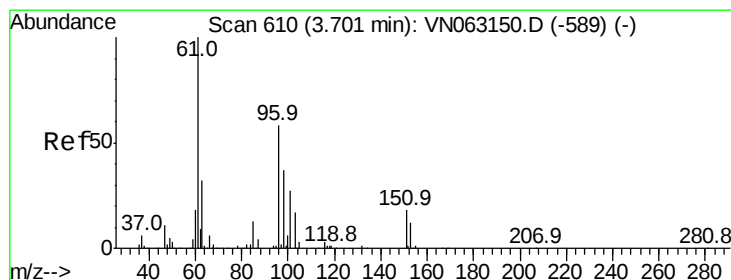
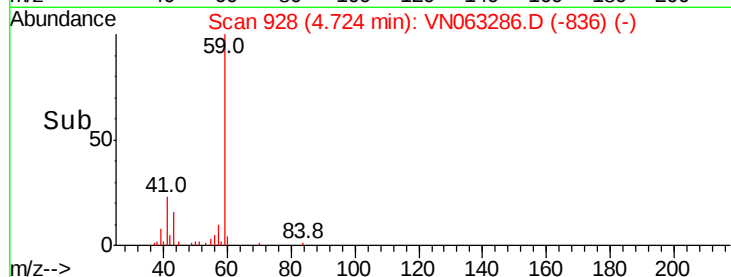
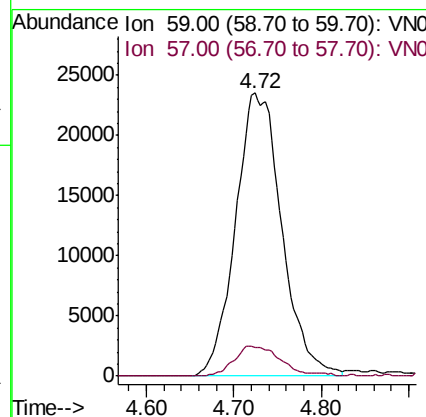
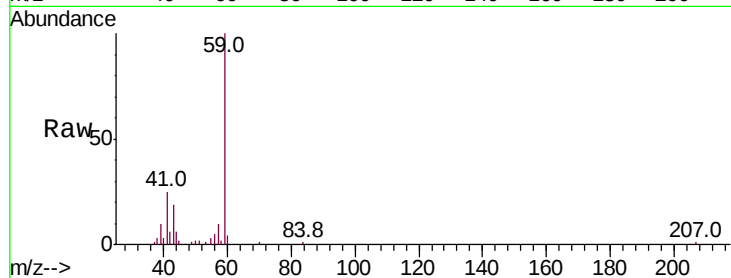




#11
Tert butyl alcohol
Concen: 94.041 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

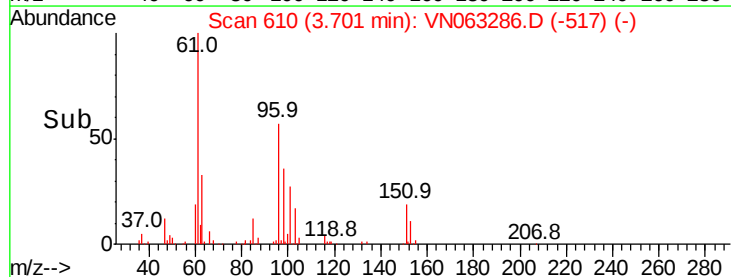
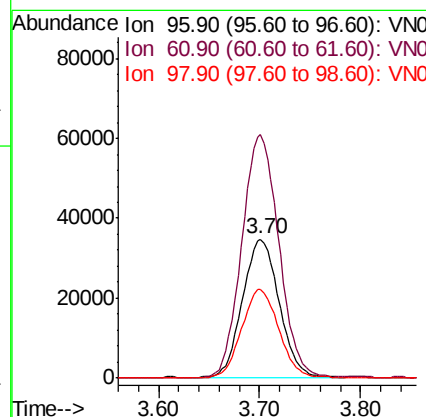
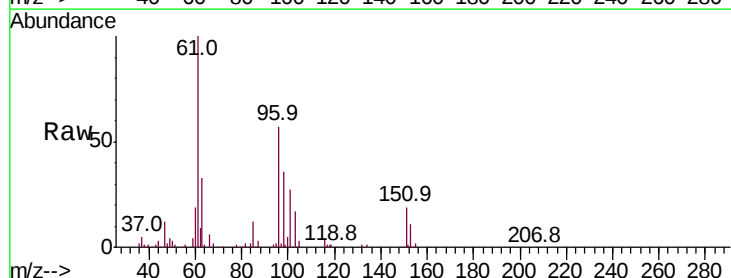
Instrument :
MSVOA_N
ClientSampled :
VN0909WBSD01

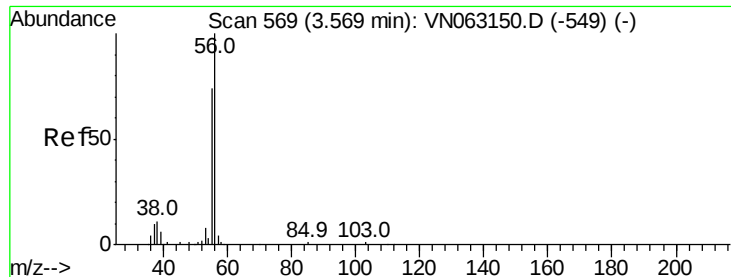
Tot Ion: 59 Resp: 86252
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6



#12
1,1-Dichloroethene
Concen: 17.679 ug/l
RT: 3.70 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Tgt Ion: 96 Resp: 88655
Ion Ratio Lower Upper
96 100
61 174.8 137.4 206.2
98 63.7 50.5 75.7





#13

Acrolein

Concen: 62.765 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

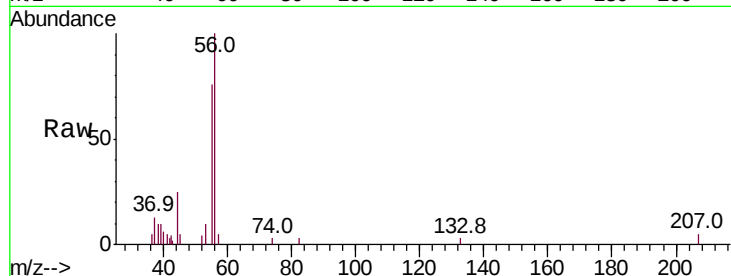
VN0909WBSD01

Tot Ion: 56 Resp: 17515

Ion Ratio Lower Upper

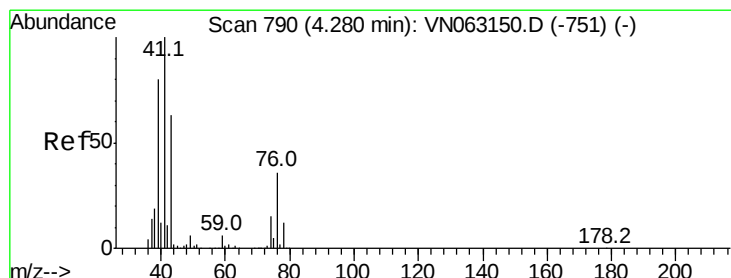
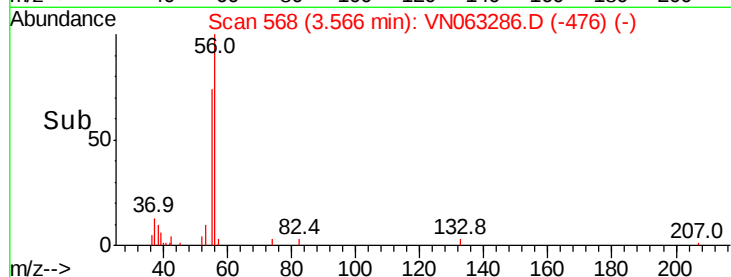
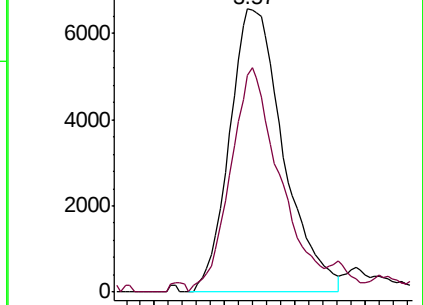
56 100

55 72.7 55.4 83.0



Abundance Ion 56.00 (55.70 to 56.70): VN063286.D (-549) (-)

Ion 55.00 (54.70 to 55.70): VN063286.D (-549) (-)



#14

Allyl chloride

Concen: 19.443 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

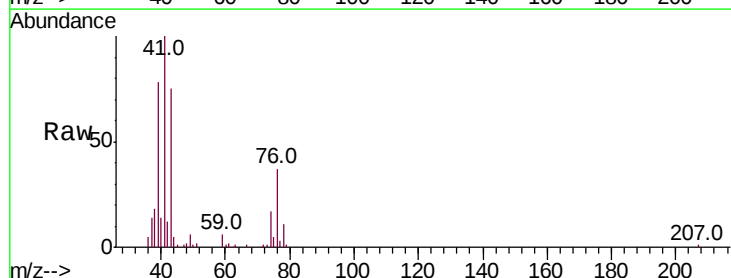
Tgt Ion: 41 Resp: 173172

Ion Ratio Lower Upper

41 100

39 72.5 60.2 90.2

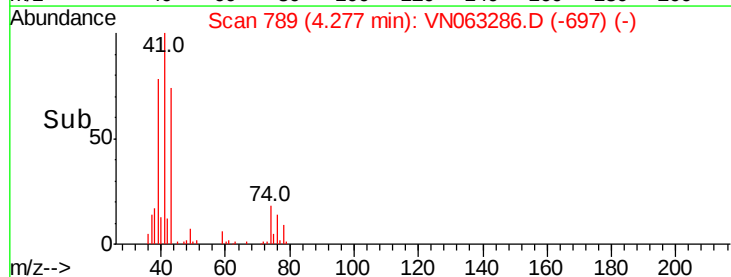
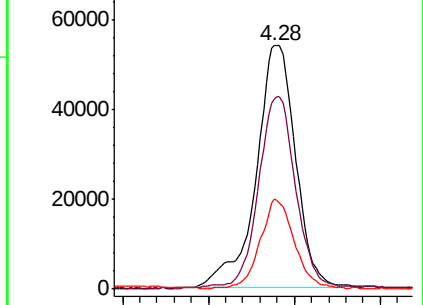
76 31.6 27.7 41.5

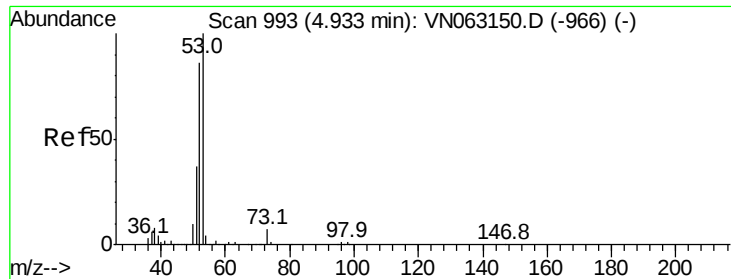


Abundance Ion 41.00 (40.70 to 41.70): VN063286.D (-697) (-)

Ion 39.00 (38.70 to 39.70): VN063286.D (-697) (-)

Ion 75.90 (75.60 to 76.60): VN063286.D (-697) (-)





#15

Acrylonitrile

Concen: 92.835 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

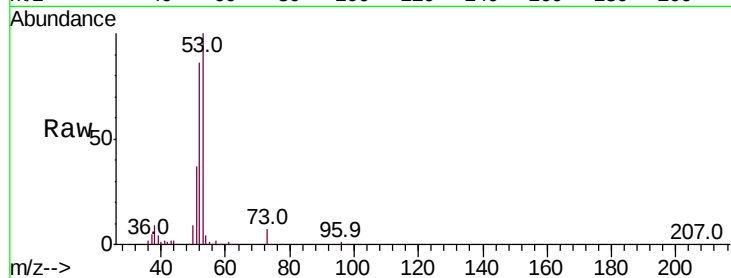
Tot Ion: 53 Resp: 234582

Ion Ratio Lower Upper

53 100

52 84.7 67.2 100.8

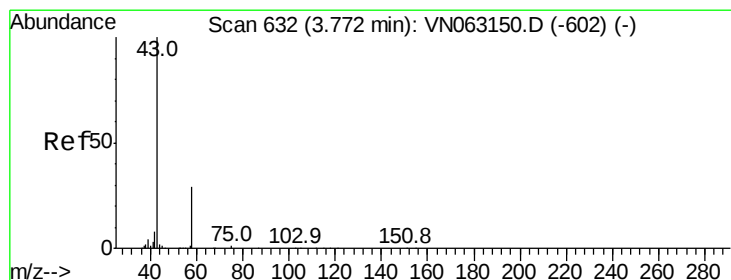
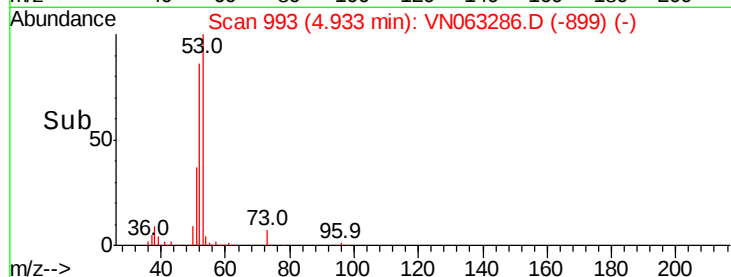
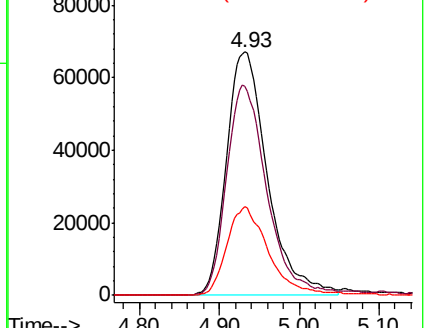
51 37.1 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 96.731 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063286.D

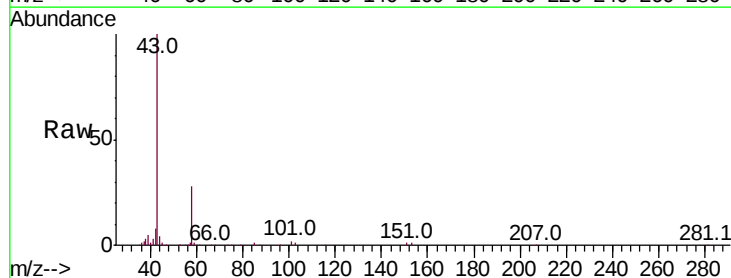
Acq: 9 Sep 2020 16:40

Tgt Ion: 43 Resp: 205461

Ion Ratio Lower Upper

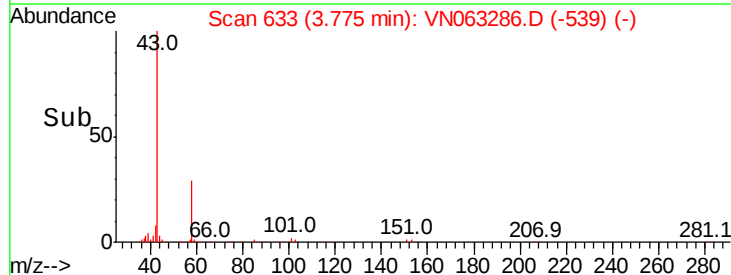
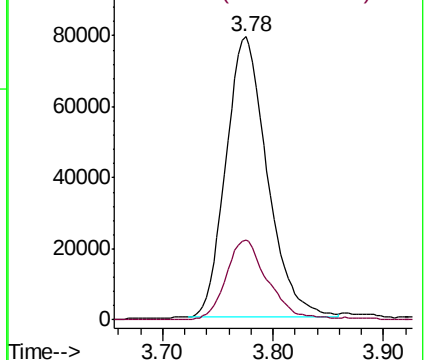
43 100

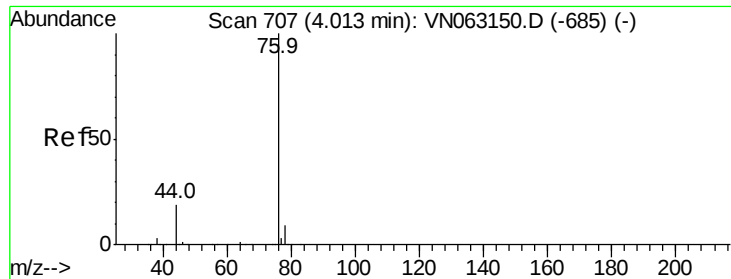
58 28.5 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

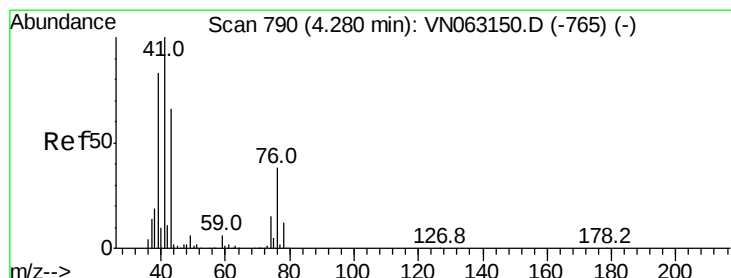
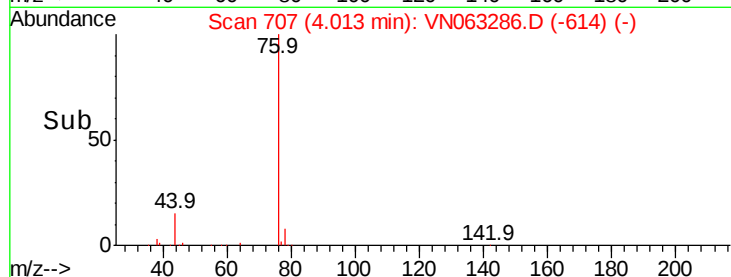
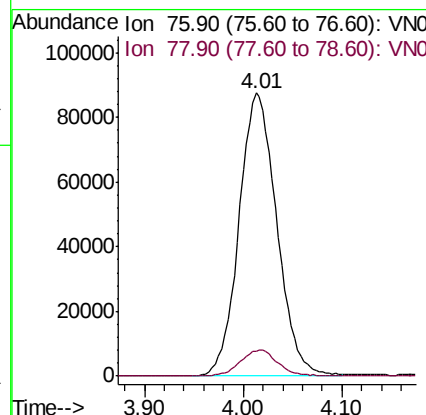
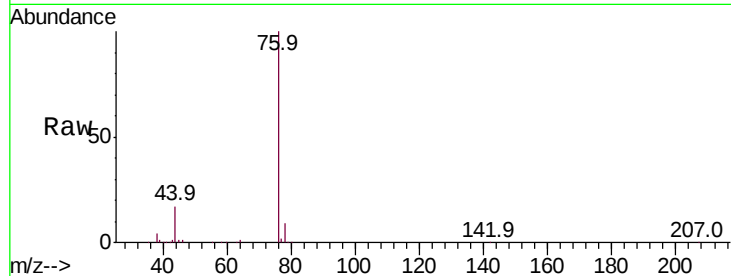




#17
Carbon Disulfide
Concen: 15.534 ug/l
RT: 4.01 min Scan# 707
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

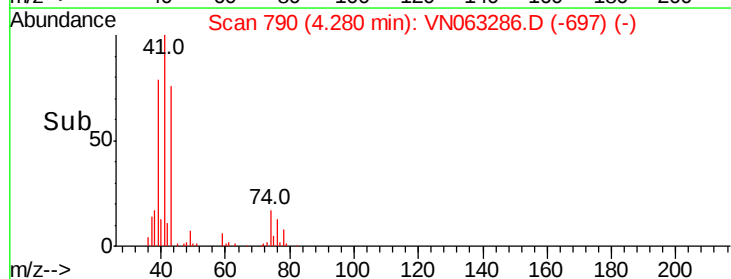
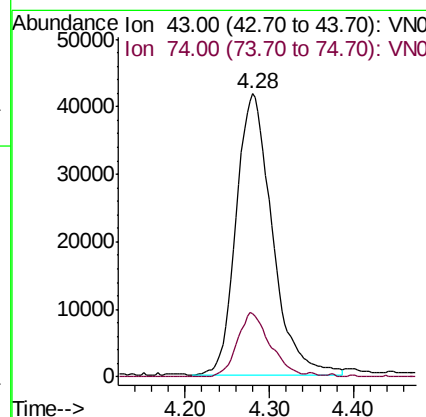
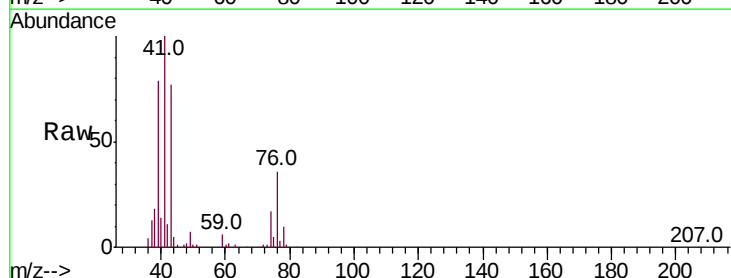
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

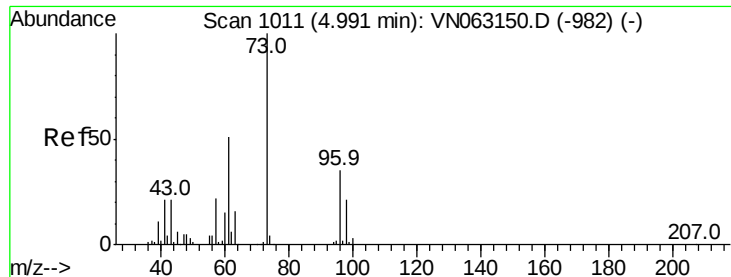
Tot Ion: 76 Resp: 231873
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 22.890 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Tgt Ion: 43 Resp: 124661
Ion Ratio Lower Upper
43 100
74 20.7 19.0 28.6

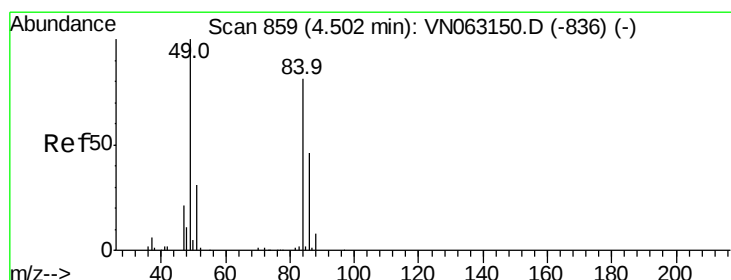
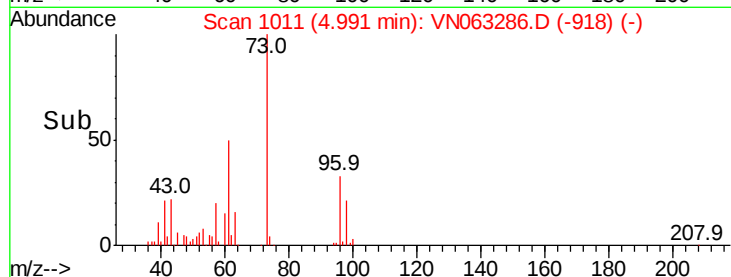
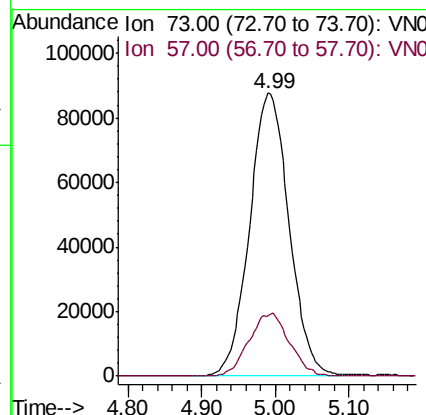
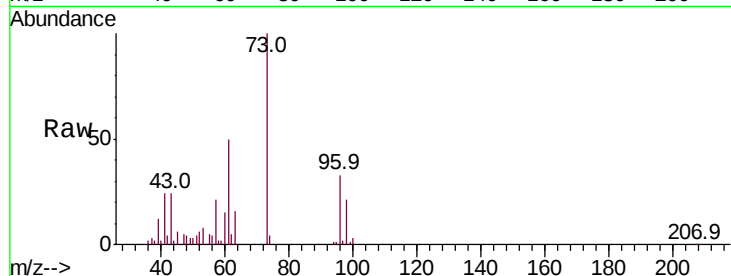




#19
Methvl tert-butvl Ether
Concen: 17.564 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

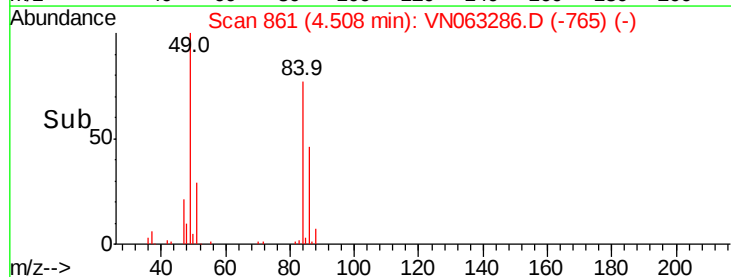
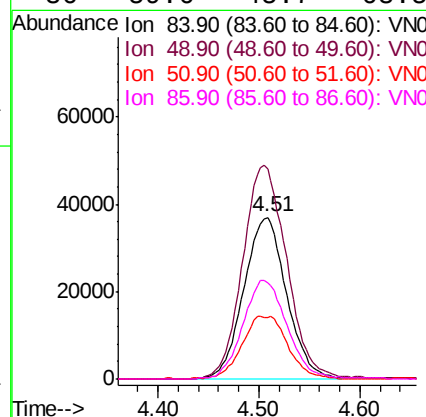
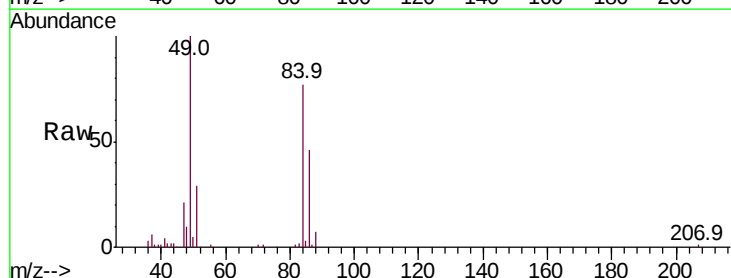
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

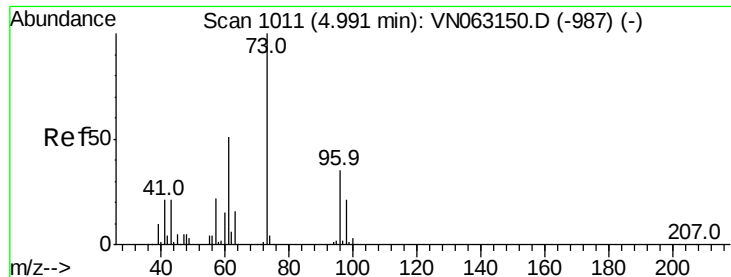
Tot Ion: 73 Resp: 326756
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4



#20
Methylene Chloride
Concen: 17.907 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Tgt Ion: 84 Resp: 108835
Ion Ratio Lower Upper
84 100
49 130.2 98.4 147.6
51 38.4 30.4 45.6
86 59.6 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 17.409 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

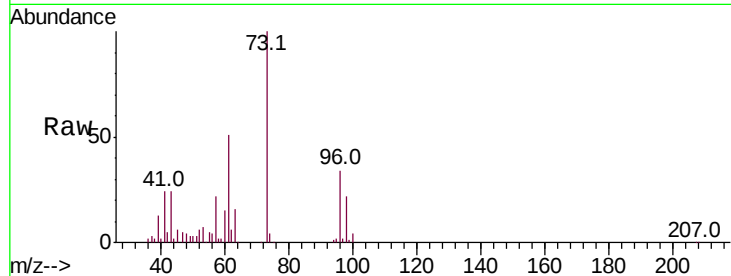
Tot Ion: 96 Resp: 96456

Ion Ratio Lower Upper

96 100

61 148.8 116.2 174.4

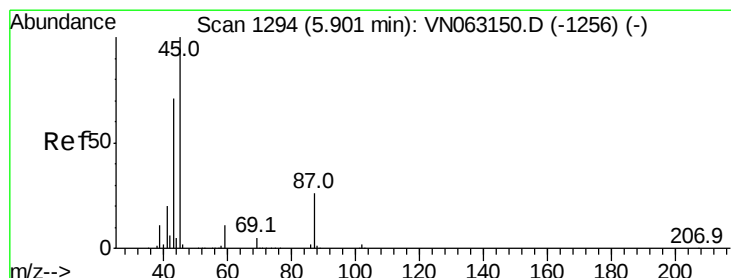
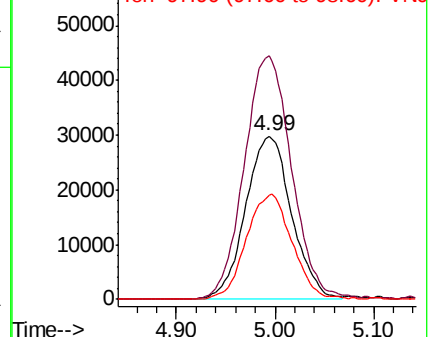
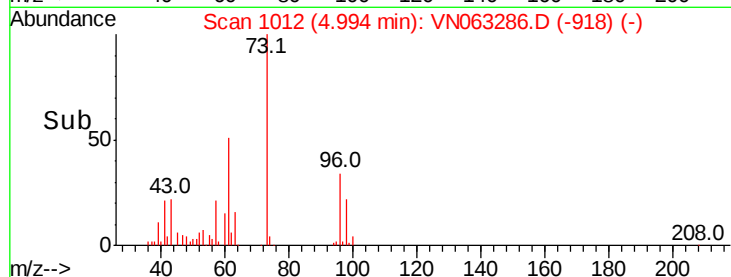
98 63.8 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VN063150.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN063150.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN063150.D (-987) (-)



#22

Diisopropyl ether

Concen: 18.571 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Tgt Ion: 45 Resp: 370657

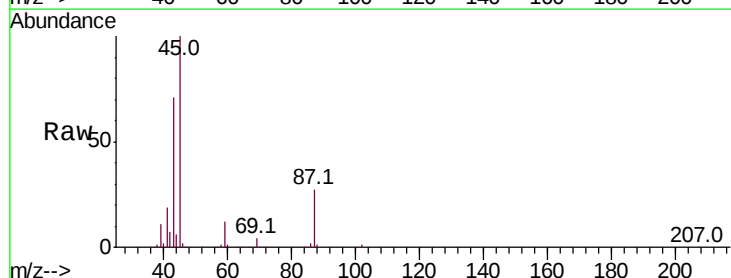
Ion Ratio Lower Upper

45 100

43 67.9 56.8 85.2

87 26.5 21.1 31.7

59 11.5 8.9 13.3

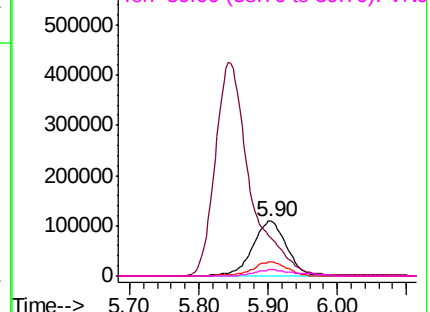
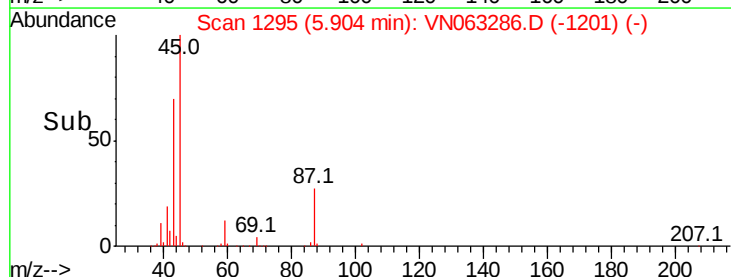


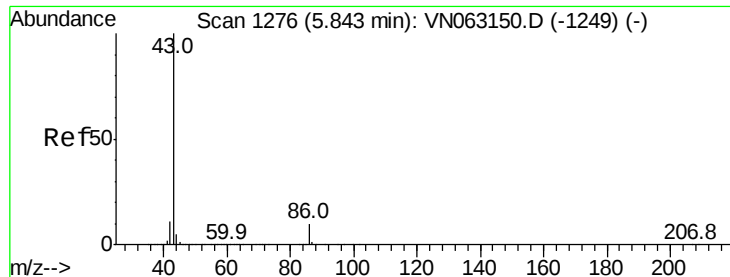
Abundance Ion 45.00 (44.70 to 45.70): VN063150.D (-1256) (-)

Ion 43.00 (42.70 to 43.70): VN063150.D (-1256) (-)

Ion 87.00 (86.70 to 87.70): VN063150.D (-1256) (-)

Ion 59.00 (58.70 to 59.70): VN063150.D (-1256) (-)

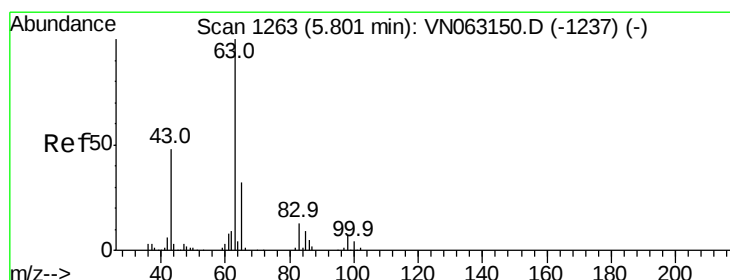
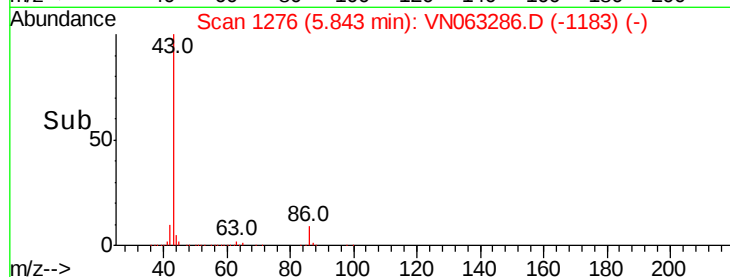
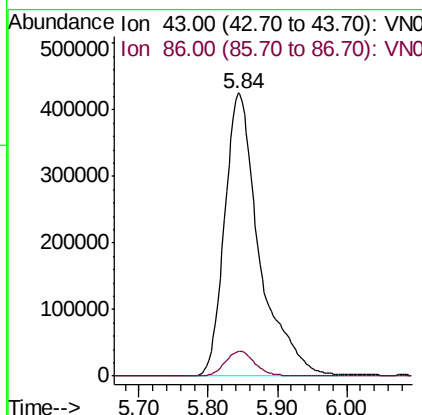
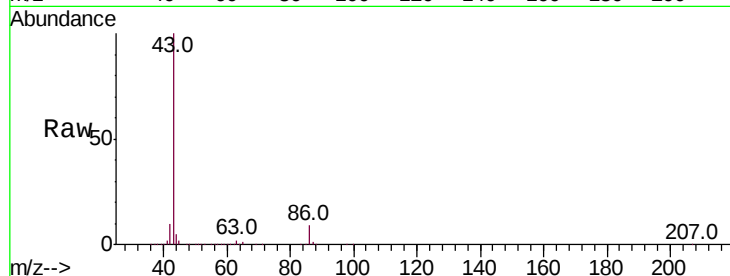




#23
 Vinyl Acetate
 Concen: 93.463 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

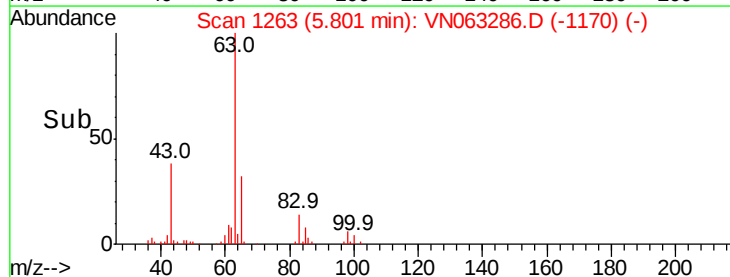
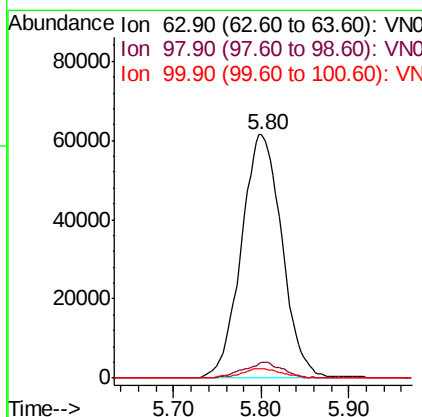
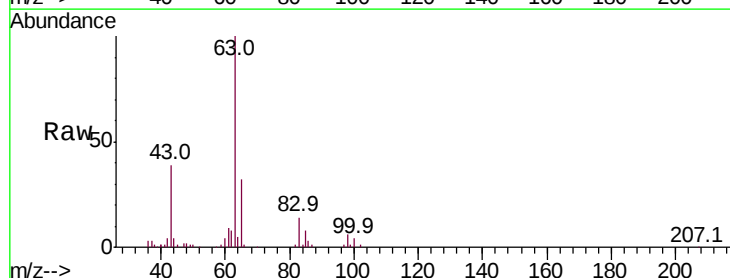
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

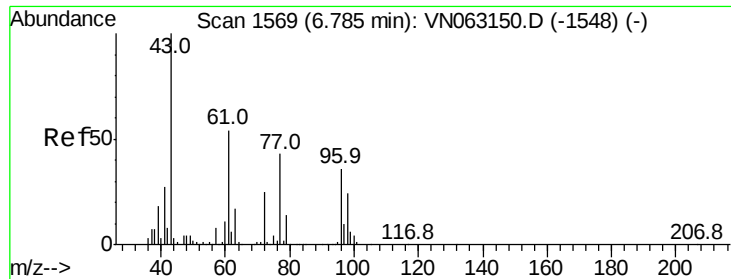
Tot Ion: 43 Resp: 1488429
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 17.987 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

Tgt Ion: 63 Resp: 197903
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.1
 100 4.0 2.3 6.8





#25

2-Butanone

Concen: 99.430 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

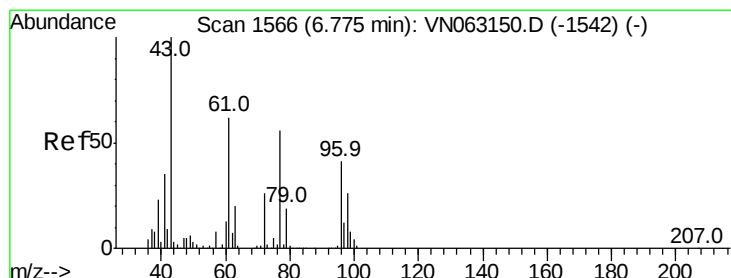
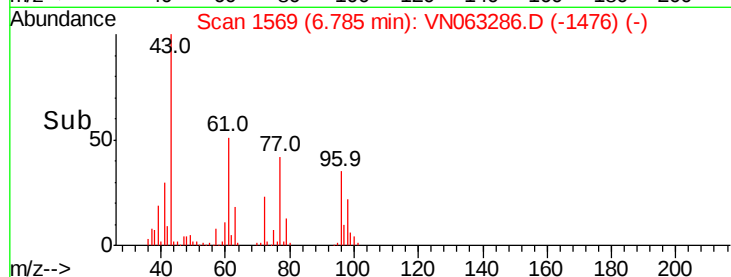
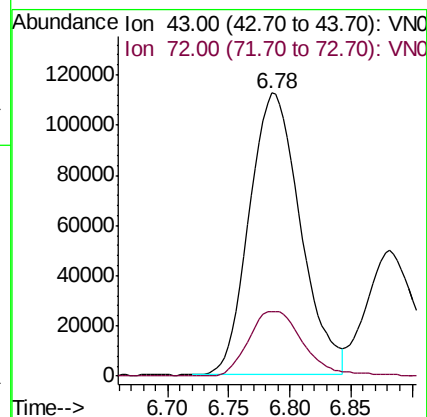
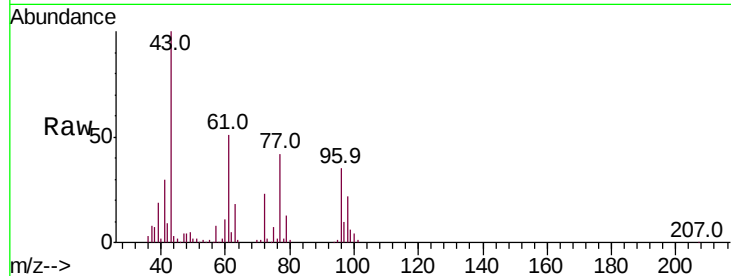
VN0909WBSD01

Tot Ion: 43 Resp: 327013

Ion Ratio Lower Upper

43 100

72 23.1 20.2 30.4



#26

2,2-Dichloropropane

Concen: 16.394 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063286.D

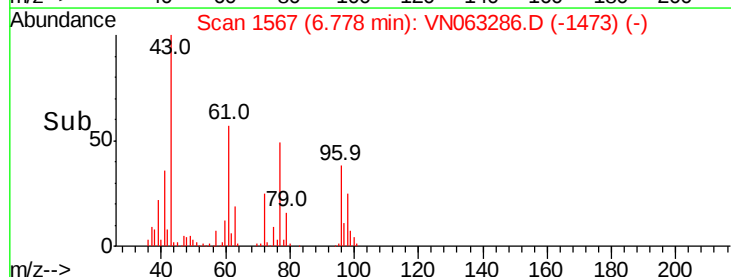
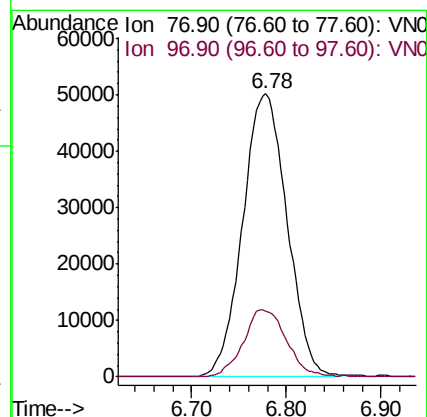
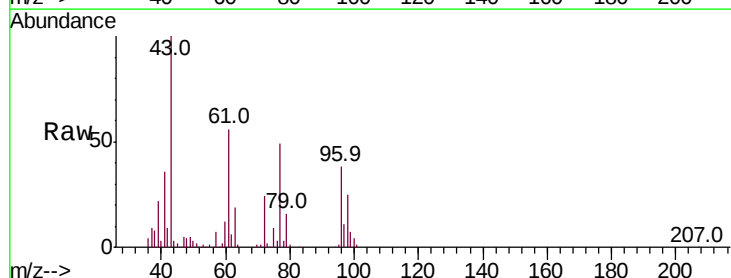
Acq: 9 Sep 2020 16:40

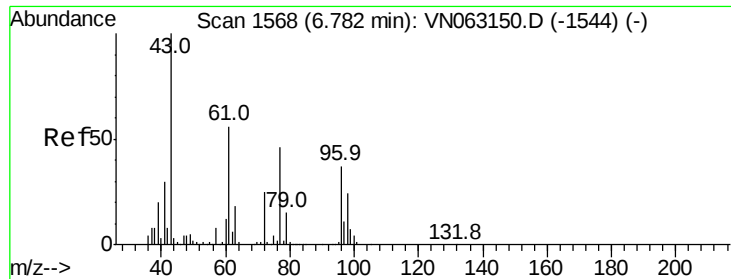
Tgt Ion: 77 Resp: 163429

Ion Ratio Lower Upper

77 100

97 23.1 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 17.041 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

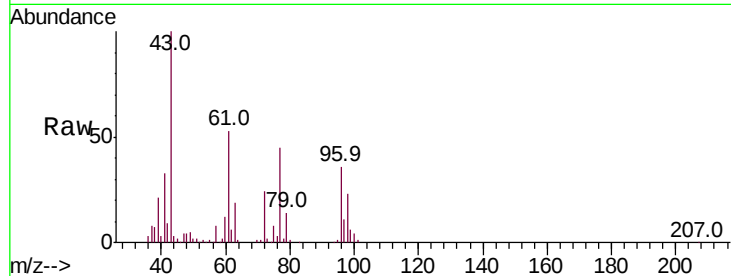
Tot Ion: 96 Resp: 114760

Ion Ratio Lower Upper

96 100

61 156.0 0.0 303.2

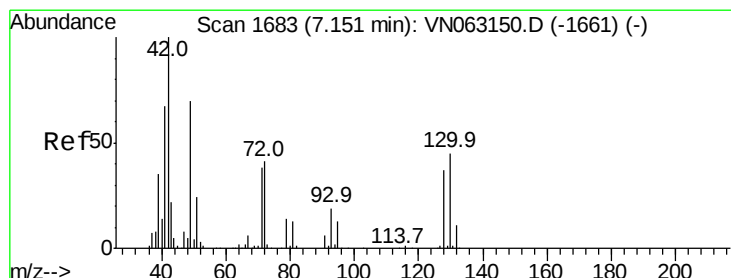
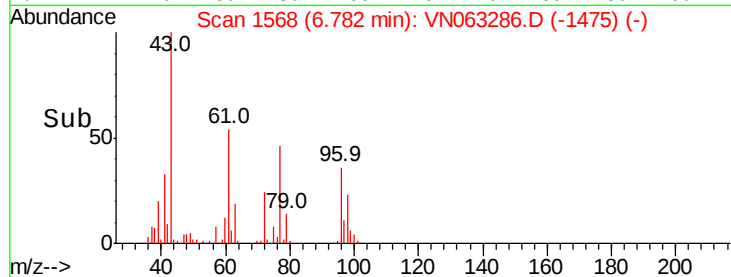
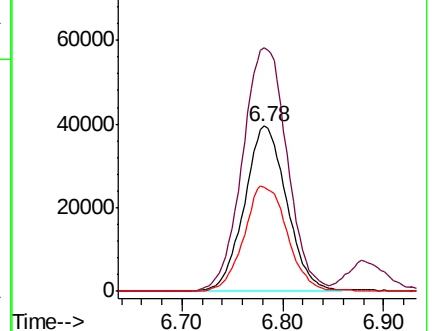
98 65.1 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.391 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

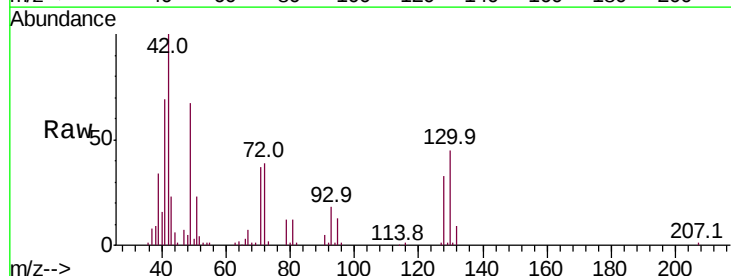
Tgt Ion: 49 Resp: 111469

Ion Ratio Lower Upper

49 100

129 1.1 0.0 4.0

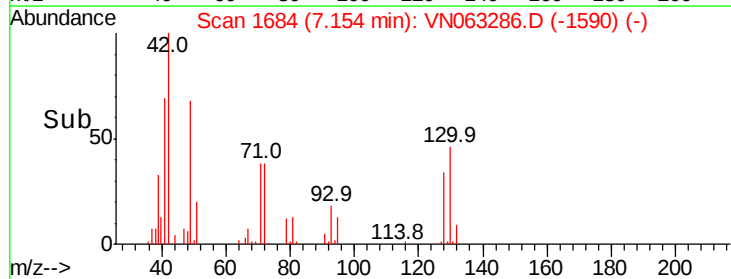
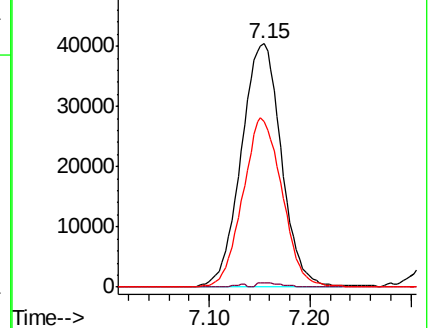
130 68.2 54.4 81.6

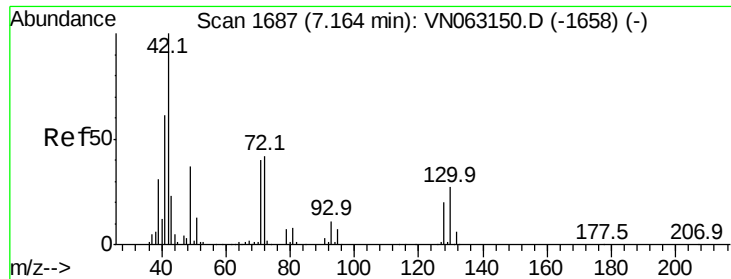


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

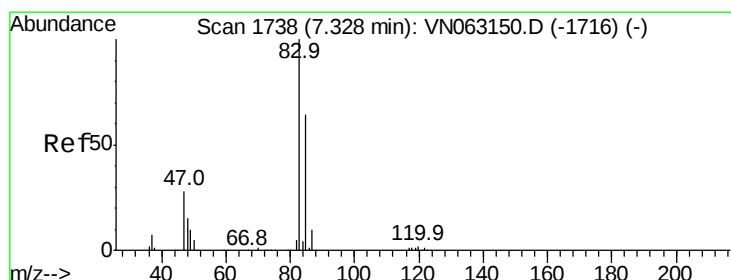
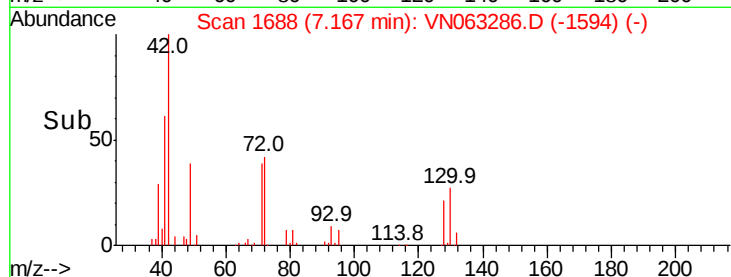
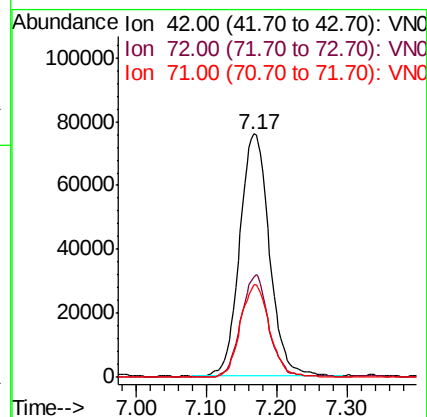
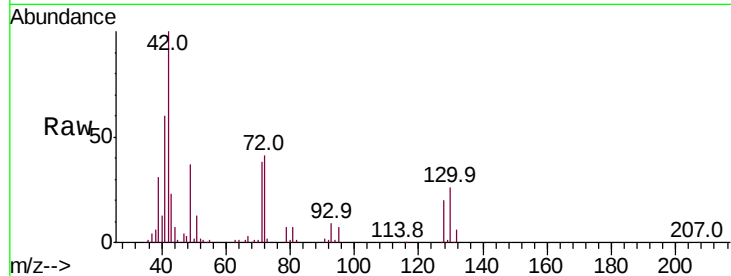




#29
Tetrahydrofuran
Concen: 98.135 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

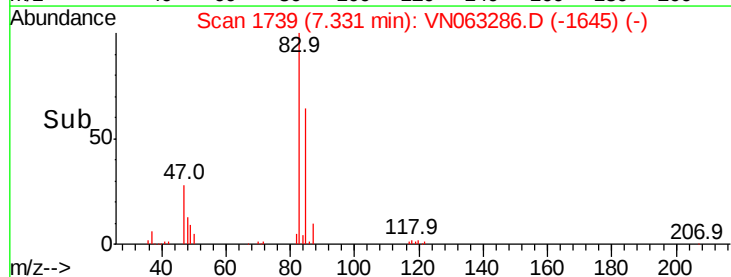
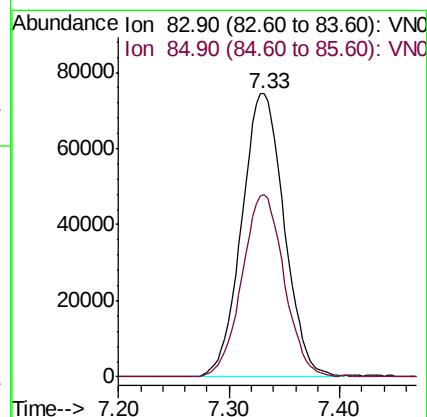
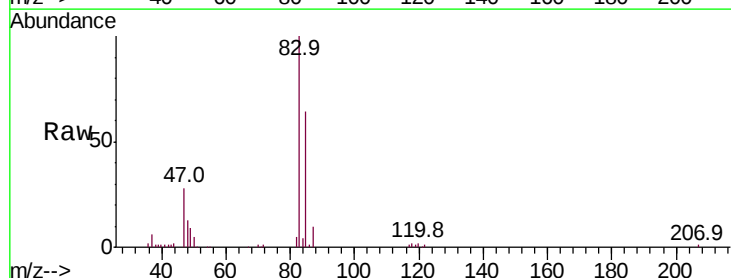
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

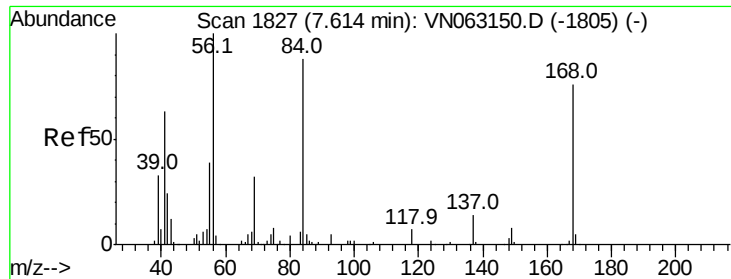
Tot Ion: 42 Resp: 223170
Ion Ratio Lower Upper
42 100
72 38.9 33.9 50.9
71 37.8 31.9 47.9



#30
Chloroform
Concen: 17.248 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Tgt Ion: 83 Resp: 198551
Ion Ratio Lower Upper
83 100
85 64.5 51.0 76.6

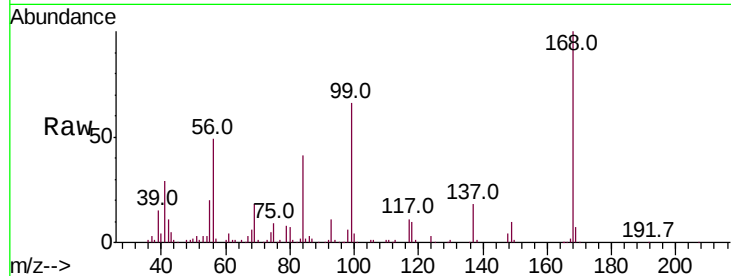




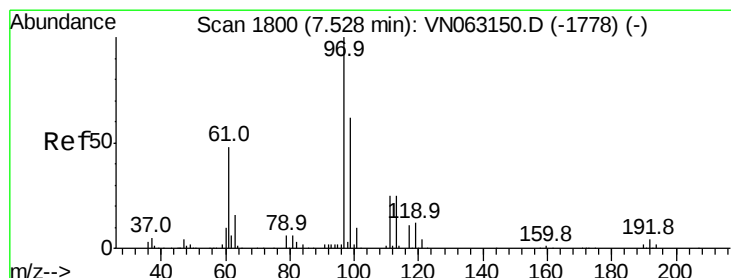
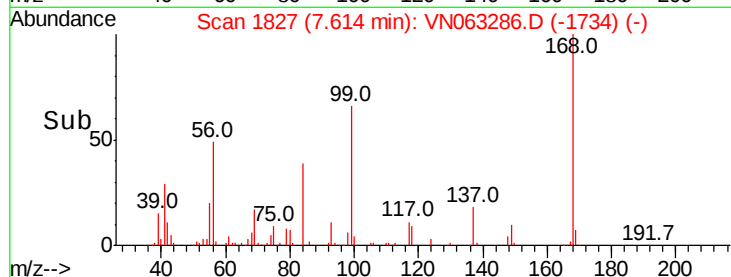
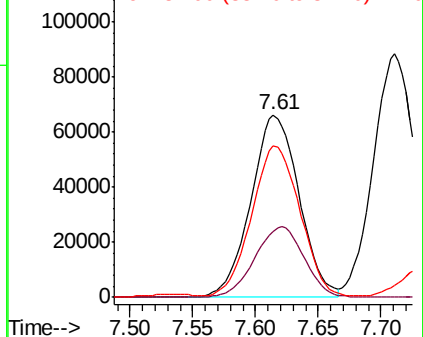
#31
Cyclohexane
Concen: 17.112 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Instrument :
MSVOA_N
ClientSampled :
VN0909WBSD01

Tot Ion: 56 Resp: 177101
Ion Ratio Lower Upper
56 100
69 35.9 25.4 38.0
84 81.7 70.2 105.4

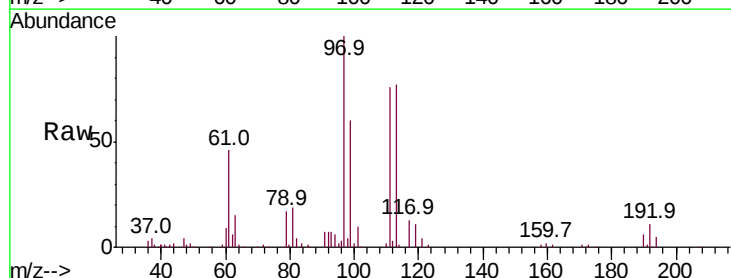


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

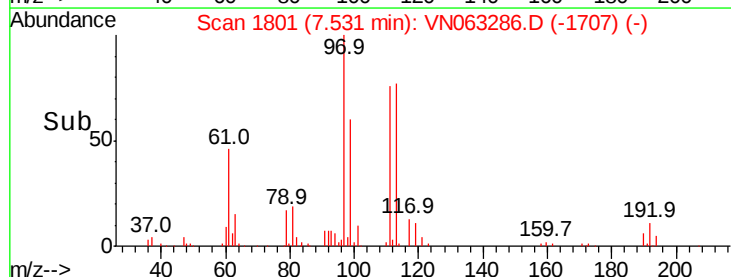
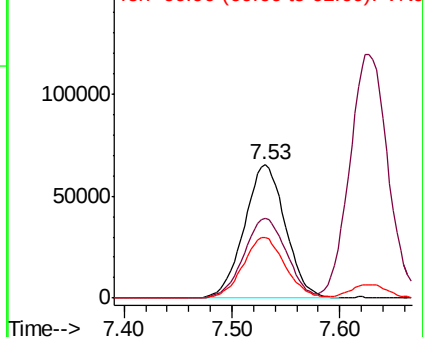


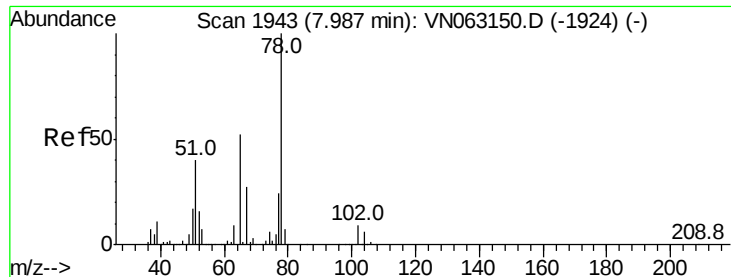
#32
1,1,1-Trichloroethane
Concen: 17.426 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Tgt Ion: 97 Resp: 172855
Ion Ratio Lower Upper
97 100
99 62.0 50.8 76.2
61 46.7 37.4 56.2



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





#33

1,2-Dichloroethane-d4

Concen: 46.984 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

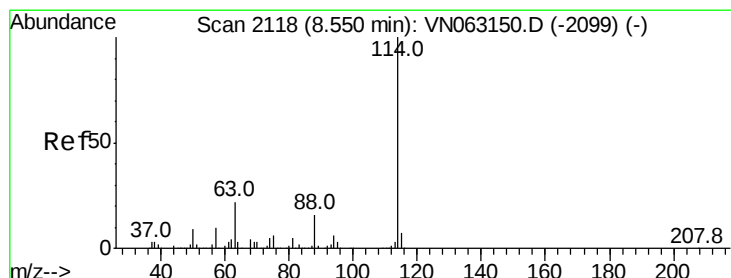
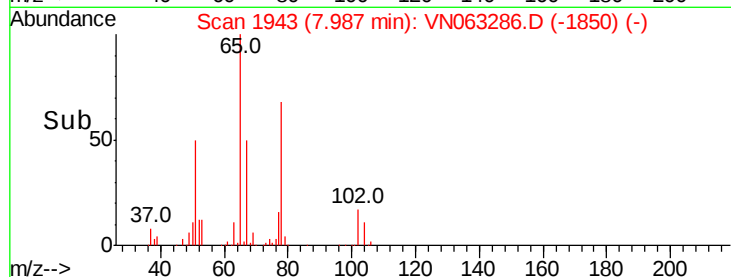
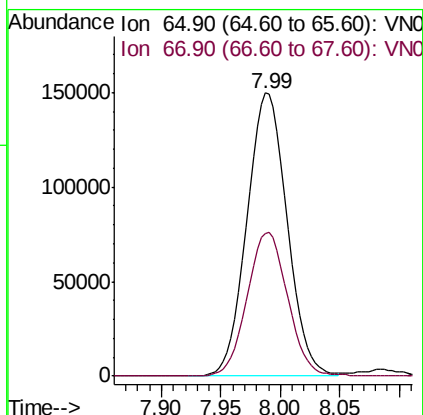
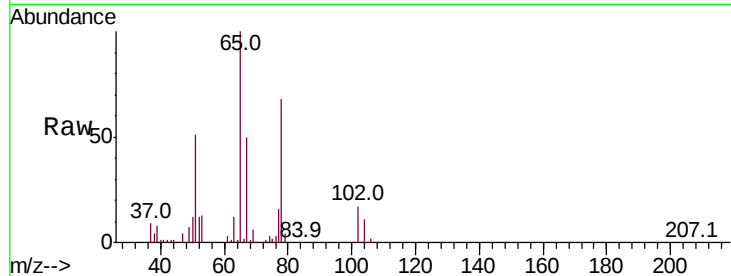
Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion: 65 Resp: 351058

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2119

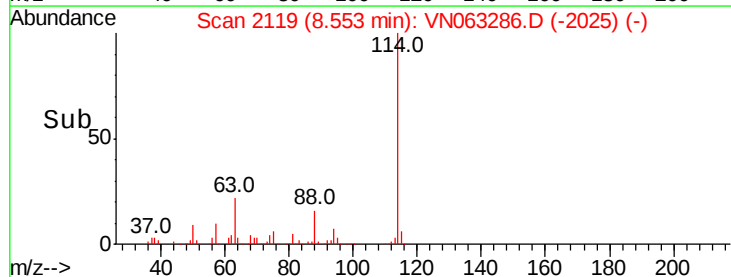
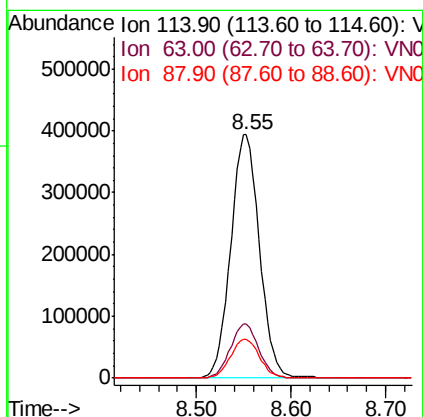
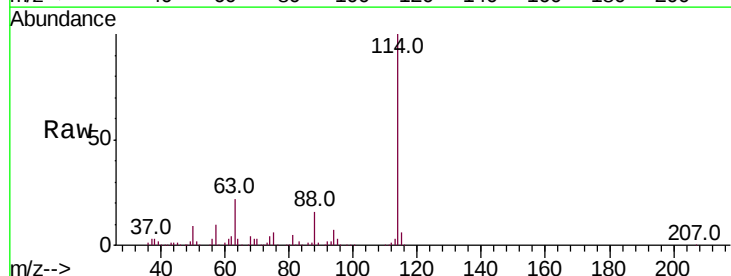
Delta R.T. 0.00 min

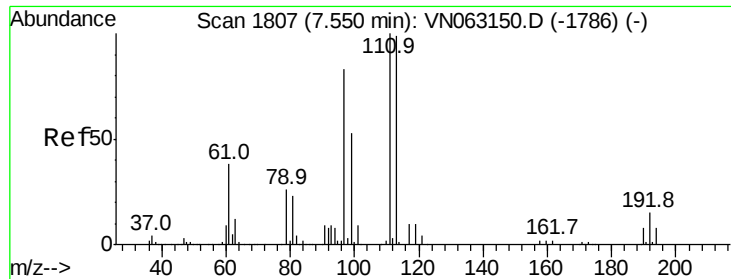
Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Tgt Ion: 114 Resp: 829702

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.0
88	15.8	0.0	31.6

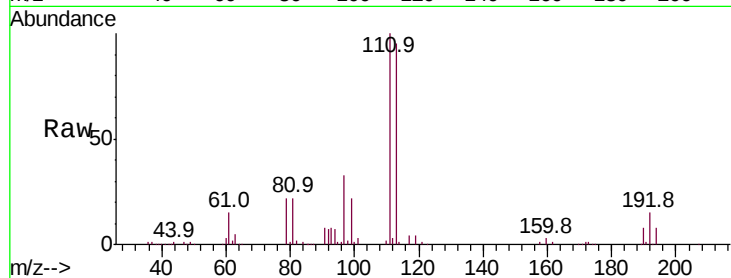




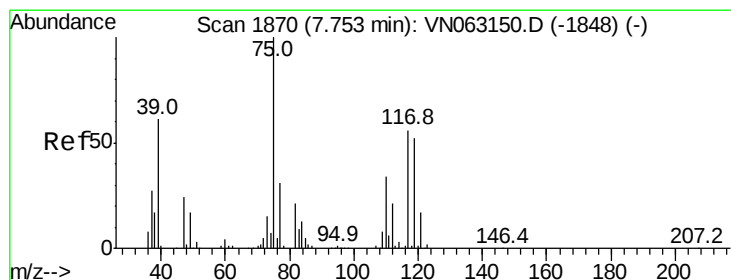
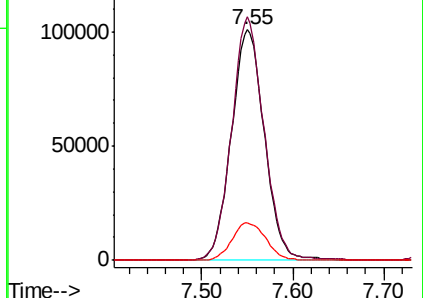
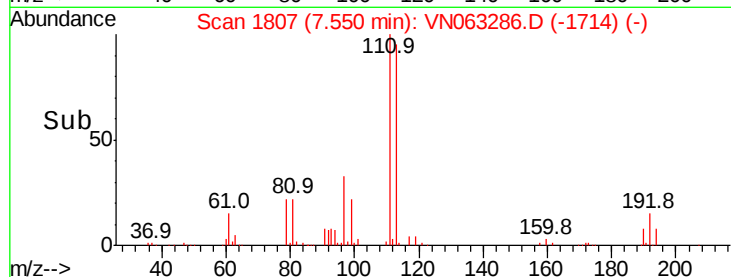
#35
 Dibromofluoromethane
 Concen: 47.937 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Tot Ion:113 Resp: 255166
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.7 121.1
 192 16.7 12.6 19.0

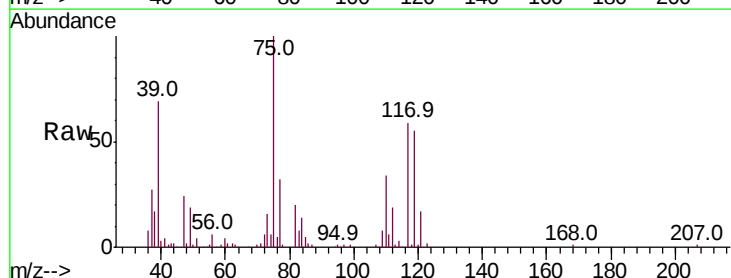


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

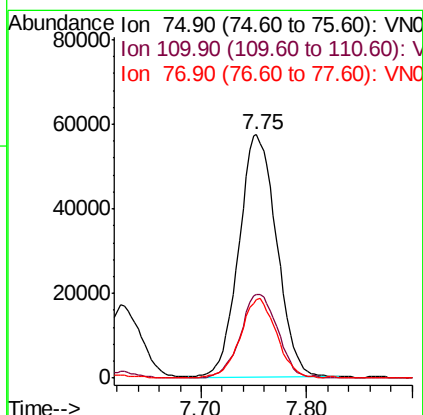
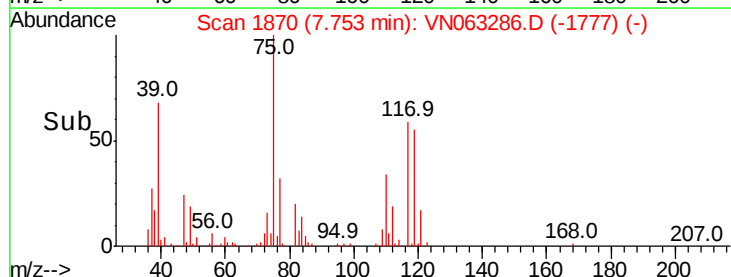


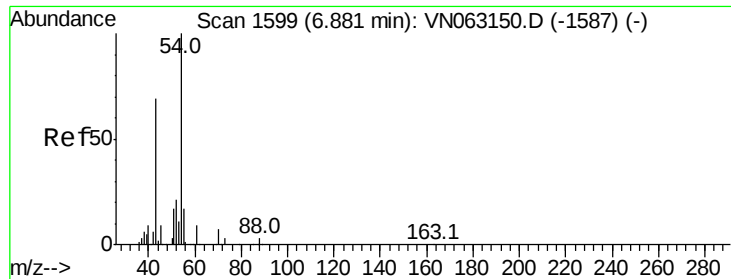
#36
 1,1-Dichloropropene
 Concen: 17.916 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

Tgt Ion: 75 Resp: 142907
 Ion Ratio Lower Upper
 75 100
 110 34.2 16.6 49.8
 77 31.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 19.270 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

VN0909WBSD01

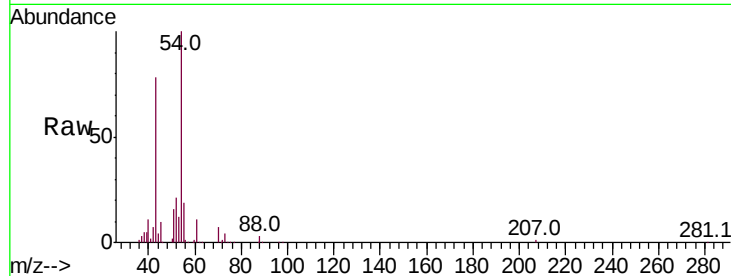
Tot Ion: 43 Resp: 143365

Ion Ratio Lower Upper

43 100

61 13.5 10.2 15.4

70 9.7 3.0 4.6#

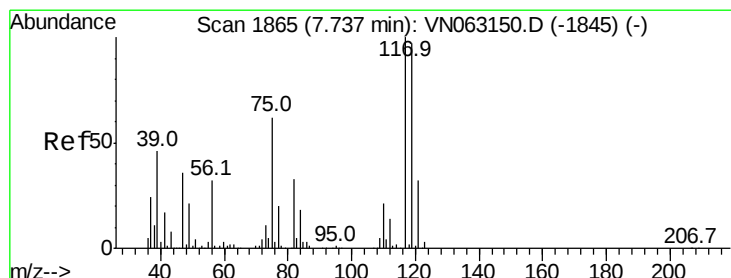
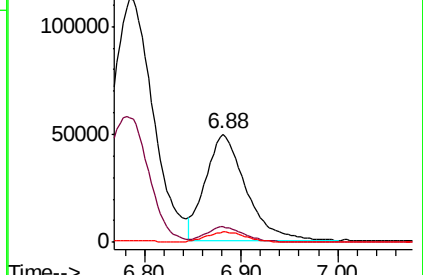
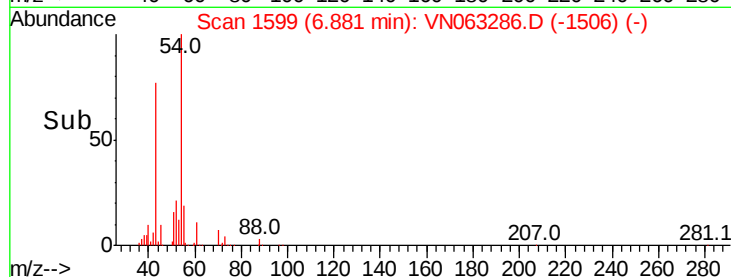


Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1587) (-)

Ion 60.90 (60.60 to 61.60): VN063150.D (-1587) (-)

Ion 70.00 (69.70 to 70.70): VN063150.D (-1587) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 18.039 ug/l

RT: 7.74 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

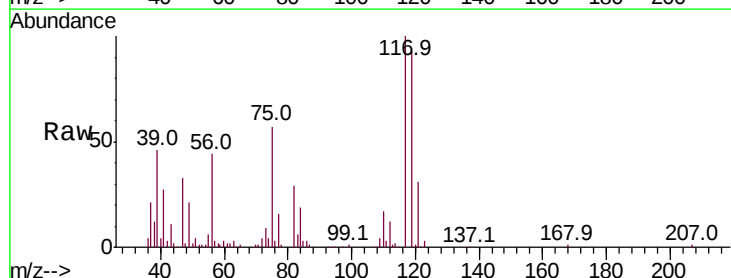
Tgt Ion: 117 Resp: 145920

Ion Ratio Lower Upper

117 100

119 92.8 77.2 115.8

121 30.7 25.6 38.4

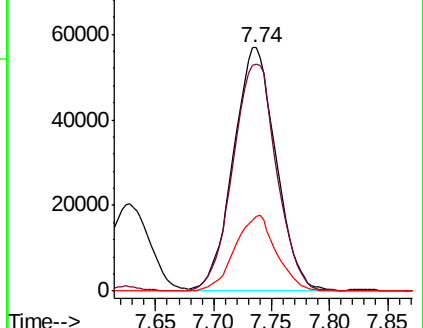
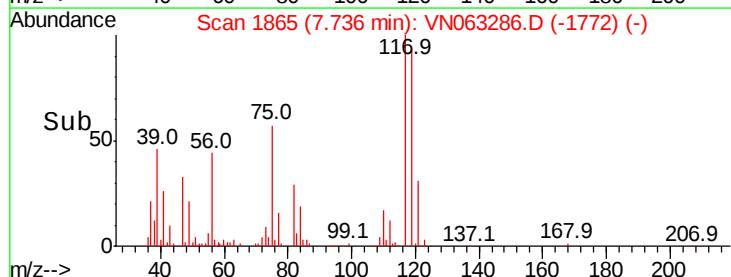


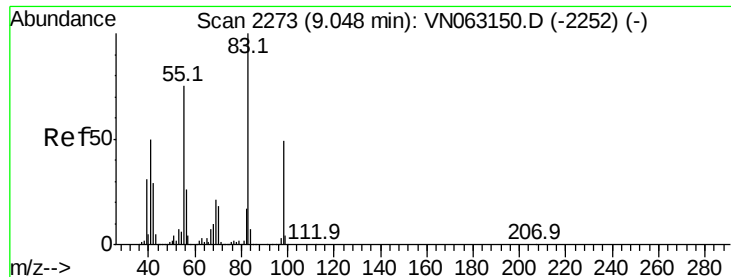
Abundance Ion 116.80 (116.50 to 117.50): VN063150.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN063150.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN063150.D (-1845) (-)

Time-->

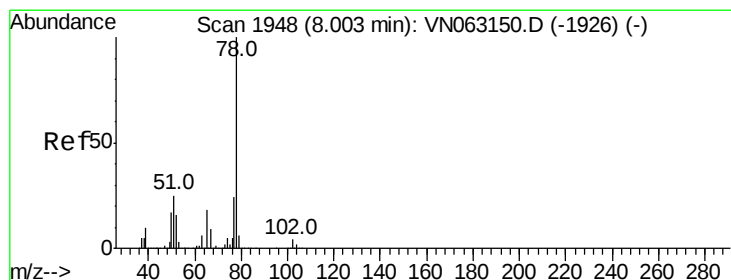
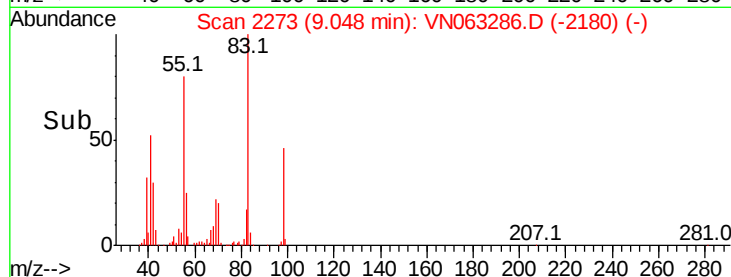
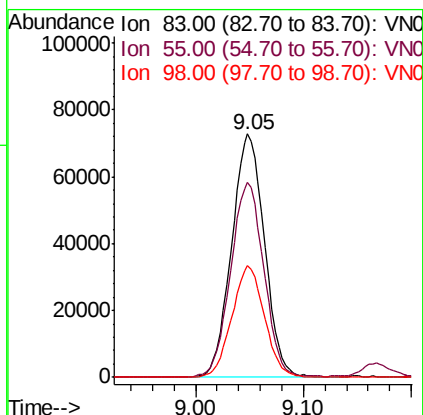
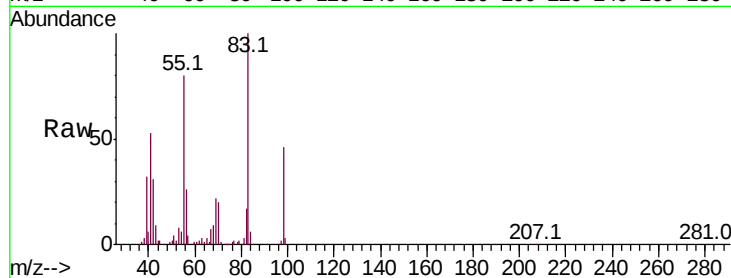




#39
Methvlcvclohexane
Concen: 17.226 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

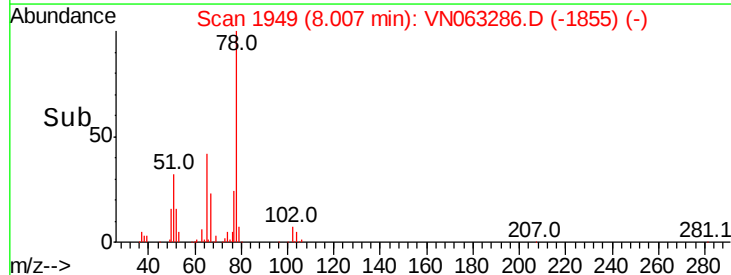
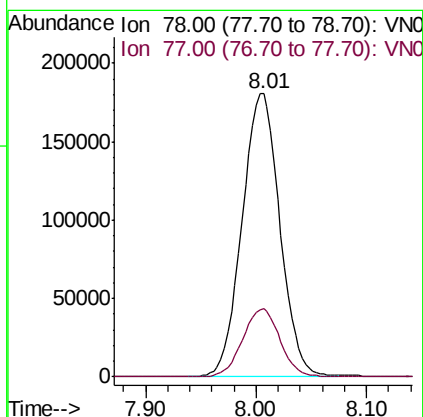
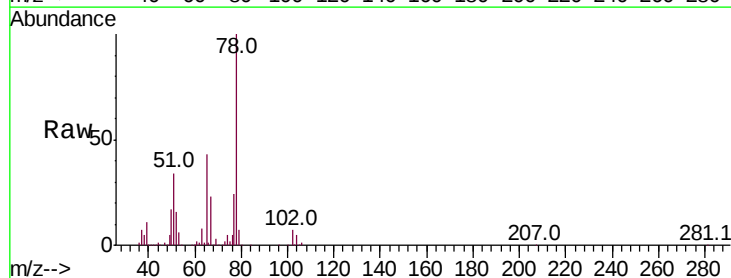
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

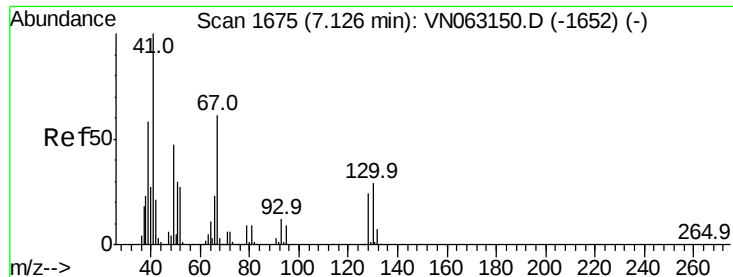
Tot Ion: 83 Resp: 154359
Ion Ratio Lower Upper
83 100
55 80.0 60.3 90.5
98 45.8 38.9 58.3



#40
Benzene
Concen: 18.304 ug/l
RT: 8.01 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Tgt Ion: 78 Resp: 429036
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

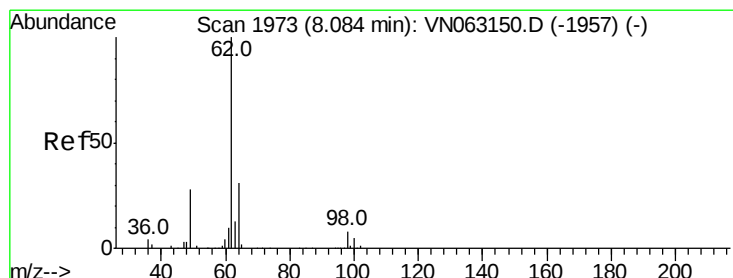
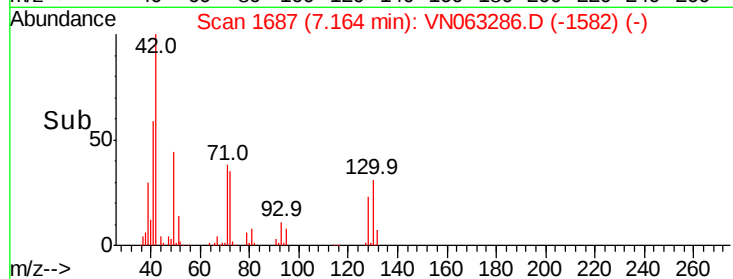
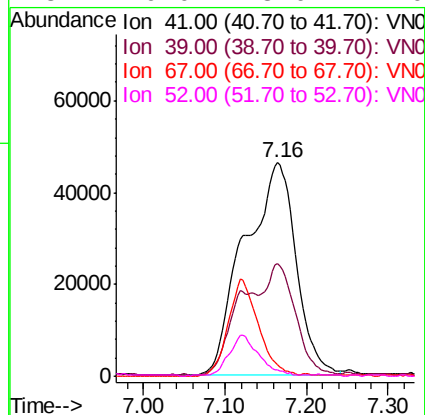
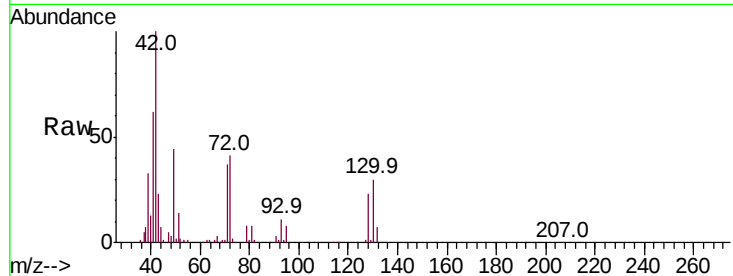




#41
Methacrylonitrile
Concen: 61.083 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

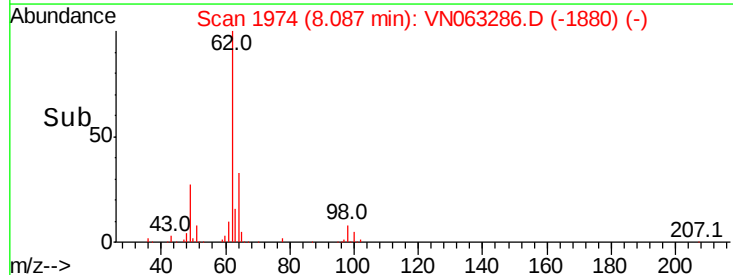
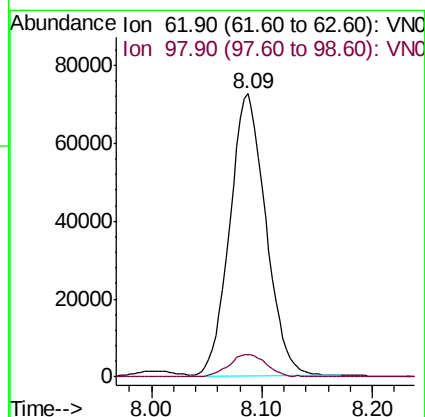
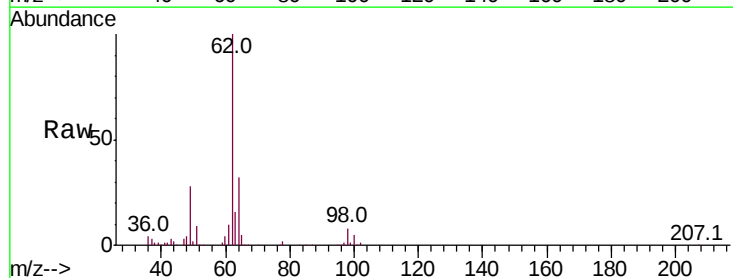
Instrument :
MSVOA_N
ClientSampled :
VN0909WBSD01

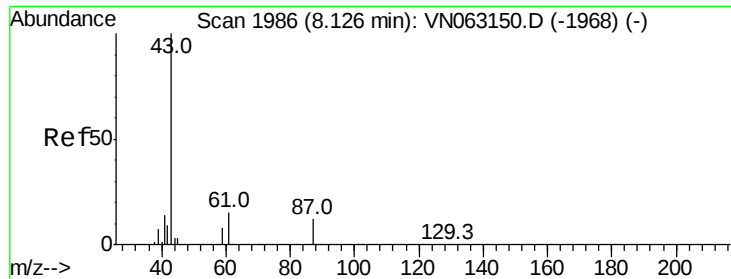
Tot Ion: 41 Resp: 205254
Ion Ratio Lower Upper
41 100
39 0.0 46.6 70.0#
67 0.0 62.6 94.0#
52 0.0 28.0 42.0#



#42
1,2-Dichloroethane
Concen: 18.811 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Tgt Ion: 62 Resp: 164700
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.2



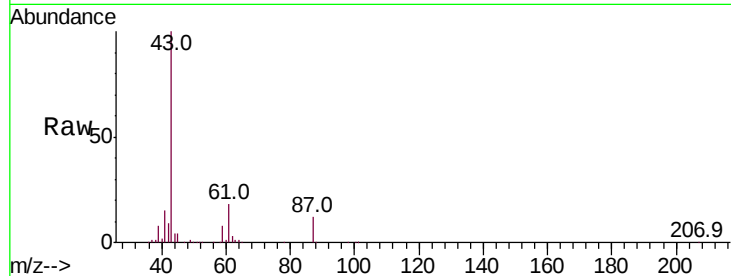


#43

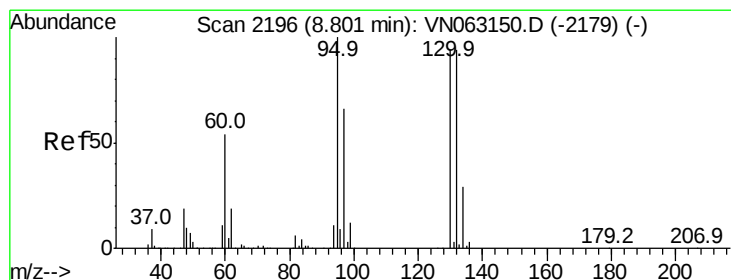
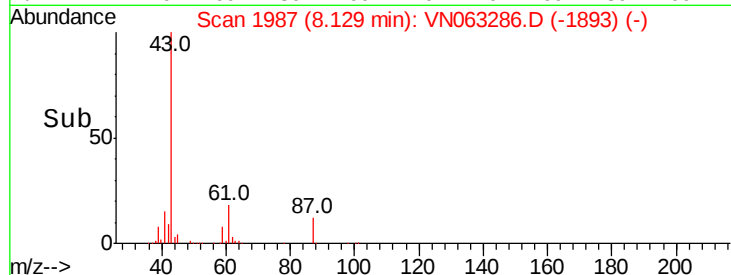
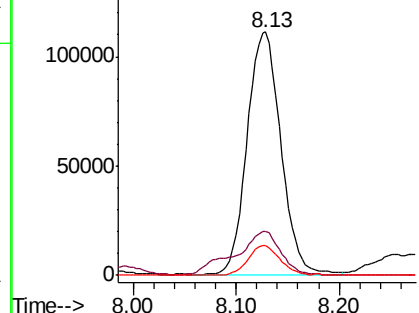
Isopropyl Acetate
 Concen: 19.478 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Tot Ion: 43 Resp: 253373
 Ion Ratio Lower Upper
 43 100
 61 24.4 20.2 30.4
 87 11.6 9.8 14.6



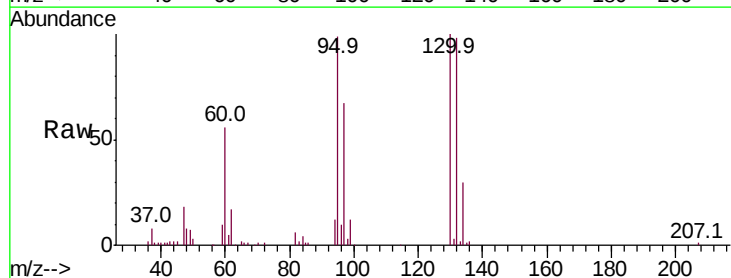
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



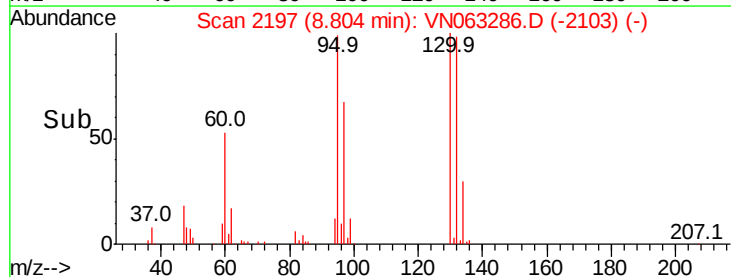
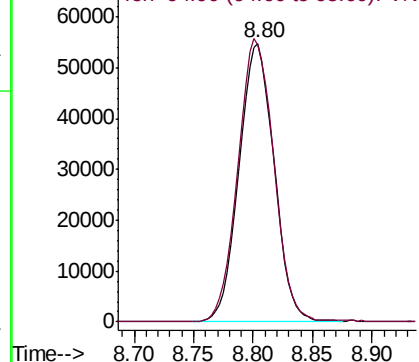
#44

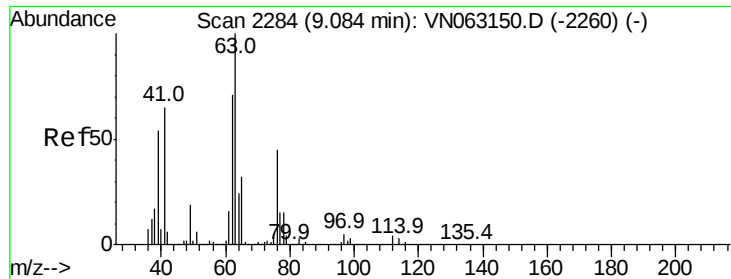
Trichloroethene
 Concen: 19.692 ug/l
 RT: 8.80 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

Tgt Ion: 130 Resp: 111955
 Ion Ratio Lower Upper
 130 100
 95 99.3 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 18.891 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

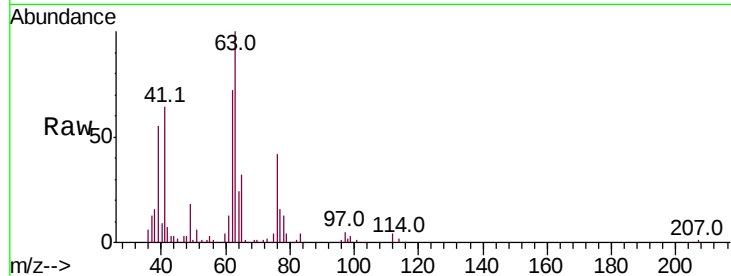
VN0909WBSD01

Tot Ion: 63 Resp: 117236

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.09

60000

50000

40000

30000

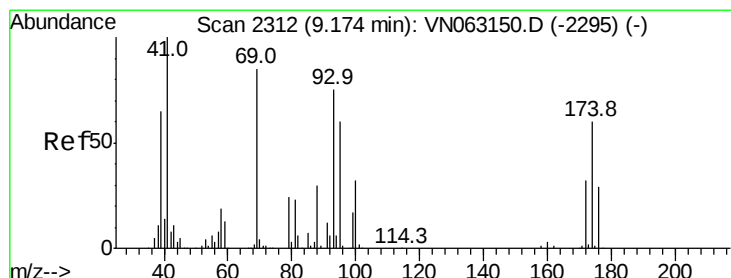
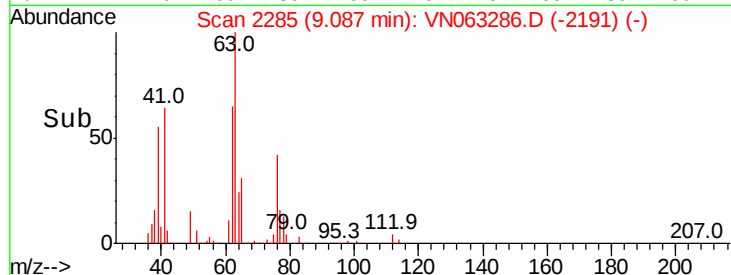
20000

10000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 18.628 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

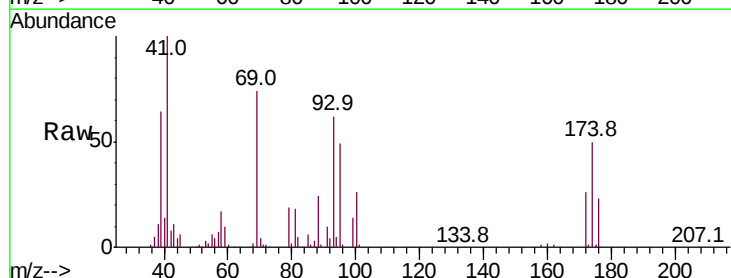
Tgt Ion: 93 Resp: 76612

Ion Ratio Lower Upper

93 100

95 81.8 65.2 97.8

174 82.6 64.6 97.0



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

50000

40000

30000

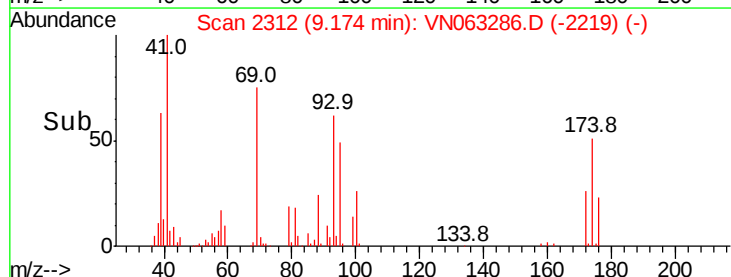
20000

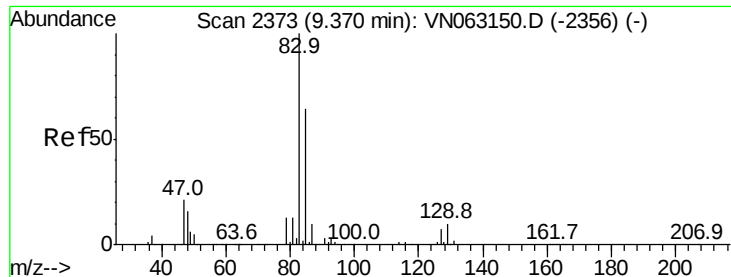
10000

0

Time-->

9.10 9.15 9.20 9.25 9.30





#47

Bromodichloromethane

Concen: 18.432 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

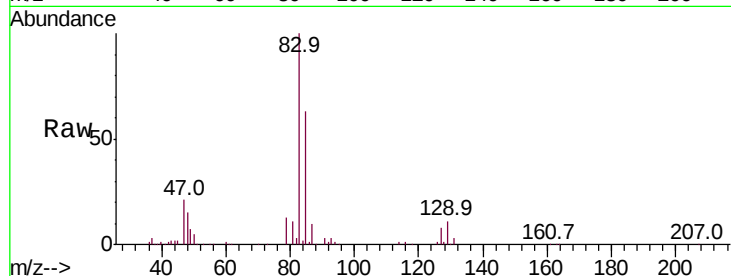
Tot Ion: 83 Resp: 162484

Ion Ratio Lower Upper

83 100

85 63.1 51.0 76.6

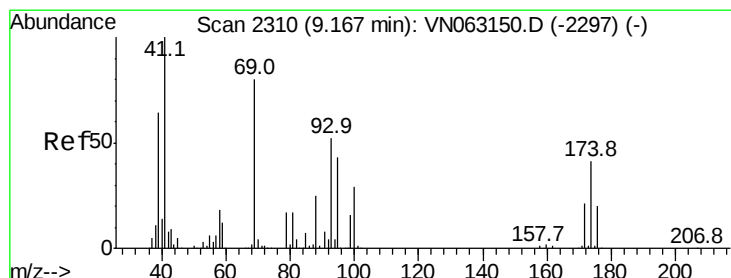
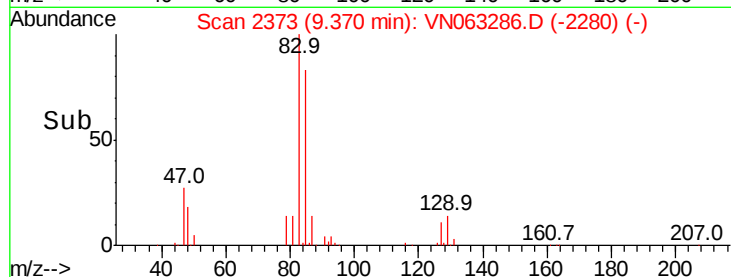
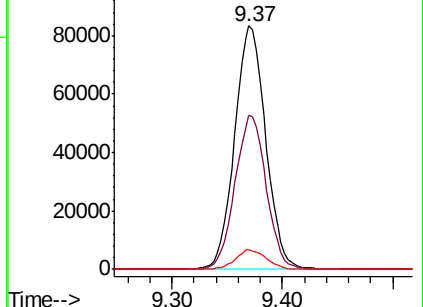
127 8.1 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 20.772 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

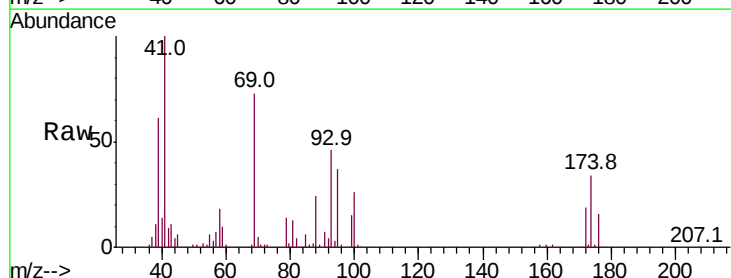
Tgt Ion: 41 Resp: 121809

Ion Ratio Lower Upper

41 100

69 77.9 65.9 98.9

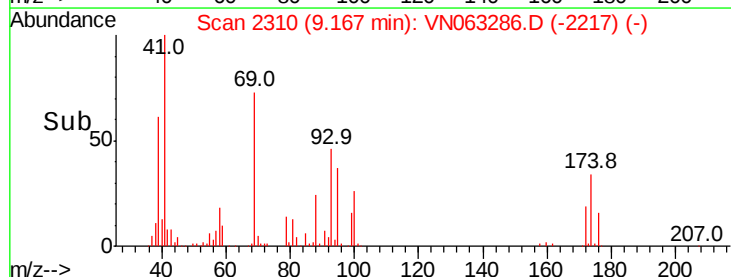
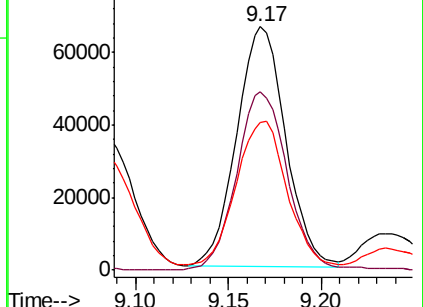
39 62.0 52.0 78.0

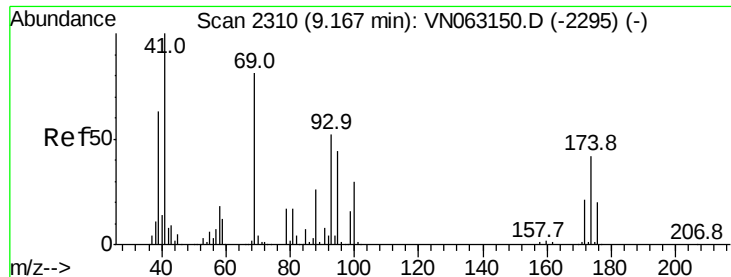


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

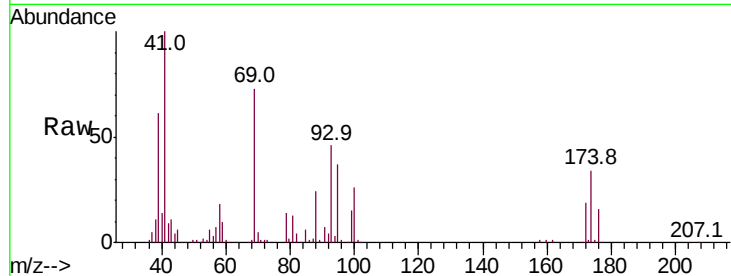




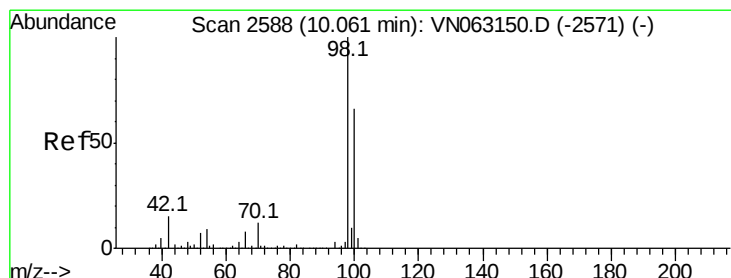
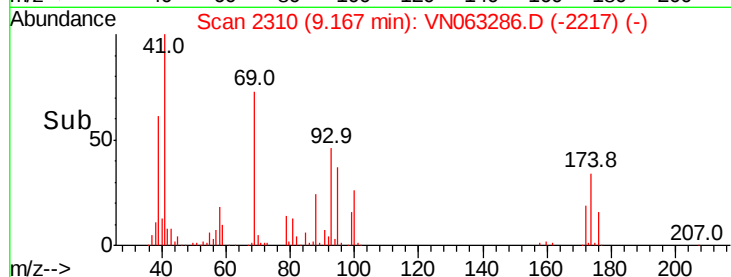
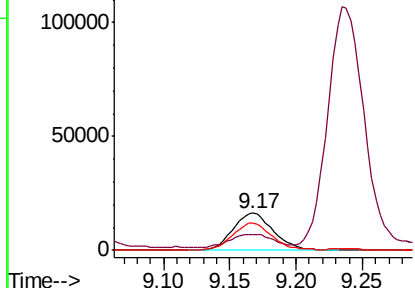
#49
 1,4-Dioxane
 Concen: 382.444 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

Instrument :
 MSVOA_N
 ClientSampled :
 VN0909WBSD01

Tot Ion: 88 Resp: 34688
 Ion Ratio Lower Upper
 88 100
 43 38.7 28.6 42.8
 58 71.7 53.2 79.8

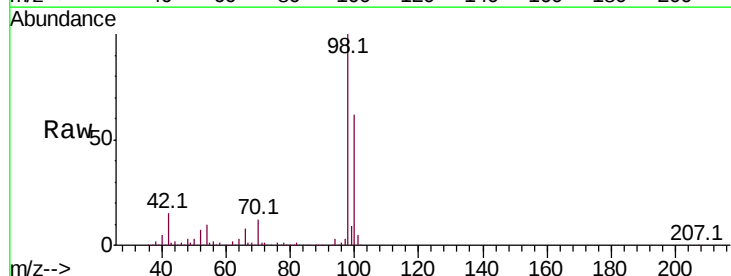


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

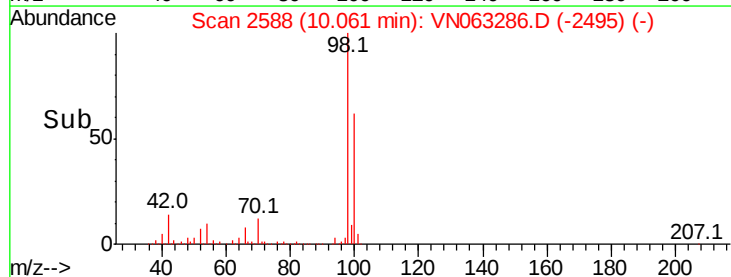
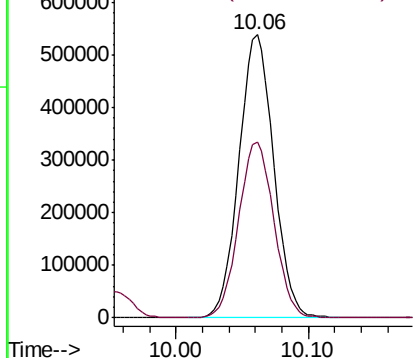


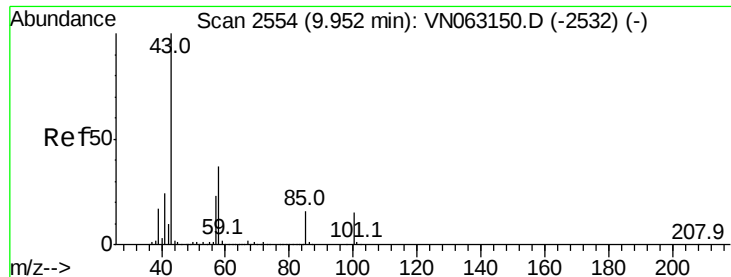
#50
 Toluene-d8
 Concen: 47.839 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

Tgt Ion: 98 Resp: 980124
 Ion Ratio Lower Upper
 98 100
 100 63.1 52.0 78.0



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: 105.616 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

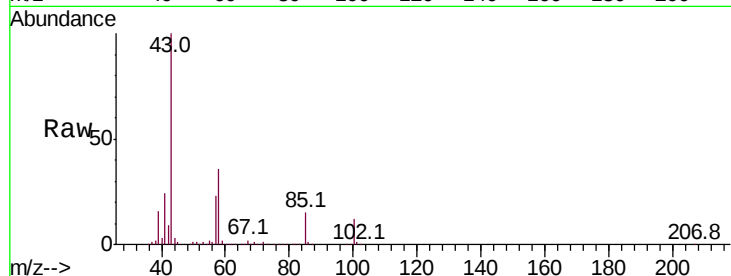
VN0909WBSD01

Tot Ion: 43 Resp: 746577

Ion Ratio Lower Upper

43 100

58 36.1 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-2532) (-)

9.95

400000

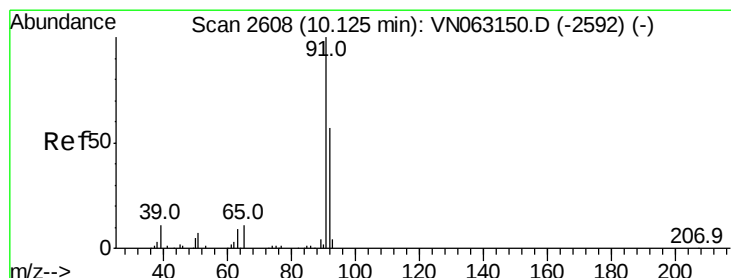
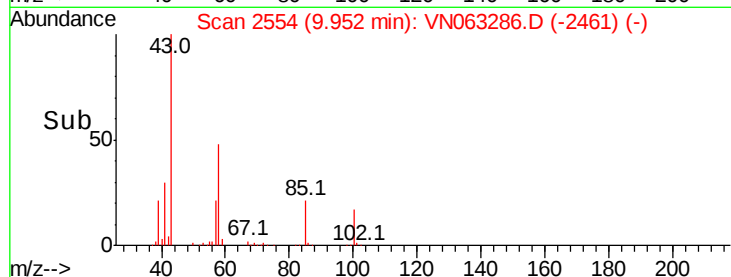
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.333 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN063286.D

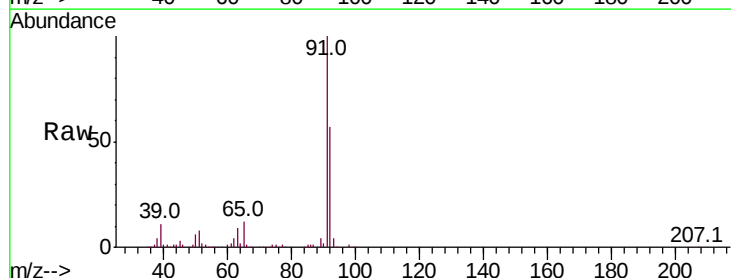
Acq: 9 Sep 2020 16:40

Tgt Ion: 92 Resp: 267694

Ion Ratio Lower Upper

92 100

91 174.1 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063150.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063150.D (-2592) (-)

300000

250000

200000

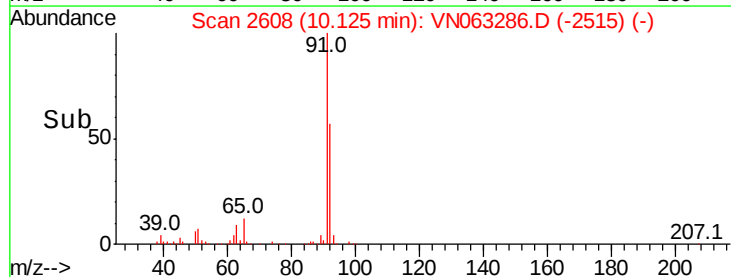
150000

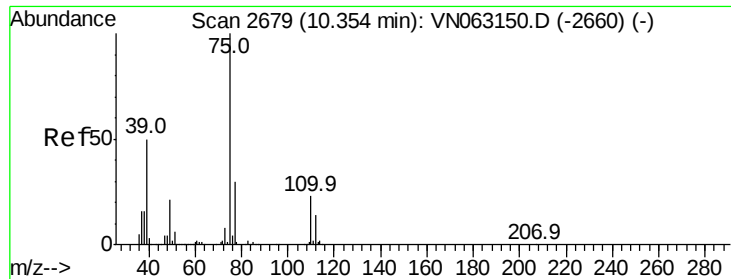
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.070 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

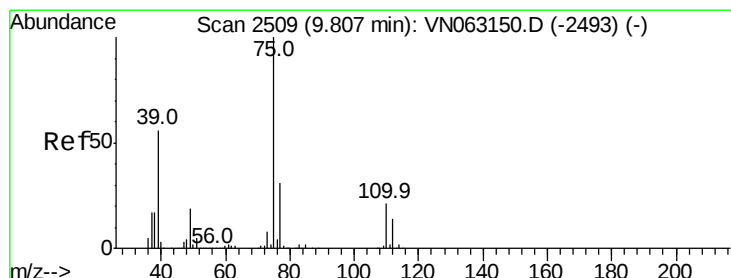
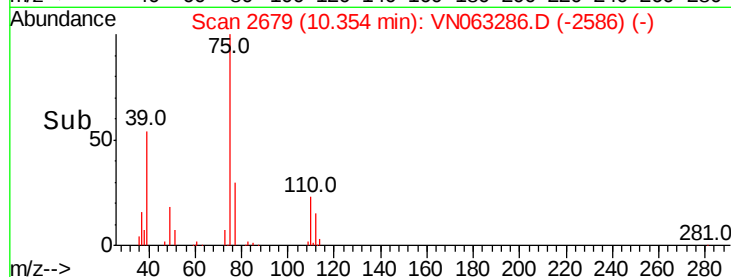
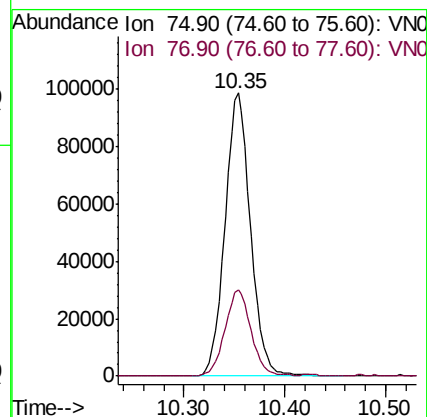
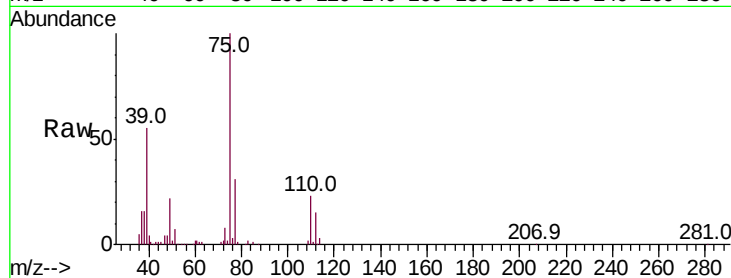
VN0909WBSD01

Tot Ion: 75 Resp: 174239

Ion Ratio Lower Upper

75 100

77 30.4 24.2 36.2



#54

cis-1,3-Dichloropropene

Concen: 18.578 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

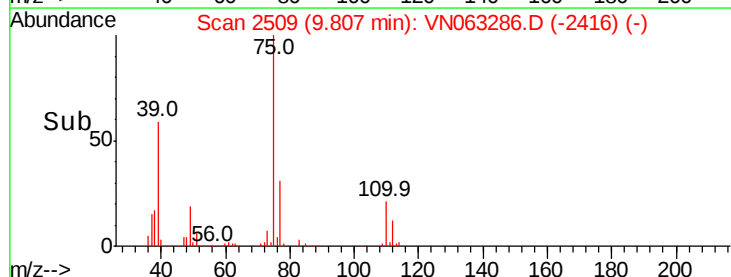
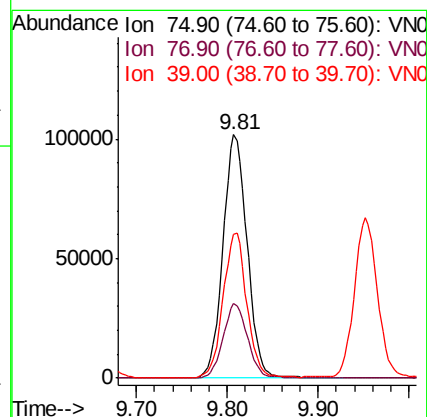
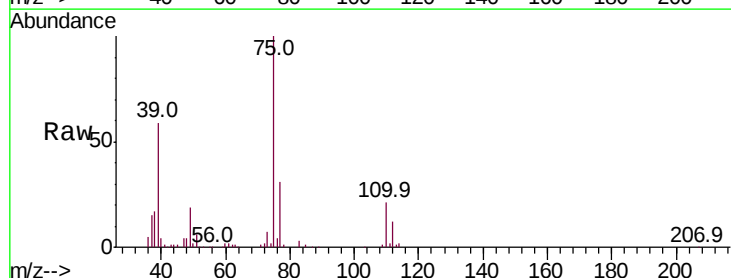
Tgt Ion: 75 Resp: 188046

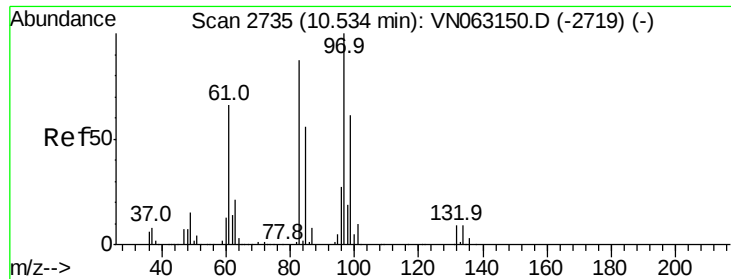
Ion Ratio Lower Upper

75 100

77 30.6 24.8 37.2

39 58.8 45.0 67.6

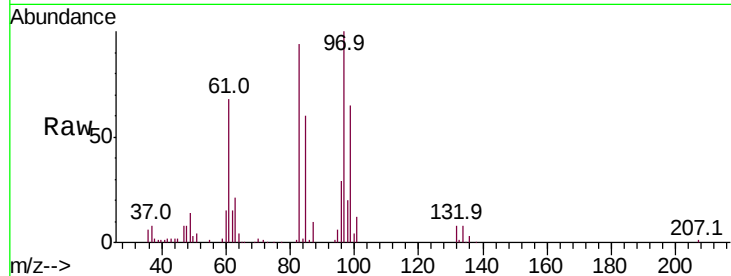




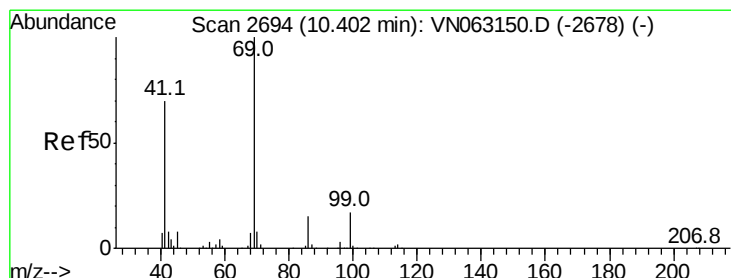
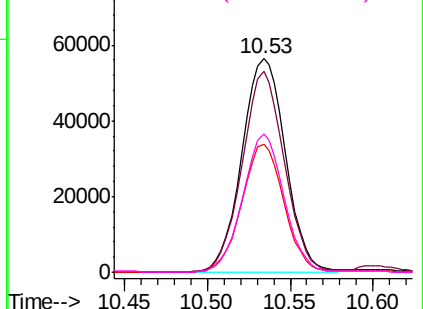
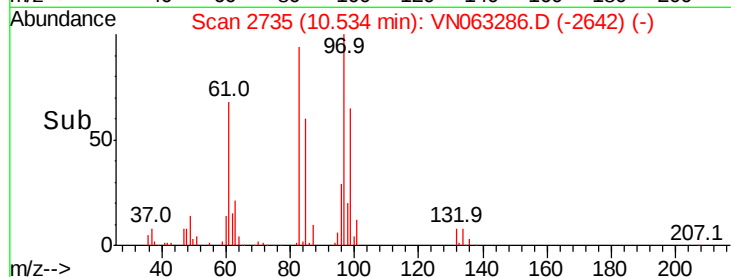
#55
 1,1,2-Trichloroethane
 Concen: 18.512 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Tot Ion: 97 Resp: 103519
 Ion Ratio Lower Upper
 97 100
 83 93.8 69.8 104.8
 85 60.1 44.9 67.3
 99 64.5 48.8 73.2

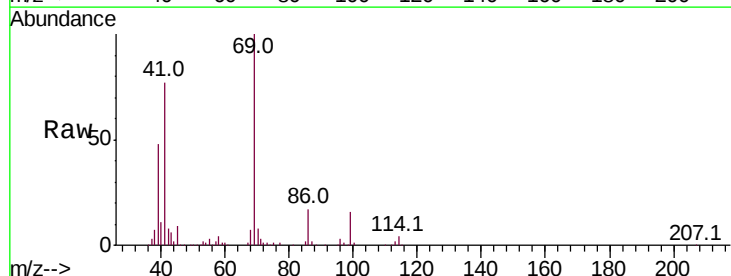


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

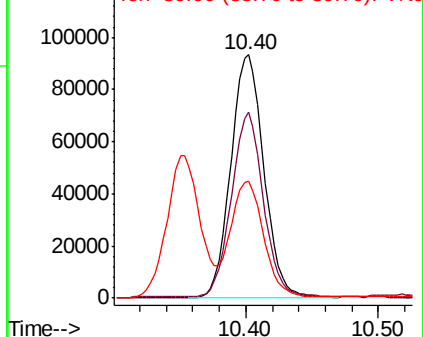
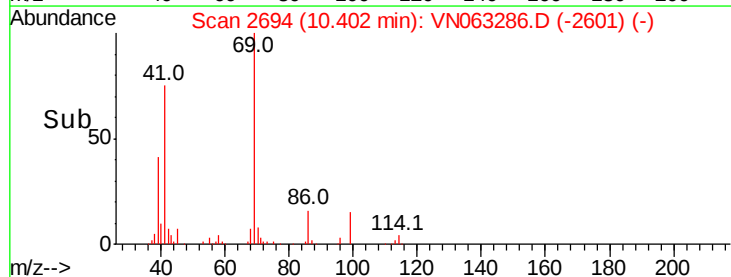


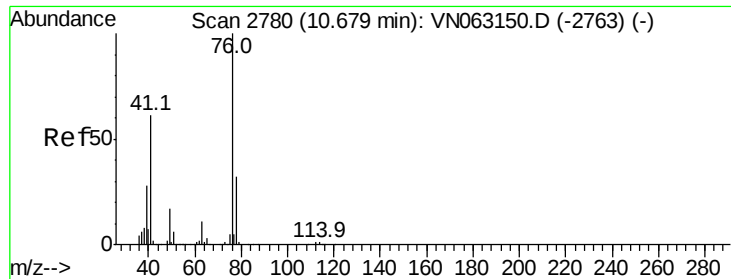
#56
 Ethyl methacrylate
 Concen: 19.093 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

Tgt Ion: 69 Resp: 162485
 Ion Ratio Lower Upper
 69 100
 41 73.0 55.5 83.3
 39 48.4 38.2 57.2



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: 18.295 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

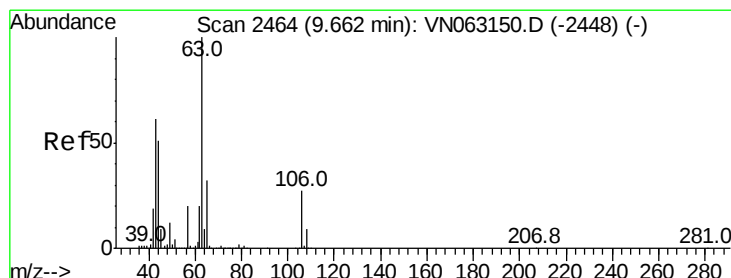
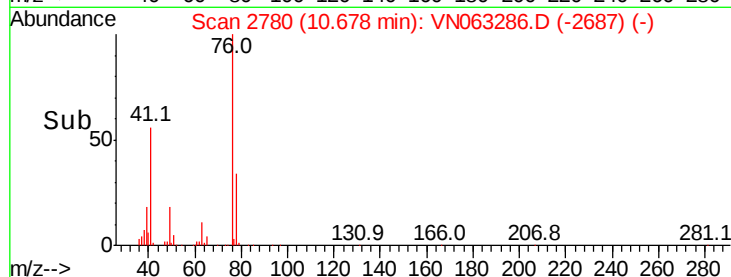
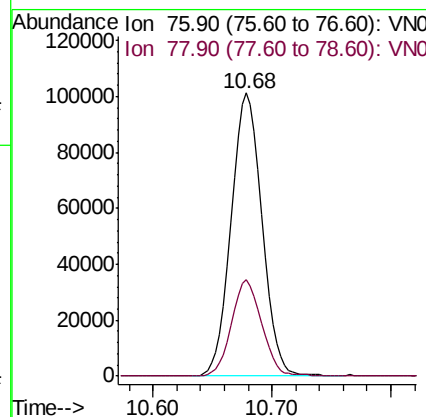
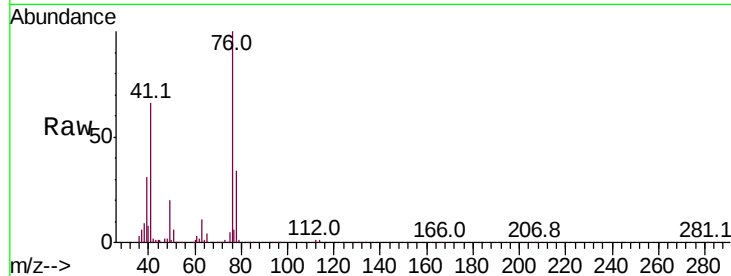
Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tot Ion: 76 Resp: 182248

Ion	Ratio	Lower	Upper
76	100		
78	33.4	25.5	38.3



#58

2-Chloroethyl Vinyl ether

Concen: 98.022 ug/l

RT: 9.67 min Scan# 2465

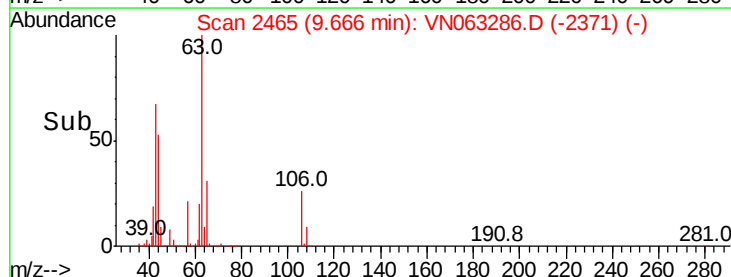
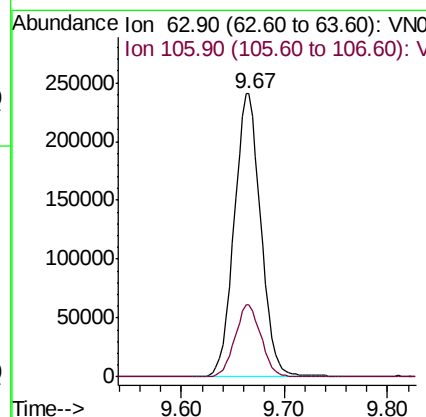
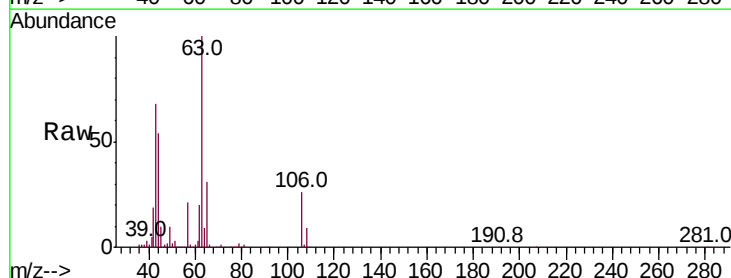
Delta R.T. 0.00 min

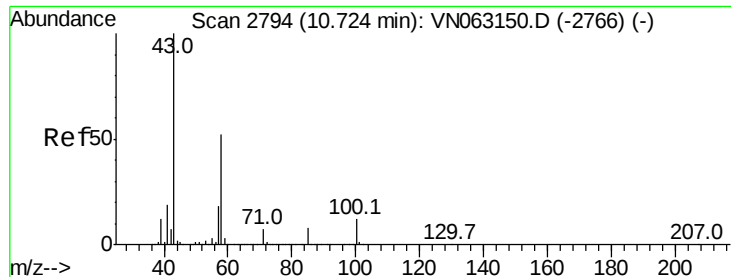
Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Tgt Ion: 63 Resp: 431961

Ion	Ratio	Lower	Upper
63	100		
106	25.1	21.8	32.6

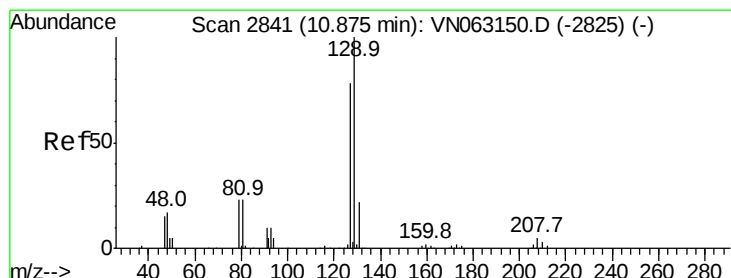
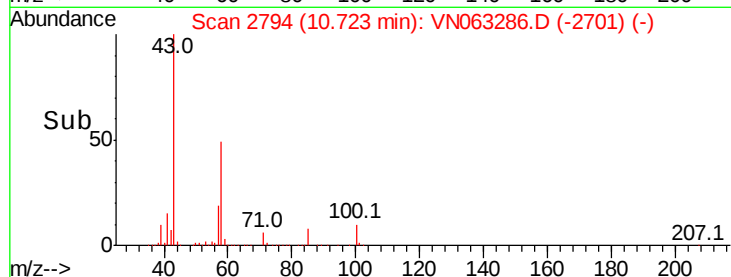
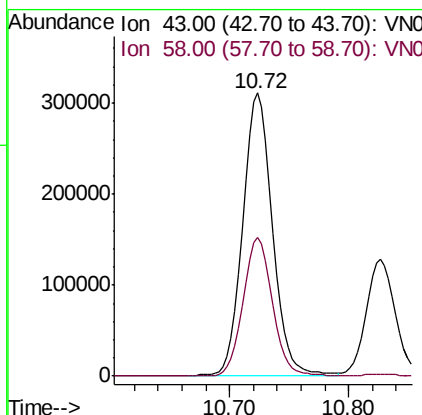
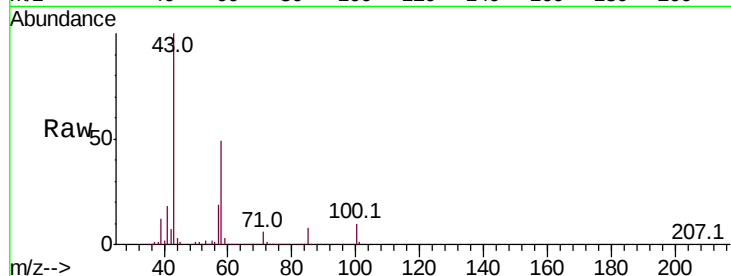




#59
2-Hexanone
Concen: 107.312 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

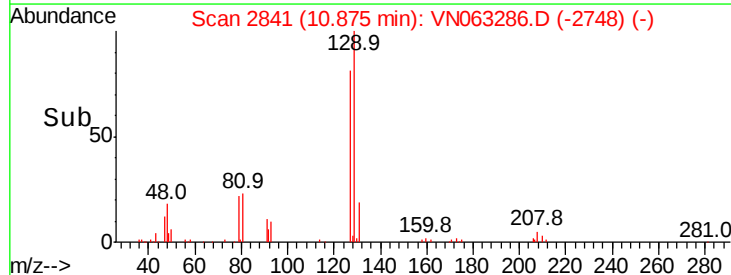
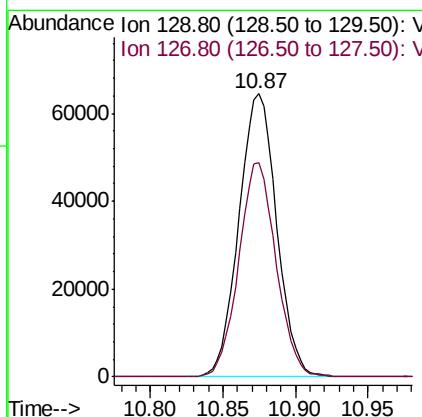
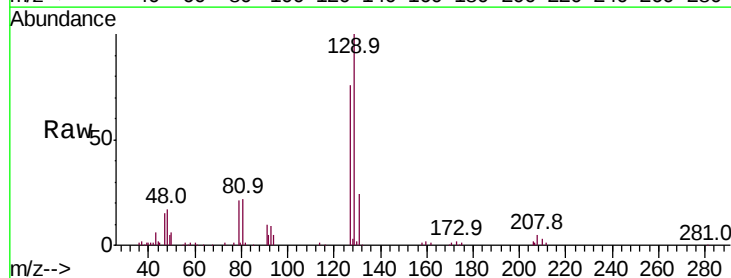
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

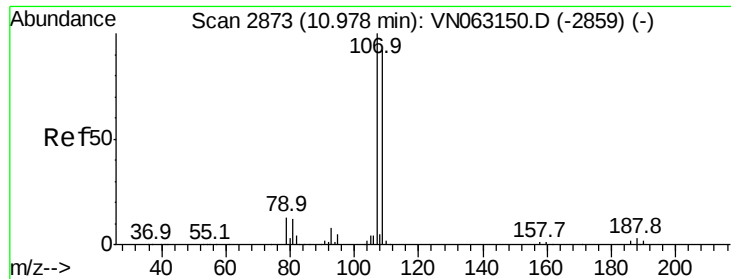
Tot Ion: 43 Resp: 533106
Ion Ratio Lower Upper
43 100
58 49.0 25.9 77.8



#60
Dibromochloromethane
Concen: 18.931 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Tgt Ion: 129 Resp: 117034
Ion Ratio Lower Upper
129 100
127 74.6 39.0 117.0

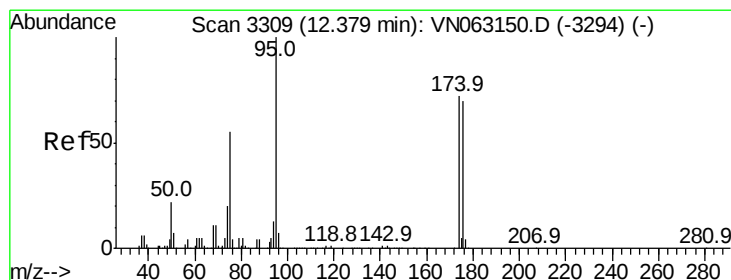
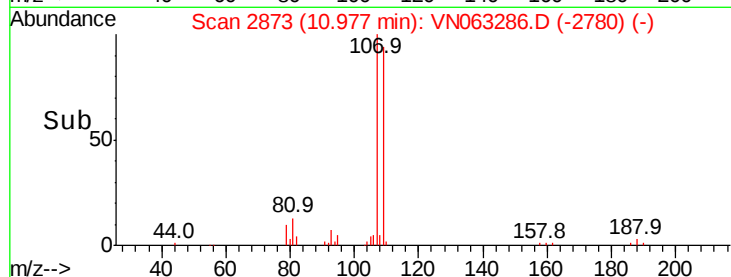
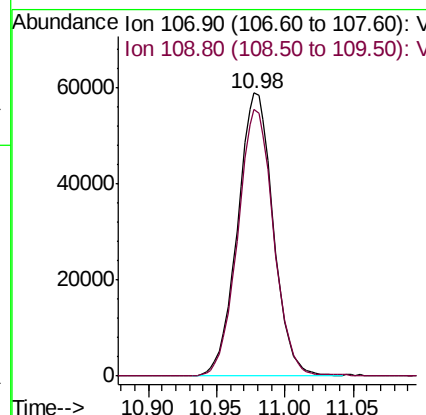
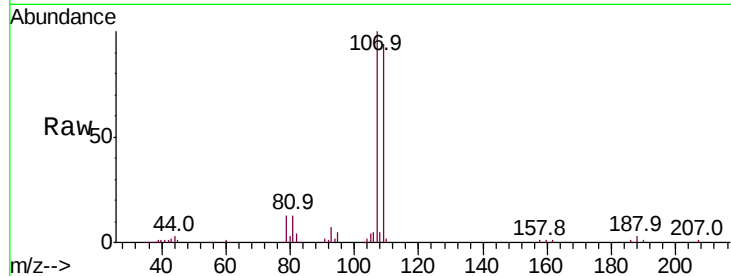




#61
 1,2-Dibromoethane
 Concen: 18.370 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

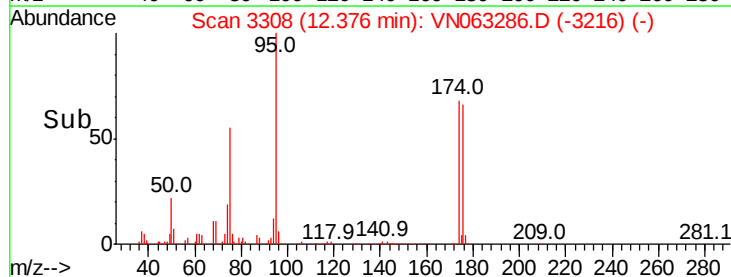
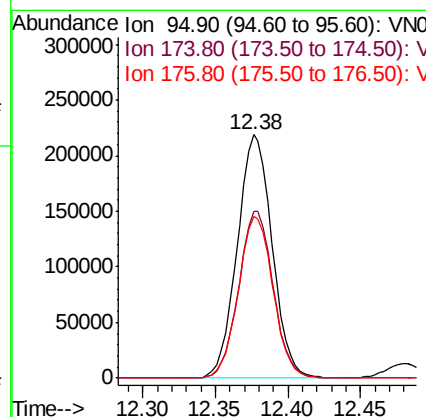
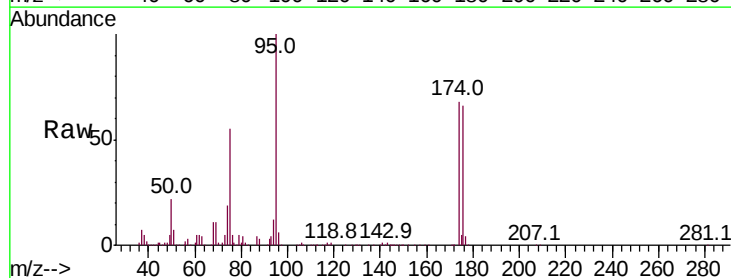
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

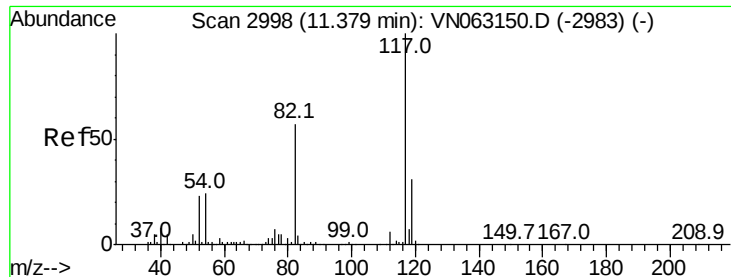
Tot Ion:107 Resp: 106782
 Ion Ratio Lower Upper
 107 100
 109 94.6 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 51.005 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

Tgt Ion: 95 Resp: 365542
 Ion Ratio Lower Upper
 95 100
 174 68.1 0.0 143.8
 176 66.3 0.0 138.4

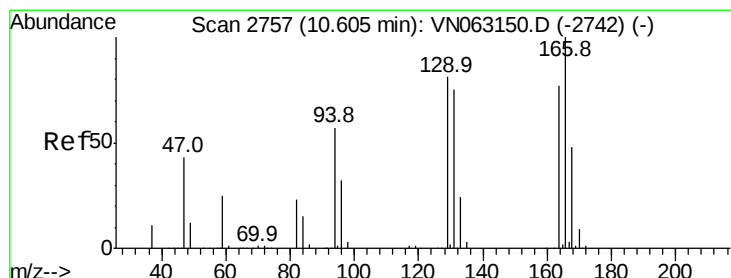
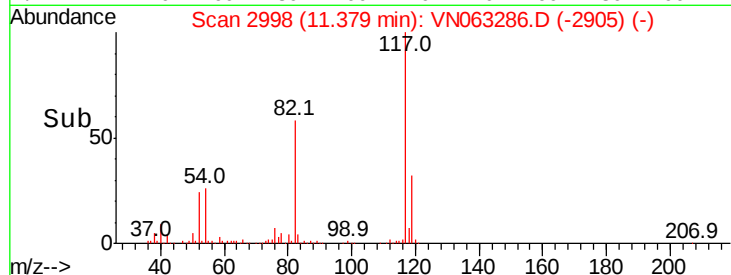
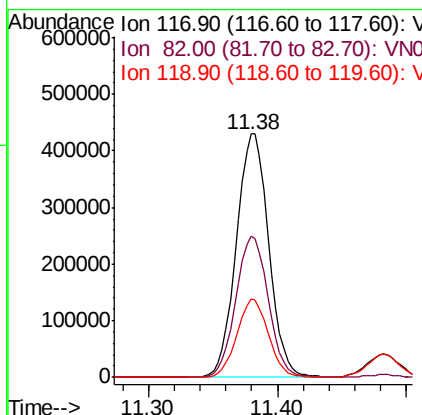
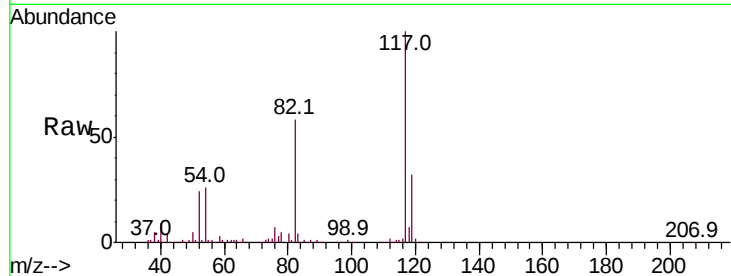




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

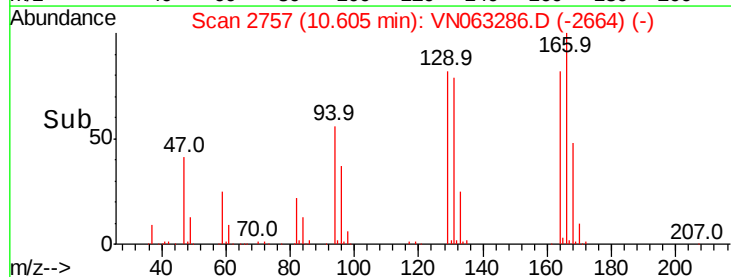
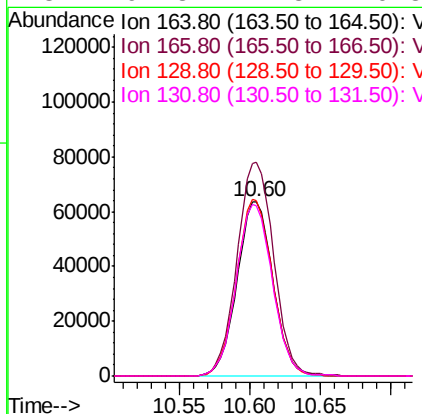
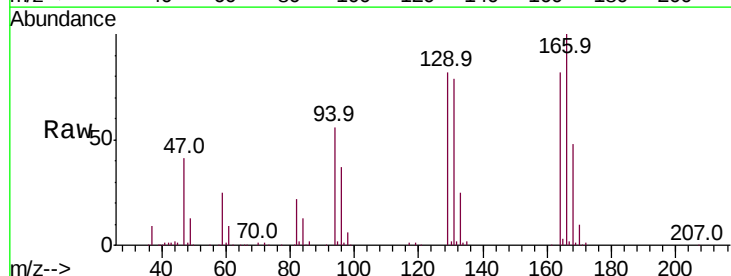
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

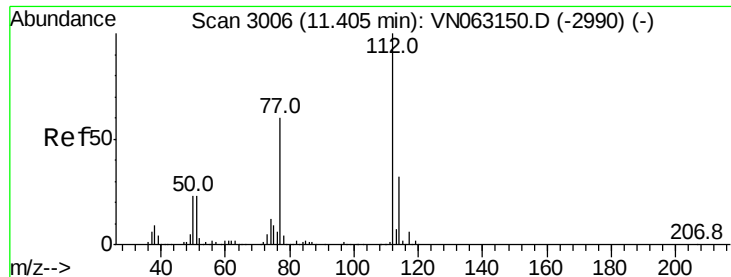
Tot Ion:117 Resp: 752132
Ion Ratio Lower Upper
117 100
82 58.1 45.4 68.0
119 32.2 24.6 37.0



#64
Tetrachloroethene
Concen: 21.022 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Tgt Ion:164 Resp: 113540
Ion Ratio Lower Upper
164 100
166 122.5 103.4 155.2
129 100.4 83.4 125.0
131 97.3 77.8 116.8

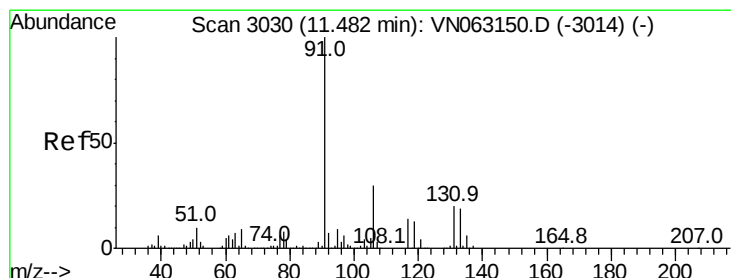
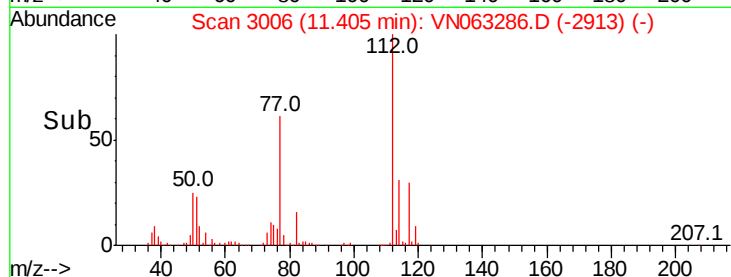
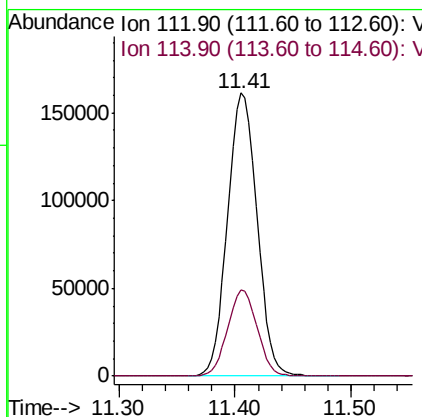
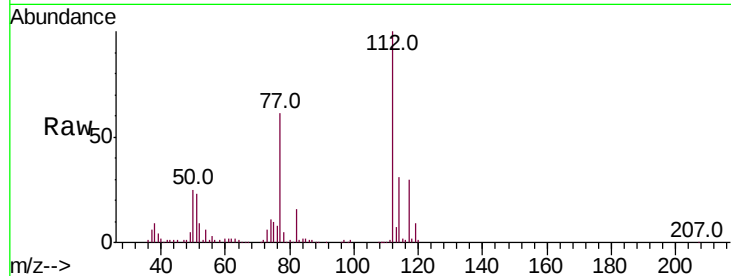




#65
Chlorobenzene
Concen: 18.796 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

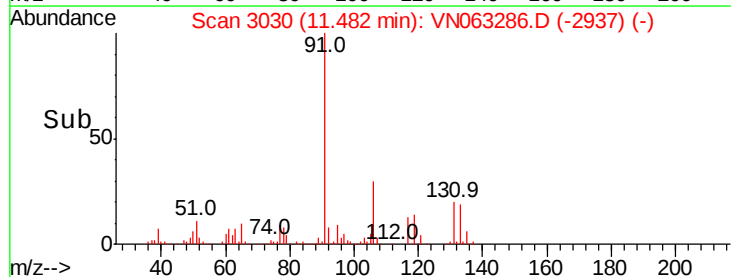
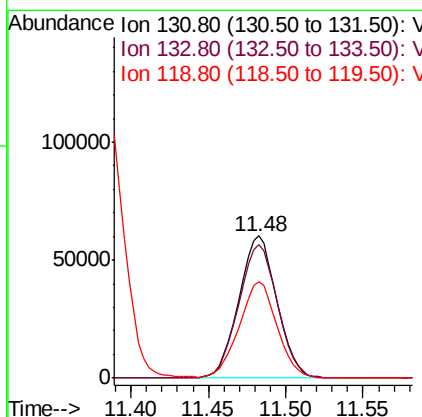
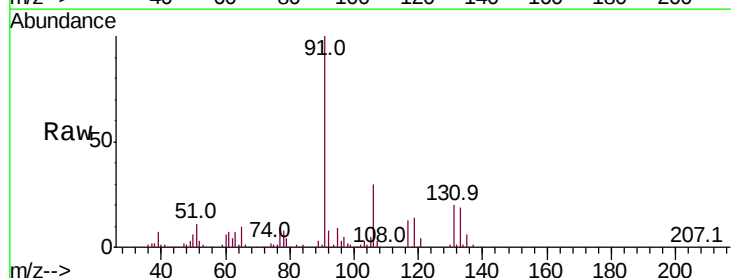
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

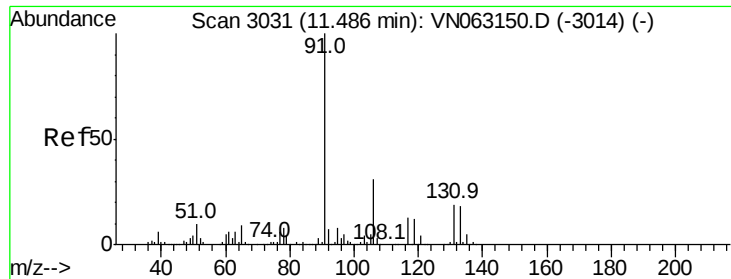
Tot Ion:112 Resp: 284735
Ion Ratio Lower Upper
112 100
114 30.5 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.372 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Tgt Ion:131 Resp: 103335
Ion Ratio Lower Upper
131 100
133 96.0 47.3 142.0
119 67.7 32.4 97.0

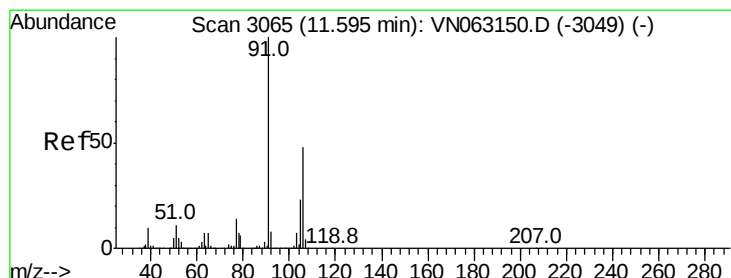
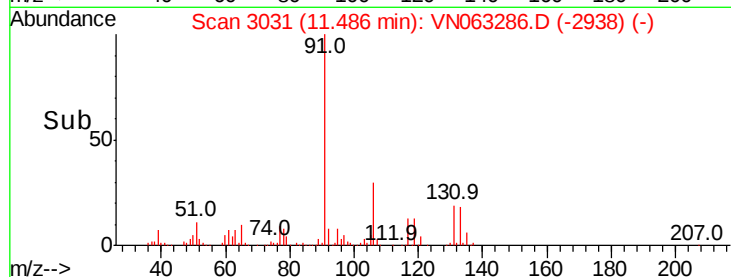
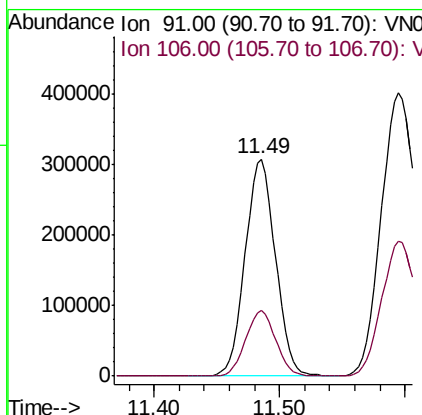
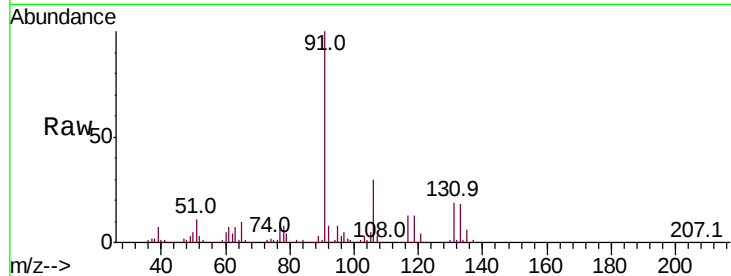




#67
Ethyl Benzene
Concen: 18.735 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

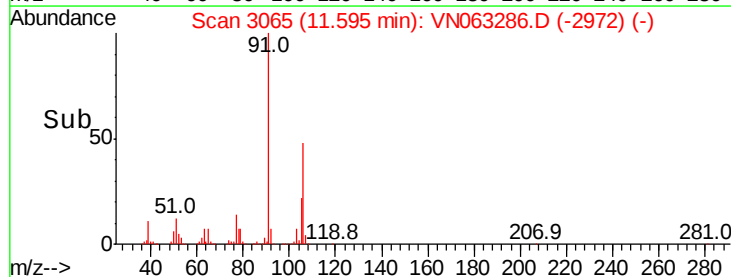
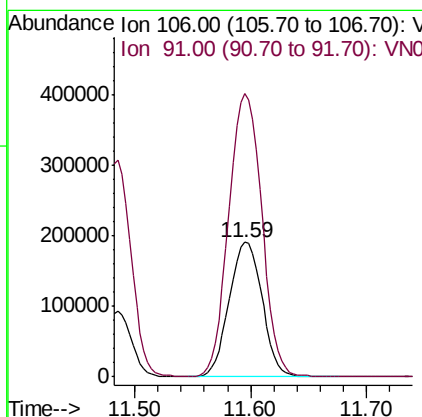
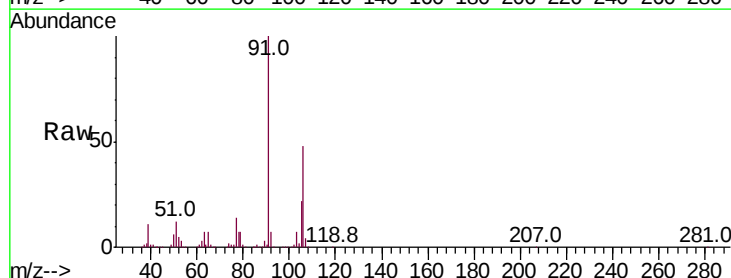
Instrument :
MSVOA_N
ClientSampled :
VN0909WBSD01

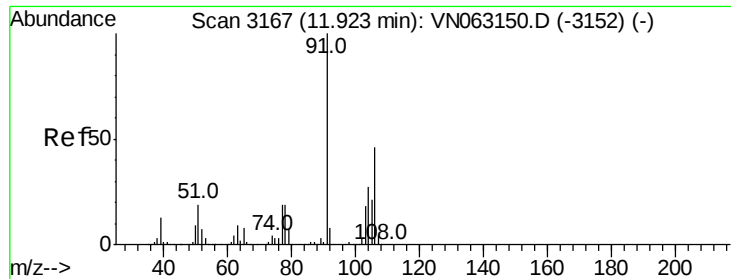
Tot Ion: 91 Resp: 517767
Ion Ratio Lower Upper
91 100
106 30.2 24.4 36.6



#68
m/p-Xylenes
Concen: 36.682 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Tgt Ion: 106 Resp: 375453
Ion Ratio Lower Upper
106 100
91 211.6 166.7 250.1

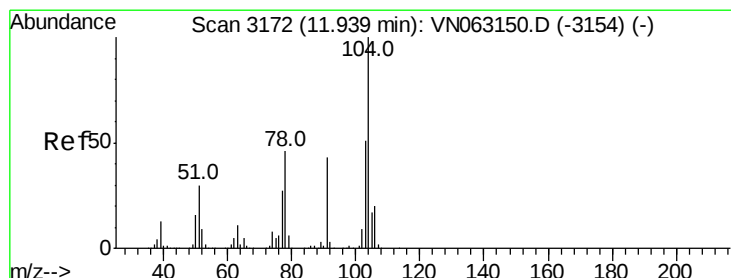
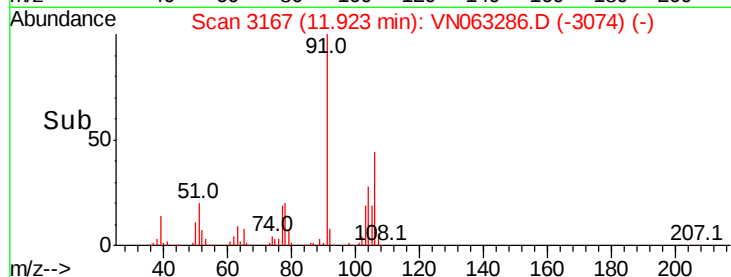
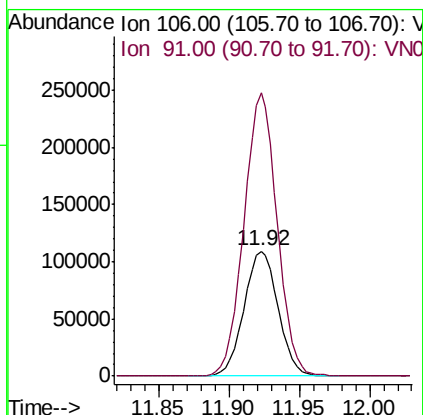
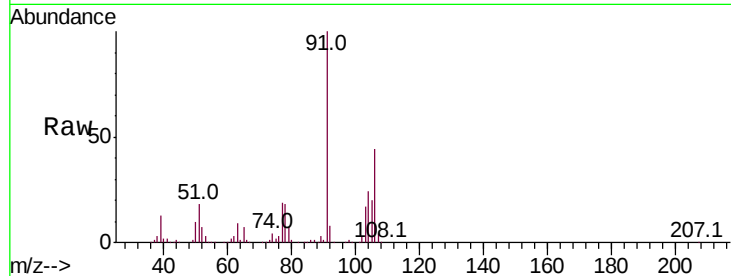




#69
o-Xylene
Concen: 18.683 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

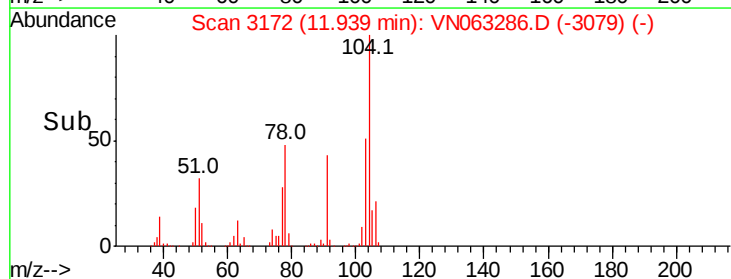
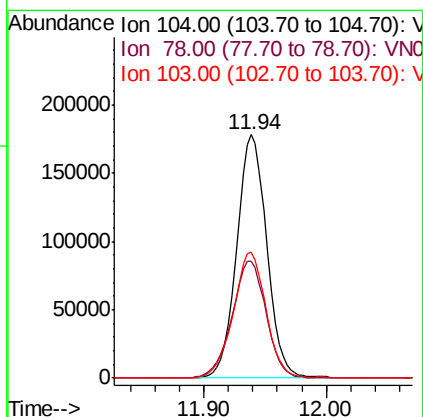
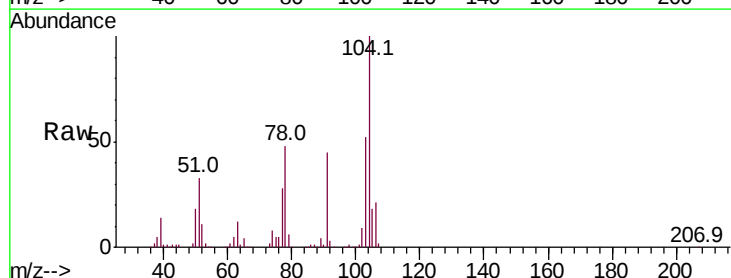
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

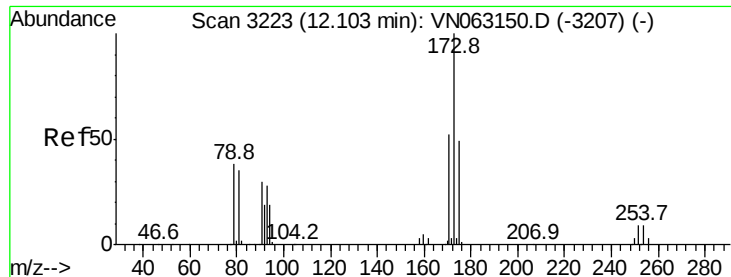
Tot Ion:106 Resp: 184734
Ion Ratio Lower Upper
106 100
91 221.2 108.6 325.6



#70
Styrene
Concen: 17.851 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Tgt Ion:104 Resp: 303339
Ion Ratio Lower Upper
104 100
78 54.8 41.0 61.6
103 56.3 43.8 65.8





#71

Bromoform

Concen: 18.797 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

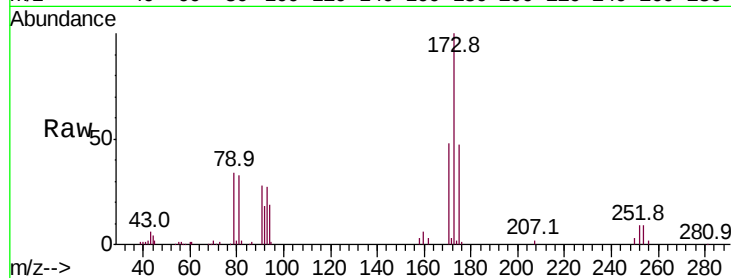
Tot Ion:173 Resp: 71748

Ion Ratio Lower Upper

173 100

175 47.5 24.6 73.8

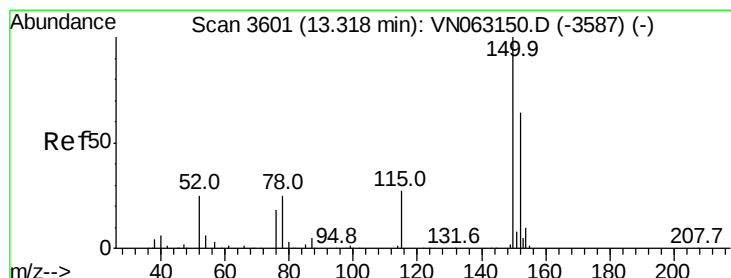
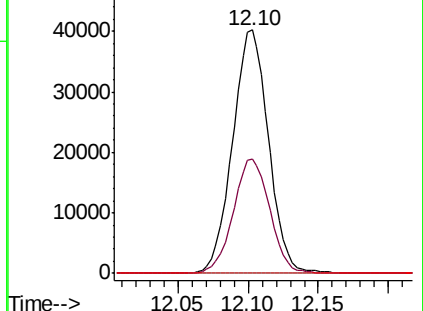
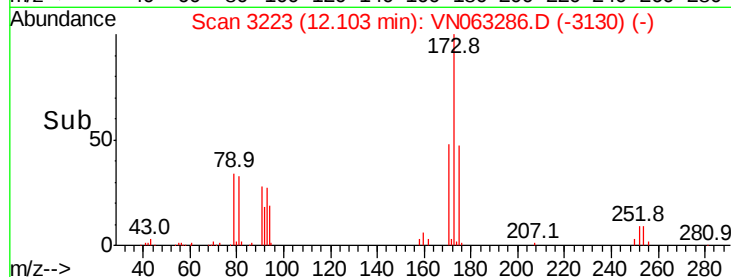
254 0.0 0.0 0.0



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# 3601

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

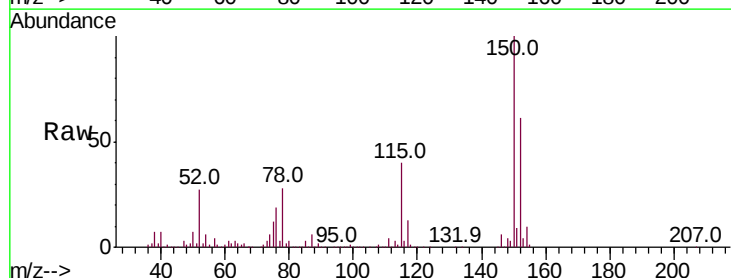
Tgt Ion:152 Resp: 332640

Ion Ratio Lower Upper

152 100

115 65.2 32.0 96.2

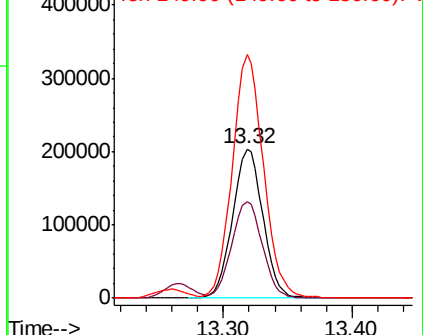
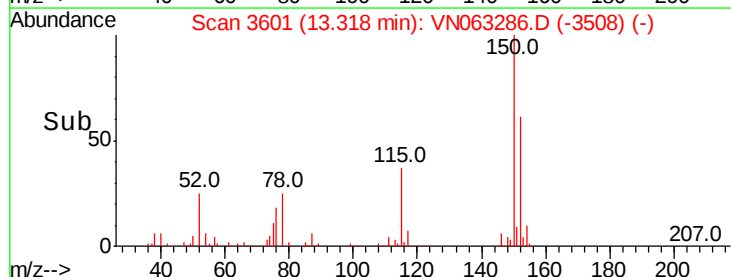
150 168.1 0.0 353.0

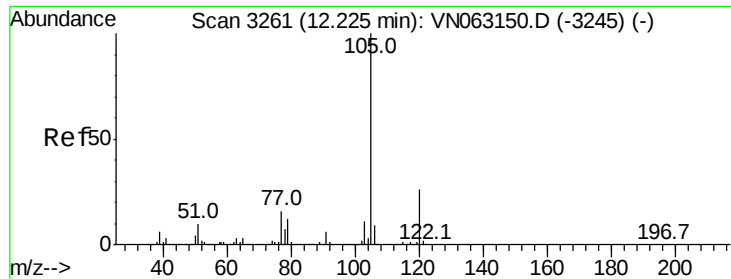


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

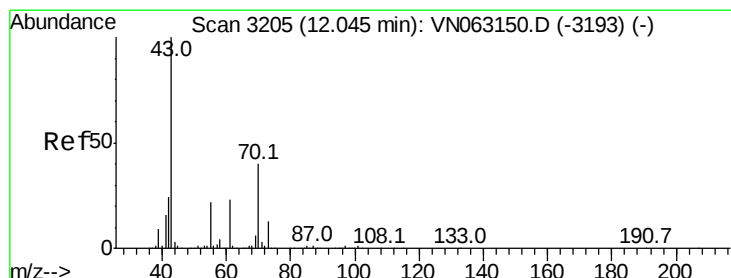
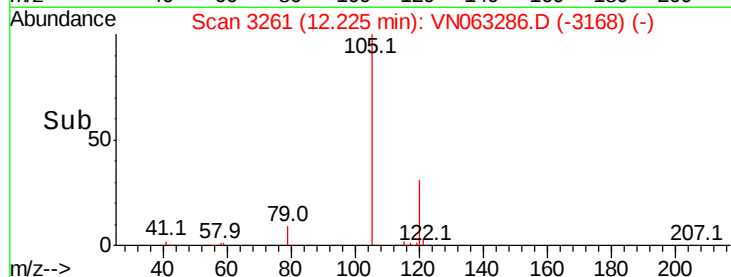
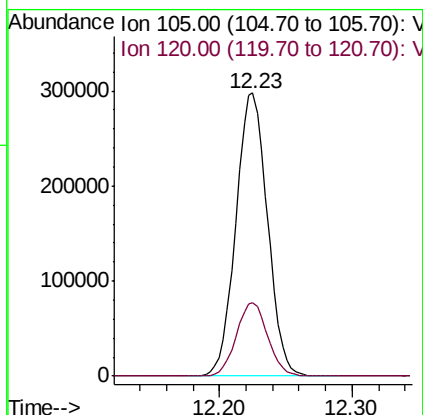
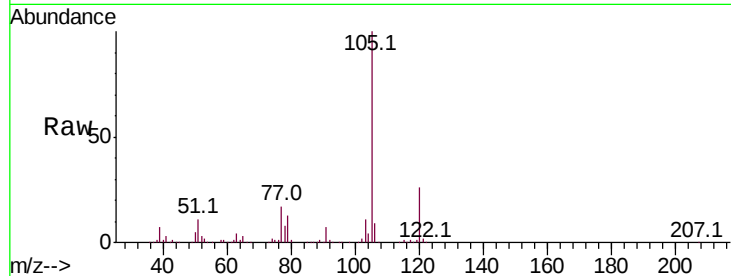




#73
Isopropylbenzene
Concen: 19.259 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

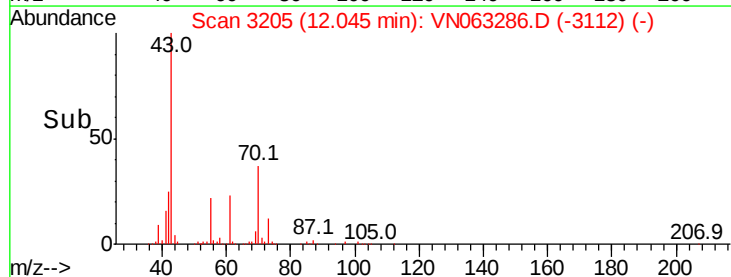
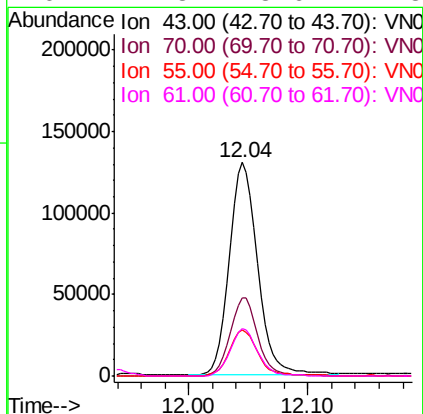
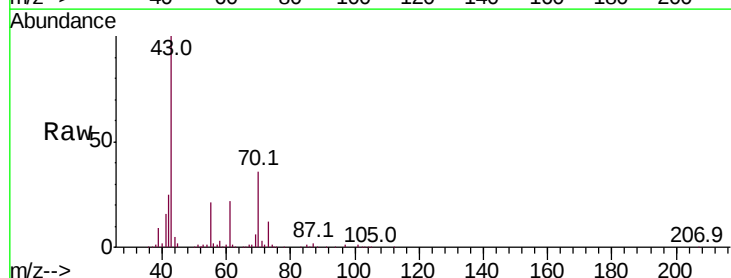
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

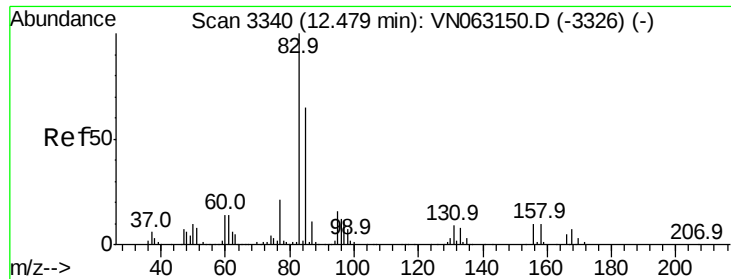
Tot Ion:105 Resp: 491368
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.6



#74
N-ethyl acetate
Concen: 20.415 ug/l
RT: 12.04 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063286.D
Acq: 9 Sep 2020 16:40

Tgt Ion: 43 Resp: 215746
Ion Ratio Lower Upper
43 100
70 36.1 32.1 48.1
55 21.9 17.4 26.0
61 21.8 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 18.883 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

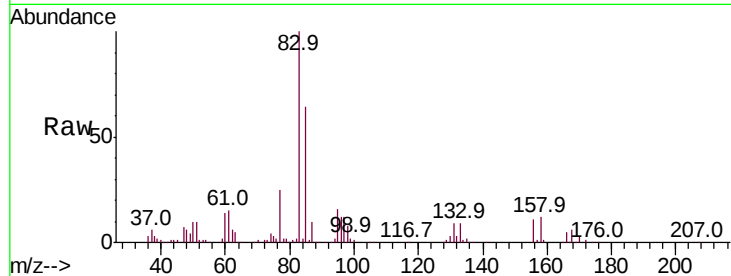
Tot Ion: 83 Resp: 138893

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.0

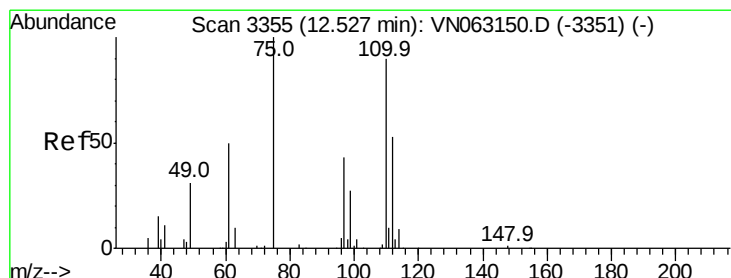
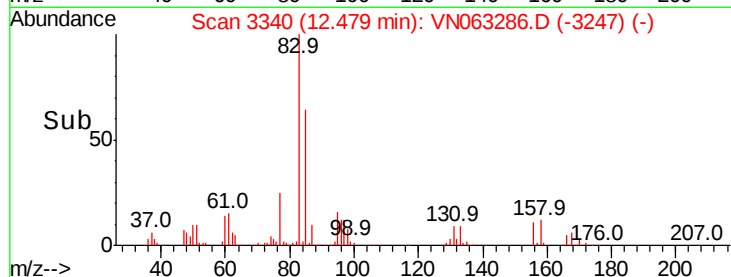
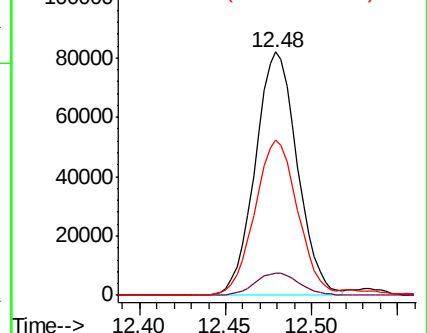
85 65.3 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VN063150.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN063150.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN063150.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 29.914 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063286.D

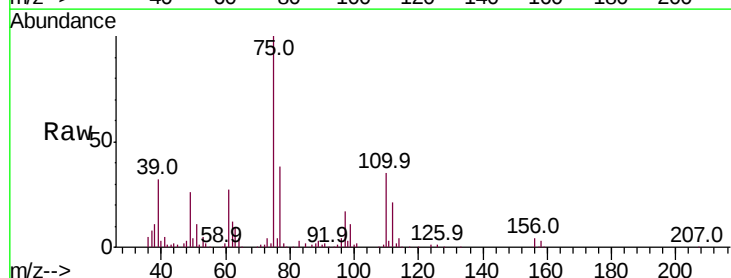
Acq: 9 Sep 2020 16:40

Tgt Ion: 75 Resp: 195510

Ion Ratio Lower Upper

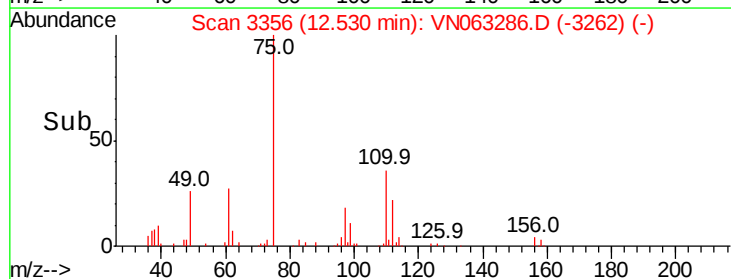
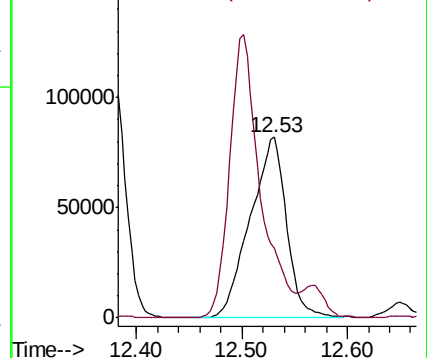
75 100

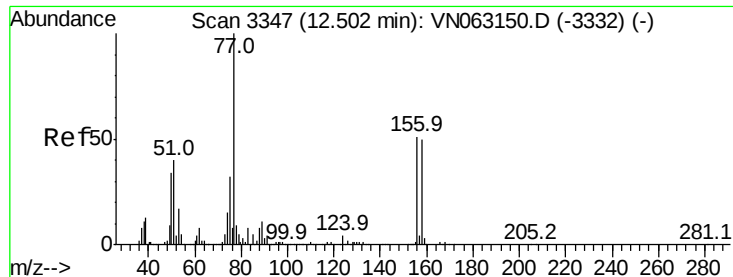
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063150.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN063150.D (-3351) (-)





#77

Bromobenzene

Concen: 19.323 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

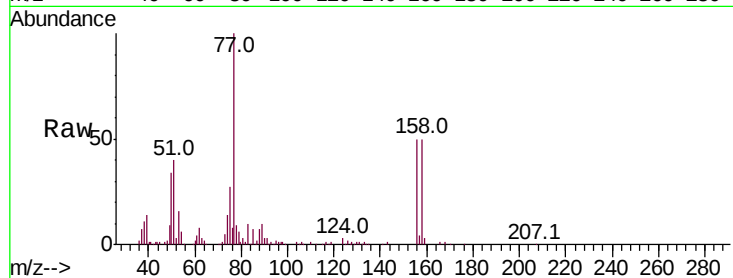
Tot Ion:156 Resp: 111497

Ion Ratio Lower Upper

156 100

77 235.1 116.1 348.3

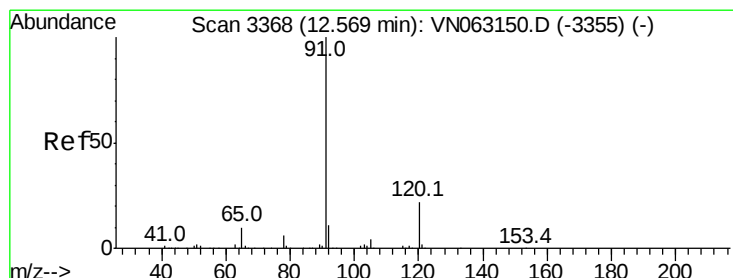
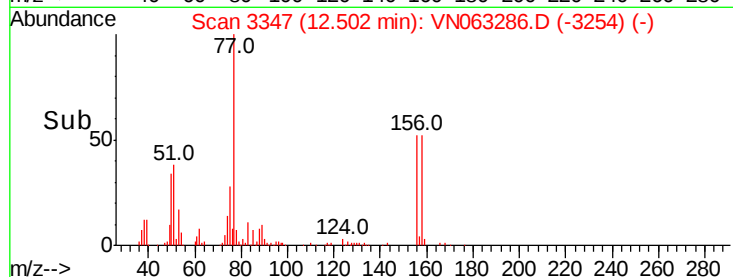
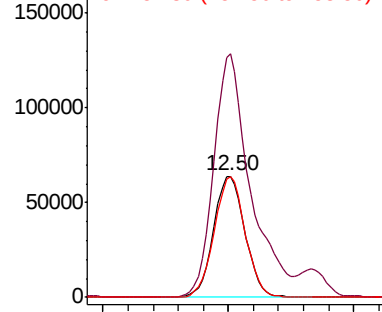
158 98.2 48.8 146.4



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: 19.160 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063286.D

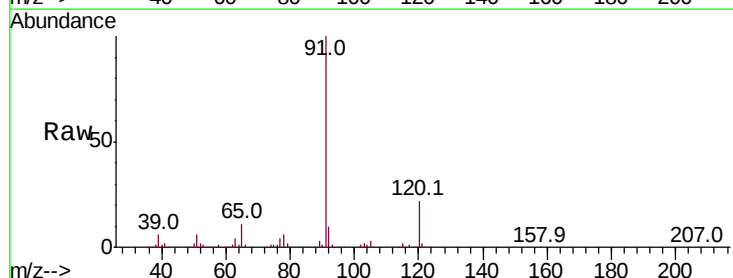
Acq: 9 Sep 2020 16:40

Tgt Ion: 91 Resp: 565653

Ion Ratio Lower Upper

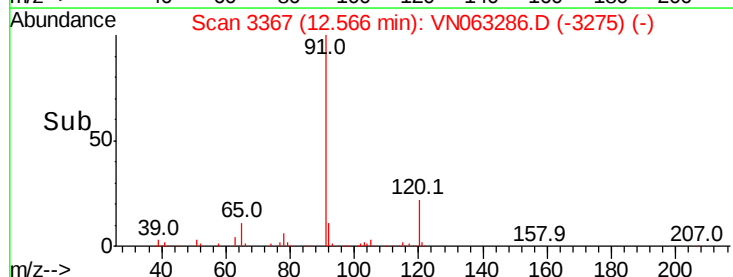
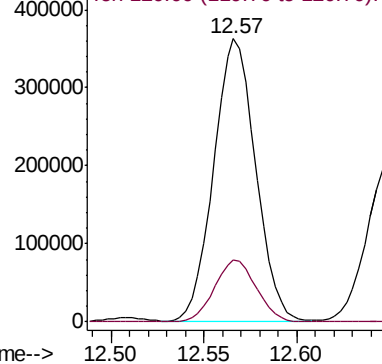
91 100

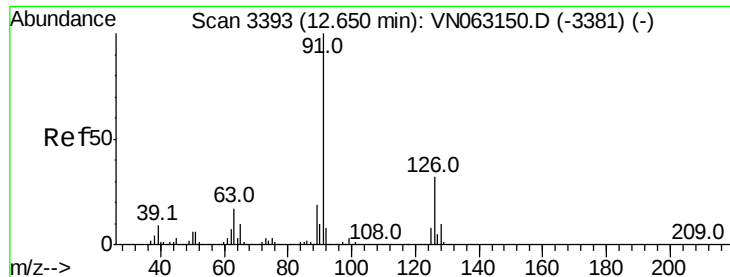
120 22.1 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

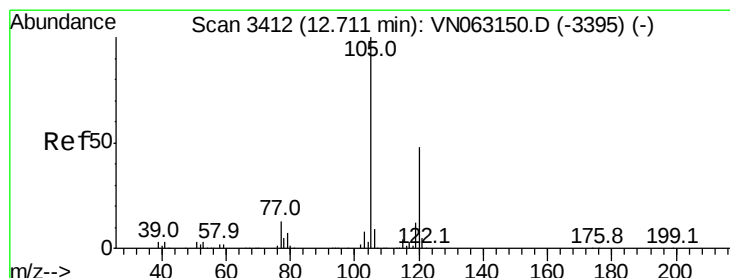
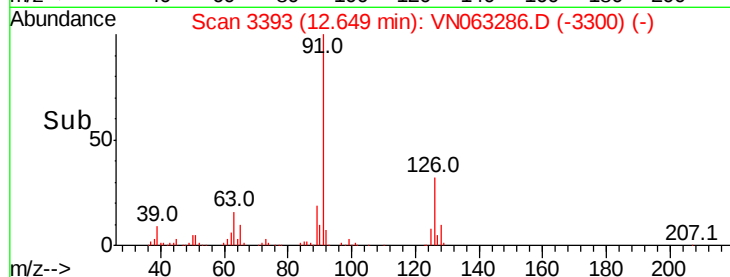
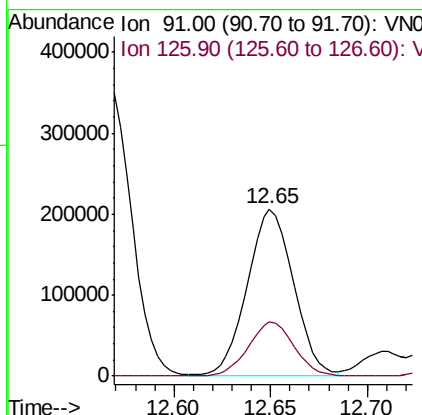
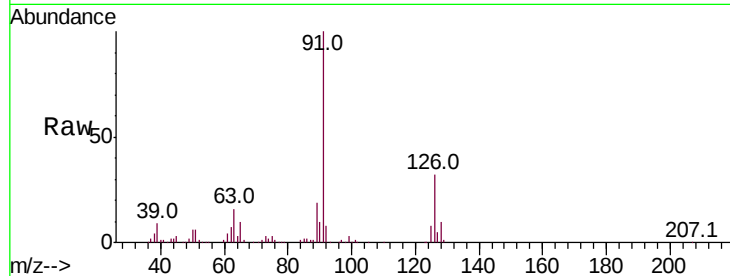




#79
 2-Chlorotoluene
 Concen: 19.256 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

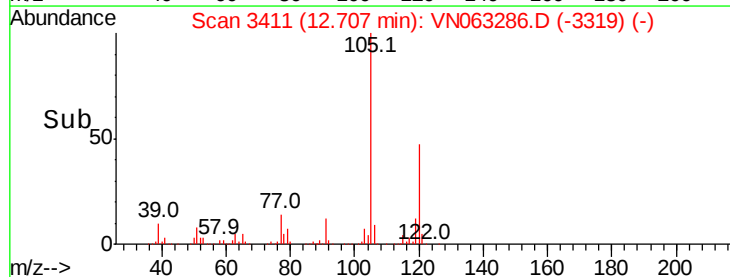
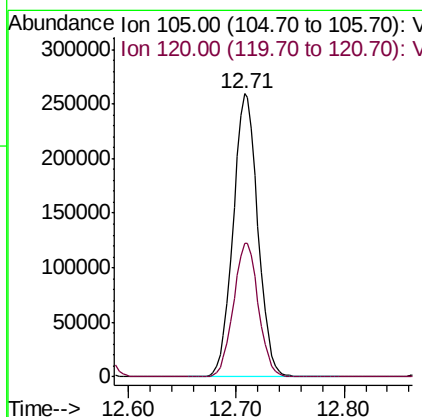
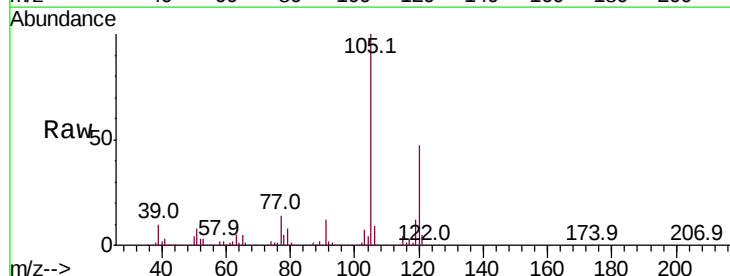
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

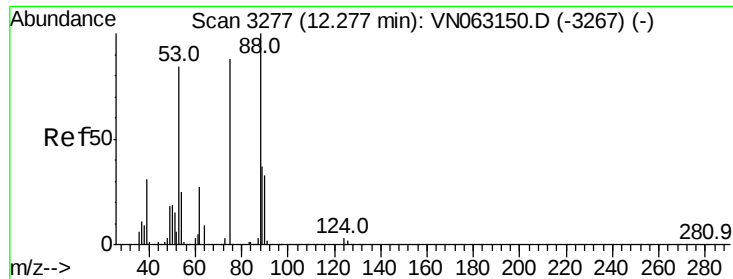
Tot Ion: 91 Resp: 340499
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.417 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

Tgt Ion: 105 Resp: 412347
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.721 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

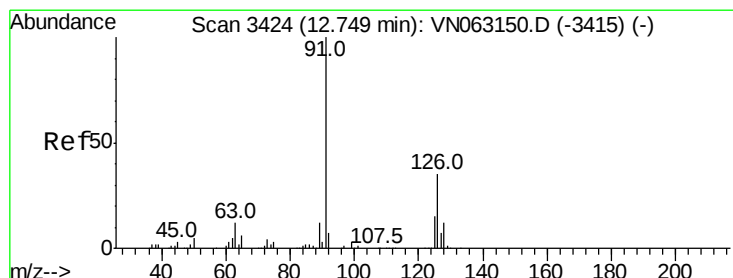
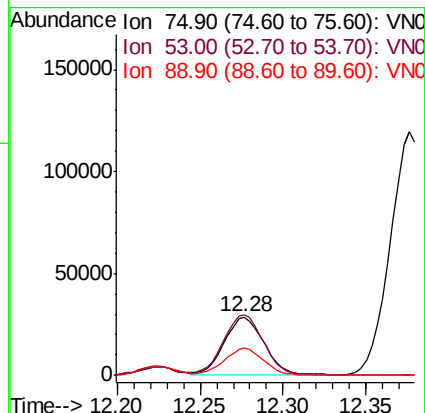
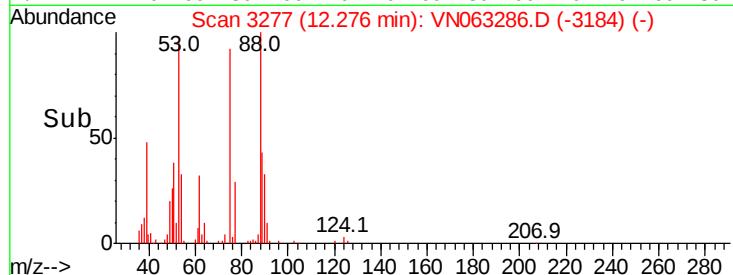
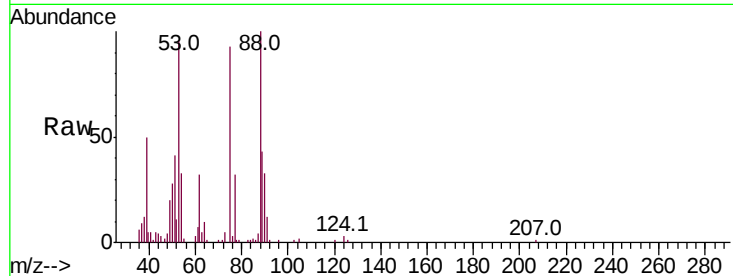
Tot Ion: 75 Resp: 47920

Ion Ratio Lower Upper

75 100

53 106.4 78.7 118.1

89 46.1 35.3 52.9



#82

4-Chlorotoluene

Concen: 19.218 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. -0.00 min

Lab File: VN063286.D

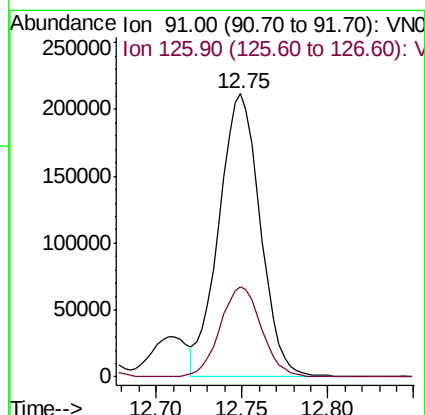
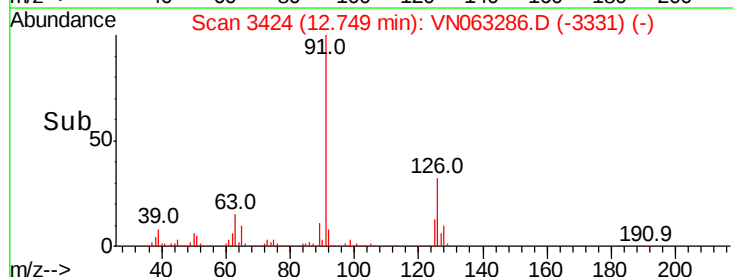
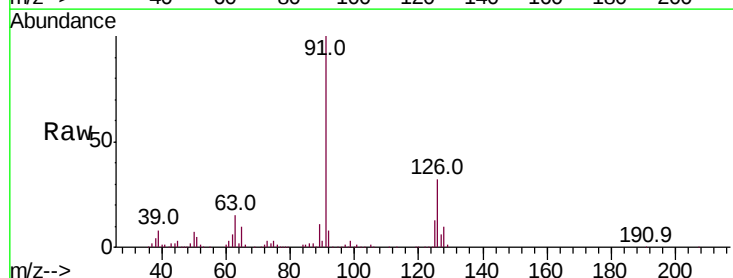
Acq: 9 Sep 2020 16:40

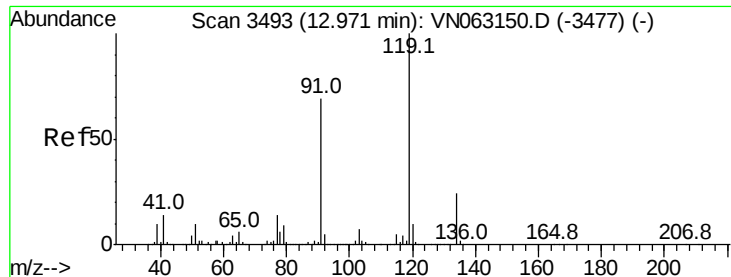
Tgt Ion: 91 Resp: 352432

Ion Ratio Lower Upper

91 100

126 31.9 16.2 48.5

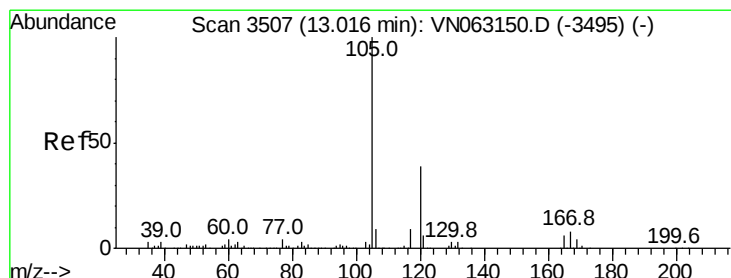
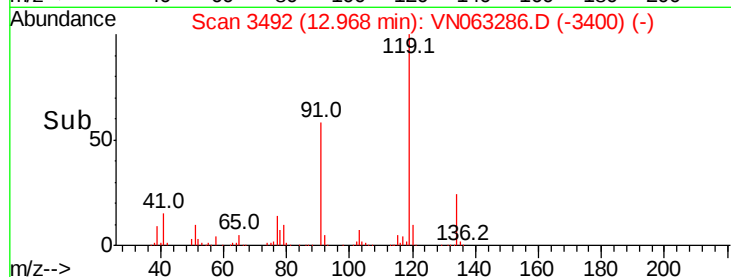
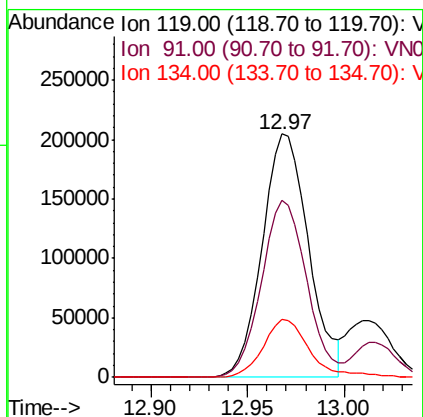
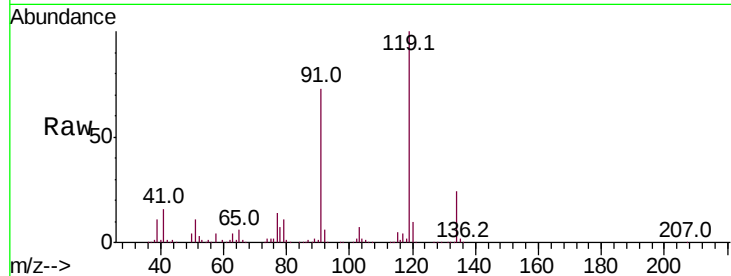




#83
 tert-Butylbenzene
 Concen: 18.749 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

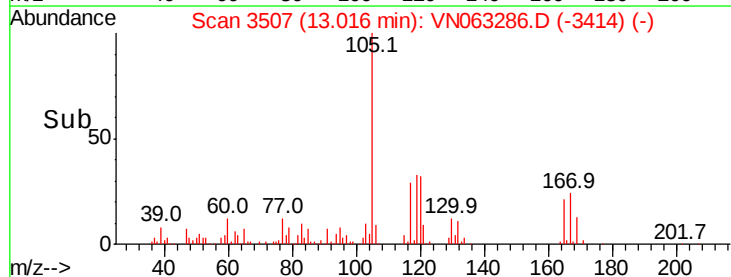
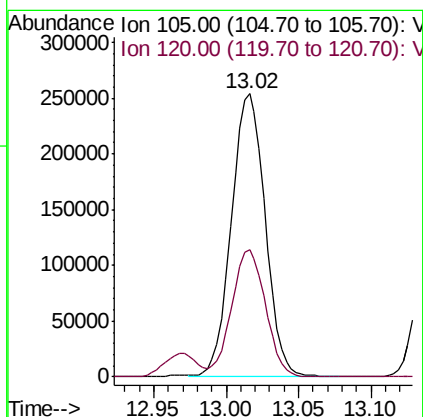
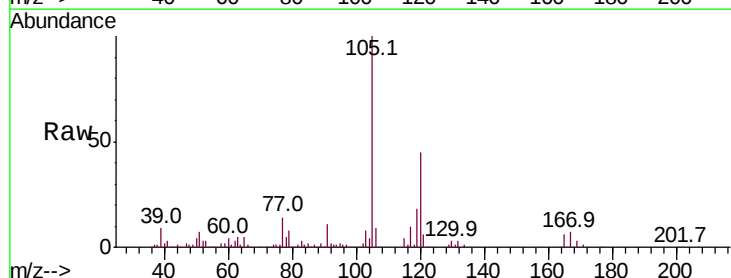
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

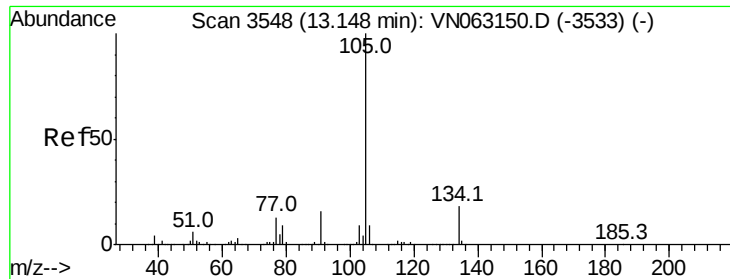
Tot Ion:119 Resp: 341474
 Ion Ratio Lower Upper
 119 100
 91 70.3 33.7 101.0
 134 24.0 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.077 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

Tgt Ion:105 Resp: 408345
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 18.909 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

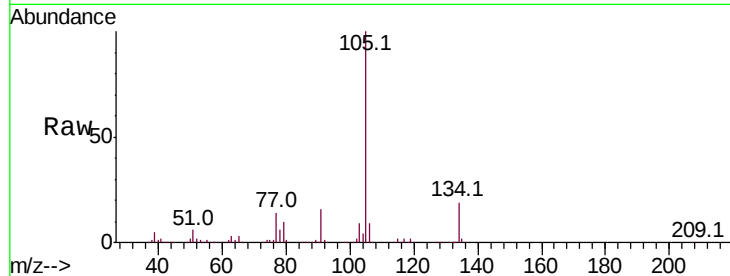
VN0909WBSD01

Tot Ion:105 Resp: 448837

Ion Ratio Lower Upper

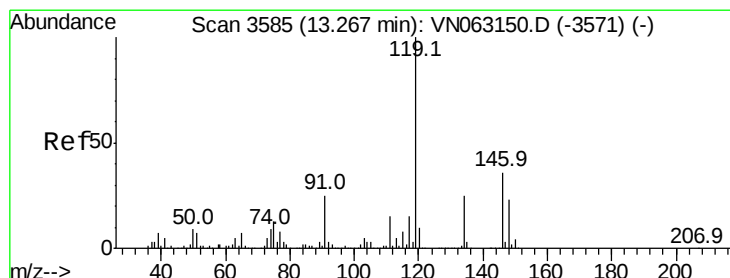
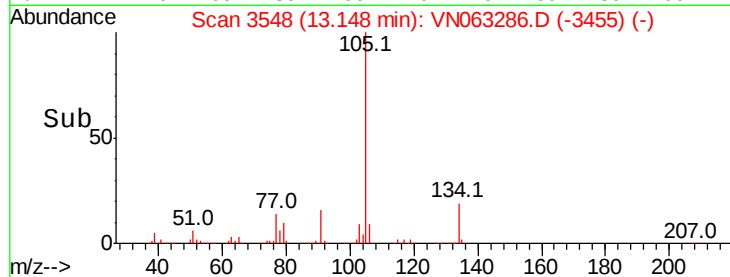
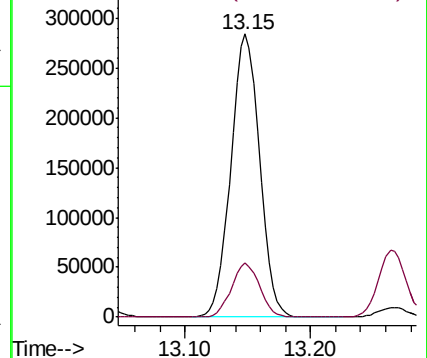
105 100

134 18.9 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.928 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

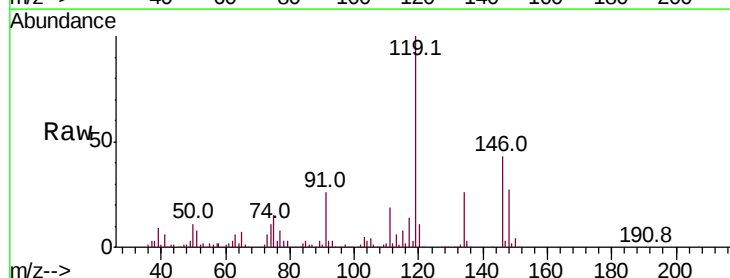
Tgt Ion:119 Resp: 398880

Ion Ratio Lower Upper

119 100

134 25.9 12.4 37.4

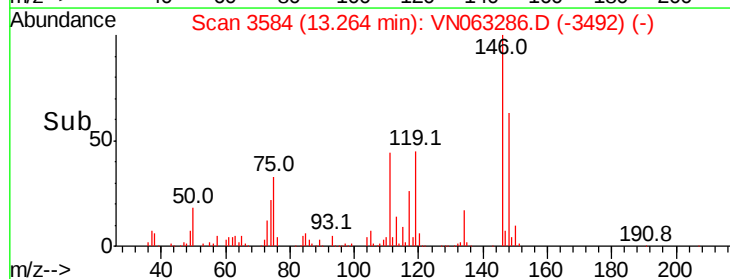
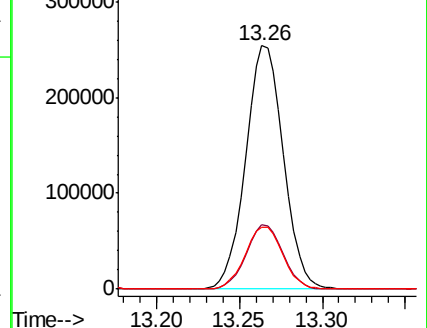
91 25.6 12.2 36.6

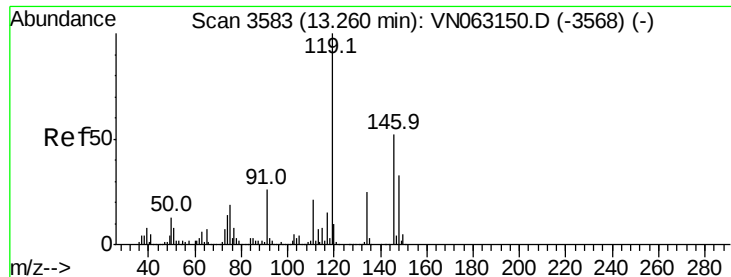


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.916 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

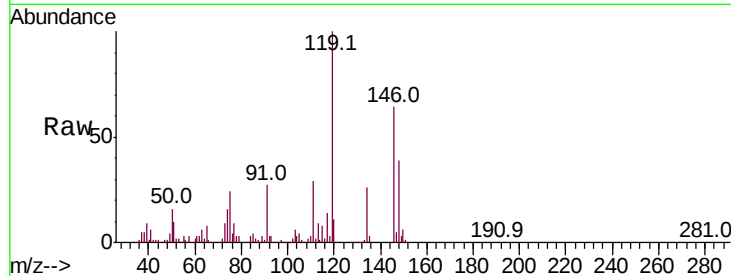
Tot Ion:146 Resp: 200505

Ion Ratio Lower Upper

146 100

111 44.3 21.3 63.7

148 62.7 31.9 95.9



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

150000

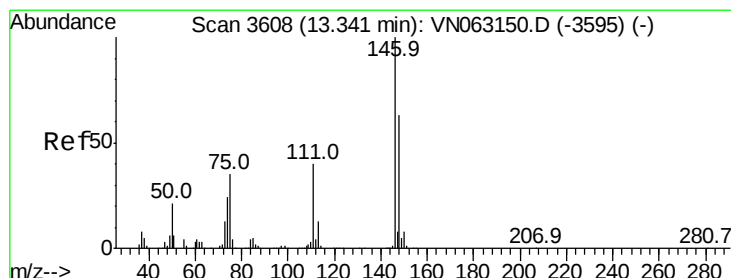
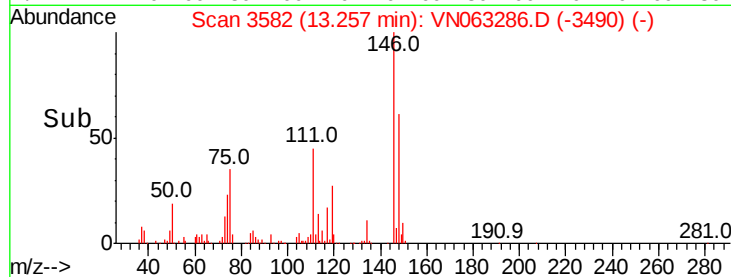
100000

50000

0

13.20 13.25 13.30

Time-->



#88

1,4-Dichlorobenzene

Concen: 18.205 ug/l

RT: 13.34 min Scan# 3608

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

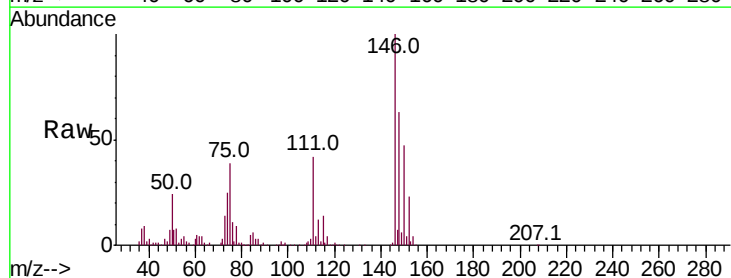
Tgt Ion:146 Resp: 199808

Ion Ratio Lower Upper

146 100

111 44.6 20.5 61.5

148 64.4 31.9 95.7



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

150000

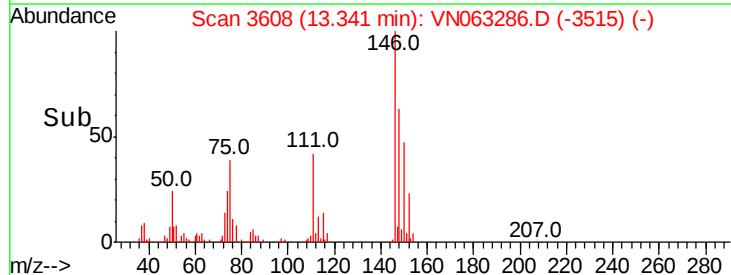
100000

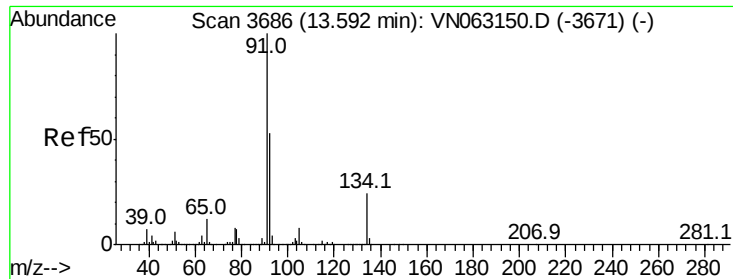
50000

0

13.25 13.30 13.35 13.40

Time-->





#89

n-Butylbenzene

Concen: 18.125 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

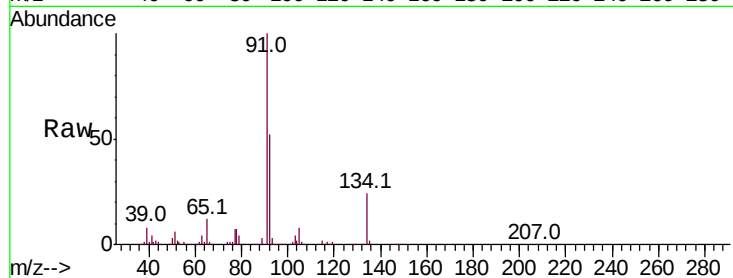
Tot Ion: 91 Resp: 352862

Ion Ratio Lower Upper

91 100

92 51.4 26.3 78.8

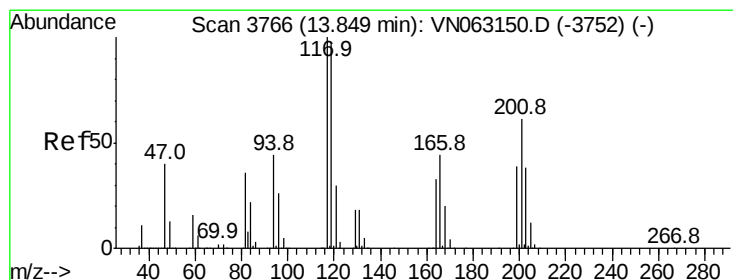
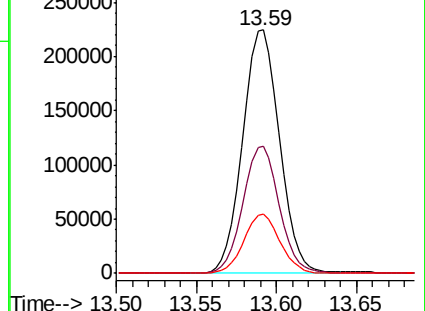
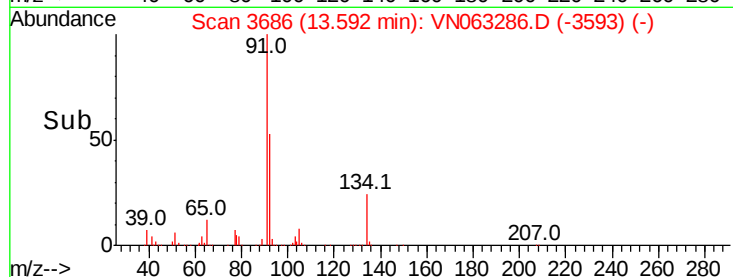
134 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN063150.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN063150.D (-3671) (-)



#90

Hexachloroethane

Concen: 16.907 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN063286.D

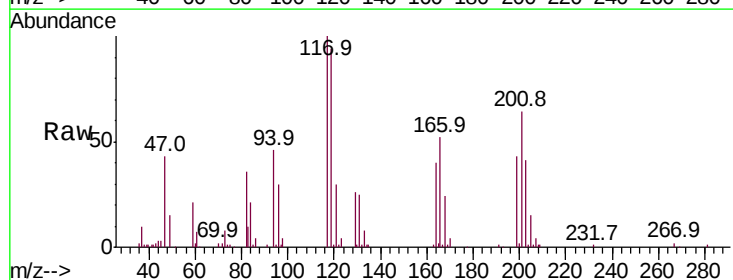
Acq: 9 Sep 2020 16:40

Tgt Ion: 117 Resp: 65954

Ion Ratio Lower Upper

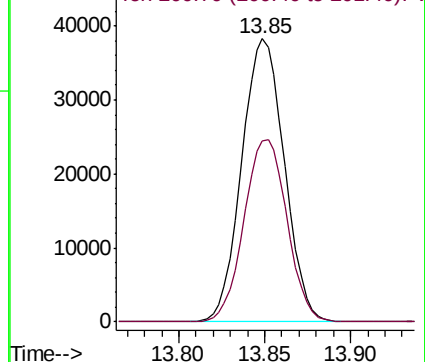
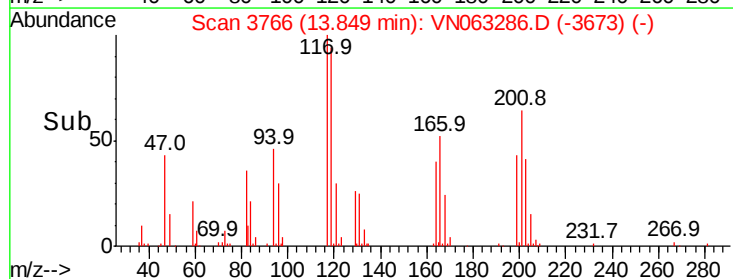
117 100

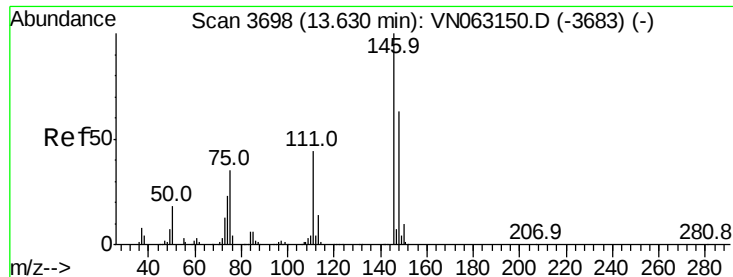
201 64.8 30.6 92.0



Abundance Ion 116.80 (116.50 to 117.50): VN063150.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063150.D (-3752) (-)





#91

1,2-Dichlorobenzene

Concen: 19.544 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

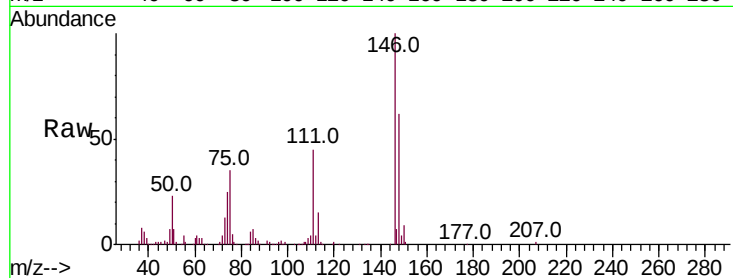
Tot Ion:146 Resp: 201035

Ion Ratio Lower Upper

146 100

111 44.5 22.0 66.0

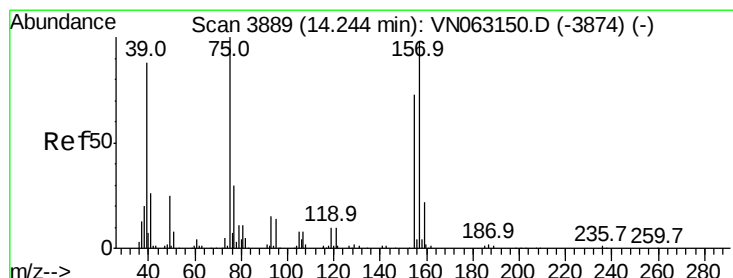
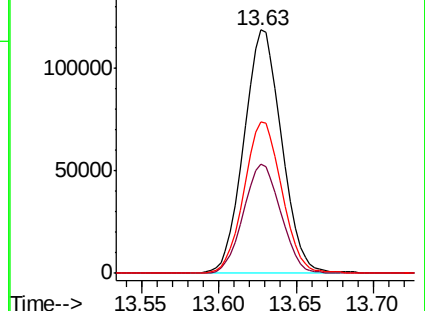
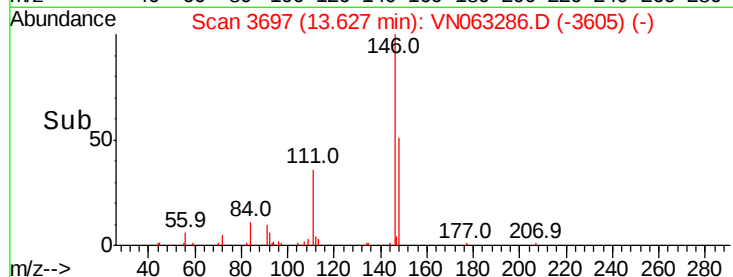
148 62.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.122 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

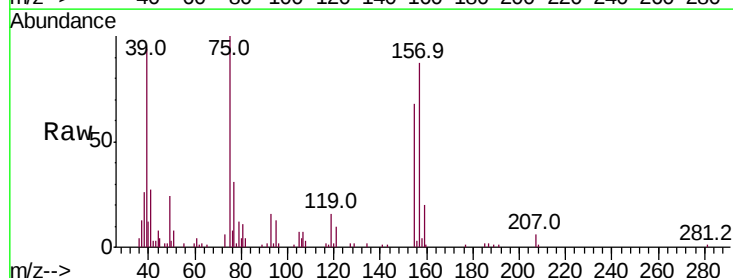
Tgt Ion: 75 Resp: 30923

Ion Ratio Lower Upper

75 100

155 70.9 36.1 108.5

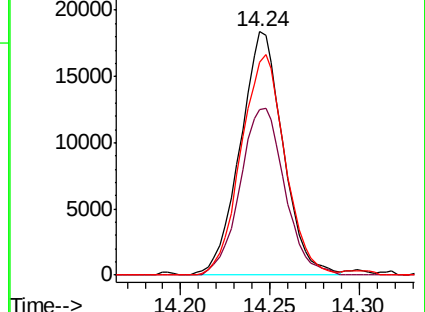
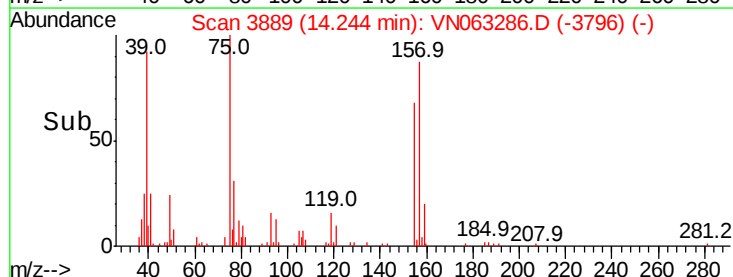
157 92.7 48.4 145.0

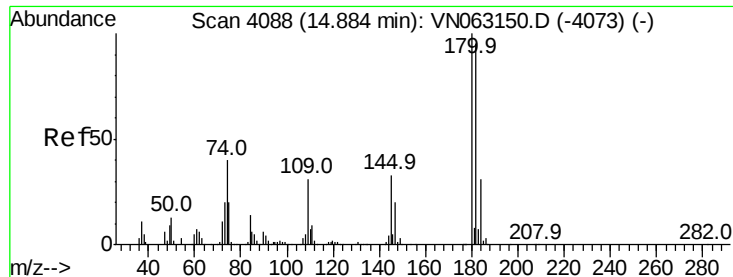


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

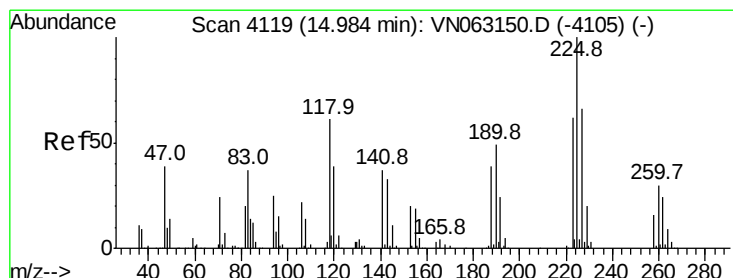
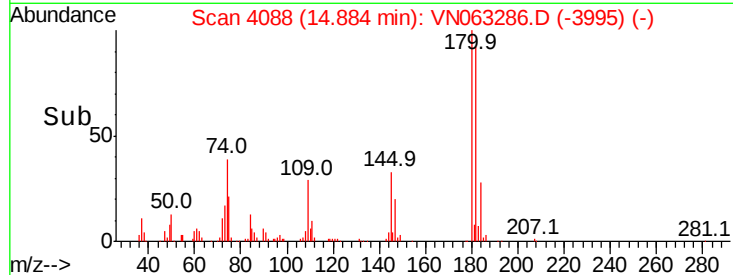
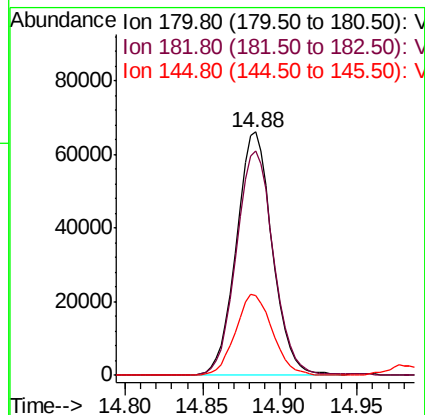
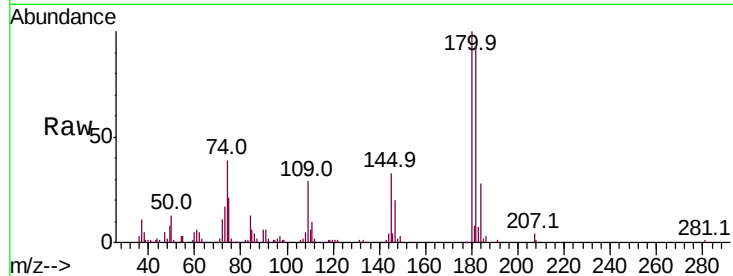




#93
 1,2,4-Trichlorobenzene
 Concen: 18.583 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

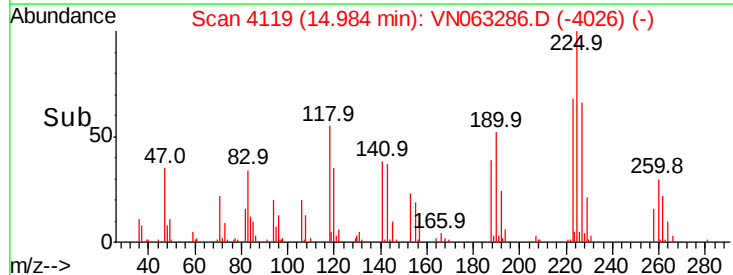
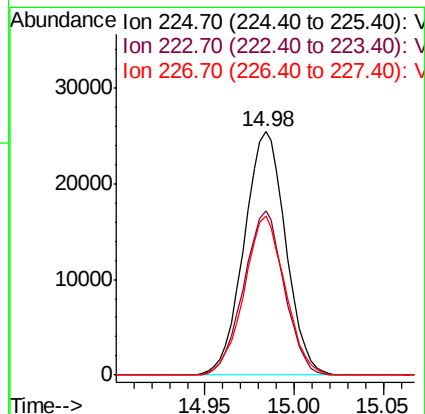
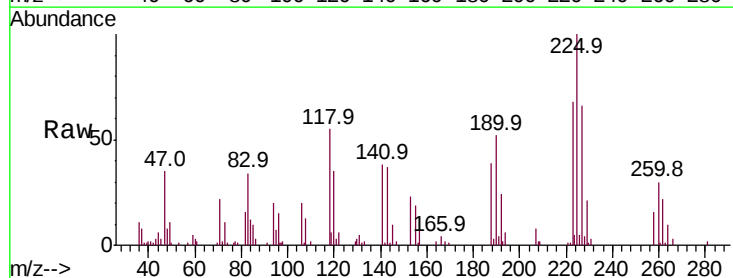
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

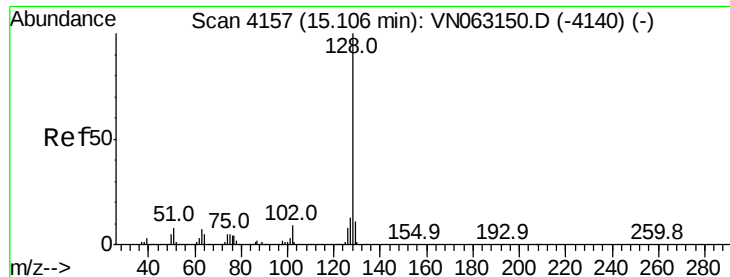
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.5
145	34.2	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 19.334 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. -0.00 min
 Lab File: VN063286.D
 Acq: 9 Sep 2020 16:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	30.9	92.7
227	64.5	32.9	98.7





#95

Naphthalene

Concen: 17.936 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

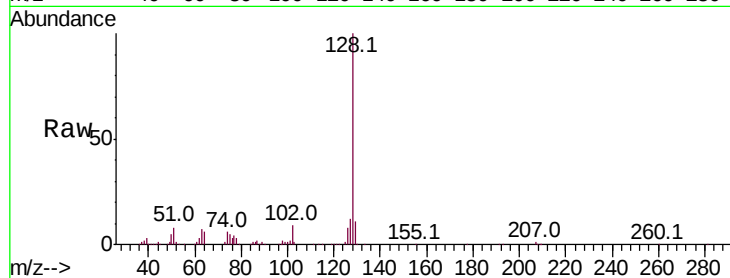
Tot Ion:128 Resp: 343891

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

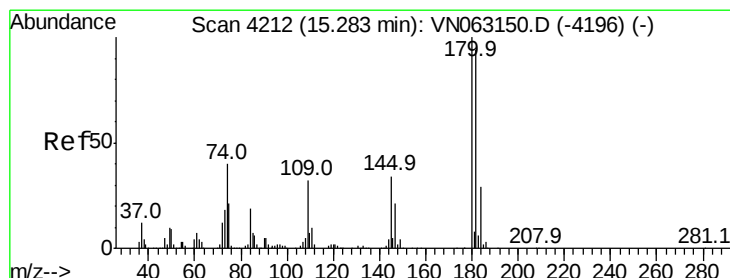
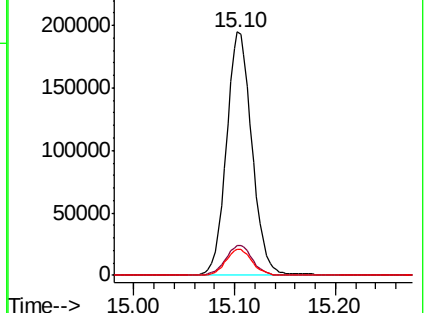
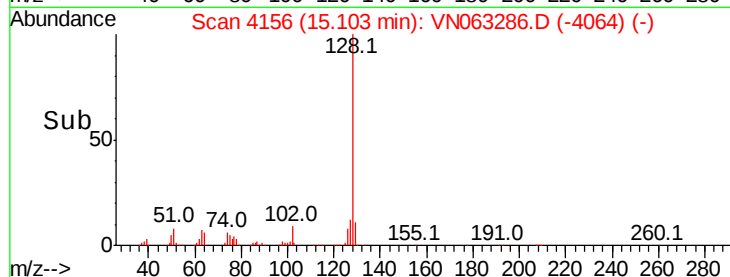
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.412 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063286.D

Acq: 9 Sep 2020 16:40

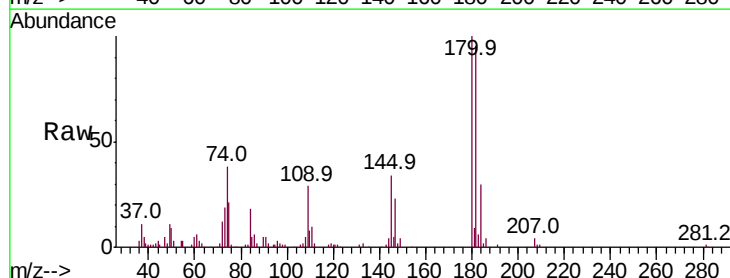
Tgt Ion:180 Resp: 103089

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.5

145 35.1 17.3 52.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

