

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064222.D
 Acq On : 21 Oct 2020 15:29
 Operator : JC/MD
 Sample : VN1021WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Quant Time: Oct 22 01:48:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	287154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	473780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	200469	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	222428	52.16	ug/l	0.00
Spiked Amount			Recovery	=	104.32%	
35) Dibromofluoromethane	7.55	113	160186	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	
50) Toluene-d8	10.06	98	571042	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.38	95	222844	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	65750	19.233	ug/l	94
3) Chloromethane	2.04	50	64571	19.456	ug/l	97
4) Vinyl Chloride	2.16	62	63558	19.316	ug/l	97
5) Bromomethane	2.54	94	40762	19.005	ug/l	98
6) Chloroethane	2.67	64	37480	18.711	ug/l	97
7) Trichlorofluoromethane	2.98	101	108102	19.978	ug/l	95
8) Diethyl Ether	3.38	74	34386	19.211	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52553	18.782	ug/l	98
10) Methyl Iodide	3.91	142	67688	17.011	ug/l	99
11) Tert butyl alcohol	4.73	59	52702	92.323	ug/l	100
12) 1,1-Dichloroethene	3.70	96	50100	18.616	ug/l	96
13) Acrolein	3.57	56	29565	82.507	ug/l	99
14) Allyl chloride	4.28	41	102137	18.962	ug/l	97
15) Acrylonitrile	4.94	53	109140	92.461	ug/l	99
16) Acetone	3.78	43	119844	98.220	ug/l	92
17) Carbon Disulfide	4.01	76	143242	18.659	ug/l	99
18) Methyl Acetate	4.28	43	56937	18.312	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	176368	19.062	ug/l	98
20) Methylene Chloride	4.51	84	55879	17.175	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	55124	18.575	ug/l	96
22) Diisopropyl ether	5.91	45	184215	18.397	ug/l	97
23) Vinyl Acetate	5.85	43	844908	94.616	ug/l	99
24) 1,1-Dichloroethane	5.80	63	112262	19.353	ug/l	99
25) 2-Butanone	6.78	43	182351	94.065	ug/l	98
26) 2,2-Dichloropropane	6.77	77	111242	19.263	ug/l #	75
27) cis-1,2-Dichloroethene	6.78	96	62348	18.040	ug/l	95
28) Bromochloromethane	7.15	49	54985	19.953	ug/l	98
29) Tetrahydrofuran	7.17	42	107745	92.916	ug/l	98
30) Chloroform	7.33	83	115236	18.624	ug/l	99
31) Cyclohexane	7.61	56	93443	18.484	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	110762	19.109	ug/l	99
36) 1,1-Dichloropropene	7.75	75	86470	18.307	ug/l	99
37) Ethyl Acetate	6.88	43	78520	18.309	ug/l	97
38) Carbon Tetrachloride	7.73	117	101485	18.884	ug/l	93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	78935	18.379	ug/l	97
40) Benzene	8.00	78	231395	17.747	ug/l	98
41) Methacrylonitrile	7.12	41	35452	15.759	ug/l	97
42) 1,2-Dichloroethane	8.09	62	103307	18.496	ug/l	99
43) Isopropyl Acetate	8.13	43	146756	18.362	ug/l #	92
44) Trichloroethene	8.80	130	65742	18.503	ug/l	99
45) 1,2-Dichloropropane	9.08	63	63871	18.350	ug/l	97
46) Dibromomethane	9.17	93	43105	18.443	ug/l	96
47) Bromodichloromethane	9.37	83	98024	18.983	ug/l	96
48) Methyl methacrylate	9.17	41	72893	17.459	ug/l	98
49) 1,4-Dioxane	9.17	88	18276	374.124	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	407510	95.402	ug/l	99
52) Toluene	10.13	92	148078	17.749	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	104404	18.201	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	109719	18.166	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	58716	18.635	ug/l	97
56) Ethyl methacrylate	10.40	69	93381	19.167	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101930	18.624	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	234168	93.338	ug/l	99
59) 2-Hexanone	10.72	43	293742	94.163	ug/l	100
60) Dibromochloromethane	10.87	129	71894	17.625	ug/l	100
61) 1,2-Dibromoethane	10.98	107	61951	18.632	ug/l	98
64) Tetrachloroethene	10.60	164	65162	19.239	ug/l	96
65) Chlorobenzene	11.41	112	162513	18.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	65306	18.892	ug/l	100
67) Ethyl Benzene	11.48	91	299931	18.741	ug/l	99
68) m/p-Xylenes	11.59	106	221535	37.360	ug/l	97
69) o-Xylene	11.92	106	106529	18.576	ug/l	95
70) Styrene	11.94	104	176399	18.350	ug/l	98
71) Bromoform	12.10	173	48145	18.030	ug/l #	100
73) Isopropylbenzene	12.22	105	282328	18.465	ug/l	99
74) N-amyl acetate	12.05	43	126307	19.118	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	78386	19.319	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	117195	27.730	ug/l #	100
77) Bromobenzene	12.50	156	69953	19.380	ug/l	96
78) n-propylbenzene	12.57	91	318332	18.466	ug/l	99
79) 2-Chlorotoluene	12.65	91	199604	18.851	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	246124	19.041	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	31300	18.698	ug/l	96
82) 4-Chlorotoluene	12.75	91	205229	18.581	ug/l	99
83) tert-Butylbenzene	12.97	119	199015	18.779	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	248306	19.300	ug/l	100
85) sec-Butylbenzene	13.14	105	248000	18.562	ug/l	100
86) p-Isopropyltoluene	13.26	119	230374	18.935	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	118569	18.461	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	117235	17.833	ug/l	97
89) n-Butylbenzene	13.59	91	200962	18.427	ug/l	100
90) Hexachloroethane	13.85	117	39377	17.871	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	116626	18.510	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19466	19.231	ug/l	97

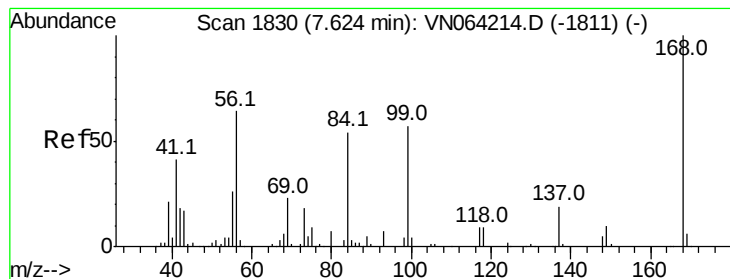
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
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Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	67416	19.077	ug/l	100
94) Hexachlorobutadiene	14.98	225	35253	18.496	ug/l	98
95) Naphthalene	15.10	128	204699	19.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	64614	18.461	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

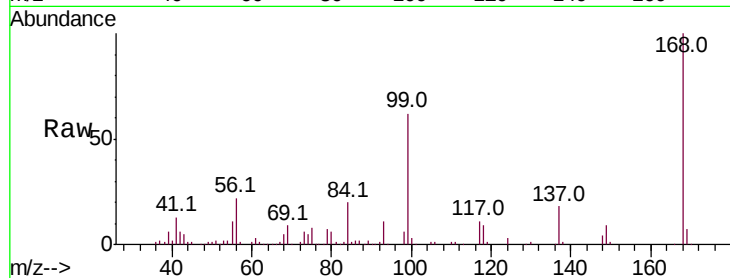
VN1021WBS01

Tot Ion:168 Resp: 287154

Ion Ratio Lower Upper

168 100

99 61.3 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

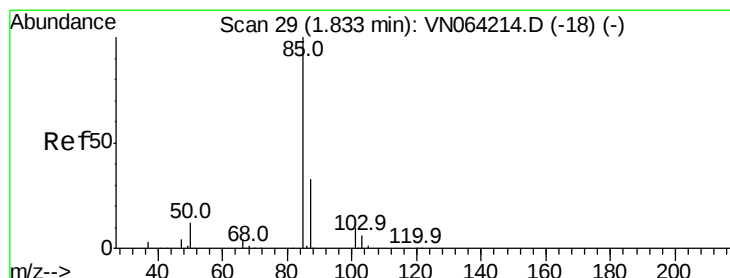
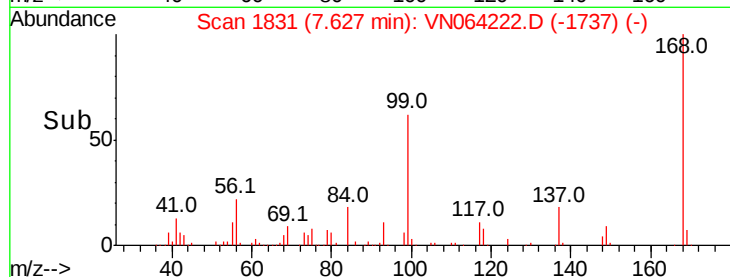
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 19.233 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064222.D

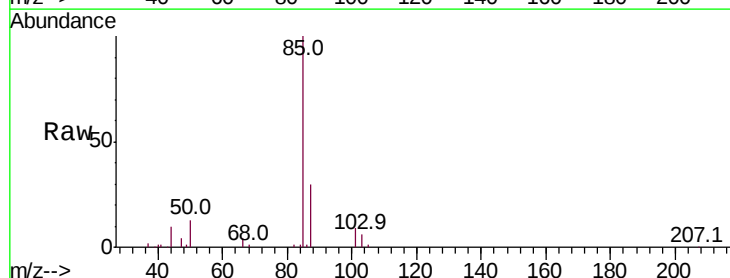
Acq: 21 Oct 2020 15:29

Tgt Ion: 85 Resp: 65750

Ion Ratio Lower Upper

85 100

87 29.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

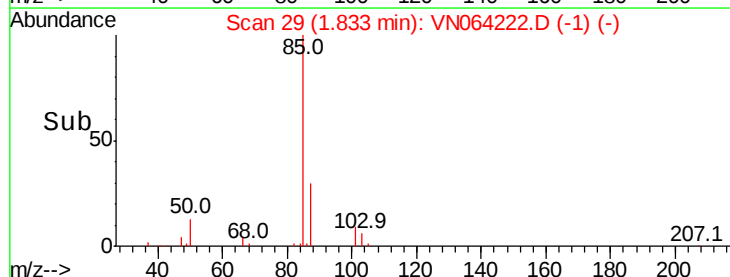
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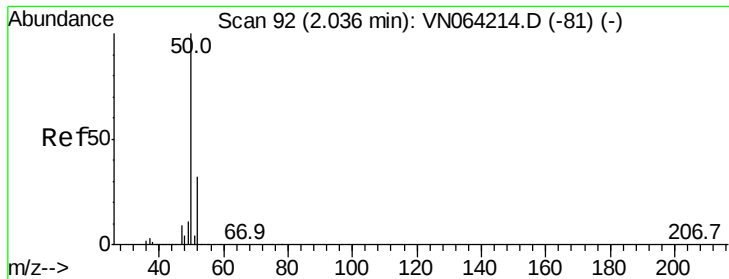
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 19.456 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

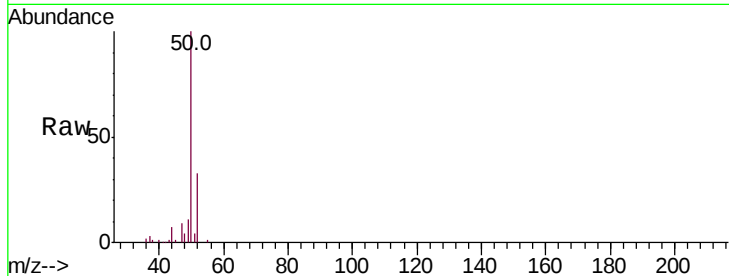
VN1021WBS01

Tot Ion: 50 Resp: 64571

Ion Ratio Lower Upper

50 100

52 33.2 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.04

50000

40000

30000

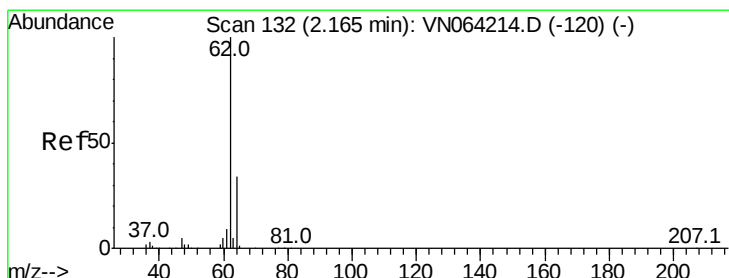
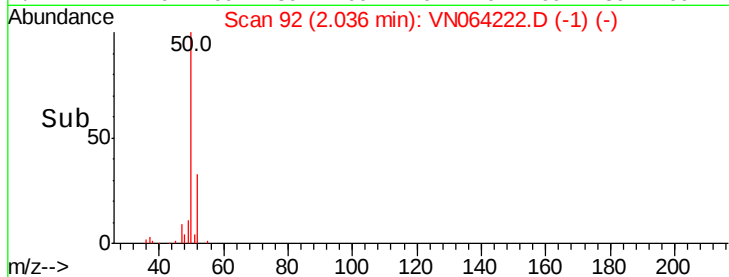
20000

10000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 19.316 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064222.D

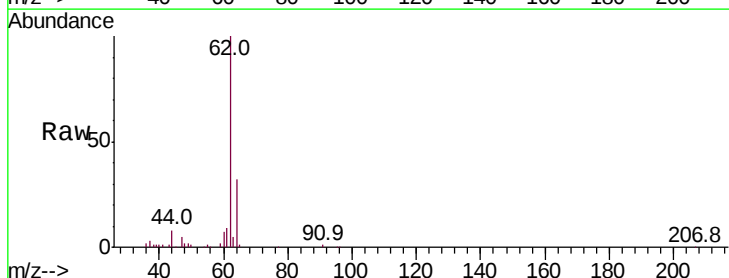
Acq: 21 Oct 2020 15:29

Tgt Ion: 62 Resp: 63558

Ion Ratio Lower Upper

62 100

64 32.0 26.8 40.2



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

50000

40000

30000

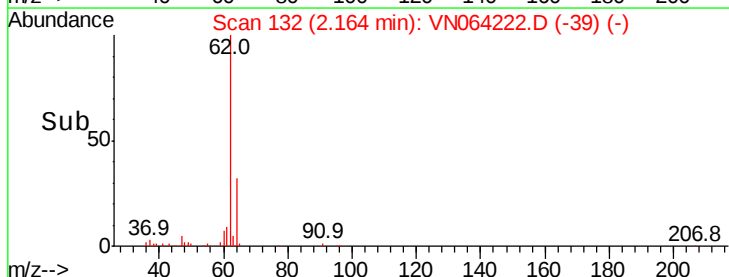
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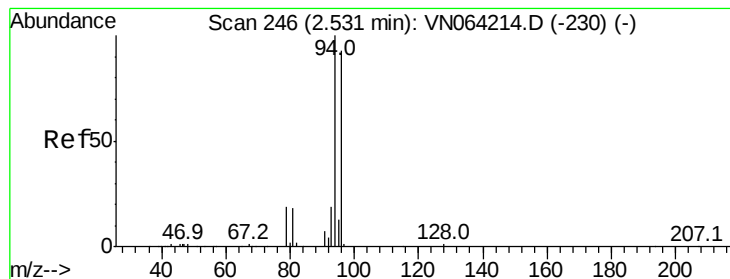
10000

0

Time-->

2.10 2.15 2.20





#5

Bromomethane

Concen: 19.005 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

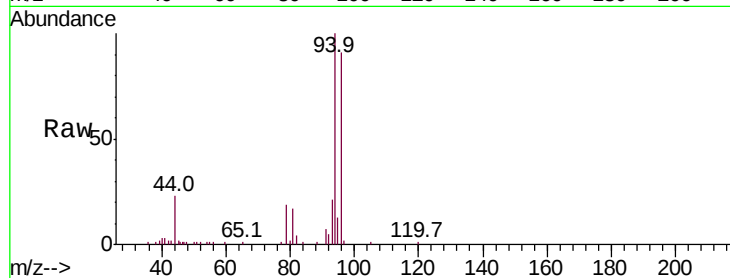
VN1021WBS01

Tot Ion: 94 Resp: 40762

Ion Ratio Lower Upper

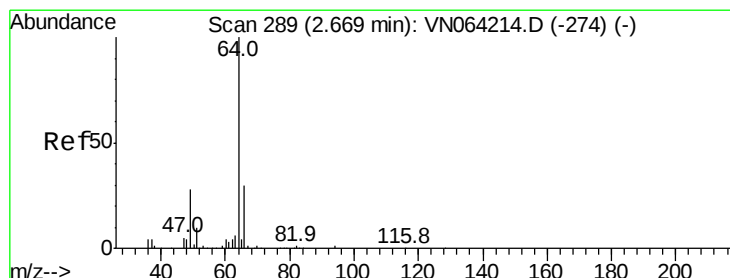
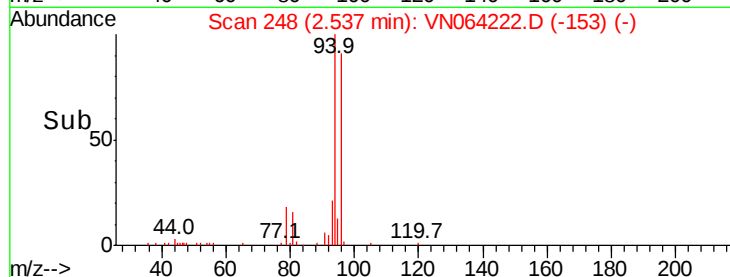
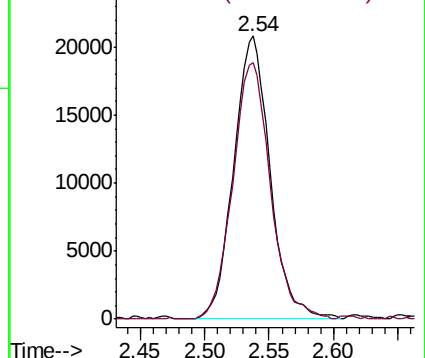
94 100

96 90.8 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VNC

Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 18.711 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064222.D

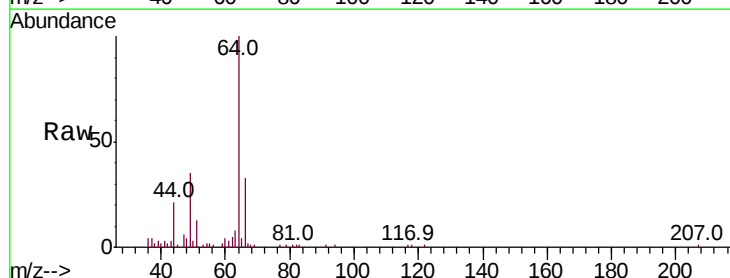
Acq: 21 Oct 2020 15:29

Tgt Ion: 64 Resp: 37480

Ion Ratio Lower Upper

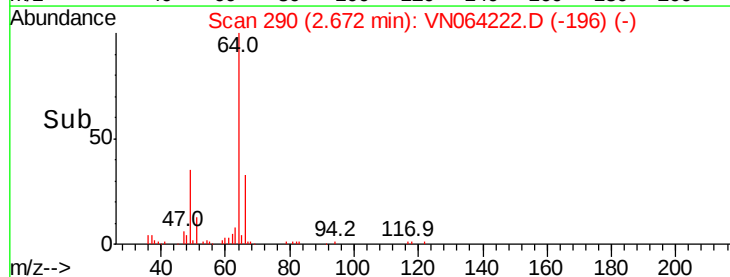
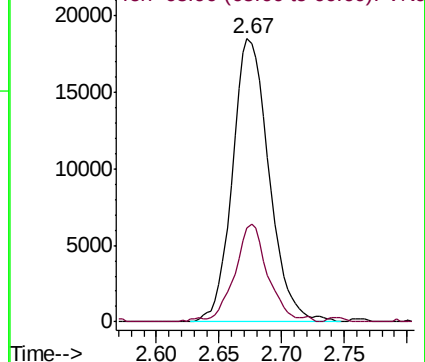
64 100

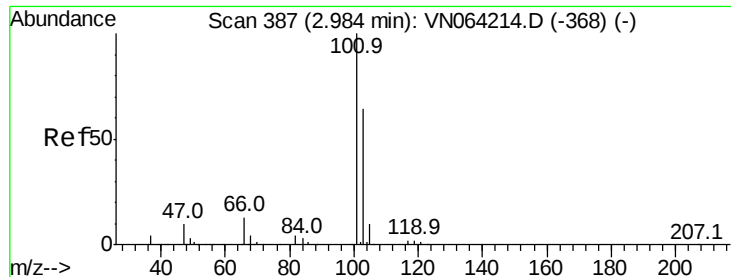
66 32.1 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VNC

Ion 65.90 (65.60 to 66.60): VNC



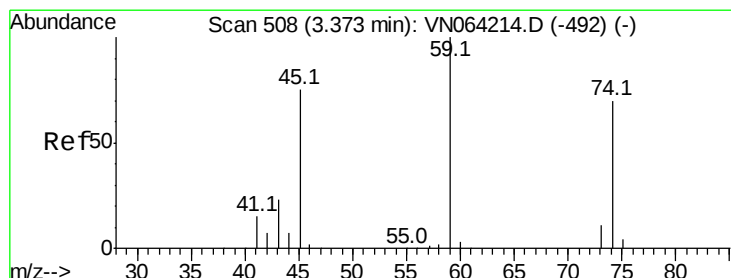
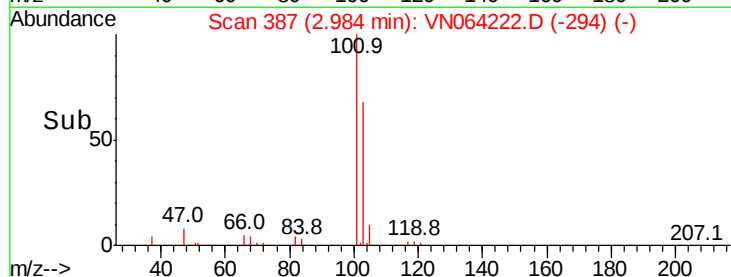
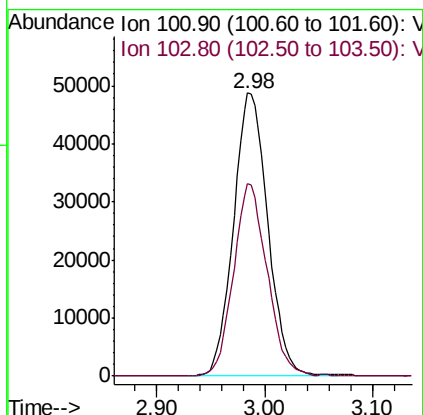
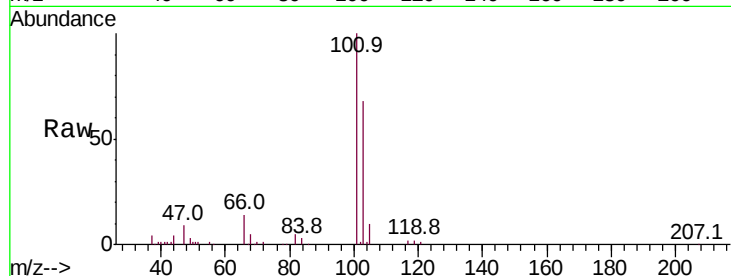


#7

Trichlorofluoromethane
Concen: 19.978 ug/l
RT: 2.98 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
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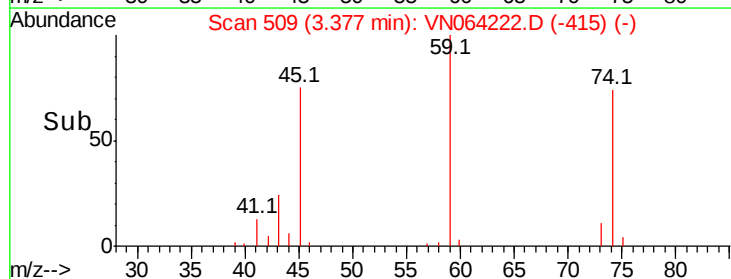
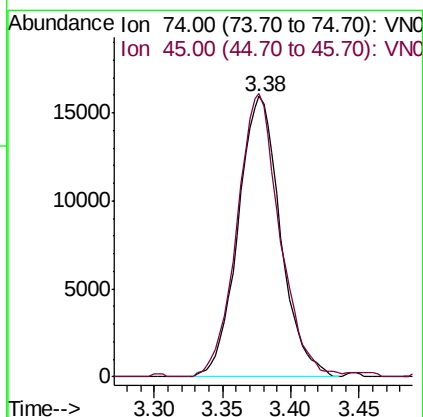
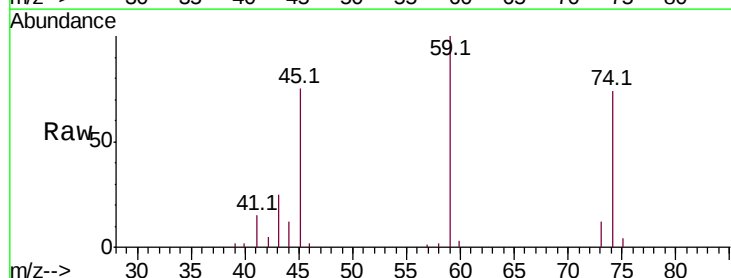
Tot Ion:101 Resp: 108102
Ion Ratio Lower Upper
101 100
103 68.0 51.0 76.6

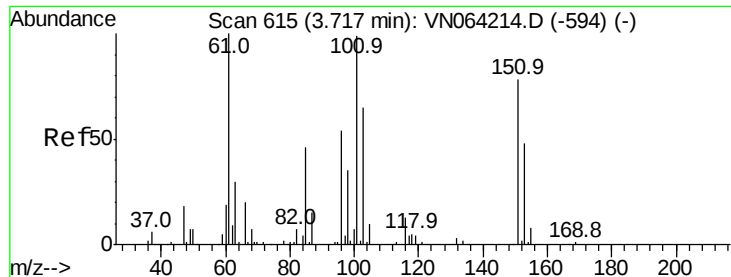


#8

Diethyl Ether
Concen: 19.211 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 74 Resp: 34386
Ion Ratio Lower Upper
74 100
45 102.4 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.782 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

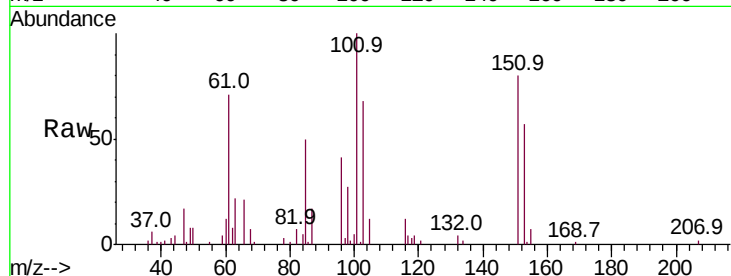
Tot Ion:101 Resp: 52553

Ion Ratio Lower Upper

101 100

85 46.8 37.8 56.8

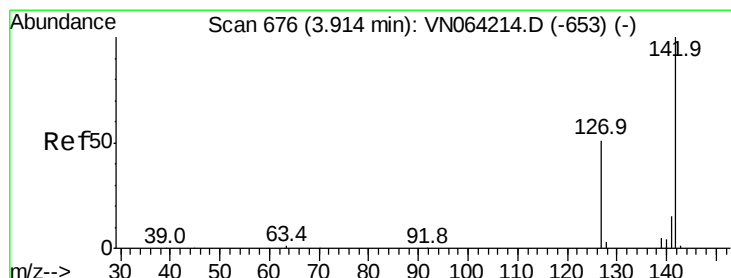
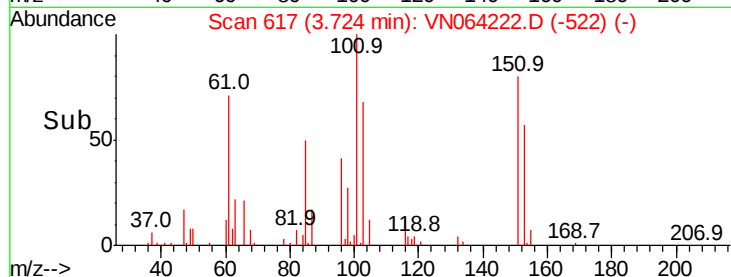
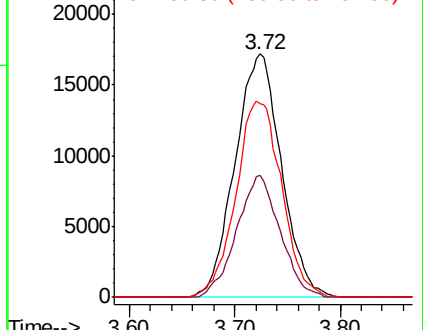
151 79.6 61.4 92.2



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: 17.011 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

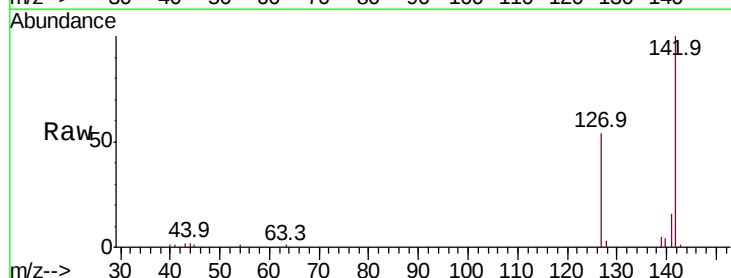
Tgt Ion:142 Resp: 67688

Ion Ratio Lower Upper

142 100

127 52.2 41.0 61.6

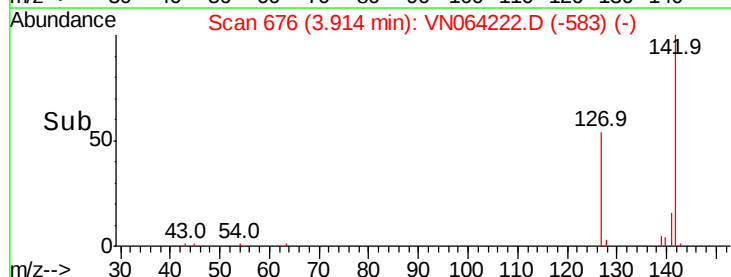
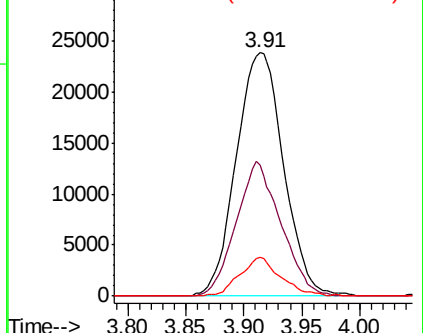
141 13.7 11.3 16.9

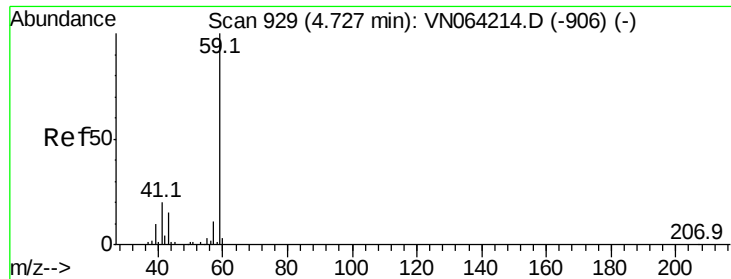


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 92.323 ug/l

RT: 4.73 min Scan# 929

Delta R.T. -0.00 min

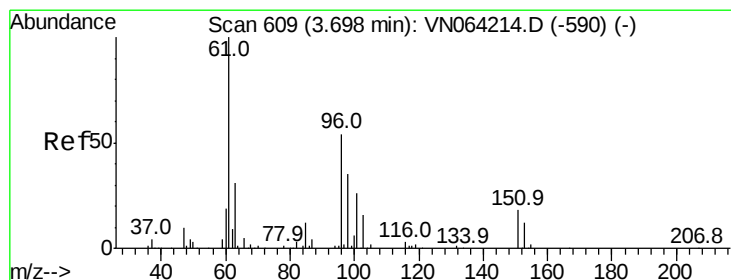
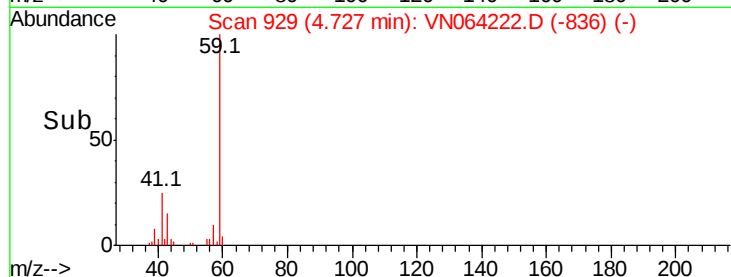
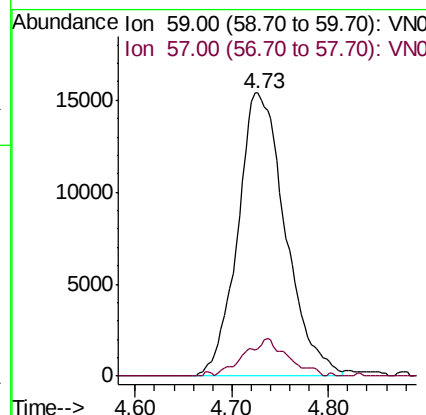
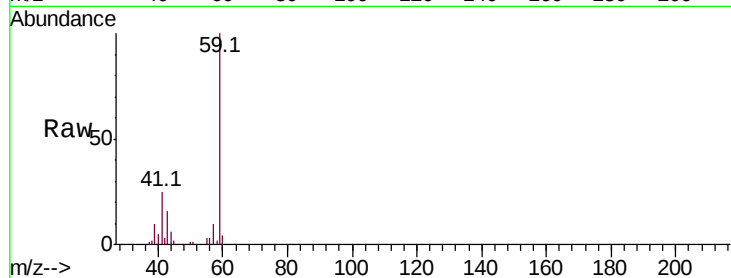
Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion: 59 Resp: 52702

Ion	Ratio	Lower	Upper
59	100		
57	11.3	9.2	13.8



#12

1,1-Dichloroethene

Concen: 18.616 ug/l

RT: 3.70 min Scan# 609

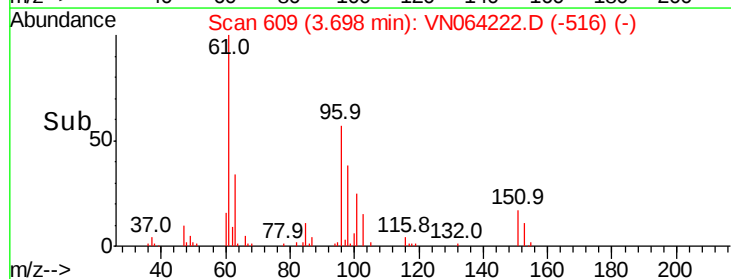
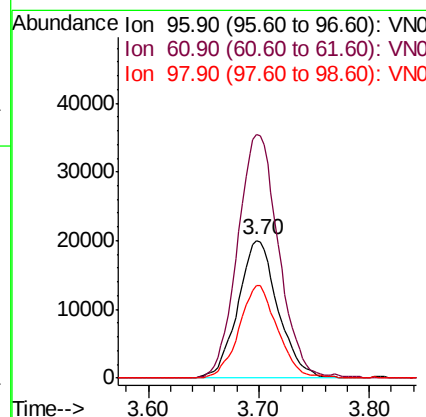
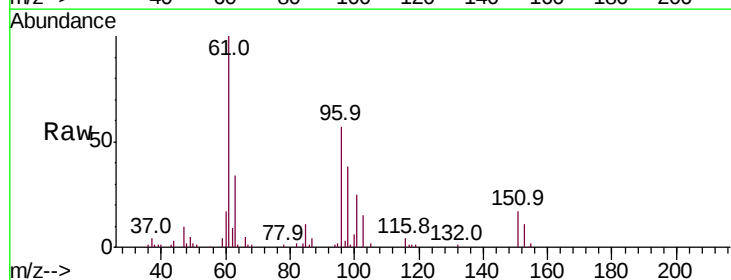
Delta R.T. -0.00 min

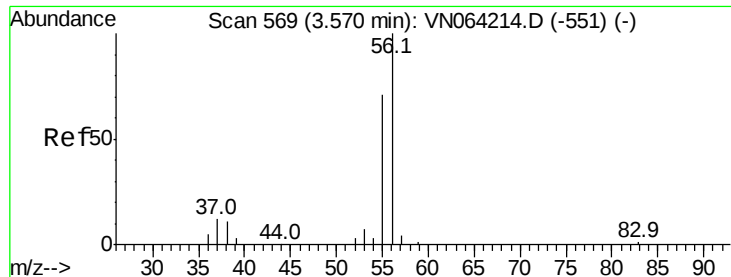
Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Tgt Ion: 96 Resp: 50100

Ion	Ratio	Lower	Upper
96	100		
61	176.7	147.0	220.4
98	67.3	51.7	77.5





#13

Acrolein

Concen: 82.507 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

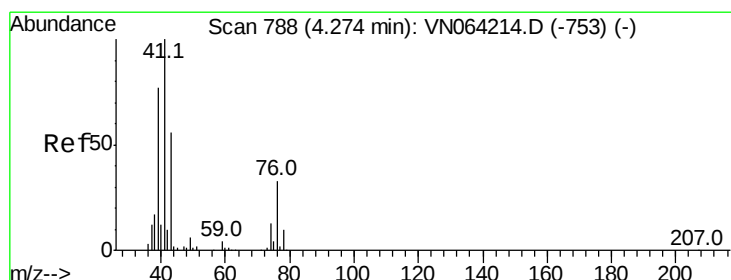
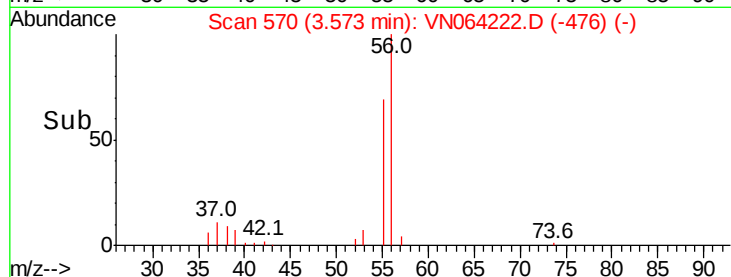
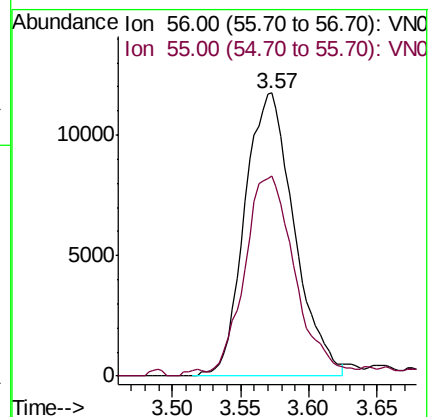
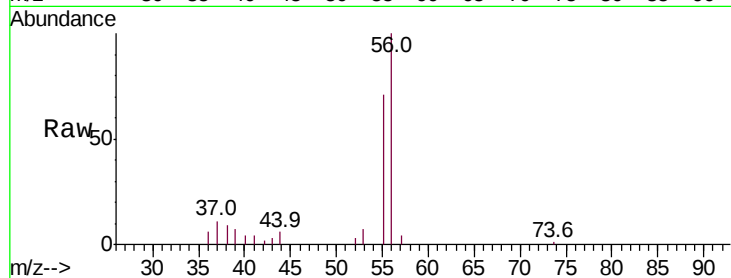
VN1021WBS01

Tot Ion: 56 Resp: 29565

Ion Ratio Lower Upper

56 100

55 69.6 56.1 84.1



#14

Allyl chloride

Concen: 18.962 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

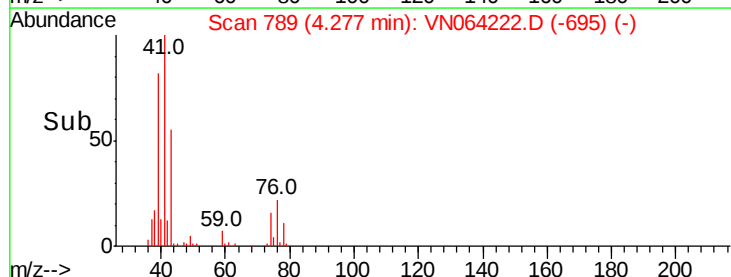
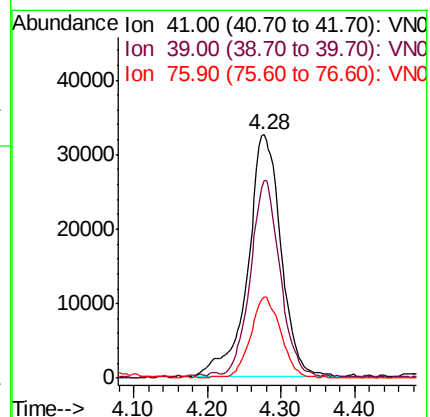
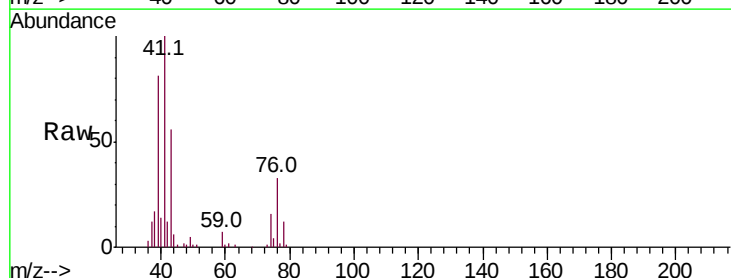
Tgt Ion: 41 Resp: 102137

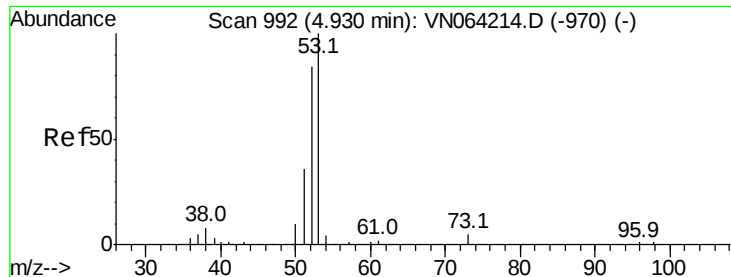
Ion Ratio Lower Upper

41 100

39 71.2 58.6 88.0

76 29.0 24.5 36.7





#15

Acrylonitrile

Concen: 92.461 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

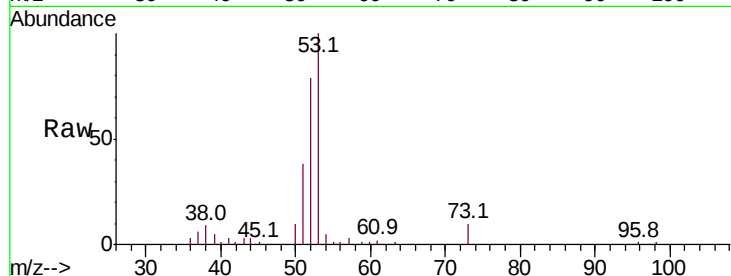
Tot Ion: 53 Resp: 109140

Ion Ratio Lower Upper

53 100

52 84.2 66.8 100.2

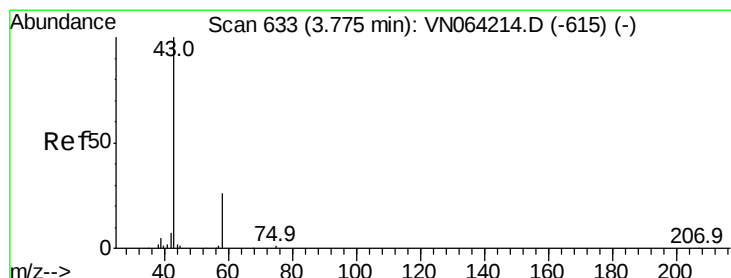
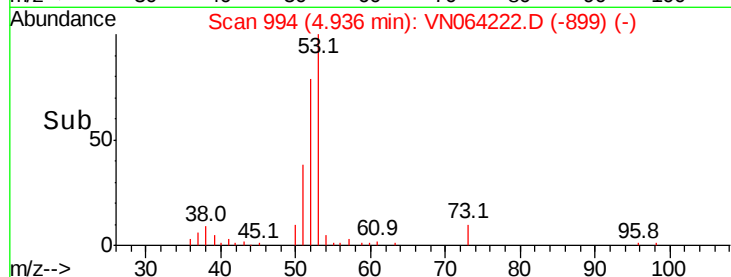
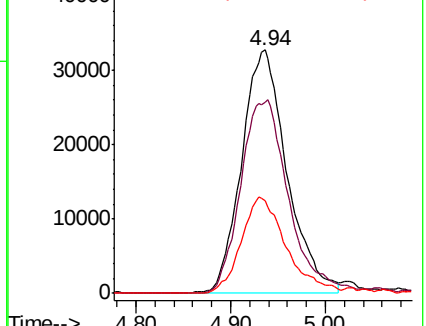
51 39.1 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VN064214.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064214.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064214.D (-970) (-)



#16

Acetone

Concen: 98.220 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064222.D

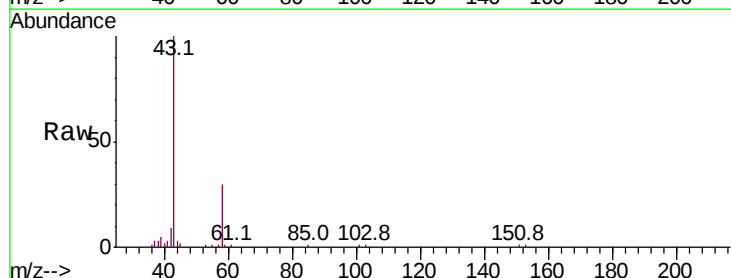
Acq: 21 Oct 2020 15:29

Tgt Ion: 43 Resp: 119844

Ion Ratio Lower Upper

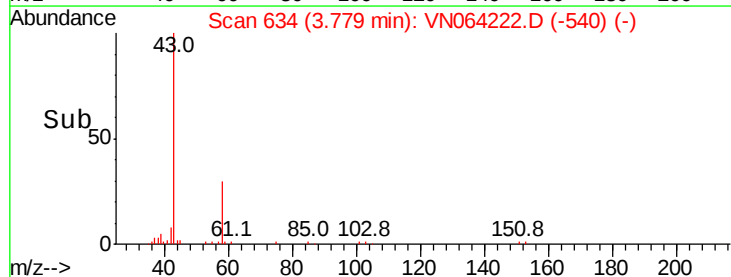
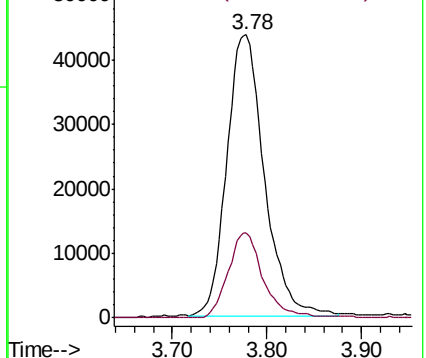
43 100

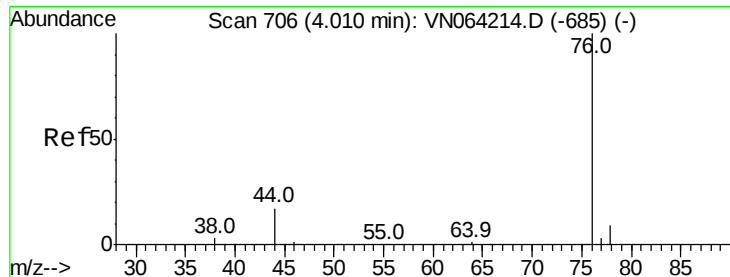
58 30.3 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-615) (-)

Ion 58.00 (57.70 to 58.70): VN064214.D (-615) (-)

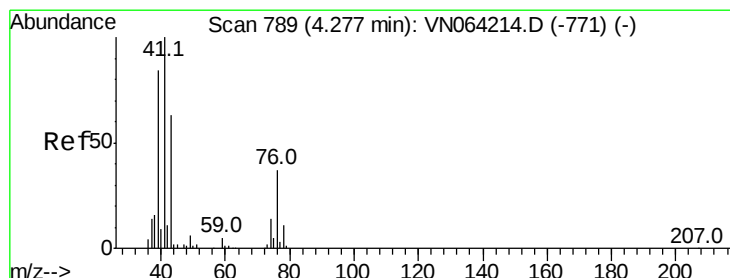
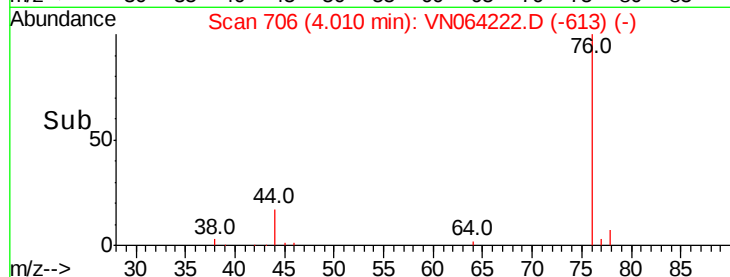
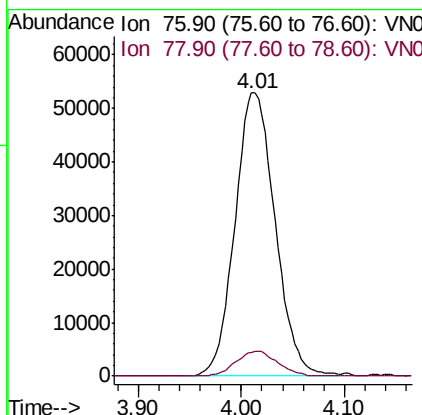
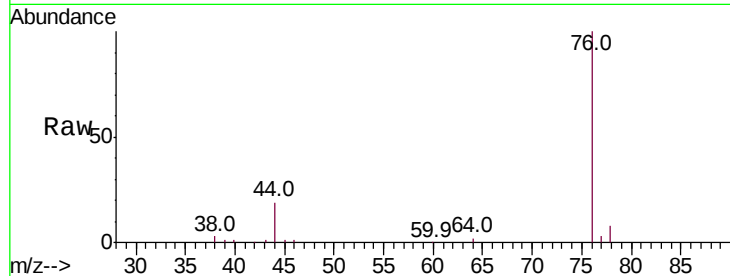




#17
Carbon Disulfide
Concen: 18.659 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

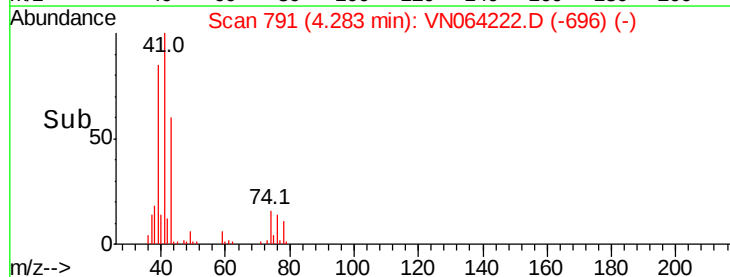
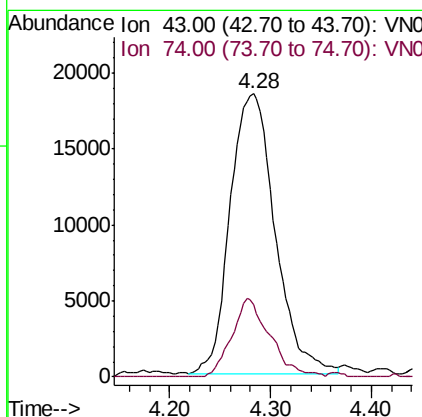
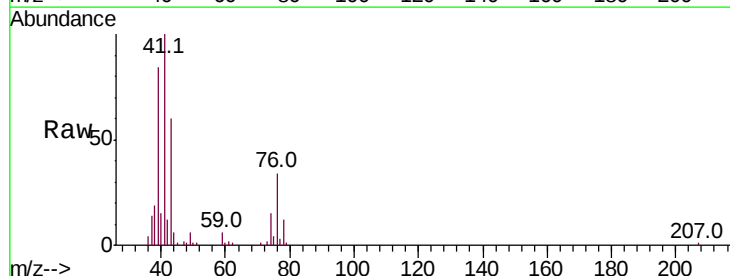
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

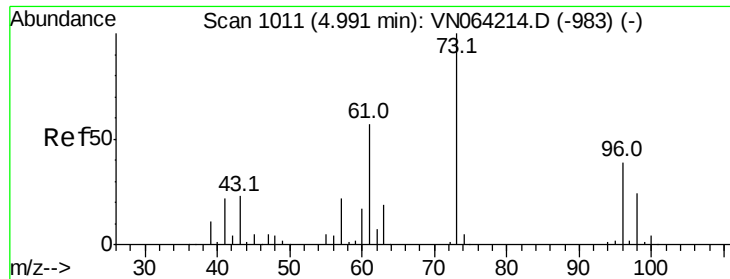
Tot Ion: 76 Resp: 143242
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7



#18
Methyl Acetate
Concen: 18.312 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 43 Resp: 56937
Ion Ratio Lower Upper
43 100
74 23.9 17.9 26.9

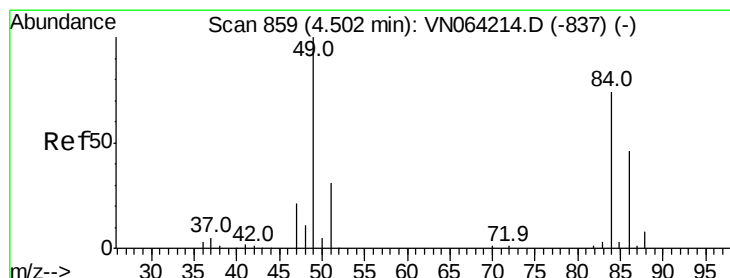
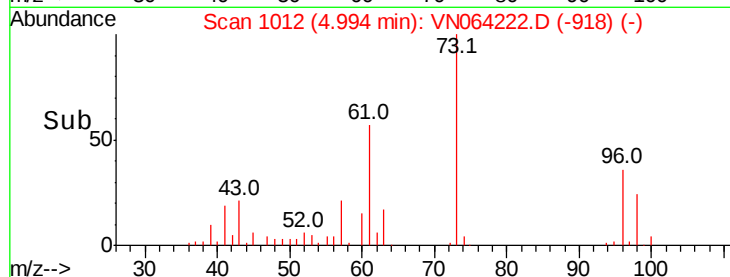
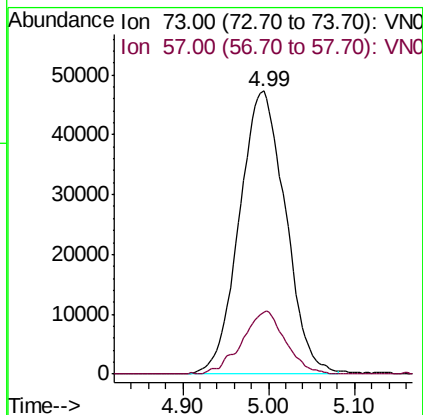
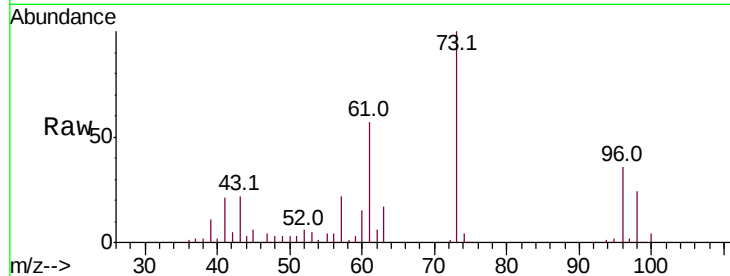




#19
Methvl tert-butvl Ether
Concen: 19.062 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

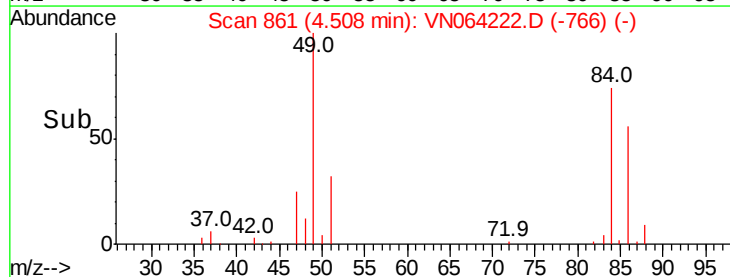
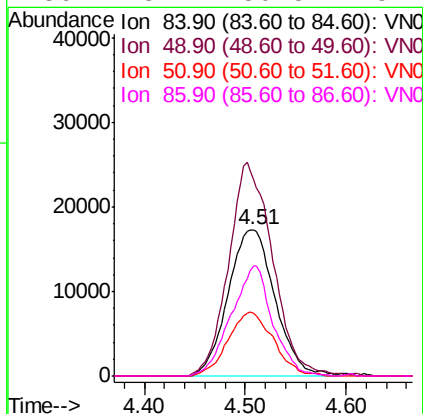
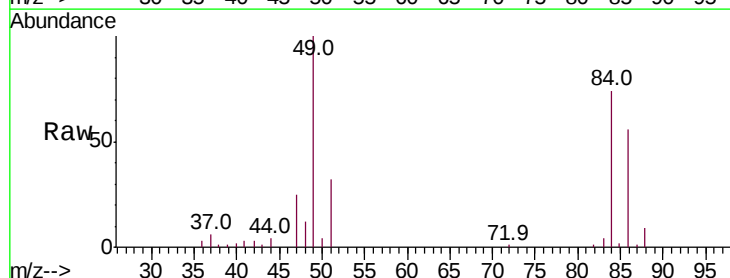
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

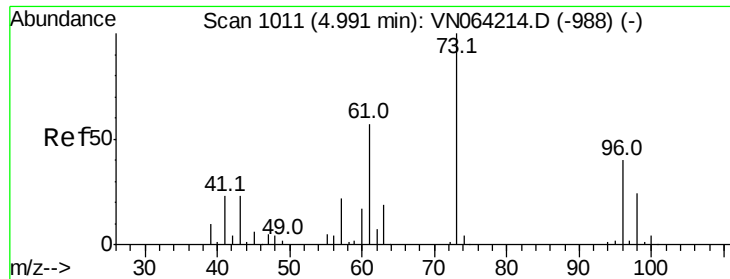
Tot Ion: 73 Resp: 176368
Ion Ratio Lower Upper
73 100
57 21.7 18.0 27.0



#20
Methylene Chloride
Concen: 17.175 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 84 Resp: 55879
Ion Ratio Lower Upper
84 100
49 134.3 108.5 162.7
51 43.2 33.8 50.8
86 75.4 50.5 75.7

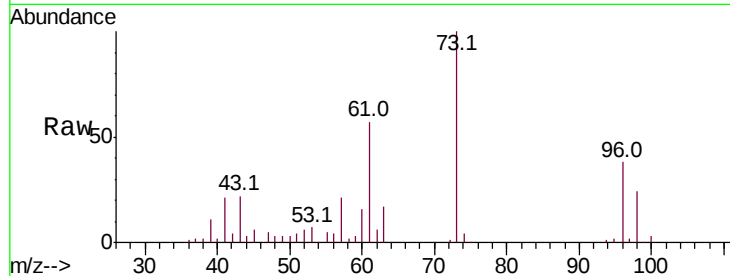




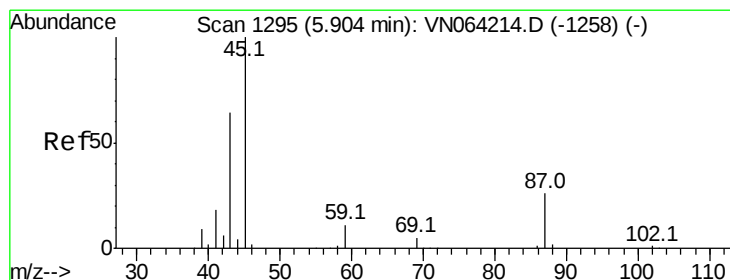
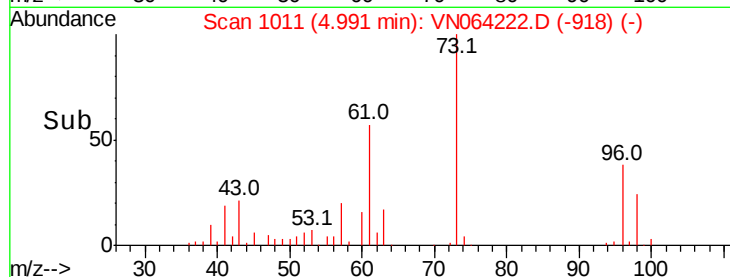
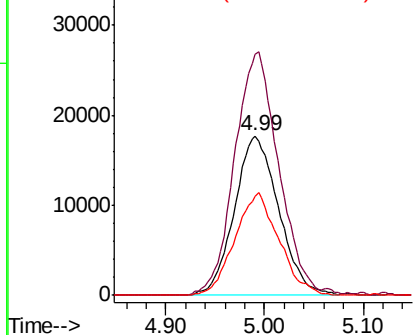
#21
trans-1,2-Dichloroethene
Concen: 18.575 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion: 96 Resp: 55124
Ion Ratio Lower Upper
96 100
61 151.3 115.8 173.6
98 62.2 49.4 74.0

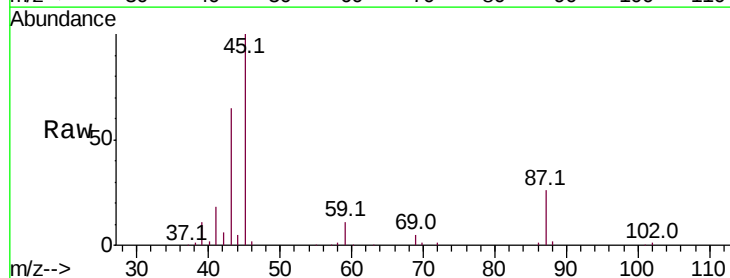


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

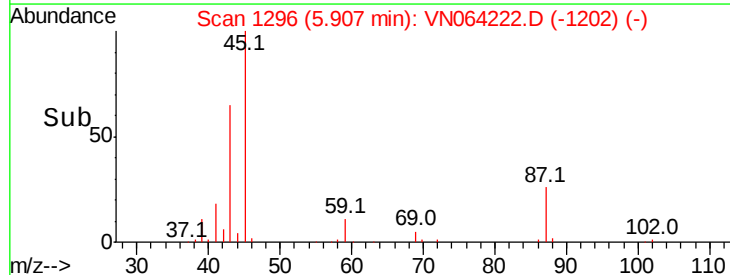
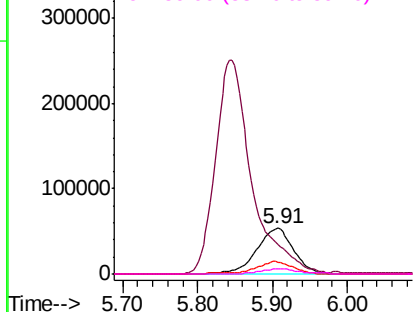


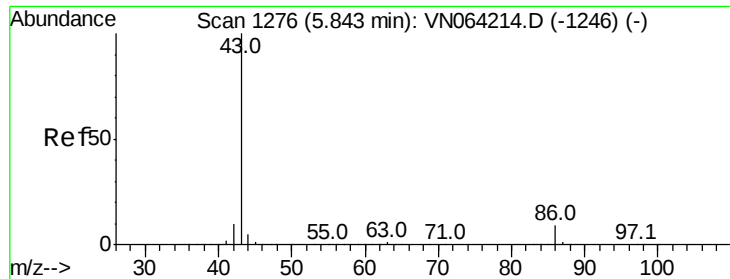
#22
Diisopropyl ether
Concen: 18.397 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 45 Resp: 184215
Ion Ratio Lower Upper
45 100
43 61.9 52.2 78.4
87 26.4 21.4 32.0
59 10.5 8.3 12.5



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





#23

Vinyl Acetate

Concen: 94.616 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampled :

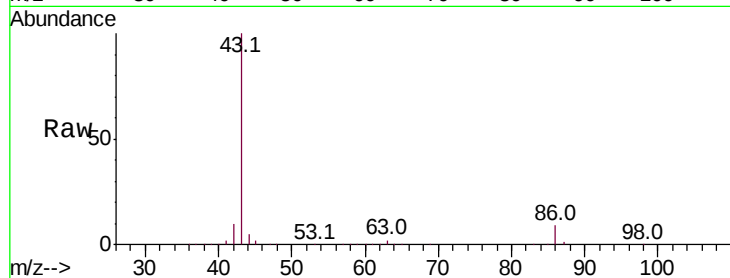
VN1021WBS01

Tot Ion: 43 Resp: 844908

Ion Ratio Lower Upper

43 100

86 8.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN064214.D (-1246) (-)

5.85

250000

200000

150000

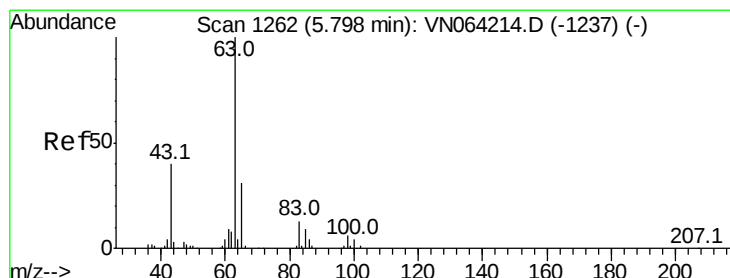
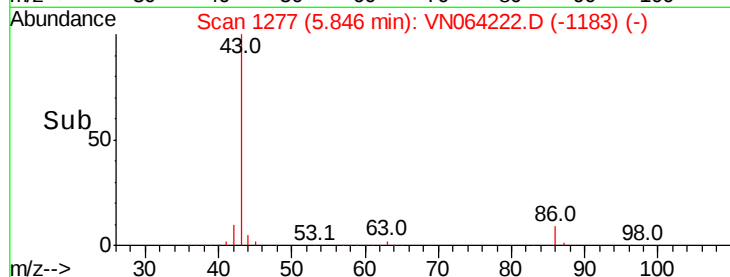
100000

50000

0

Time-->

5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 19.353 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

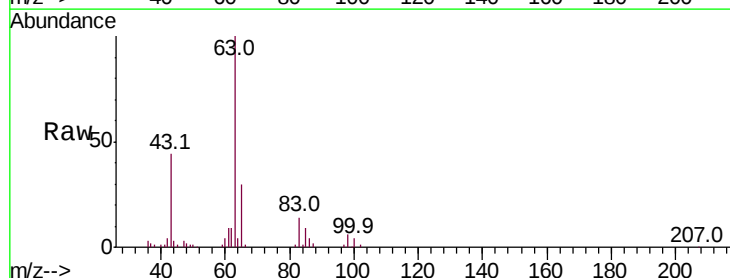
Tgt Ion: 63 Resp: 112262

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

100 3.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN064214.D (-1237) (-)

Ion 97.90 (97.60 to 98.60): VN064214.D (-1237) (-)

Ion 99.90 (99.60 to 100.60): VN064214.D (-1237) (-)

5.80

40000

30000

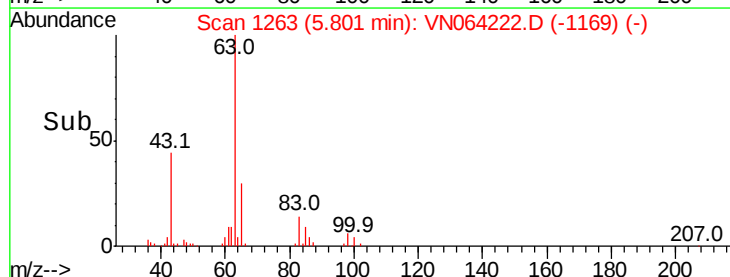
20000

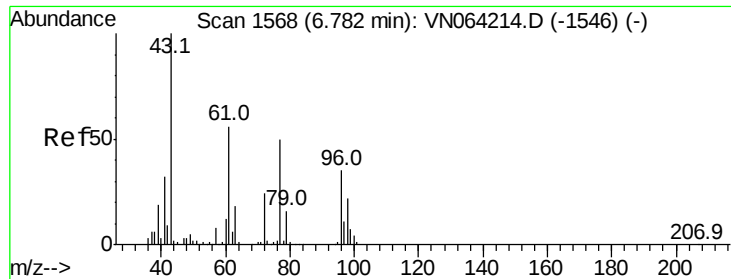
10000

0

Time-->

5.70 5.80 5.90

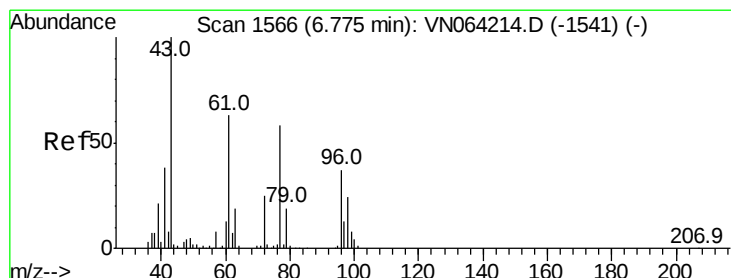
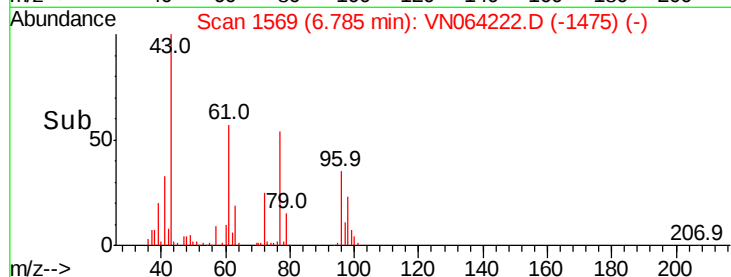
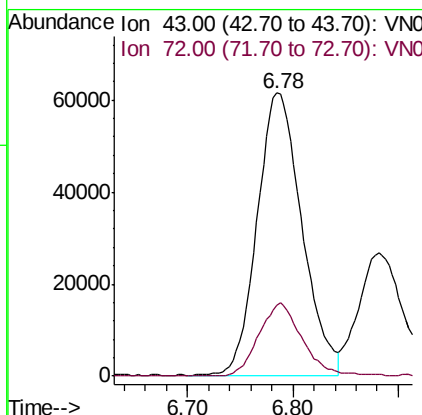
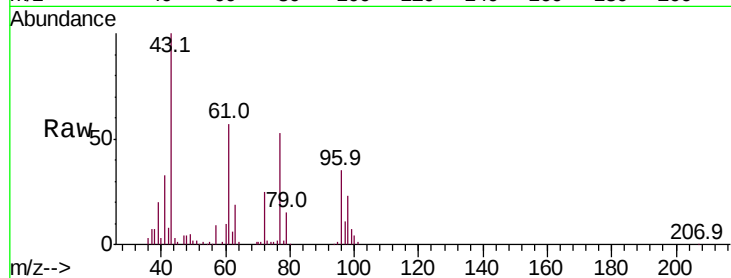




#25
2-Butanone
Concen: 94.065 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

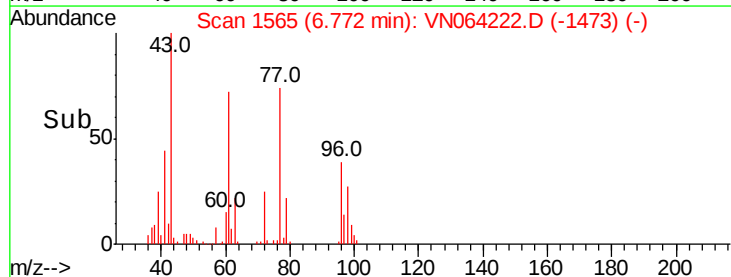
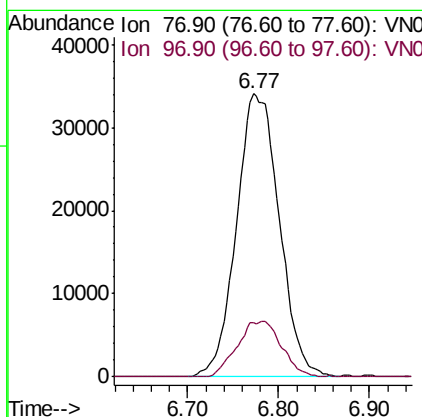
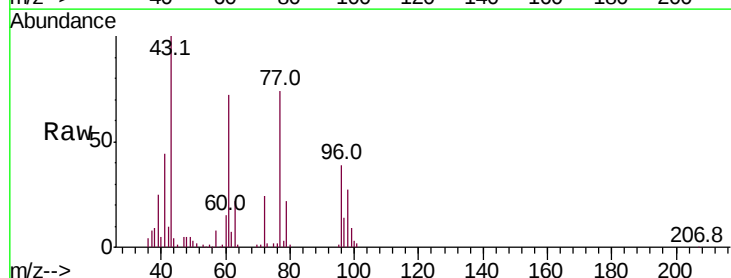
Instrument :
MSVOA_N
ClientSampled :
VN1021WBS01

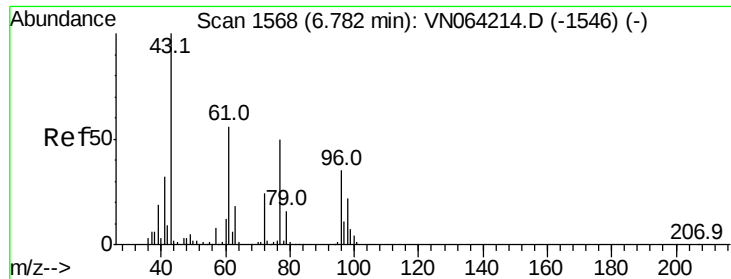
Tot Ion: 43 Resp: 182351
Ion Ratio Lower Upper
43 100
72 25.1 19.4 29.0



#26
2,2-Dichloropropane
Concen: 19.263 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 77 Resp: 111242
Ion Ratio Lower Upper
77 100
97 9.4 10.4 31.4#

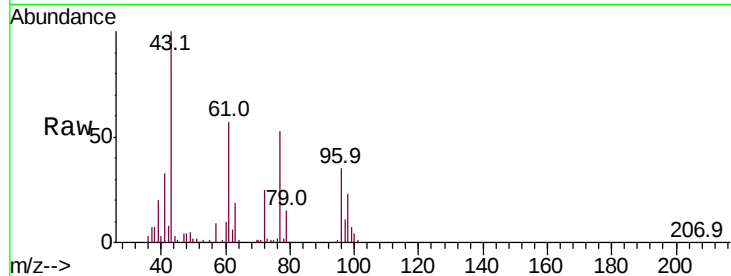




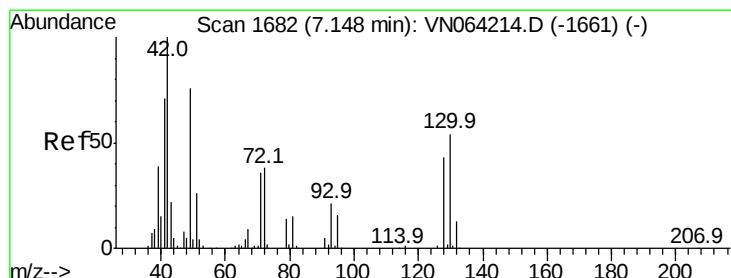
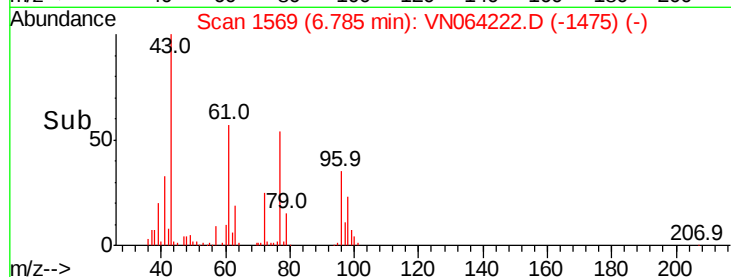
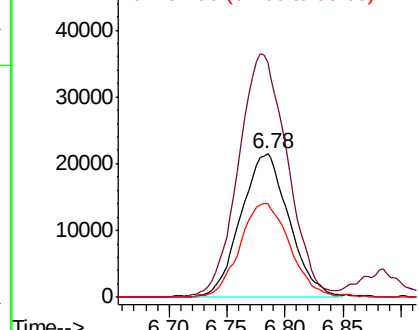
#27
 cis-1,2-Dichloroethene
 Concen: 18.040 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

Tot Ion: 96 Resp: 62348
 Ion Ratio Lower Upper
 96 100
 61 172.0 0.0 330.0
 98 67.6 0.0 130.6

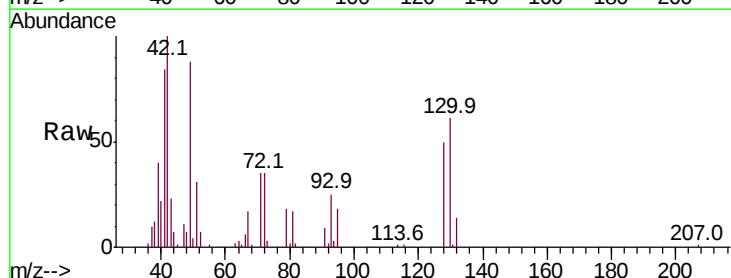


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

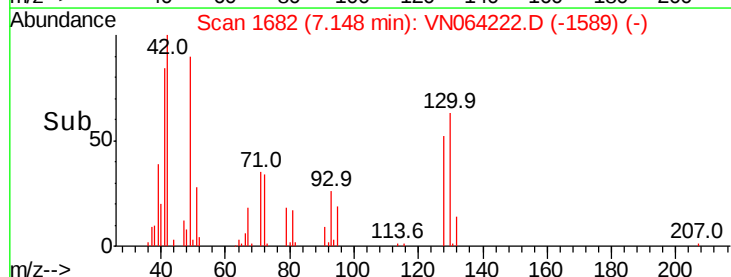
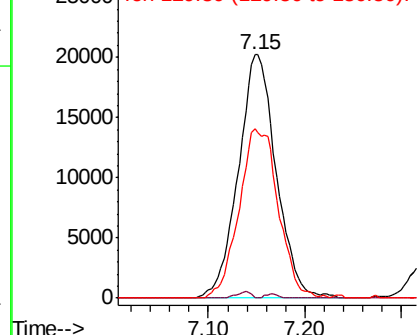


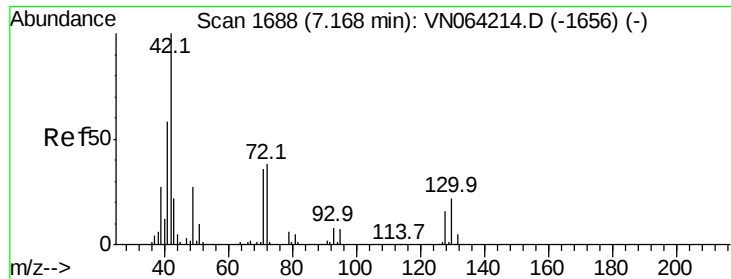
#28
 Bromochloromethane
 Concen: 19.953 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion: 49 Resp: 54985
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 2.8
 130 72.0 58.8 88.2



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

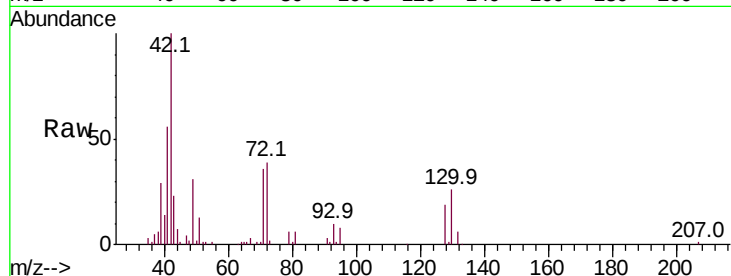




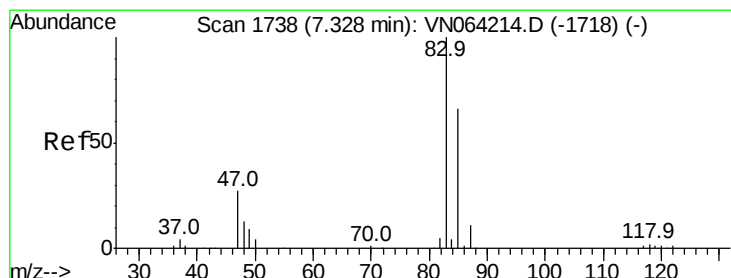
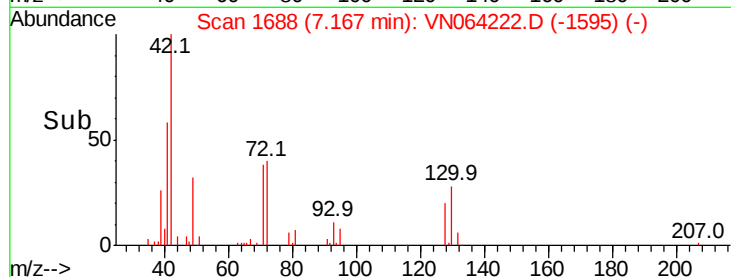
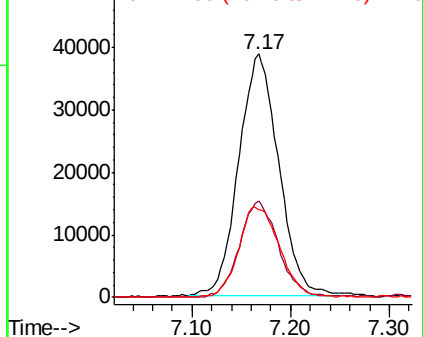
#29
Tetrahydrofuran
Concen: 92.916 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampled :
VN1021WBS01

Tot Ion: 42 Resp: 107745
Ion Ratio Lower Upper
42 100
72 39.0 30.8 46.2
71 38.6 29.0 43.6

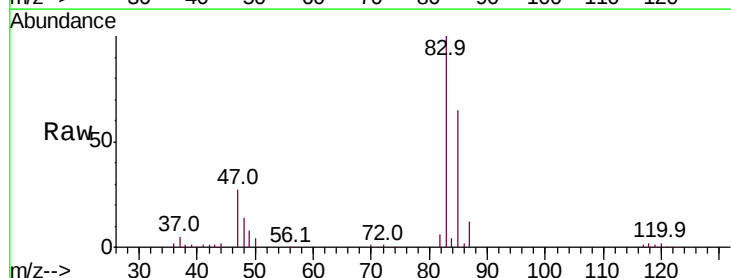


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

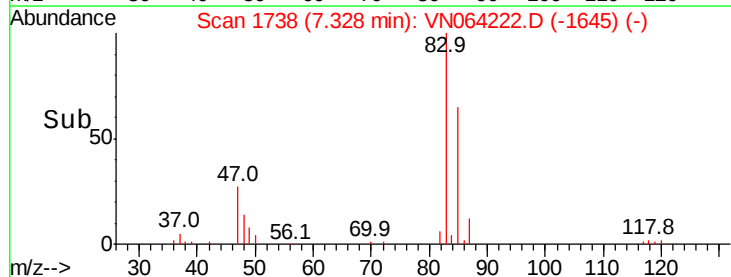
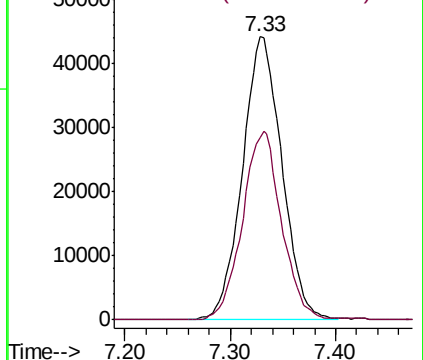


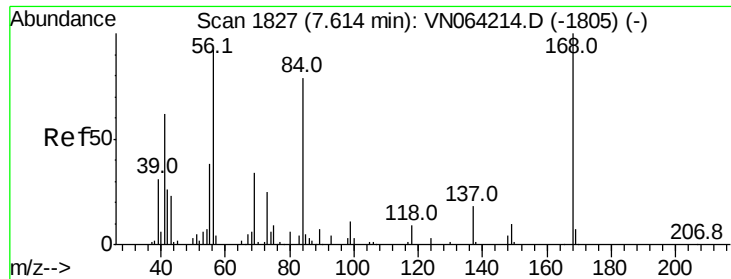
#30
Chloroform
Concen: 18.624 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 83 Resp: 115236
Ion Ratio Lower Upper
83 100
85 64.5 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

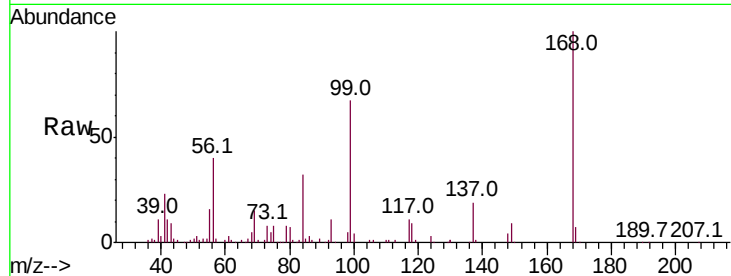




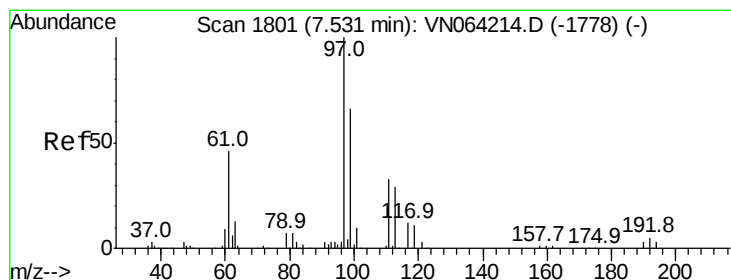
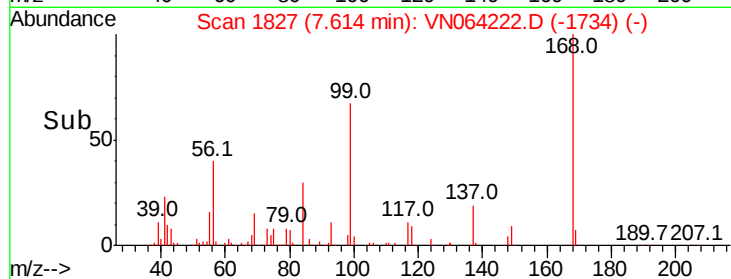
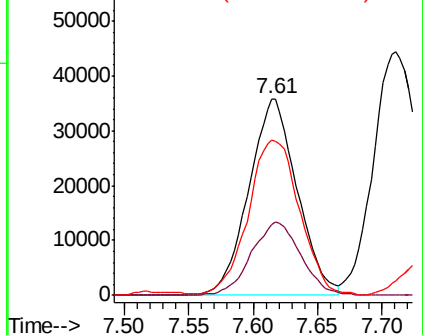
#31
Cyclohexane
Concen: 18.484 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion: 56 Resp: 93443
Ion Ratio Lower Upper
56 100
69 36.2 29.8 44.6
84 78.3 68.1 102.1

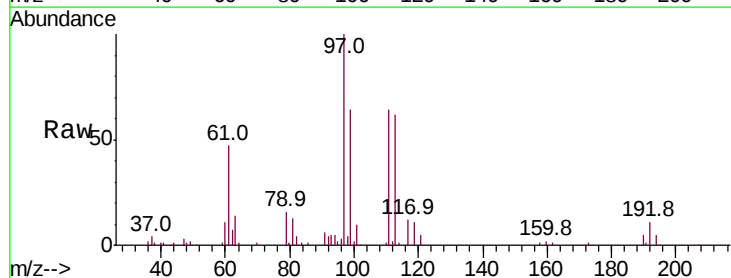


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

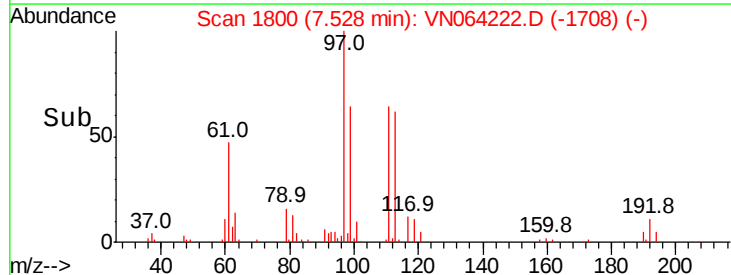
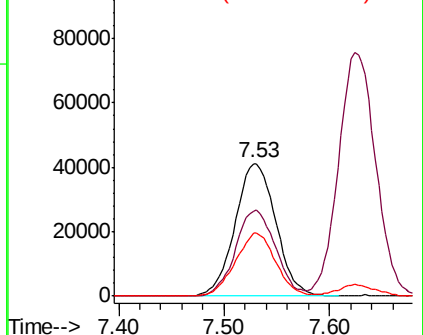


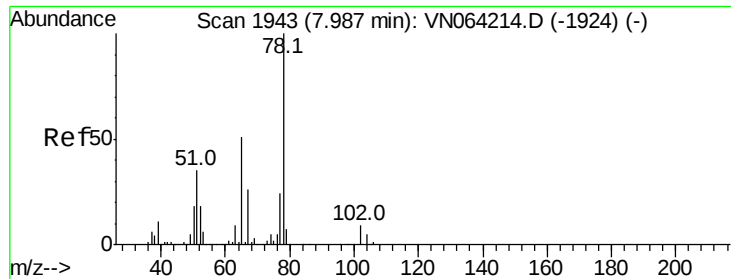
#32
1,1,1-Trichloroethane
Concen: 19.109 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 97 Resp: 110762
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 46.9 36.3 54.5



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: 52.159 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

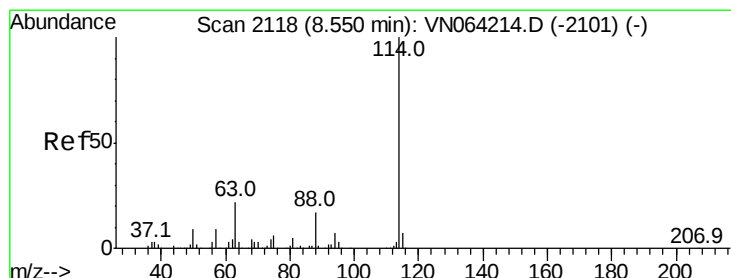
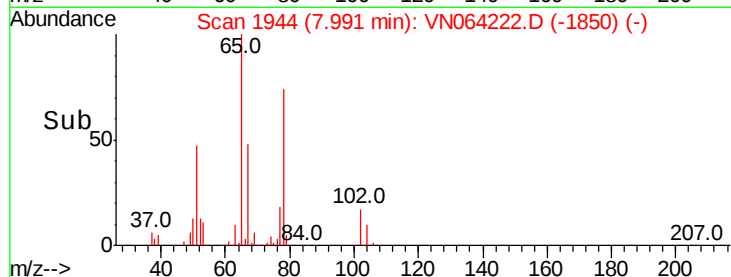
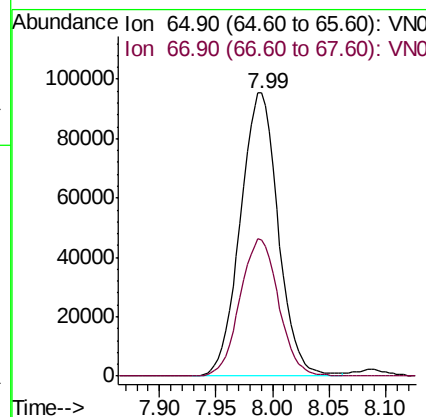
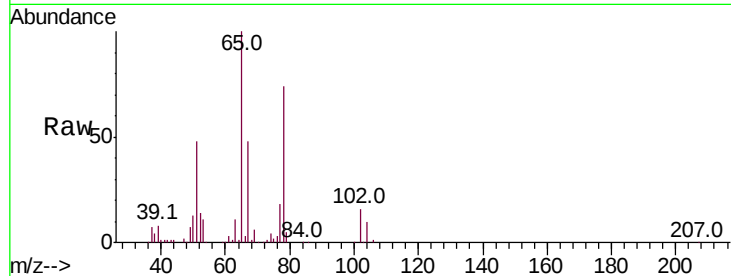
Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion: 65 Resp: 222428

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

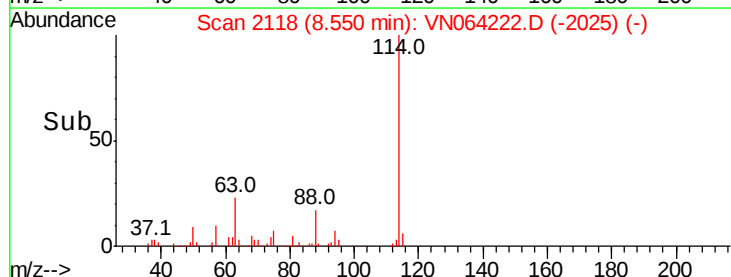
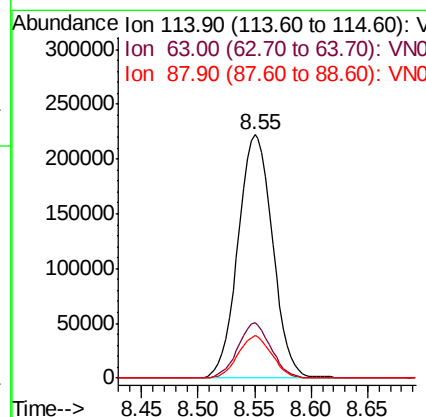
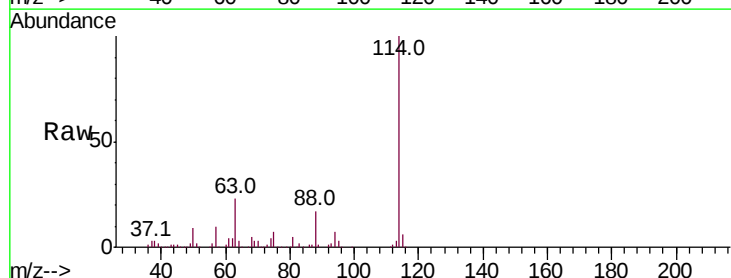
Delta R.T. -0.00 min

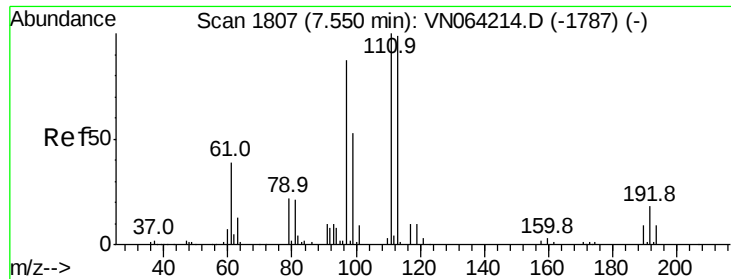
Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Tgt Ion: 114 Resp: 473780

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	44.0
88	17.4	0.0	34.2

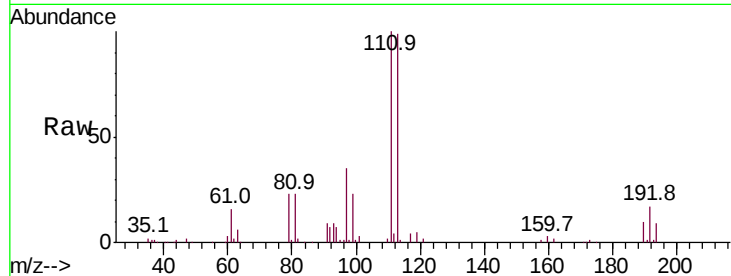




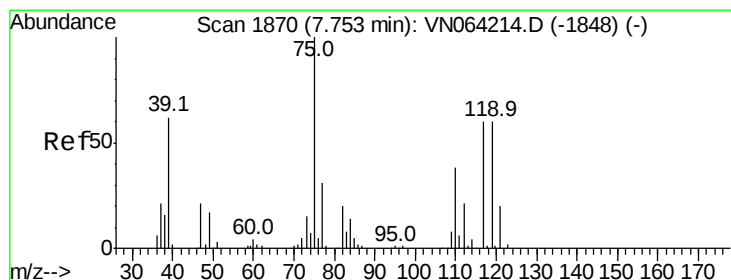
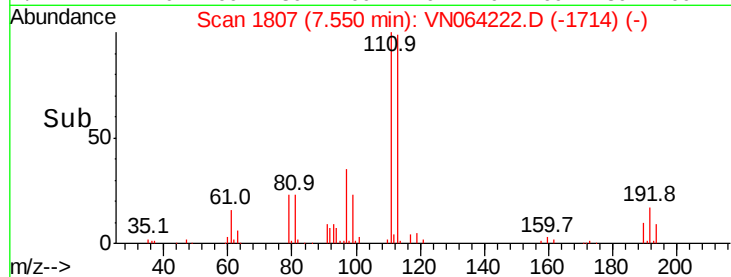
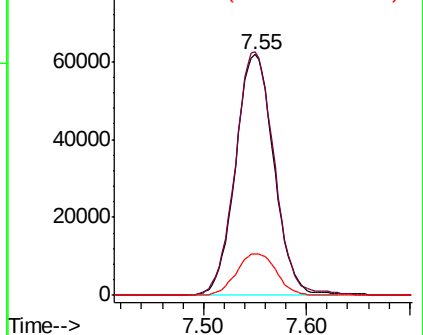
#35
Dibromofluoromethane
Concen: 50.854 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion:113 Resp: 160186
Ion Ratio Lower Upper
113 100
111 102.5 84.2 126.2
192 17.9 15.2 22.8

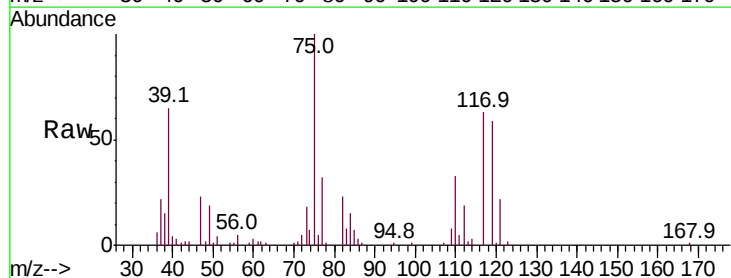


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

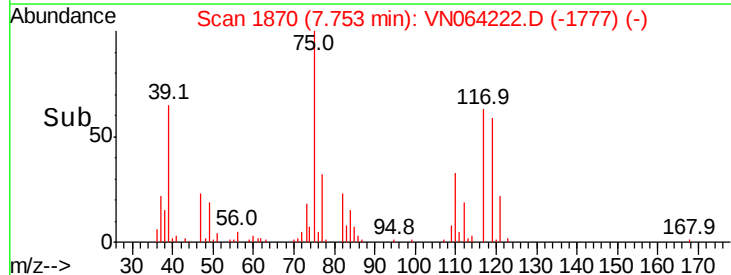
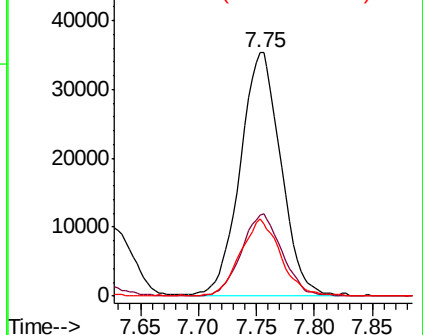


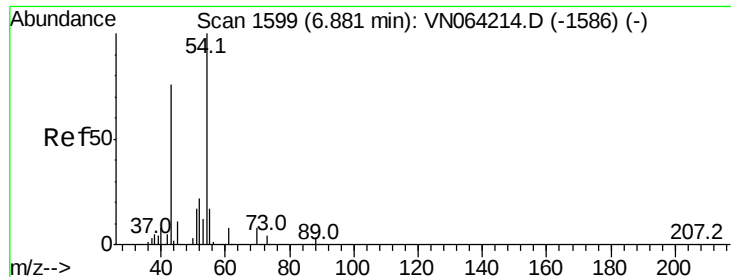
#36
1,1-Dichloropropene
Concen: 18.307 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 75 Resp: 86470
Ion Ratio Lower Upper
75 100
110 33.5 17.2 51.6
77 31.2 24.9 37.3



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

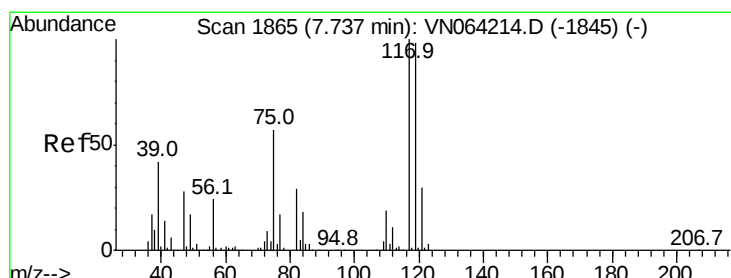
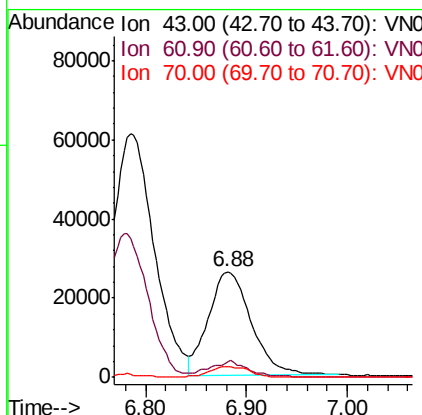
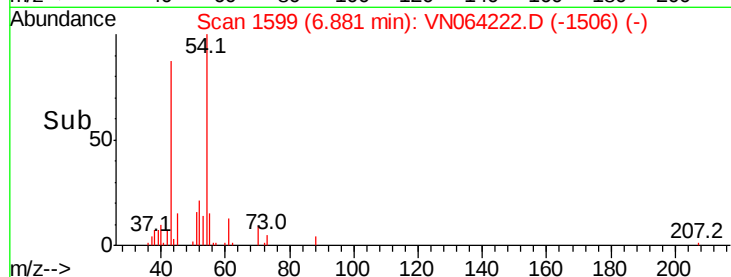
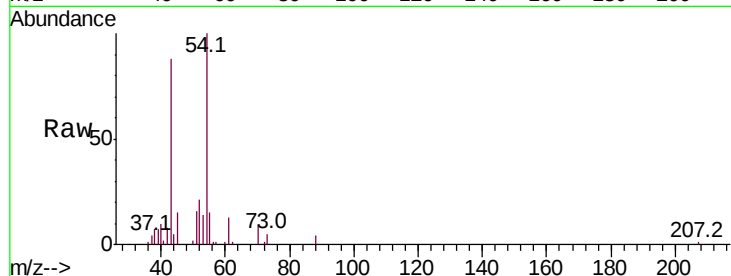




#37
Ethyl Acetate
Concen: 18.309 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

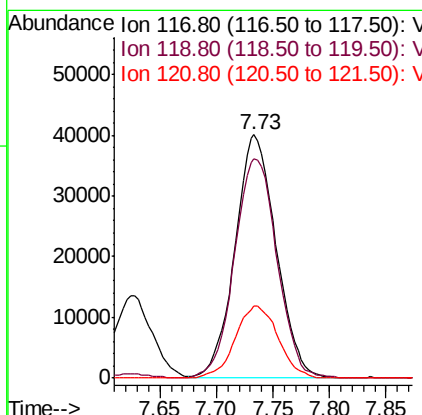
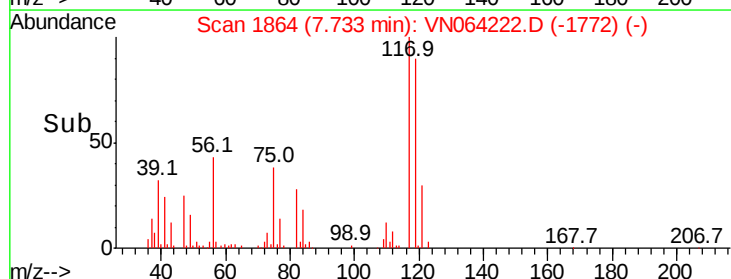
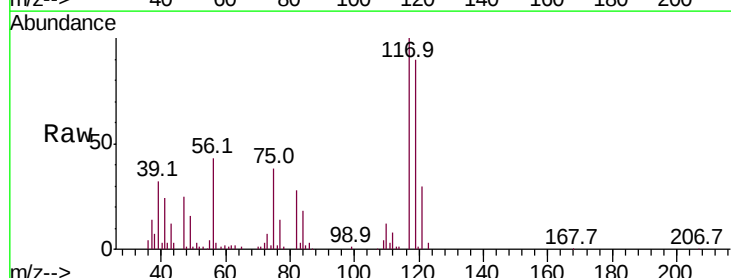
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

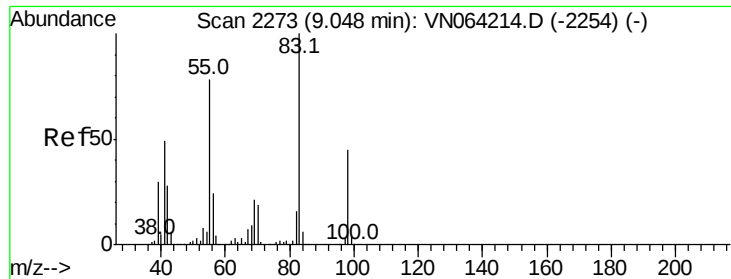
Tot Ion: 43 Resp: 78520
Ion Ratio Lower Upper
43 100
61 14.2 10.0 15.0
70 9.6 7.5 11.3



#38
Carbon Tetrachloride
Concen: 18.884 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 117 Resp: 101485
Ion Ratio Lower Upper
117 100
119 89.9 78.5 117.7
121 29.5 24.3 36.5

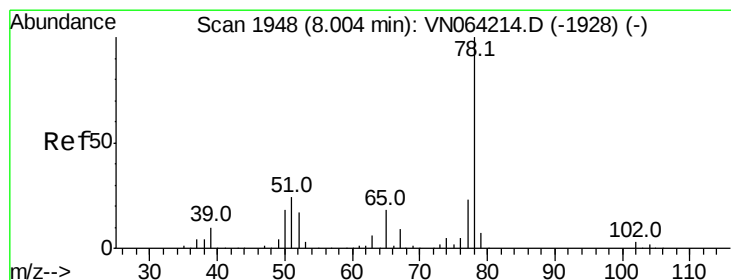
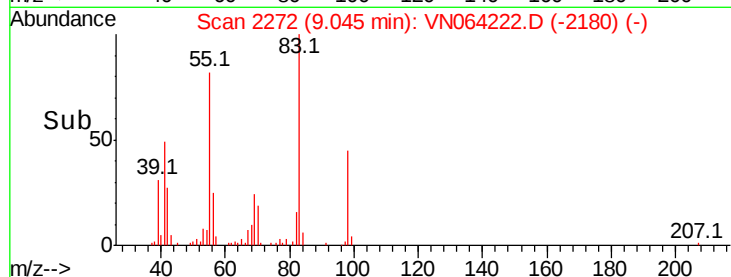
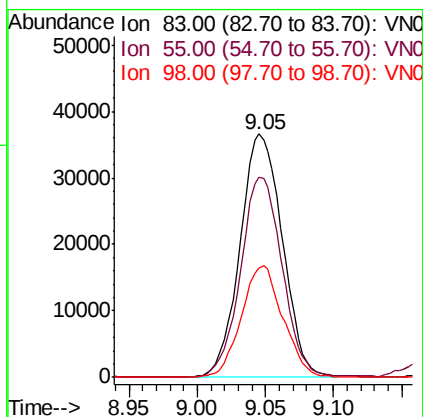
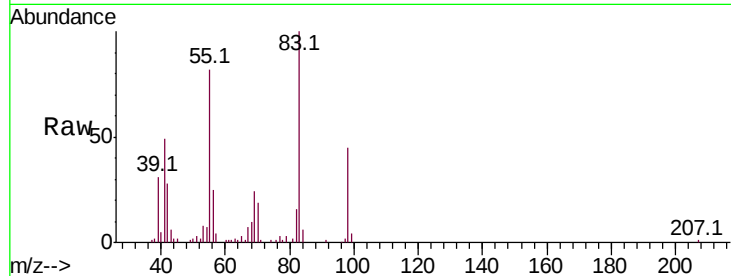




#39
Methvlcvclohexane
Concen: 18.379 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

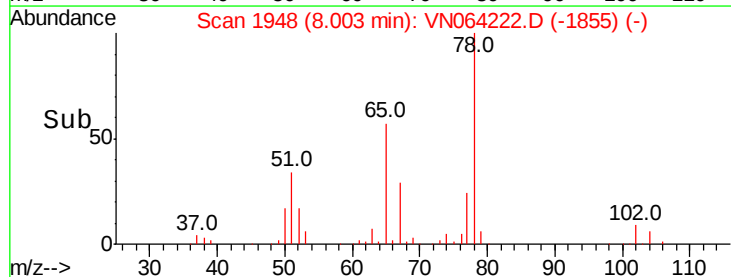
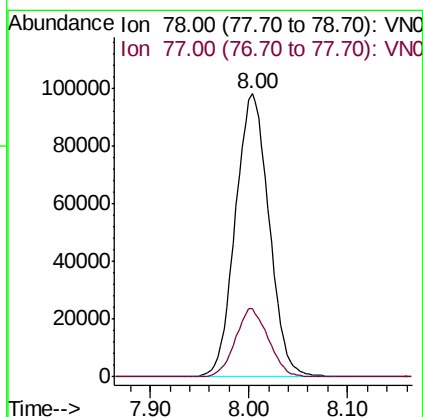
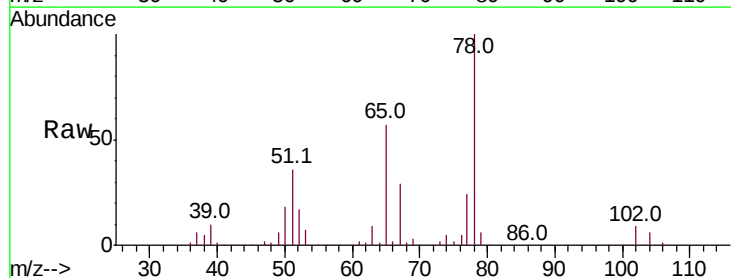
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

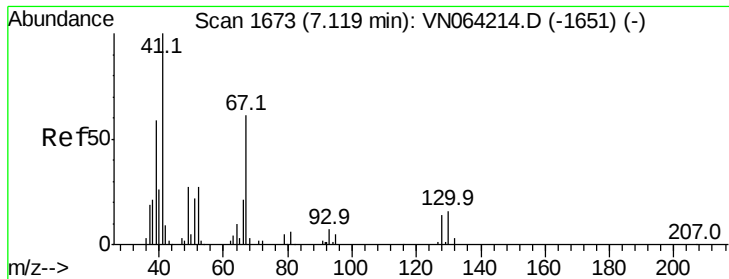
Tot Ion: 83 Resp: 78935
Ion Ratio Lower Upper
83 100
55 82.0 62.2 93.2
98 44.9 35.9 53.9



#40
Benzene
Concen: 17.747 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 78 Resp: 231395
Ion Ratio Lower Upper
78 100
77 23.9 18.3 27.5

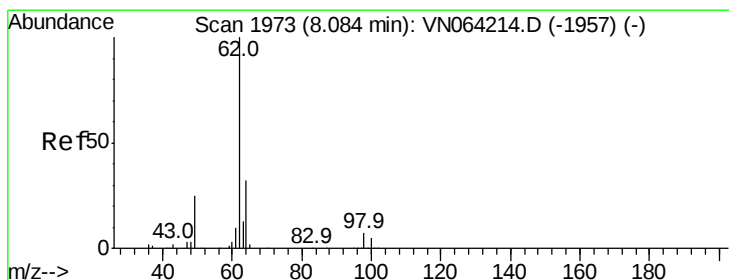
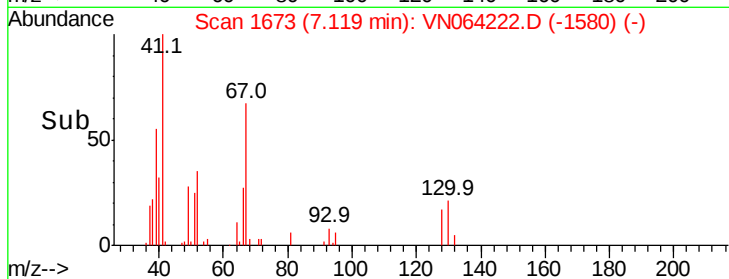
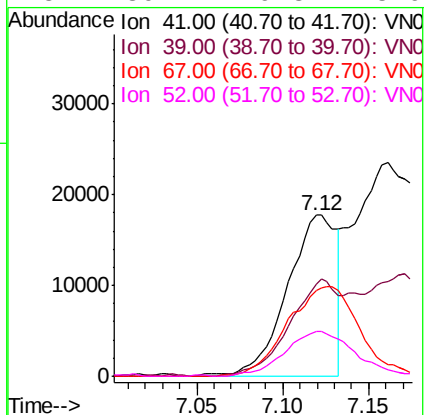
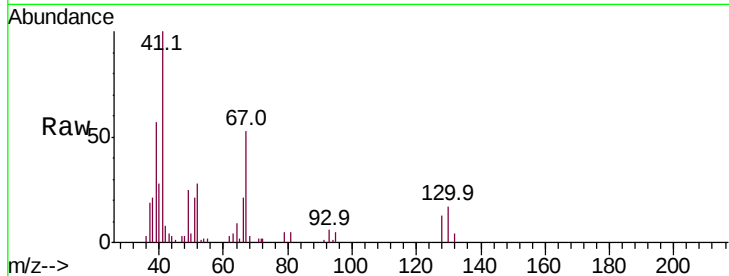




#41
Methacrylonitrile
Concen: 15.759 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

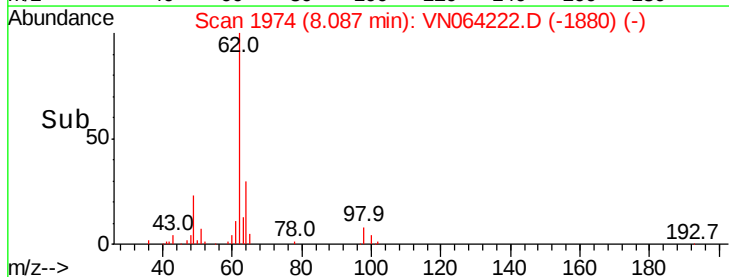
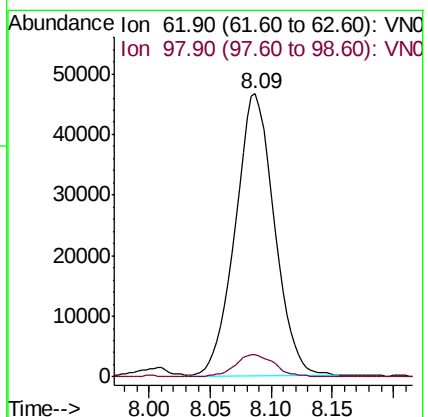
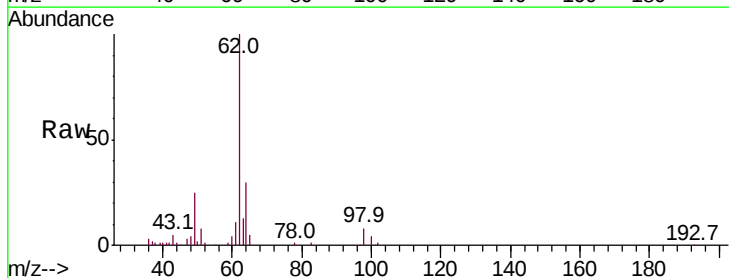
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

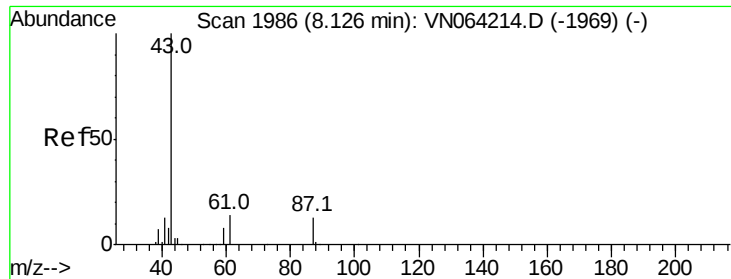
Tot Ion:	41	Resp:	35452
Ion	Ratio	Lower	Upper
41	100		
39	61.7	50.5	75.7
67	81.1	63.2	94.8
52	39.7	29.3	43.9



#42
1,2-Dichloroethane
Concen: 18.496 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion:	62	Resp:	103307
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	15.0





#43

Isopropyl Acetate

Concen: 18.362 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampled :

VN1021WBS01

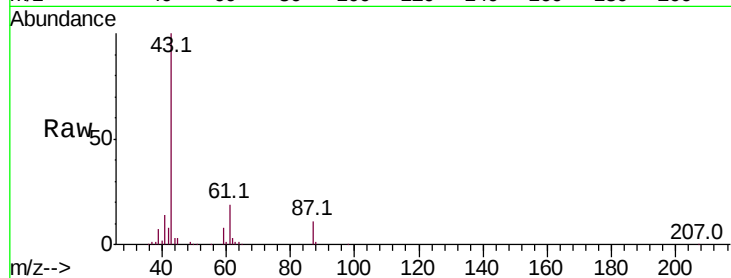
Tot Ion: 43 Resp: 146756

Ion Ratio Lower Upper

43 100

61 18.9 19.6 29.4#

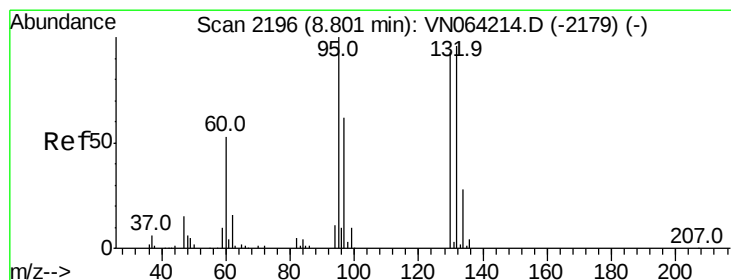
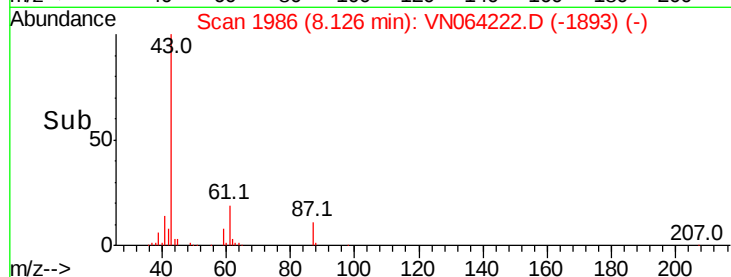
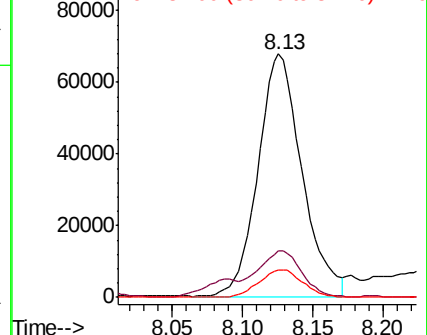
87 11.2 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN064214.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN064214.D (-1969) (-)



#44

Trichloroethene

Concen: 18.503 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064222.D

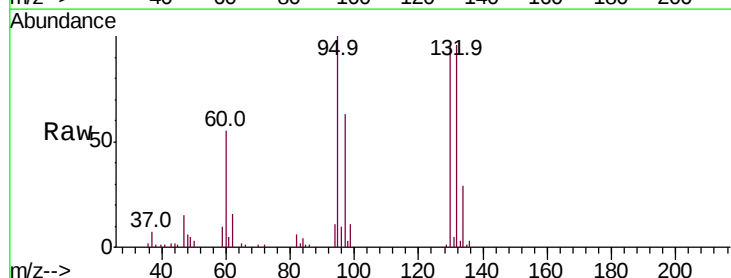
Acq: 21 Oct 2020 15:29

Tgt Ion:130 Resp: 65742

Ion Ratio Lower Upper

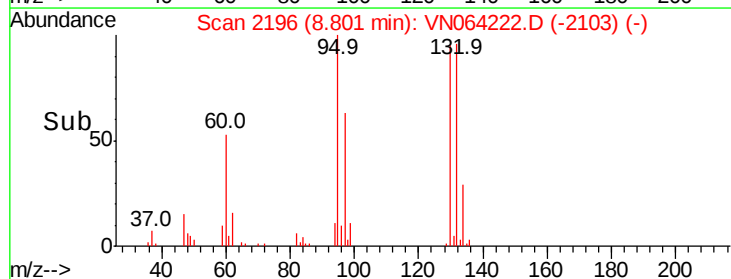
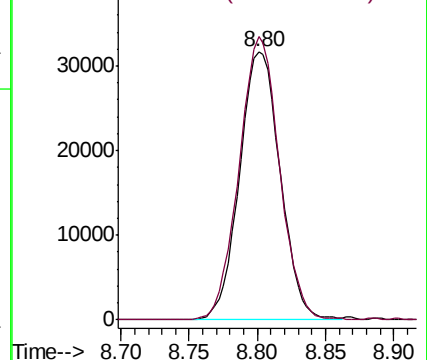
130 100

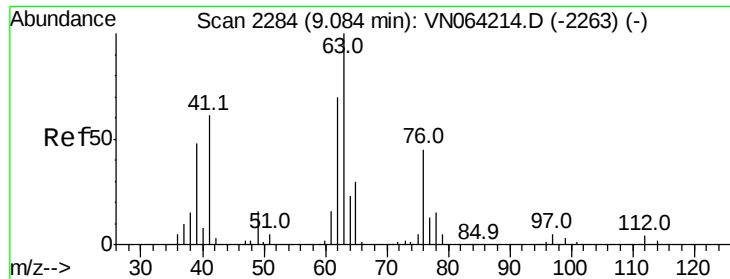
95 105.5 0.0 214.0



Abundance Ion 129.80 (129.50 to 130.50): VN064214.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN064214.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 18.350 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

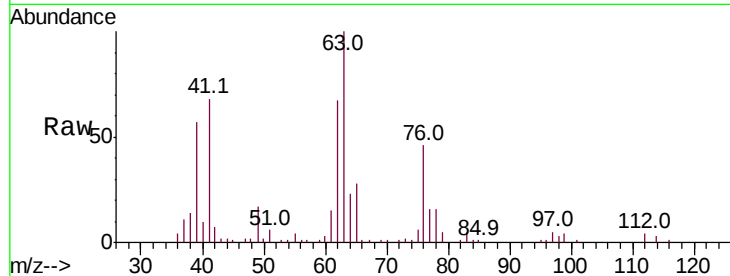
VN1021WBS01

Tot Ion: 63 Resp: 63871

Ion Ratio Lower Upper

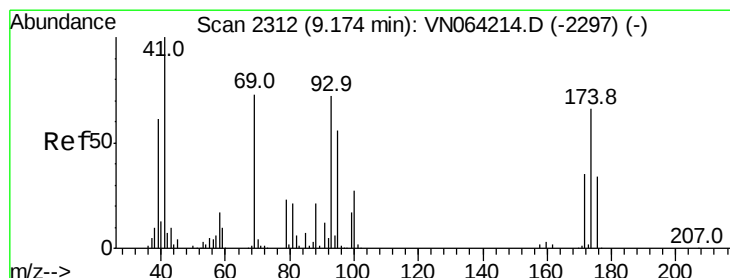
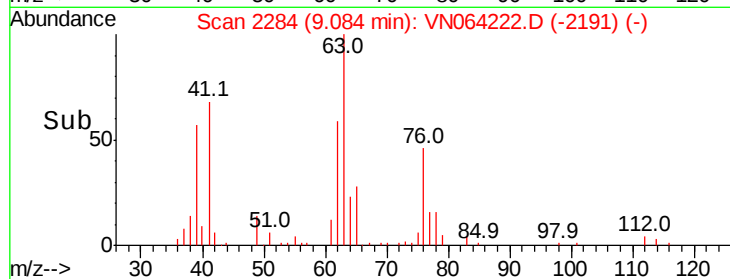
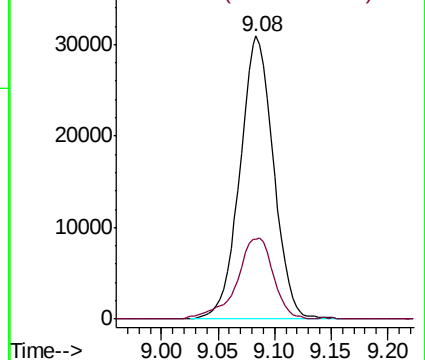
63 100

65 28.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.443 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

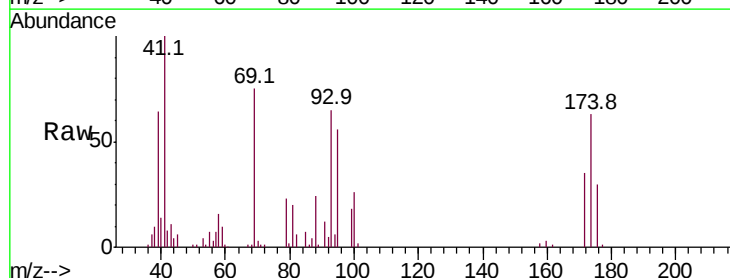
Tgt Ion: 93 Resp: 43105

Ion Ratio Lower Upper

93 100

95 83.6 63.0 94.4

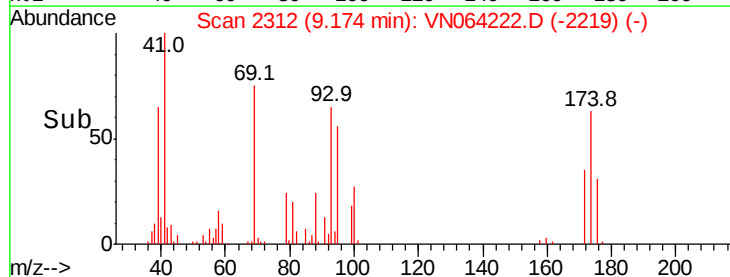
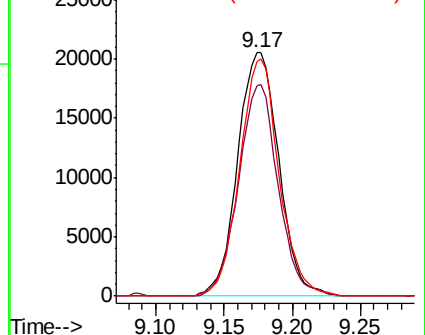
174 93.2 72.9 109.3

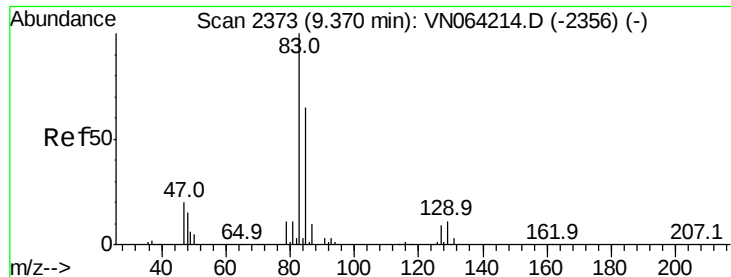


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.983 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

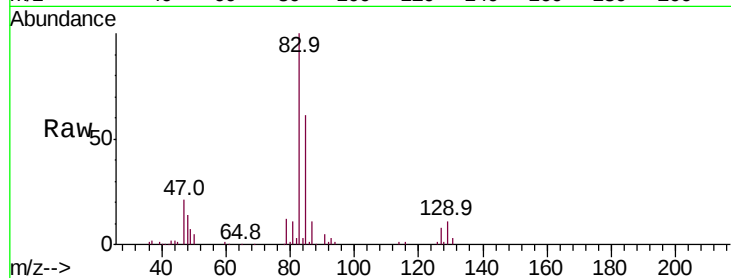
Tot Ion: 83 Resp: 98024

Ion Ratio Lower Upper

83 100

85 61.2 51.8 77.8

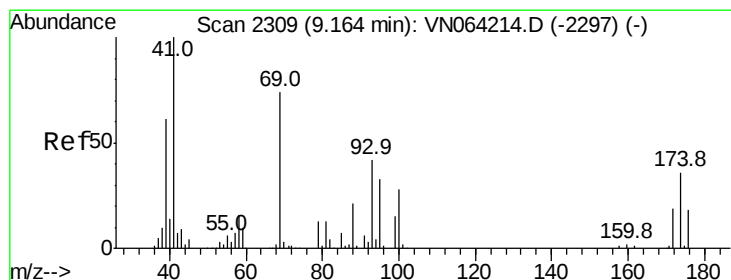
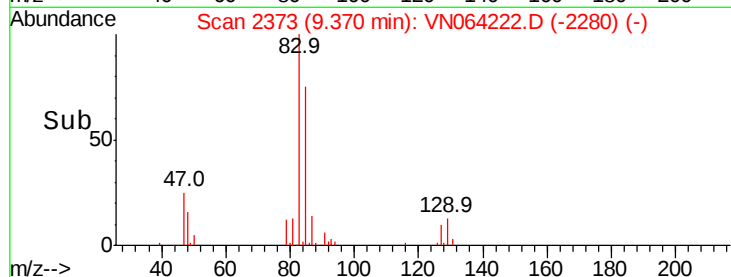
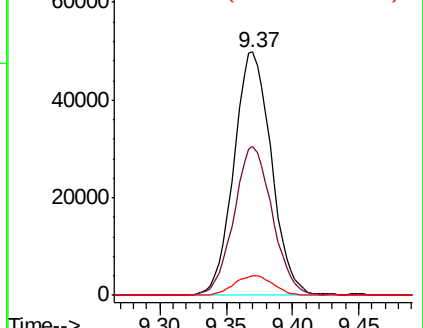
127 7.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN064222.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064222.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064222.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.459 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

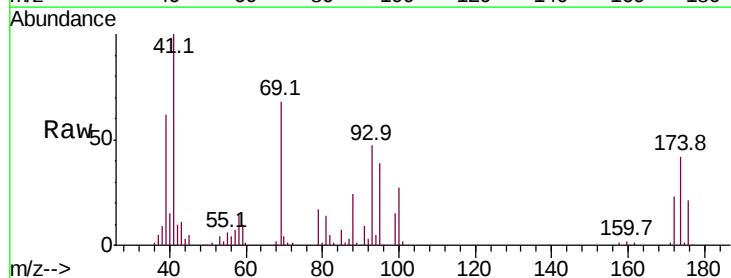
Tgt Ion: 41 Resp: 72893

Ion Ratio Lower Upper

41 100

69 73.1 57.3 85.9

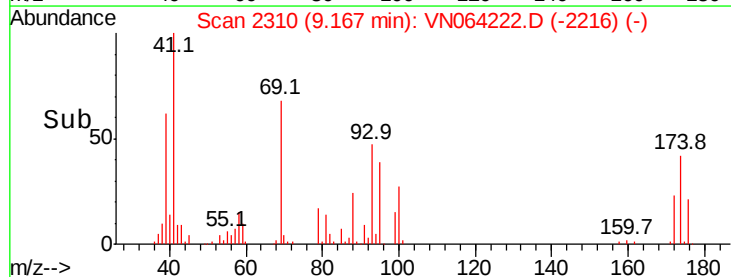
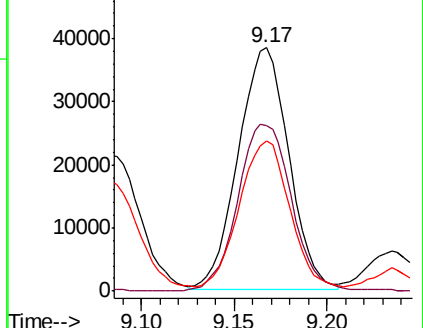
39 62.1 48.6 73.0

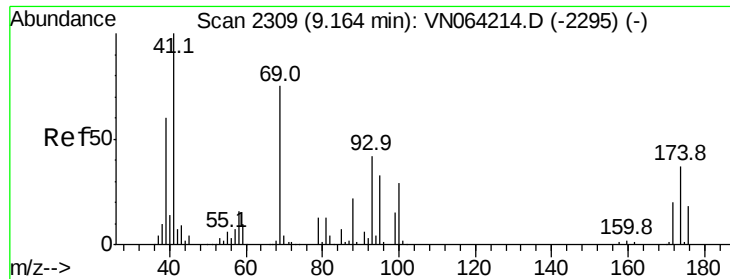


Abundance Ion 41.00 (40.70 to 41.70): VN064222.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064222.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064222.D (-2216) (-)





#49

1,4-Dioxane

Concen: 374.124 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

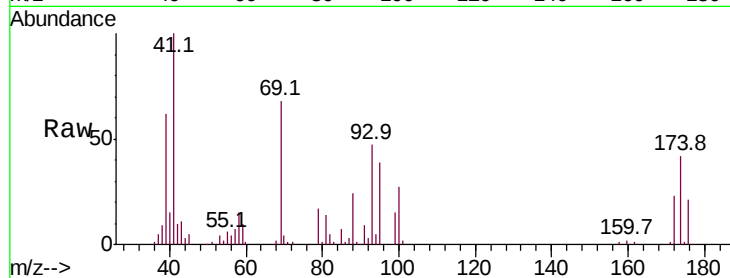
Tot Ion: 88 Resp: 18276

Ion Ratio Lower Upper

88 100

43 38.9 34.6 52.0

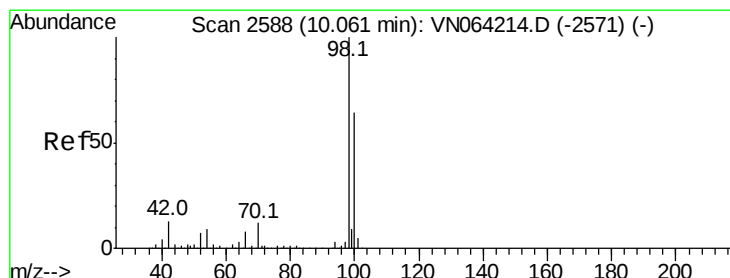
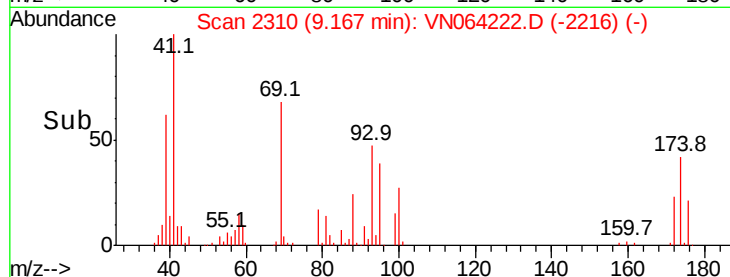
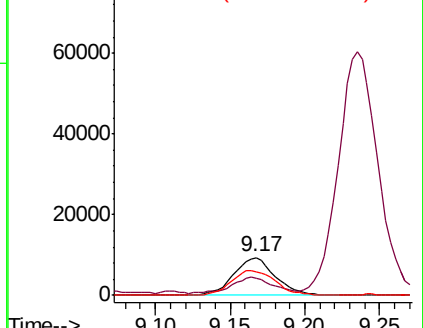
58 69.1 59.0 88.6



Abundance Ion 88.00 (87.70 to 88.70): VN064214.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN064214.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN064214.D (-2295) (-)



#50

Toluene-d8

Concen: 49.976 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064222.D

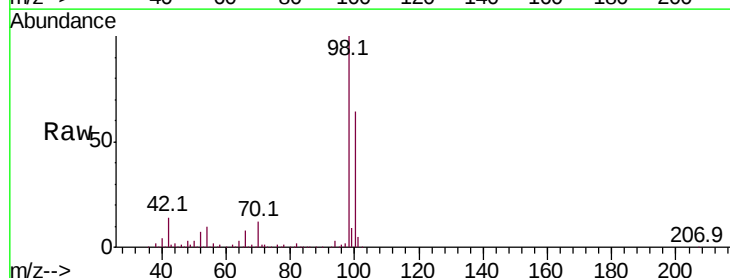
Acq: 21 Oct 2020 15:29

Tgt Ion: 98 Resp: 571042

Ion Ratio Lower Upper

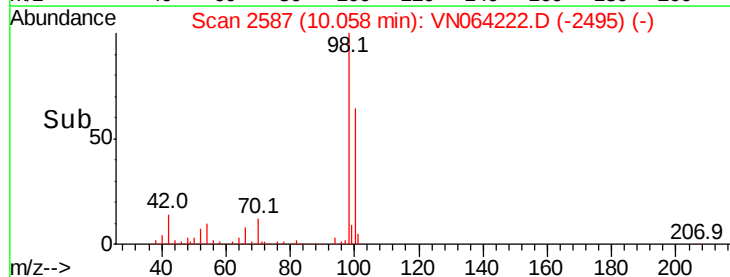
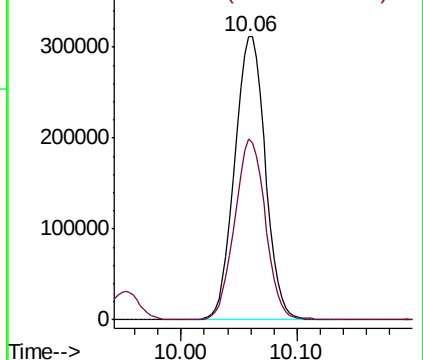
98 100

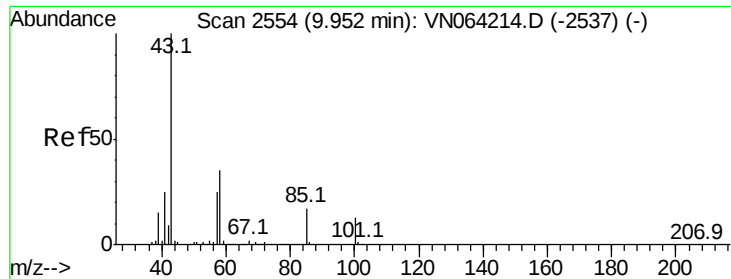
100 63.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN064214.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064214.D (-2571) (-)

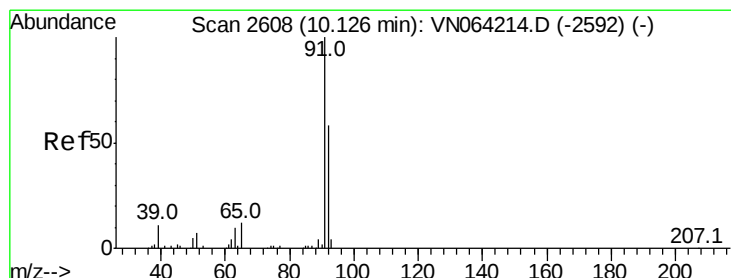
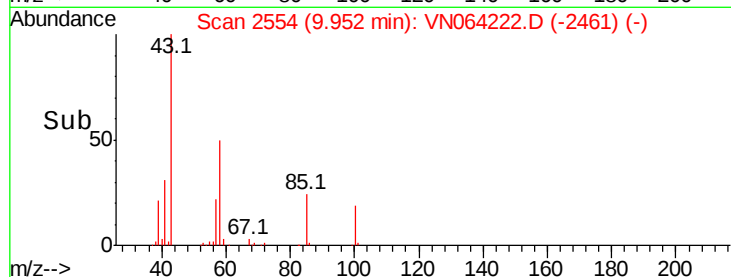
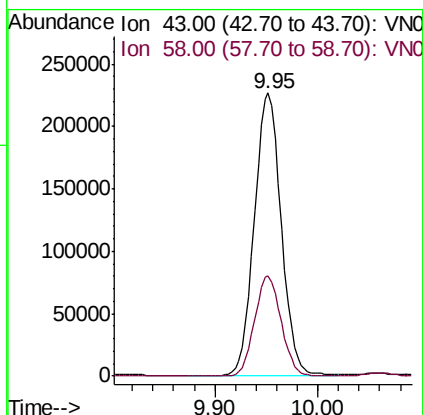
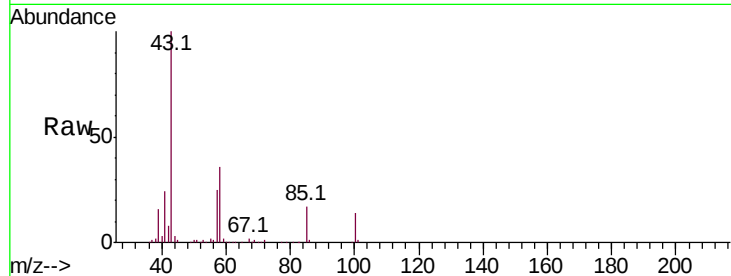




#51
 4-Methyl-2-Pentanone
 Concen: 95.402 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

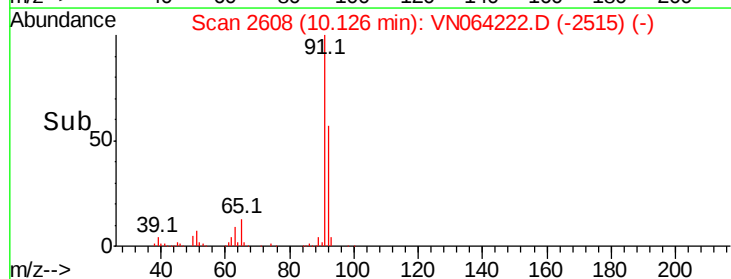
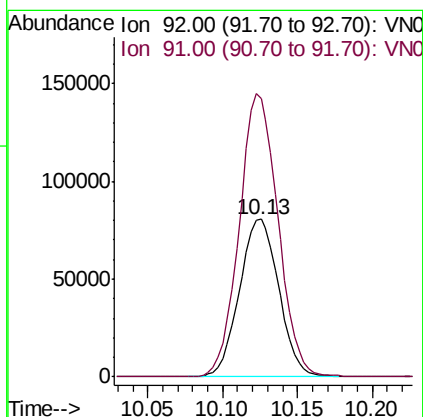
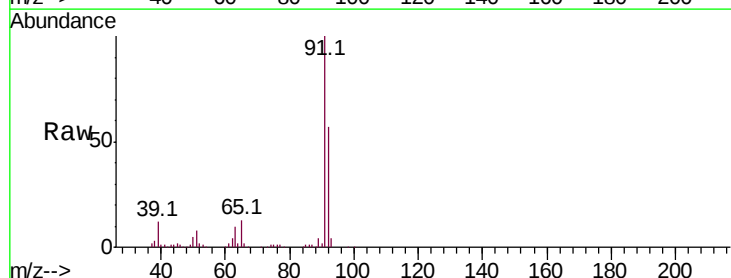
Instrument :
 MSVOA_N
 ClientSampled :
 VN1021WBS01

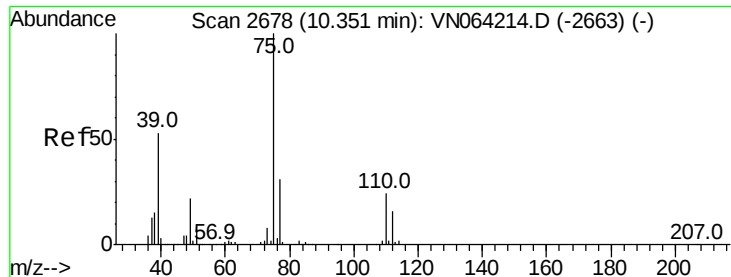
Tot Ion: 43 Resp: 407510
 Ion Ratio Lower Upper
 43 100
 58 35.3 28.6 42.8



#52
 Toluene
 Concen: 17.749 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion: 92 Resp: 148078
 Ion Ratio Lower Upper
 92 100
 91 176.4 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 18.201 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

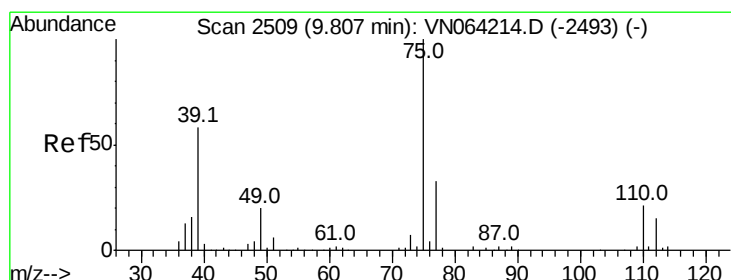
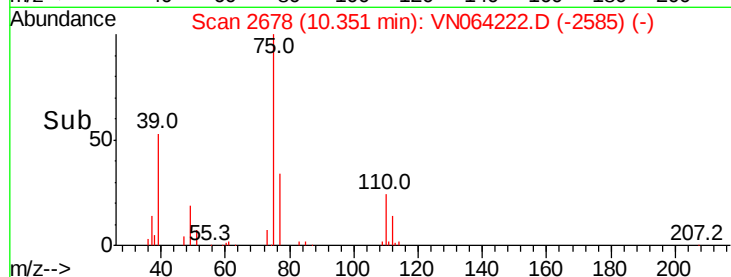
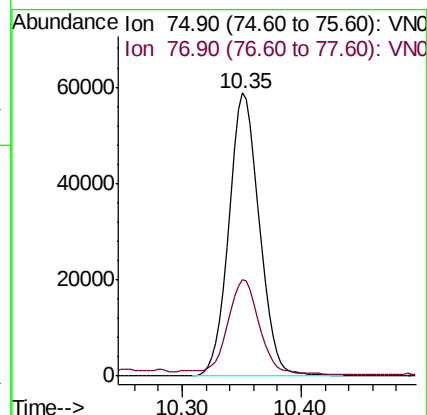
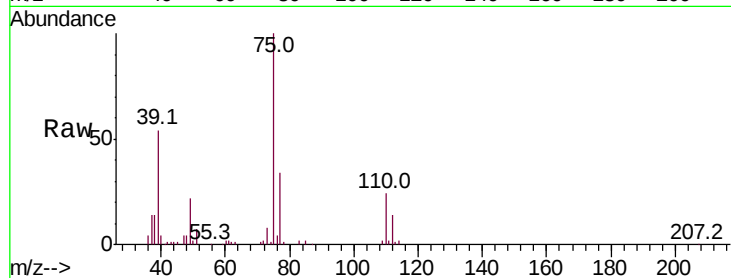
VN1021WBS01

Tot Ion: 75 Resp: 104404

Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.166 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

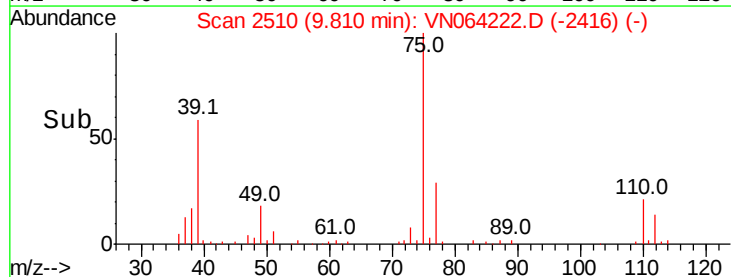
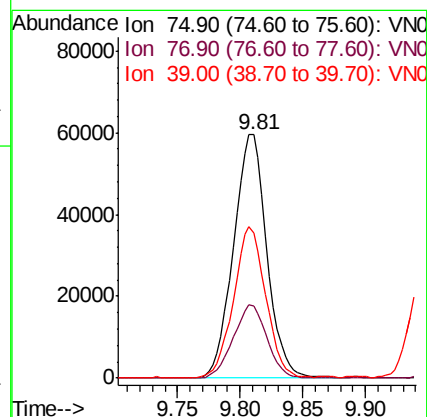
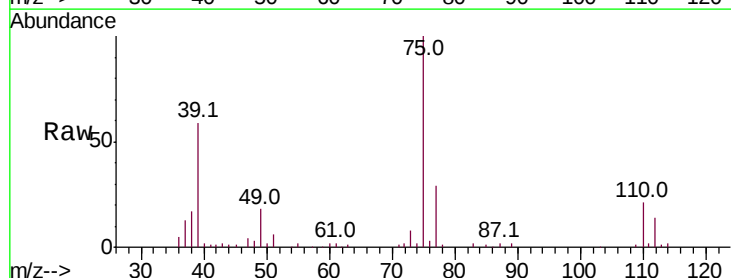
Tgt Ion: 75 Resp: 109719

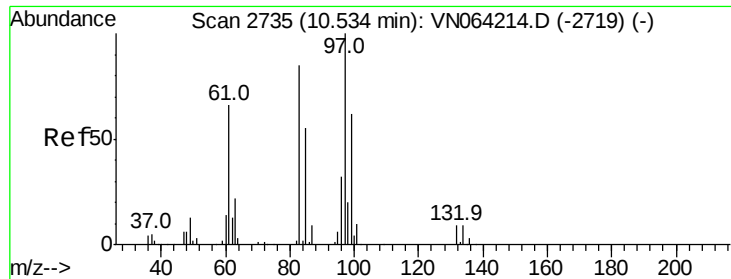
Ion Ratio Lower Upper

75 100

77 29.5 26.6 39.8

39 59.4 46.7 70.1

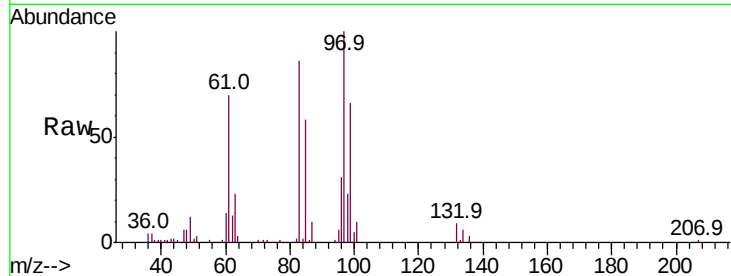




#55
 1,1,2-Trichloroethane
 Concen: 18.635 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampled :
 VN1021WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.8	101.6
85	57.6	43.6	65.4
99	65.7	49.9	74.9



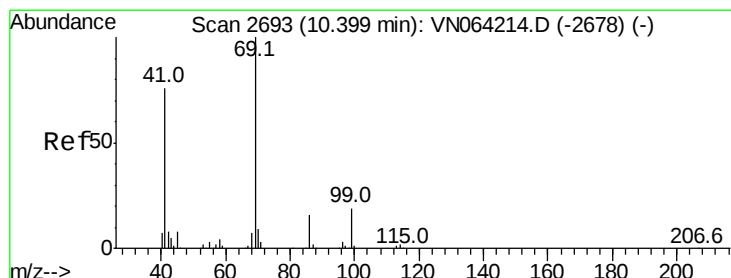
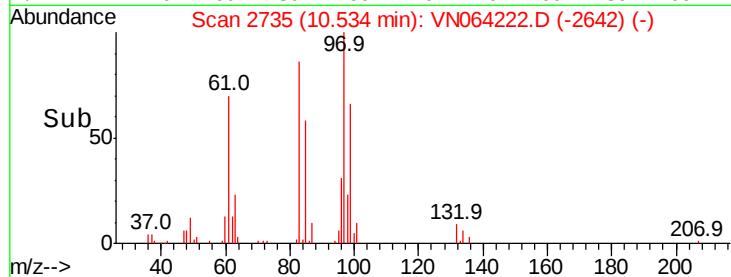
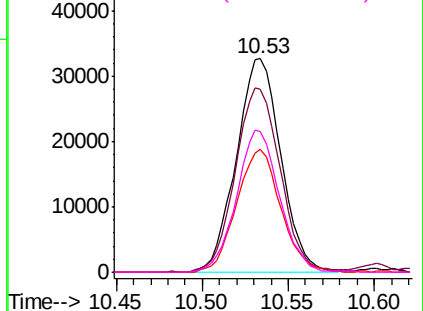
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

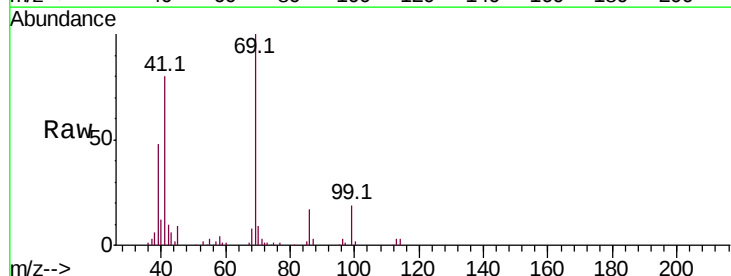
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 19.167 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.5	61.4	92.2
39	44.9	36.0	54.0

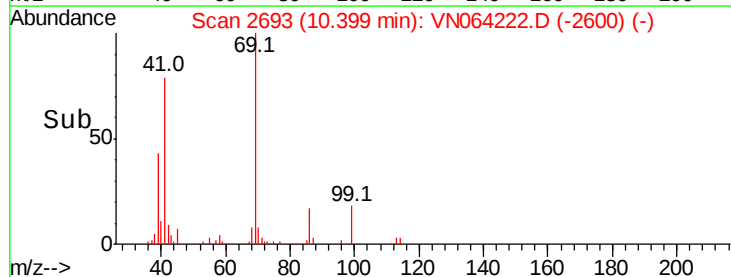
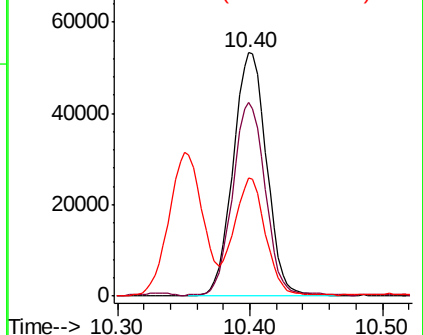


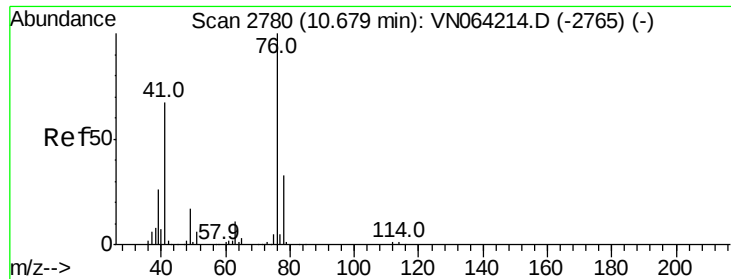
Abundance

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

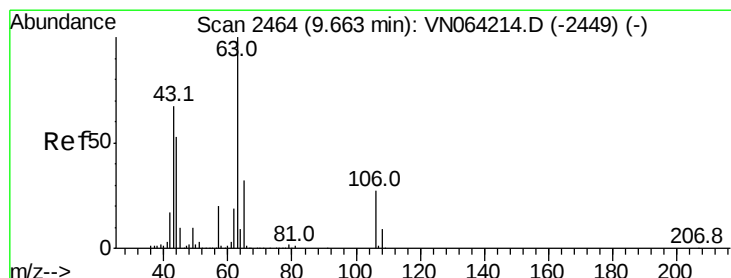
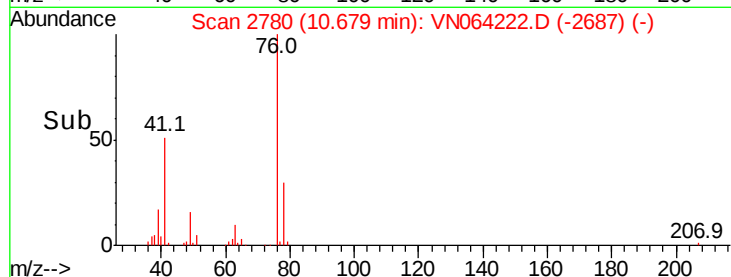
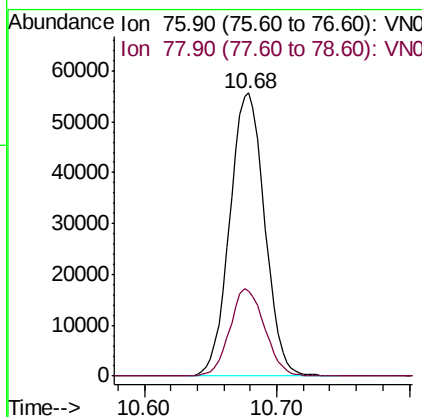
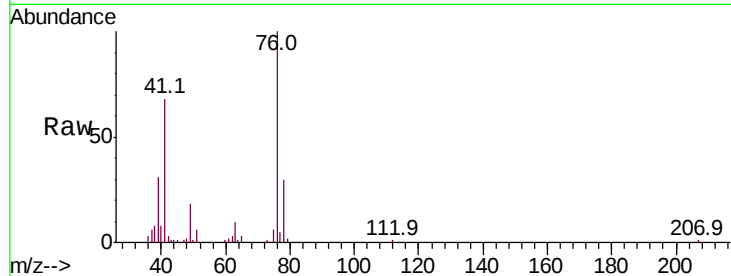




#57
 1,3-Dichloropropane
 Concen: 18.624 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

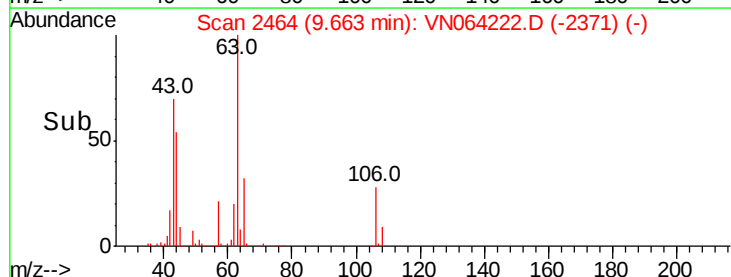
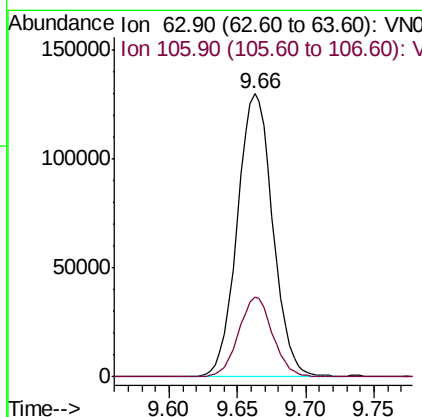
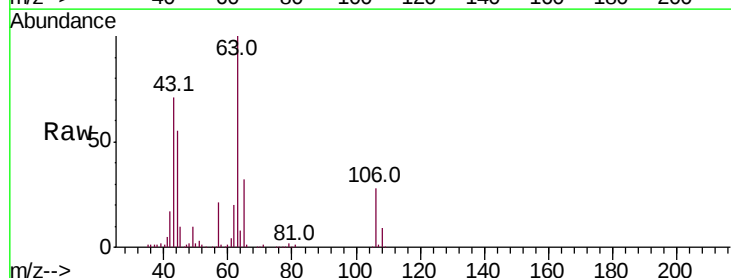
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

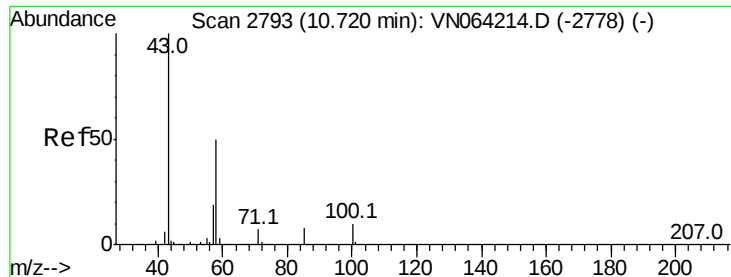
Tot Ion: 76 Resp: 101930
 Ion Ratio Lower Upper
 76 100
 78 30.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.338 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion: 63 Resp: 234168
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.3 31.9

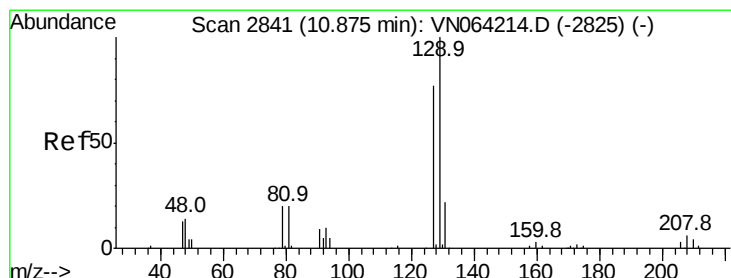
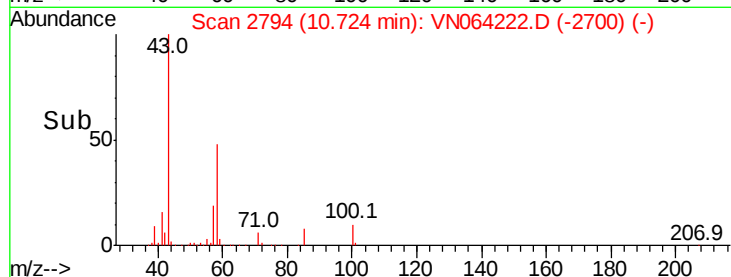
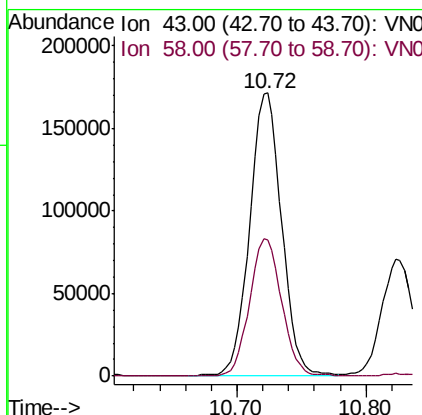
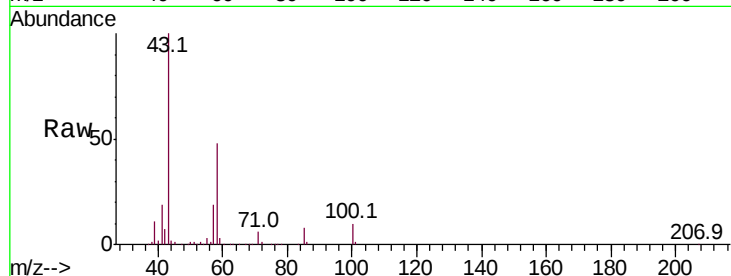




#59
2-Hexanone
Concen: 94.163 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

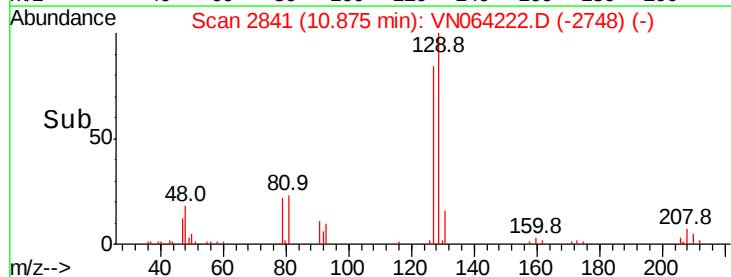
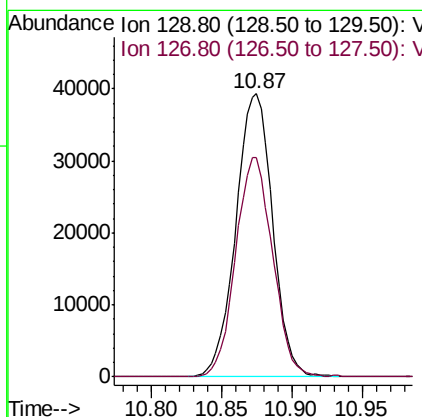
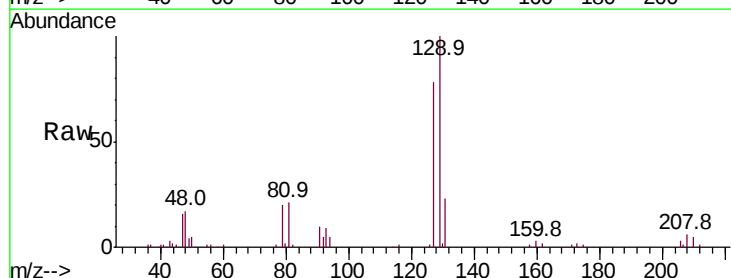
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

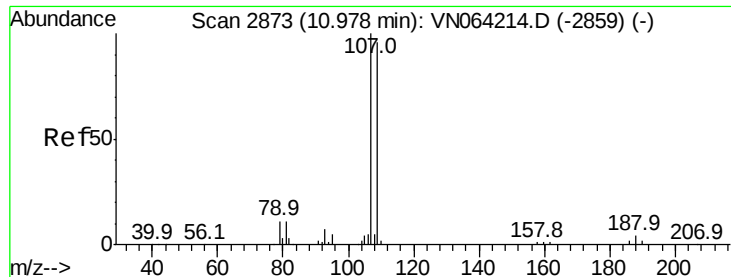
Tot Ion: 43 Resp: 293742
Ion Ratio Lower Upper
43 100
58 49.3 24.8 74.3



#60
Dibromochloromethane
Concen: 17.625 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 129 Resp: 71894
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.3





#61

1,2-Dibromoethane

Concen: 18.632 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

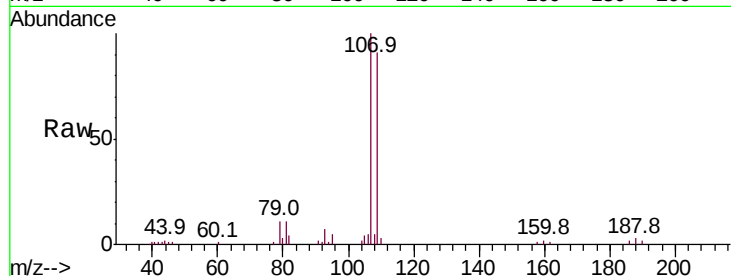
VN1021WBS01

Tot Ion:107 Resp: 61951

Ion Ratio Lower Upper

107 100

109 93.7 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.98

40000

30000

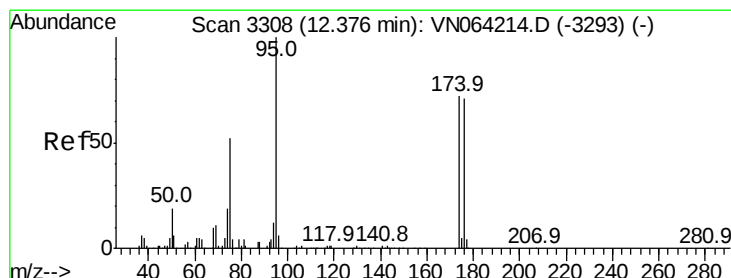
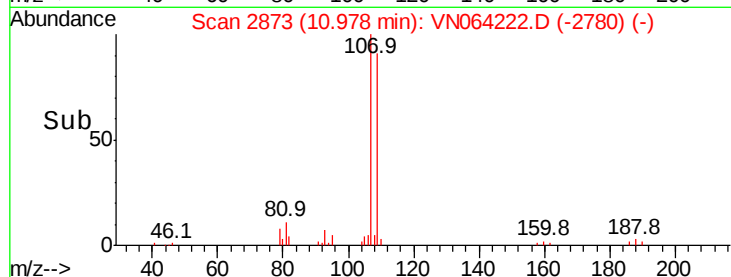
20000

10000

0

Time-->

10.90 10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 48.108 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

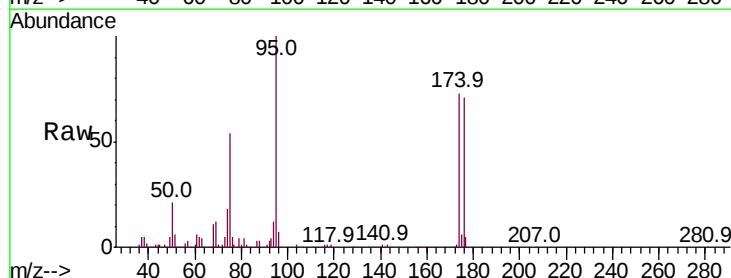
Tgt Ion: 95 Resp: 222844

Ion Ratio Lower Upper

95 100

174 72.5 0.0 144.4

176 70.5 0.0 139.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

150000

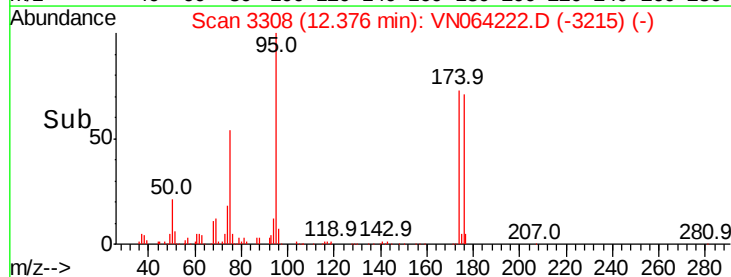
100000

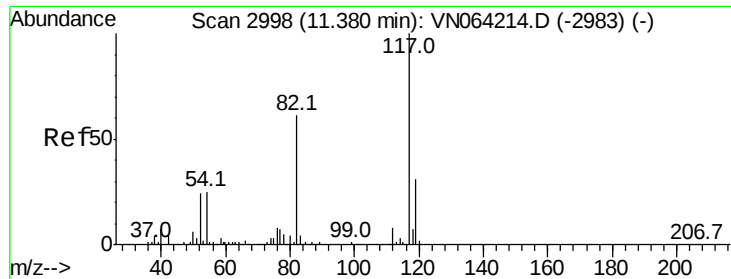
50000

0

Time-->

12.30 12.35 12.40 12.45

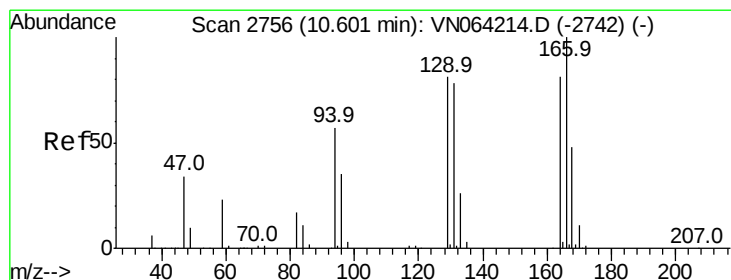
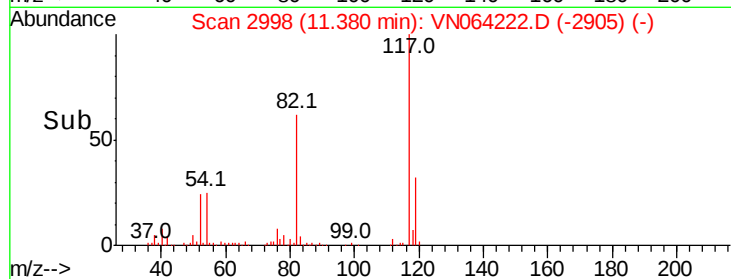
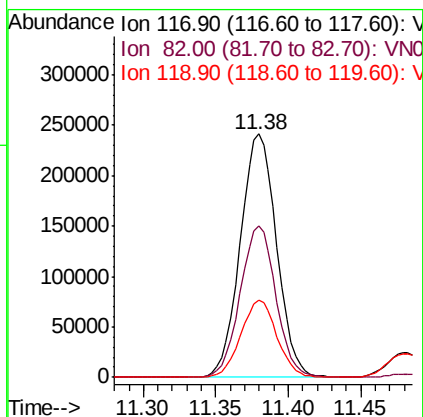
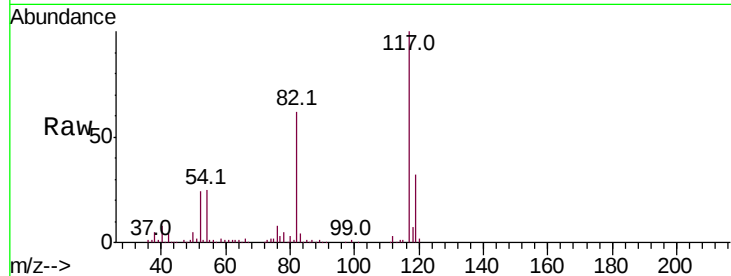




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

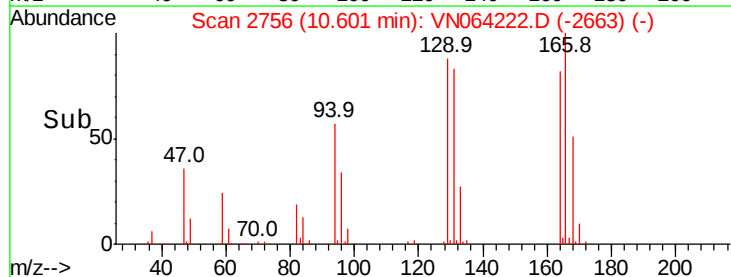
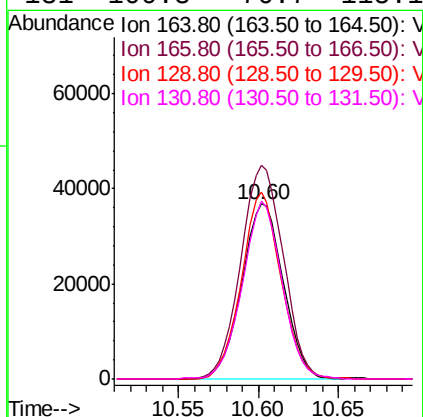
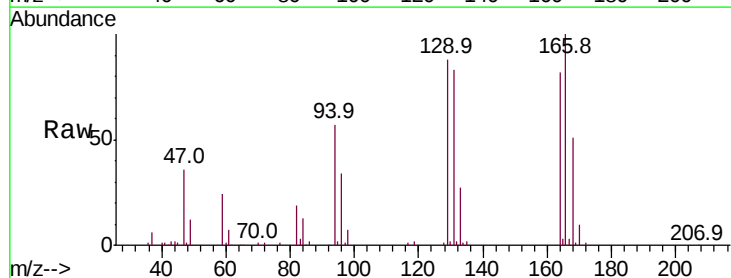
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

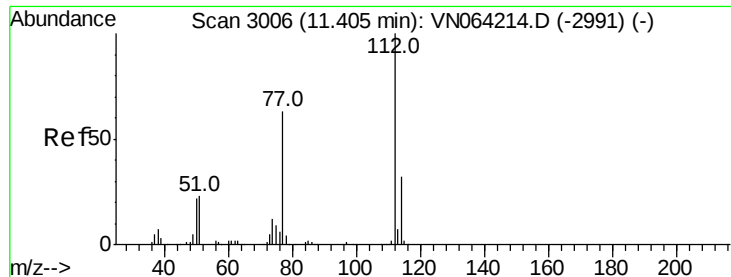
Tot Ion:117 Resp: 420714
Ion Ratio Lower Upper
117 100
82 62.1 48.8 73.2
119 31.8 24.7 37.1



#64
Tetrachloroethene
Concen: 19.239 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion:164 Resp: 65162
Ion Ratio Lower Upper
164 100
166 121.8 98.9 148.3
129 106.7 79.9 119.9
131 100.8 76.7 115.1

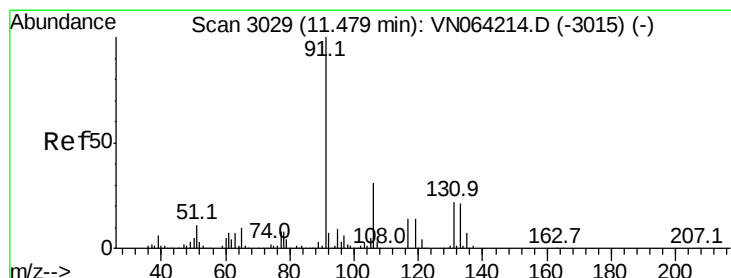
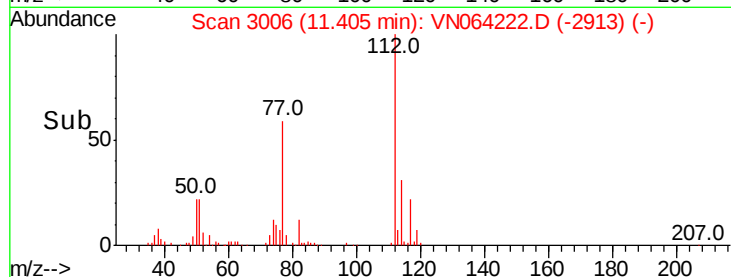
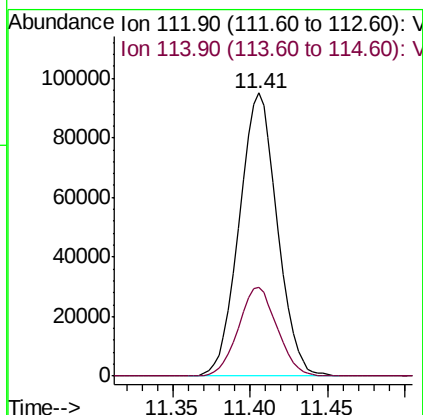
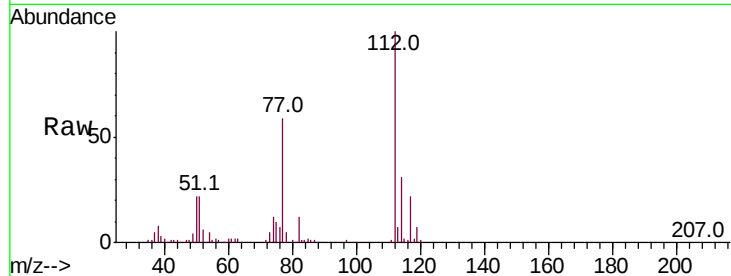




#65
Chlorobenzene
Concen: 18.661 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

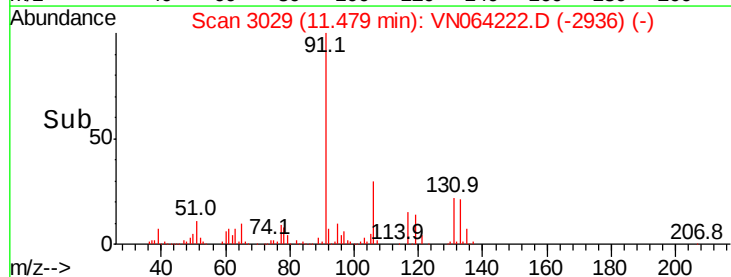
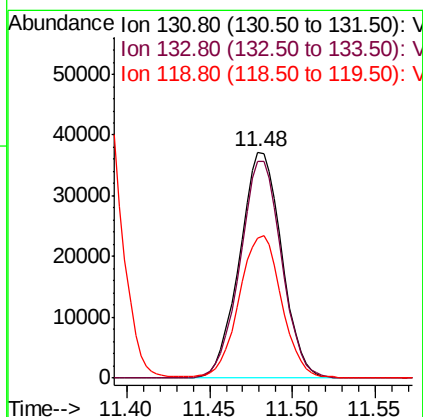
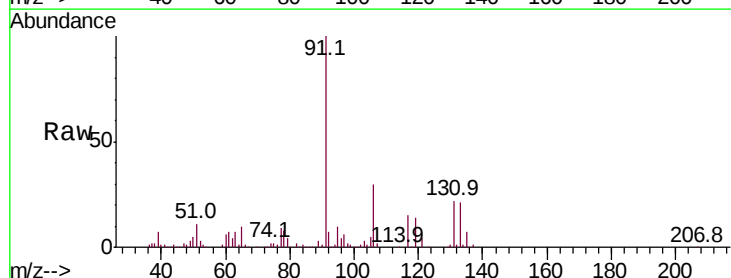
Instrument :
MSVOA_N
ClientSampled :
VN1021WBS01

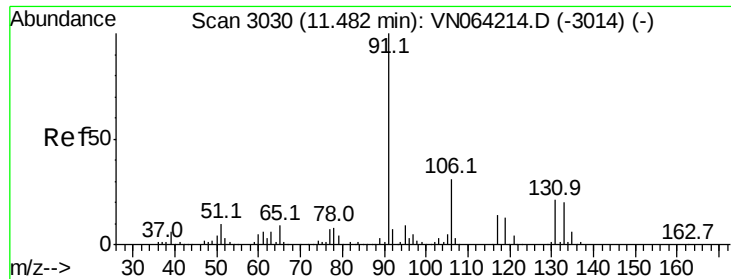
Tot Ion:112 Resp: 162513
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.892 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion:131 Resp: 65306
Ion Ratio Lower Upper
131 100
133 95.3 47.8 143.4
119 64.6 32.2 96.6

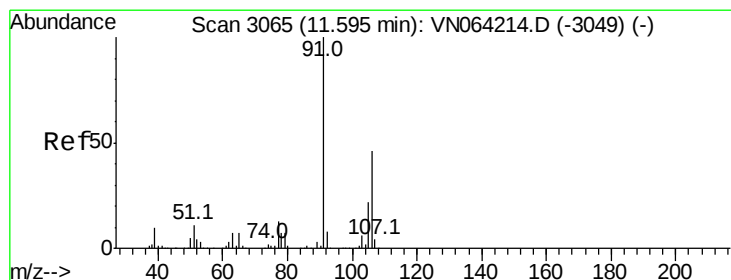
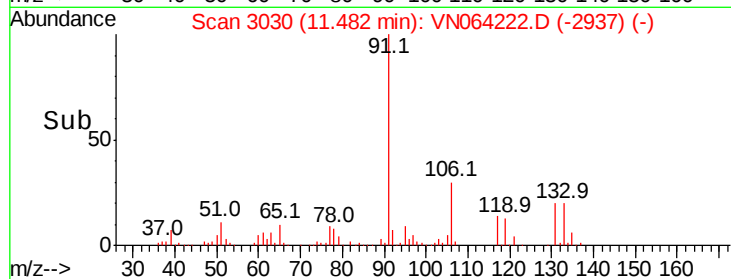
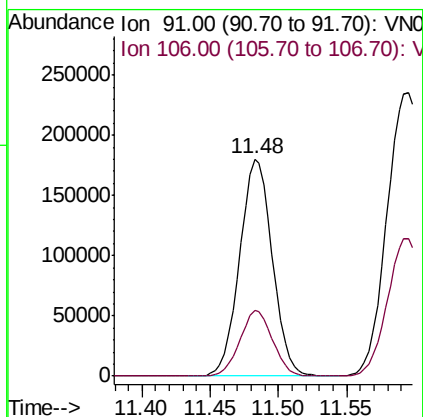
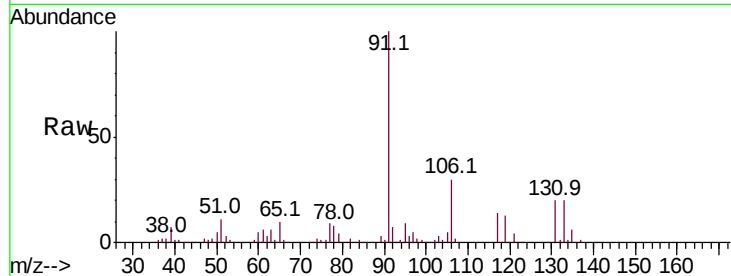




#67
Ethyl Benzene
Concen: 18.741 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

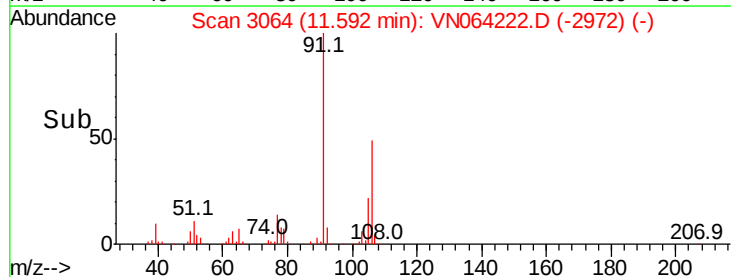
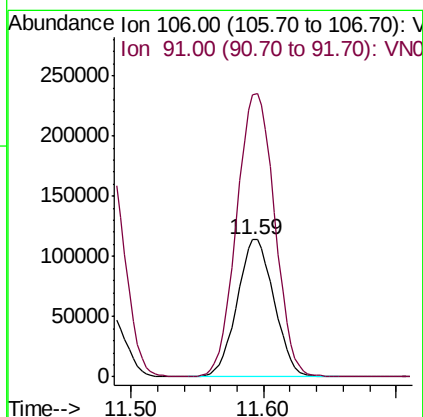
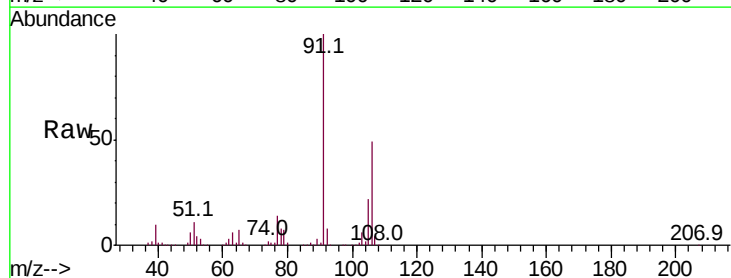
Instrument :
MSVOA_N
ClientSampled :
VN1021WBS01

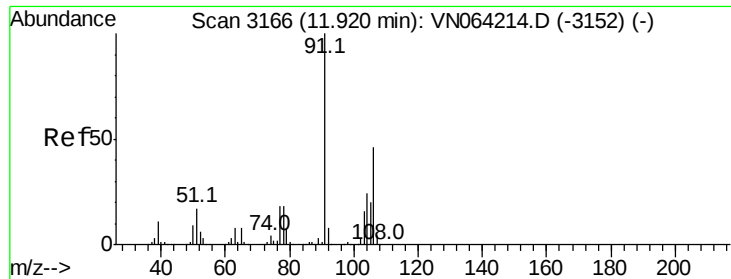
Tot Ion: 91 Resp: 299931
Ion Ratio Lower Upper
91 100
106 30.3 24.8 37.2



#68
m/p-Xylenes
Concen: 37.360 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 106 Resp: 221535
Ion Ratio Lower Upper
106 100
91 210.7 172.2 258.2

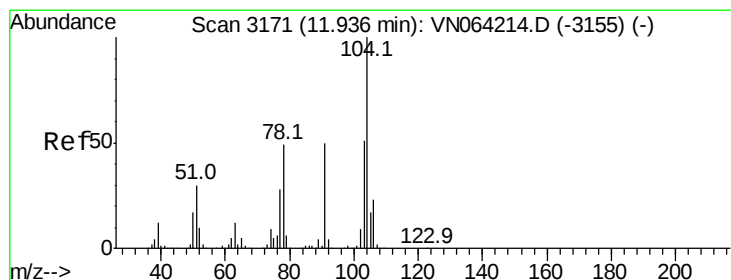
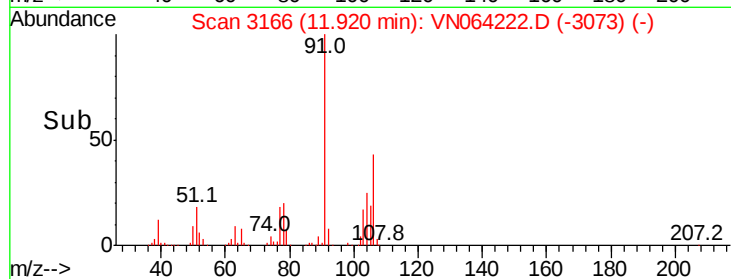
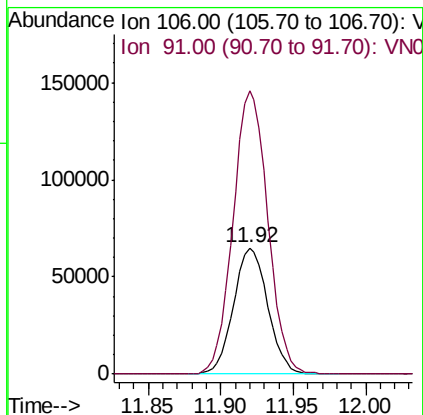
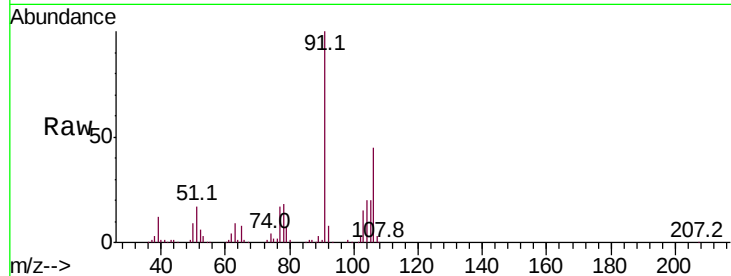




#69
o-Xylene
Concen: 18.576 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

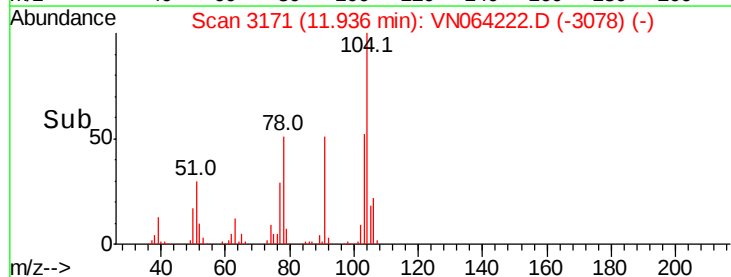
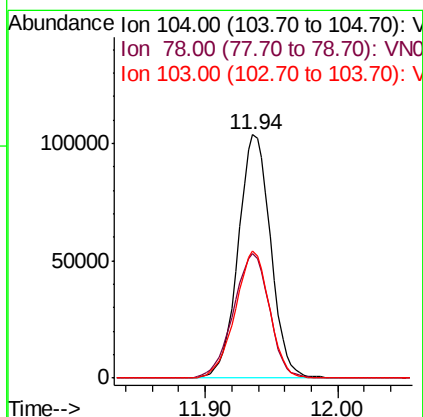
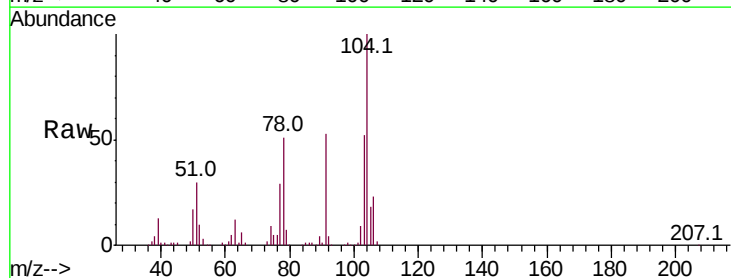
Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

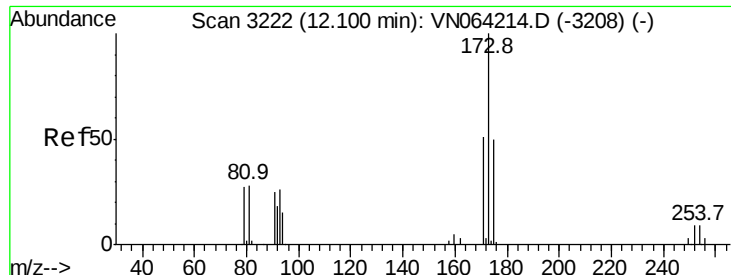
Tot Ion:106 Resp: 106529
Ion Ratio Lower Upper
106 100
91 227.4 109.9 329.6



#70
Styrene
Concen: 18.350 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion:104 Resp: 176399
Ion Ratio Lower Upper
104 100
78 56.6 43.8 65.6
103 55.0 43.4 65.2

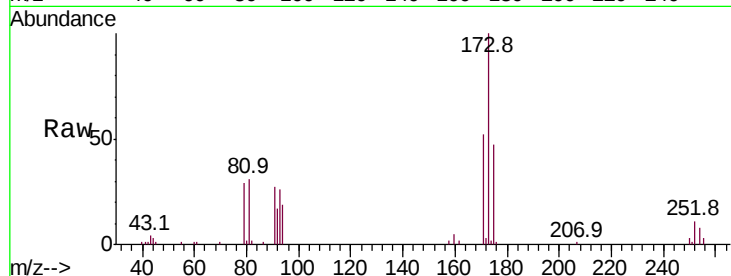




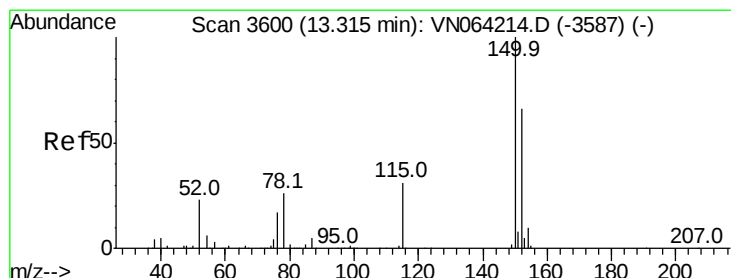
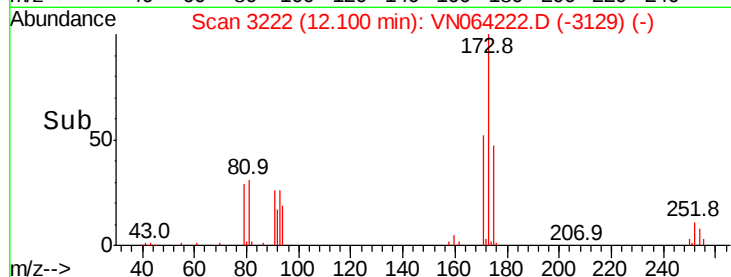
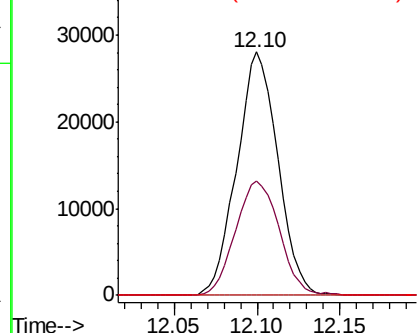
#71
Bromoform
Concen: 18.030 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion:173 Resp: 48145
Ion Ratio Lower Upper
173 100
175 50.3 25.1 75.3
254 0.0 0.0 0.0

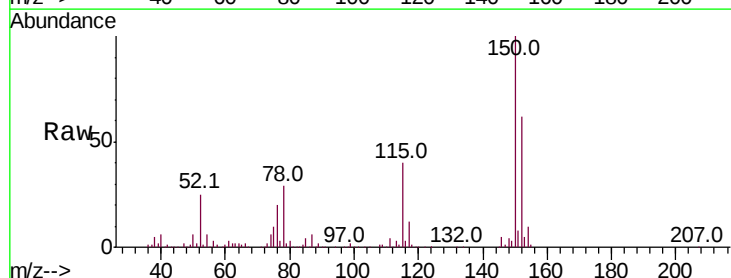


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

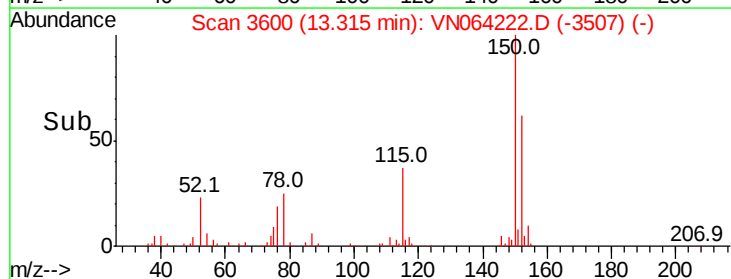
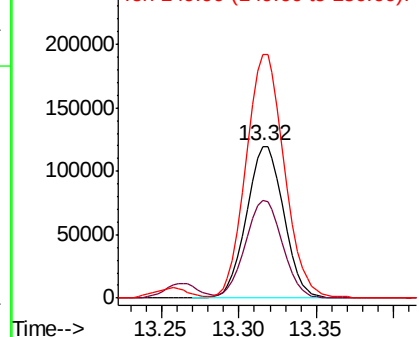


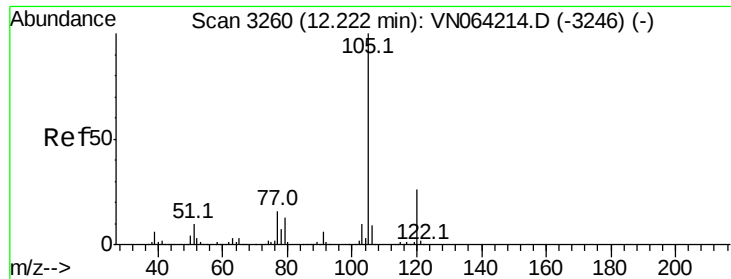
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion:152 Resp: 200469
Ion Ratio Lower Upper
152 100
115 64.0 32.0 96.2
150 164.9 0.0 356.6



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





#73

Isopropylbenzene

Concen: 18.465 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

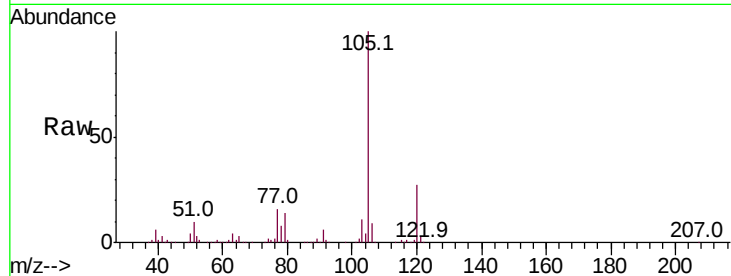
VN1021WBS01

Tot Ion:105 Resp: 282328

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

200000

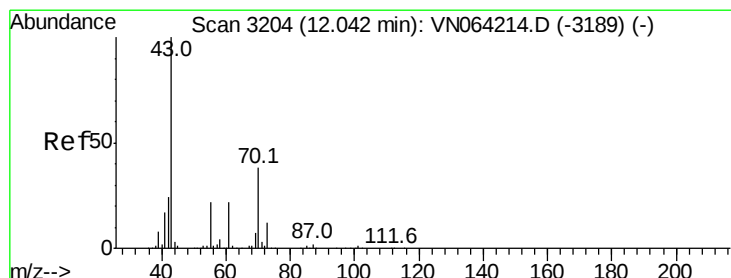
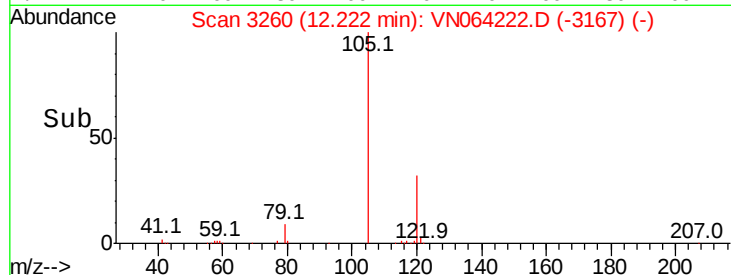
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.118 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Tgt Ion: 43 Resp: 126307

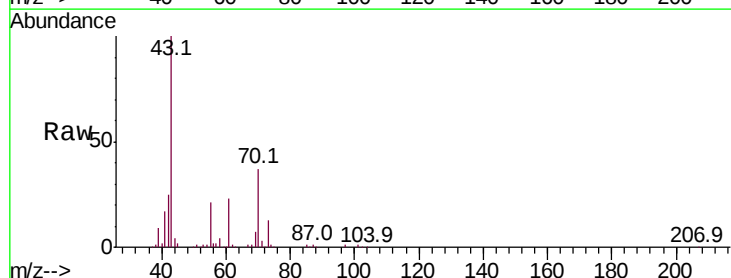
Ion Ratio Lower Upper

43 100

70 37.2 30.2 45.4

55 21.9 18.0 27.0

61 22.1 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

120000

100000

80000

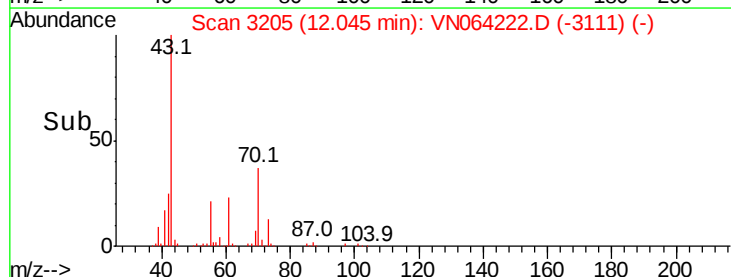
60000

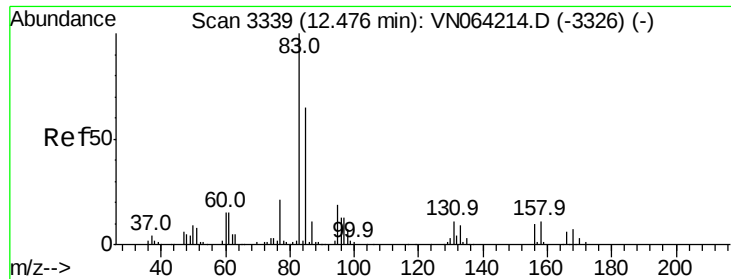
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.319 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

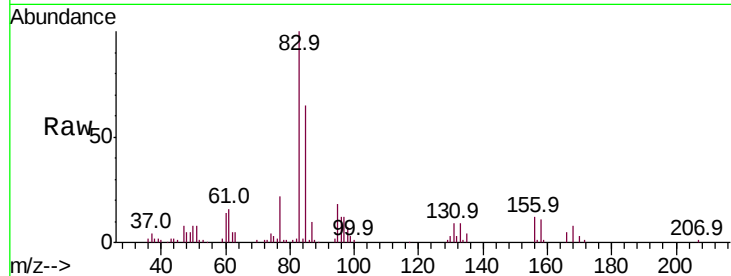
Tot Ion: 83 Resp: 78386

Ion Ratio Lower Upper

83 100

131 9.7 5.5 16.7

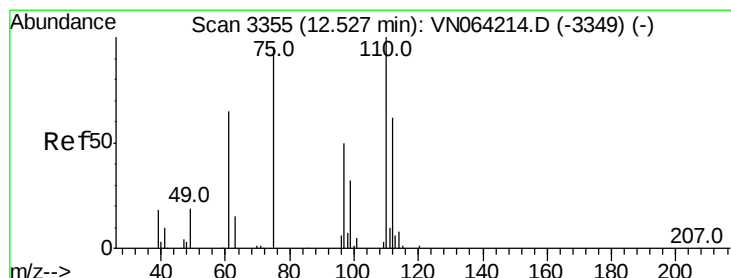
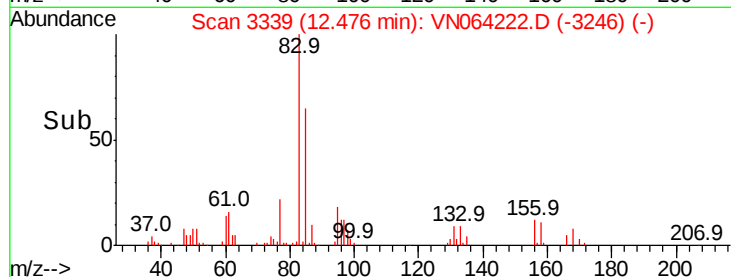
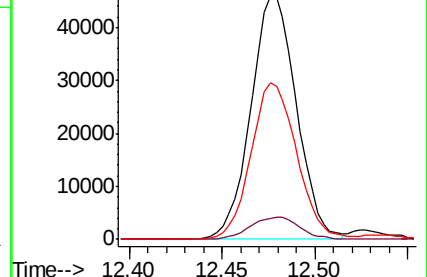
85 64.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN064214.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN064214.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064214.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 27.730 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064222.D

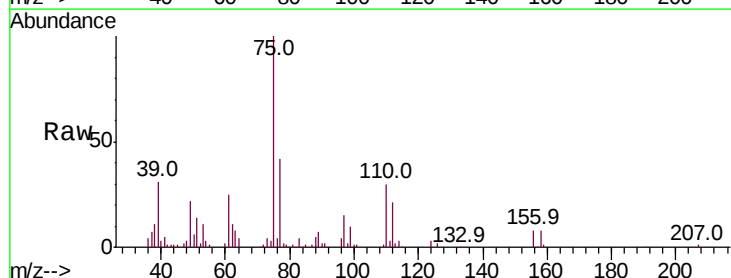
Acq: 21 Oct 2020 15:29

Tgt Ion: 75 Resp: 117195

Ion Ratio Lower Upper

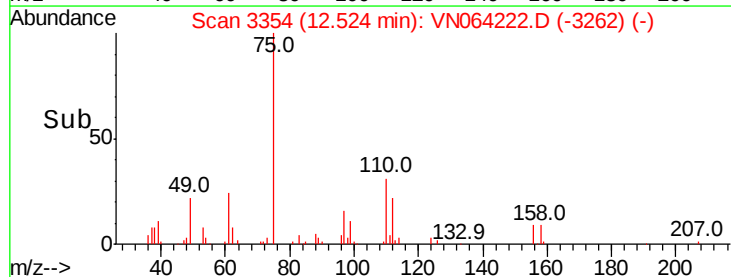
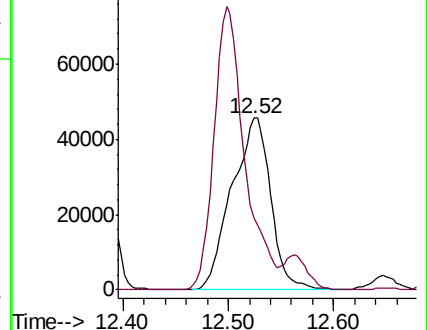
75 100

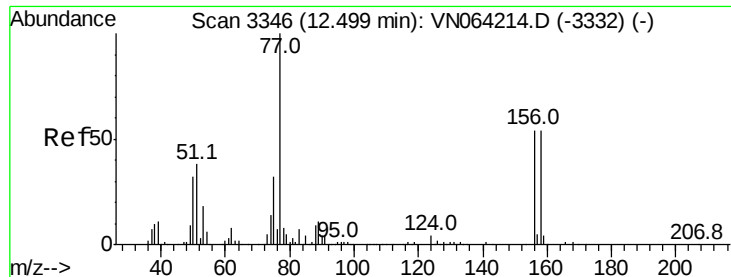
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064214.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064214.D (-3349) (-)





#77

Bromobenzene

Concen: 19.380 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

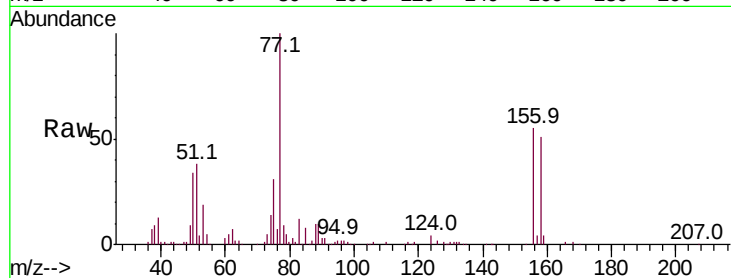
Tot Ion:156 Resp: 69953

Ion Ratio Lower Upper

156 100

77 217.4 111.1 333.4

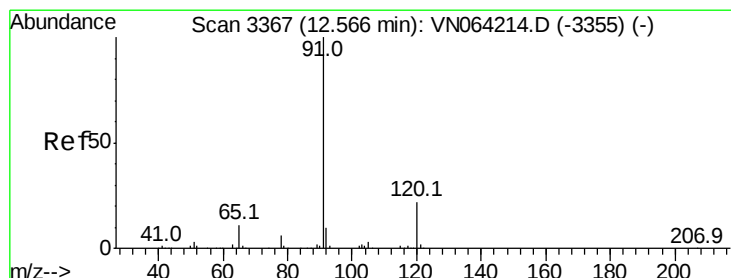
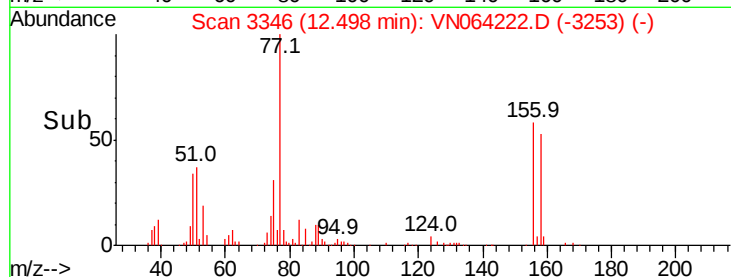
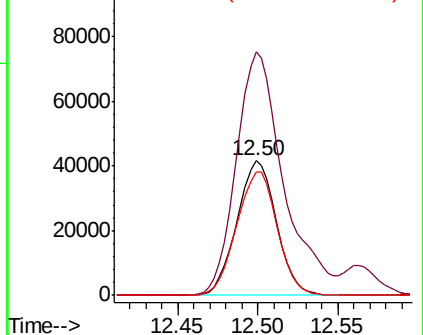
158 94.4 50.0 150.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.466 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064222.D

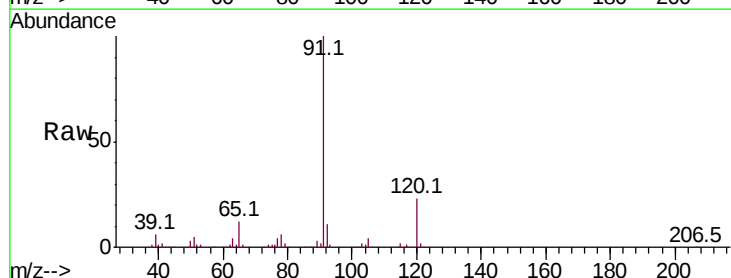
Acq: 21 Oct 2020 15:29

Tgt Ion: 91 Resp: 318332

Ion Ratio Lower Upper

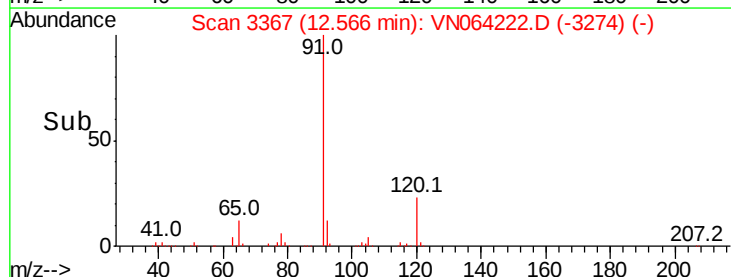
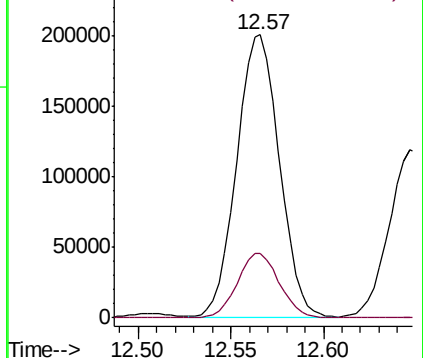
91 100

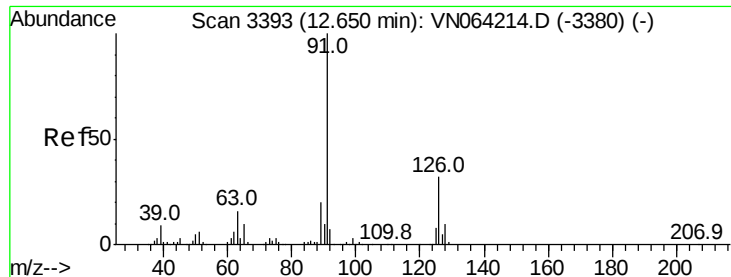
120 22.6 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.851 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

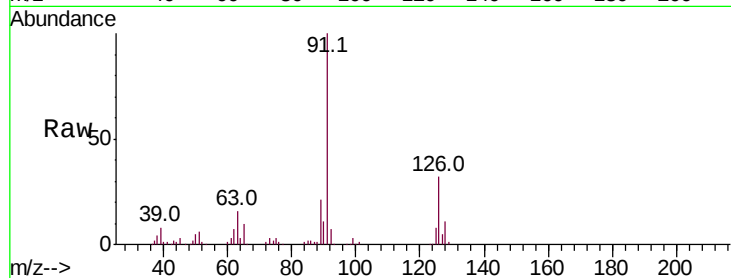
VN1021WBS01

Tot Ion: 91 Resp: 199604

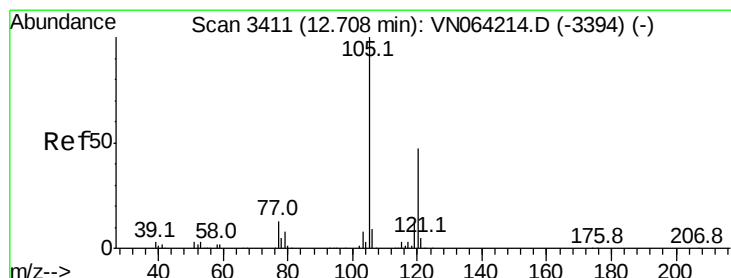
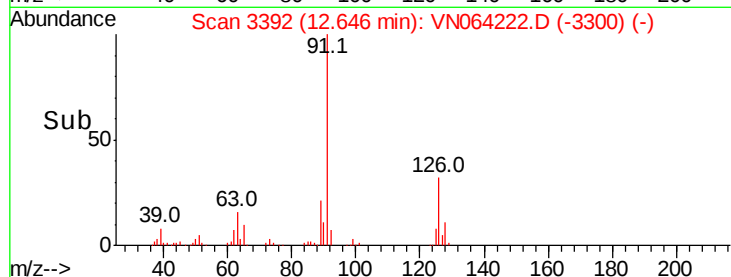
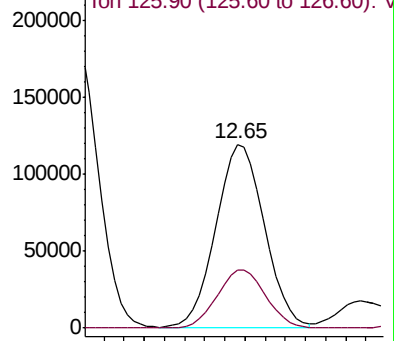
Ion Ratio Lower Upper

91 100

126 32.1 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN064214.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.041 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064222.D

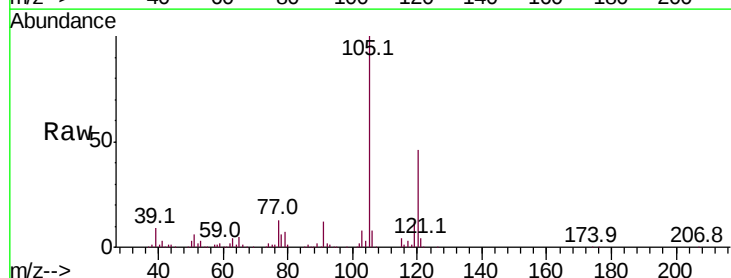
Acq: 21 Oct 2020 15:29

Tgt Ion:105 Resp: 246124

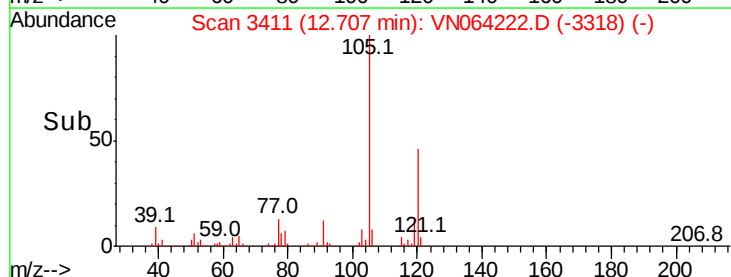
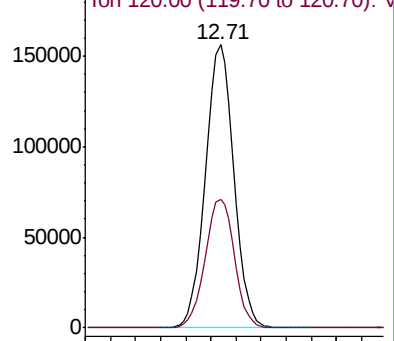
Ion Ratio Lower Upper

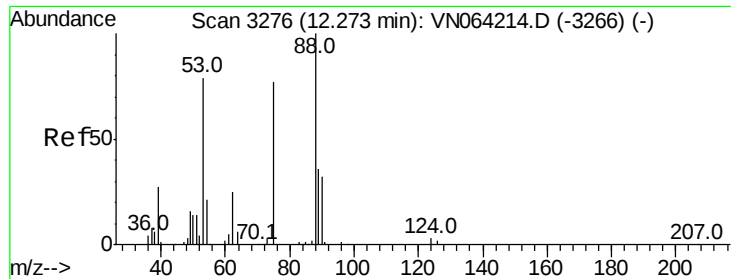
105 100

120 46.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN064214.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.698 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampled :

VN1021WBS01

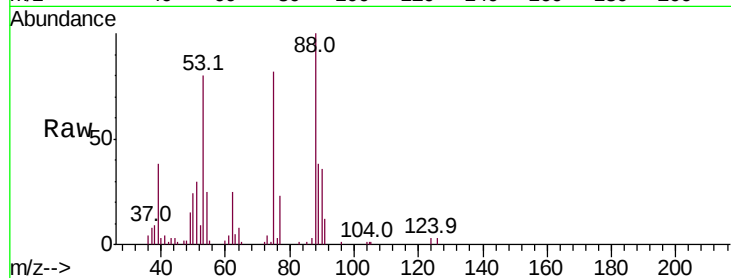
Tot Ion: 75 Resp: 31300

Ion Ratio Lower Upper

75 100

53 106.6 81.0 121.4

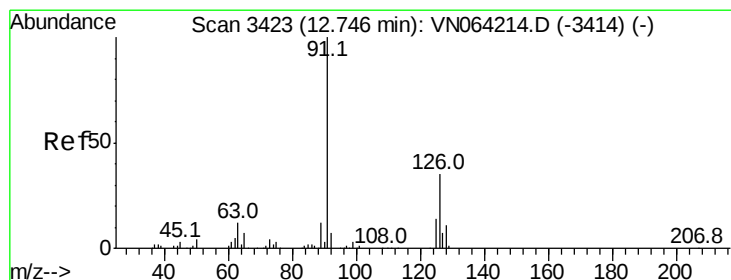
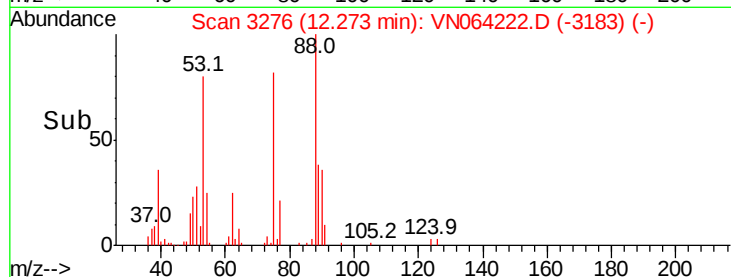
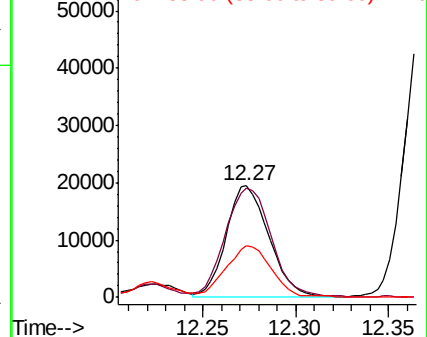
89 49.2 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 18.581 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064222.D

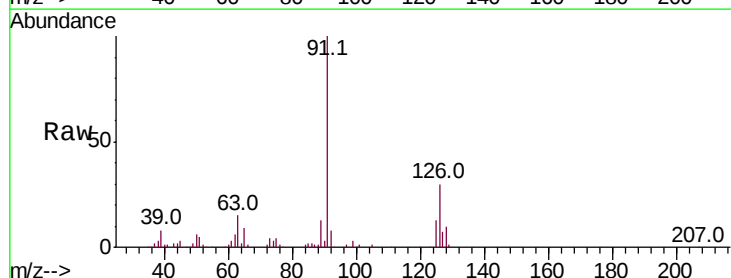
Acq: 21 Oct 2020 15:29

Tgt Ion: 91 Resp: 205229

Ion Ratio Lower Upper

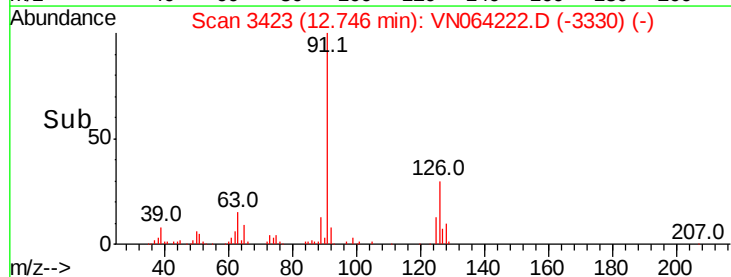
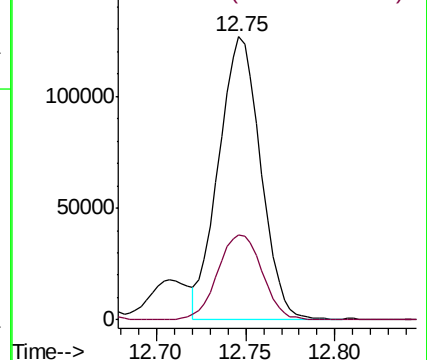
91 100

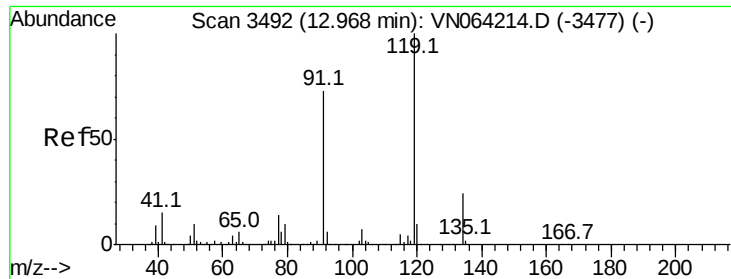
126 32.1 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): V

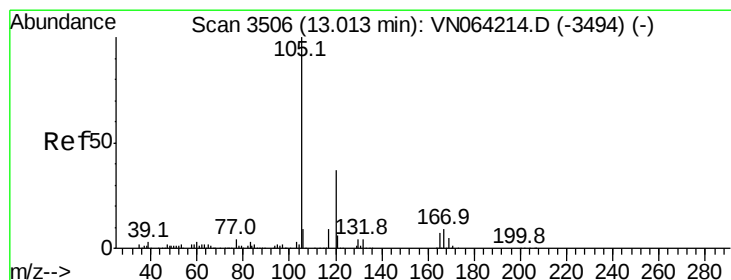
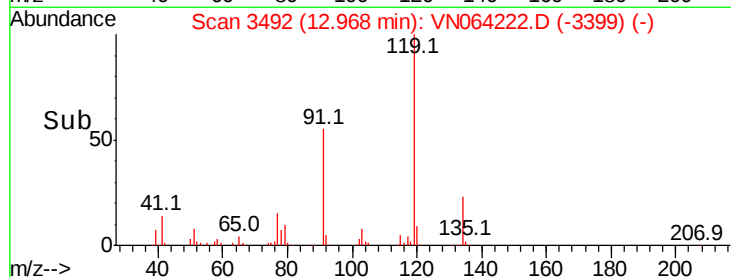
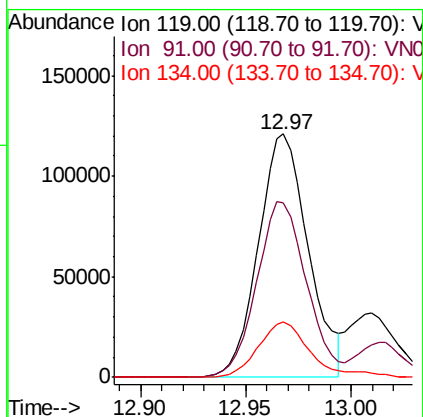
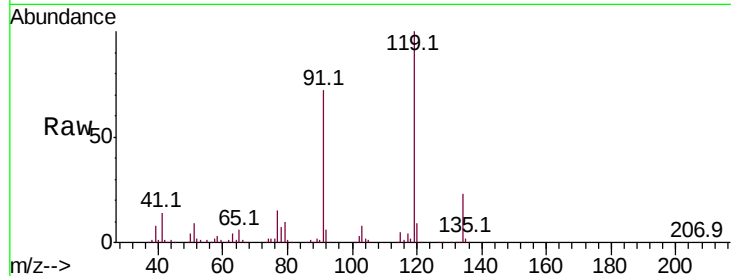




#83
 tert-Butylbenzene
 Concen: 18.779 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

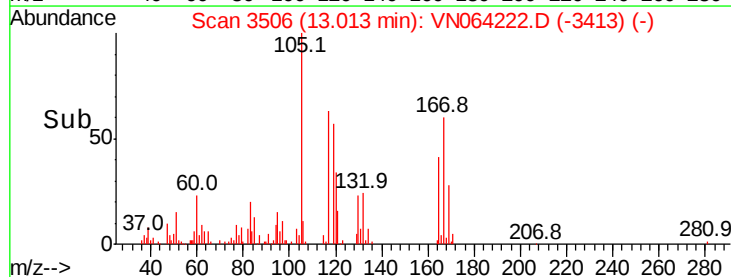
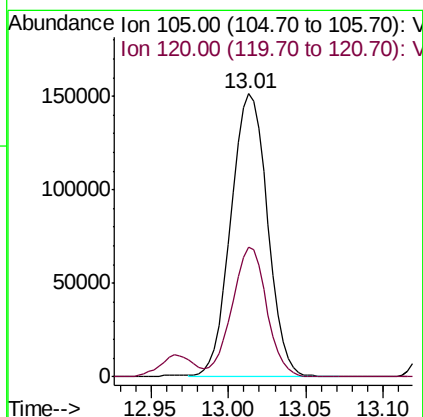
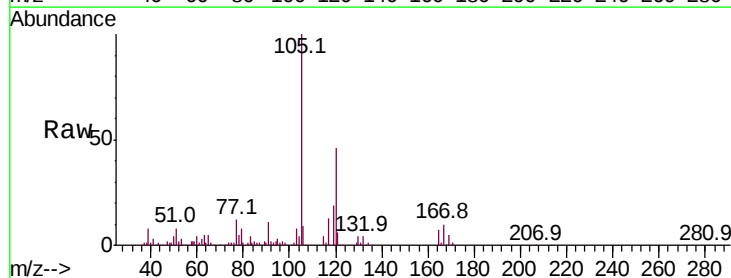
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1021WBS01

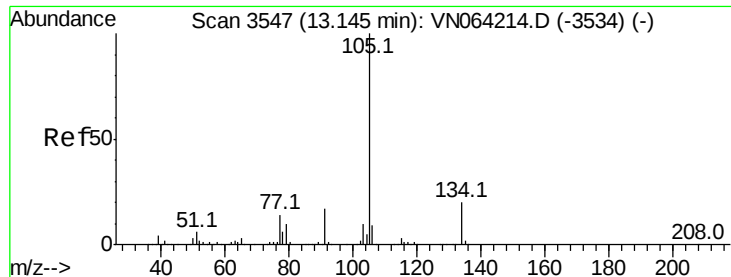
Tot Ion:119 Resp: 199015
 Ion Ratio Lower Upper
 119 100
 91 72.4 35.1 105.3
 134 23.9 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.300 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion:105 Resp: 248306
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.5 64.5





#85

sec-Butylbenzene

Concen: 18.562 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

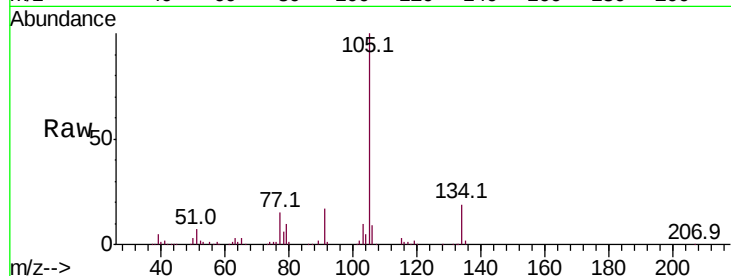
VN1021WBS01

Tot Ion:105 Resp: 248000

Ion Ratio Lower Upper

105 100

134 19.4 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

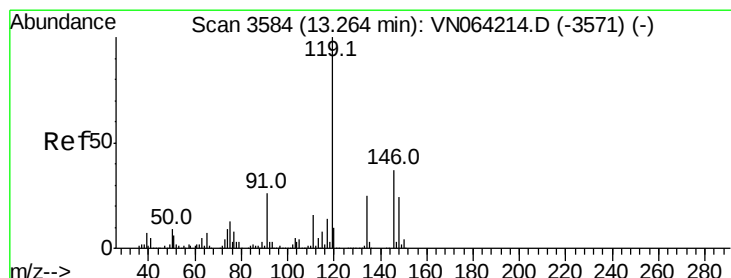
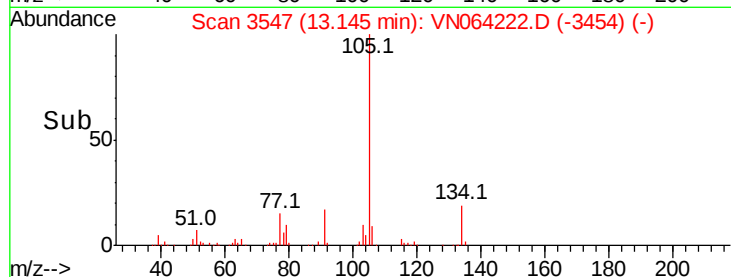
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.935 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

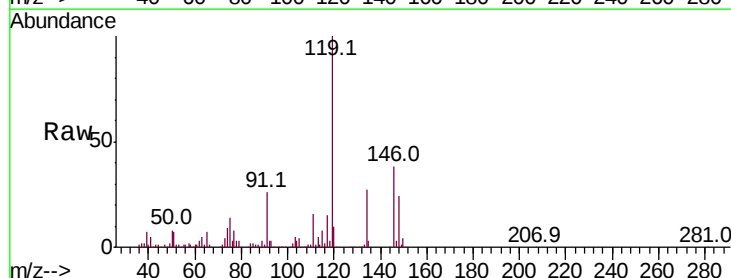
Tgt Ion:119 Resp: 230374

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 26.4 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

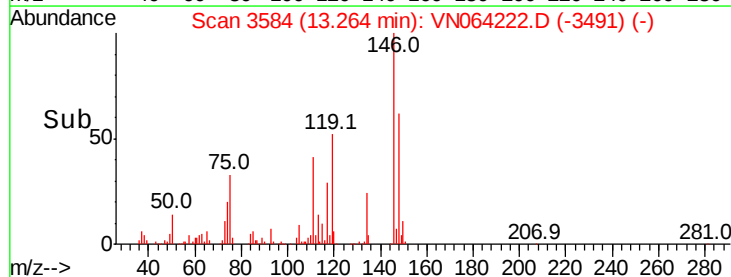
150000

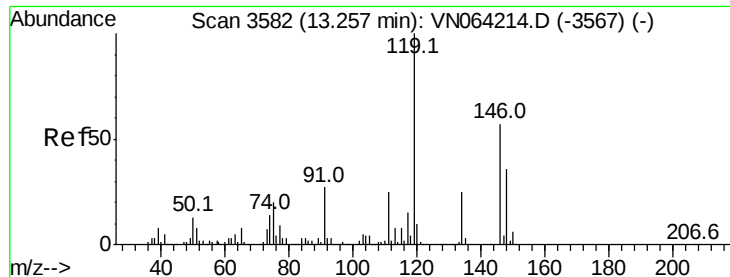
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.461 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

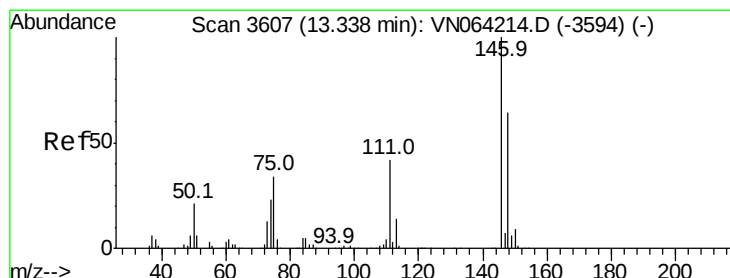
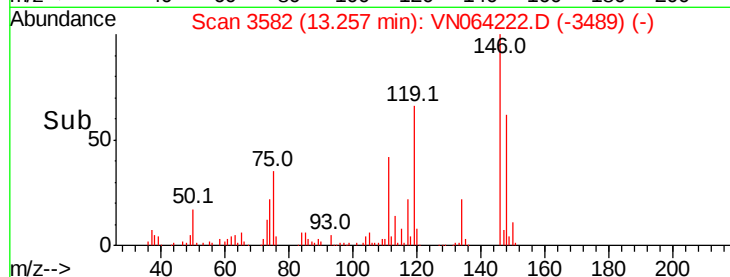
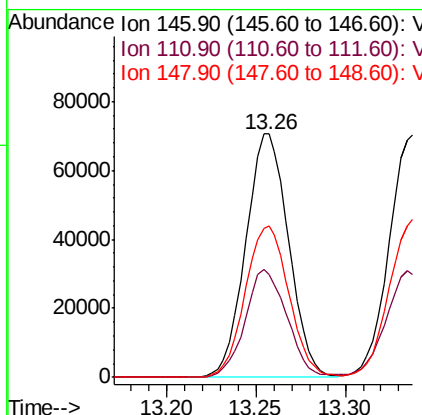
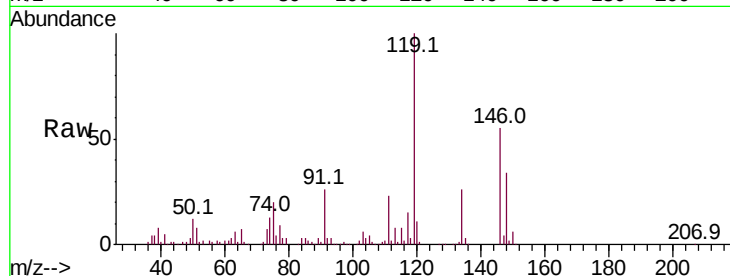
Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VN1021WBS01

Tot Ion:146 Resp: 118569

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.6	65.0
148	63.6	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 17.833 ug/l

RT: 13.34 min Scan# 3607

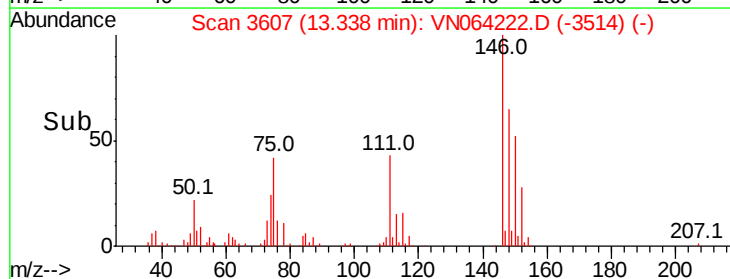
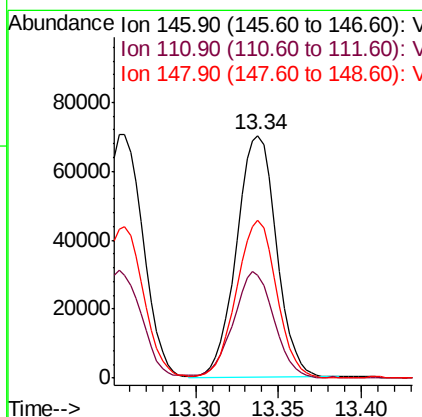
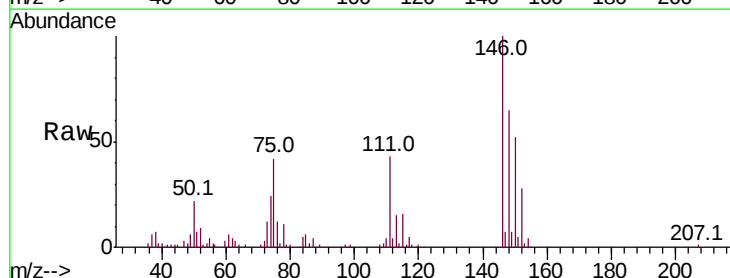
Delta R.T. -0.00 min

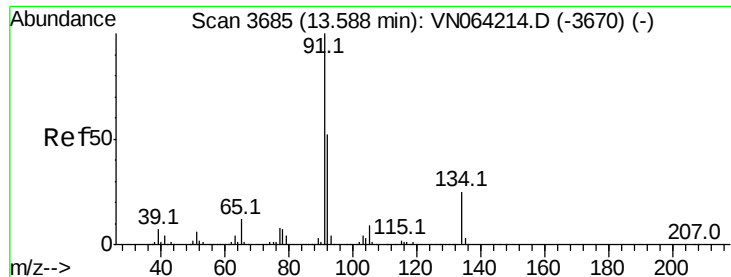
Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Tgt Ion:146 Resp: 117235

Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.5	64.5
148	65.5	32.0	96.0

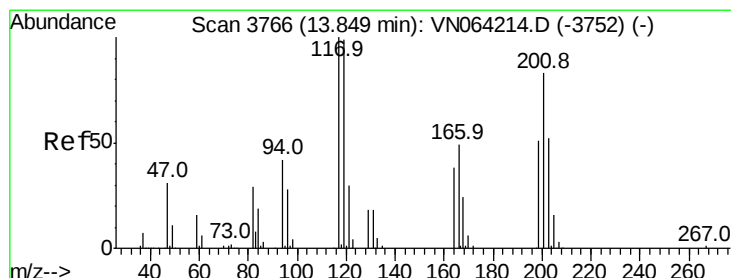
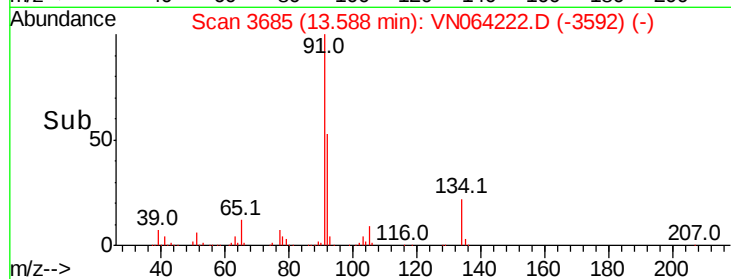
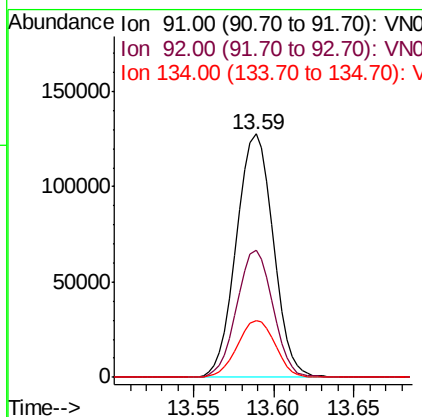
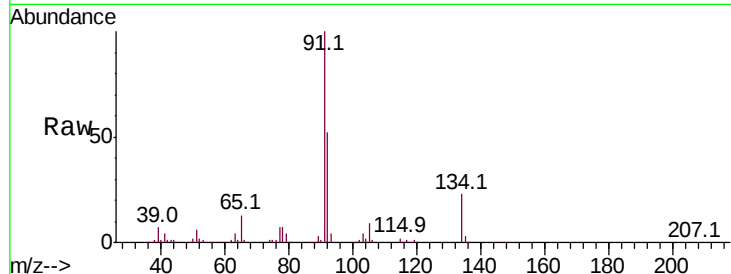




#89
n-Butylbenzene
Concen: 18.427 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

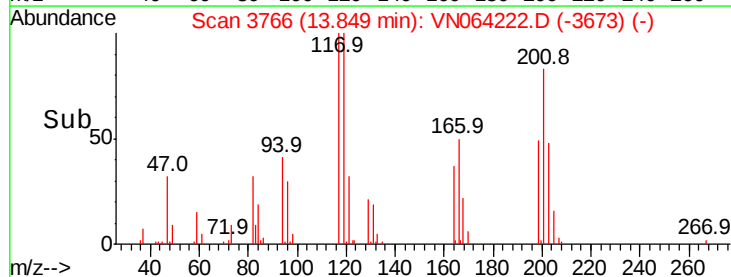
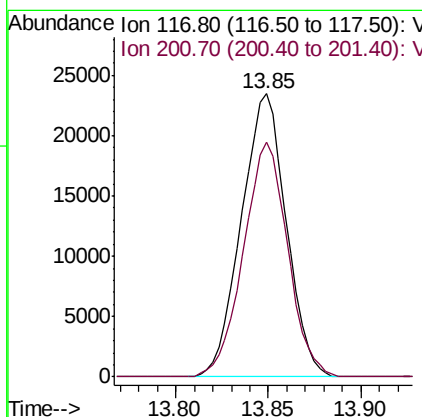
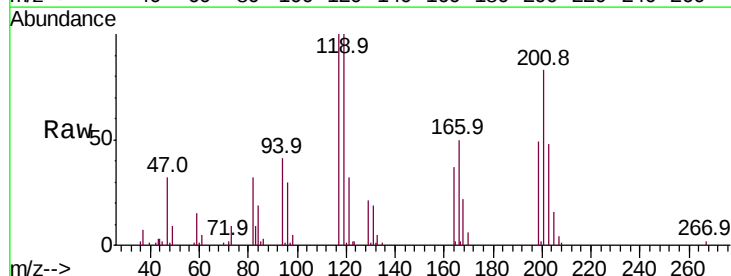
Instrument :
MSVOA_N
ClientSampled :
VN1021WBS01

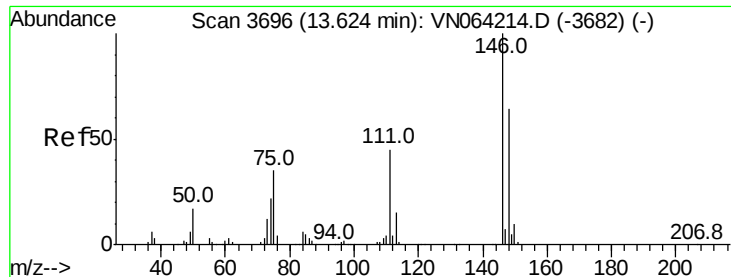
Tot Ion: 91 Resp: 200962
Ion Ratio Lower Upper
91 100
92 51.3 25.7 77.0
134 23.9 12.3 36.8



#90
Hexachloroethane
Concen: 17.871 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064222.D
Acq: 21 Oct 2020 15:29

Tgt Ion: 117 Resp: 39377
Ion Ratio Lower Upper
117 100
201 81.8 40.1 120.3





#91

1,2-Dichlorobenzene

Concen: 18.510 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

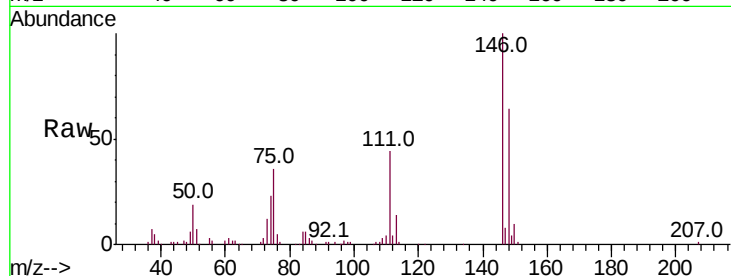
Tot Ion:146 Resp: 116626

Ion Ratio Lower Upper

146 100

111 45.8 22.9 68.7

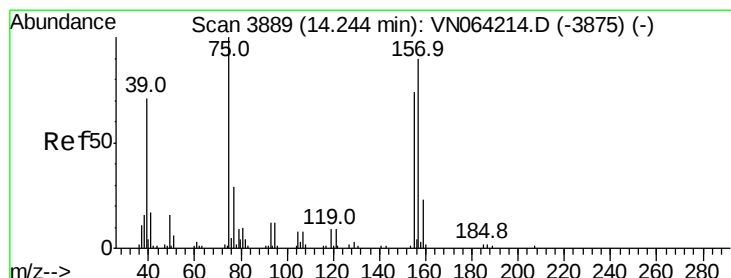
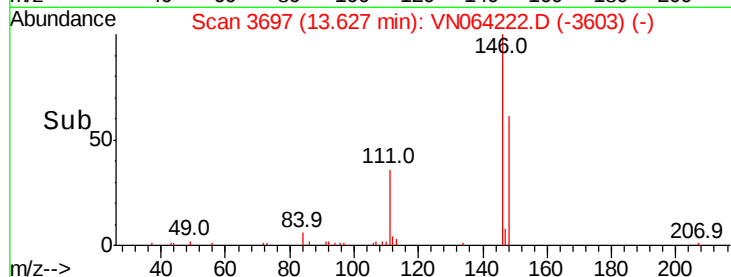
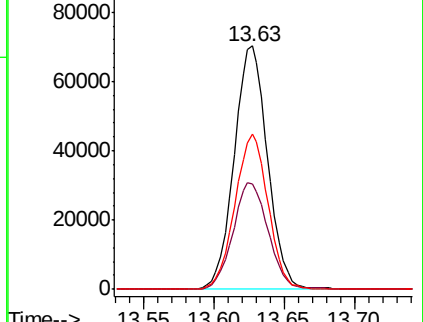
148 63.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.231 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

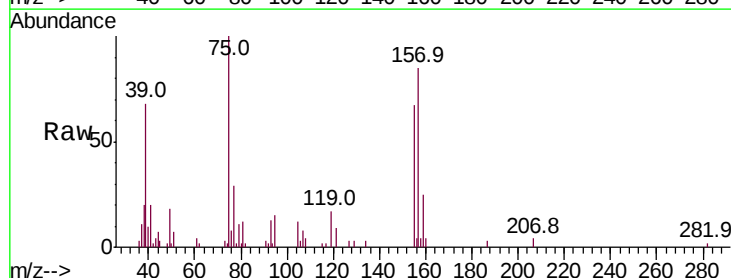
Tgt Ion: 75 Resp: 19466

Ion Ratio Lower Upper

75 100

155 68.4 36.9 110.7

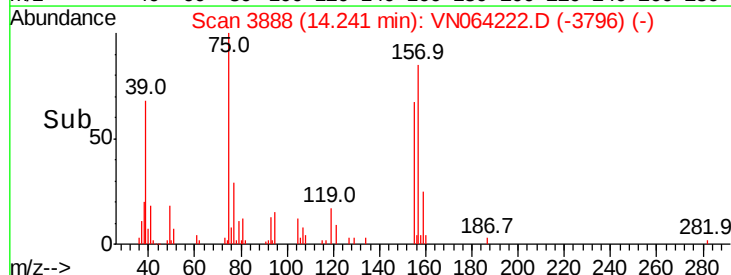
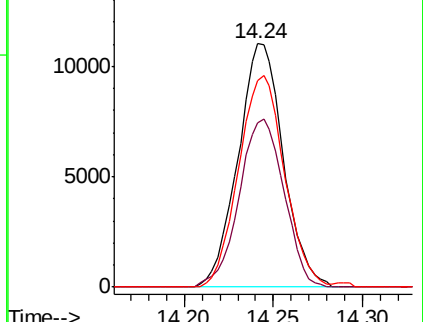
157 88.3 44.6 133.8

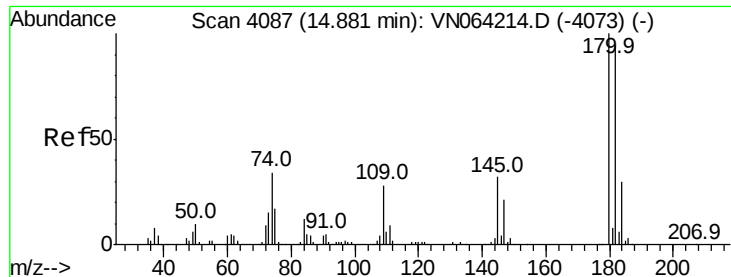


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

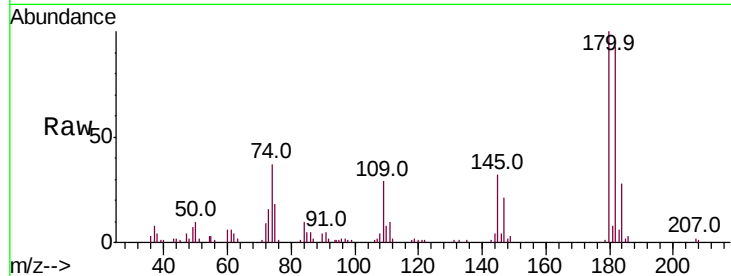




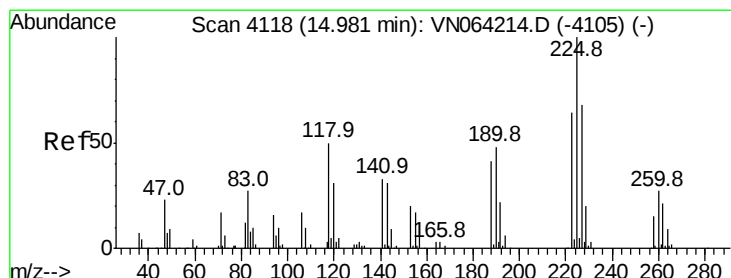
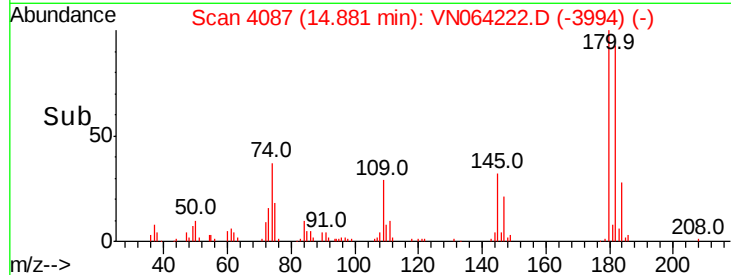
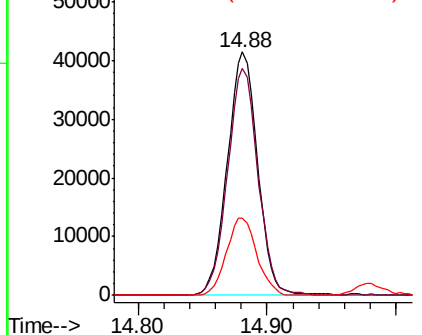
#93
 1,2,4-Trichlorobenzene
 Concen: 19.077 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampled :
 VN1021WBS01

Tot Ion:180 Resp: 67416
 Ion Ratio Lower Upper
 180 100
 182 93.5 46.9 140.7
 145 31.7 16.1 48.3

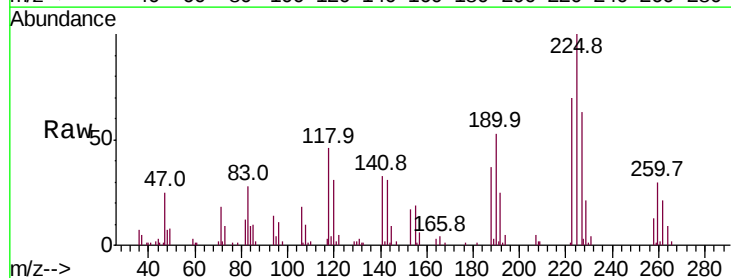


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

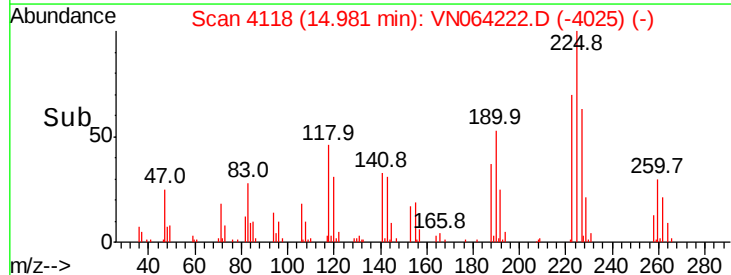
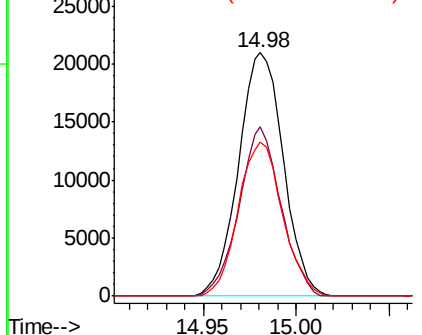


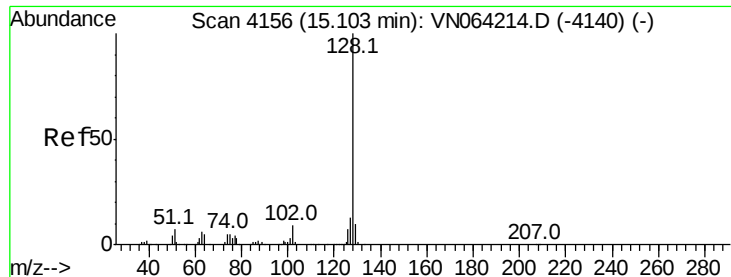
#94
 Hexachlorobutadiene
 Concen: 18.496 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064222.D
 Acq: 21 Oct 2020 15:29

Tgt Ion:225 Resp: 35253
 Ion Ratio Lower Upper
 225 100
 223 64.8 31.5 94.5
 227 62.4 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.342 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VN1021WBS01

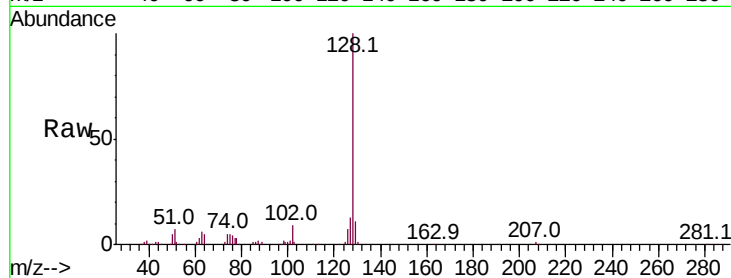
Tot Ion:128 Resp: 204699

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.7 8.6 12.8

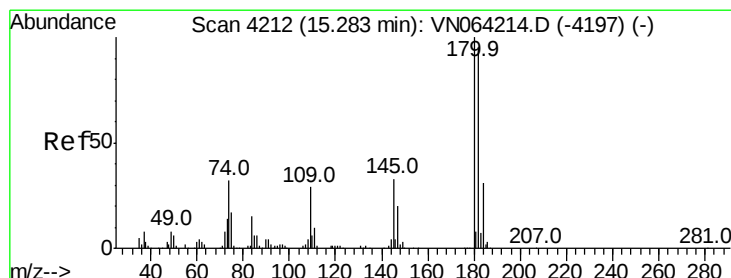
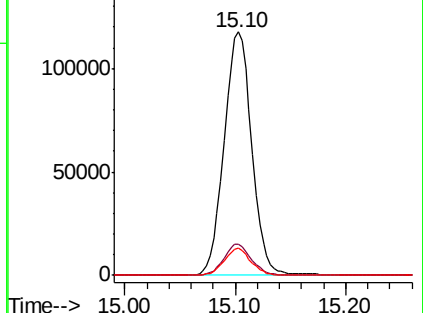
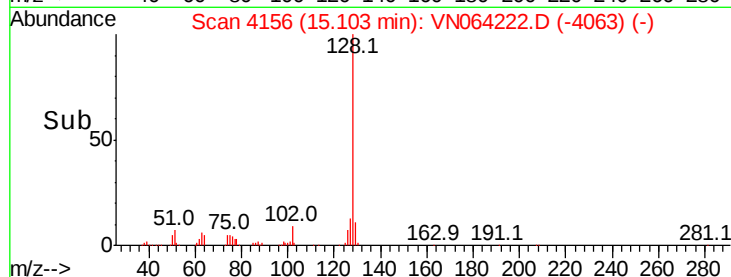


Abundance

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: 18.461 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064222.D

Acq: 21 Oct 2020 15:29

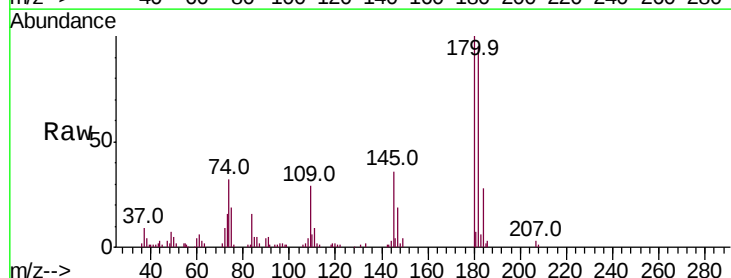
Tgt Ion:180 Resp: 64614

Ion Ratio Lower Upper

180 100

182 94.1 48.0 144.2

145 34.6 17.1 51.3



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

