

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064323.D
 Acq On : 27 Oct 2020 13:22
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

Quant Time: Oct 28 04:26:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	267955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	428275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	389945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	193683	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.98	65	186419	43.29	ug/l	0.00
Spiked Amount			Recovery	=	86.58%	
35) Dibromofluoromethane	7.55	113	130483	45.69	ug/l	0.00
Spiked Amount			Recovery	=	91.38%	
50) Toluene-d8	10.06	98	481472	45.58	ug/l	0.00
Spiked Amount			Recovery	=	91.16%	
62) 4-Bromofluorobenzene	12.37	95	181691	44.11	ug/l	0.00
Spiked Amount			Recovery	=	88.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	159995	51.944	ug/l	98
3) Chloromethane	2.04	50	163129	48.993	ug/l	98
4) Vinyl Chloride	2.16	62	164687	51.136	ug/l	99
5) Bromomethane	2.53	94	107521	51.667	ug/l	98
6) Chloroethane	2.67	64	97083	50.448	ug/l	99
7) Trichlorofluoromethane	2.98	101	287971	53.374	ug/l	98
8) Diethyl Ether	3.37	74	86999	50.973	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	144986	53.466	ug/l	96
10) Methyl Iodide	3.91	142	188210	52.011	ug/l	99
11) Tert butyl alcohol	4.72	59	145823	233.285	ug/l	98
12) 1,1-Dichloroethene	3.69	96	131546	51.385	ug/l	97
13) Acrolein	3.56	56	29103	217.055	ug/l	95
14) Allyl chloride	4.27	41	269293	51.517	ug/l	97
15) Acrylonitrile	4.92	53	345654	257.139	ug/l	99
16) Acetone	3.77	43	378638	258.163	ug/l	98
17) Carbon Disulfide	4.01	76	390785	51.594	ug/l	98
18) Methyl Acetate	4.27	43	154513	47.768	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	510054	51.856	ug/l	94
20) Methylene Chloride	4.50	84	153110	50.137	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	147025	51.483	ug/l	96
22) Diisopropyl ether	5.90	45	534476	52.311	ug/l	95
23) Vinyl Acetate	5.84	43	2317623	268.120	ug/l	99
24) 1,1-Dichloroethane	5.80	63	290485	50.809	ug/l	99
25) 2-Butanone	6.78	43	543305	251.291	ug/l	97
26) 2,2-Dichloropropane	6.77	77	289239	51.692	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	170143	52.059	ug/l	98
28) Bromochloromethane	7.15	49	135472	49.734	ug/l	96
29) Tetrahydrofuran	7.16	42	331843	236.425	ug/l	98
30) Chloroform	7.33	83	307361	50.366	ug/l	96
31) Cyclohexane	7.61	56	253841	50.793	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	290738	49.614	ug/l	98
36) 1,1-Dichloropropene	7.75	75	230982	53.440	ug/l	99
37) Ethyl Acetate	6.88	43	222212	50.897	ug/l	98
38) Carbon Tetrachloride	7.73	117	267593	53.401	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064323.D
 Acq On : 27 Oct 2020 13:22
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

Quant Time: Oct 28 04:26:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	237963	55.524	ug/l	96
40) Benzene	8.00	78	628075	52.204	ug/l	99
41) Methacrylonitrile	7.12	41	90074	41.561	ug/l #	84
42) 1,2-Dichloroethane	8.08	62	271051	52.154	ug/l	100
43) Isopropyl Acetate	8.12	43	386204	51.748	ug/l #	91
44) Trichloroethene	8.80	130	174546	55.381	ug/l	98
45) 1,2-Dichloropropane	9.08	63	165588	51.397	ug/l	99
46) Dibromomethane	9.17	93	119965	53.226	ug/l	100
47) Bromodichloromethane	9.37	83	251738	50.398	ug/l	100
48) Methyl methacrylate	9.16	41	192267	49.932	ug/l	98
49) 1,4-Dioxane	9.16	88	57129	1006.596	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	1098874	253.299	ug/l	99
52) Toluene	10.12	92	400924	52.809	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	285787	54.111	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	296603	54.556	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	154900	51.689	ug/l	98
56) Ethyl methacrylate	10.40	69	244005	53.788	ug/l	97
57) 1,3-Dichloropropane	10.68	76	271524	53.115	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	551137	222.637	ug/l	98
59) 2-Hexanone	10.72	43	825185	258.264	ug/l	99
60) Dibromochloromethane	10.87	129	193891	54.721	ug/l	99
61) 1,2-Dibromoethane	10.98	107	164806	53.972	ug/l	99
64) Tetrachloroethene	10.60	164	167096	52.137	ug/l	97
65) Chlorobenzene	11.41	112	435487	55.086	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	172880	54.105	ug/l	96
67) Ethyl Benzene	11.48	91	809023	55.045	ug/l	98
68) m/p-Xylenes	11.59	106	596885	109.586	ug/l	100
69) o-Xylene	11.92	106	285152	54.341	ug/l	99
70) Styrene	11.94	104	483851	56.238	ug/l	99
71) Bromoform	12.10	173	136200	54.310	ug/l #	96
73) Isopropylbenzene	12.22	105	773022	53.289	ug/l	100
74) N-amyl acetate	12.04	43	332014	51.998	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	206859	49.058	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	318040	68.570	ug/l #	100
77) Bromobenzene	12.50	156	187063	52.662	ug/l	98
78) n-propylbenzene	12.56	91	883625	53.803	ug/l	100
79) 2-Chlorotoluene	12.65	91	546371	52.043	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	654306	53.306	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	82650	51.329	ug/l	98
82) 4-Chlorotoluene	12.75	91	580447	54.273	ug/l	100
83) tert-Butylbenzene	12.97	119	531127	52.732	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	665953	54.298	ug/l	99
85) sec-Butylbenzene	13.14	105	693024	53.170	ug/l	100
86) p-Isopropyltoluene	13.26	119	637400	54.282	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	330397	53.131	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	332642	52.520	ug/l	99
89) n-Butylbenzene	13.59	91	570790	55.178	ug/l	100
90) Hexachloroethane	13.85	117	119201	54.052	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	332396	53.765	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53083	50.735	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
Data File : VN064323.D
Acq On : 27 Oct 2020 13:22
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Quant Time: Oct 28 04:26:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration

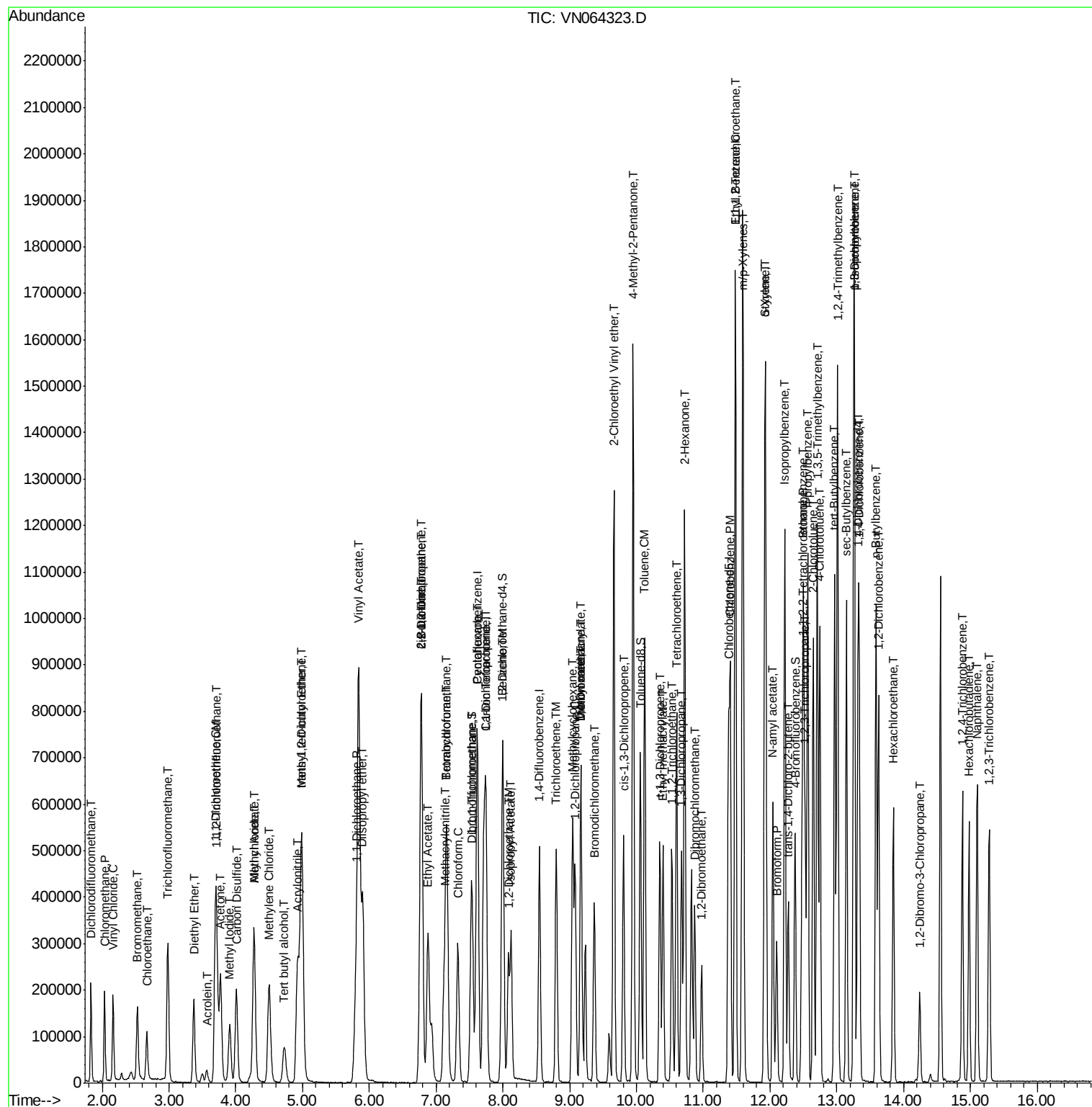
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	190287	53.410	ug/l	97
94) Hexachlorobutadiene	14.98	225	104479	55.069	ug/l	98
95) Naphthalene	15.10	128	535003	48.917	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	176743	51.534	ug/l	97

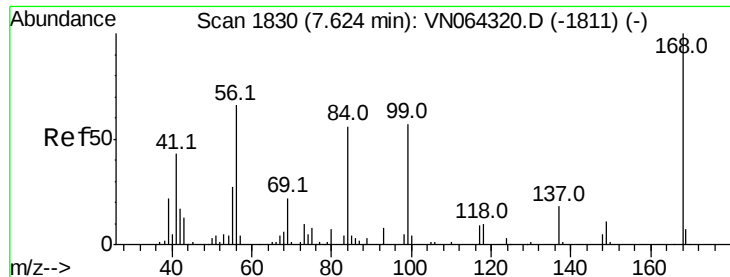
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102720\
Data File : VN064323.D
Acq On : 27 Oct 2020 13:22
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
Client Sample Id :
ICVVN102720

Quant Time: Oct 28 04:26:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

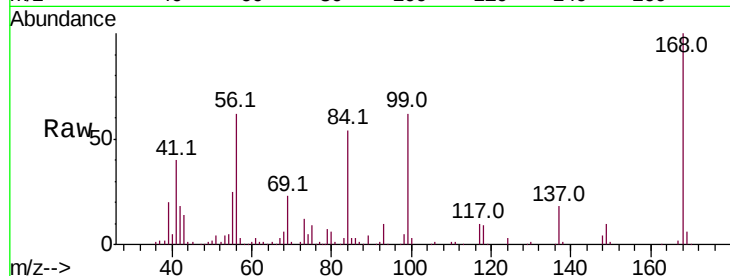
ICVFN102720

Tot Ion:168 Resp: 267955

Ion Ratio Lower Upper

168 100

99 61.3 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

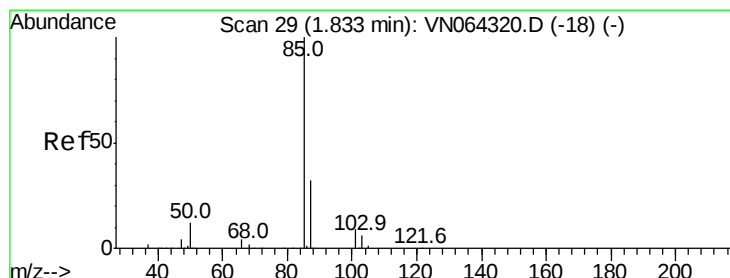
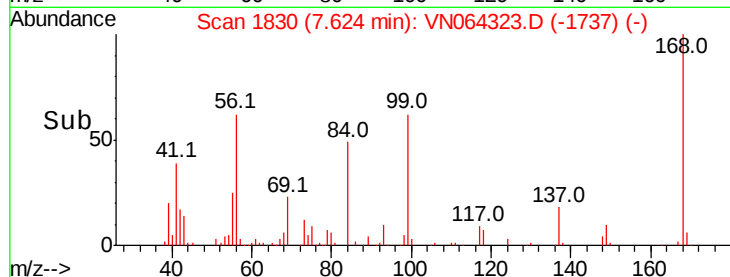
7.62

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.944 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064323.D

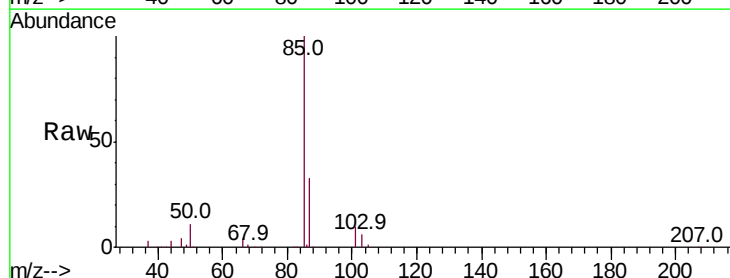
Acq: 27 Oct 2020 13:22

Tgt Ion: 85 Resp: 159995

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

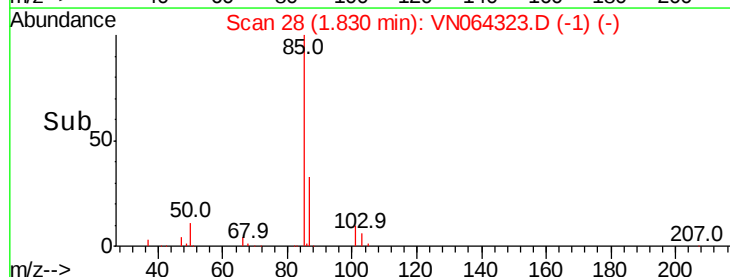
1.83

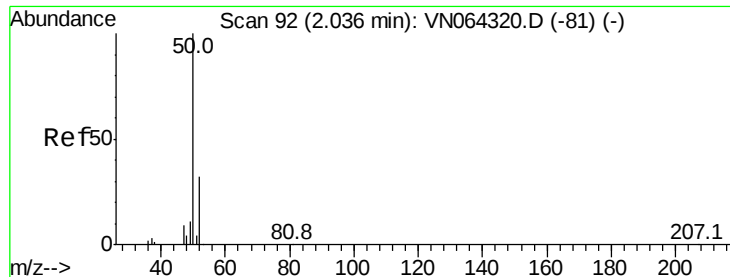
100000

50000

0

Time-->





#3

Chloromethane

Concen: 48.993 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

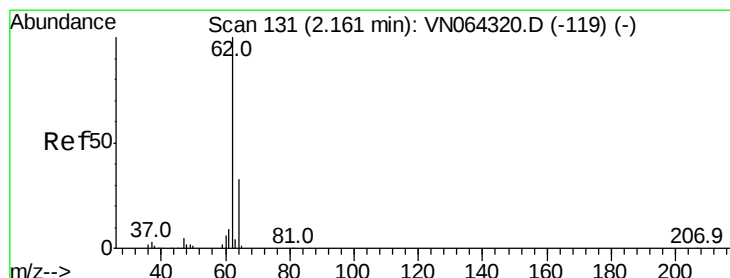
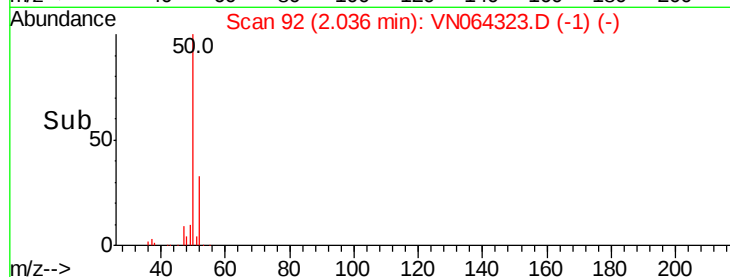
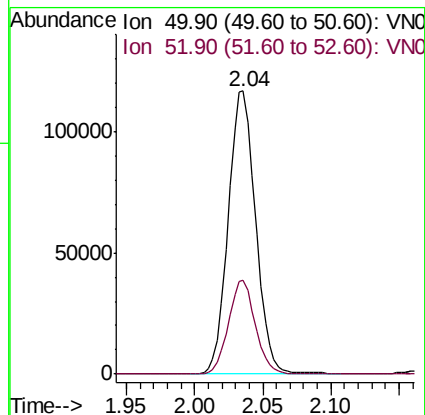
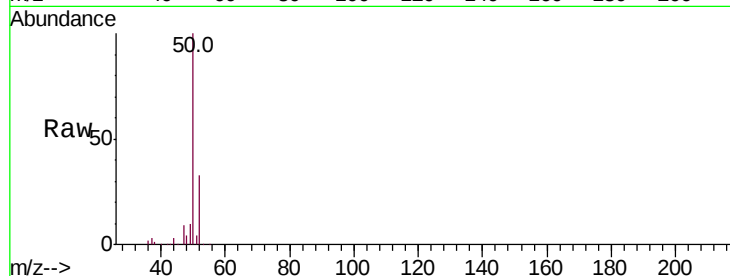
ICVFN102720

Tot Ion: 50 Resp: 163129

Ion Ratio Lower Upper

50 100

52 33.3 25.6 38.4



#4

Vinyl Chloride

Concen: 51.136 ug/l

RT: 2.16 min Scan# 131

Delta R.T. 0.00 min

Lab File: VN064323.D

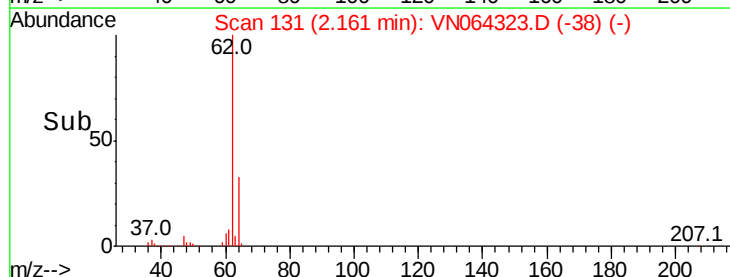
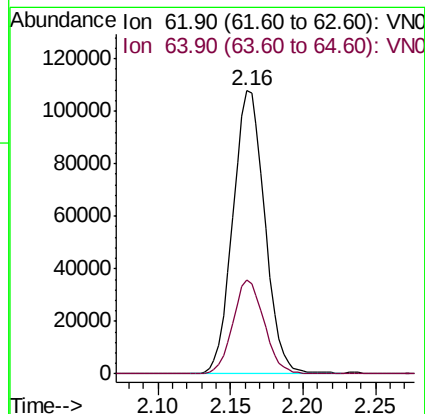
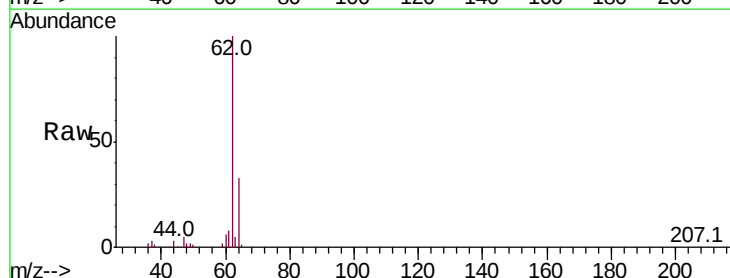
Acq: 27 Oct 2020 13:22

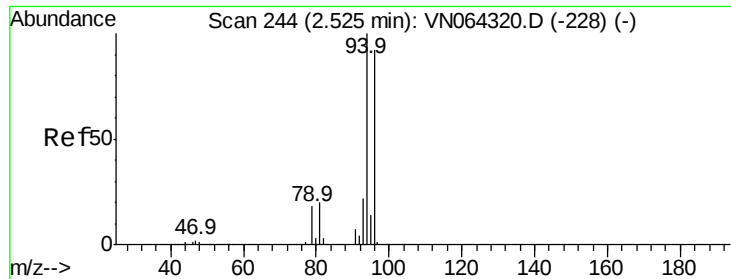
Tgt Ion: 62 Resp: 164687

Ion Ratio Lower Upper

62 100

64 33.4 26.2 39.4





#5

Bromomethane

Concen: 51.667 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

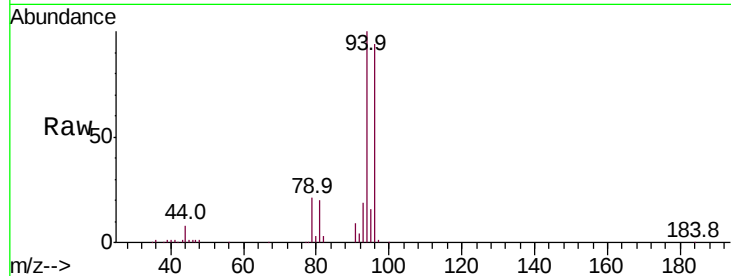
ICVFN102720

Tot Ion: 94 Resp: 107521

Ion Ratio Lower Upper

94 100

96 93.8 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

60000

50000

40000

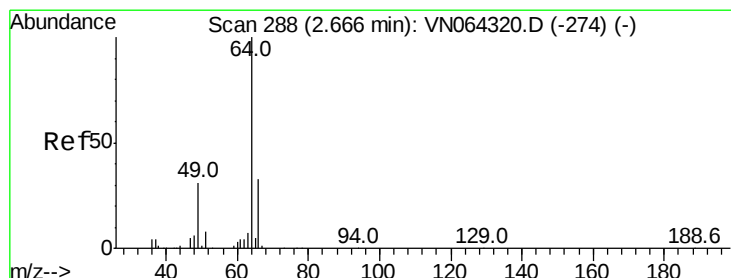
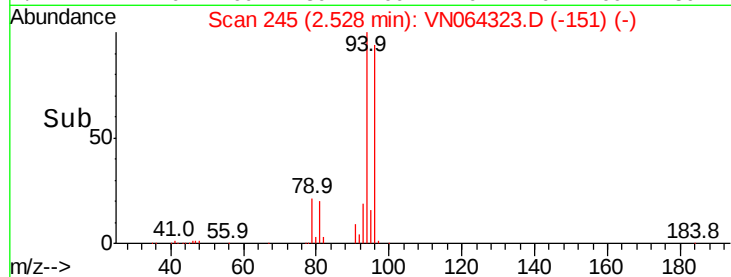
30000

20000

10000

0

Time--> 2.40 2.50 2.60



#6

Chloroethane

Concen: 50.448 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064323.D

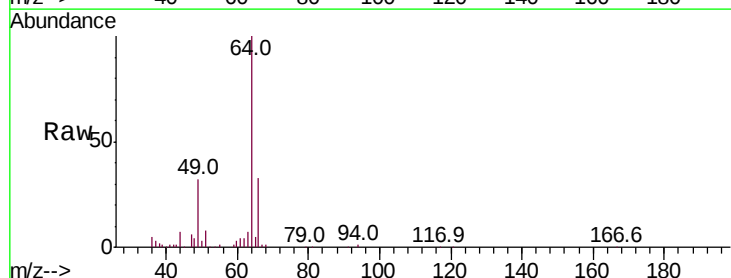
Acq: 27 Oct 2020 13:22

Tgt Ion: 64 Resp: 97083

Ion Ratio Lower Upper

64 100

66 32.6 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

50000

40000

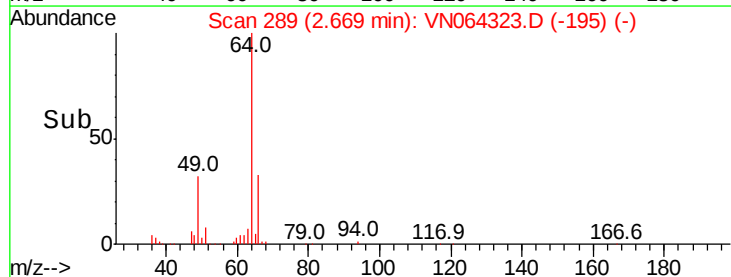
30000

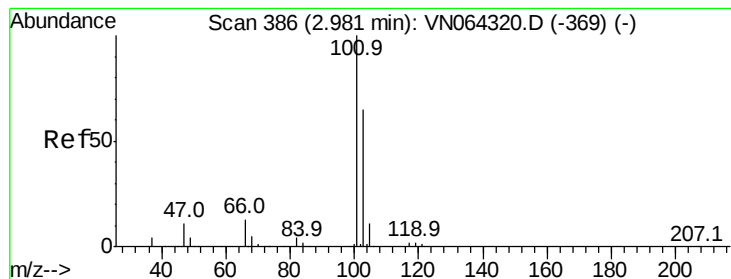
20000

10000

0

Time--> 2.60 2.65 2.70 2.75



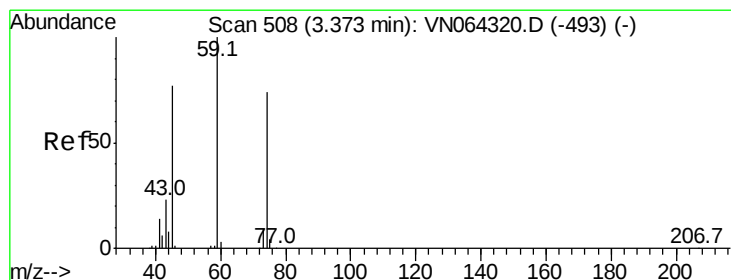
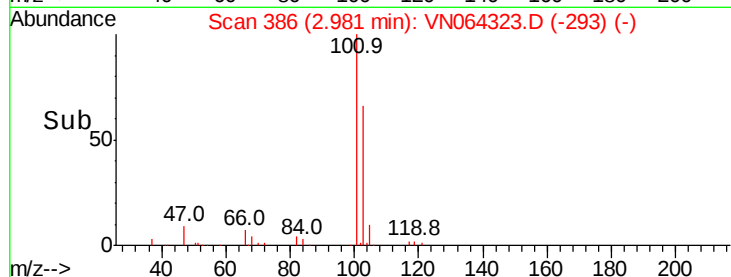
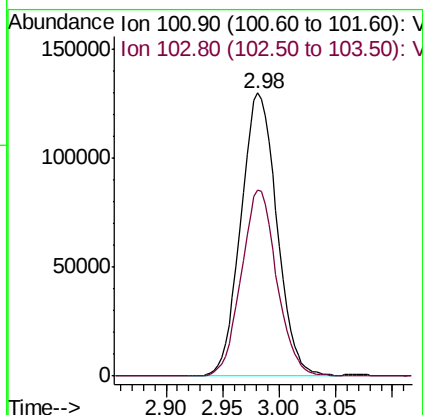
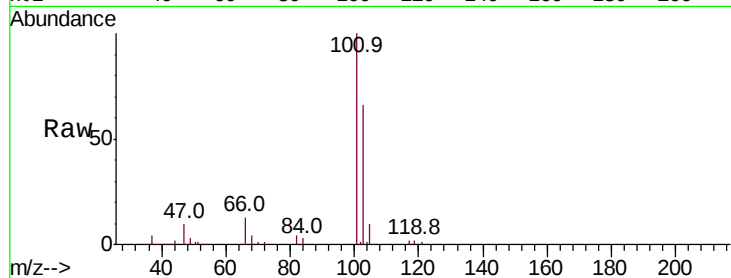


#7

Trichlorofluoromethane
 Concen: 53.374 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

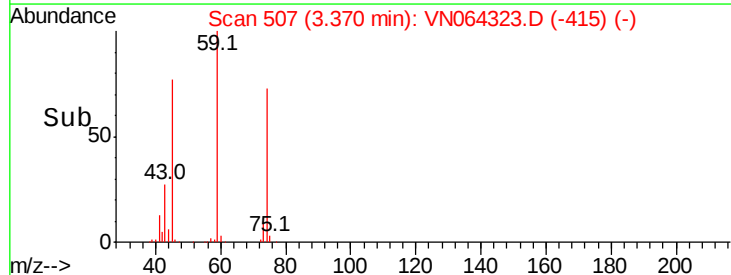
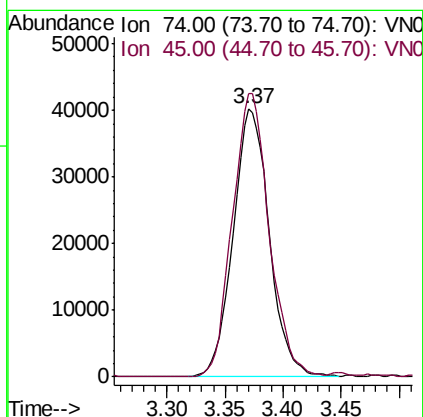
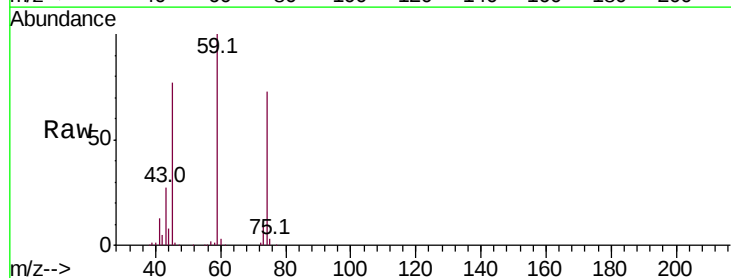
Tot Ion:101 Resp: 287971
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.7 77.5

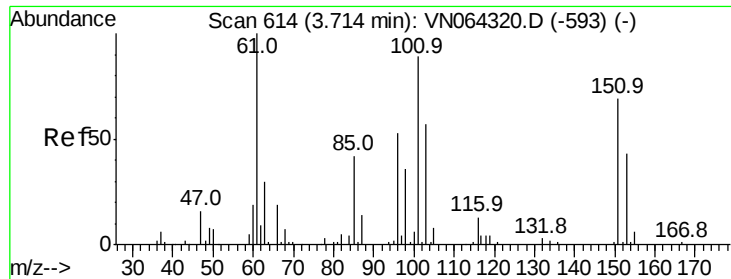


#8

Diethyl Ether
 Concen: 50.973 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion: 74 Resp: 86999
 Ion Ratio Lower Upper
 74 100
 45 107.4 51.3 154.0

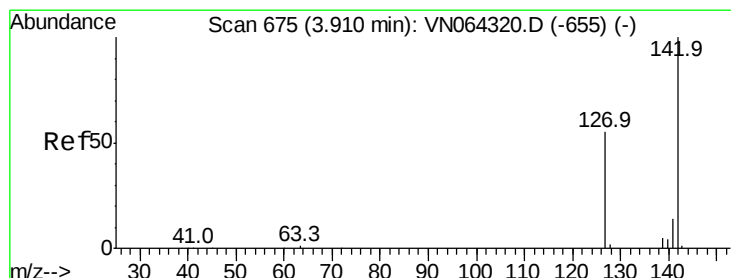
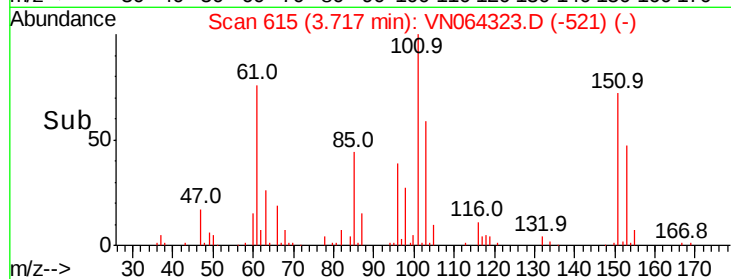
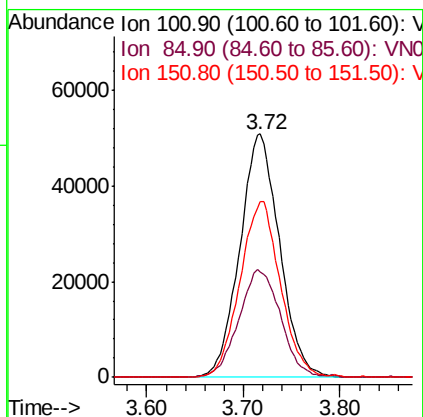
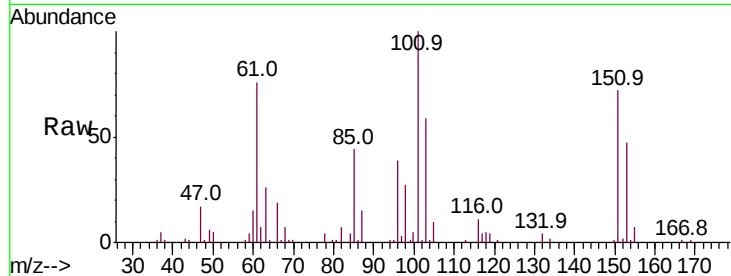




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 53.466 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

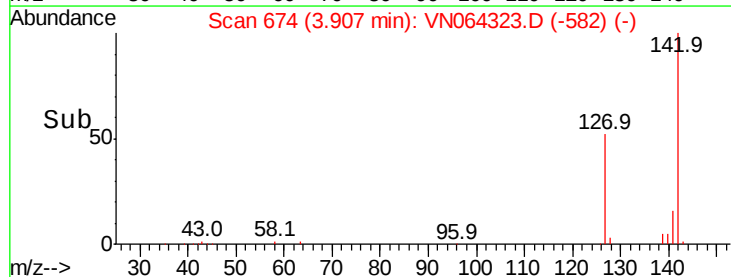
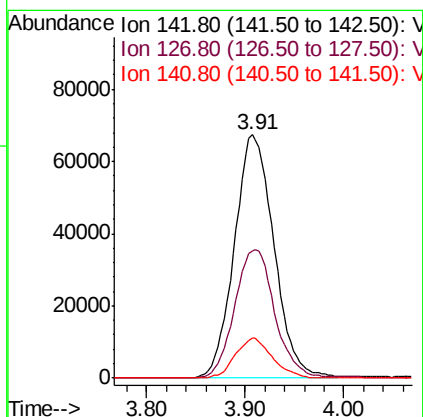
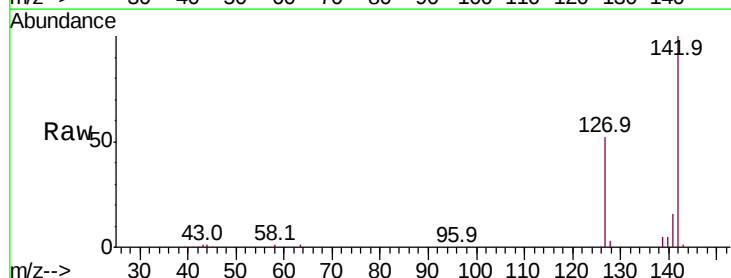
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

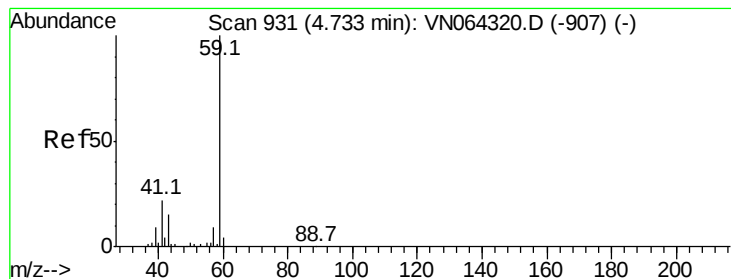
Tot Ion:101 Resp: 144986
 Ion Ratio Lower Upper
 101 100
 85 46.5 38.4 57.6
 151 73.4 62.0 93.0



#10
 Methyl Iodide
 Concen: 52.011 ug/l
 RT: 3.91 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion:142 Resp: 188210
 Ion Ratio Lower Upper
 142 100
 127 53.3 43.3 64.9
 141 15.2 11.5 17.3



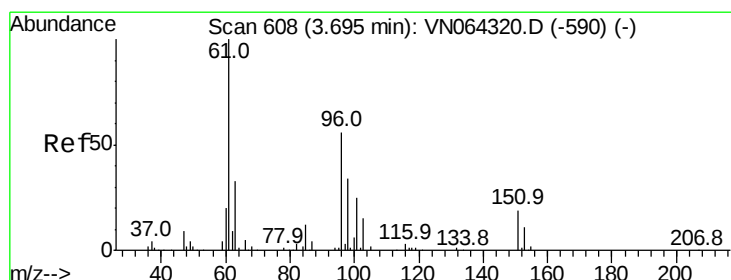
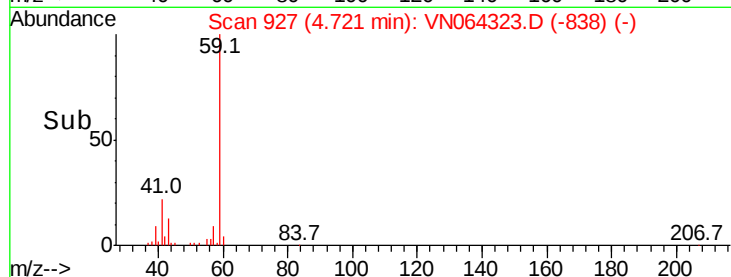
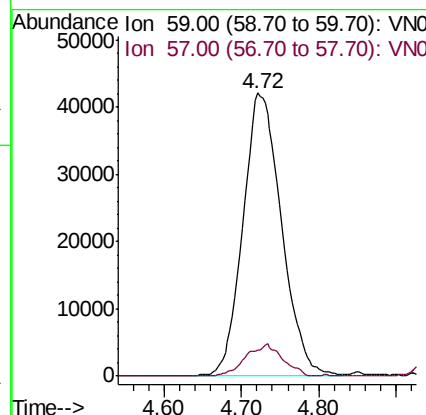
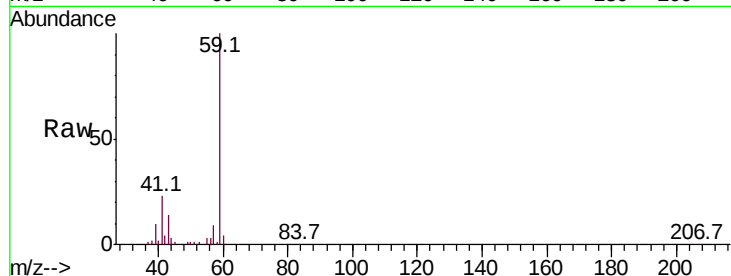


#11

Tert butyl alcohol
 Concen: 233.285 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

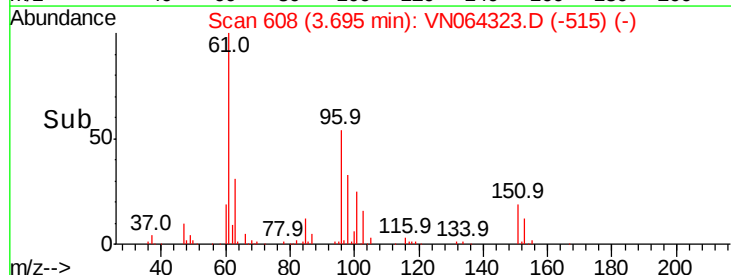
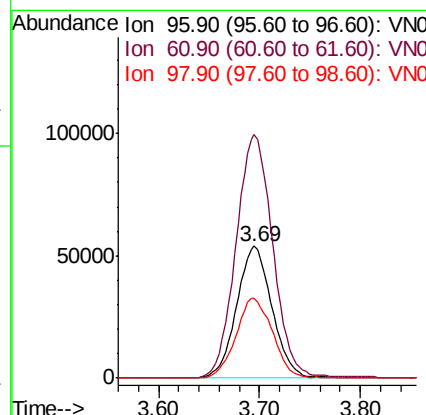
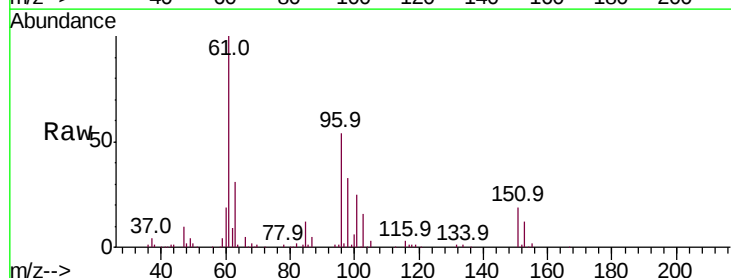
Tot Ion: 59 Resp: 145823
 Ion Ratio Lower Upper
 59 100
 57 10.8 9.4 14.0

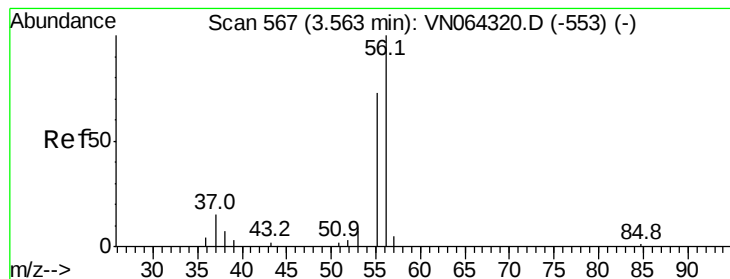


#12

1,1-Dichloroethene
 Concen: 51.385 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion: 96 Resp: 131546
 Ion Ratio Lower Upper
 96 100
 61 184.2 143.6 215.4
 98 60.3 48.6 73.0





#13

Acrolein

Concen: 217.055 ug/l

RT: 3.56 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

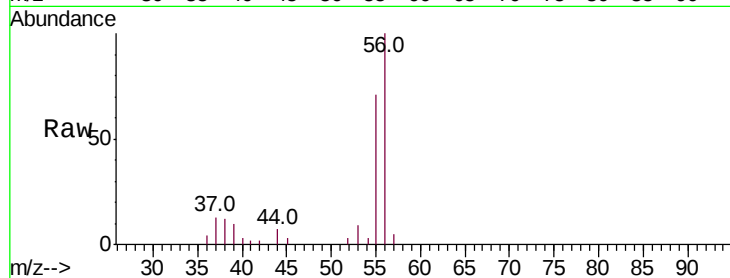
ICVFN102720

Tot Ion: 56 Resp: 29103

Ion Ratio Lower Upper

56 100

55 73.8 62.6 94.0



Abundance Ion 56.00 (55.70 to 56.70): VN064323.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN064323.D (-553) (-)

3.56

12000

10000

8000

6000

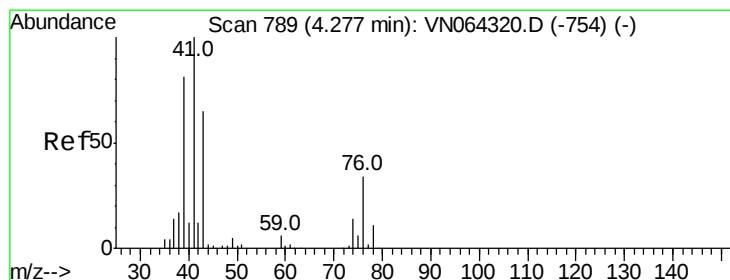
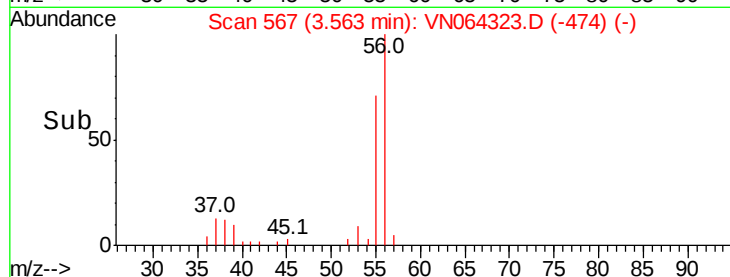
4000

2000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 51.517 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

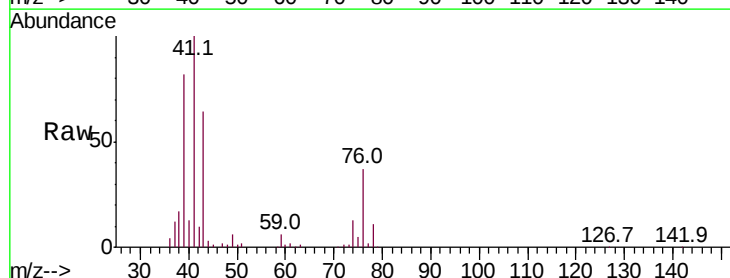
Tgt Ion: 41 Resp: 269293

Ion Ratio Lower Upper

41 100

39 74.8 61.7 92.5

76 31.4 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VN064323.D (-696) (-)

Ion 39.00 (38.70 to 39.70): VN064323.D (-696) (-)

Ion 75.90 (75.60 to 76.60): VN064323.D (-696) (-)

4.27

100000

80000

60000

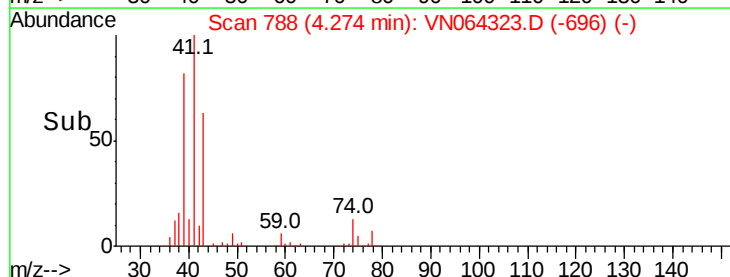
40000

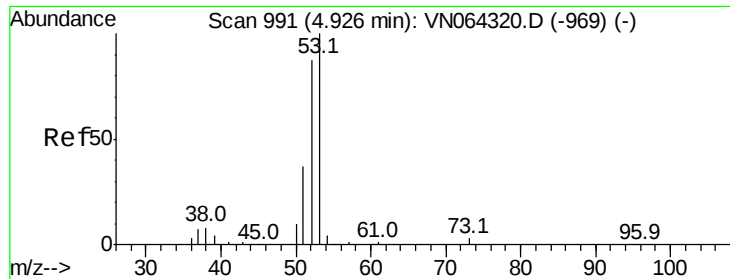
20000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 257.139 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102720

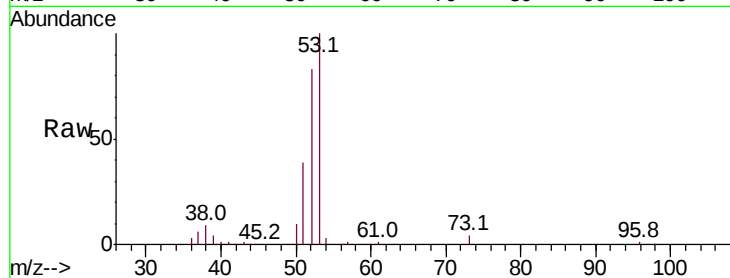
Tot Ion: 53 Resp: 345654

Ion Ratio Lower Upper

53 100

52 81.1 65.9 98.9

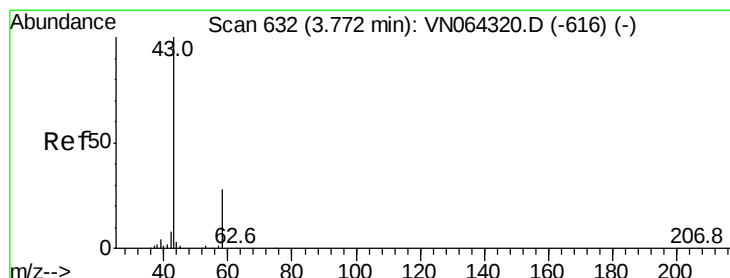
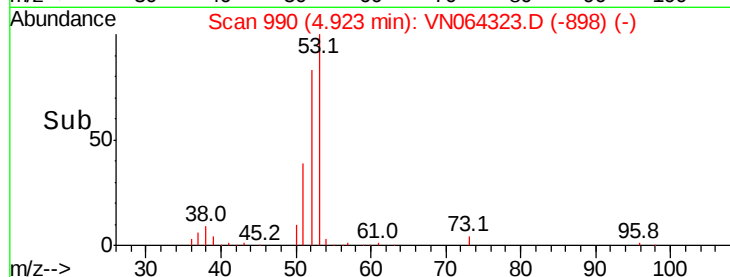
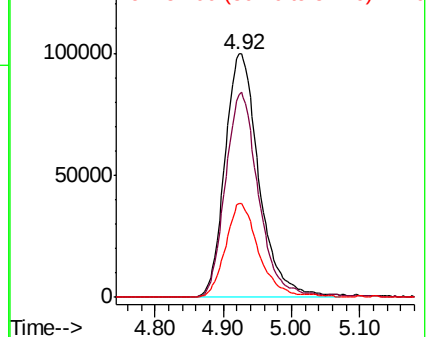
51 37.8 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 258.163 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064323.D

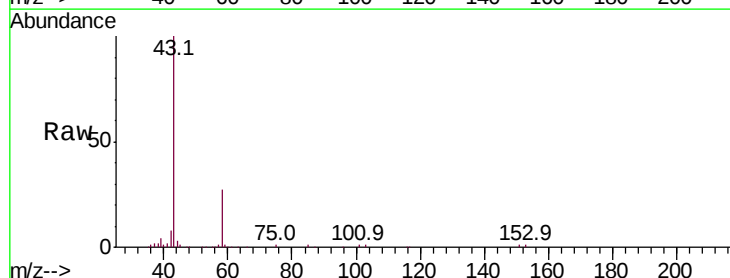
Acq: 27 Oct 2020 13:22

Tgt Ion: 43 Resp: 378638

Ion Ratio Lower Upper

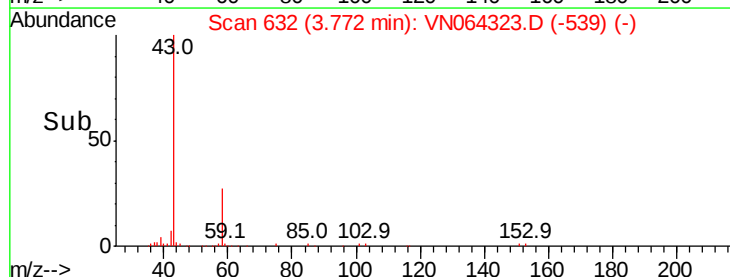
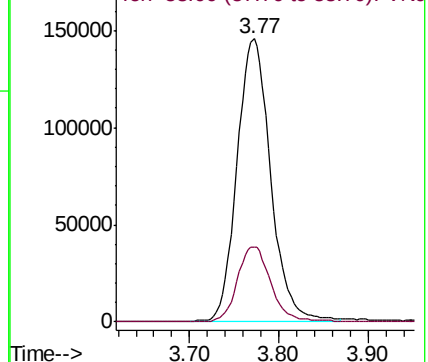
43 100

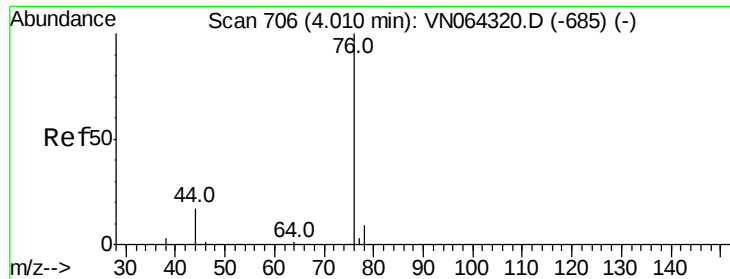
58 26.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

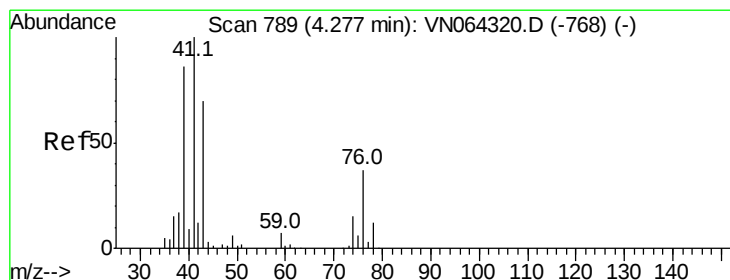
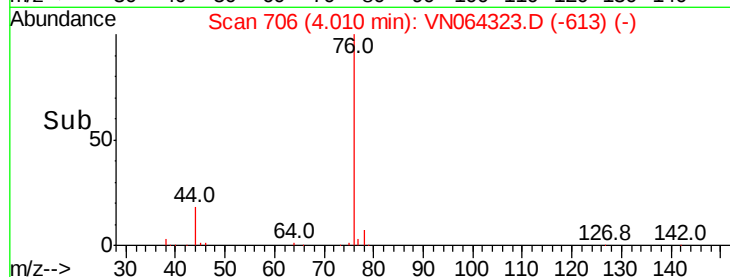
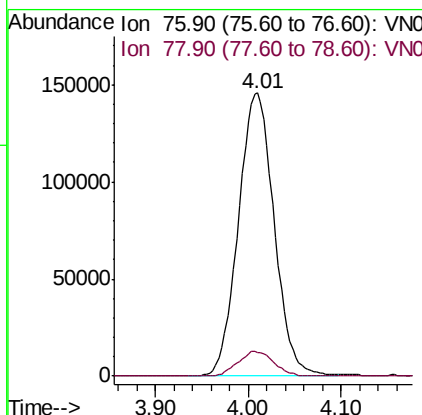
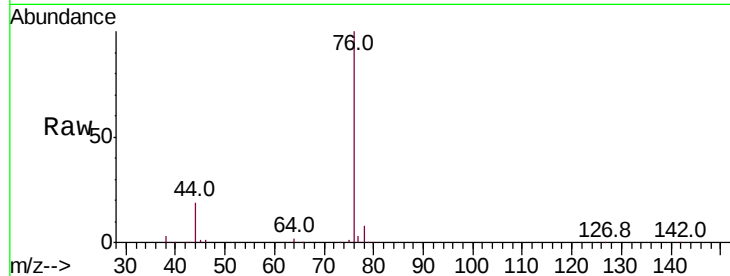




#17
Carbon Disulfide
Concen: 51.594 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

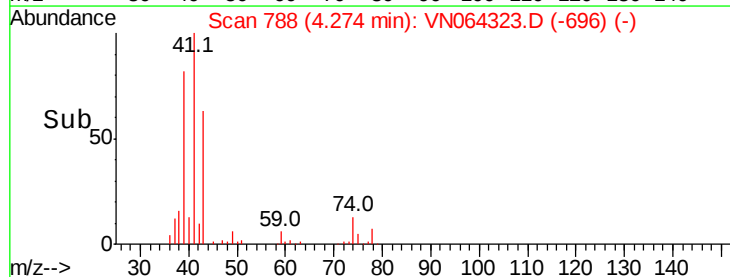
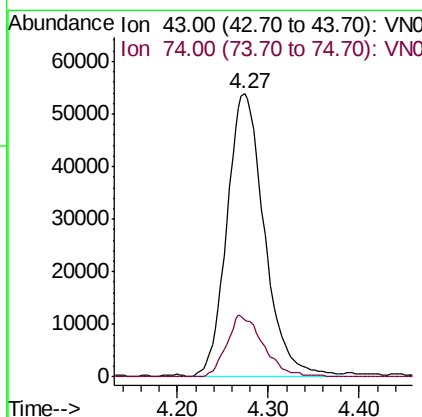
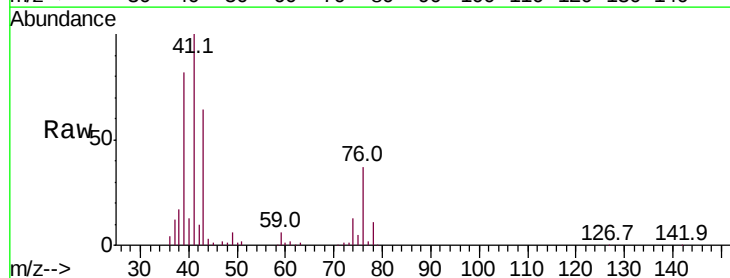
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

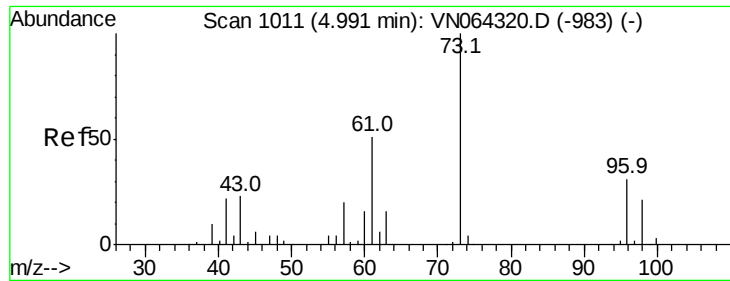
Tot Ion: 76 Resp: 390785
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 47.768 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion: 43 Resp: 154513
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1

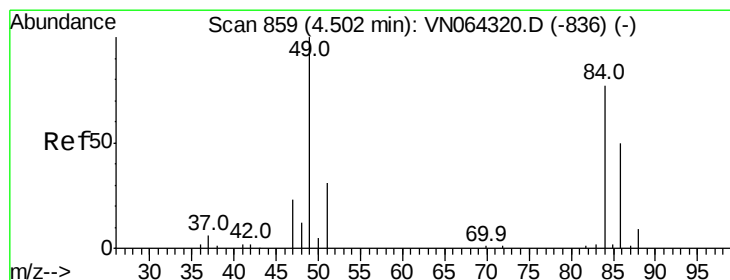
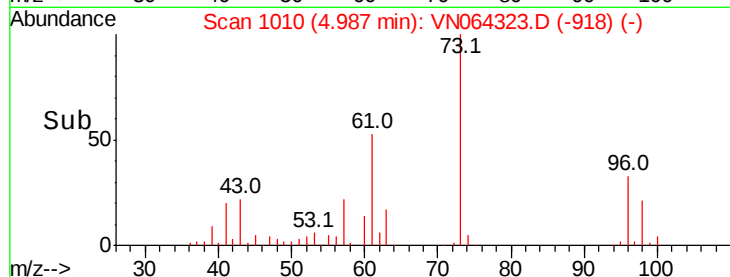
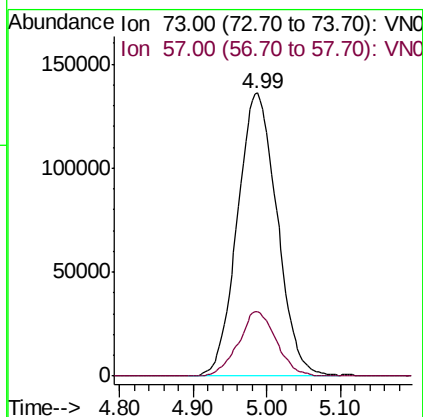
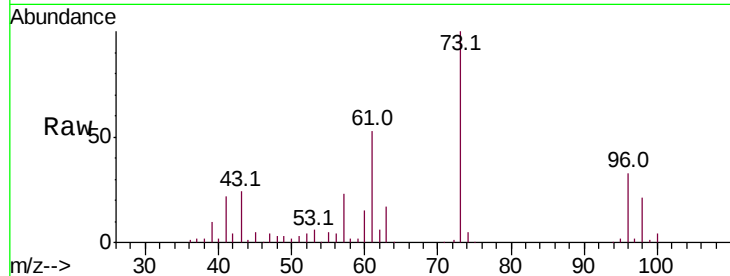




#19
Methvl tert-butvl Ether
Concen: 51.856 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

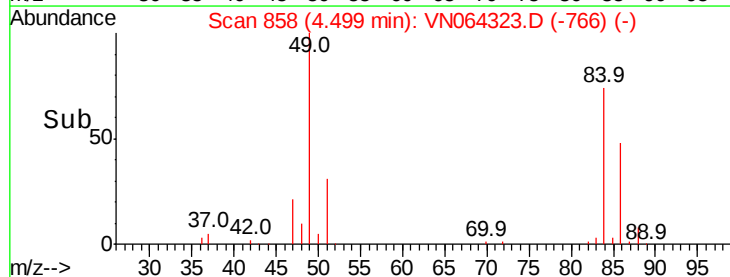
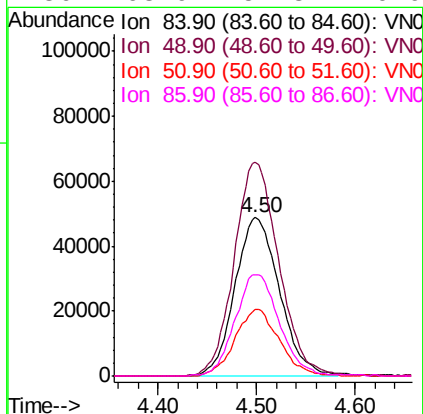
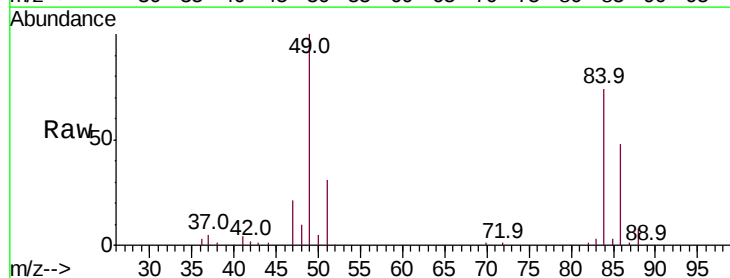
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

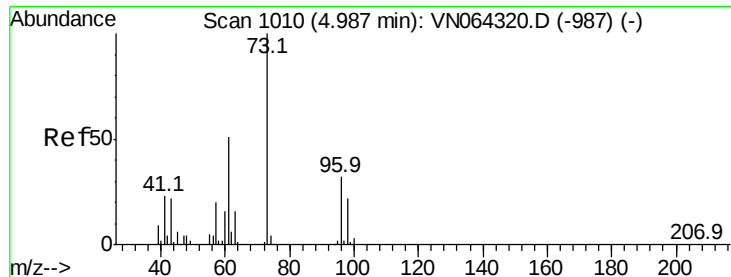
Tot Ion: 73 Resp: 510054
Ion Ratio Lower Upper
73 100
57 22.8 16.1 24.1



#20
Methylene Chloride
Concen: 50.137 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion: 84 Resp: 153110
Ion Ratio Lower Upper
84 100
49 134.4 103.6 155.4
51 41.9 31.8 47.8
86 63.9 51.3 76.9

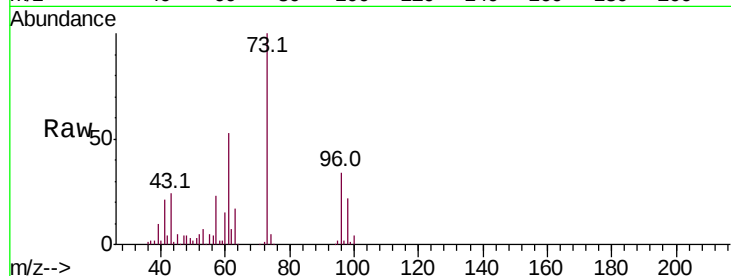




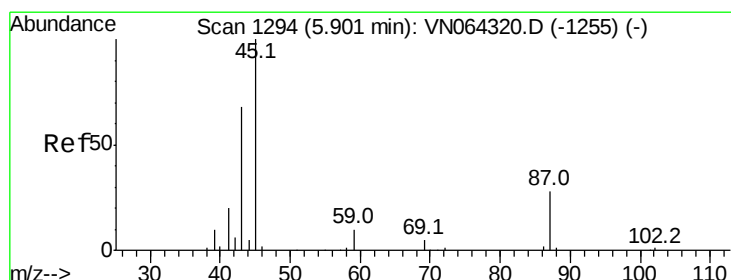
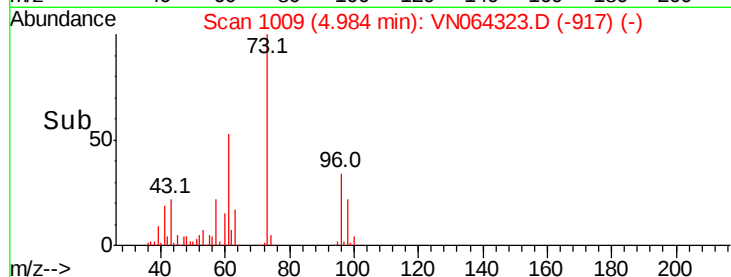
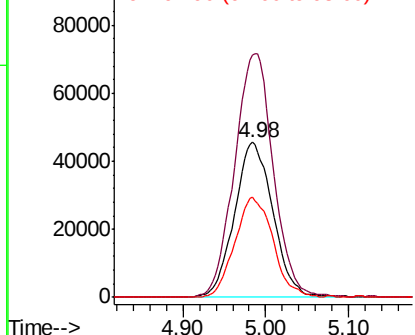
#21
trans-1,2-Dichloroethene
Concen: 51.483 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVFN102720

Tot Ion: 96 Resp: 147025
Ion Ratio Lower Upper
96 100
61 156.5 128.2 192.2
98 64.5 56.1 84.1

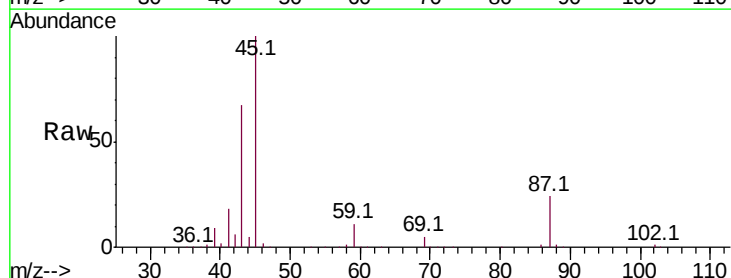


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

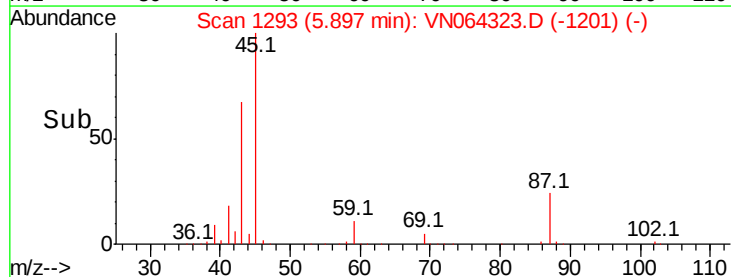
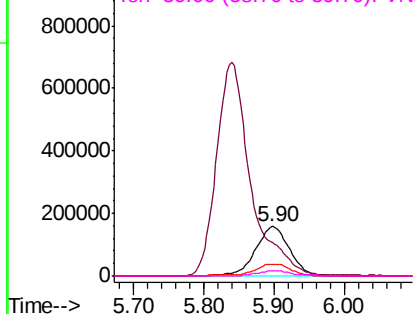


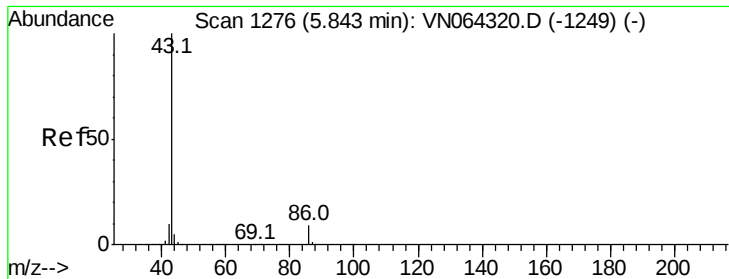
#22
Diisopropyl ether
Concen: 52.311 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion: 45 Resp: 534476
Ion Ratio Lower Upper
45 100
43 64.7 54.6 82.0
87 23.7 22.6 33.8
59 11.1 8.6 12.8



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: 268.120 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

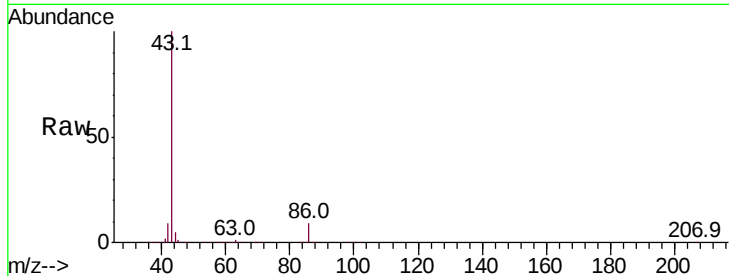
ICVVN102720

Tot Ion: 43 Resp: 2317623

Ion Ratio Lower Upper

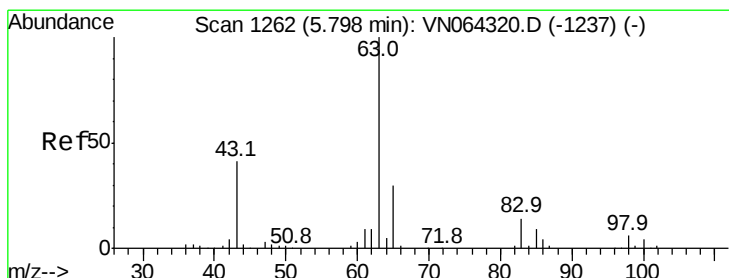
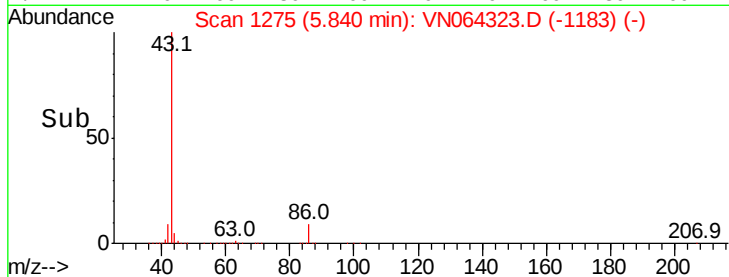
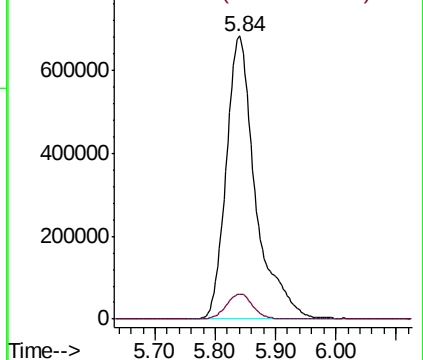
43 100

86 8.8 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 50.809 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

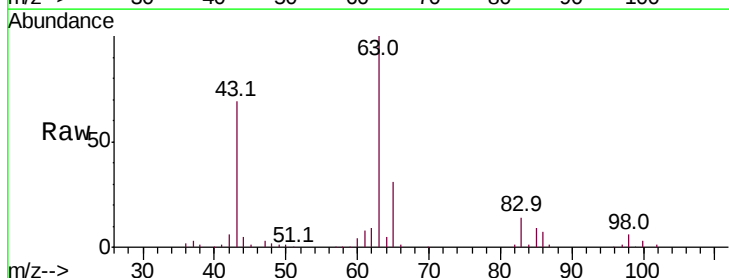
Tgt Ion: 63 Resp: 290485

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.4

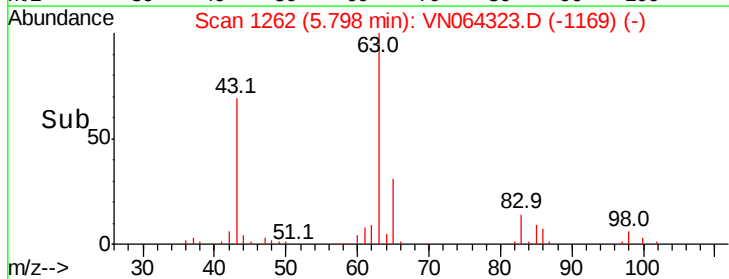
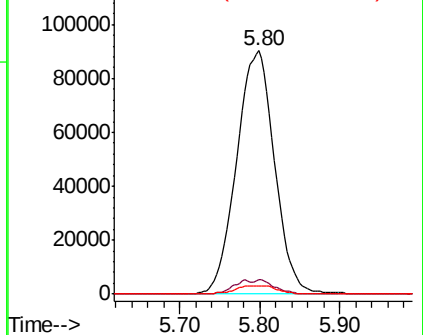
100 3.5 2.0 5.8

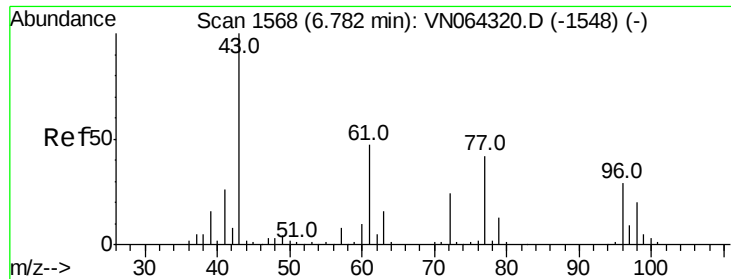


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 251.291 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

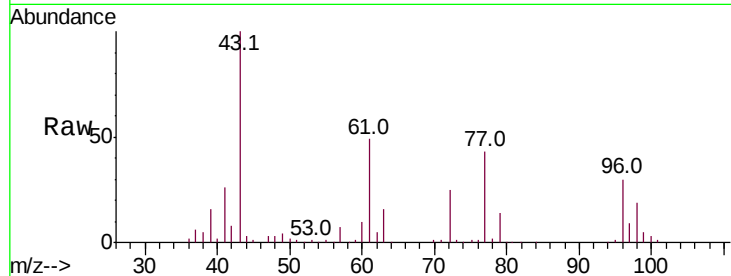
ICVVN102720

Tot Ion: 43 Resp: 543305

Ion Ratio Lower Upper

43 100

72 24.8 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.78

200000

150000

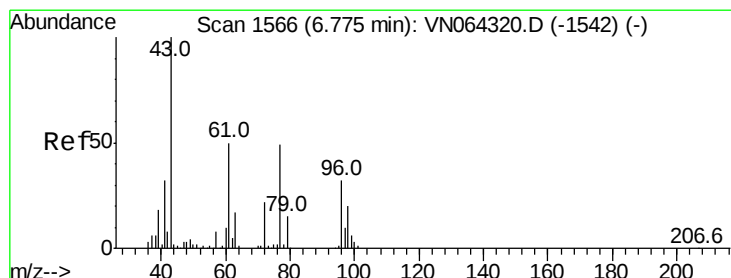
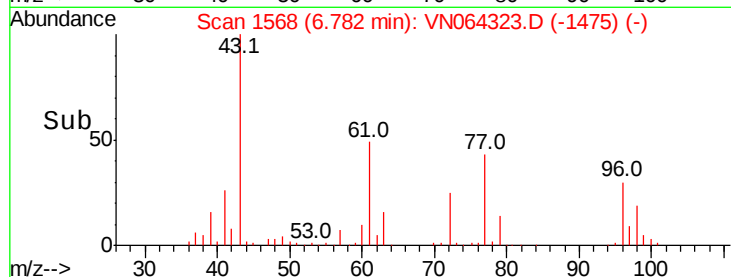
100000

50000

0

6.70 6.80

Time-->



#26

2,2-Dichloropropane

Concen: 51.692 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064323.D

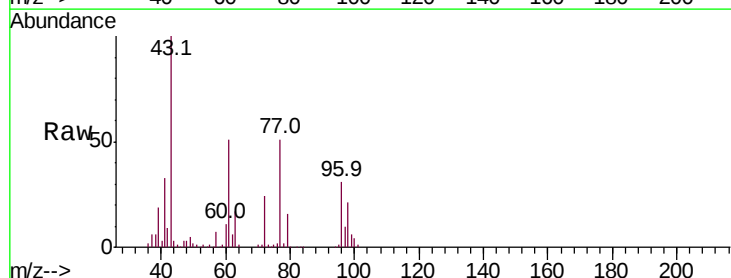
Acq: 27 Oct 2020 13:22

Tgt Ion: 77 Resp: 289239

Ion Ratio Lower Upper

77 100

97 20.3 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.77

100000

80000

60000

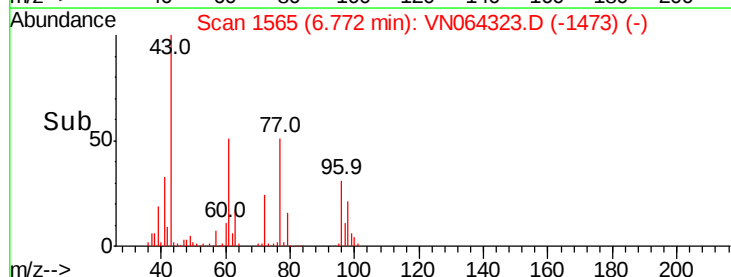
40000

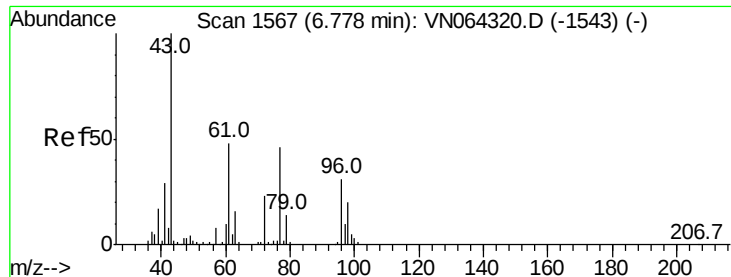
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 52.059 ug/l

RT: 6.78 min Scan# 1568

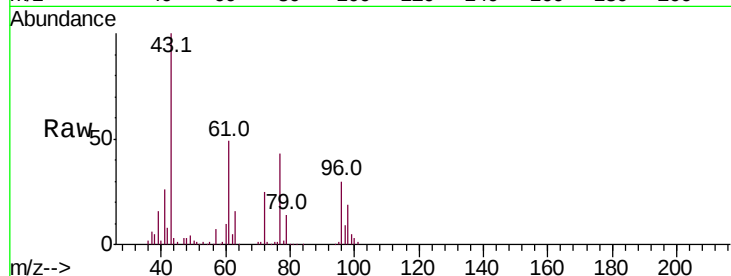
Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.3	0.0	325.0
98	64.8	0.0	128.4

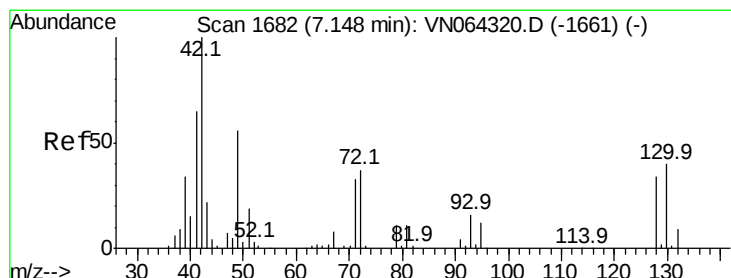
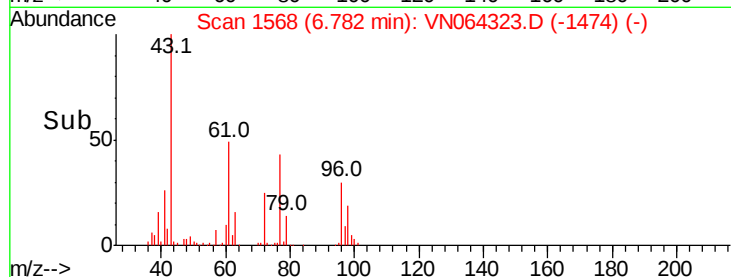
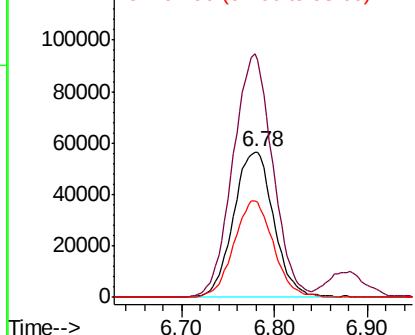


Abundance

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: 49.734 ug/l

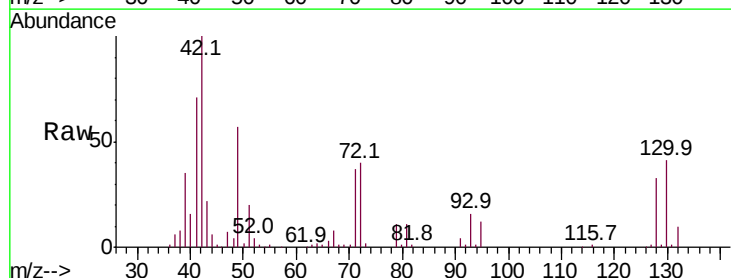
RT: 7.15 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	2.8
130	73.7	56.2	84.2

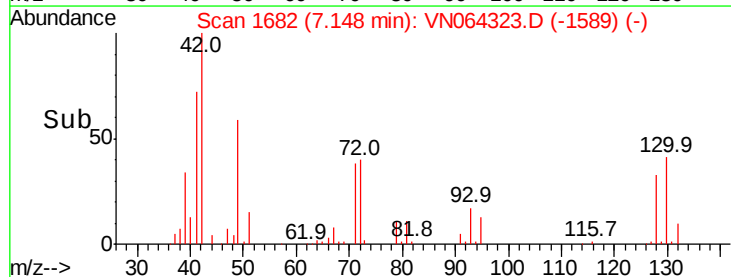
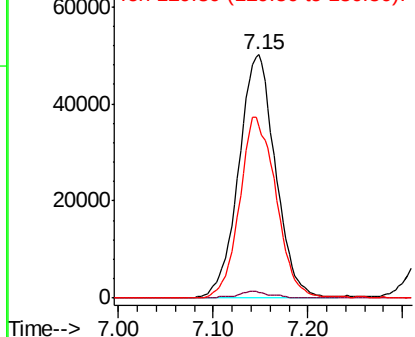


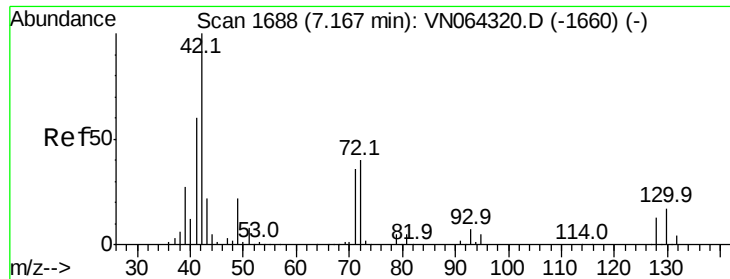
Abundance

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: 236.425 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.01 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102720

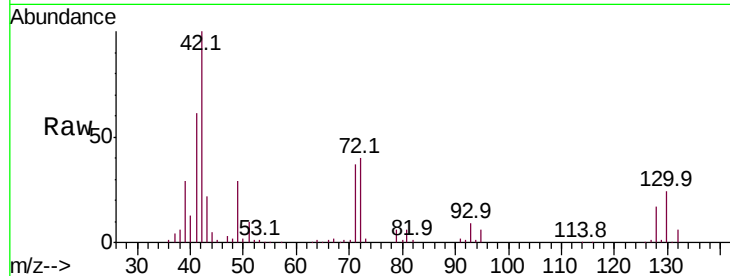
Tot Ion: 42 Resp: 331843

Ion Ratio Lower Upper

42 100

72 41.0 31.6 47.4

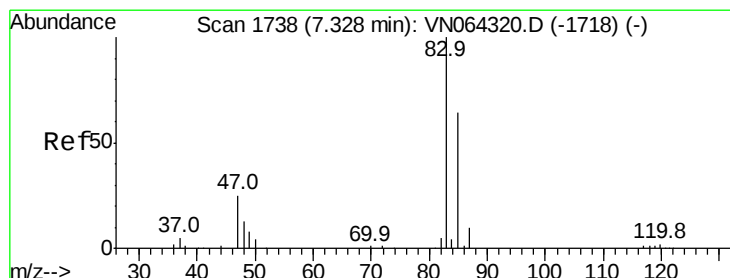
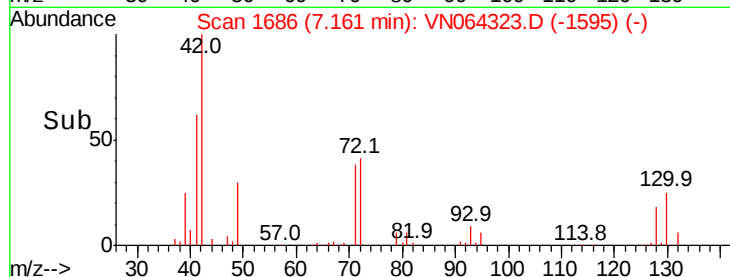
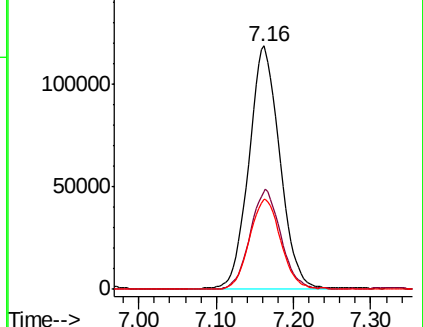
71 37.2 29.4 44.0



Abundance Ion 42.00 (41.70 to 42.70): VN064323.D (-1686) (-)

Ion 72.00 (71.70 to 72.70): VN064323.D (-1686) (-)

Ion 71.00 (70.70 to 71.70): VN064323.D (-1686) (-)



#30

Chloroform

Concen: 50.366 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064323.D

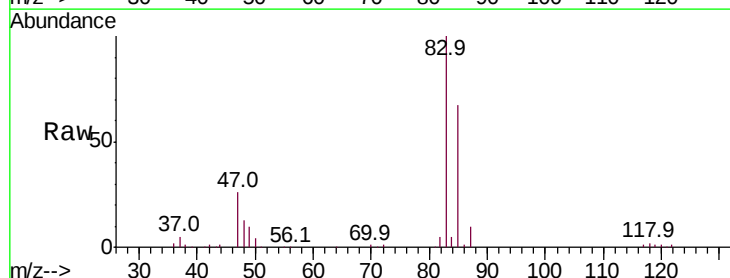
Acq: 27 Oct 2020 13:22

Tgt Ion: 83 Resp: 307361

Ion Ratio Lower Upper

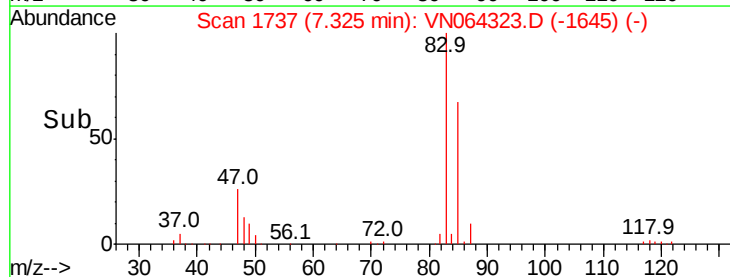
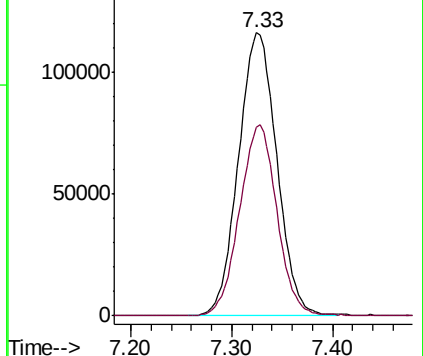
83 100

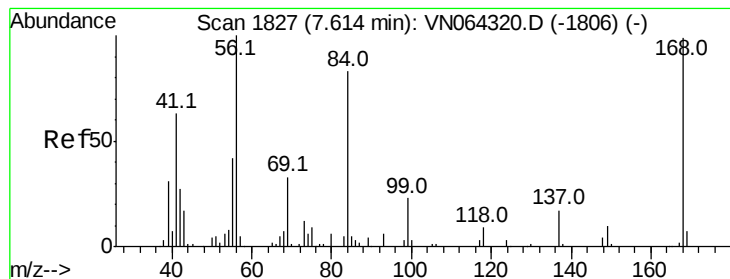
85 66.9 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN064323.D (-1737) (-)

Ion 84.90 (84.60 to 85.60): VN064323.D (-1737) (-)





#31

Cyclohexane

Concen: 50.793 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102720

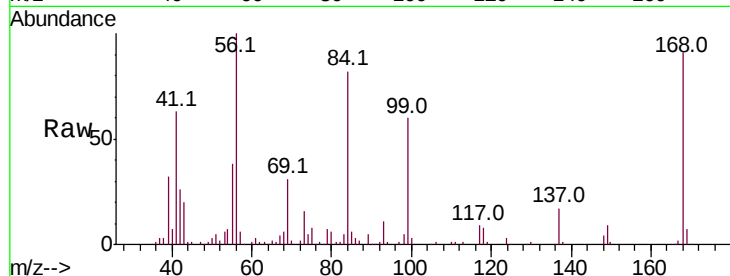
Tot Ion: 56 Resp: 253841

Ion Ratio Lower Upper

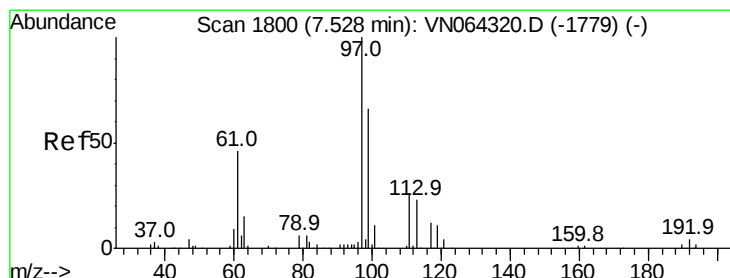
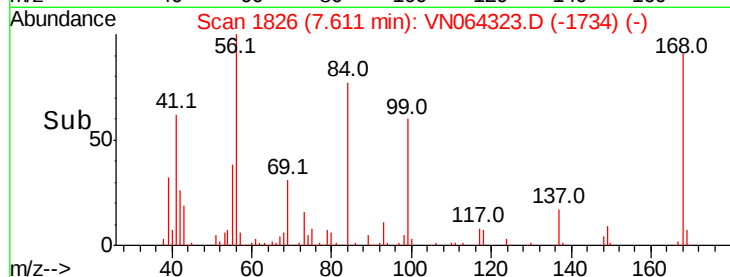
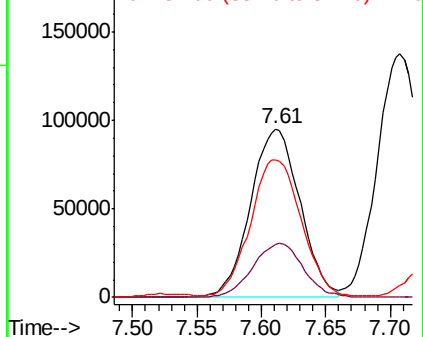
56 100

69 31.3 25.8 38.8

84 80.0 66.3 99.5



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



#32

1,1,1-Trichloroethane

Concen: 49.614 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

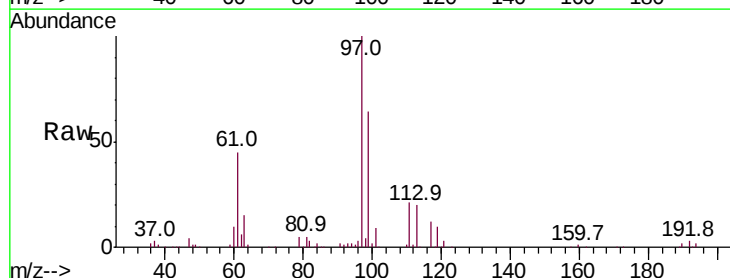
Tgt Ion: 97 Resp: 290738

Ion Ratio Lower Upper

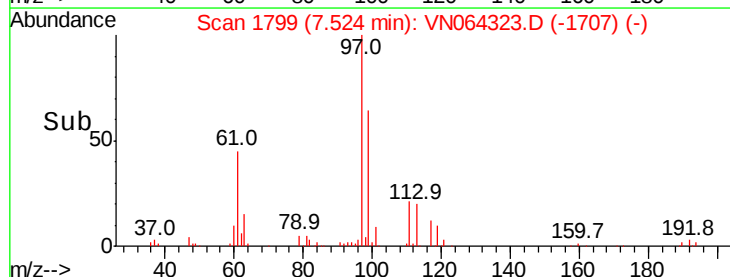
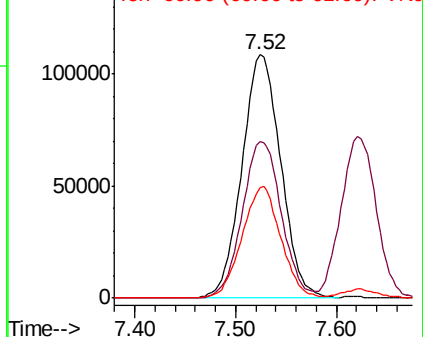
97 100

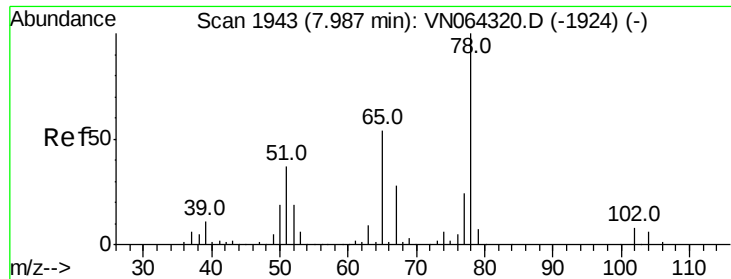
99 64.5 50.6 76.0

61 45.7 35.8 53.6



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





#33

1,2-Dichloroethane-d4

Concen: 43.293 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

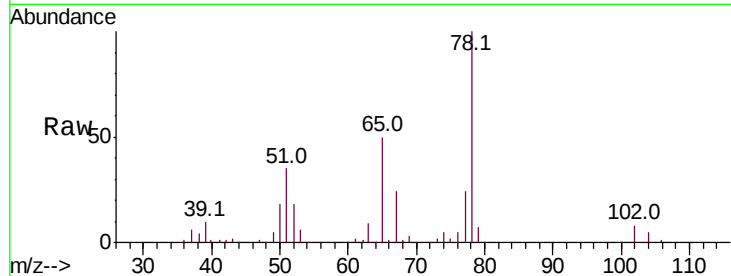
ICVFN102720

Tot Ion: 65 Resp: 186419

Ion Ratio Lower Upper

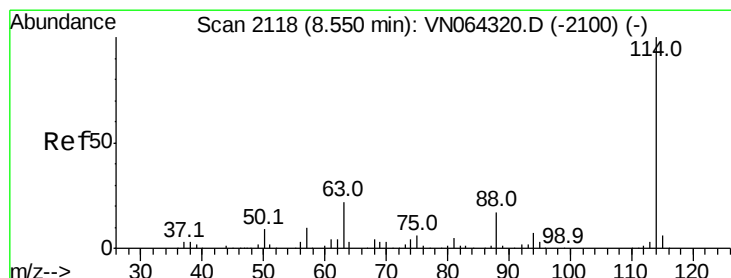
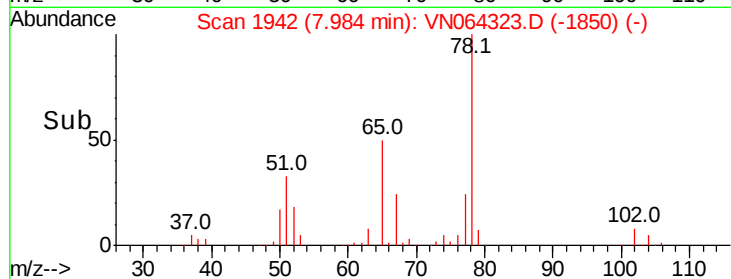
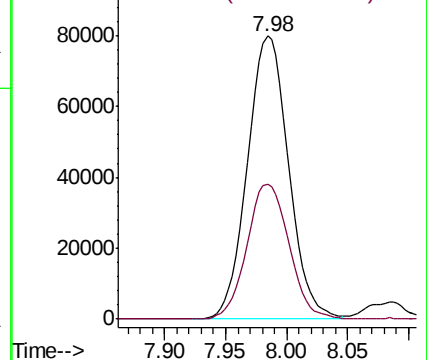
65 100

67 48.7 0.0 99.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

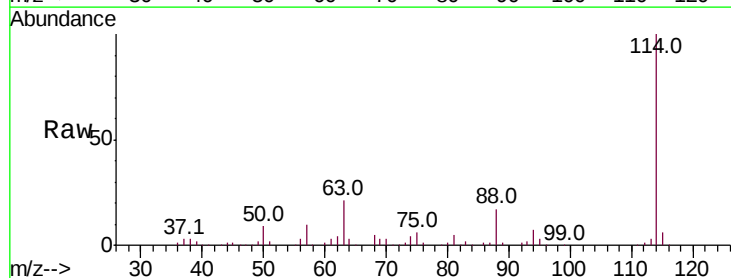
Tgt Ion: 114 Resp: 428275

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.6

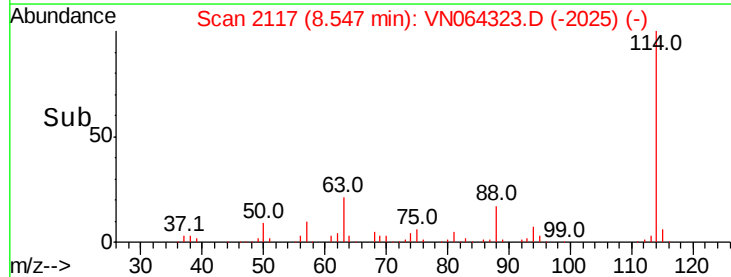
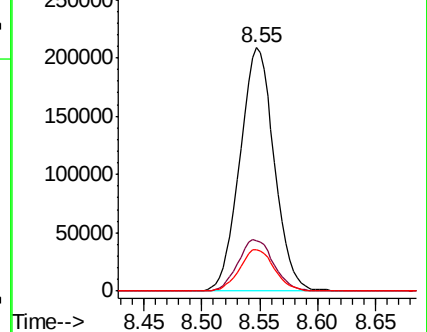
88 17.2 0.0 33.4

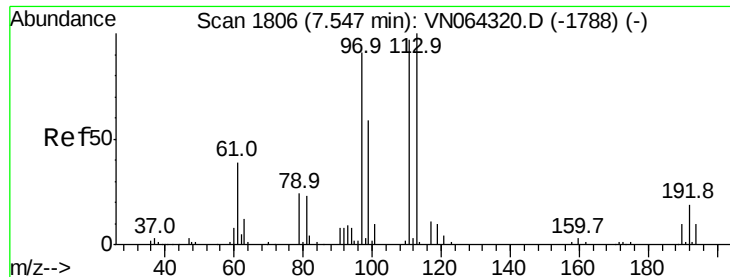


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

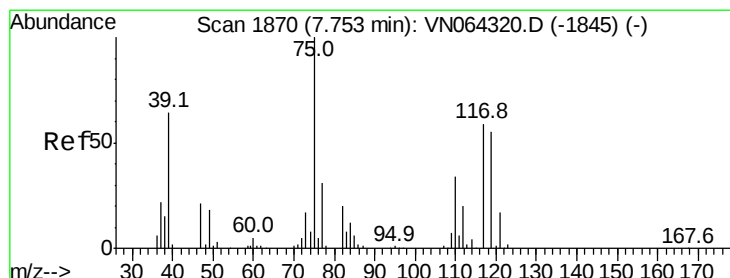
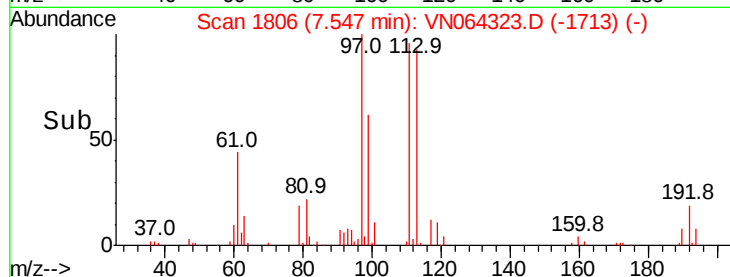
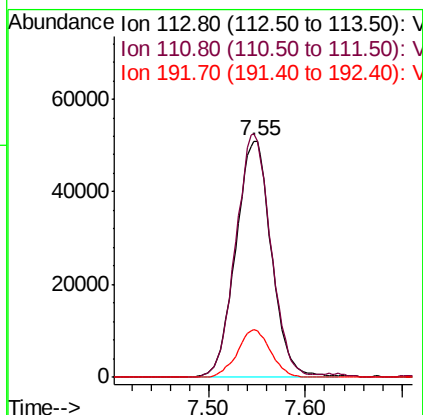
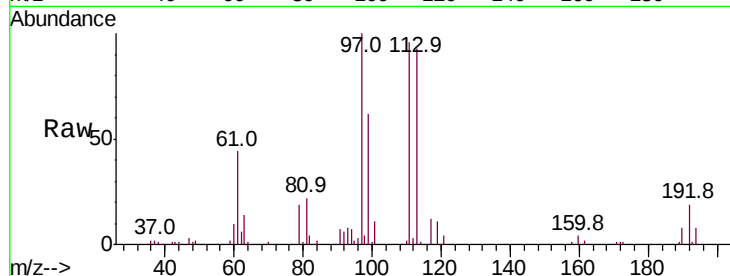




#35
 Dibromofluoromethane
 Concen: 45.686 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

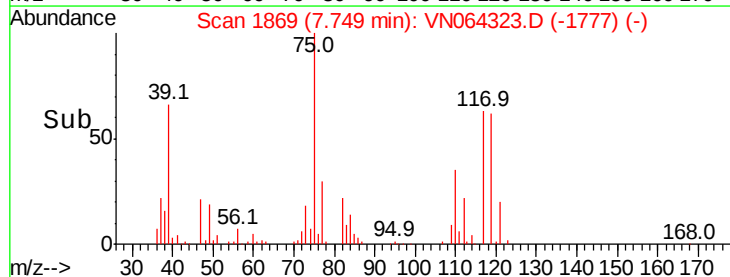
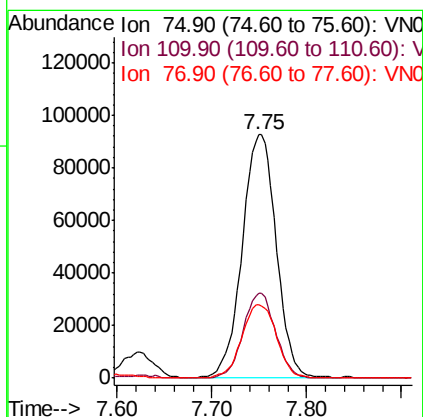
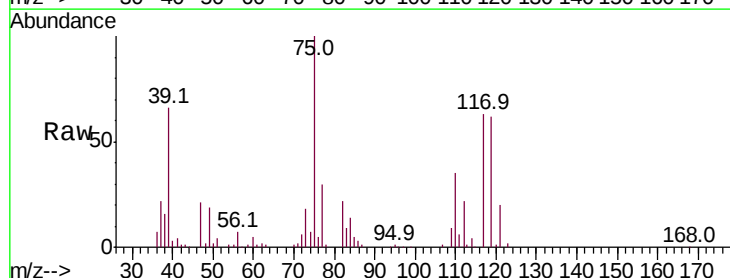
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

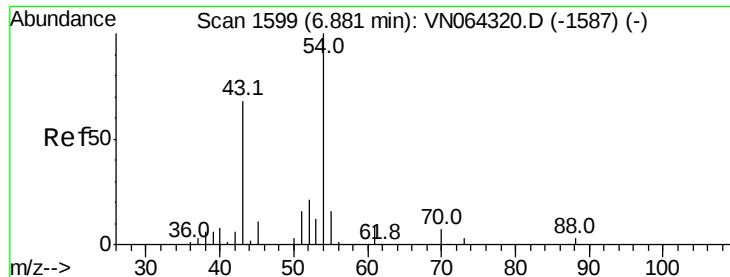
Tot Ion:113 Resp: 130483
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.5 122.3
 192 18.9 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 53.440 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion: 75 Resp: 230982
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.8 50.3
 77 31.1 24.2 36.4





#37

Ethyl Acetate

Concen: 50.897 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.00 min

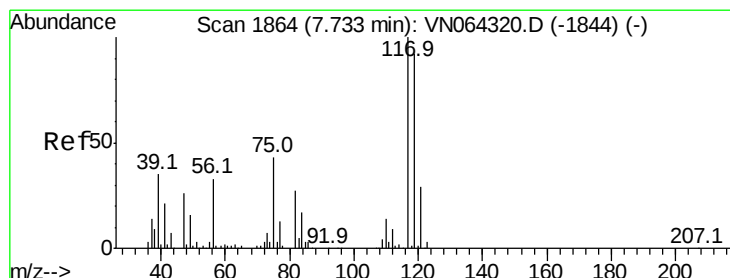
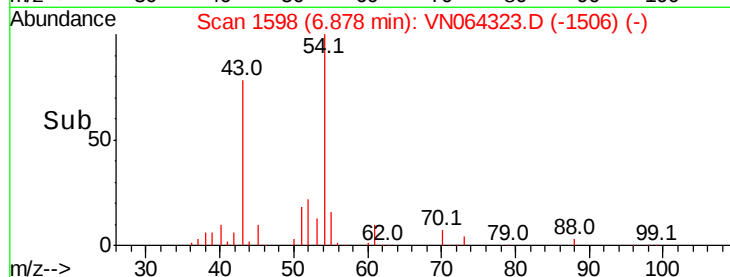
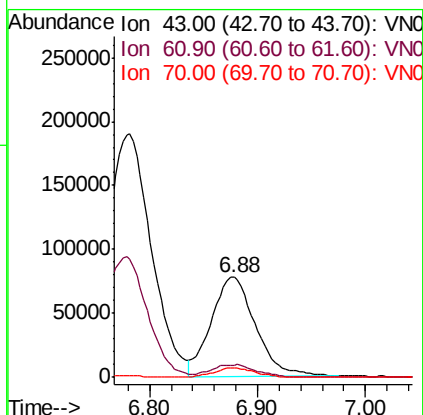
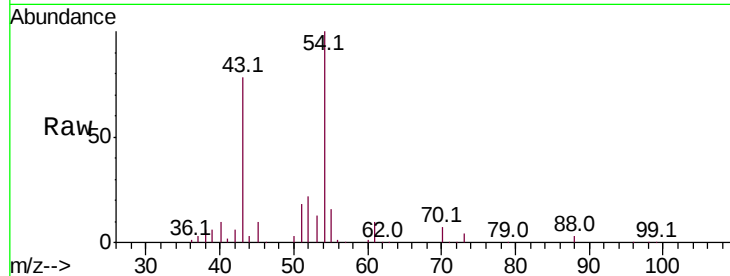
Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion: 43 Resp: 222212

Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.0	15.0
70	9.2	7.1	10.7



#38

Carbon Tetrachloride

Concen: 53.401 ug/l

RT: 7.73 min Scan# 1863

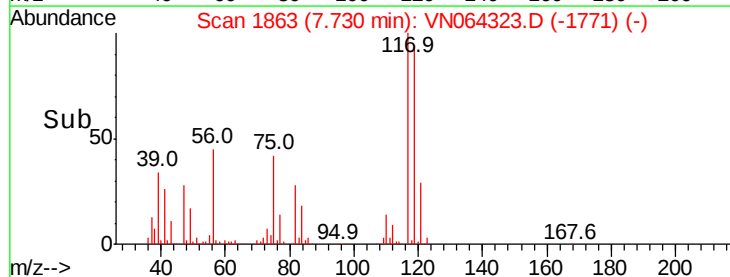
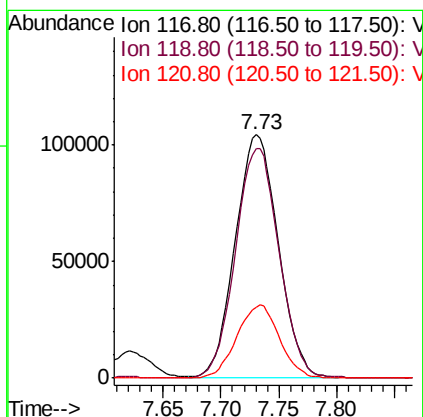
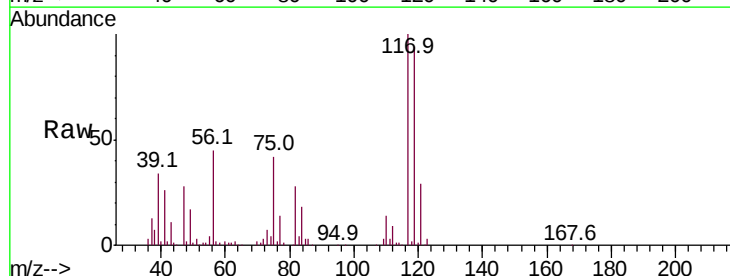
Delta R.T. -0.00 min

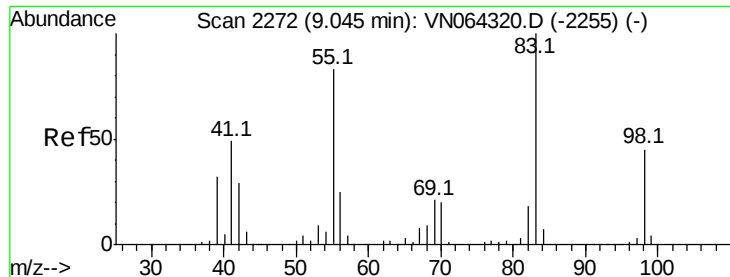
Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion: 117 Resp: 267593

Ion	Ratio	Lower	Upper
117	100		
119	94.2	73.7	110.5
121	29.3	22.8	34.2

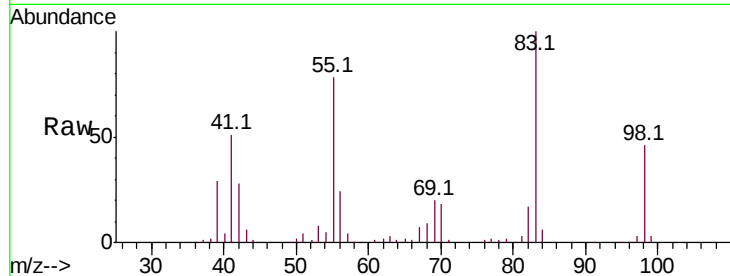




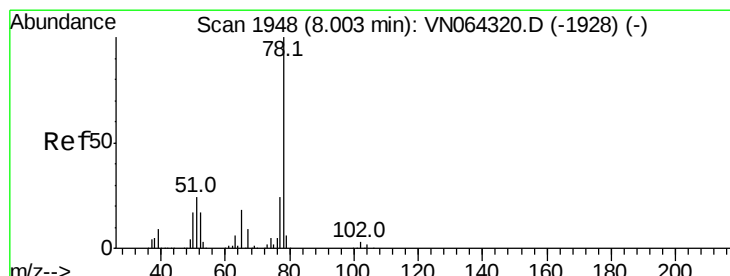
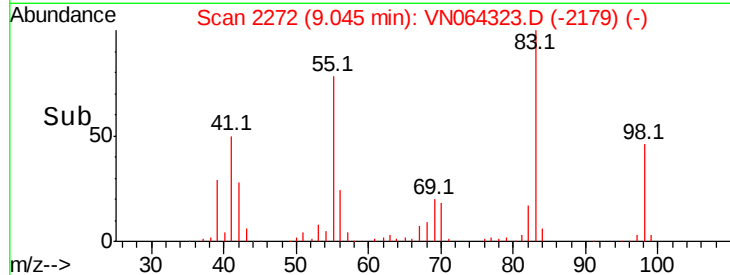
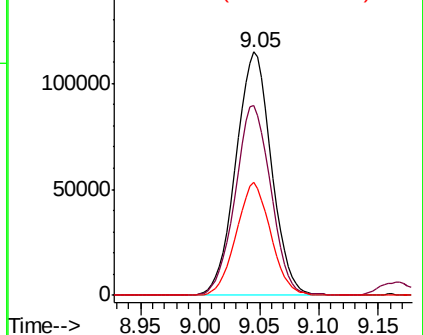
#39
Methvlcvclohexane
Concen: 55.524 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

Tot Ion: 83 Resp: 237963
Ion Ratio Lower Upper
83 100
55 77.7 66.2 99.4
98 46.4 36.0 54.0

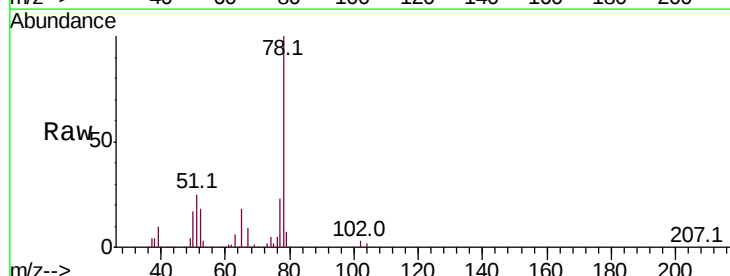


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

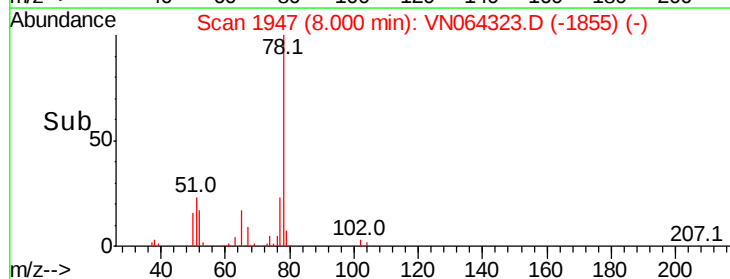
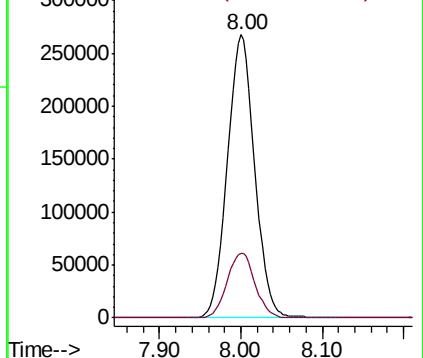


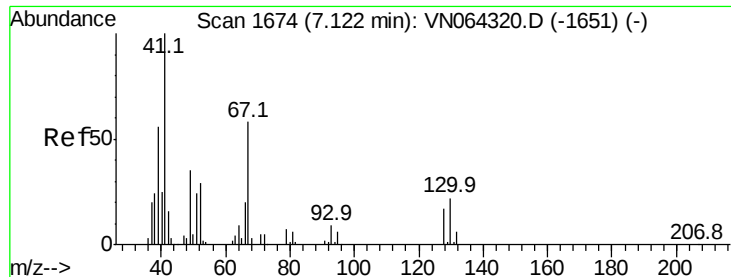
#40
Benzene
Concen: 52.204 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion: 78 Resp: 628075
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

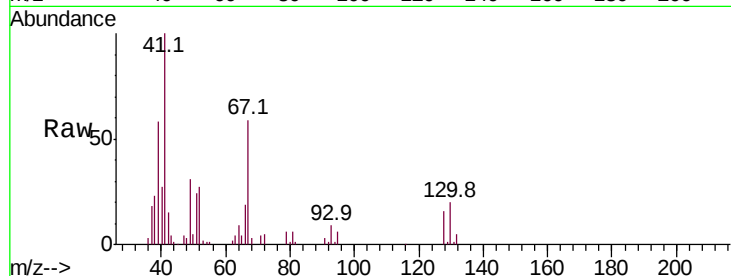




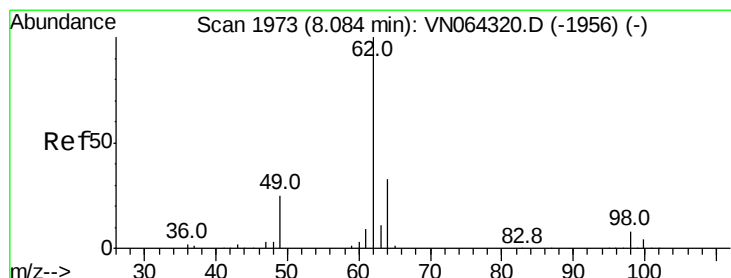
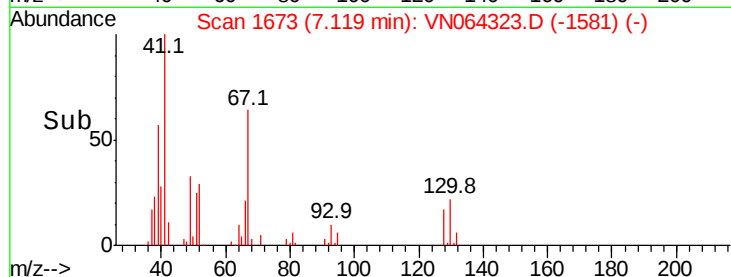
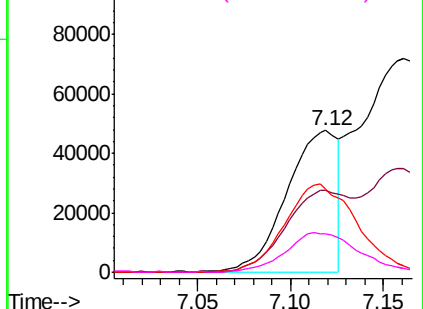
#41
Methacrylonitrile
Concen: 41.561 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampled :
ICVVN102720

Tot Ion: 41 Resp: 90074
Ion Ratio Lower Upper
41 100
39 76.0 48.6 72.8#
67 89.8 61.4 92.2
52 40.9 27.6 41.4

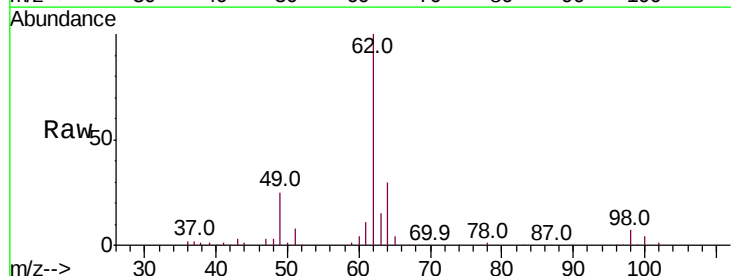


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

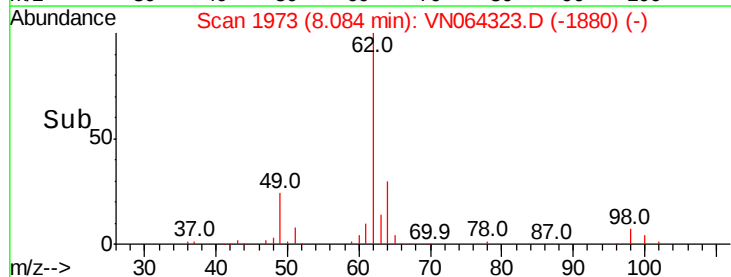
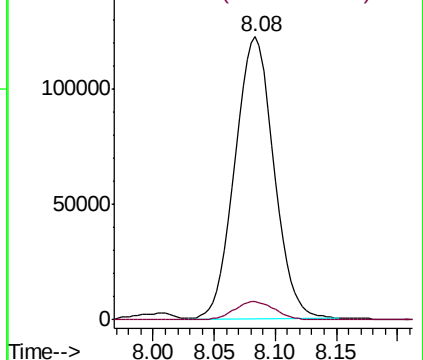


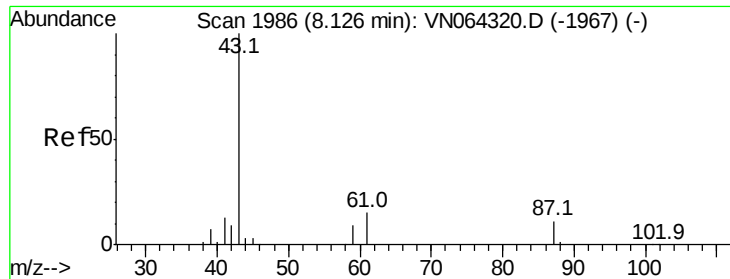
#42
1,2-Dichloroethane
Concen: 52.154 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion: 62 Resp: 271051
Ion Ratio Lower Upper
62 100
98 6.9 0.0 14.2



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 51.748 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102720

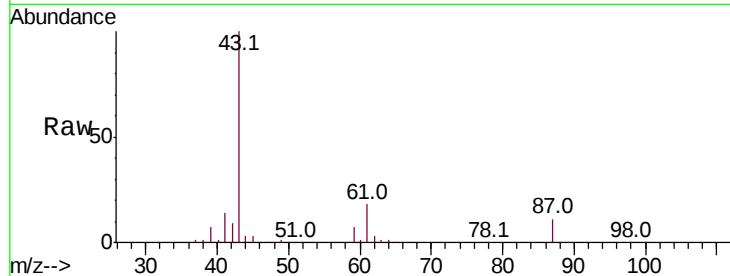
Tot Ion: 43 Resp: 386204

Ion Ratio Lower Upper

43 100

61 17.4 19.1 28.7#

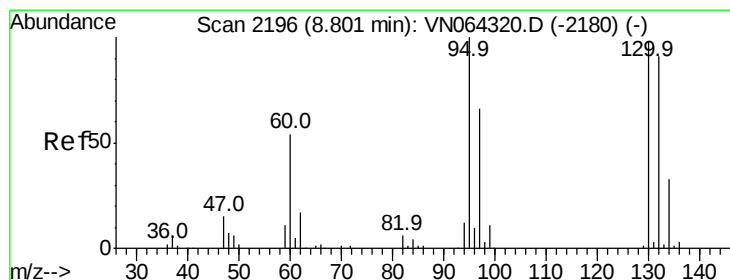
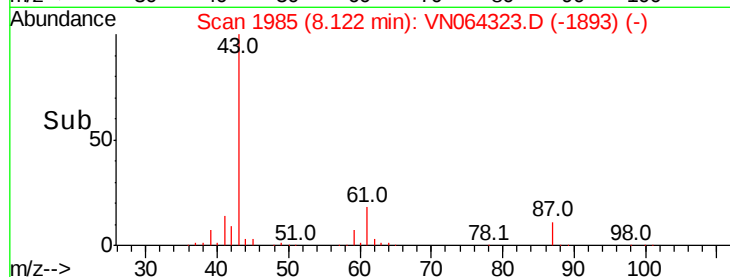
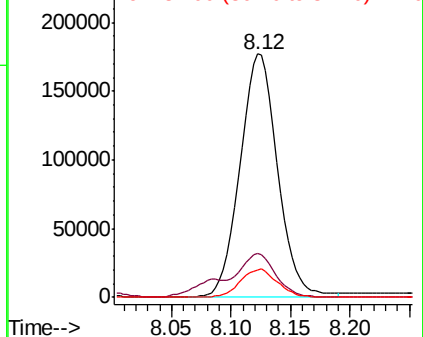
87 11.5 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 55.381 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064323.D

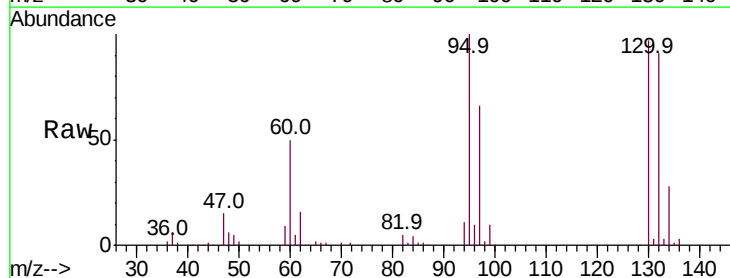
Acq: 27 Oct 2020 13:22

Tgt Ion:130 Resp: 174546

Ion Ratio Lower Upper

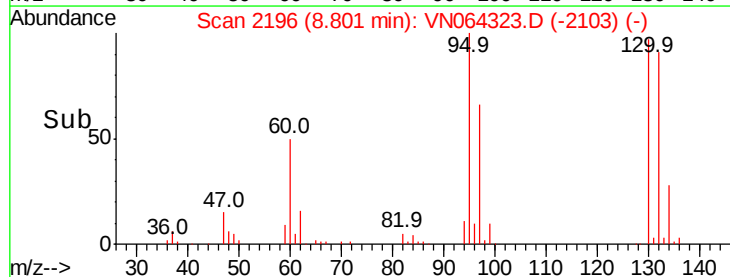
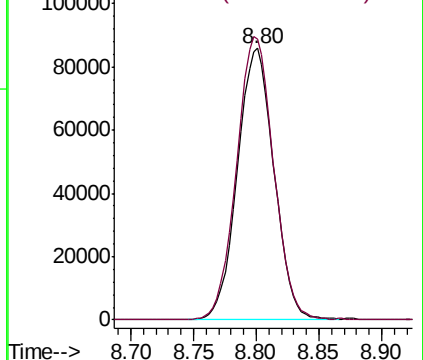
130 100

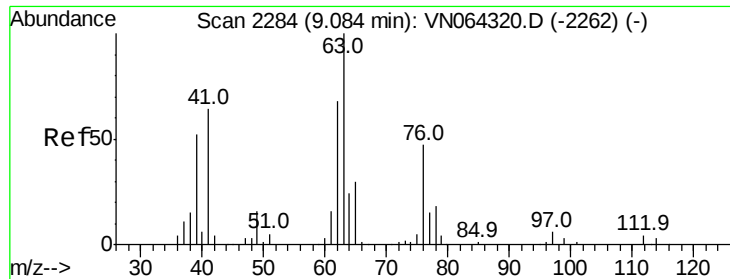
95 103.5 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 51.397 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

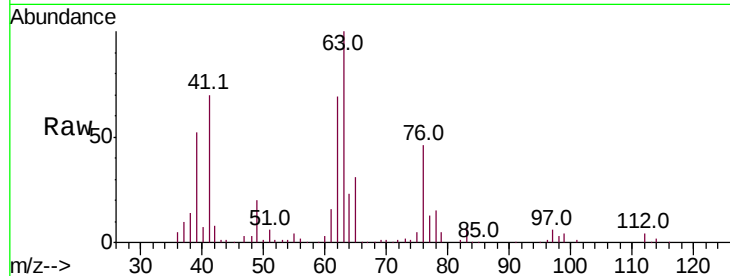
ICVFN102720

Tot Ion: 63 Resp: 165588

Ion Ratio Lower Upper

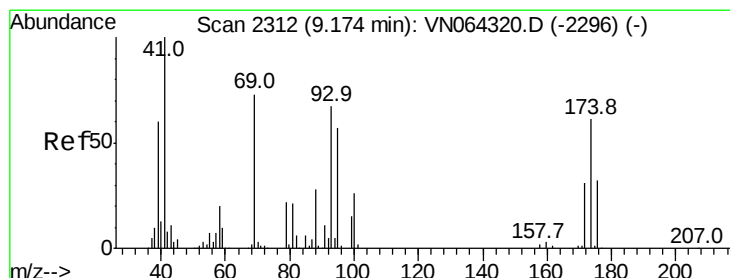
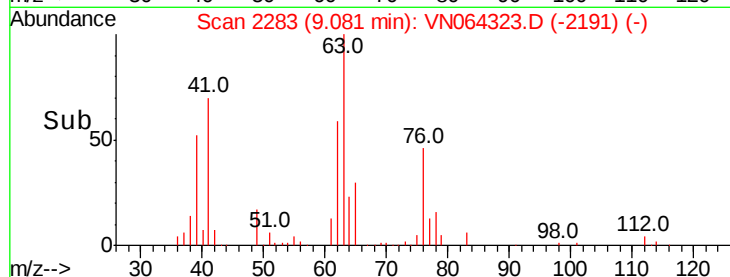
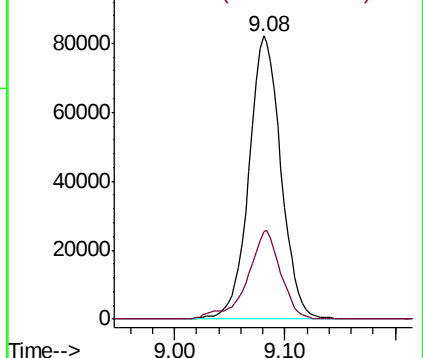
63 100

65 31.0 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 53.226 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

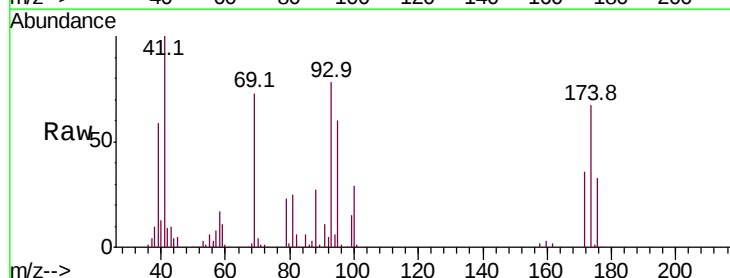
Tgt Ion: 93 Resp: 119965

Ion Ratio Lower Upper

93 100

95 80.3 64.4 96.6

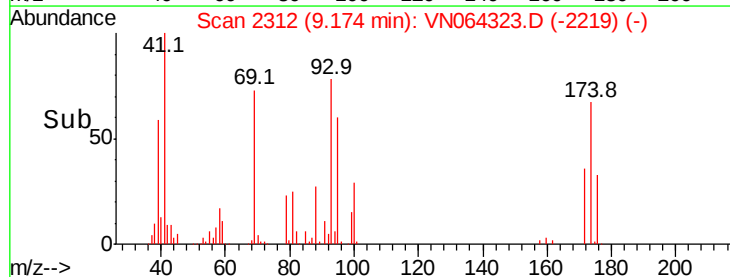
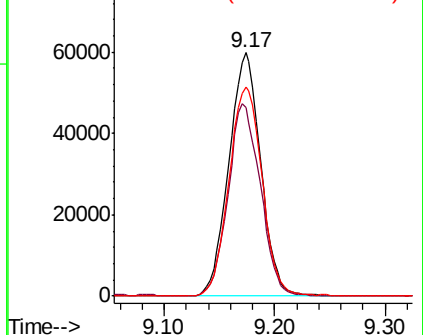
174 89.2 71.4 107.0

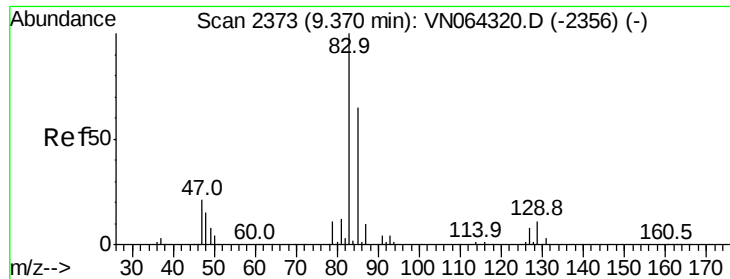


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.398 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102720

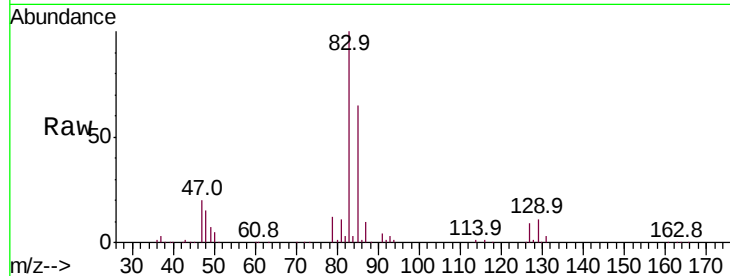
Tot Ion: 83 Resp: 251738

Ion Ratio Lower Upper

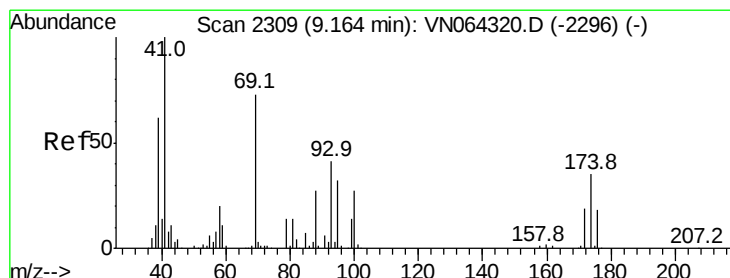
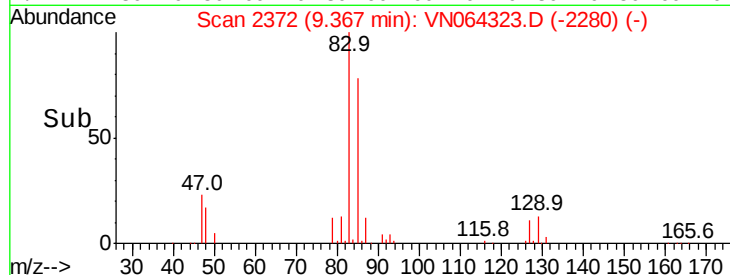
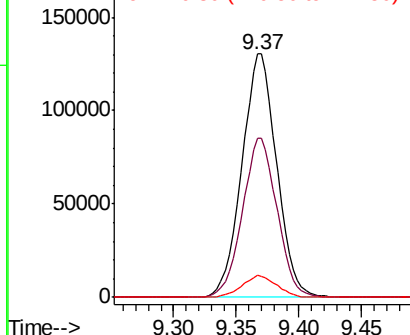
83 100

85 65.4 52.1 78.1

127 8.9 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 49.932 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

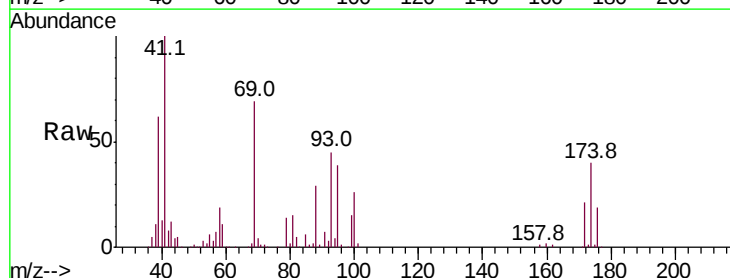
Tgt Ion: 41 Resp: 192267

Ion Ratio Lower Upper

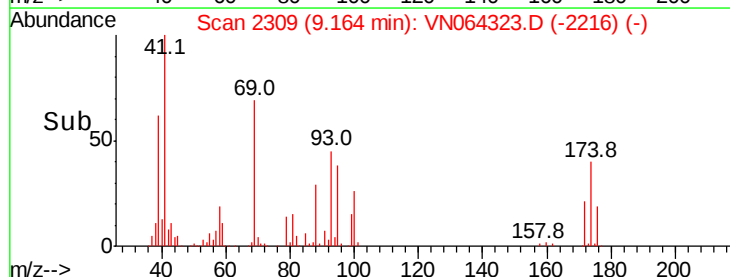
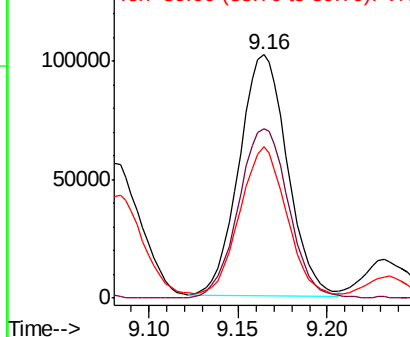
41 100

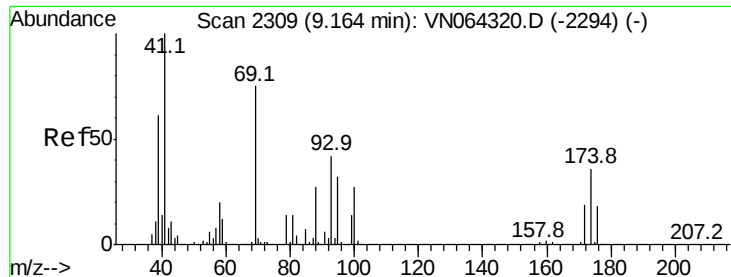
69 73.0 59.1 88.7

39 61.8 51.3 76.9



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

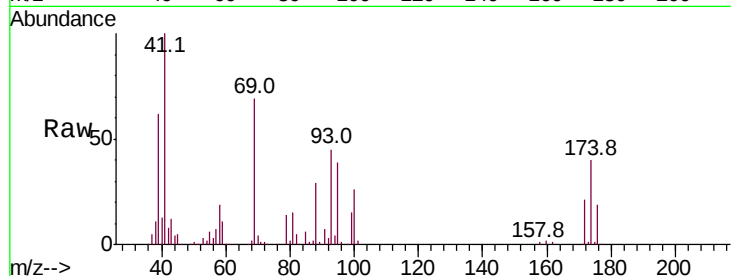




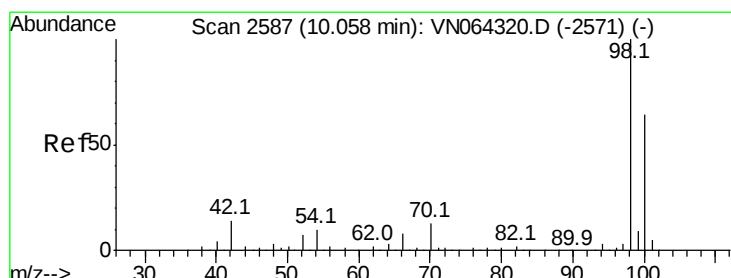
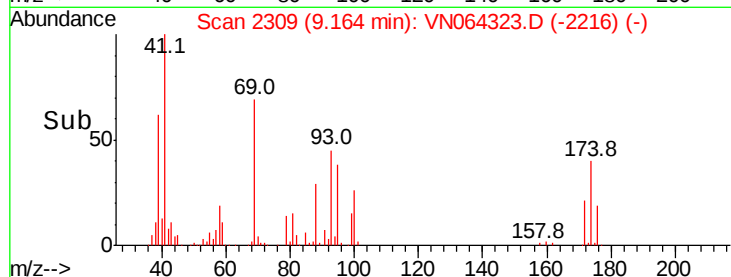
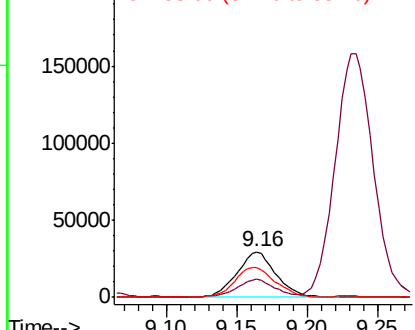
#49
1,4-Dioxane
Concen: 1006.596 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampleId :
ICVFN102720

Tot Ion: 88 Resp: 57129
Ion Ratio Lower Upper
88 100
43 36.8 31.8 47.8
58 68.3 60.3 90.5

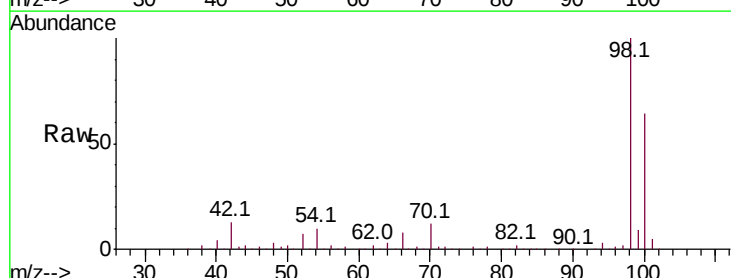


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

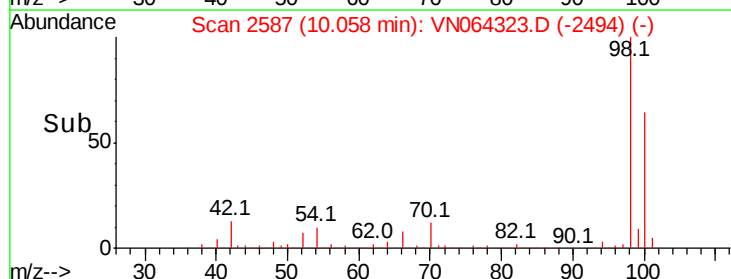
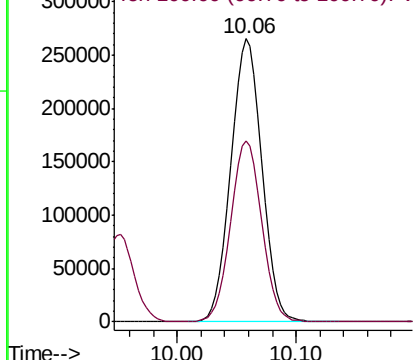


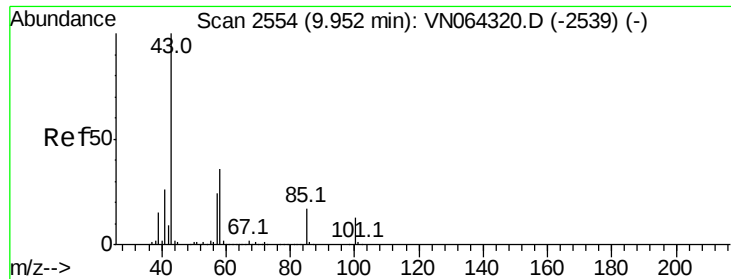
#50
Toluene-d8
Concen: 45.576 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion: 98 Resp: 481472
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 253.299 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

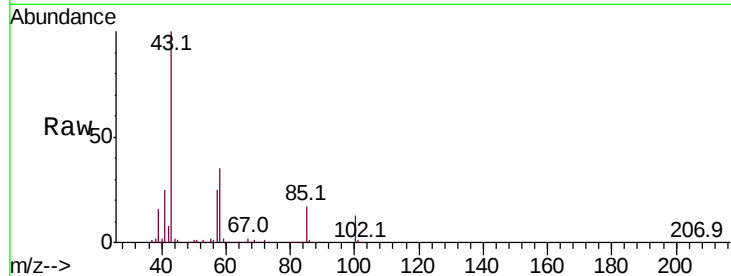
ICV0102720

Tot Ion: 43 Resp: 1098874

Ion Ratio Lower Upper

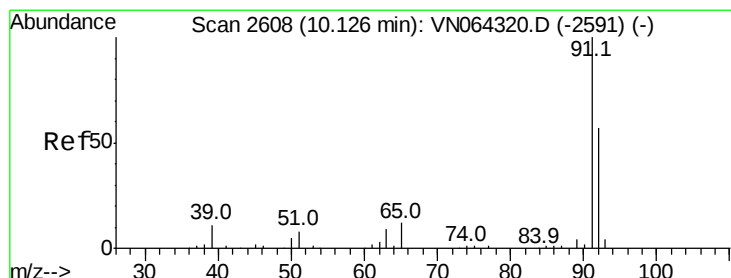
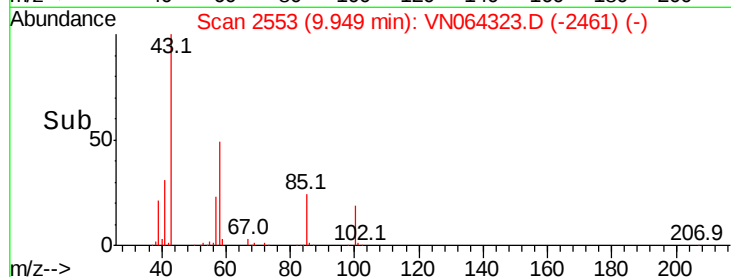
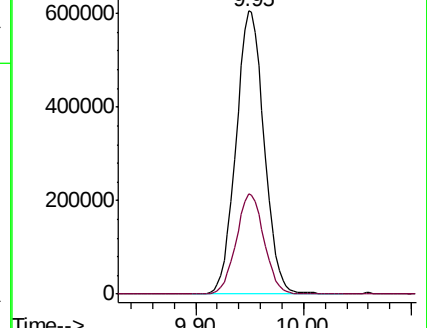
43 100

58 35.2 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 52.809 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064323.D

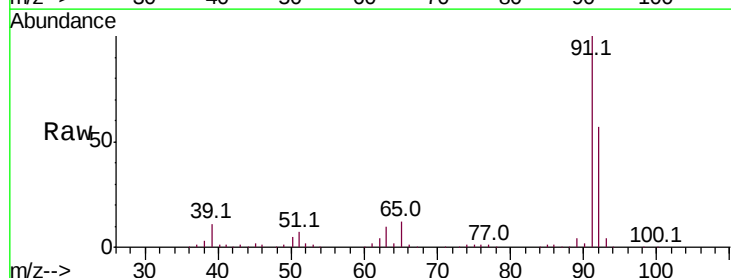
Acq: 27 Oct 2020 13:22

Tgt Ion: 92 Resp: 400924

Ion Ratio Lower Upper

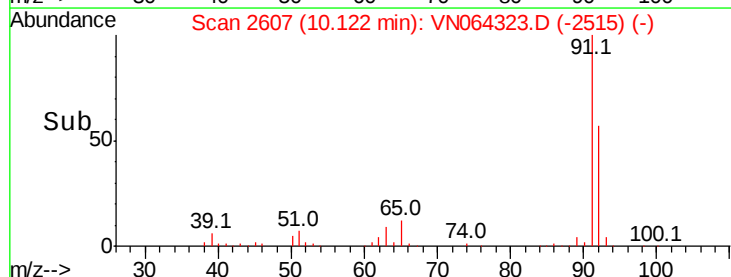
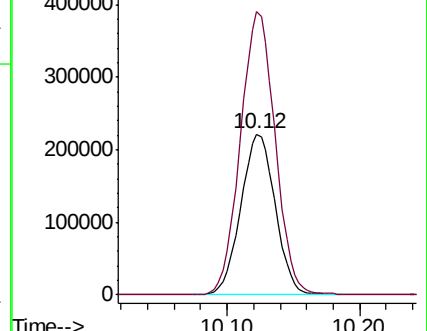
92 100

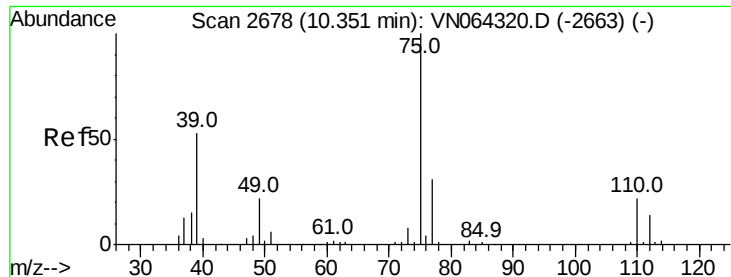
91 177.3 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 54.111 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

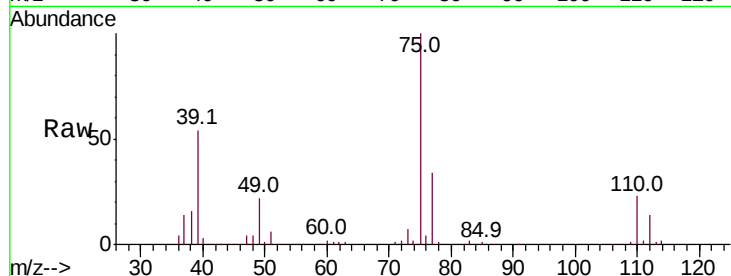
ICVNN102720

Tot Ion: 75 Resp: 285787

Ion Ratio Lower Upper

75 100

77 33.4 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

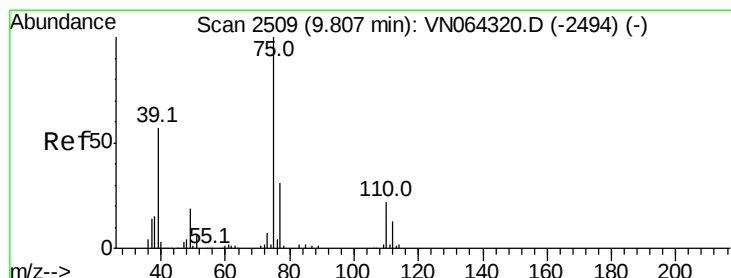
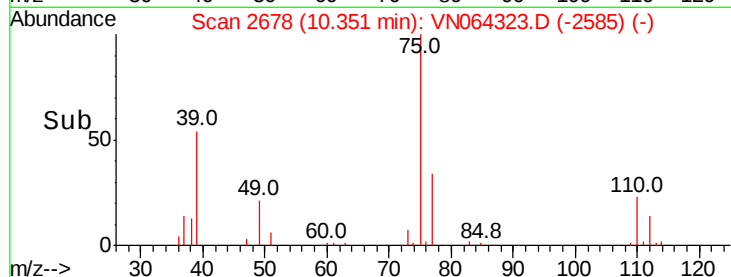
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.556 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

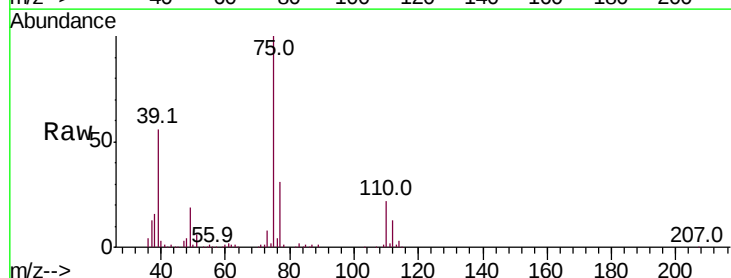
Tgt Ion: 75 Resp: 296603

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

39 56.4 45.5 68.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

200000

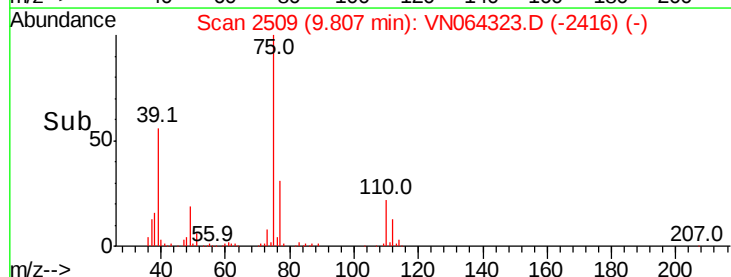
150000

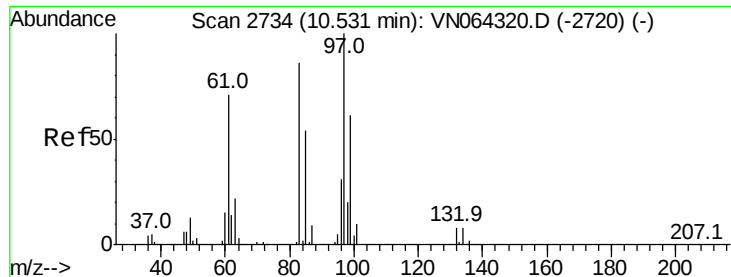
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 51.689 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102720

Tot Ion: 97 Resp: 154900

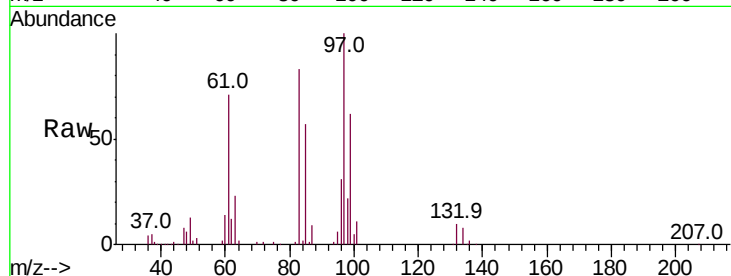
Ion	Ratio	Lower	Upper
97	100		
83	83.3	68.9	103.3
85	56.8	43.6	65.4
99	62.3	49.2	73.8

97 100

83 83.3 68.9 103.3

85 56.8 43.6 65.4

99 62.3 49.2 73.8



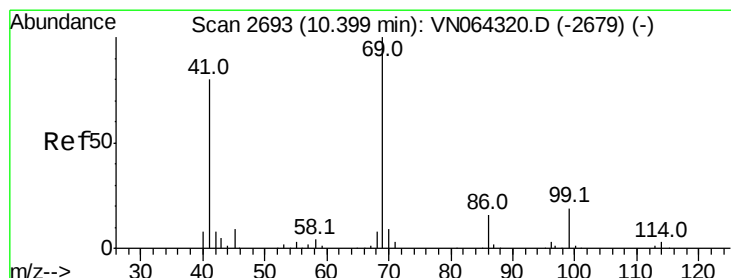
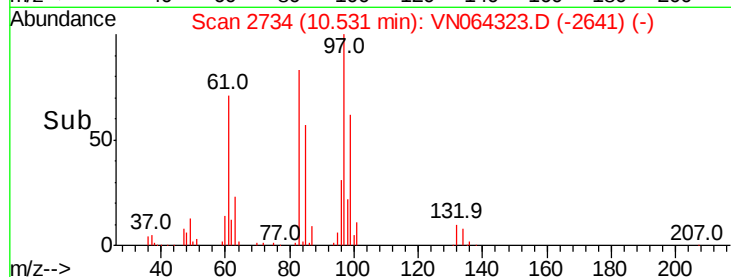
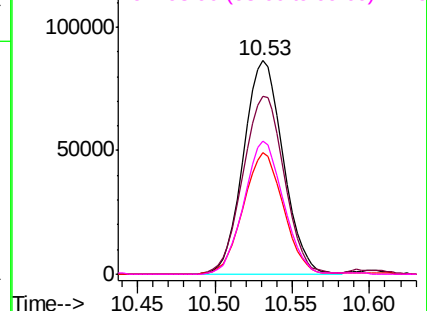
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 53.788 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

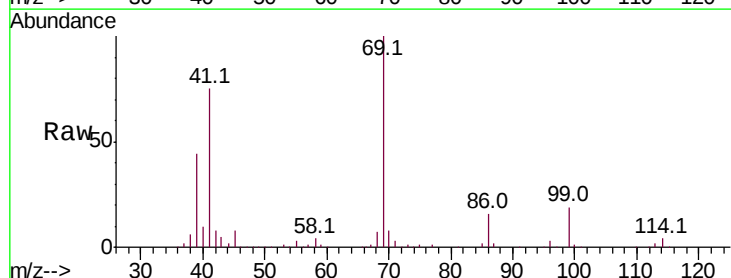
Tgt Ion: 69 Resp: 244005

Ion	Ratio	Lower	Upper
69	100		
41	74.1	61.4	92.2
39	43.8	36.5	54.7

69 100

41 74.1 61.4 92.2

39 43.8 36.5 54.7

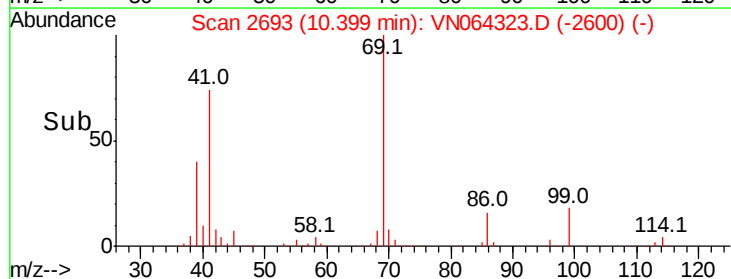
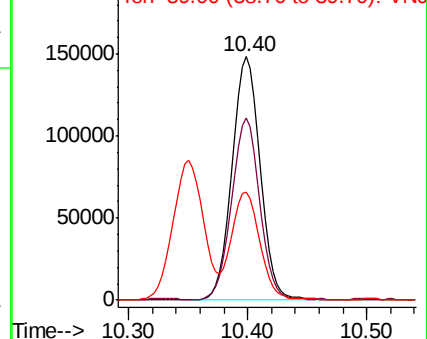


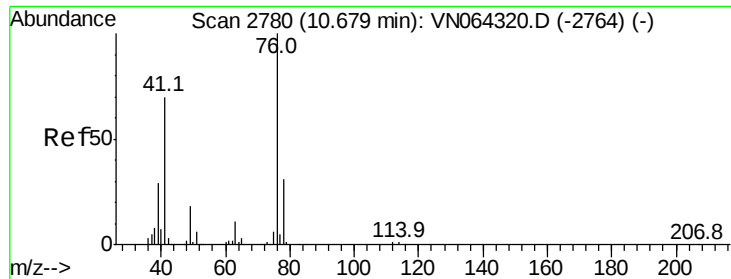
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 53.115 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

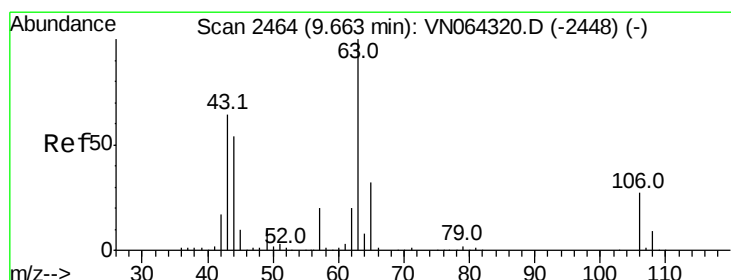
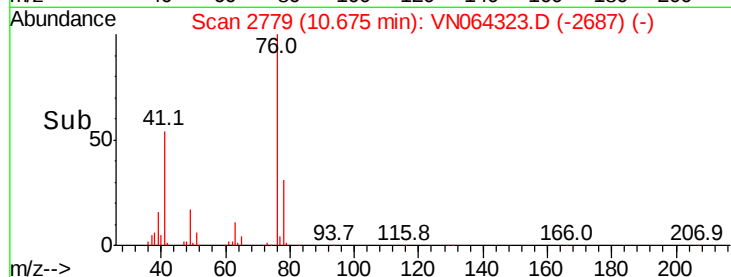
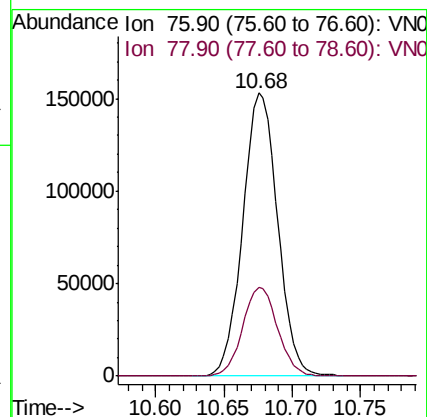
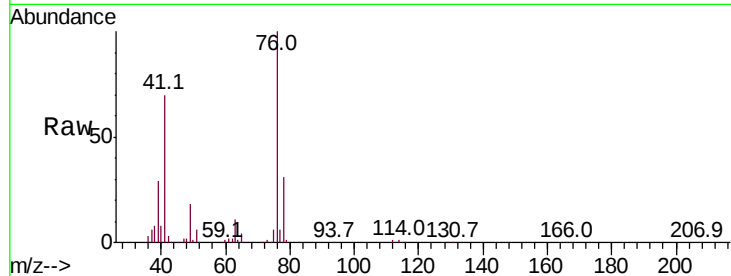
ICVFN102720

Tot Ion: 76 Resp: 271524

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 222.637 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064323.D

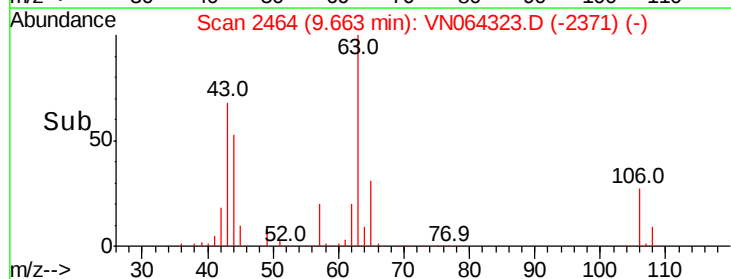
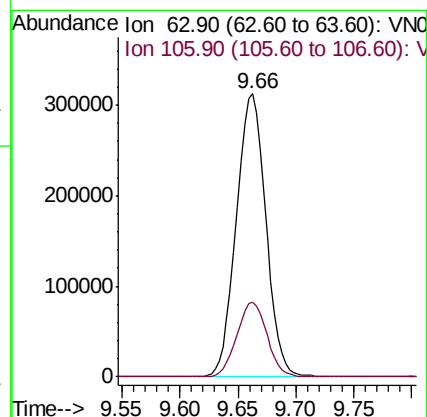
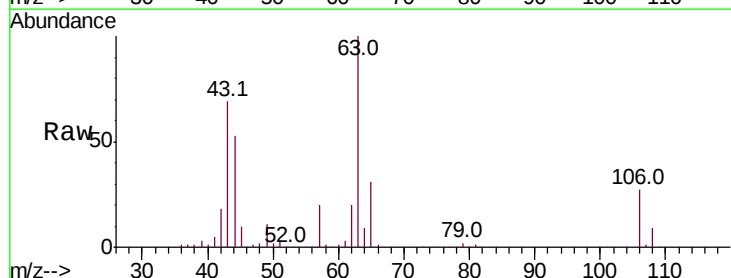
Acq: 27 Oct 2020 13:22

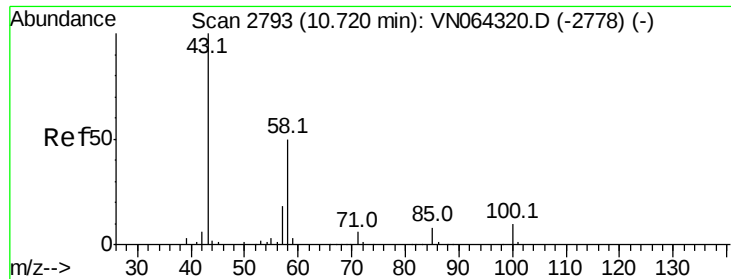
Tgt Ion: 63 Resp: 551137

Ion Ratio Lower Upper

63 100

106 27.1 21.0 31.4

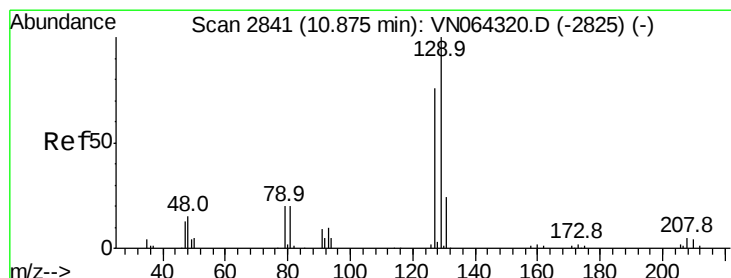
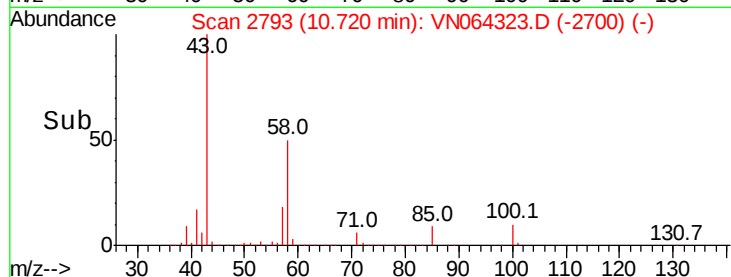
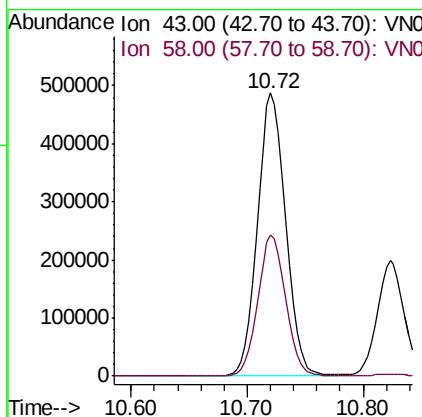
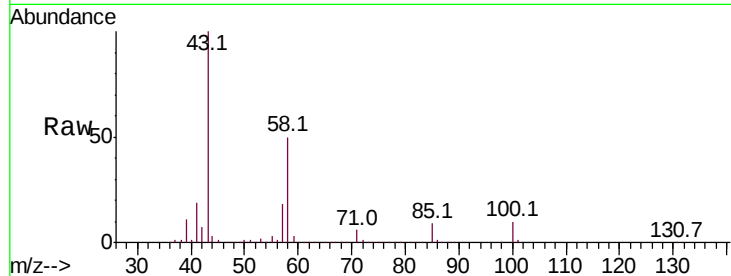




#59
2-Hexanone
Concen: 258.264 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

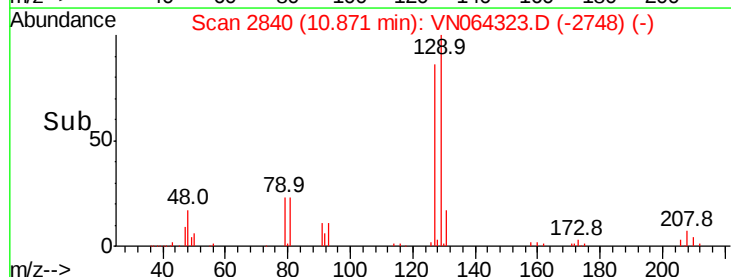
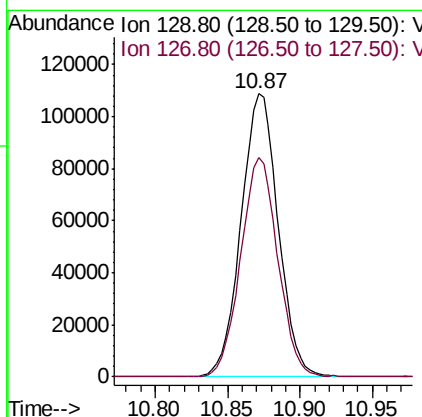
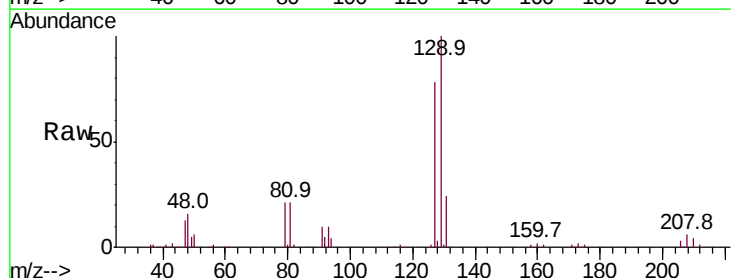
Instrument :
MSVOA_N
ClientSampled :
ICVVN102720

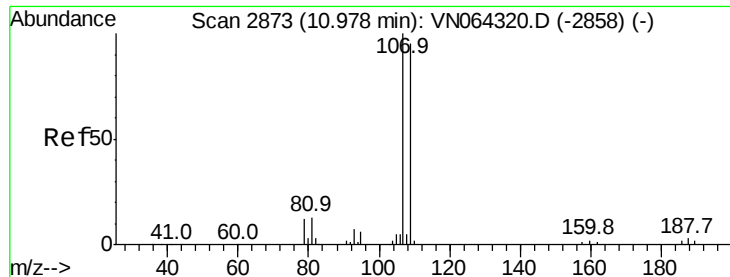
Tot Ion: 43 Resp: 825185
Ion Ratio Lower Upper
43 100
58 49.3 25.0 75.0



#60
Dibromochloromethane
Concen: 54.721 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion: 129 Resp: 193891
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3

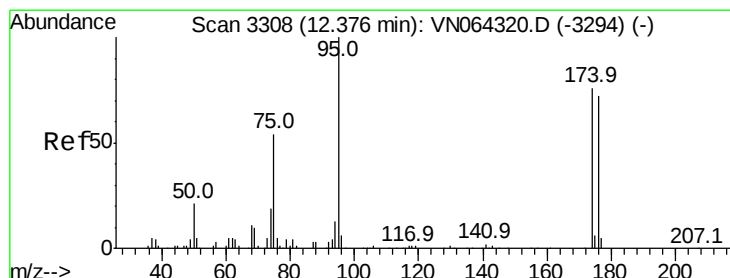
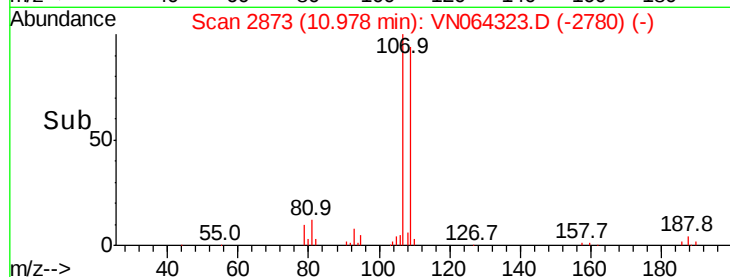
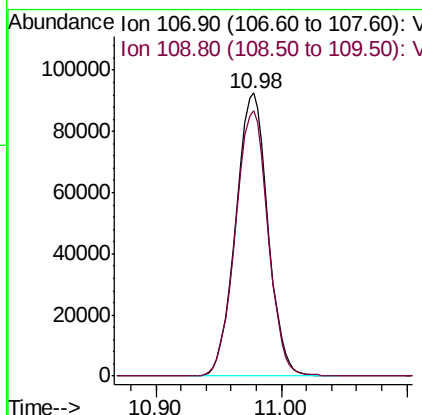
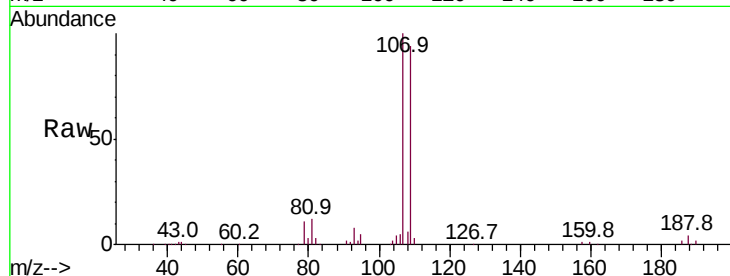




#61
 1,2-Dibromoethane
 Concen: 53.972 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

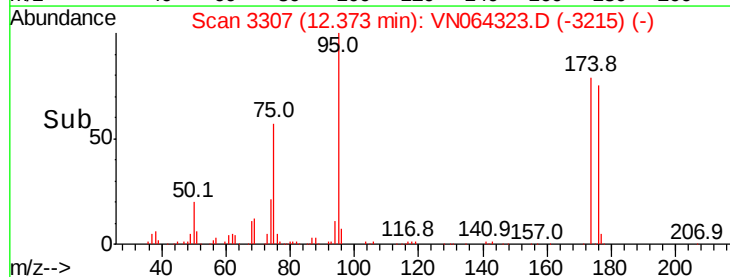
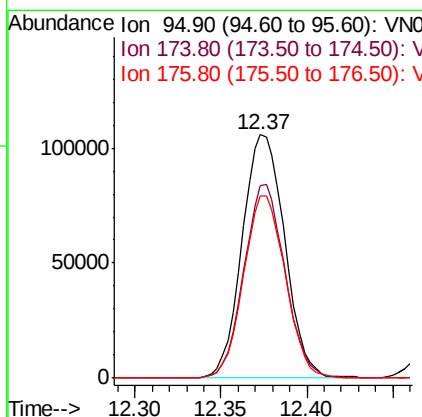
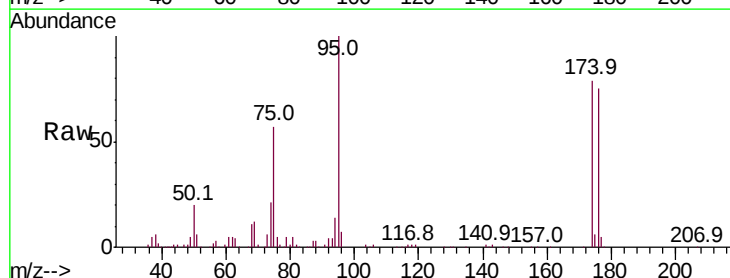
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

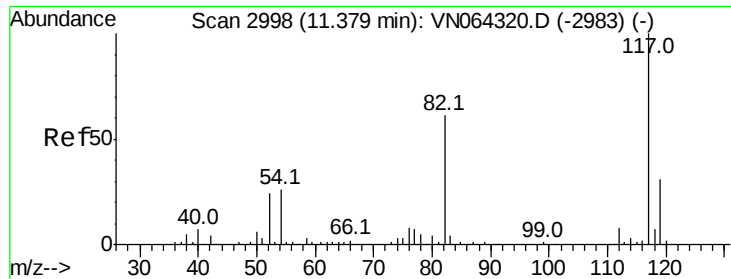
Tot Ion:107 Resp: 164806
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 44.111 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion: 95 Resp: 181691
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 147.4
 176 73.6 0.0 143.6

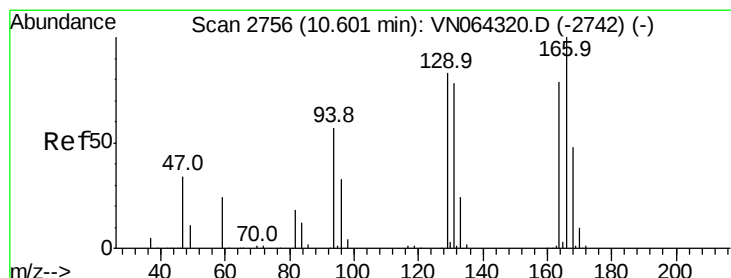
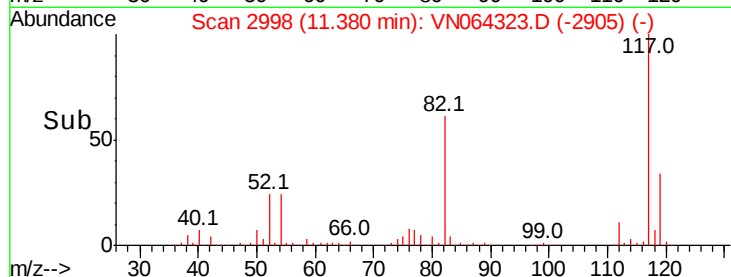
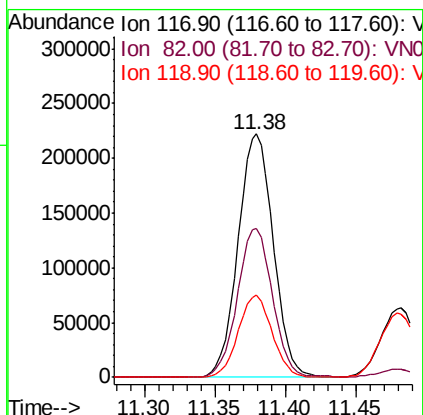
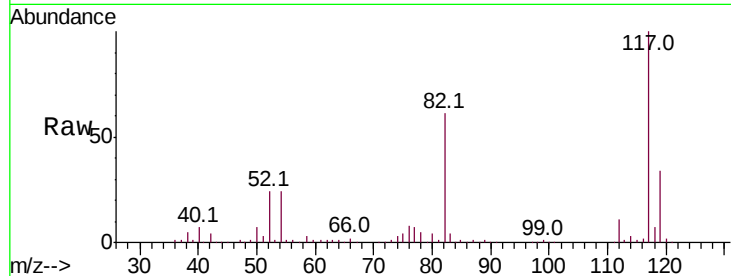




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

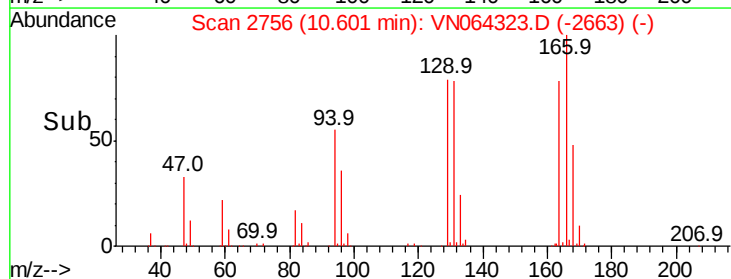
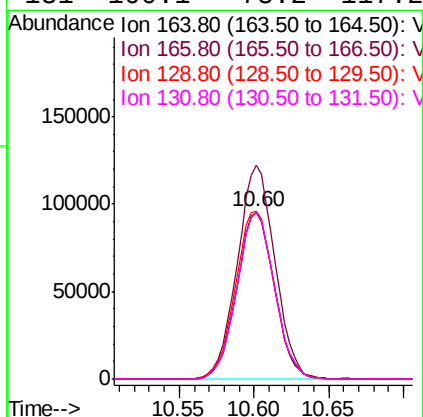
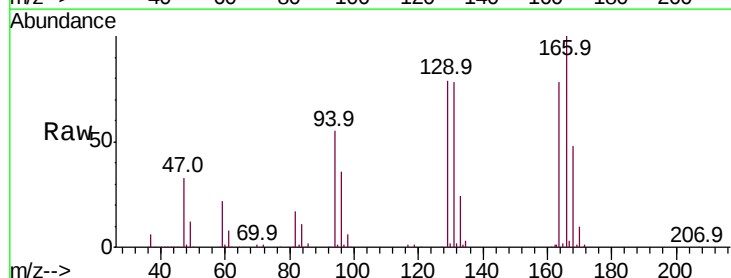
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

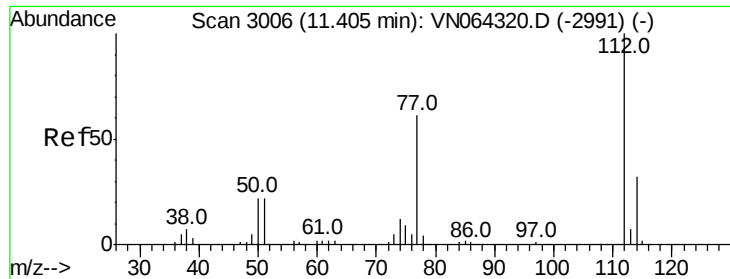
Tot Ion:117 Resp: 389945
Ion Ratio Lower Upper
117 100
82 61.4 48.8 73.2
119 33.6 25.1 37.7



#64
Tetrachloroethene
Concen: 52.137 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion:164 Resp: 167096
Ion Ratio Lower Upper
164 100
166 128.2 100.7 151.1
129 101.0 83.7 125.5
131 100.1 78.2 117.2

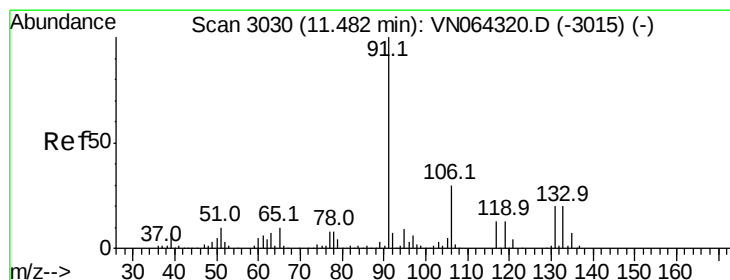
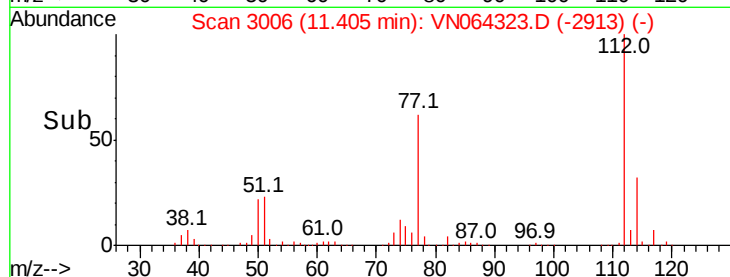
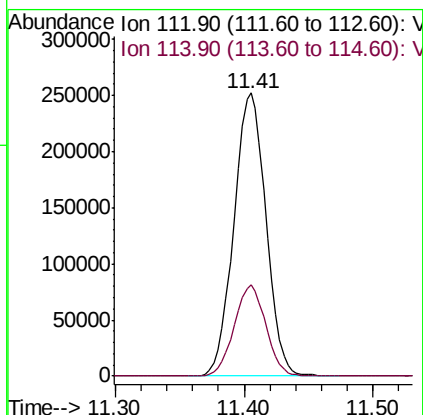
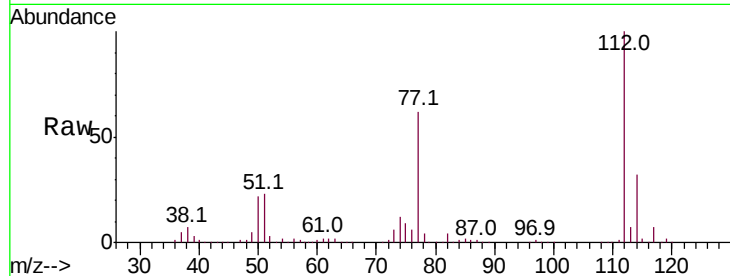




#65
Chlorobenzene
Concen: 55.086 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

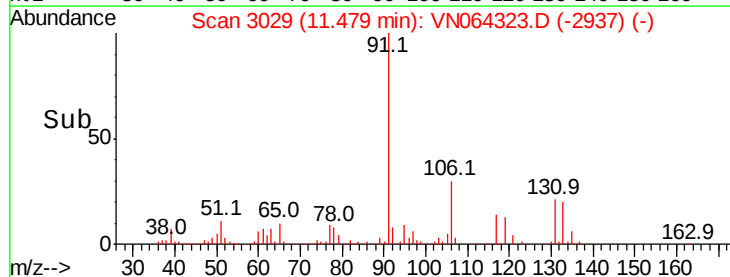
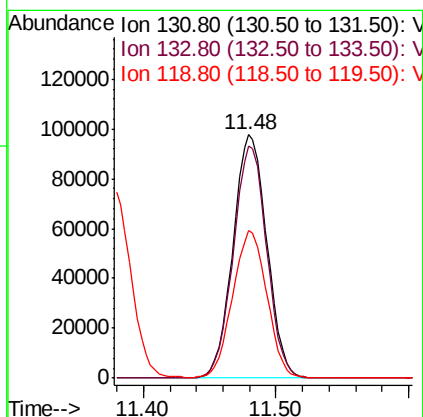
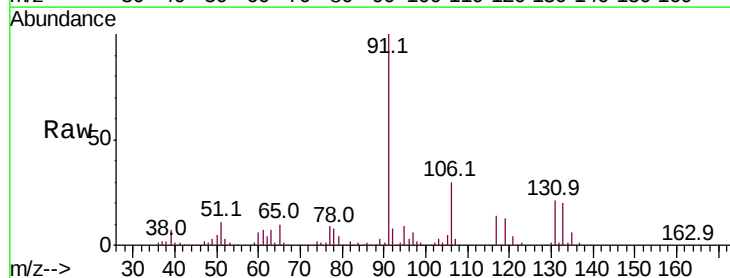
Instrument :
MSVOA_N
ClientSampled :
ICVFN102720

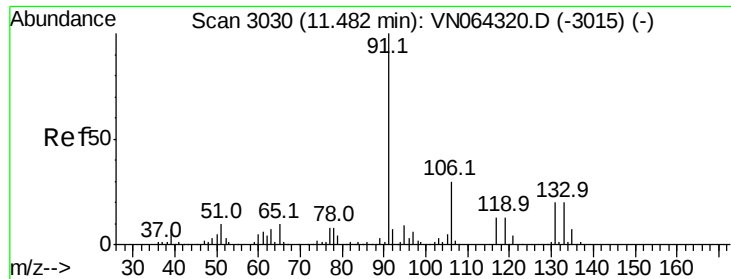
Tot Ion:112 Resp: 435487
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 54.105 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion:131 Resp: 172880
Ion Ratio Lower Upper
131 100
133 94.3 49.3 147.8
119 61.6 32.3 96.9

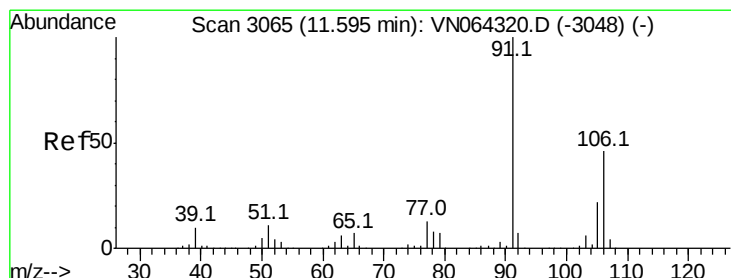
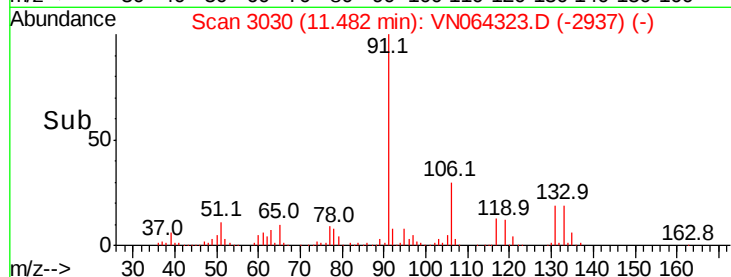
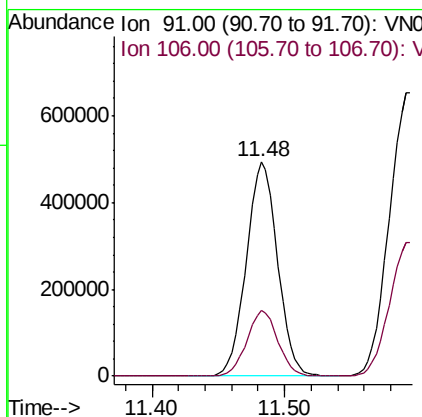
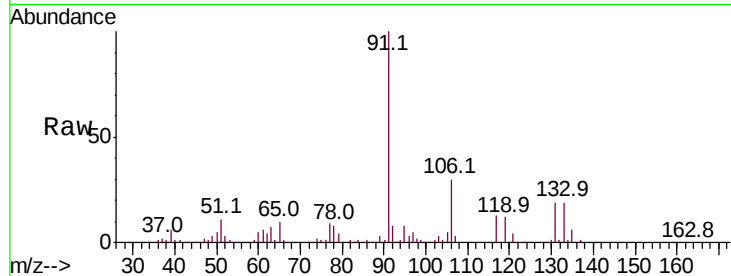




#67
Ethyl Benzene
Concen: 55.045 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

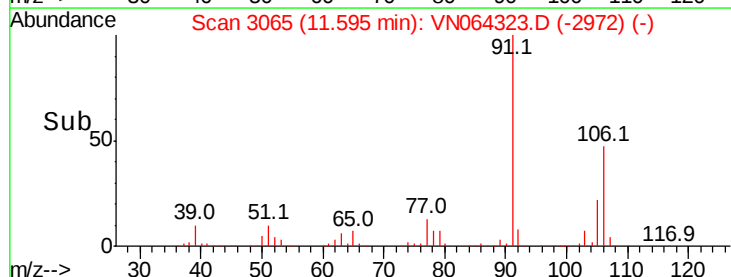
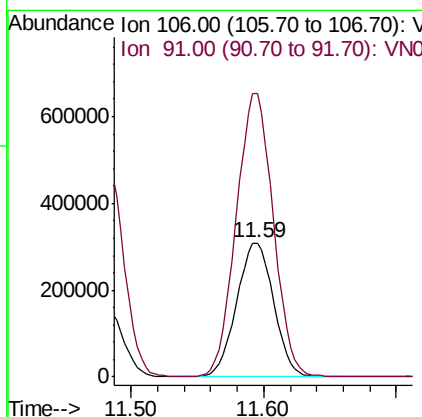
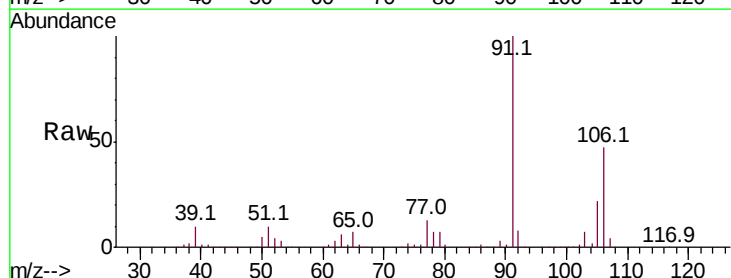
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

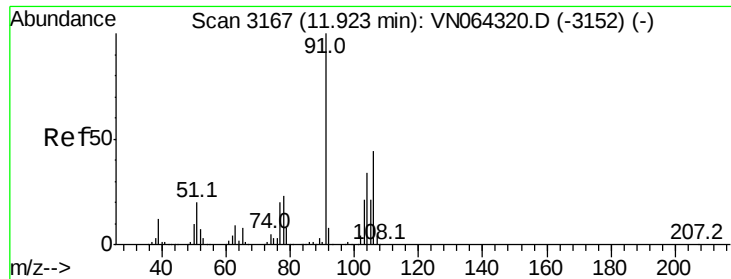
Tot Ion: 91 Resp: 809023
Ion Ratio Lower Upper
91 100
106 30.5 23.7 35.5



#68
m/p-Xylenes
Concen: 109.586 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion: 106 Resp: 596885
Ion Ratio Lower Upper
106 100
91 212.0 170.2 255.4

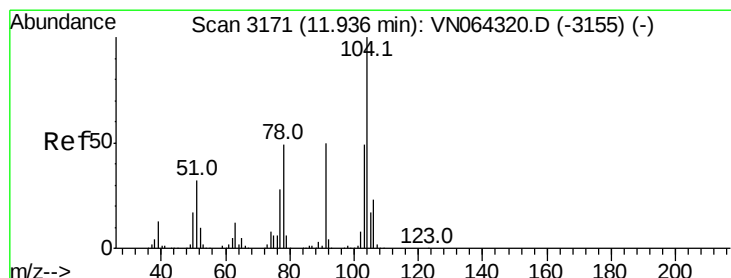
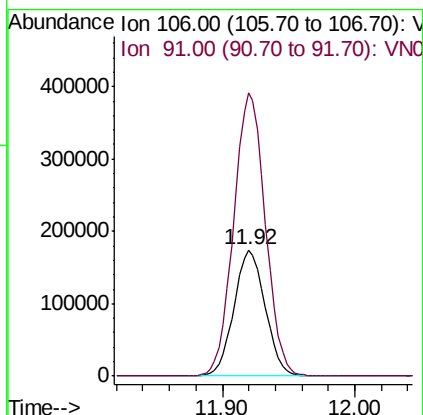
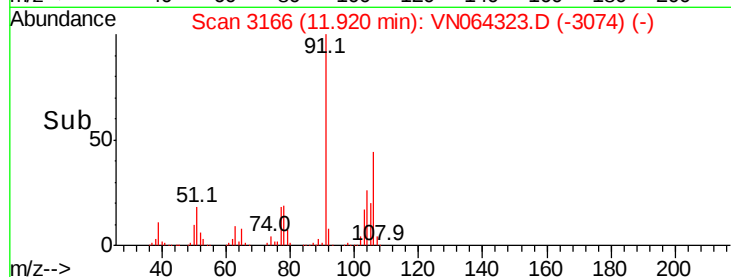
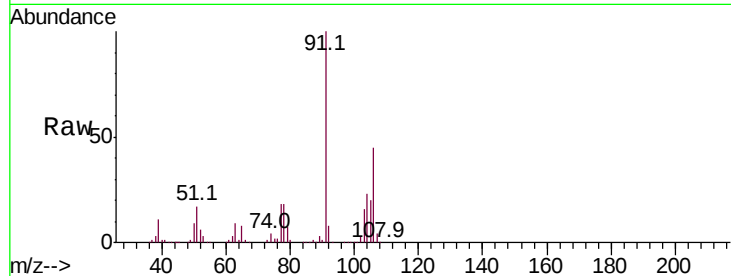




#69
o-Xylene
Concen: 54.341 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

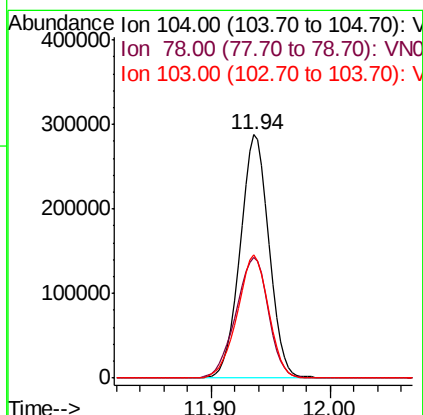
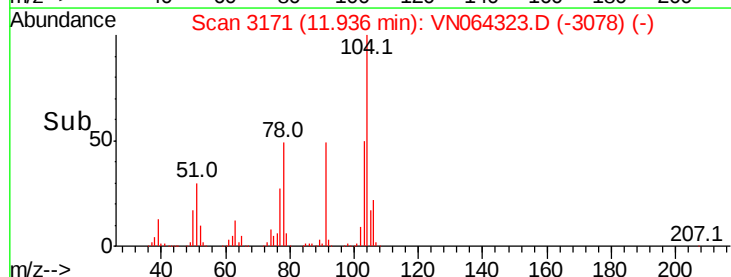
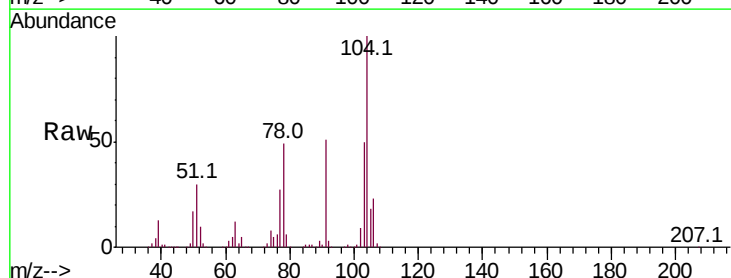
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

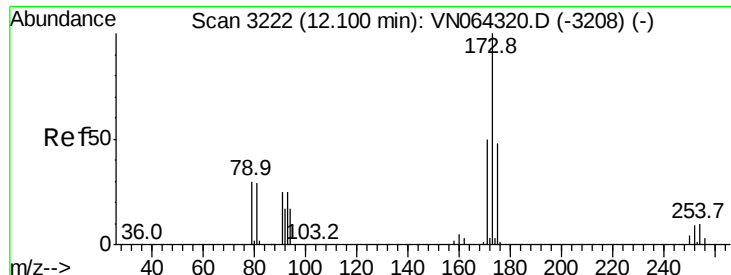
Tot Ion:106 Resp: 285152
Ion Ratio Lower Upper
106 100
91 226.9 114.5 343.5



#70
Styrene
Concen: 56.238 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion:104 Resp: 483851
Ion Ratio Lower Upper
104 100
78 56.0 43.7 65.5
103 54.7 43.3 64.9

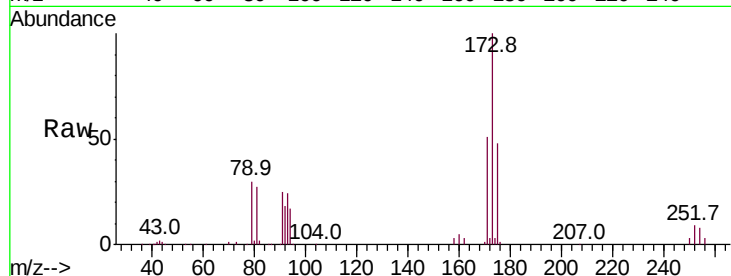




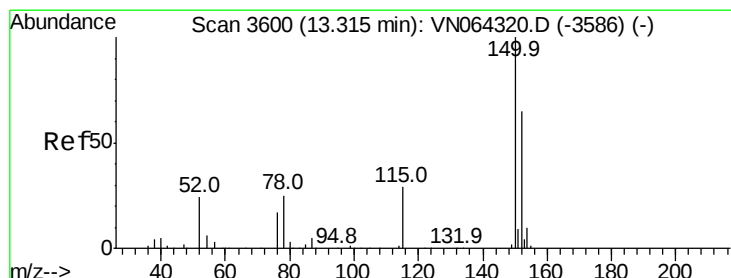
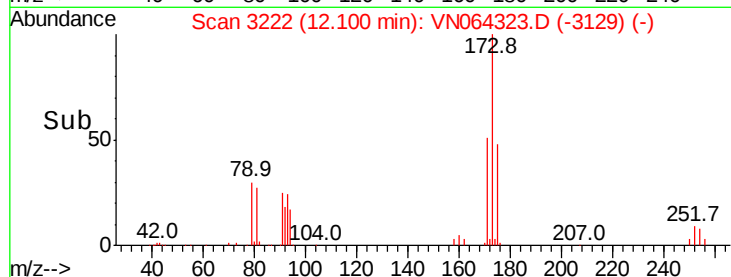
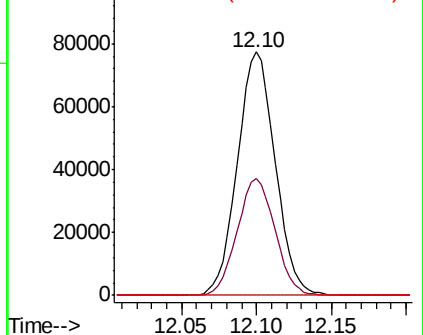
#71
Bromoform
Concen: 54.310 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampled :
ICVFN102720

Tot Ion:173 Resp: 136200
Ion Ratio Lower Upper
173 100
175 47.9 25.4 76.0
254 0.0 0.0 0.0

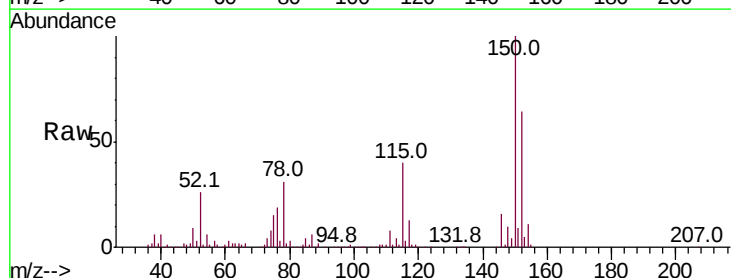


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

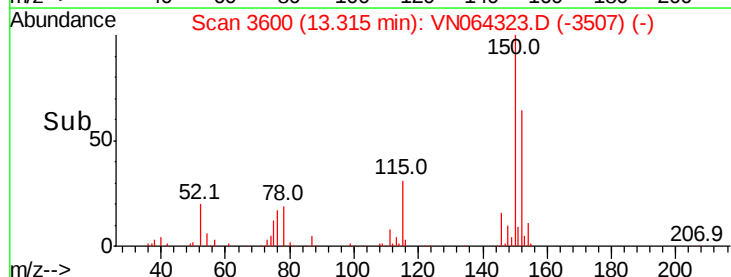
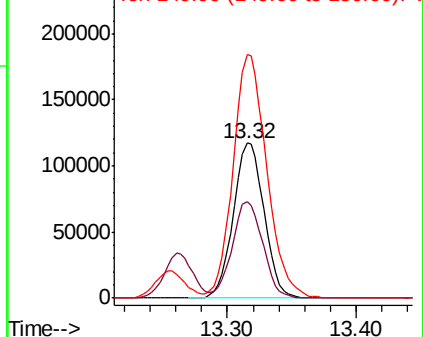


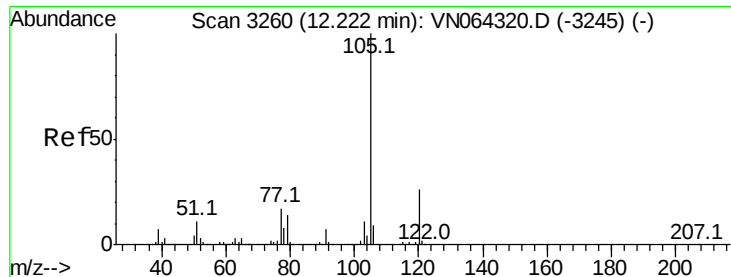
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion:152 Resp: 193683
Ion Ratio Lower Upper
152 100
115 61.4 31.5 94.5
150 171.8 0.0 346.2



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: 53.289 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampled :

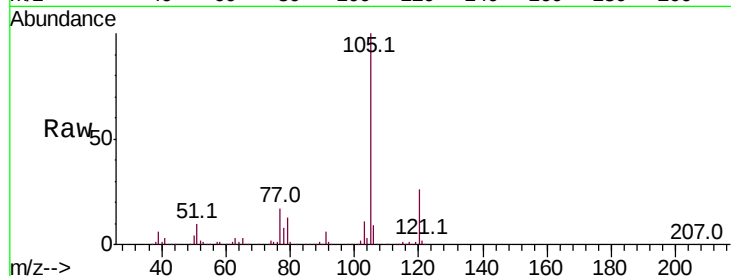
ICVFN102720

Tot Ion:105 Resp: 773022

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

500000

400000

300000

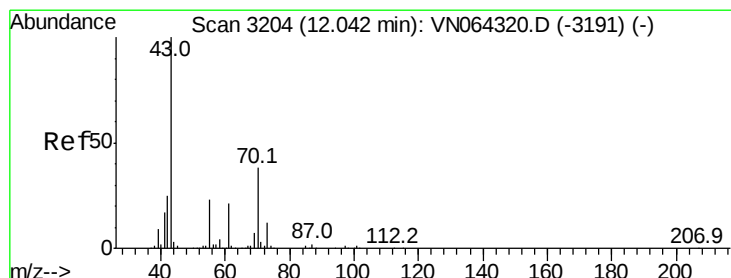
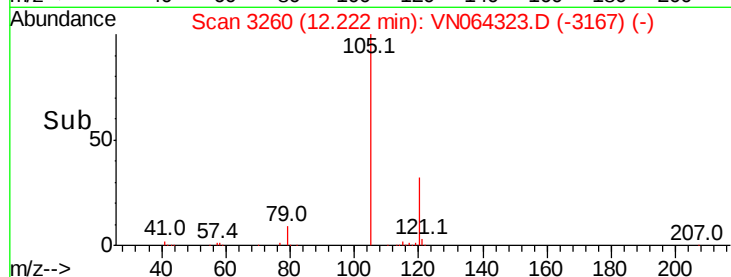
200000

100000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 51.998 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion: 43 Resp: 332014

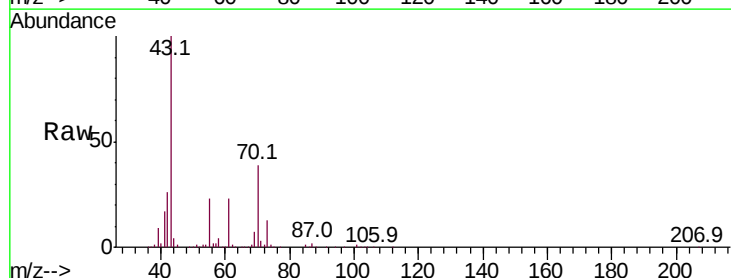
Ion Ratio Lower Upper

43 100

70 39.0 30.6 45.8

55 22.8 18.2 27.4

61 22.4 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

300000

250000

200000

150000

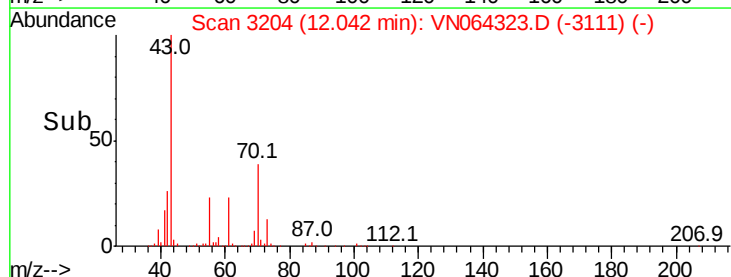
100000

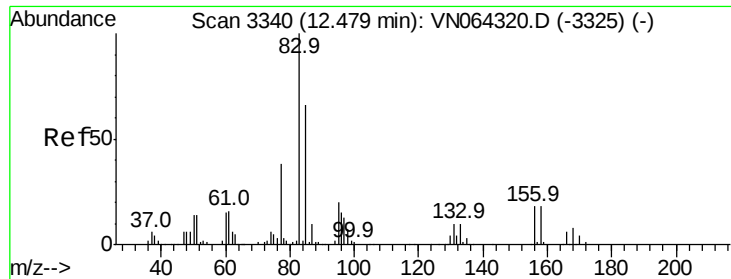
50000

0

Time-->

12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 49.058 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102720

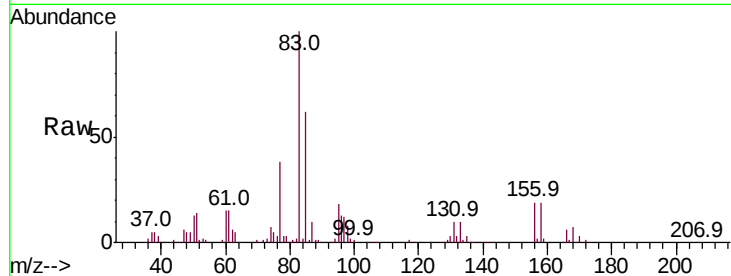
Tot Ion: 83 Resp: 206859

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

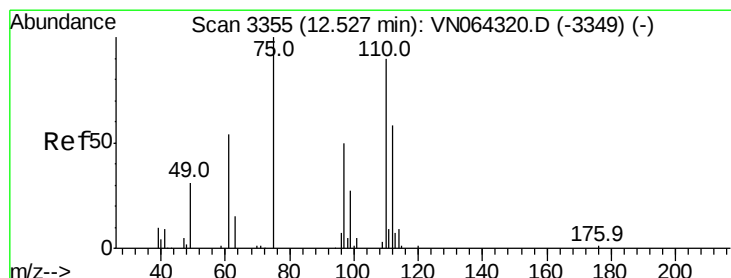
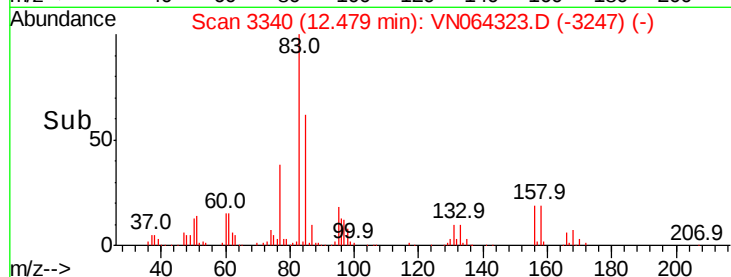
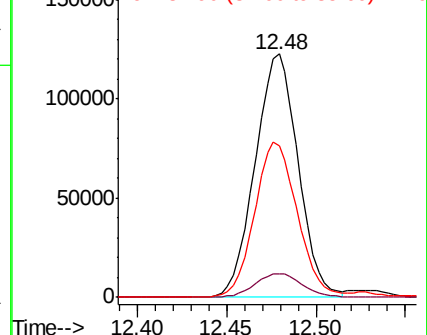
85 63.4 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 68.570 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064323.D

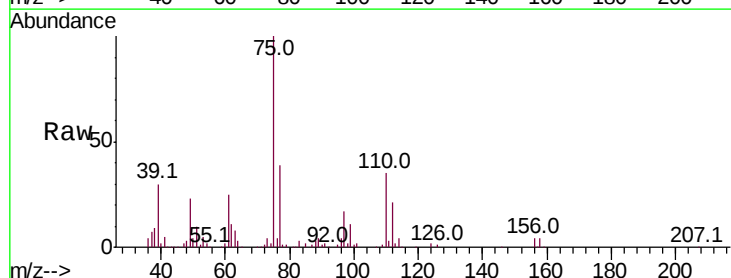
Acq: 27 Oct 2020 13:22

Tgt Ion: 75 Resp: 318040

Ion Ratio Lower Upper

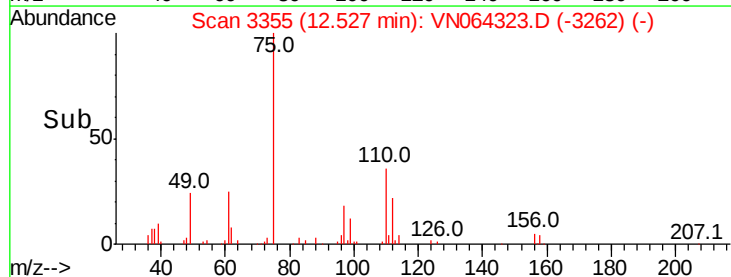
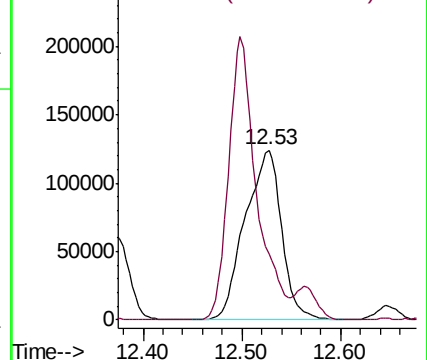
75 100

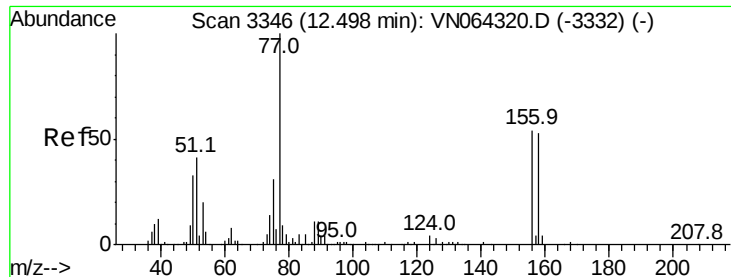
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 52.662 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampled :

ICVVN102720

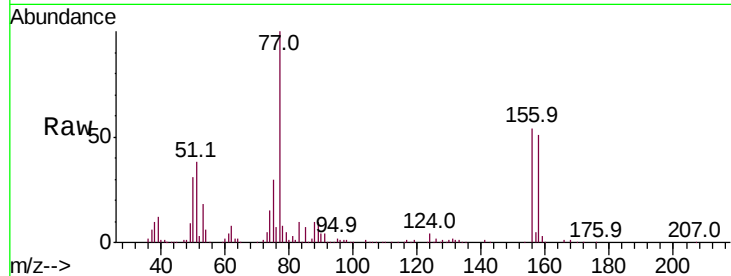
Tot Ion:156 Resp: 187063

Ion Ratio Lower Upper

156 100

77 220.5 111.9 335.7

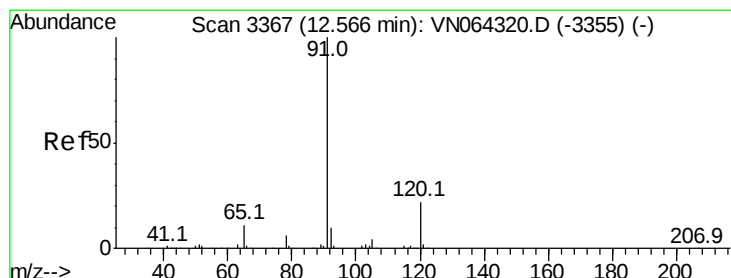
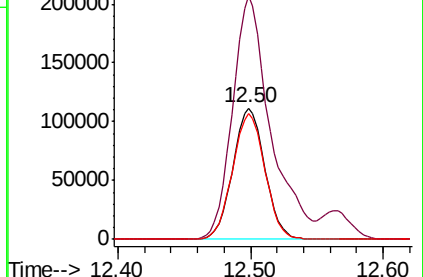
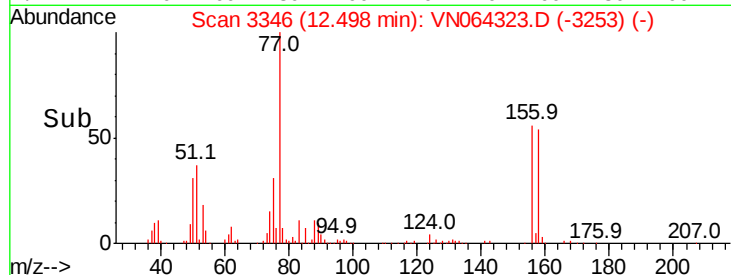
158 97.1 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.803 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064323.D

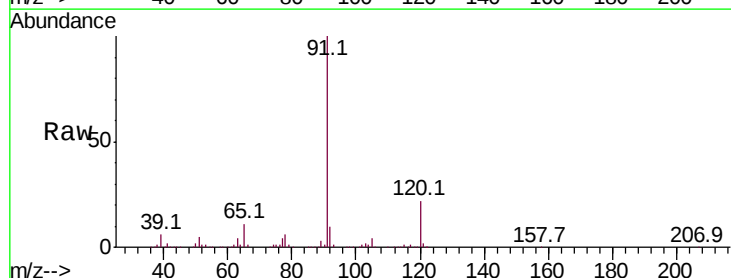
Acq: 27 Oct 2020 13:22

Tgt Ion: 91 Resp: 883625

Ion Ratio Lower Upper

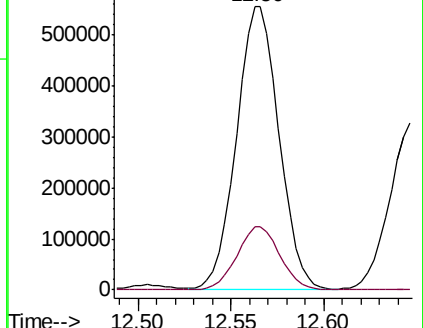
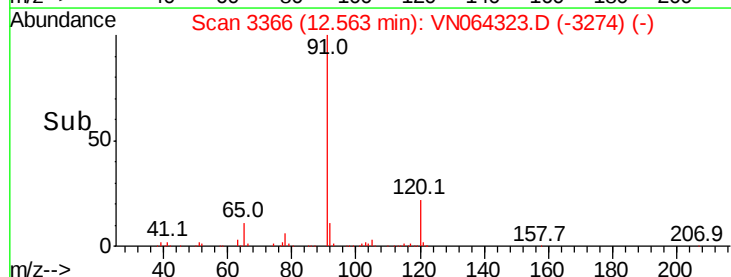
91 100

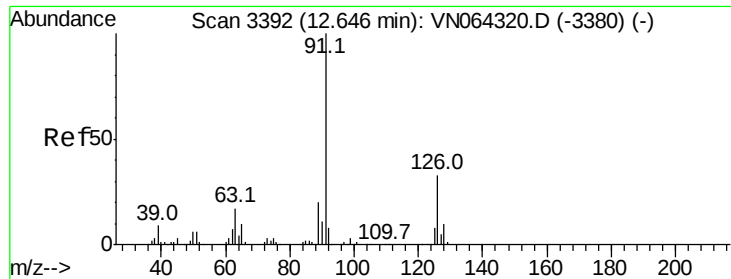
120 22.5 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.043 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

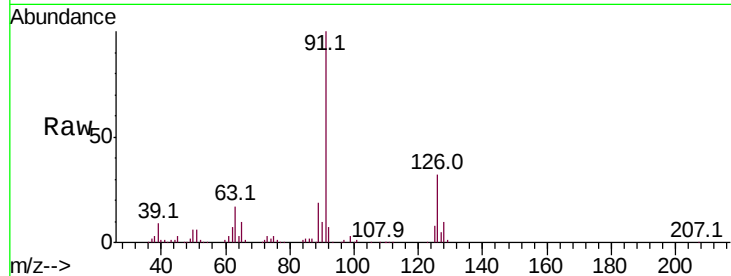
ICVVN102720

Tot Ion: 91 Resp: 546371

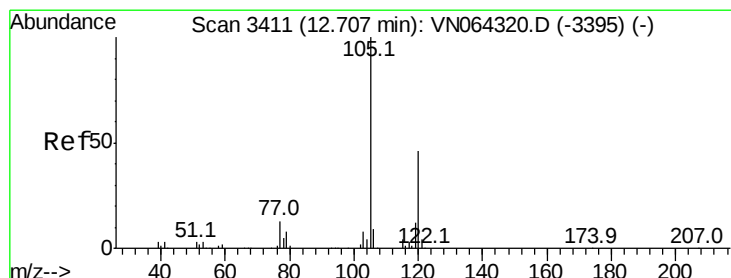
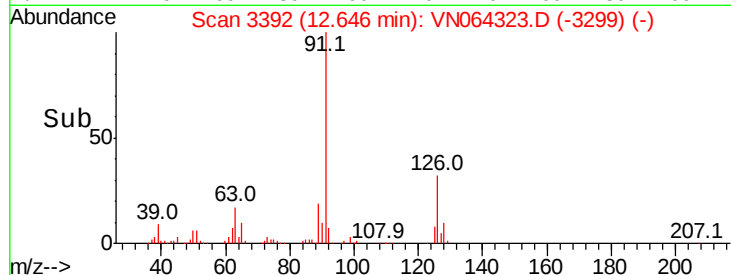
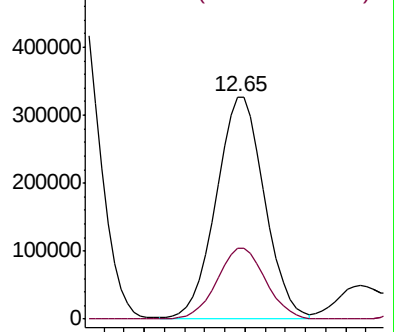
Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN064323.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.306 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064323.D

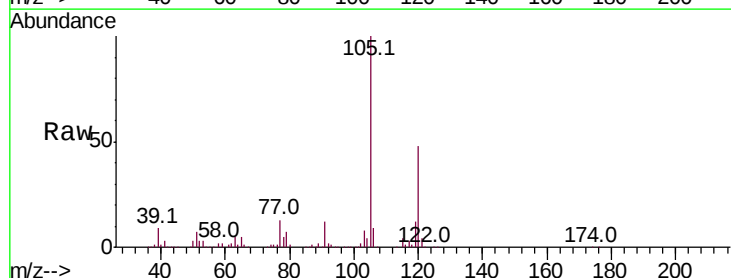
Acq: 27 Oct 2020 13:22

Tgt Ion:105 Resp: 654306

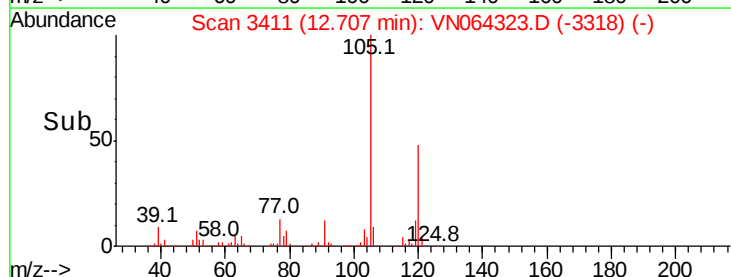
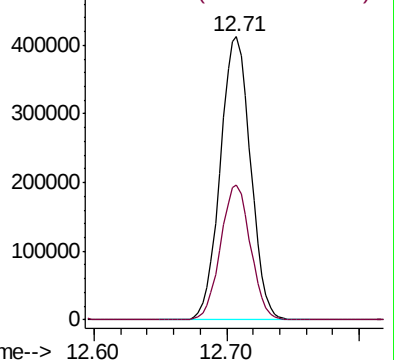
Ion Ratio Lower Upper

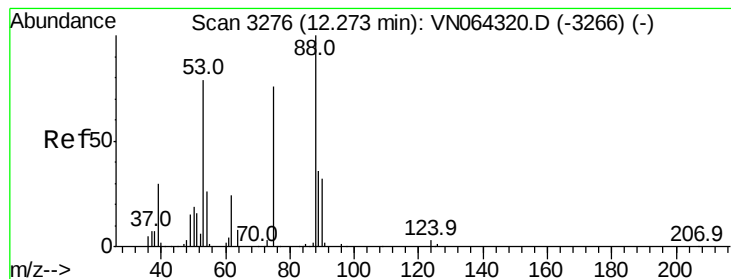
105 100

120 47.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064323.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.329 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102720

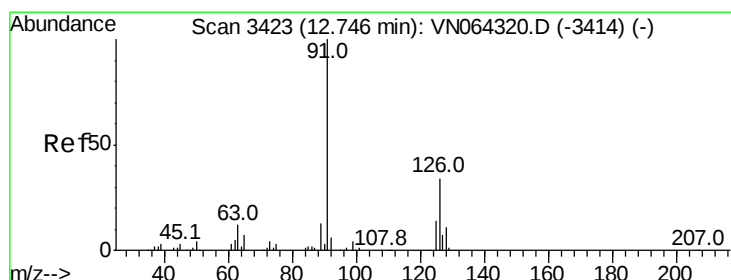
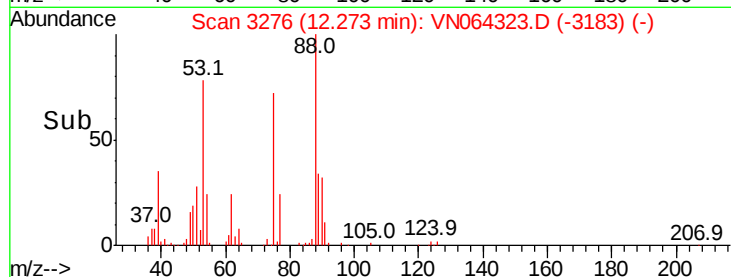
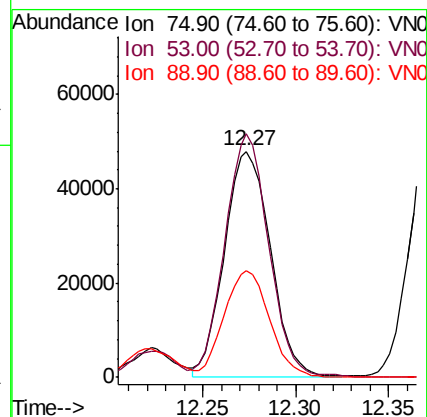
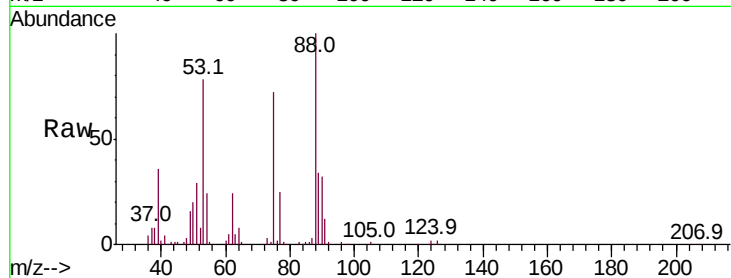
Tot Ion: 75 Resp: 82650

Ion Ratio Lower Upper

75 100

53 103.4 81.8 122.8

89 46.7 39.9 59.9



#82

4-Chlorotoluene

Concen: 54.273 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064323.D

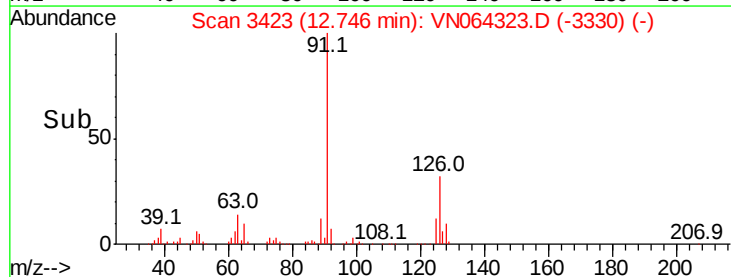
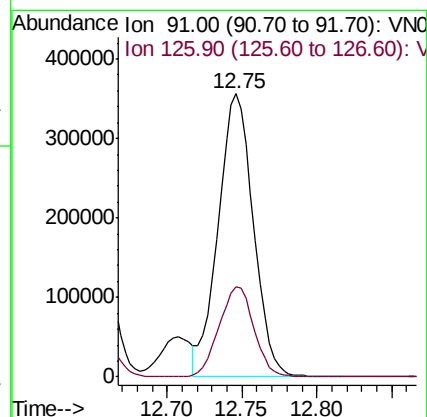
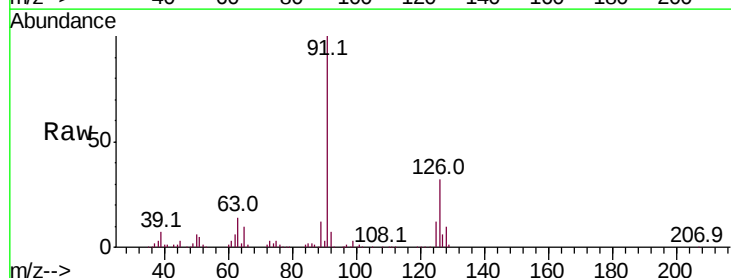
Acq: 27 Oct 2020 13:22

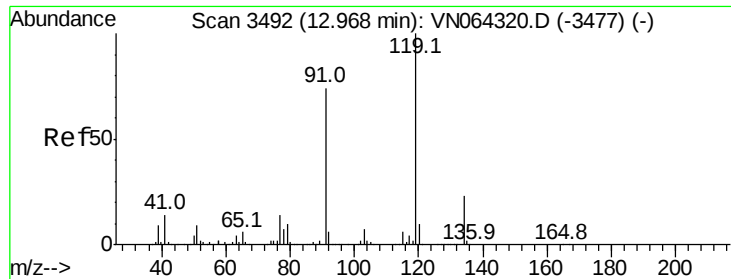
Tgt Ion: 91 Resp: 580447

Ion Ratio Lower Upper

91 100

126 31.5 15.8 47.3





#83

tert-Butylbenzene

Concen: 52.732 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102720

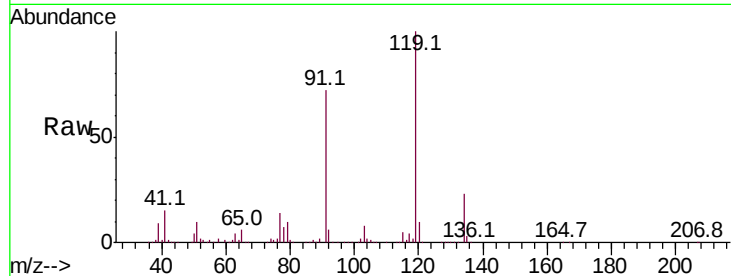
Tot Ion:119 Resp: 531127

Ion Ratio Lower Upper

119 100

91 70.9 36.4 109.1

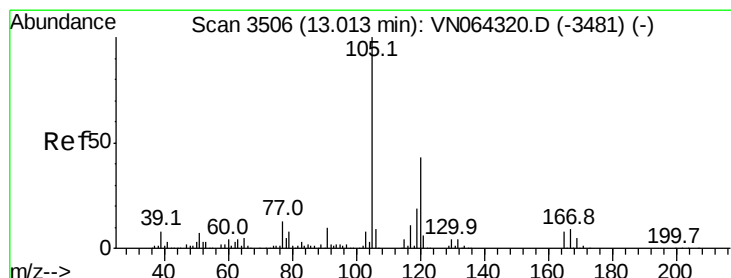
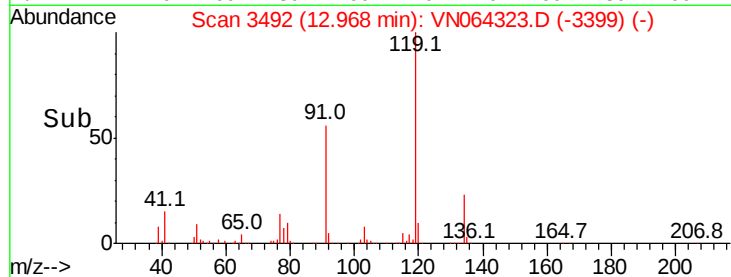
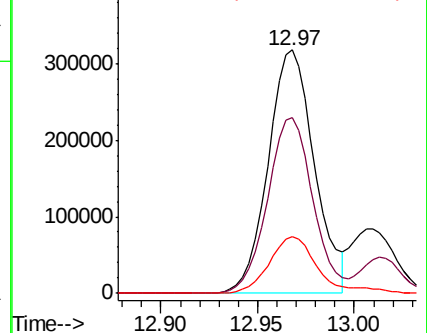
134 24.6 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.298 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064323.D

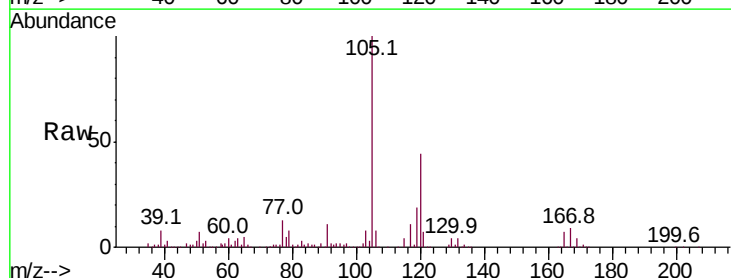
Acq: 27 Oct 2020 13:22

Tgt Ion:105 Resp: 665953

Ion Ratio Lower Upper

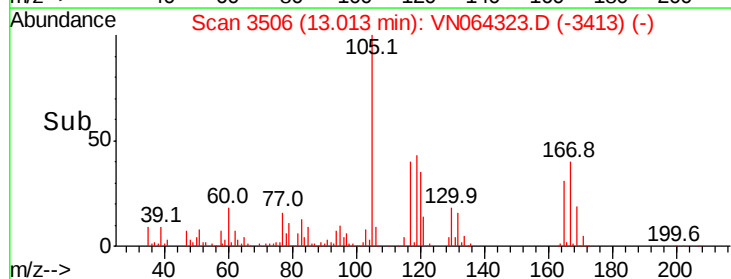
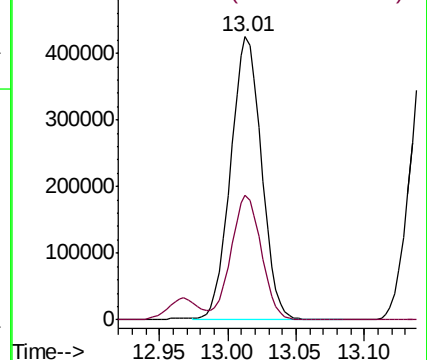
105 100

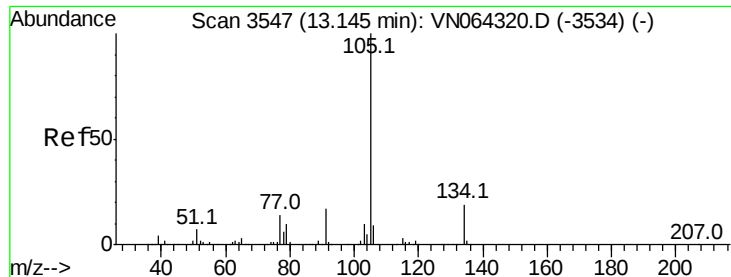
120 43.3 21.3 64.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.170 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

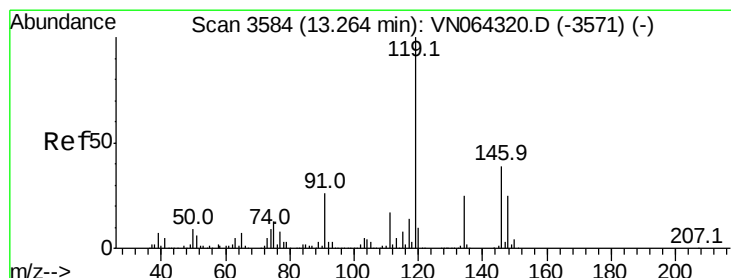
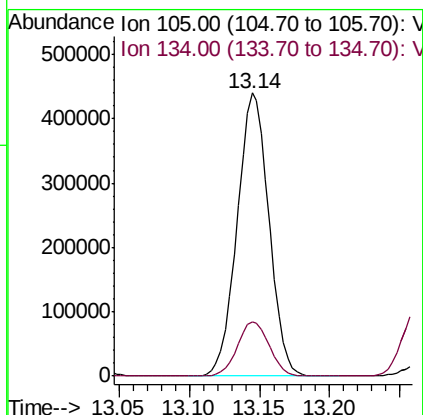
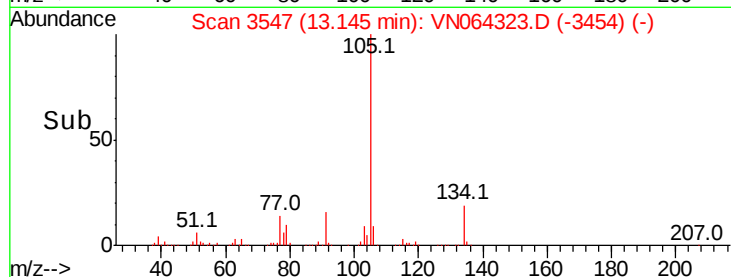
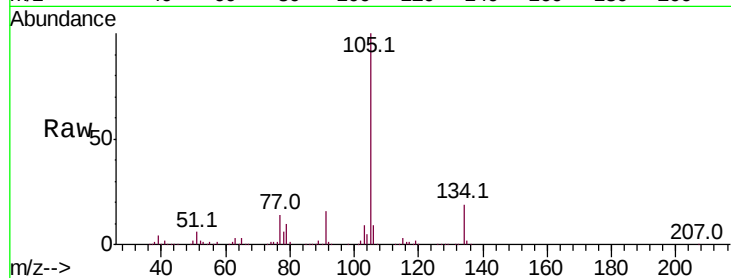
ICVVN102720

Tot Ion:105 Resp: 693024

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.8



#86

p-Isopropyltoluene

Concen: 54.282 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

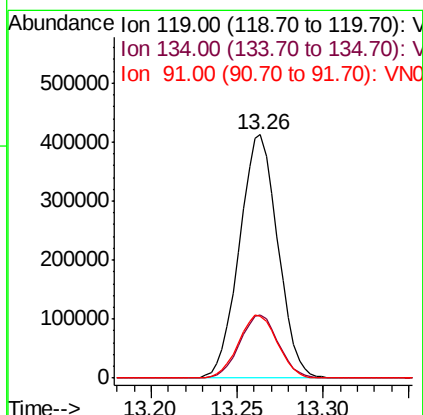
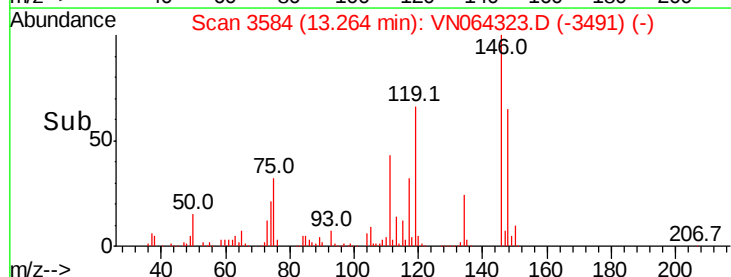
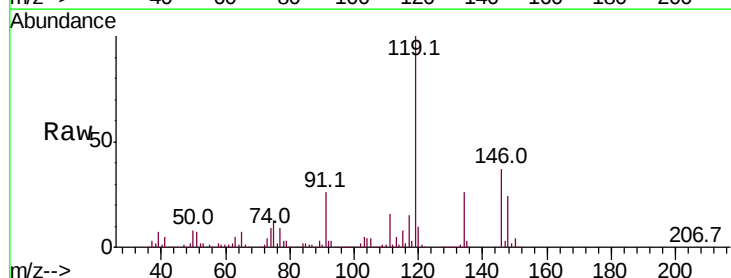
Tgt Ion:119 Resp: 637400

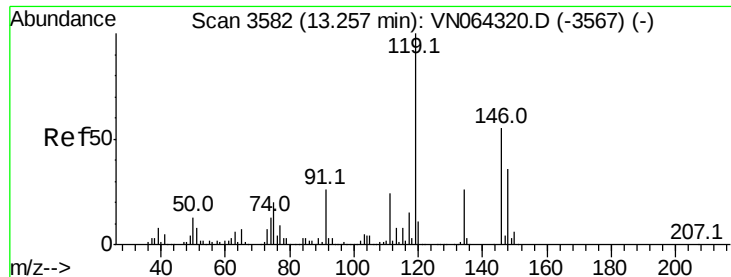
Ion Ratio Lower Upper

119 100

134 26.2 12.8 38.4

91 26.5 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 53.131 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

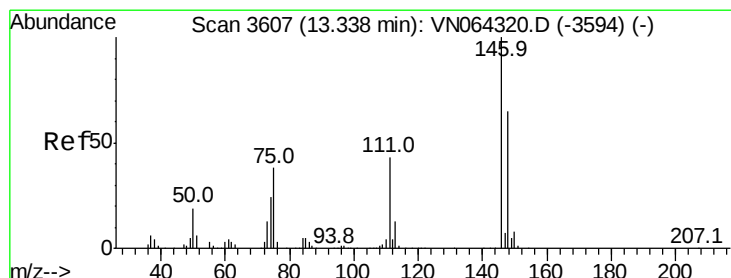
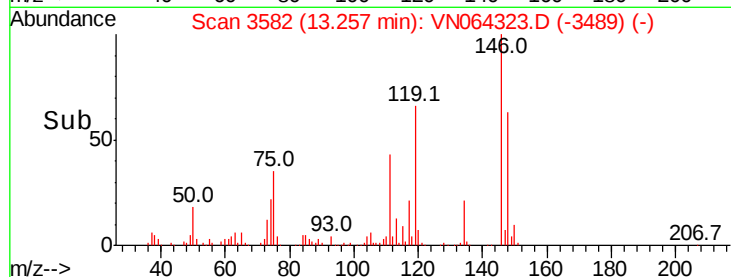
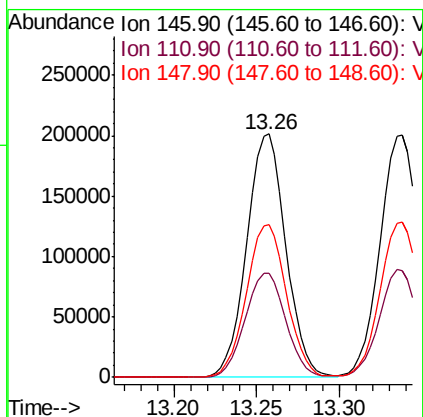
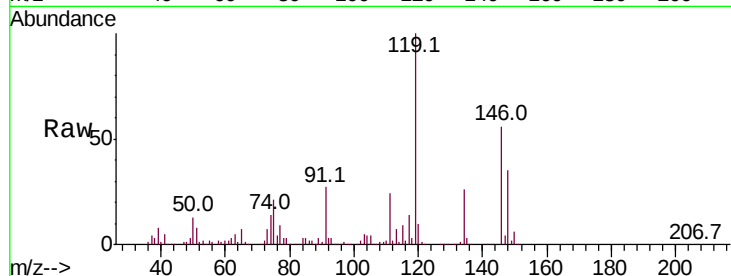
Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :
MSVOA_N
ClientSampled :
ICVVN102720

Tot Ion:146 Resp: 330397

Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.9	65.5
148	64.4	32.6	98.0



#88

1,4-Dichlorobenzene

Concen: 52.520 ug/l

RT: 13.34 min Scan# 3607

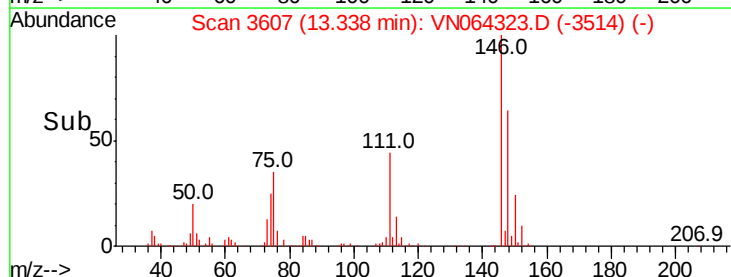
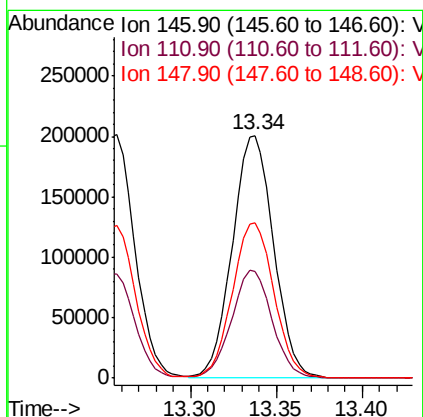
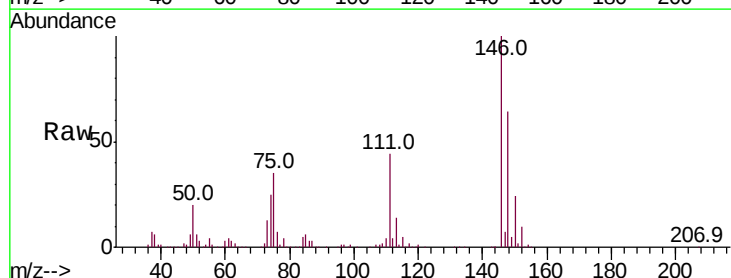
Delta R.T. 0.00 min

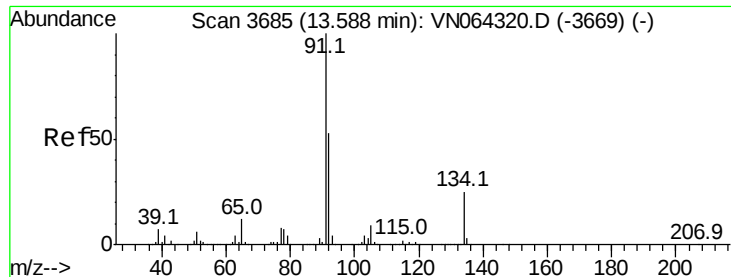
Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion:146 Resp: 332642

Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.8	65.4
148	64.6	31.8	95.3

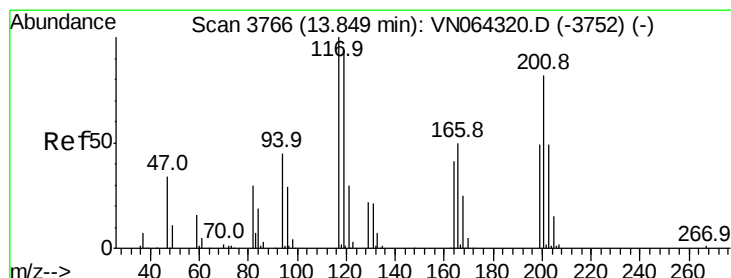
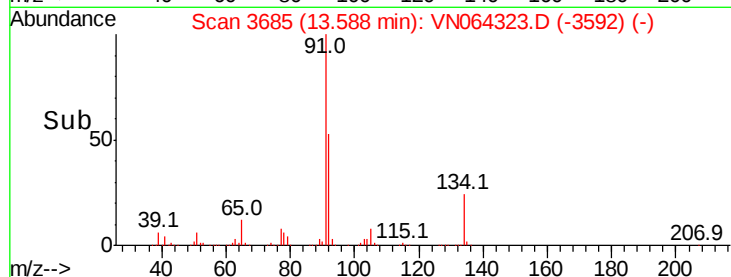
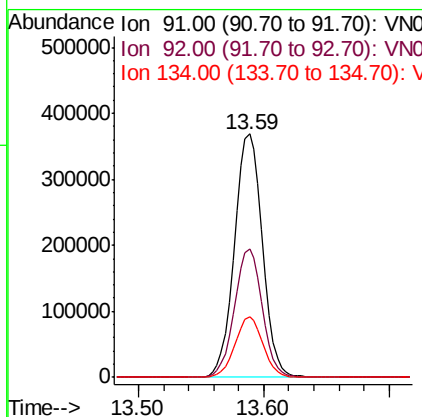
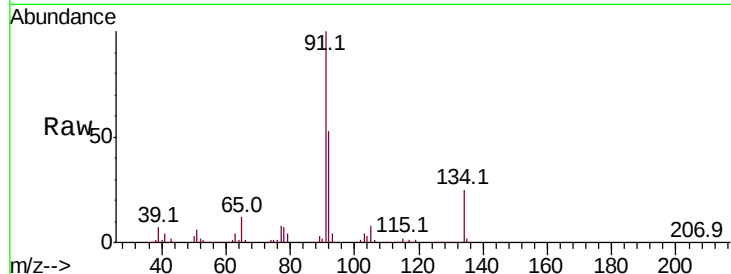




#89
n-Butylbenzene
Concen: 55.178 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

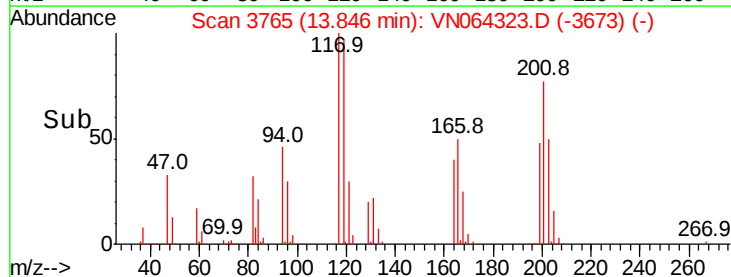
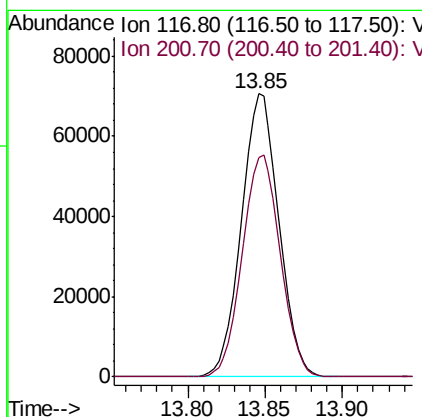
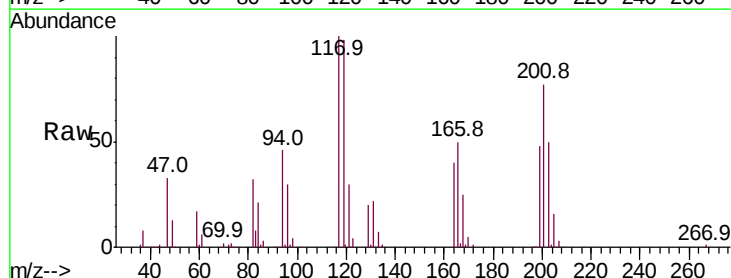
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102720

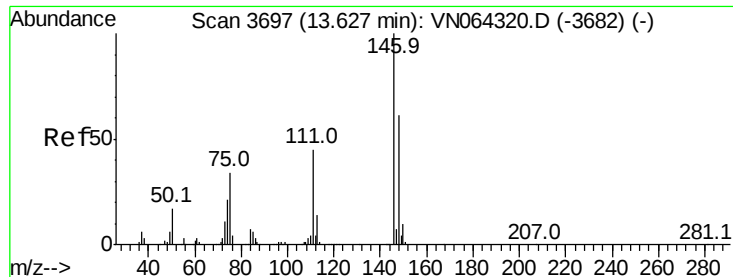
Tot Ion: 91 Resp: 570790
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 24.9 12.4 37.4



#90
Hexachloroethane
Concen: 54.052 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064323.D
Acq: 27 Oct 2020 13:22

Tgt Ion: 117 Resp: 119201
Ion Ratio Lower Upper
117 100
201 79.2 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 53.765 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102720

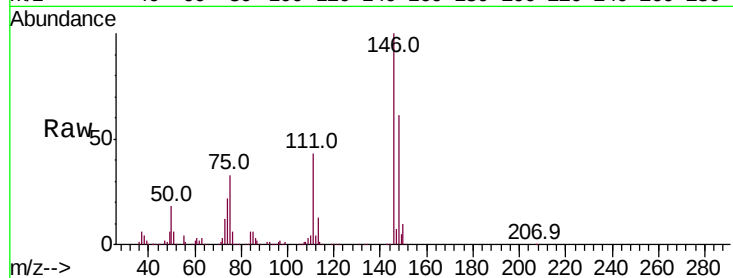
Tot Ion:146 Resp: 332396

Ion Ratio Lower Upper

146 100

111 42.7 23.0 69.0

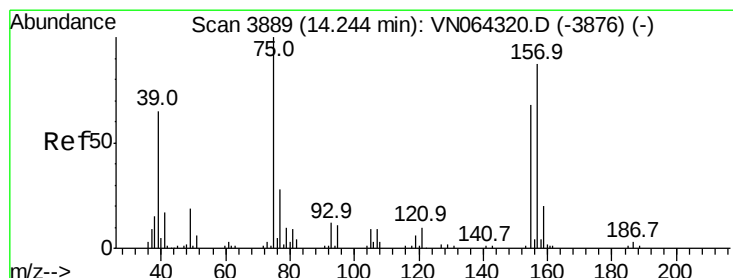
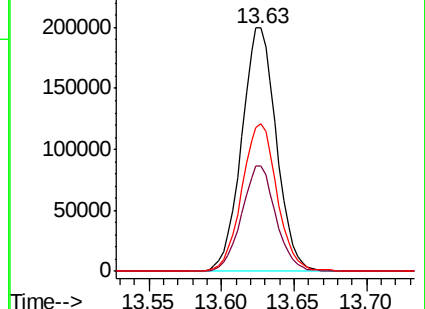
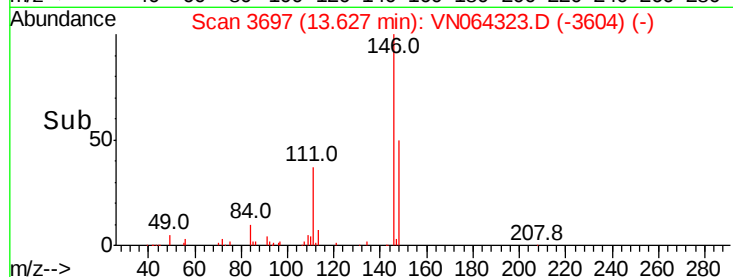
148 61.4 32.1 96.3



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: 50.735 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

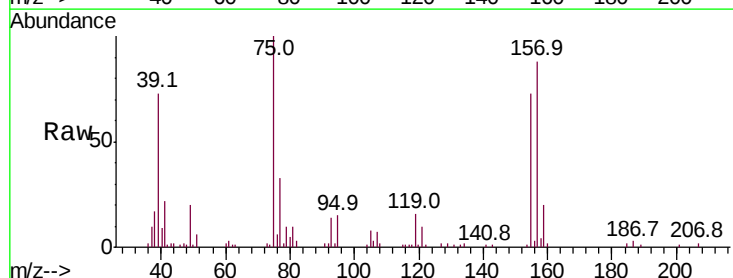
Tgt Ion: 75 Resp: 53083

Ion Ratio Lower Upper

75 100

155 72.3 35.1 105.5

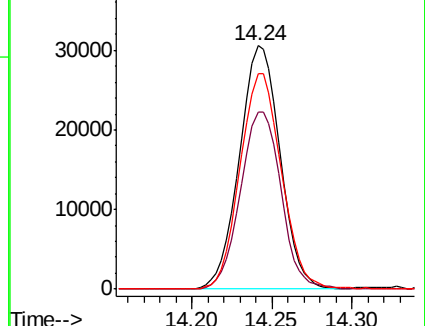
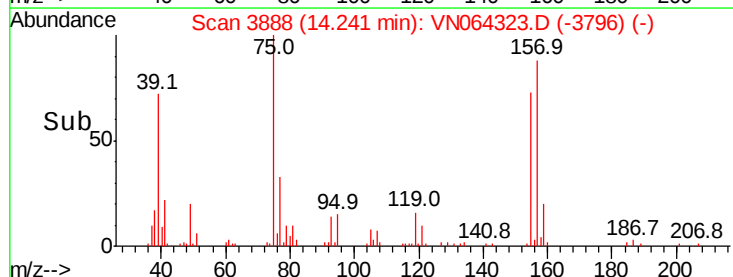
157 89.9 43.2 129.6

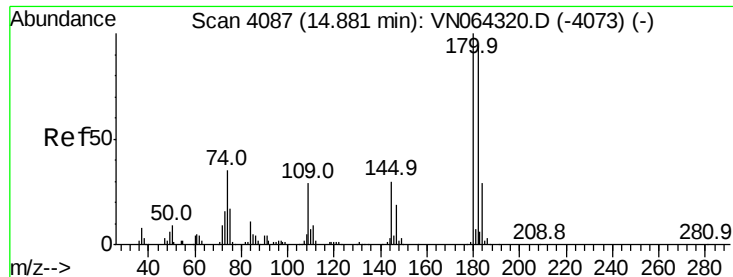


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

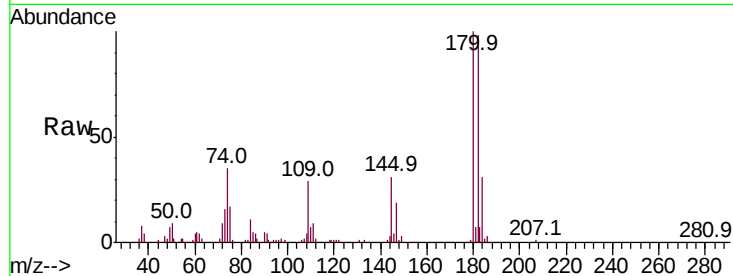




#93
 1,2,4-Trichlorobenzene
 Concen: 53.410 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102720

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.6	139.7
145	31.1	15.3	45.9

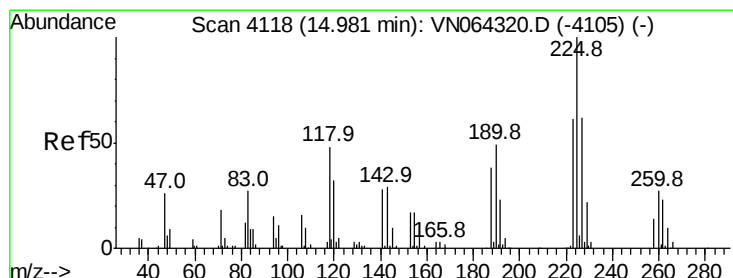
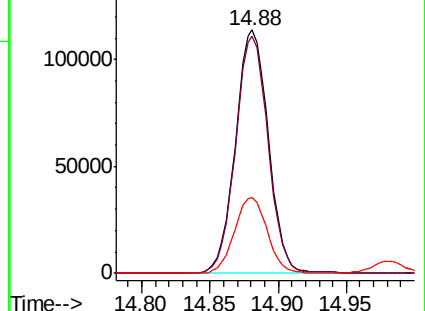
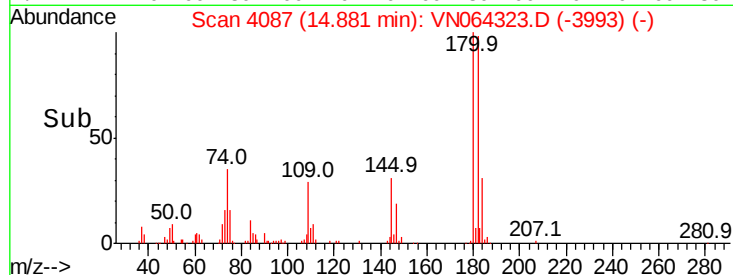


Abundance

Ion 179.80 (179.50 to 180.50): V

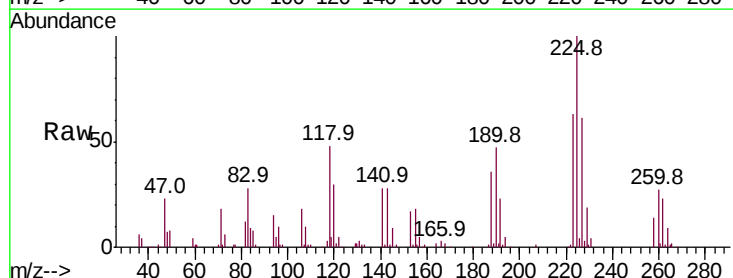
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 55.069 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064323.D
 Acq: 27 Oct 2020 13:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.8
227	61.5	32.3	96.9

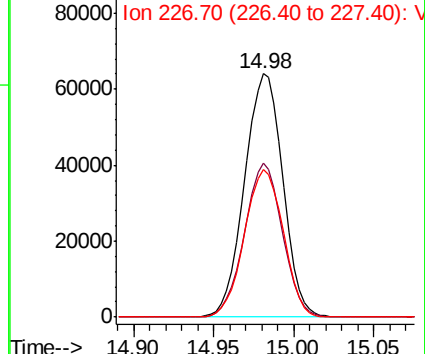
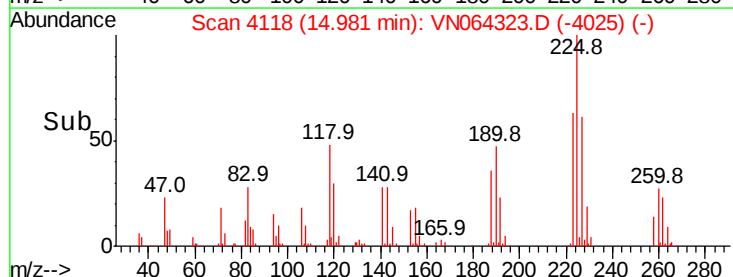


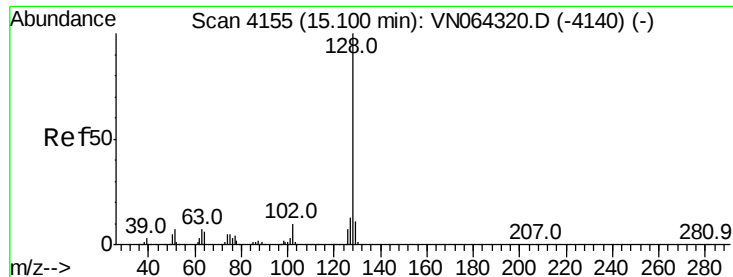
Abundance

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: 48.917 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102720

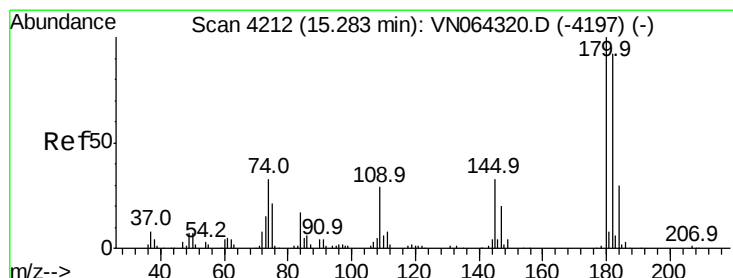
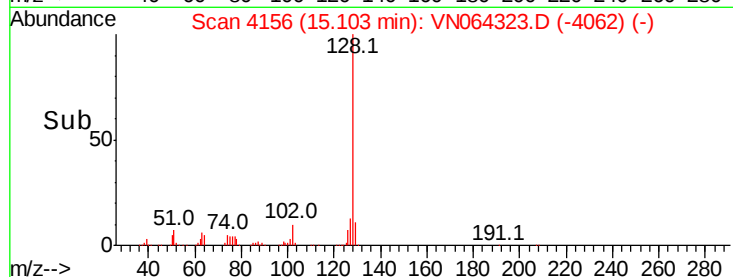
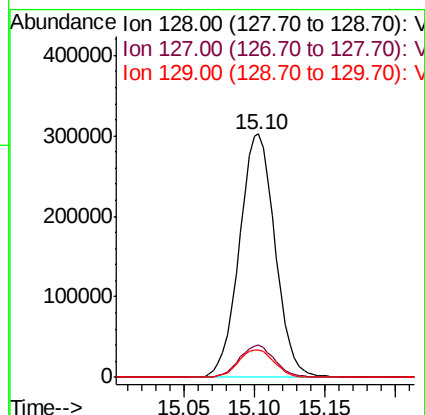
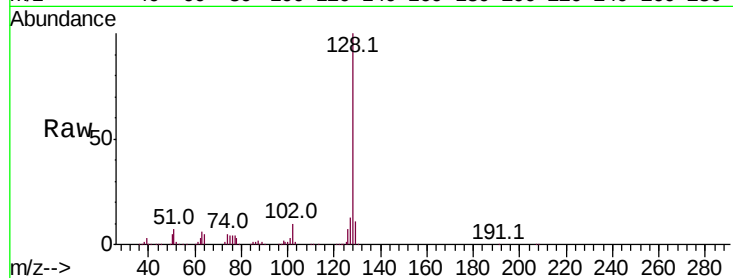
Tot Ion:128 Resp: 535003

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.534 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064323.D

Acq: 27 Oct 2020 13:22

Tgt Ion:180 Resp: 176743

Ion Ratio Lower Upper

180 100

182 94.6 46.1 138.3

145 33.9 16.2 48.5

