

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064501.D
 Acq On : 6 Nov 2020 22:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 07 03:56:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	309519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	546371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	516000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241403	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	266032	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
35) Dibromofluoromethane	7.55	113	181038	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
50) Toluene-d8	10.06	98	687965	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.38	95	258682	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	186352	46.251	ug/l	99
3) Chloromethane	2.04	50	225241	46.024	ug/l	98
4) Vinyl Chloride	2.17	62	241385	48.031	ug/l	100
5) Bromomethane	2.52	94	144657	45.056	ug/l	97
6) Chloroethane	2.67	64	161666	50.244	ug/l	98
7) Trichlorofluoromethane	2.98	101	361930	48.908	ug/l	95
8) Diethyl Ether	3.38	74	127084	48.629	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	161685	46.009	ug/l	99
10) Methyl Iodide	3.91	142	202369	49.559	ug/l	99
11) Tert butyl alcohol	4.75	59	176380	296.659	ug/l	99
12) 1,1-Dichloroethene	3.69	96	160630	48.525	ug/l	98
13) Acrolein	3.57	56	94725	256.851	ug/l	99
14) Allyl chloride	4.27	41	308229	47.599	ug/l	99
15) Acrylonitrile	4.94	53	492600	297.589	ug/l	99
16) Acetone	3.78	43	476084	231.822	ug/l	99
17) Carbon Disulfide	4.01	76	469815	47.460	ug/l	98
18) Methyl Acetate	4.28	43	282447	69.957	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	608518	51.077	ug/l	99
20) Methylene Chloride	4.50	84	198496	48.715	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	185620	49.387	ug/l	99
22) Diisopropyl ether	5.91	45	691659	50.318	ug/l	97
23) Vinyl Acetate	5.85	43	2833169	253.365	ug/l	98
24) 1,1-Dichloroethane	5.80	63	372883	49.366	ug/l	100
25) 2-Butanone	6.79	43	730362	279.121	ug/l	98
26) 2,2-Dichloropropane	6.78	77	285791	41.797	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	210400	48.310	ug/l	97
28) Bromochloromethane	7.15	49	183492	49.422	ug/l	100
29) Tetrahydrofuran	7.17	42	468204	291.647	ug/l	98
30) Chloroform	7.33	83	394893	49.736	ug/l	99
31) Cyclohexane	7.61	56	289253	44.135	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	351352	49.893	ug/l	98
36) 1,1-Dichloropropene	7.75	75	281472	48.765	ug/l	99
37) Ethyl Acetate	6.89	43	293731	50.138	ug/l	99
38) Carbon Tetrachloride	7.73	117	307840	49.902	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	242280	46.824	ug/l	94
40) Benzene	8.00	78	831310	49.013	ug/l	100
41) Methacrylonitrile	7.13	41	124673	48.719	ug/l	96
42) 1,2-Dichloroethane	8.09	62	345587	50.489	ug/l	99
43) Isopropyl Acetate	8.13	43	505594	54.051	ug/l	100
44) Trichloroethene	8.80	130	202434	47.306	ug/l	99
45) 1,2-Dichloropropane	9.09	63	228303	50.447	ug/l	98
46) Dibromomethane	9.18	93	151498	50.852	ug/l	98
47) Bromodichloromethane	9.37	83	327527	51.130	ug/l	99
48) Methyl methacrylate	9.17	41	261322	55.364	ug/l	99
49) 1,4-Dioxane	9.17	88	79091	1272.170	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	1625193	297.926	ug/l	100
52) Toluene	10.13	92	528175	51.057	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	339996	50.064	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	356001	49.029	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	213014	52.799	ug/l	98
56) Ethyl methacrylate	10.40	69	316170	47.719	ug/l	99
57) 1,3-Dichloropropane	10.68	76	369741	52.505	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.67	63	833953	264.517	ug/l	99
59) 2-Hexanone	10.72	43	1192158	267.716	ug/l	100
60) Dibromochloromethane	10.87	129	239227	52.962	ug/l	99
61) 1,2-Dibromoethane	10.98	107	221661	54.167	ug/l	98
64) Tetrachloroethene	10.60	164	191524	48.185	ug/l	97
65) Chlorobenzene	11.41	112	551322	48.738	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	218208	51.708	ug/l	100
67) Ethyl Benzene	11.49	91	1011621	50.277	ug/l	100
68) m/p-Xylenes	11.59	106	739645	101.362	ug/l	98
69) o-Xylene	11.92	106	353168	50.086	ug/l	98
70) Styrene	11.94	104	625641	52.729	ug/l	99
71) Bromoform	12.10	173	159706	50.391	ug/l #	98
73) Isopropylbenzene	12.23	105	941832	49.086	ug/l	100
74) N-amyl acetate	12.05	43	447082	48.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	313726	53.233	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	432617	73.964	ug/l #	100
77) Bromobenzene	12.50	156	226535	48.358	ug/l	98
78) n-propylbenzene	12.57	91	1079553	49.351	ug/l	100
79) 2-Chlorotoluene	12.65	91	679390	48.968	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	799356	50.499	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	102835	49.090	ug/l	96
82) 4-Chlorotoluene	12.75	91	716845	49.336	ug/l	100
83) tert-Butylbenzene	12.97	119	610761	49.403	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	814202	51.167	ug/l	99
85) sec-Butylbenzene	13.15	105	810987	51.797	ug/l	100
86) p-Isopropyltoluene	13.26	119	720733	51.177	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	396941	49.019	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	395671	47.281	ug/l	99
89) n-Butylbenzene	13.59	91	615044	50.794	ug/l	100
90) Hexachloroethane	13.85	117	141974	52.259	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	399229	51.253	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	71966	61.332	ug/l	99

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QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

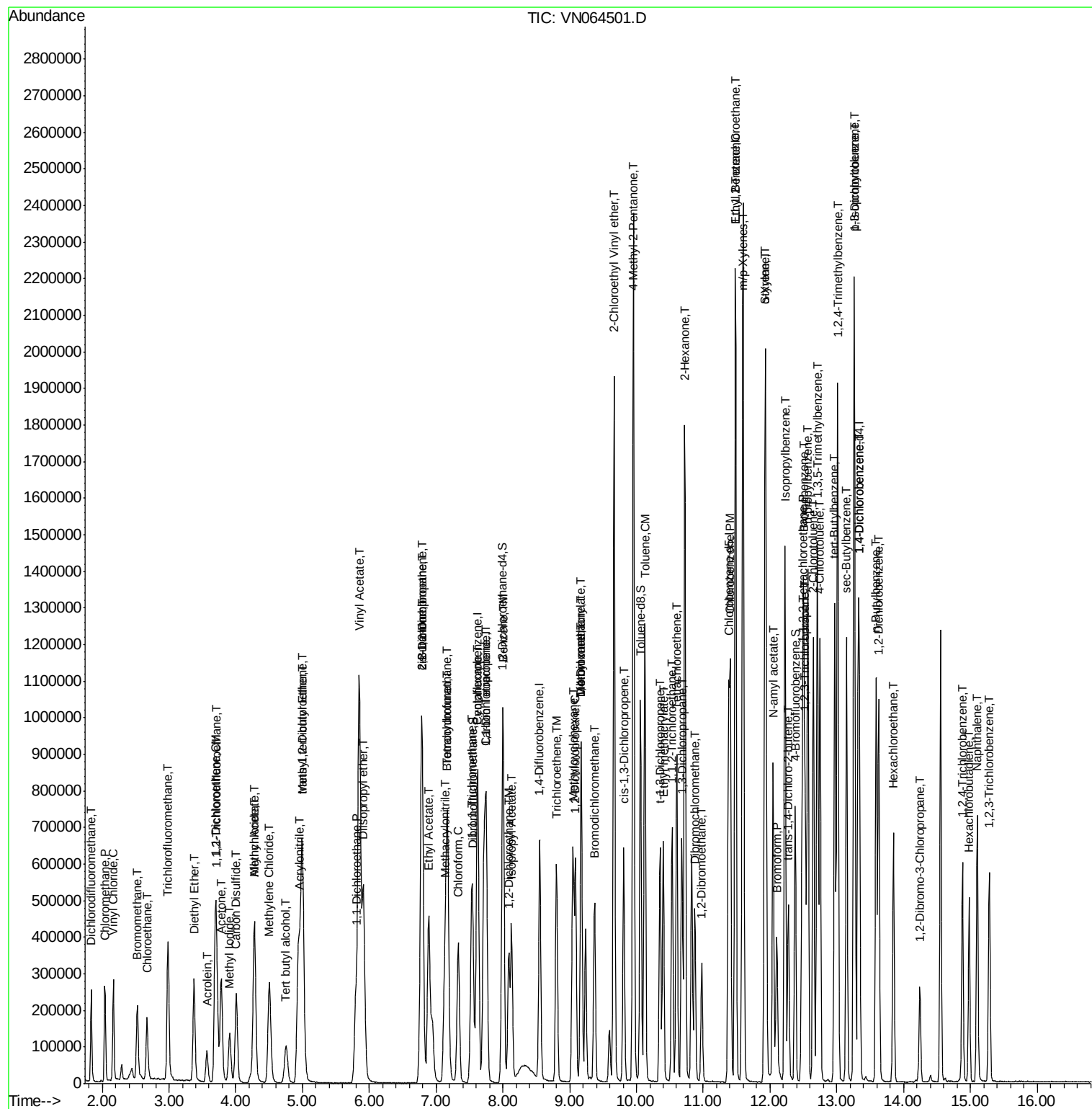
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	175796	45.628	ug/l	98
94) Hexachlorobutadiene	14.98	225	84310	53.162	ug/l	99
95) Naphthalene	15.10	128	591397	45.053	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	176445	47.244	ug/l	99

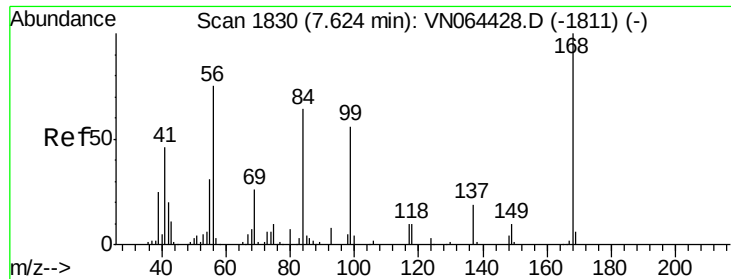
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

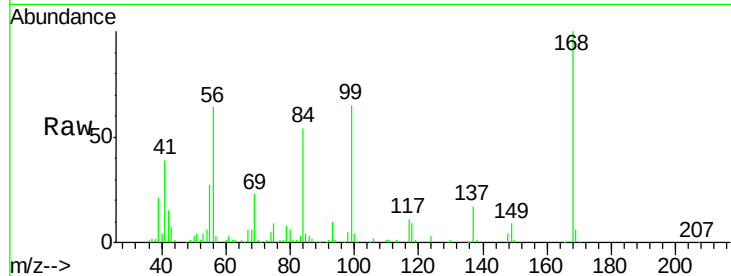
VSTDCCC050EC

Tot Ion:168 Resp: 309519

Ion Ratio Lower Upper

168 100

99 64.4 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

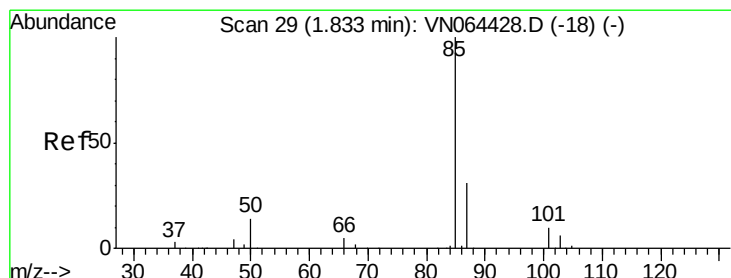
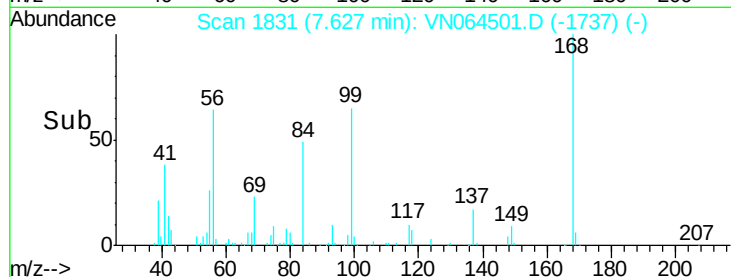
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.251 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064501.D

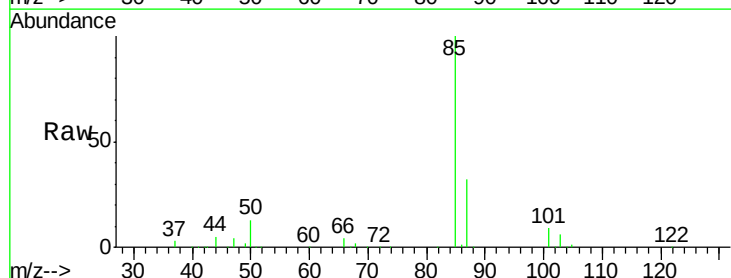
Acq: 6 Nov 2020 22:30

Tgt Ion: 85 Resp: 186352

Ion Ratio Lower Upper

85 100

87 31.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

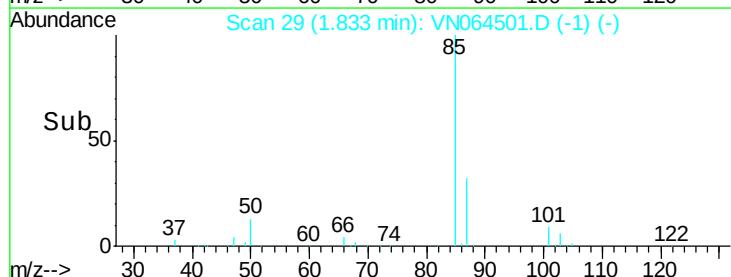
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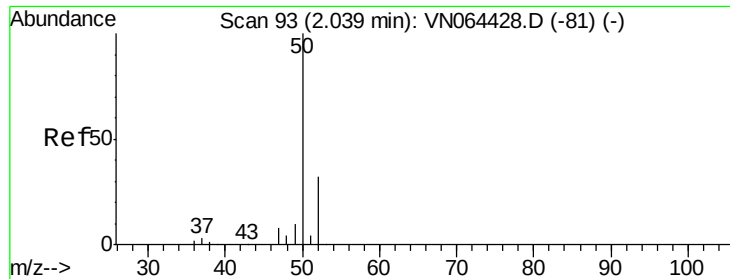
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.024 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

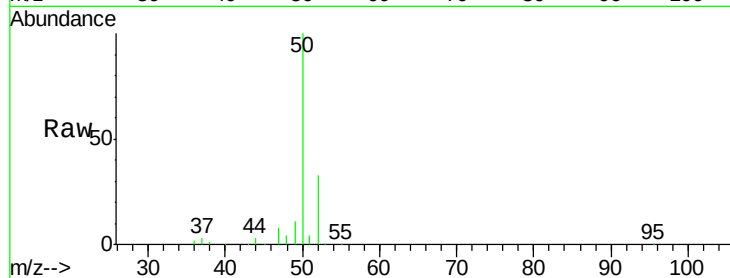
VSTDCCC050EC

Tot Ion: 50 Resp: 225241

Ion Ratio Lower Upper

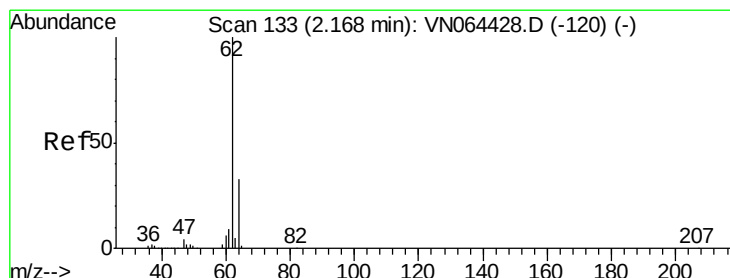
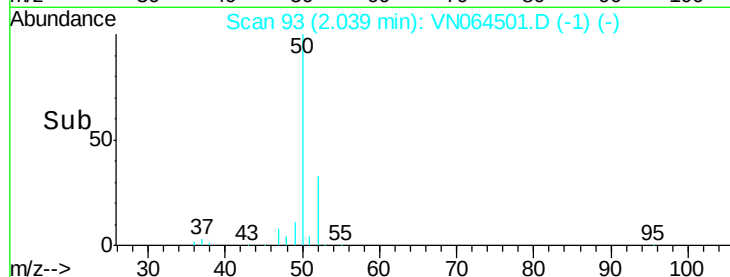
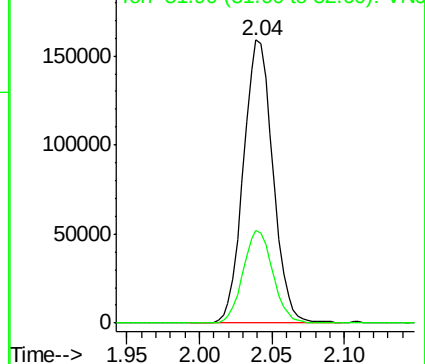
50 100

52 33.0 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 48.031 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064501.D

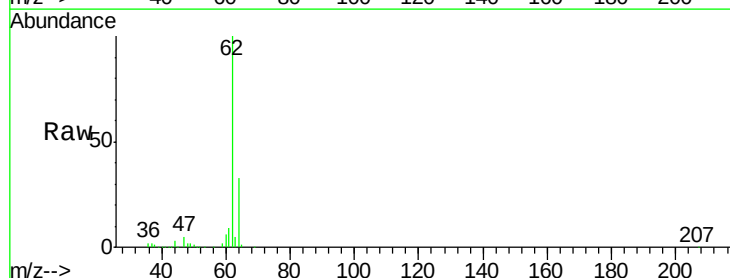
Acq: 6 Nov 2020 22:30

Tgt Ion: 62 Resp: 241385

Ion Ratio Lower Upper

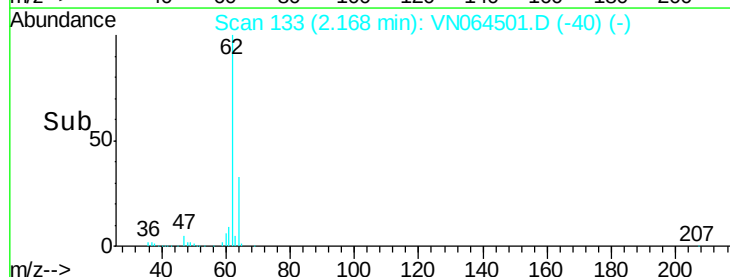
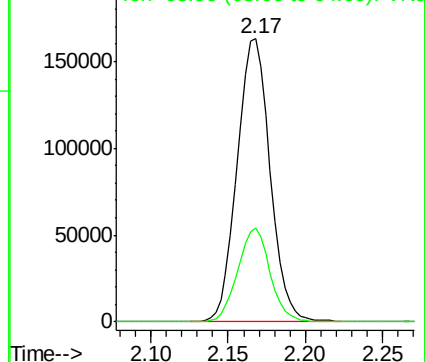
62 100

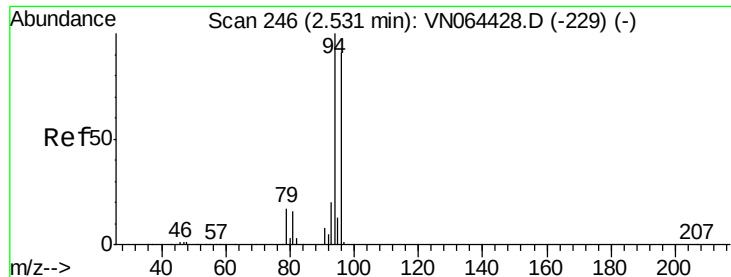
64 33.0 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 45.056 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.01 min

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ClientSampleId :

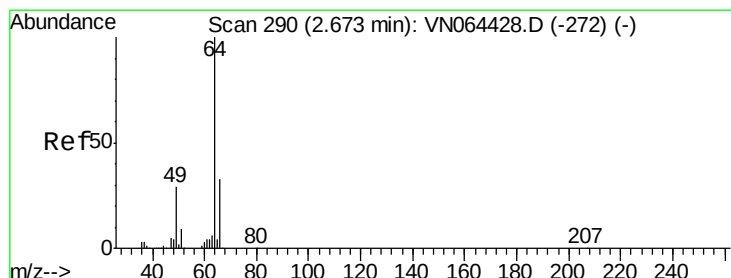
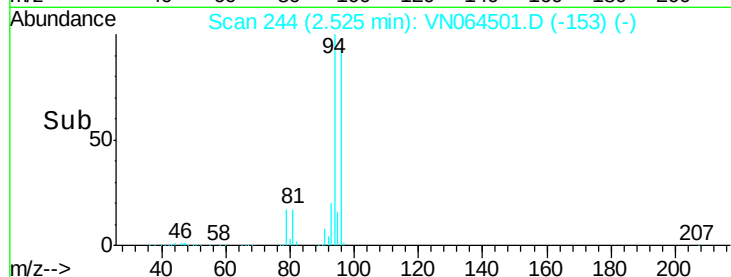
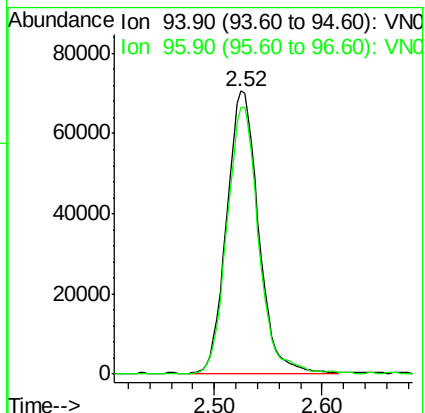
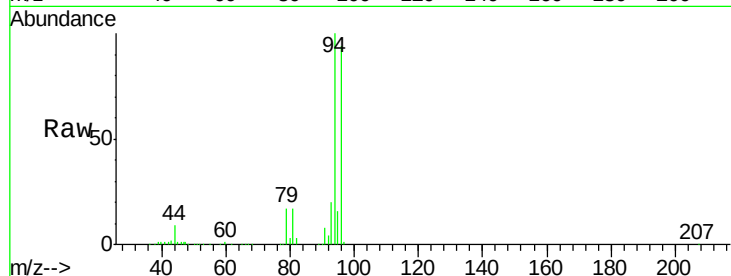
VSTDCCC050EC

Tot Ion: 94 Resp: 144657

Ion Ratio Lower Upper

94 100

96 94.5 73.1 109.7



#6

Chloroethane

Concen: 50.244 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064501.D

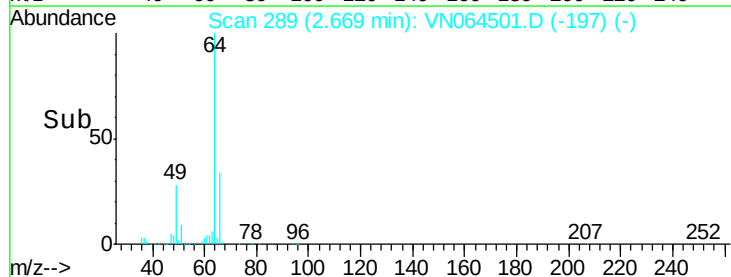
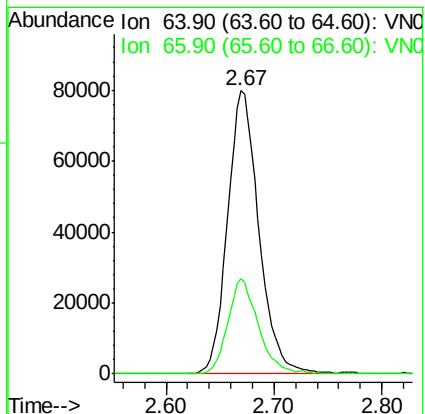
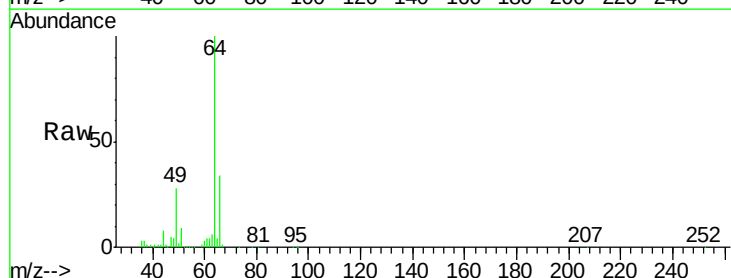
Acq: 6 Nov 2020 22:30

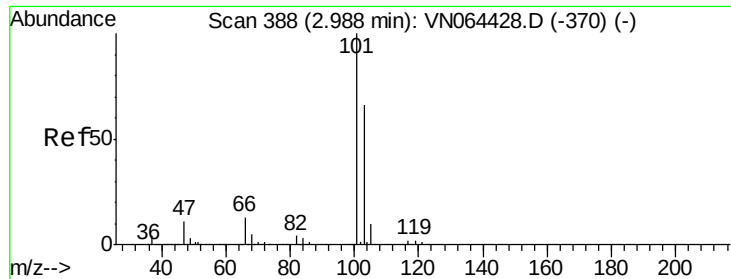
Tgt Ion: 64 Resp: 161666

Ion Ratio Lower Upper

64 100

66 33.5 26.1 39.1



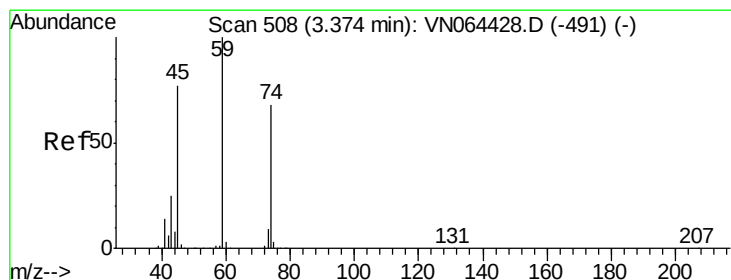
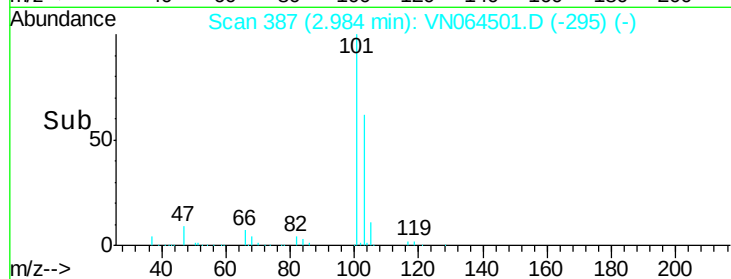
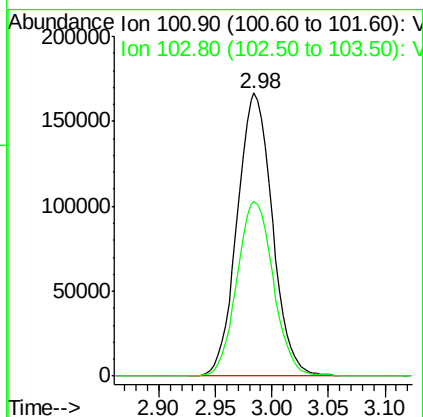
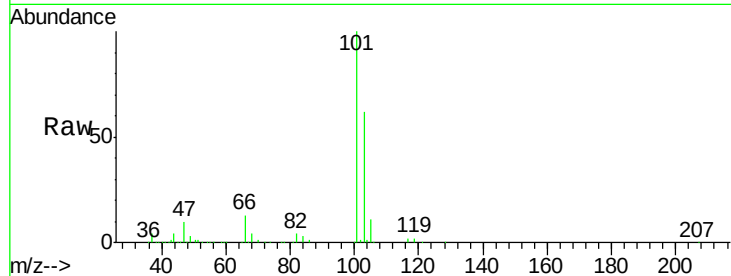


#7

Trichlorofluoromethane
 Concen: 48.908 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Instrument :
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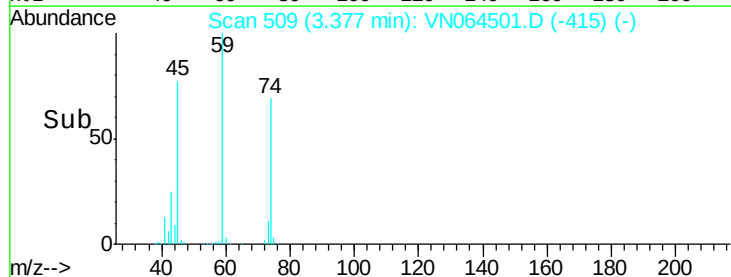
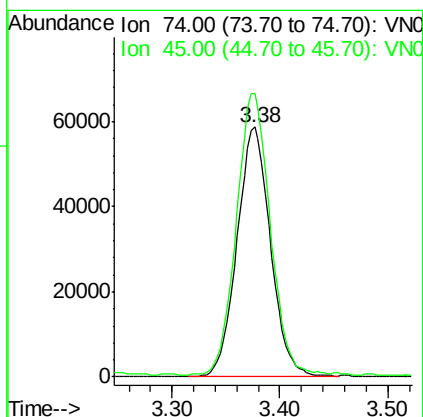
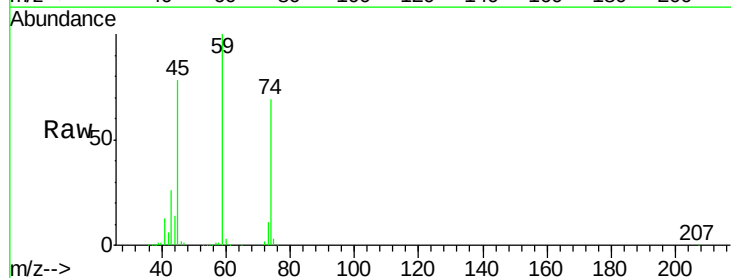
Tot Ion:101 Resp: 361930
 Ion Ratio Lower Upper
 101 100
 103 61.7 52.4 78.6

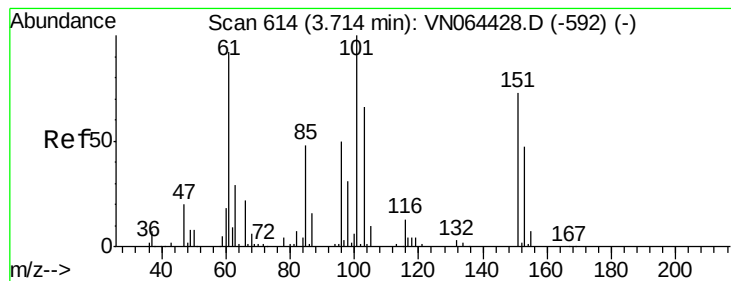


#8

Diethyl Ether
 Concen: 48.629 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion: 74 Resp: 127084
 Ion Ratio Lower Upper
 74 100
 45 114.0 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.009 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

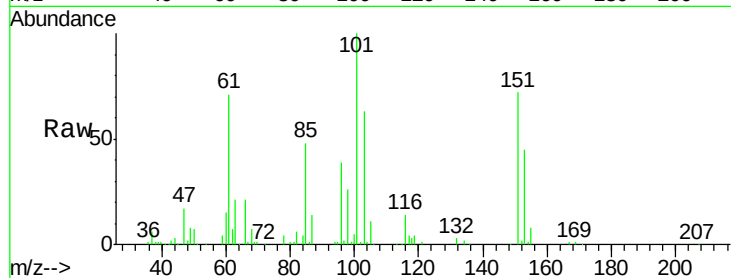
Tot Ion:101 Resp: 161685

Ion Ratio Lower Upper

101 100

85 47.3 38.6 57.8

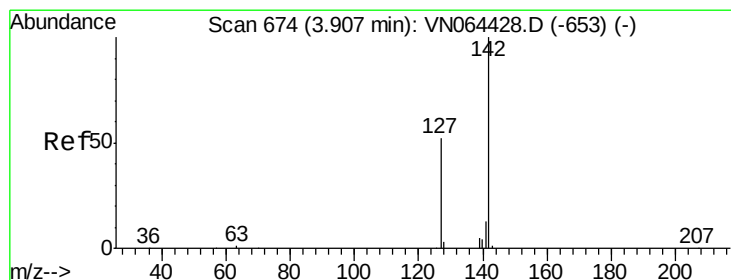
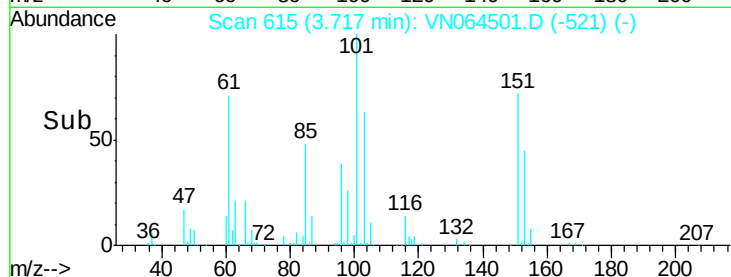
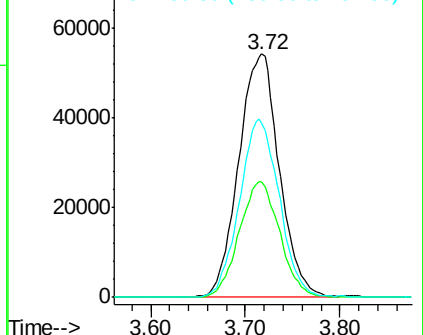
151 71.5 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.559 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

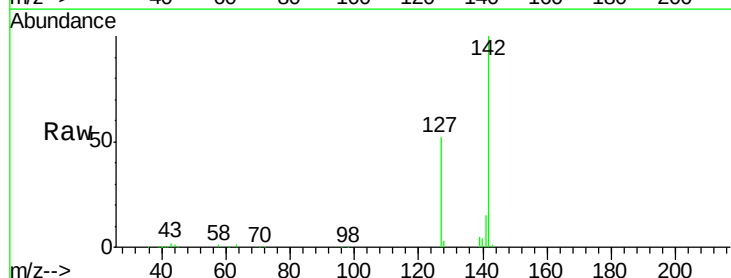
Tgt Ion:142 Resp: 202369

Ion Ratio Lower Upper

142 100

127 51.8 41.8 62.8

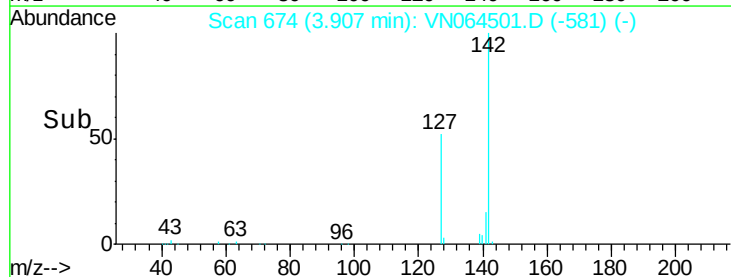
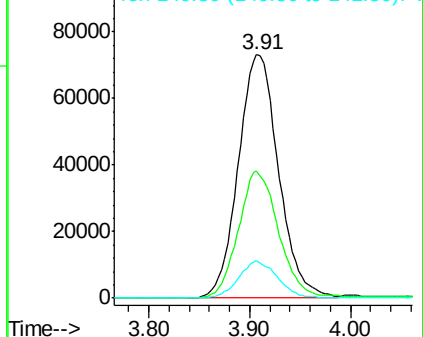
141 14.9 11.4 17.2

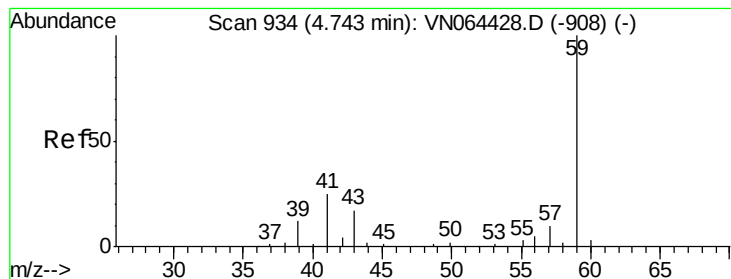


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



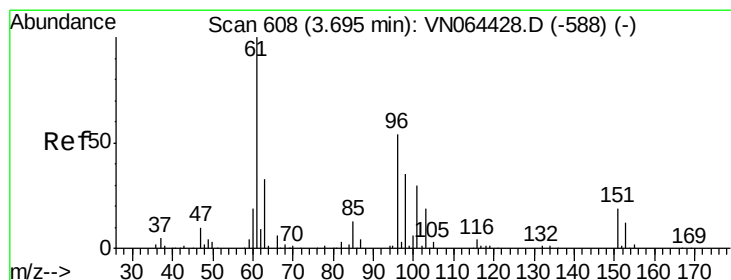
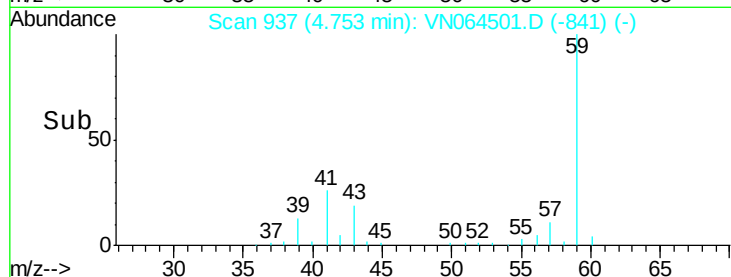
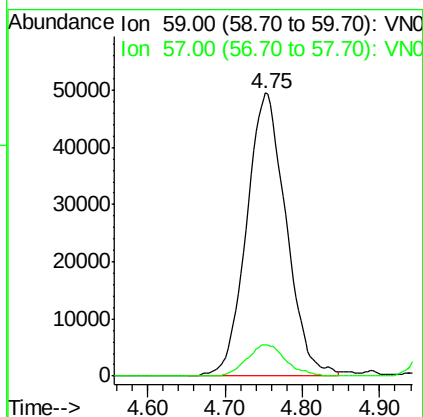
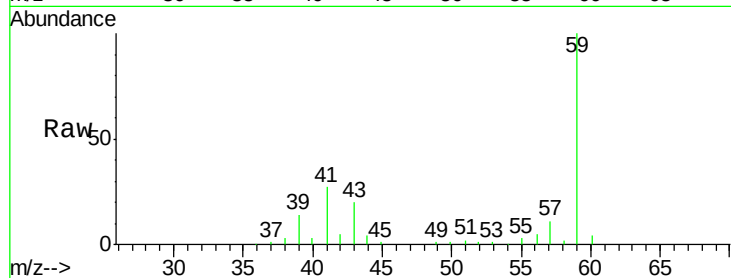


#11

Tert butyl alcohol
Concen: 296.659 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

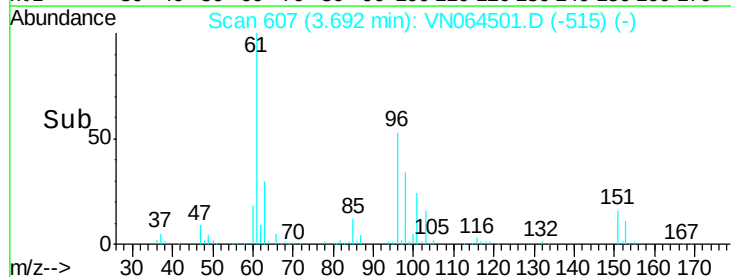
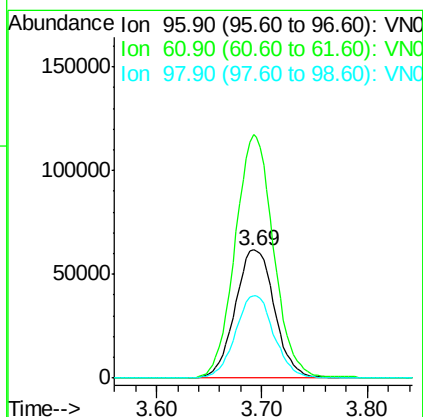
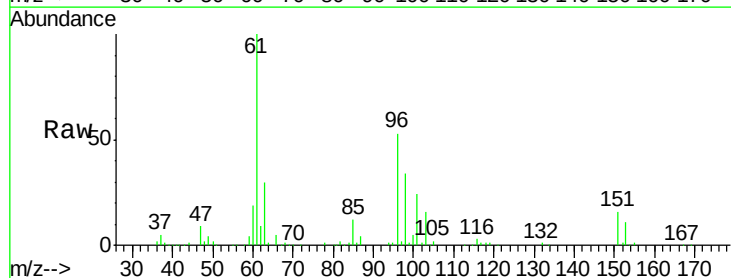
Tot Ion: 59 Resp: 176380
Ion Ratio Lower Upper
59 100
57 10.9 9.0 13.4

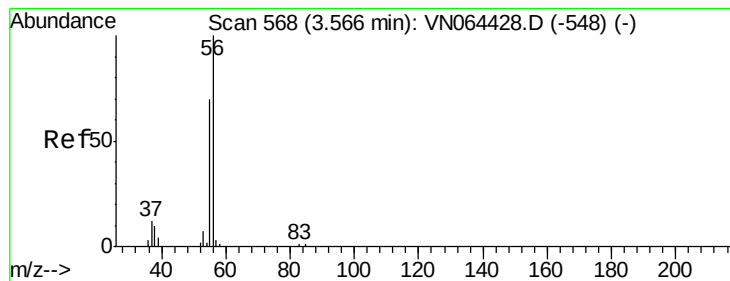


#12

1,1-Dichloroethene
Concen: 48.525 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion: 96 Resp: 160630
Ion Ratio Lower Upper
96 100
61 189.8 149.5 224.3
98 64.6 52.4 78.6





#13

Acrolein

Concen: 256.851 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

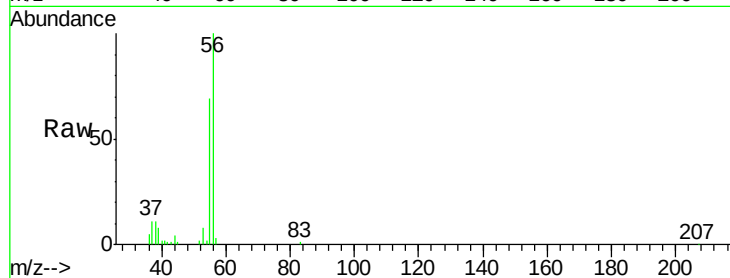
VSTDCCC050EC

Tot Ion: 56 Resp: 94725

Ion Ratio Lower Upper

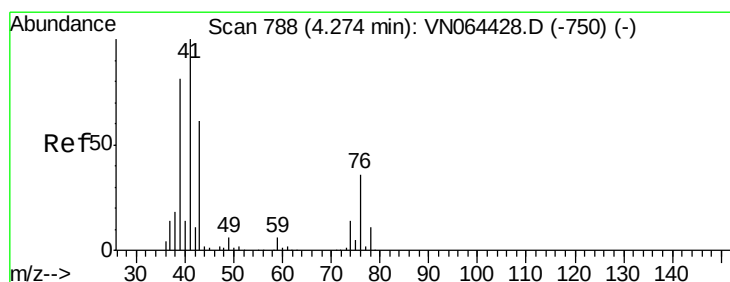
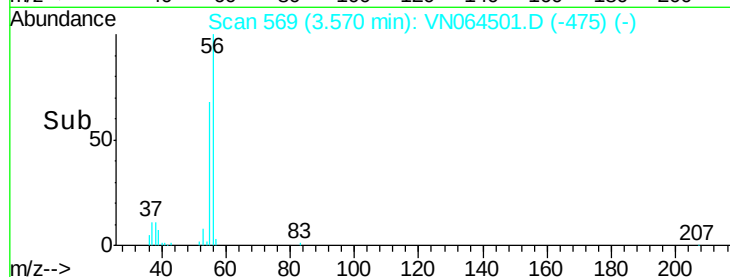
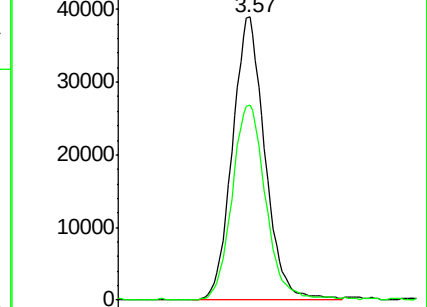
56 100

55 70.7 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.599 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

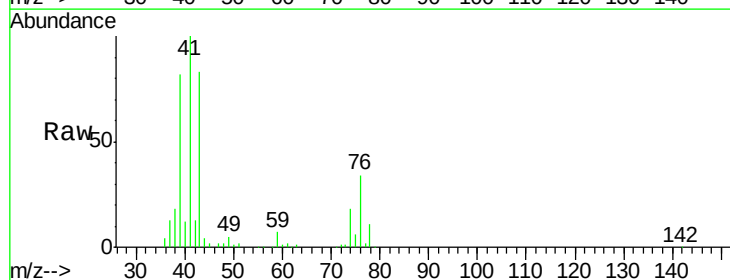
Tgt Ion: 41 Resp: 308229

Ion Ratio Lower Upper

41 100

39 78.7 61.8 92.8

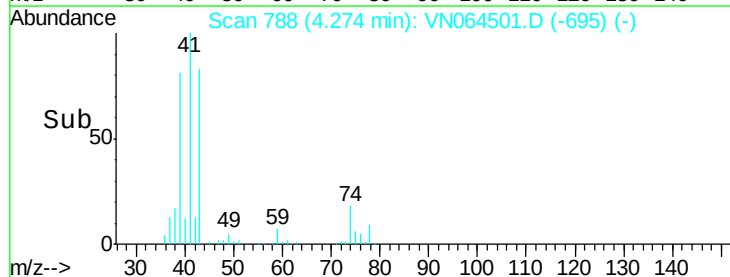
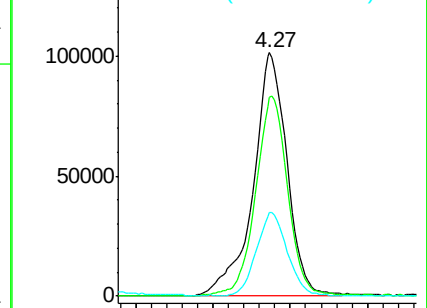
76 31.2 25.4 38.0

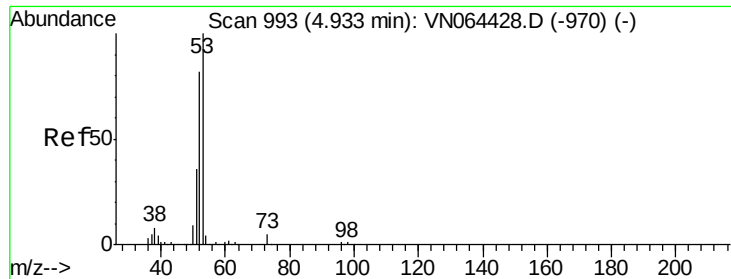


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 297.589 ug/l

RT: 4.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

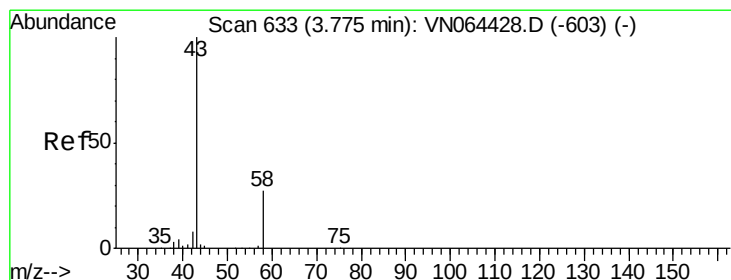
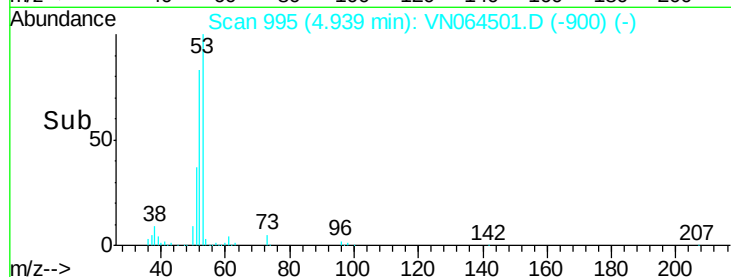
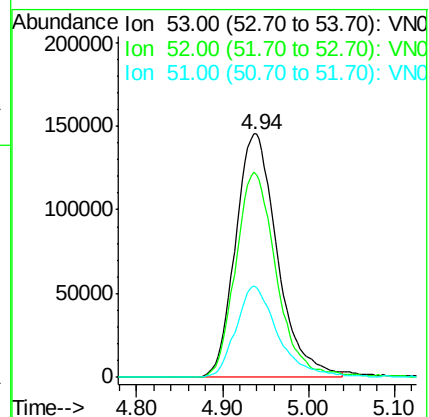
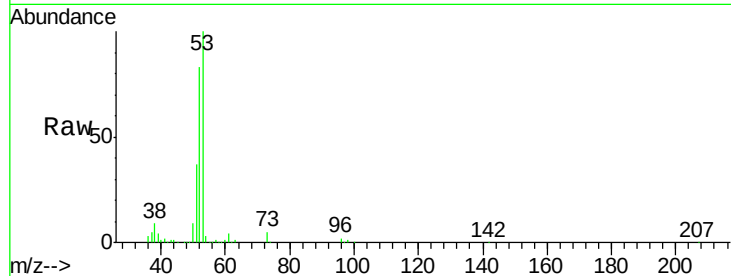
Tot Ion: 53 Resp: 492600

Ion Ratio Lower Upper

53 100

52 81.4 65.6 98.4

51 37.5 29.9 44.9



#16

Acetone

Concen: 231.822 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064501.D

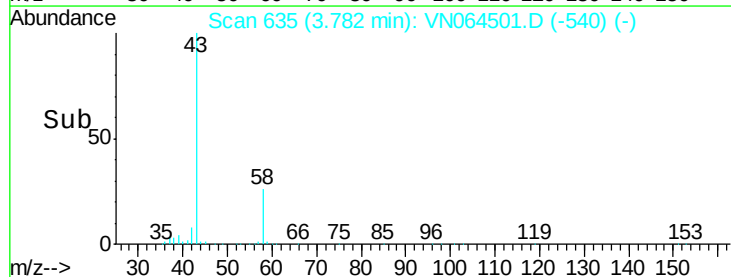
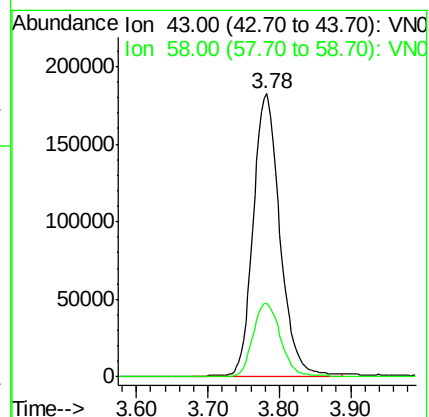
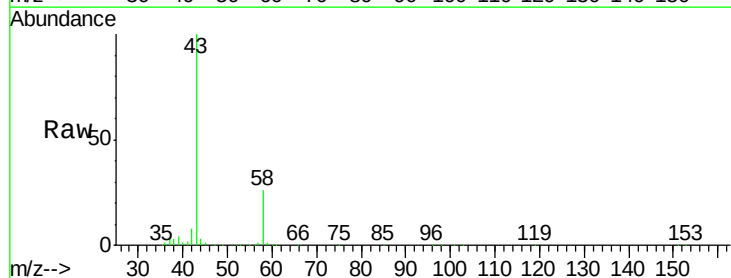
Acq: 6 Nov 2020 22:30

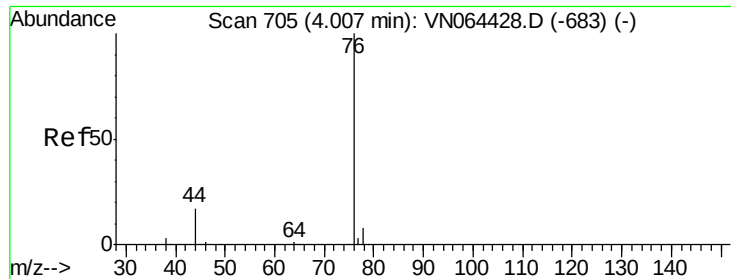
Tgt Ion: 43 Resp: 476084

Ion Ratio Lower Upper

43 100

58 26.1 21.4 32.0

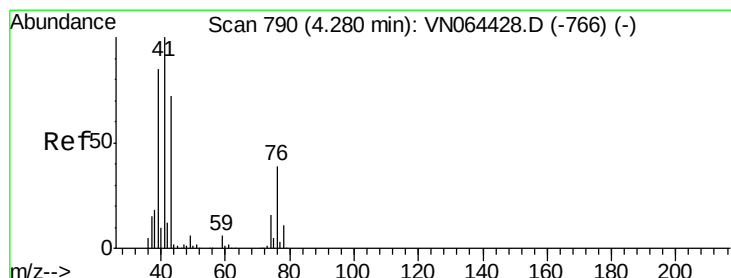
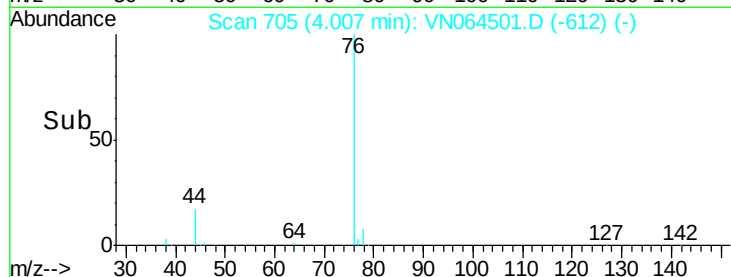
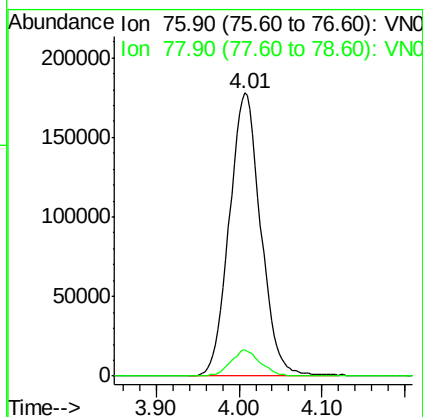
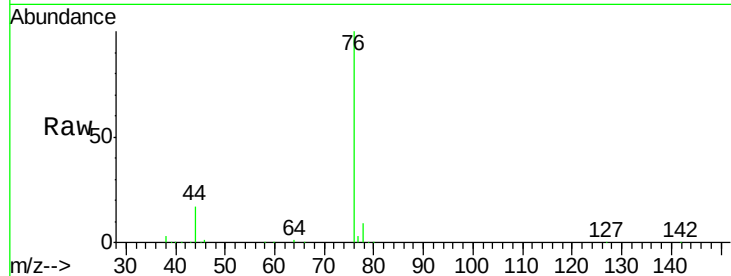




#17
Carbon Disulfide
Concen: 47.460 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

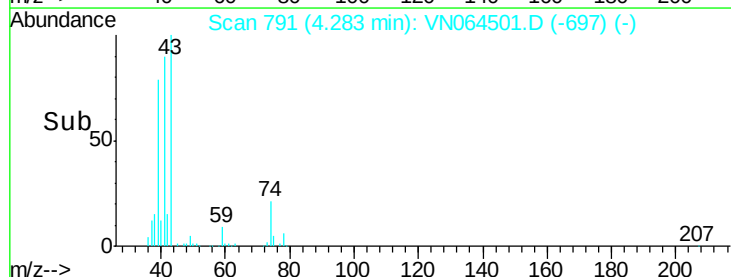
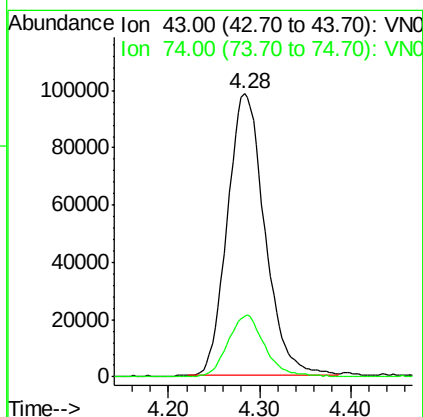
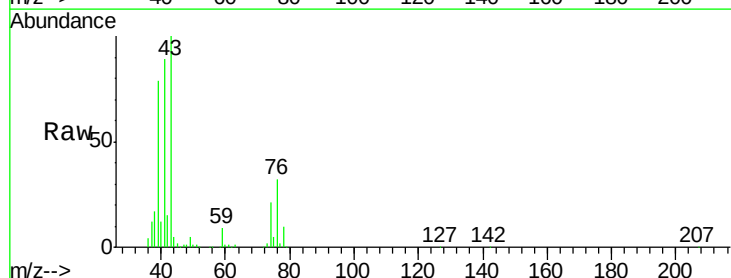
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

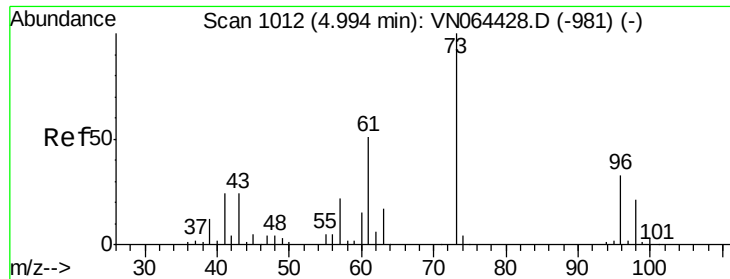
Tot Ion: 76 Resp: 469815
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 69.957 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion: 43 Resp: 282447
Ion Ratio Lower Upper
43 100
74 21.4 17.0 25.4

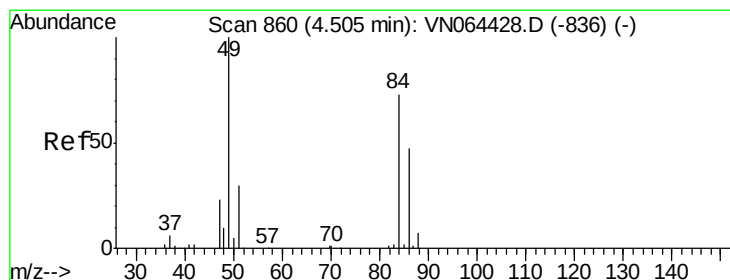
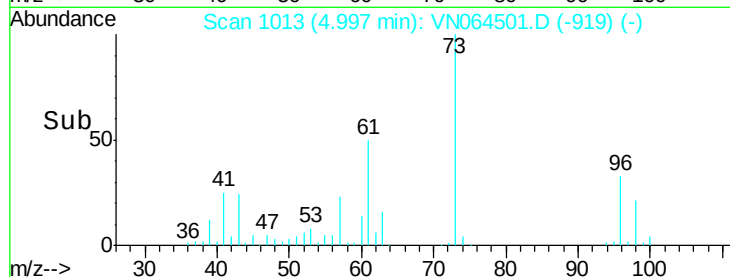
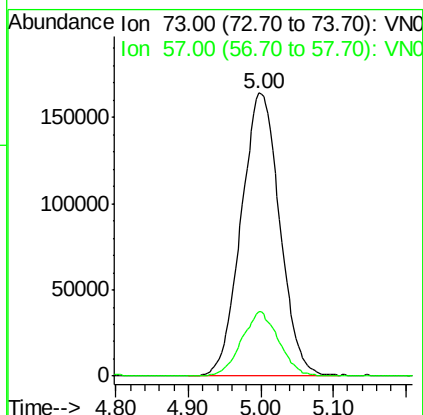
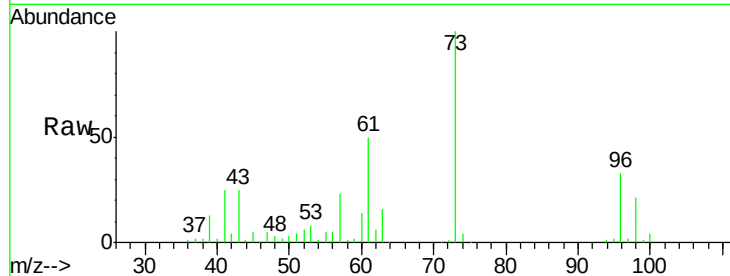




#19
Methvl tert-butvl Ether
Concen: 51.077 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

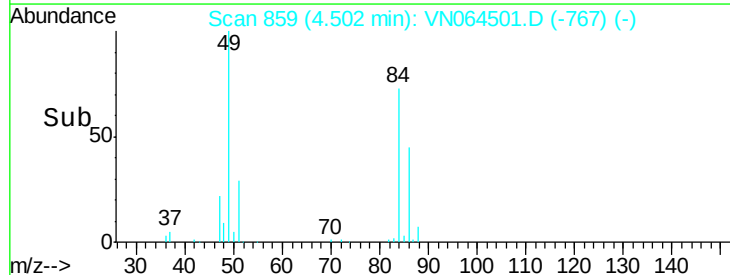
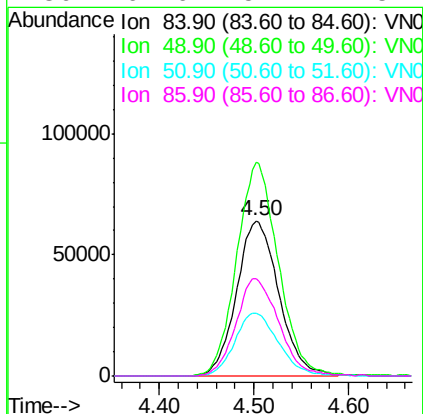
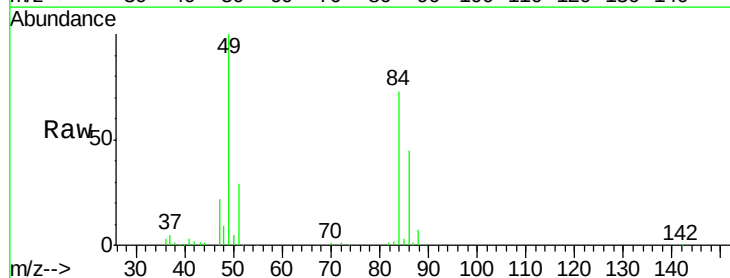
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

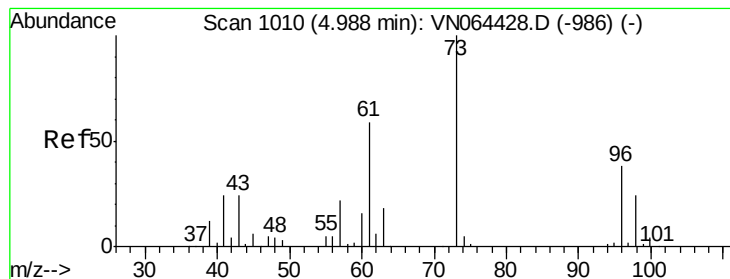
Tot Ion: 73 Resp: 608518
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 48.715 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion: 84 Resp: 198496
Ion Ratio Lower Upper
84 100
49 137.6 110.1 165.1
51 40.1 33.6 50.4
86 62.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 49.387 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

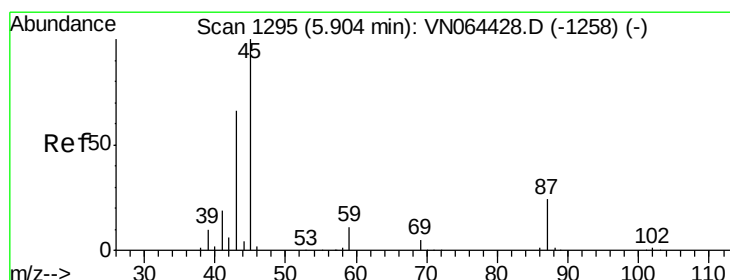
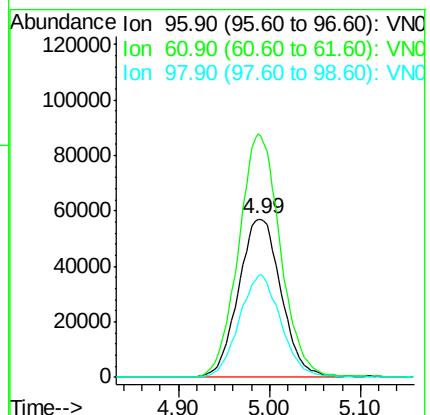
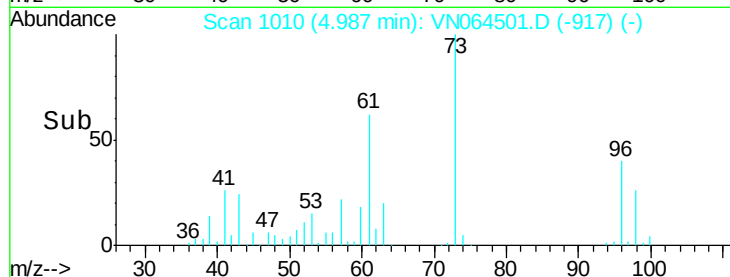
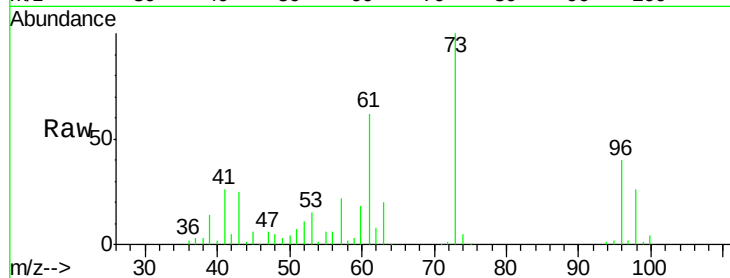
Tot Ion: 96 Resp: 185620

Ion Ratio Lower Upper

96 100

61 153.6 122.4 183.6

98 63.8 50.4 75.6



#22

Diisopropyl ether

Concen: 50.318 ug/l

RT: 5.91 min Scan# 1297

Delta R.T. 0.01 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Tgt Ion: 45 Resp: 691659

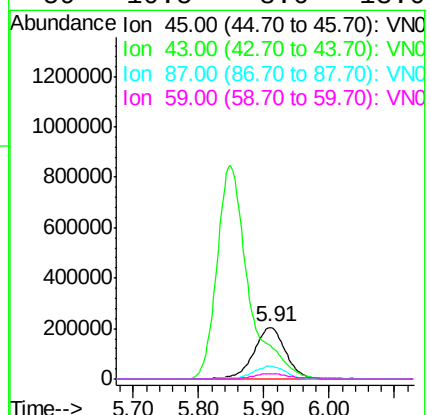
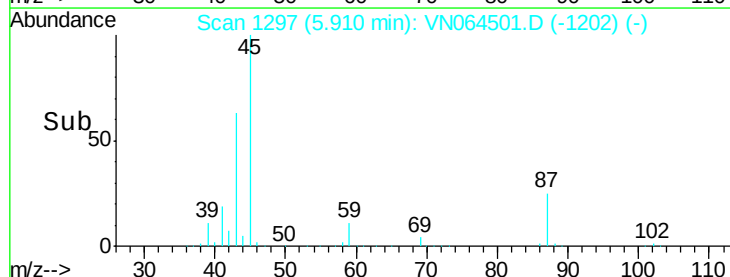
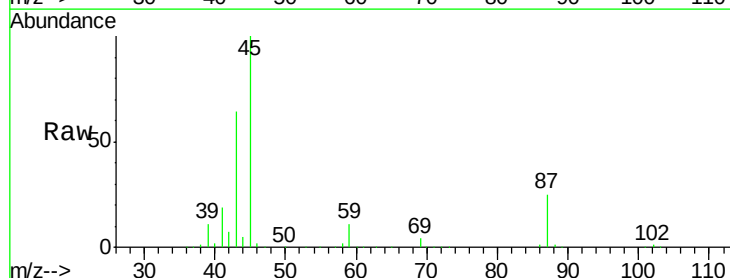
Ion Ratio Lower Upper

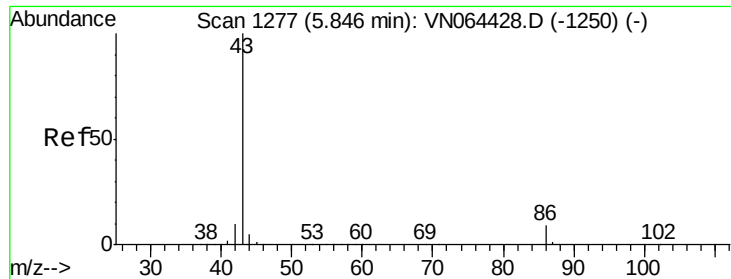
45 100

43 62.5 53.2 79.8

87 24.6 19.9 29.9

59 10.5 8.6 13.0

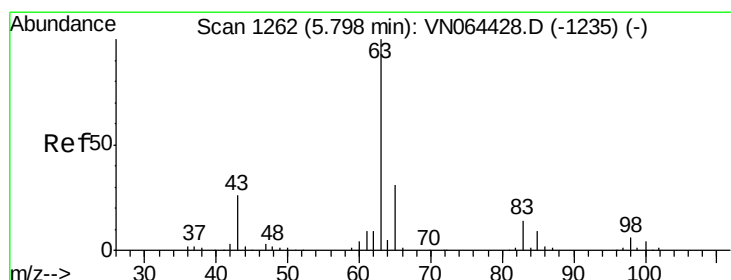
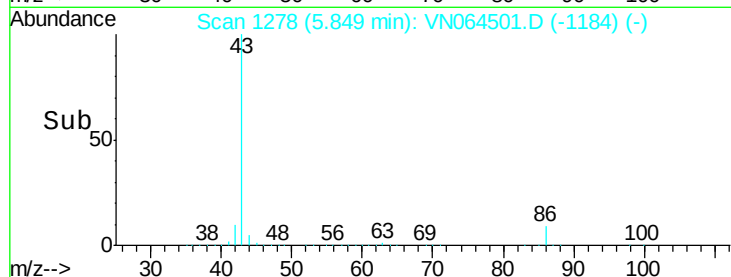
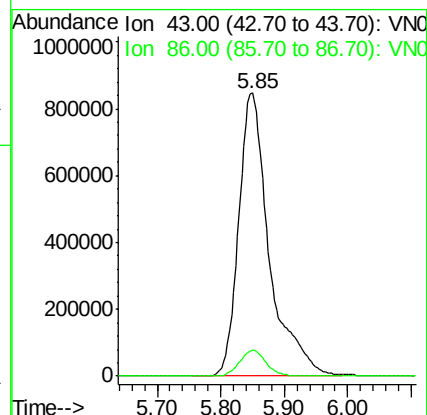
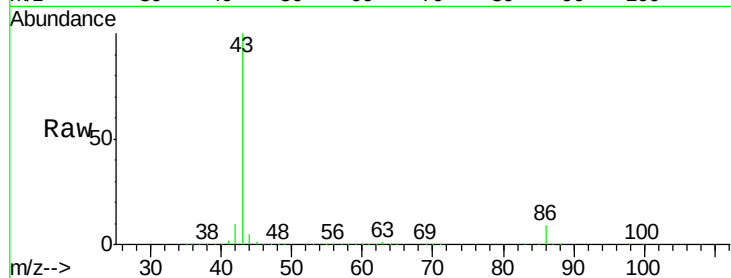




#23
 Vinyl Acetate
 Concen: 253.365 ug/l
 RT: 5.85 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

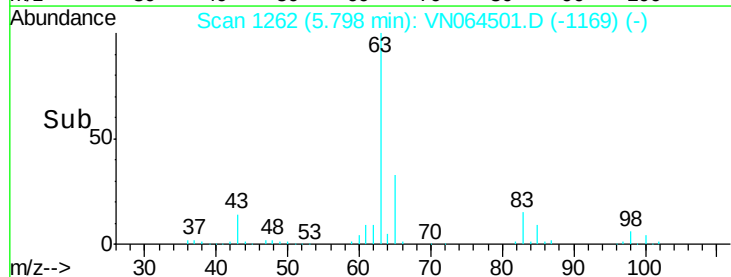
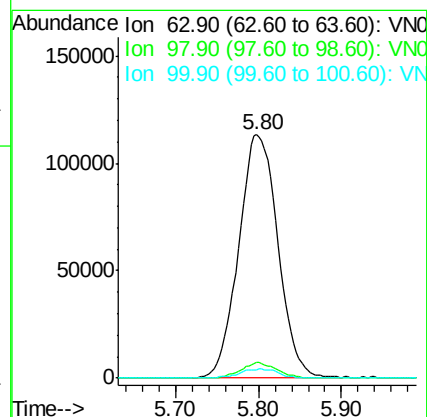
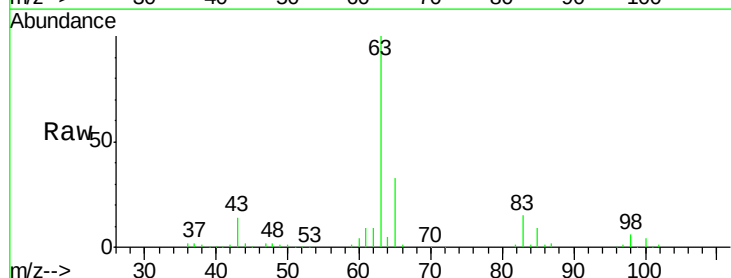
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

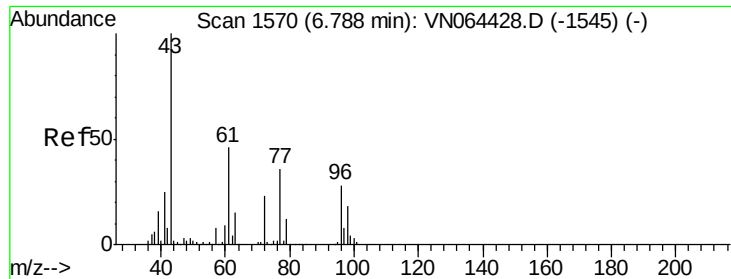
Tot Ion: 43 Resp: 2833169
 Ion Ratio Lower Upper
 43 100
 86 9.1 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 49.366 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion: 63 Resp: 372883
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.0 9.2
 100 3.5 1.8 5.3

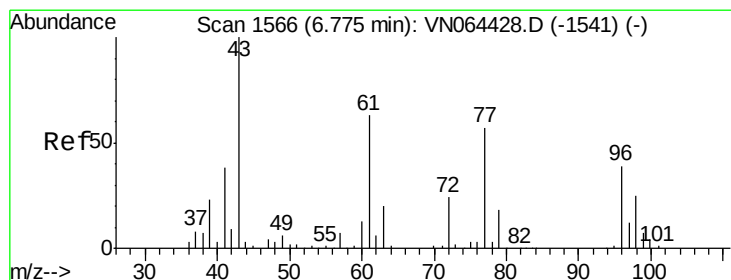
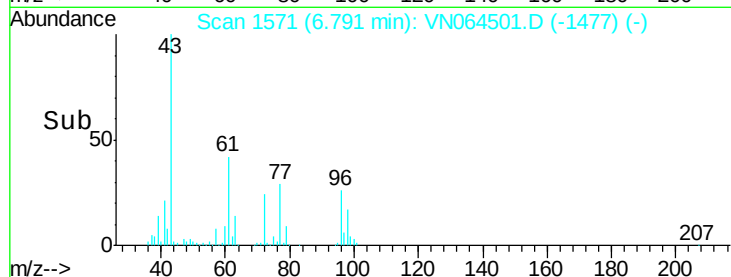
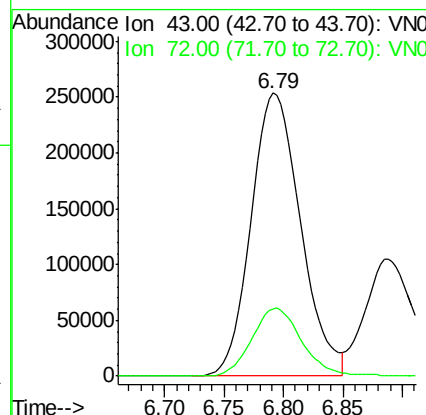
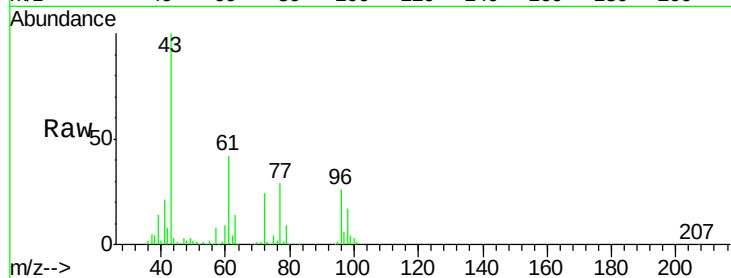




#25
 2-Butanone
 Concen: 279.121 ug/l
 RT: 6.79 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

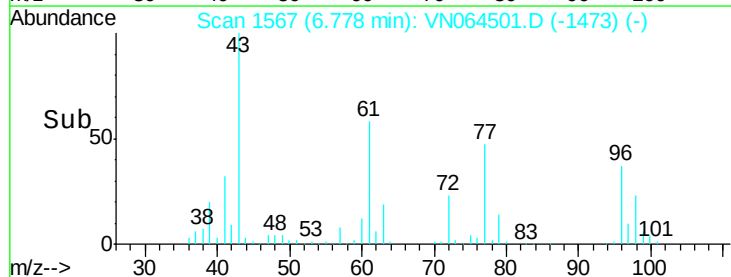
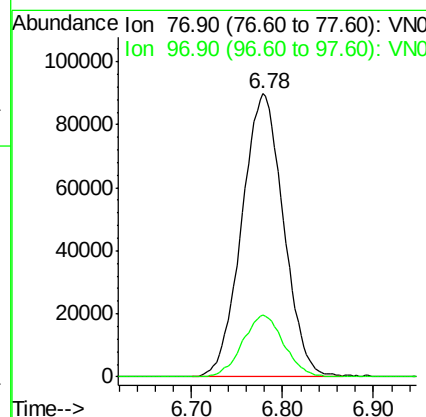
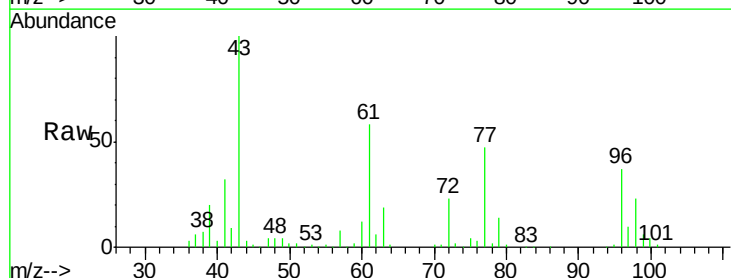
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

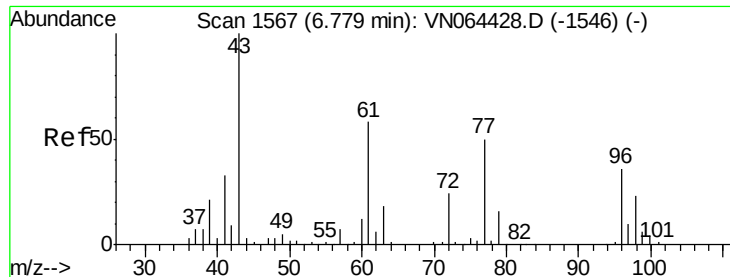
Tot Ion: 43 Resp: 730362
 Ion Ratio Lower Upper
 43 100
 72 23.9 18.5 27.7



#26
 2,2-Dichloropropane
 Concen: 41.797 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion: 77 Resp: 285791
 Ion Ratio Lower Upper
 77 100
 97 21.6 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 48.310 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

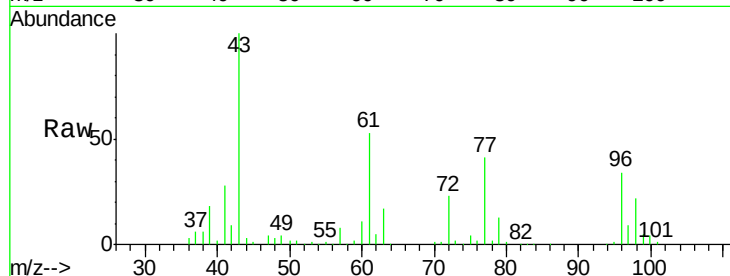
Tot Ion: 96 Resp: 210400

Ion Ratio Lower Upper

96 100

61 160.5 0.0 329.6

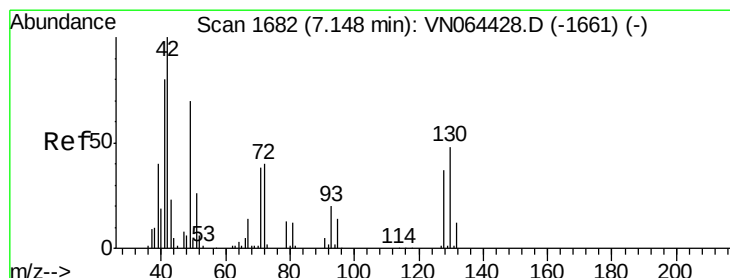
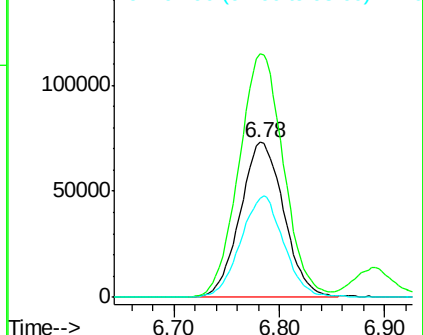
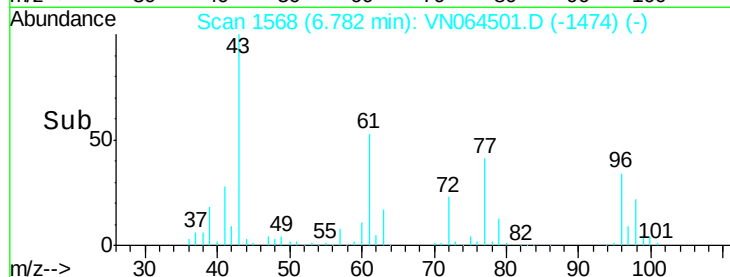
98 64.7 0.0 131.2



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: 49.422 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

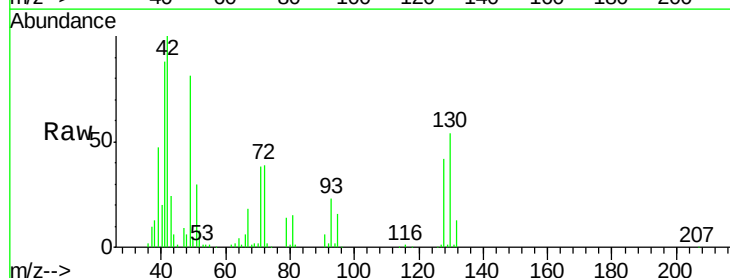
Tgt Ion: 49 Resp: 183492

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.6

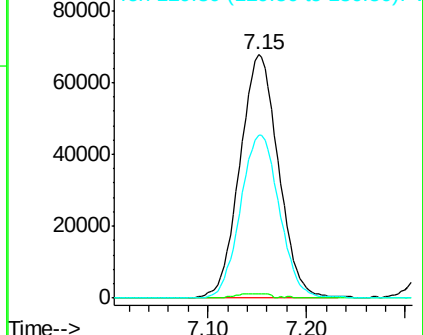
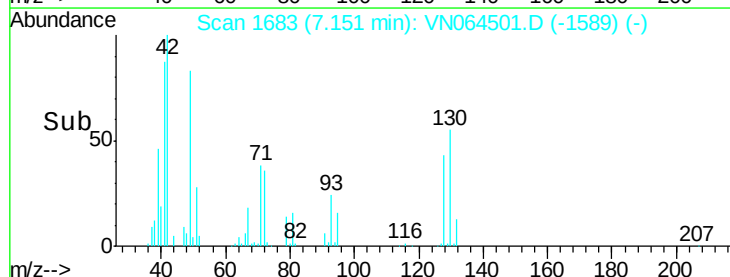
130 67.4 54.2 81.4

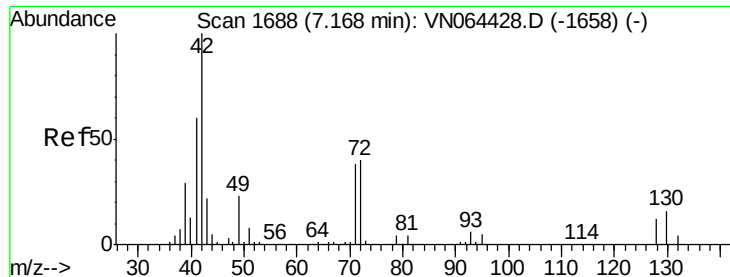


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 291.647 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

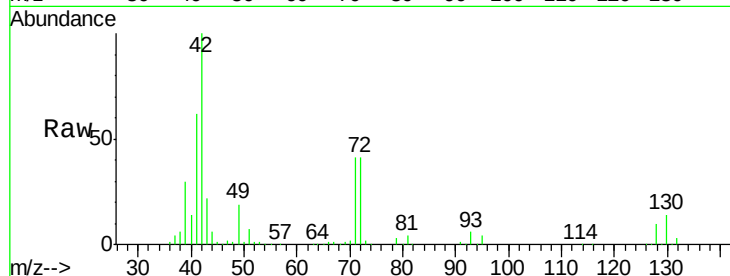
Tot Ion: 42 Resp: 468204

Ion Ratio Lower Upper

42 100

72 39.4 31.7 47.5

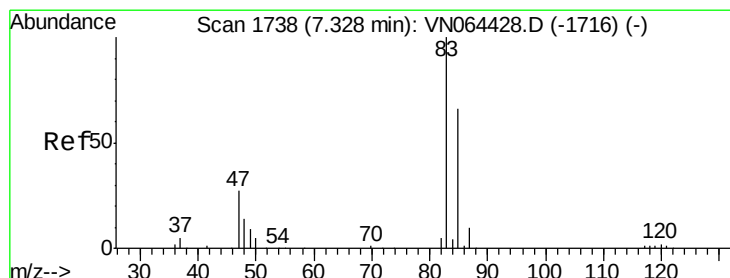
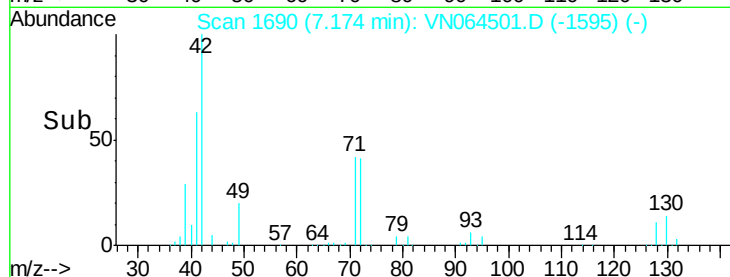
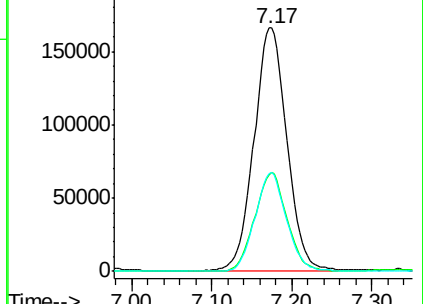
71 38.9 29.8 44.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.736 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064501.D

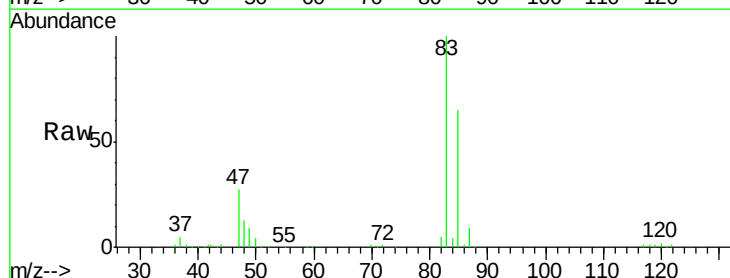
Acq: 6 Nov 2020 22:30

Tgt Ion: 83 Resp: 394893

Ion Ratio Lower Upper

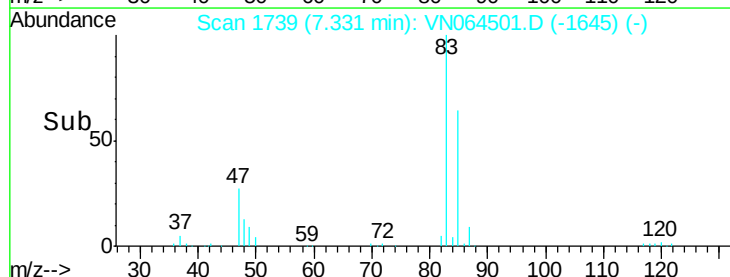
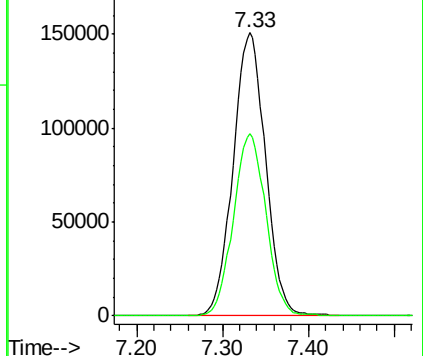
83 100

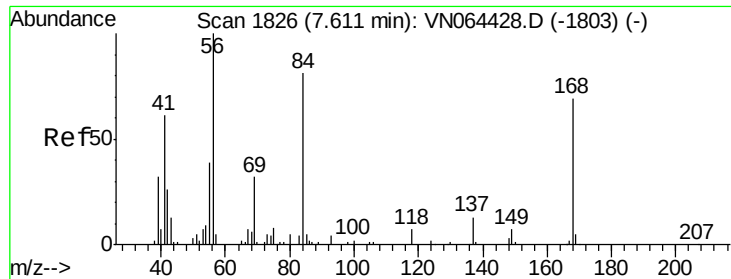
85 64.6 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

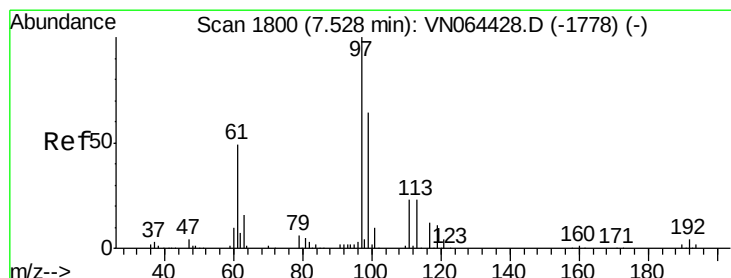
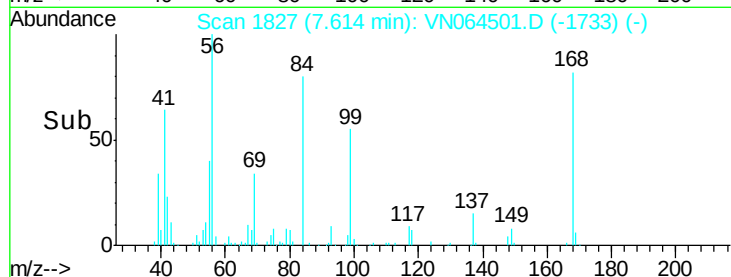
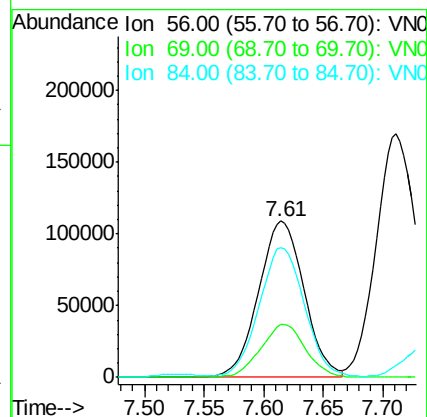
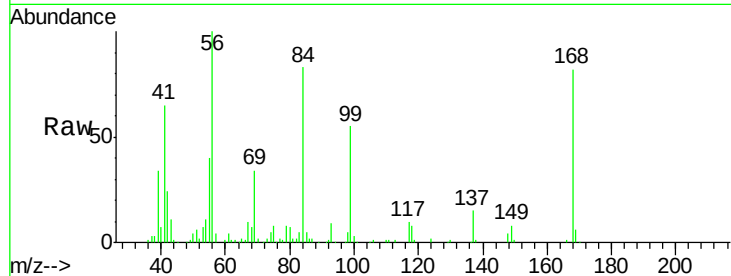




#31
Cyclohexane
Concen: 44.135 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

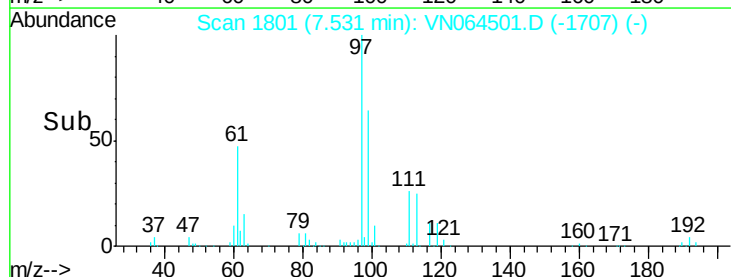
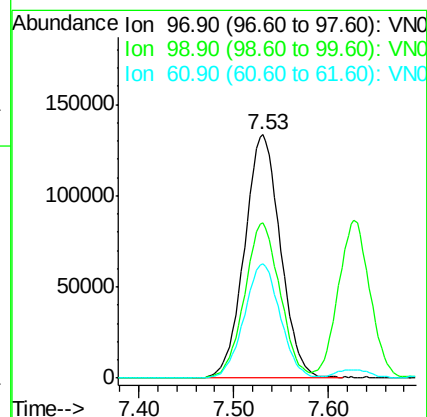
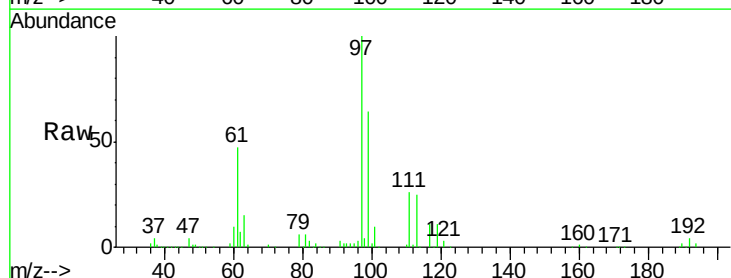
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

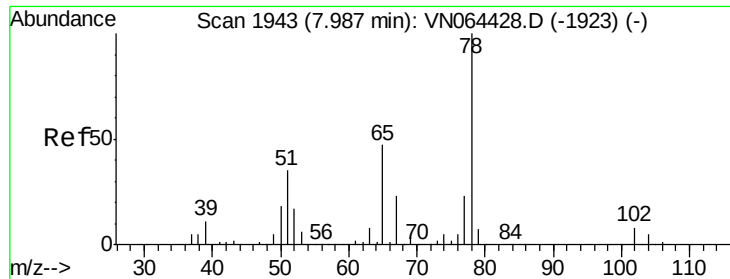
Tot Ion: 56 Resp: 289253
Ion Ratio Lower Upper
56 100
69 34.2 25.6 38.4
84 81.4 63.0 94.6



#32
1,1,1-Trichloroethane
Concen: 49.893 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion: 97 Resp: 351352
Ion Ratio Lower Upper
97 100
99 63.2 51.3 76.9
61 47.1 39.1 58.7

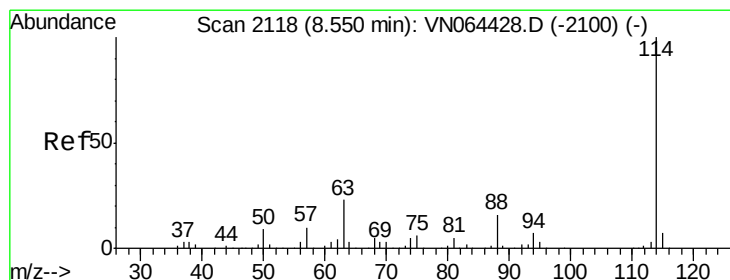
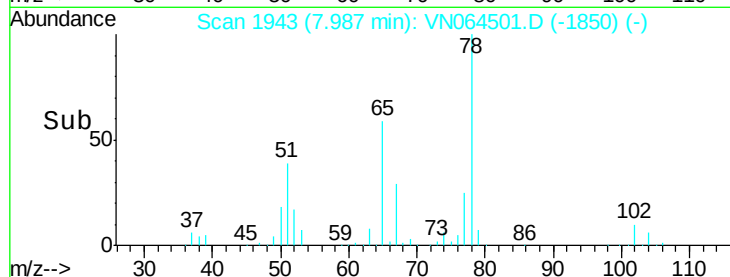
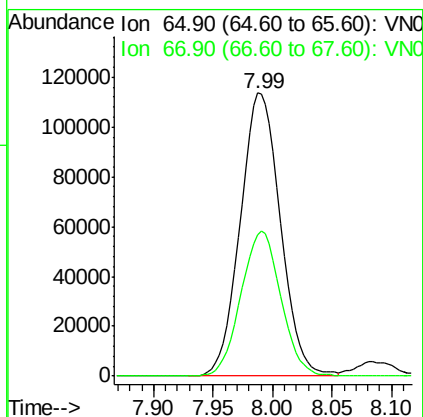
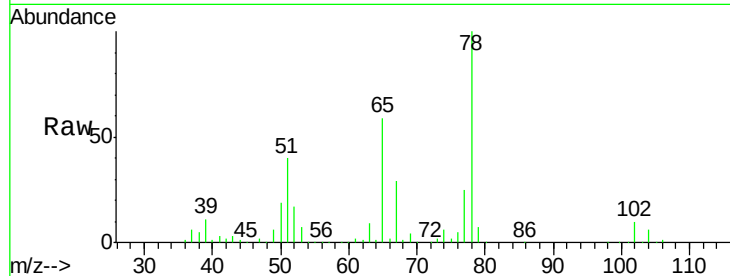




#33
 1,2-Dichloroethane-d4
 Concen: 49.344 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

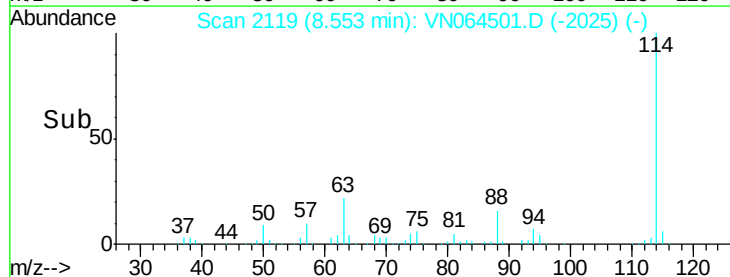
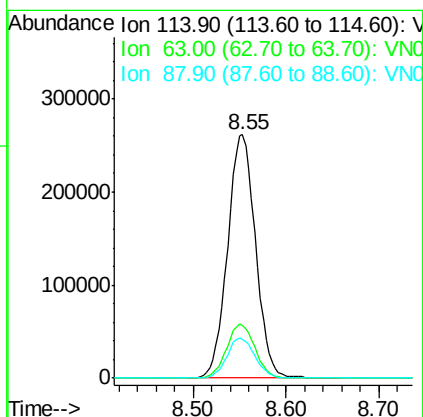
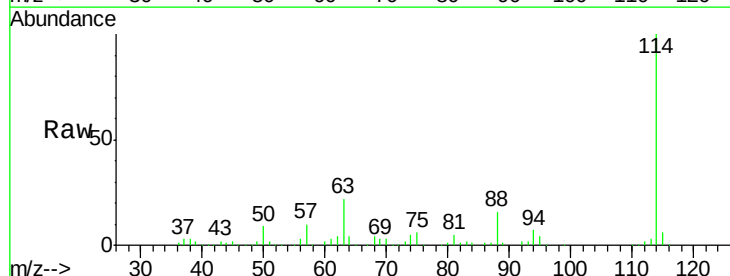
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

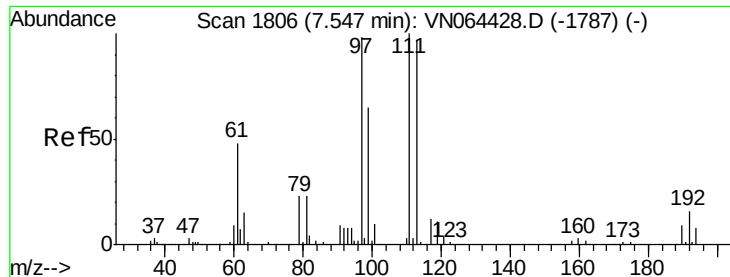
Tot Ion: 65 Resp: 266032
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion: 114 Resp: 546371
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.6
 88 15.9 0.0 32.8

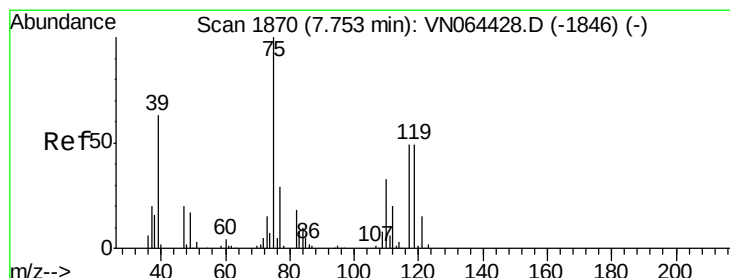
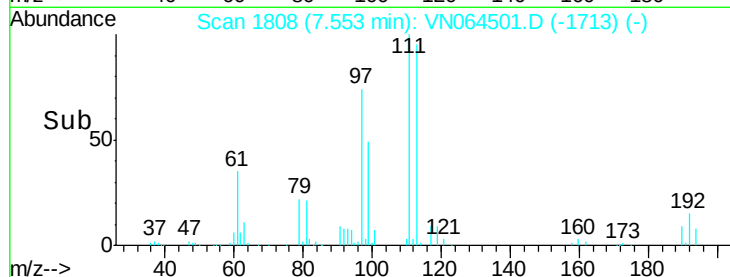
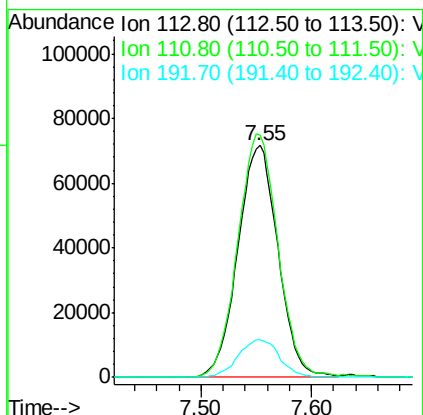
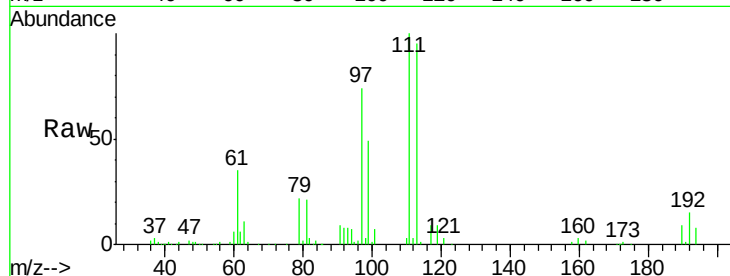




#35
 Dibromofluoromethane
 Concen: 48.666 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

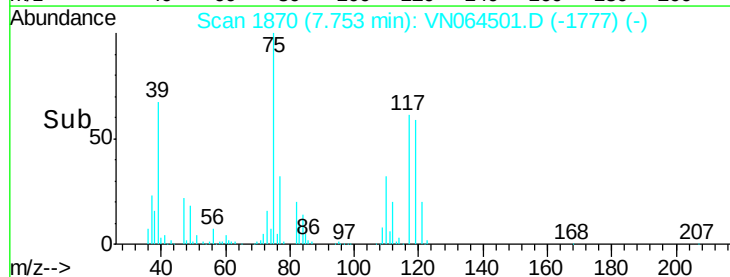
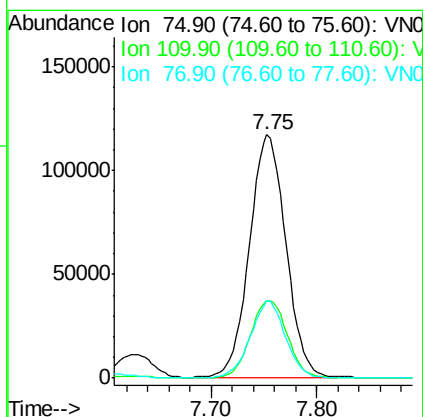
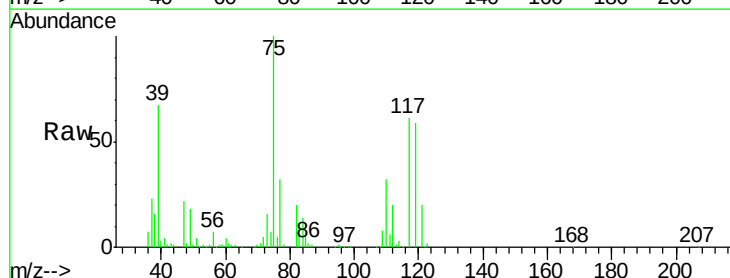
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

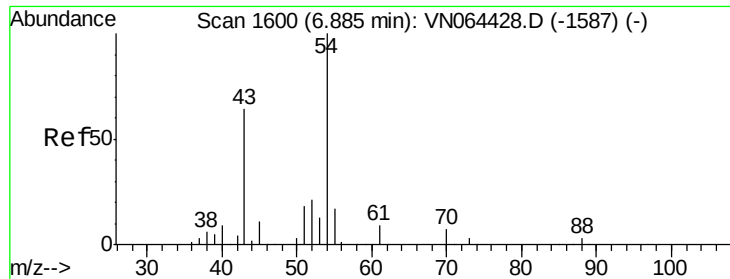
Tot Ion:113 Resp: 181038
 Ion Ratio Lower Upper
 113 100
 111 105.2 81.1 121.7
 192 16.6 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 48.765 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion: 75 Resp: 281472
 Ion Ratio Lower Upper
 75 100
 110 32.5 16.0 48.0
 77 30.8 24.0 36.0

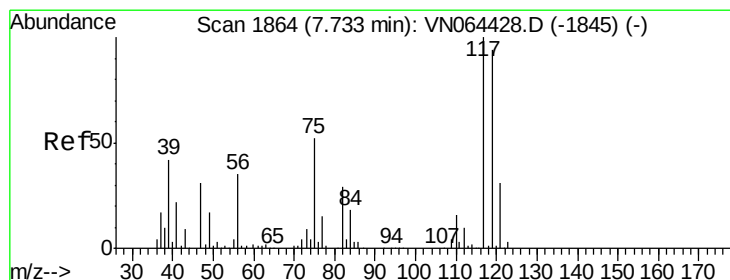
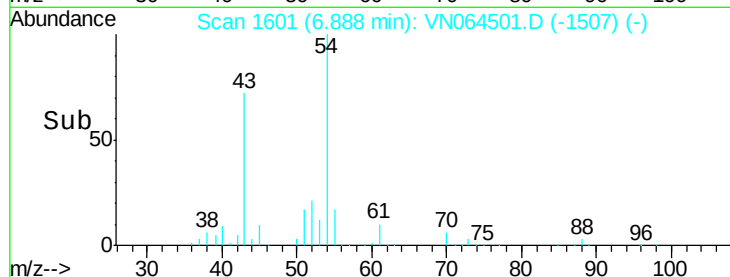
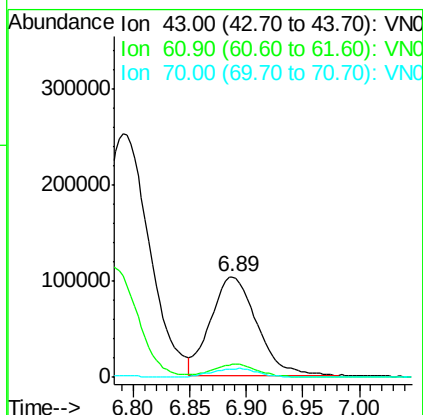
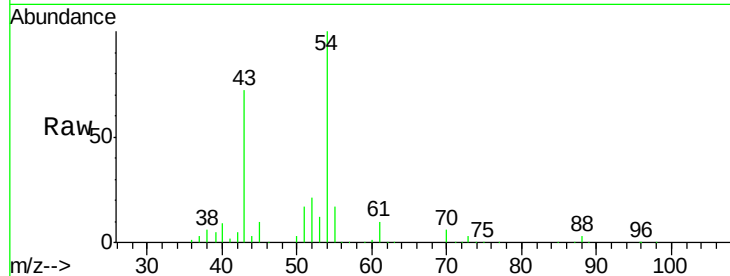




#37
Ethyl Acetate
Concen: 50.138 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

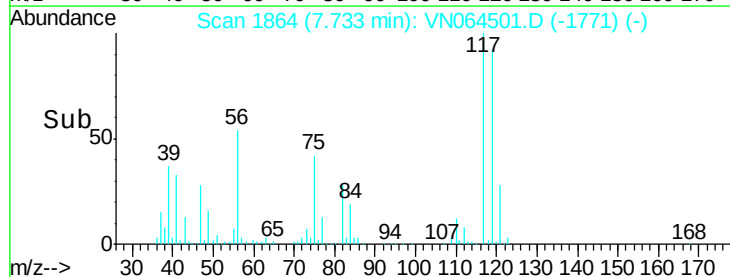
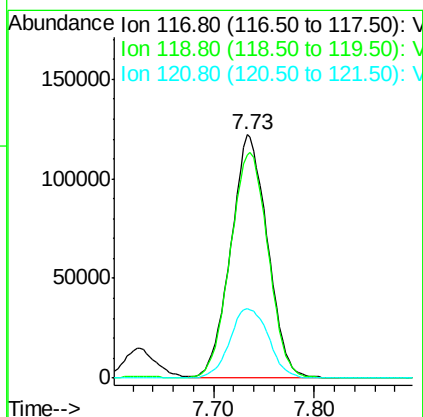
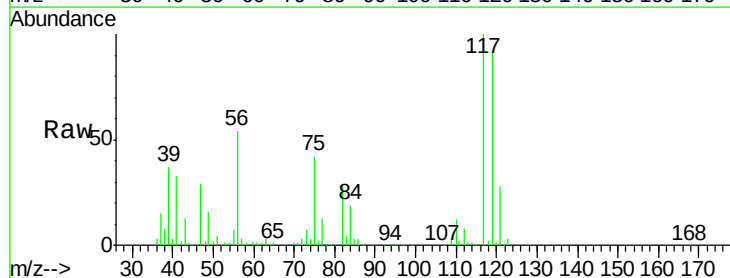
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

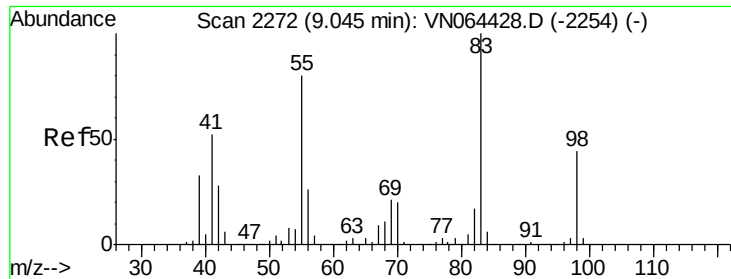
Tot Ion: 43 Resp: 293731
Ion Ratio Lower Upper
43 100
61 12.2 10.0 15.0
70 8.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.902 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion: 117 Resp: 307840
Ion Ratio Lower Upper
117 100
119 91.6 75.5 113.3
121 28.5 24.4 36.6

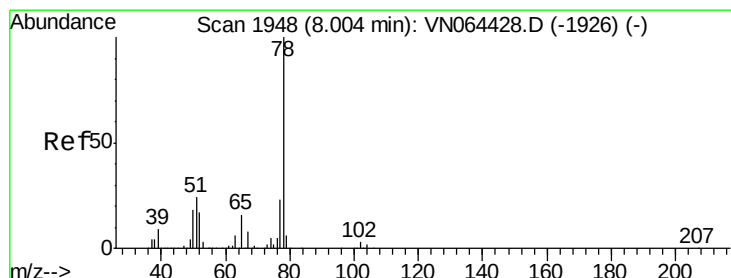
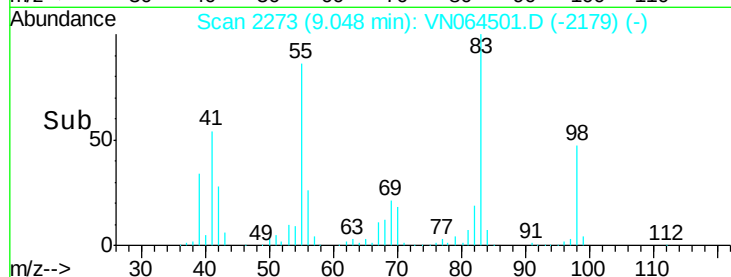
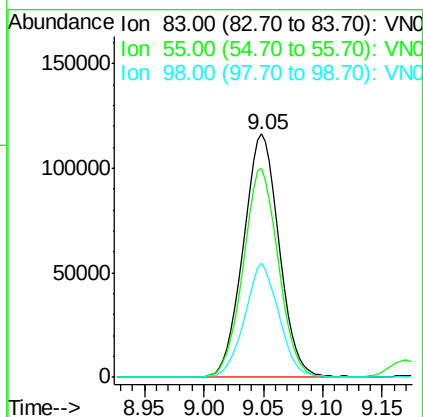
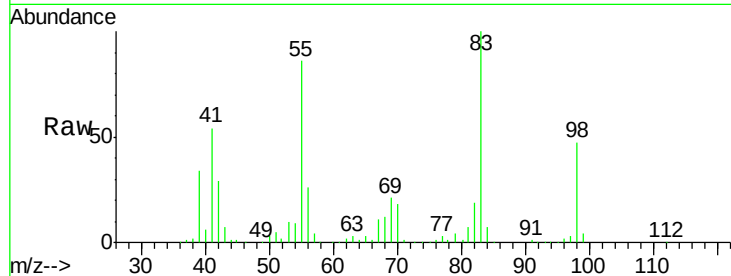




#39
Methylvlcyclohexane
Concen: 46.824 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

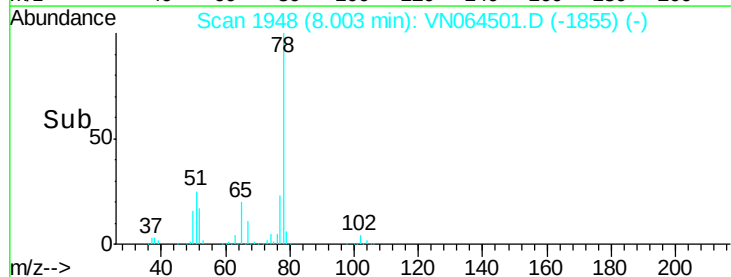
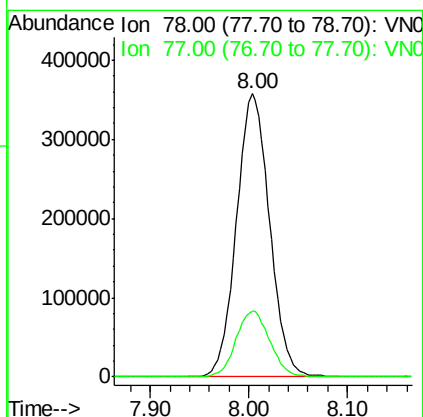
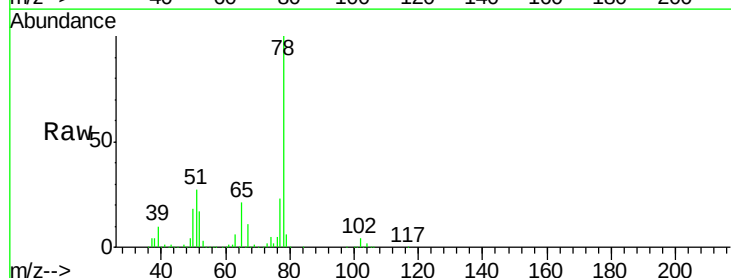
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

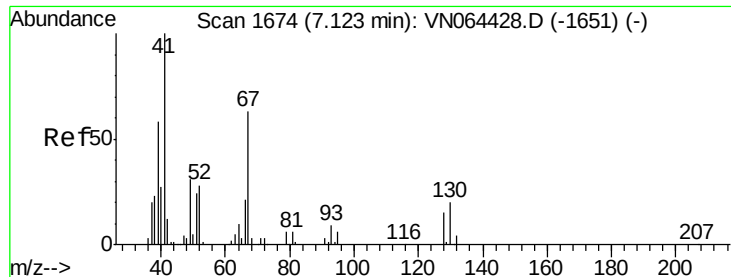
Tot Ion: 83 Resp: 242280
Ion Ratio Lower Upper
83 100
55 85.9 63.8 95.6
98 46.7 35.4 53.2



#40
Benzene
Concen: 49.013 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion: 78 Resp: 831310
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1

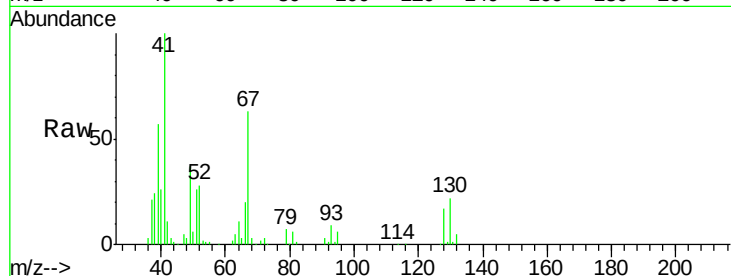




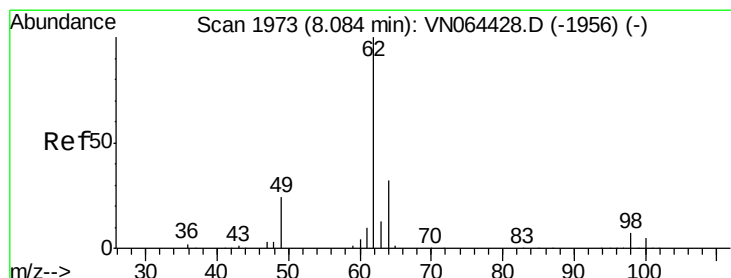
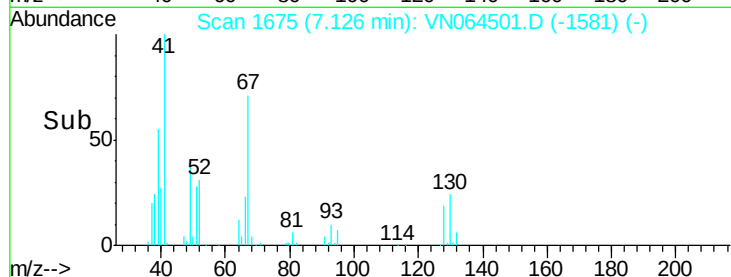
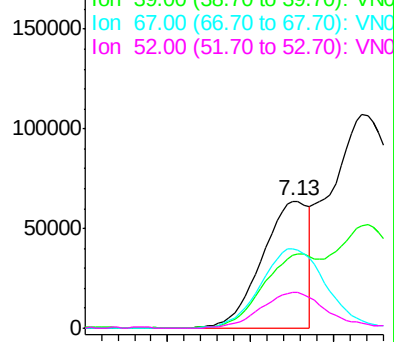
#41
Methacrylonitrile
Concen: 48.719 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	124673
Ion	Ratio	Lower	Upper
41	100		
39	67.7	50.0	75.0
67	88.8	68.3	102.5
52	40.3	32.7	49.1

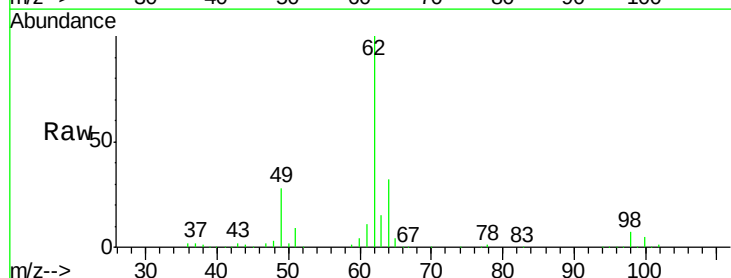


Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-1651) (-)

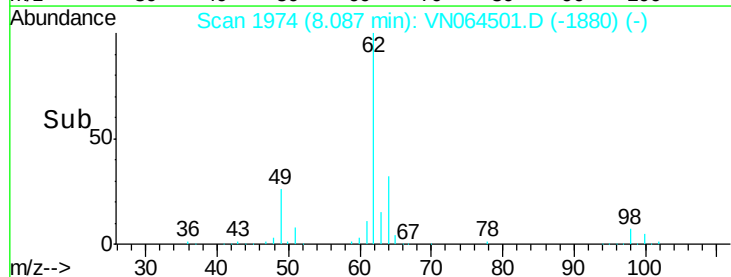
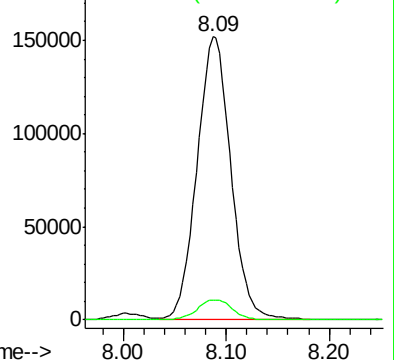


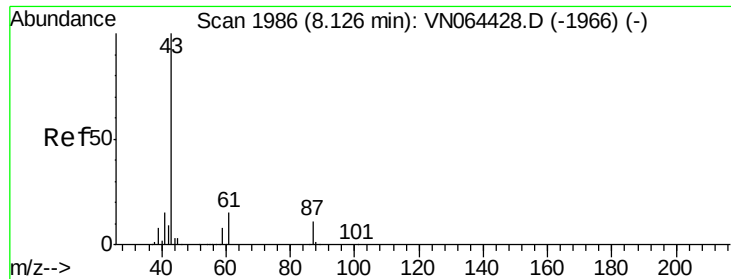
#42
1,2-Dichloroethane
Concen: 50.489 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion:	62	Resp:	345587
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	14.0



Abundance Ion 61.90 (61.60 to 62.60): VN064428.D (-1956) (-)





#43

Isopropyl Acetate

Concen: 54.051 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

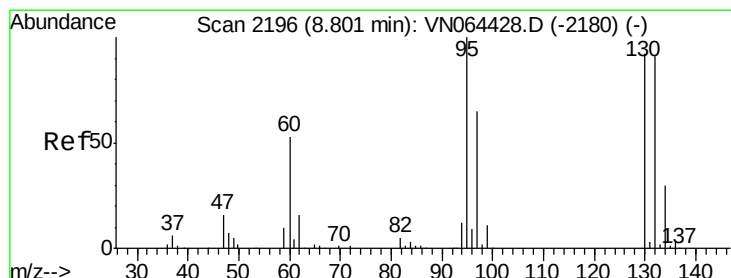
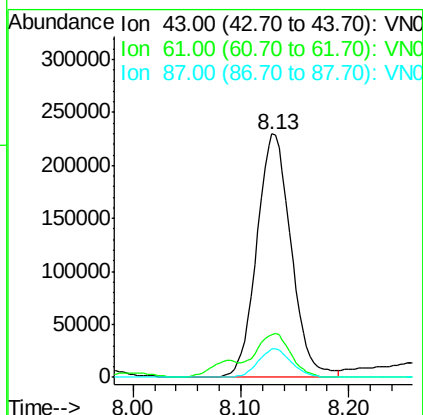
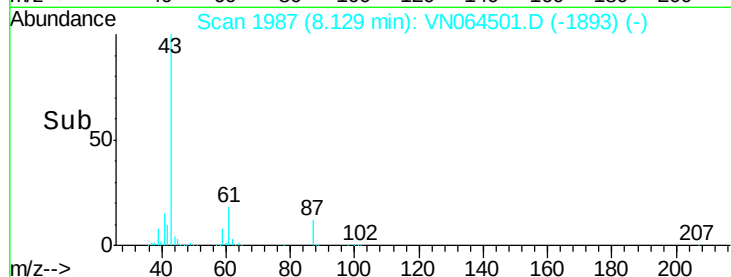
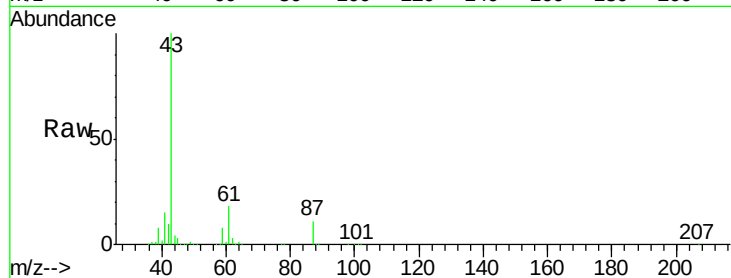
Tot Ion: 43 Resp: 505594

Ion Ratio Lower Upper

43 100

61 17.5 14.0 21.0

87 11.4 9.1 13.7



#44

Trichloroethene

Concen: 47.306 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064501.D

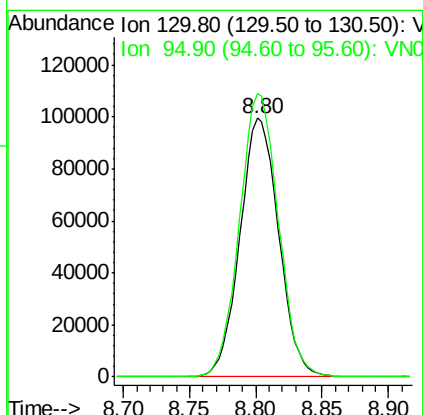
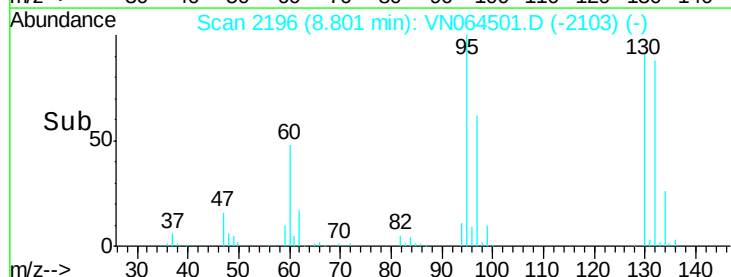
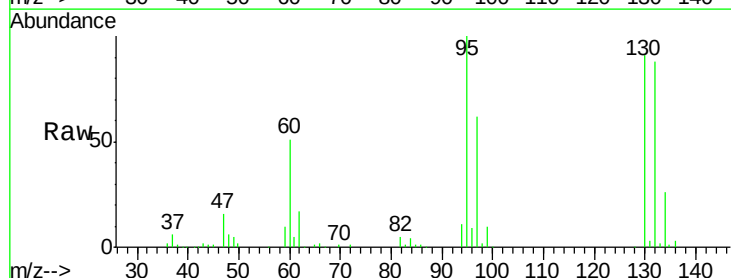
Acq: 6 Nov 2020 22:30

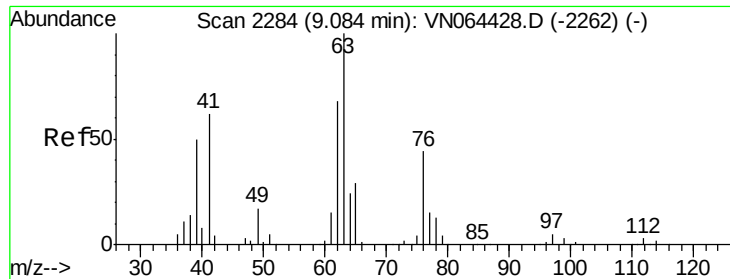
Tgt Ion:130 Resp: 202434

Ion Ratio Lower Upper

130 100

95 109.5 0.0 216.8

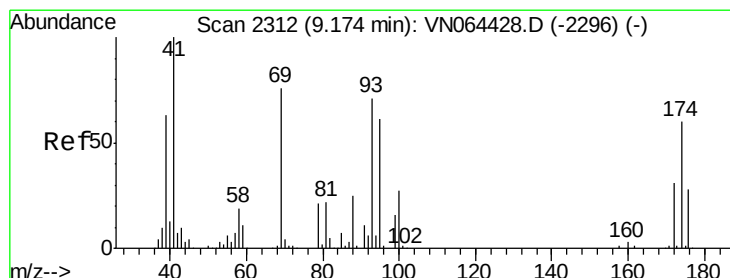
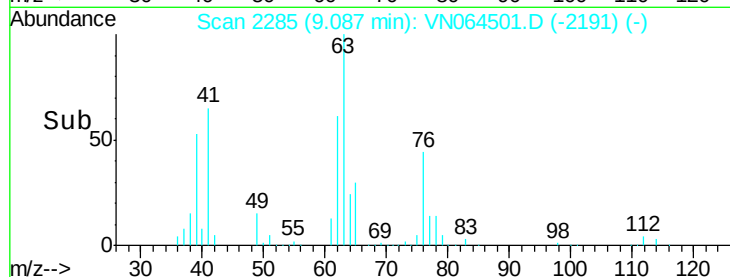
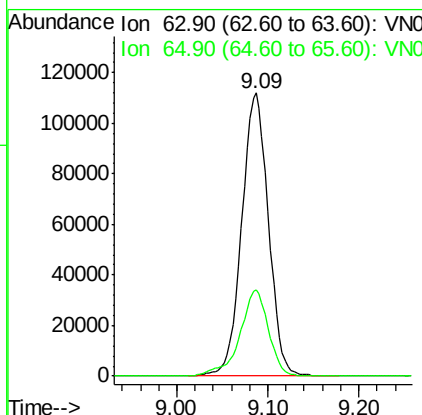
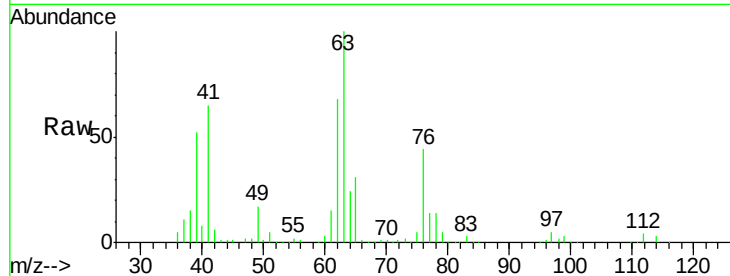




#45
 1,2-Dichloropropane
 Concen: 50.447 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

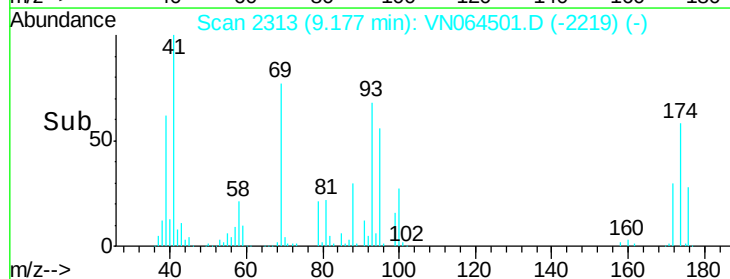
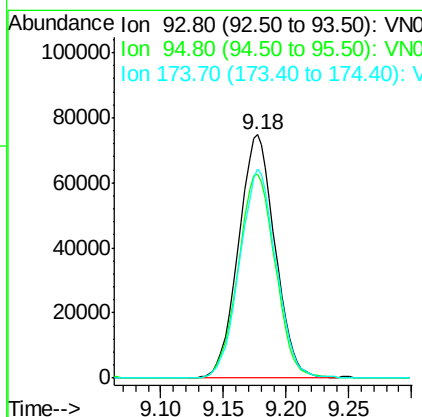
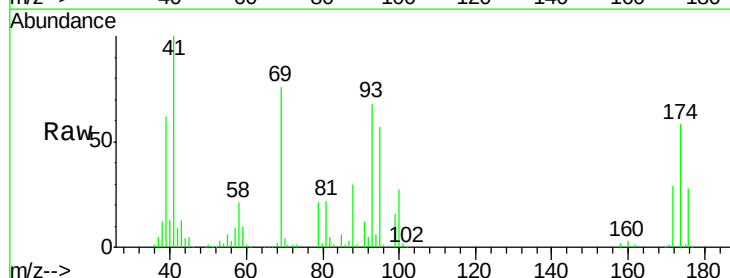
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

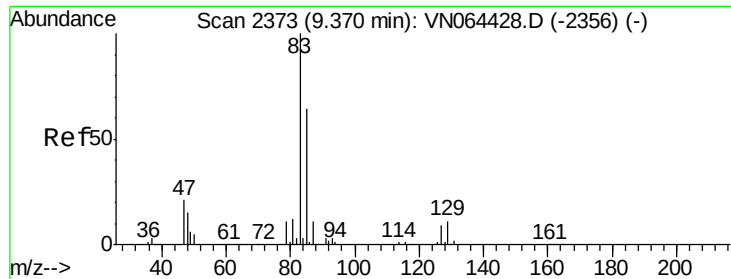
Tot Ion: 63 Resp: 228303
 Ion Ratio Lower Upper
 63 100
 65 30.4 23.6 35.4



#46
 Dibromomethane
 Concen: 50.852 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion: 93 Resp: 151498
 Ion Ratio Lower Upper
 93 100
 95 85.3 66.4 99.6
 174 86.0 67.2 100.8





#47

Bromodichloromethane

Concen: 51.130 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

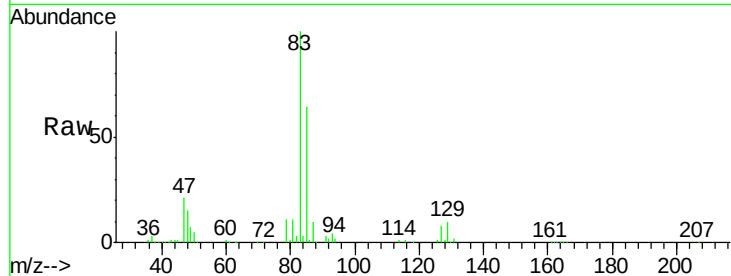
Tot Ion: 83 Resp: 327527

Ion Ratio Lower Upper

83 100

85 64.4 51.2 76.8

127 8.3 6.9 10.3

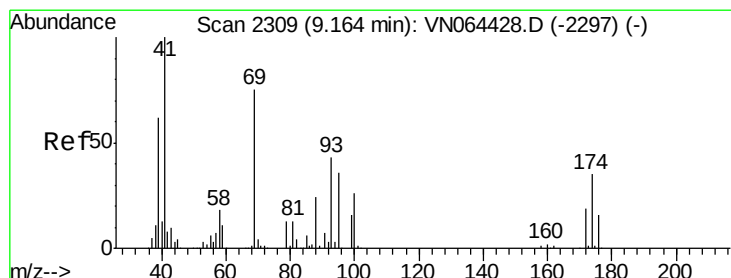
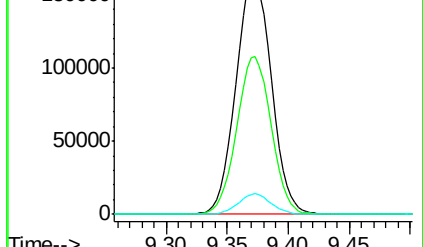
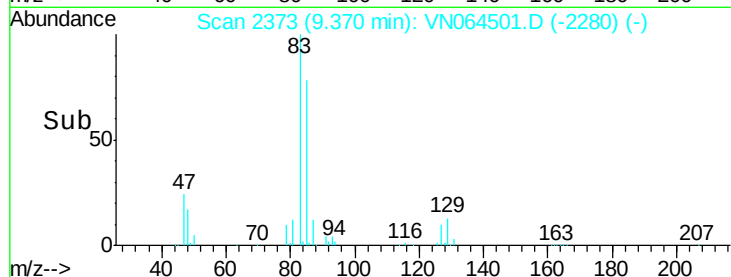


Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064428.D (-2356) (-)

Time-->



#48

Methyl methacrylate

Concen: 55.364 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

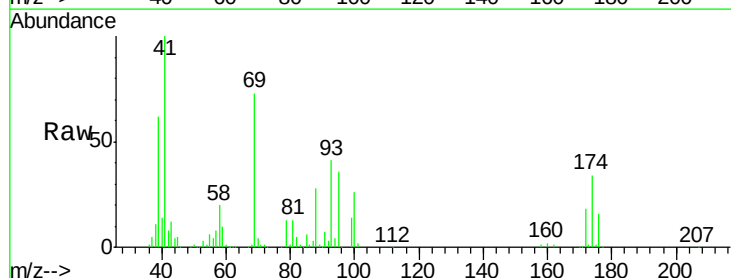
Tgt Ion: 41 Resp: 261322

Ion Ratio Lower Upper

41 100

69 75.3 60.4 90.6

39 62.0 51.2 76.8

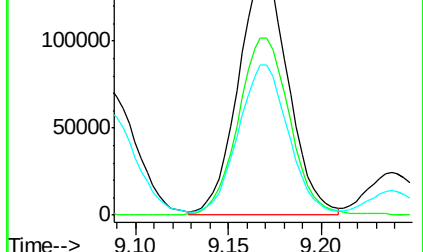
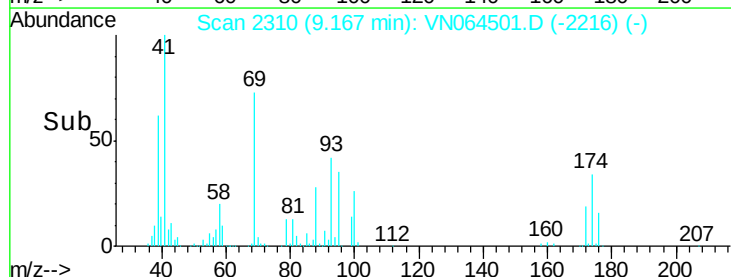


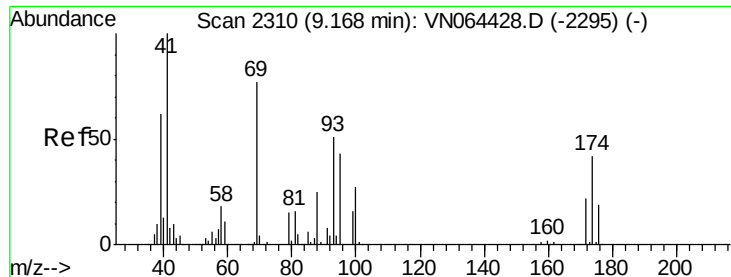
Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064428.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-2297) (-)

Time-->





#49

1,4-Dioxane

Concen: 1272.170 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

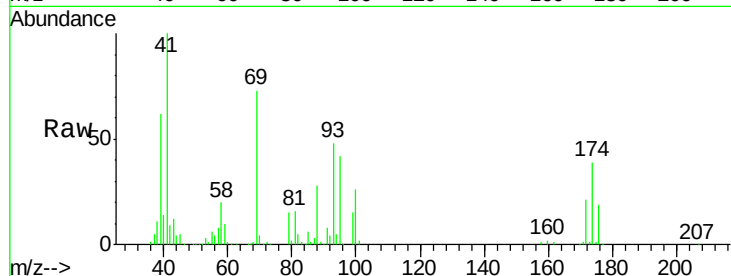
Tot Ion: 88 Resp: 79091

Ion Ratio Lower Upper

88 100

43 37.4 31.0 46.6

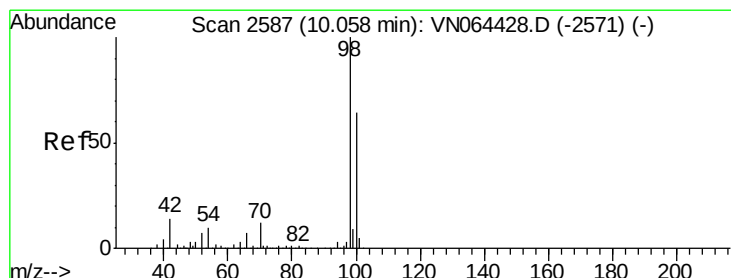
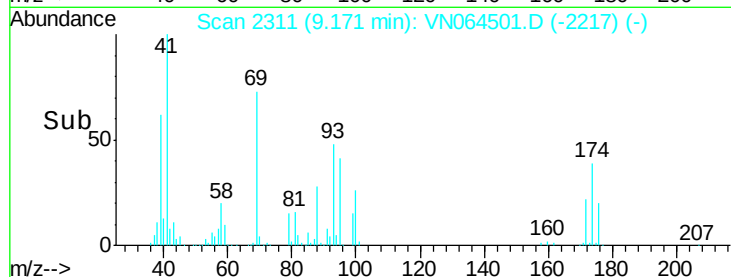
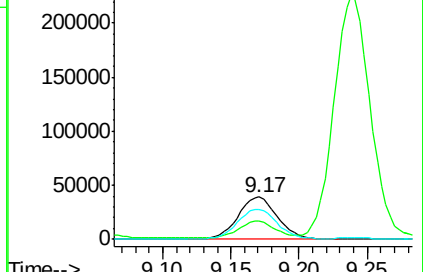
58 72.0 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN064428.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN064428.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2295) (-)



#50

Toluene-d8

Concen: 47.849 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064501.D

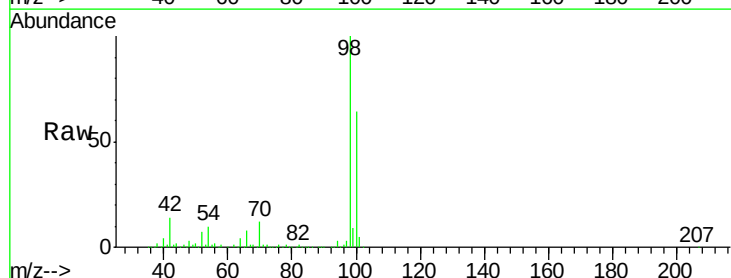
Acq: 6 Nov 2020 22:30

Tgt Ion: 98 Resp: 687965

Ion Ratio Lower Upper

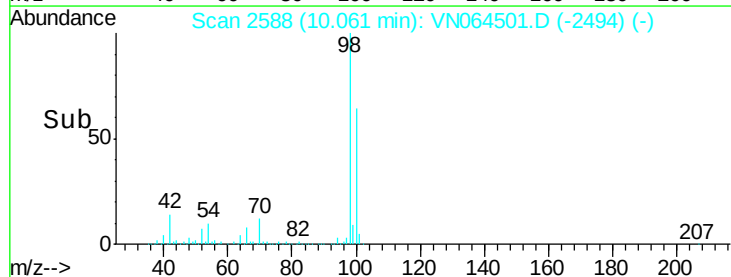
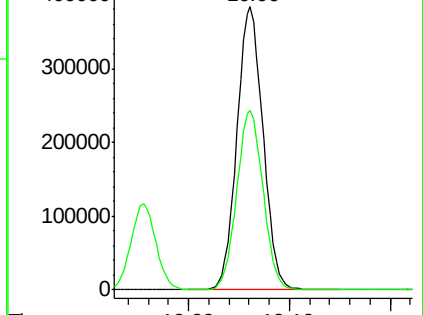
98 100

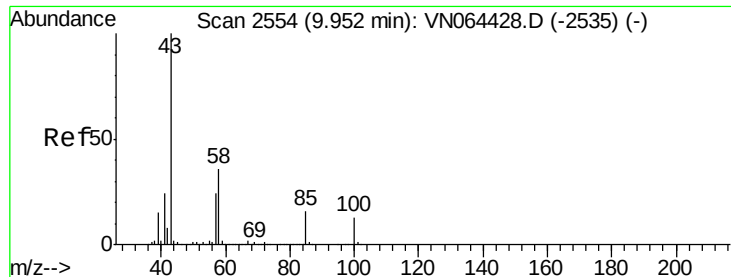
100 63.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 297.926 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

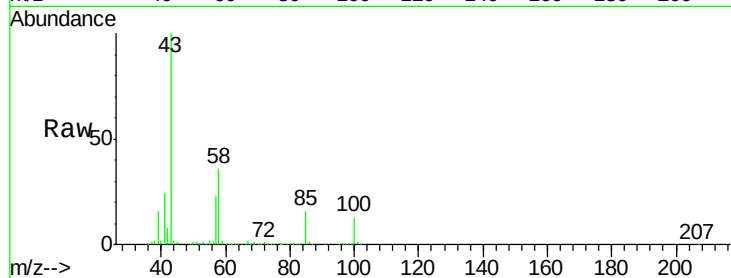
VSTDCCC050EC

Tot Ion: 43 Resp: 1625193

Ion Ratio Lower Upper

43 100

58 35.7 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.96

800000

600000

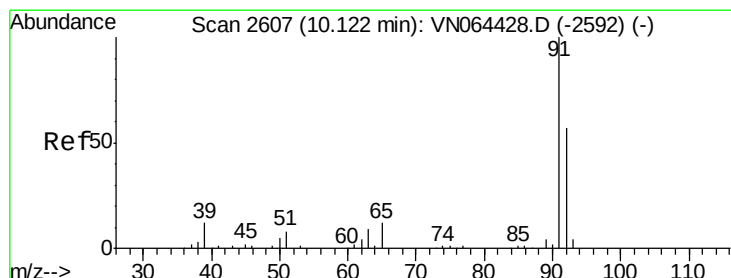
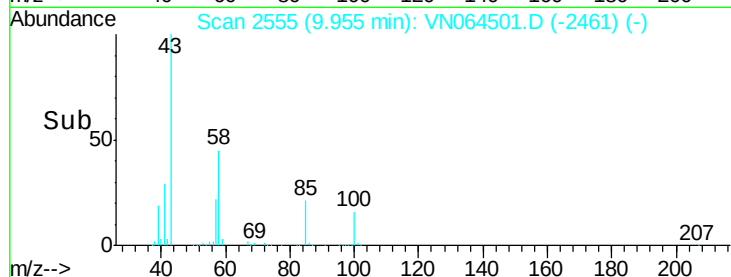
400000

200000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 51.057 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064501.D

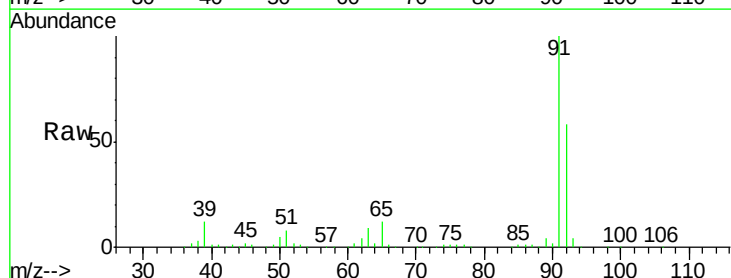
Acq: 6 Nov 2020 22:30

Tgt Ion: 92 Resp: 528175

Ion Ratio Lower Upper

92 100

91 175.2 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

10.13

600000

500000

400000

300000

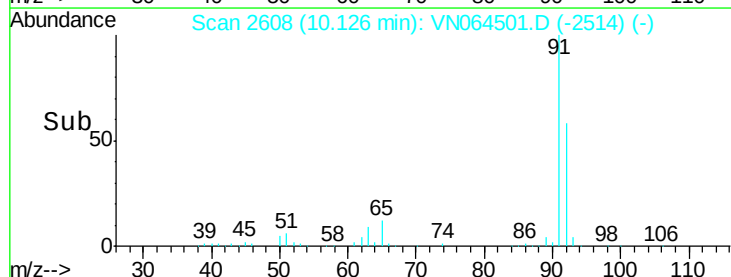
200000

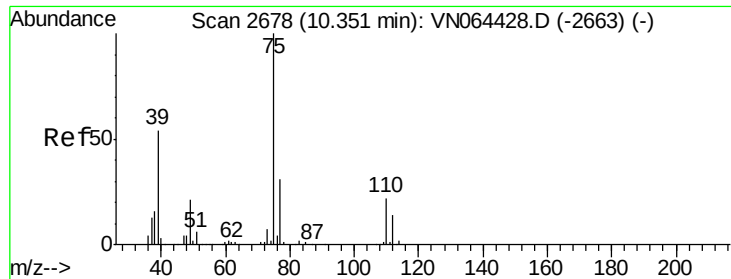
100000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.064 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

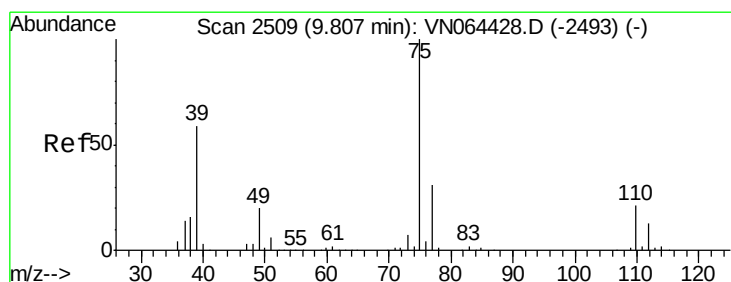
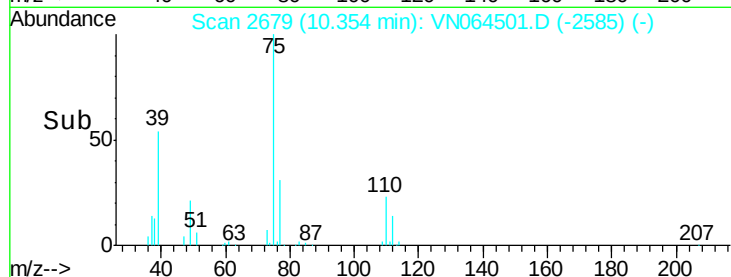
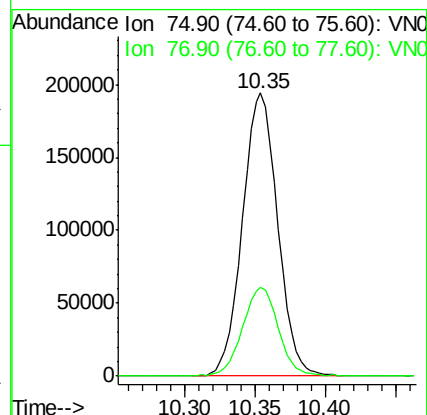
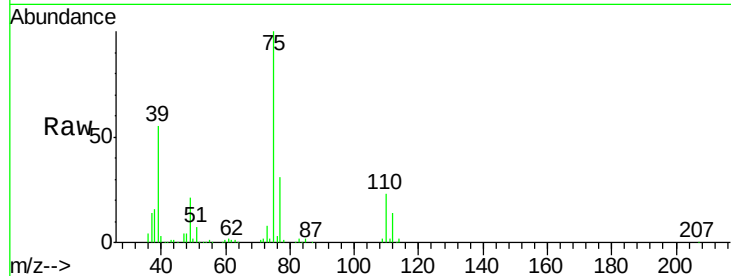
VSTDCCC050EC

Tot Ion: 75 Resp: 339996

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 49.029 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

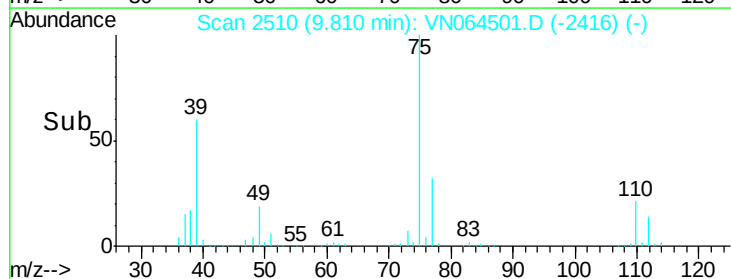
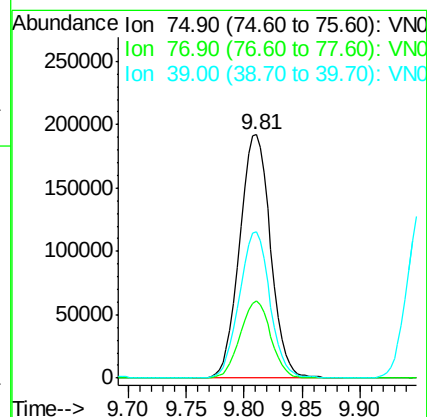
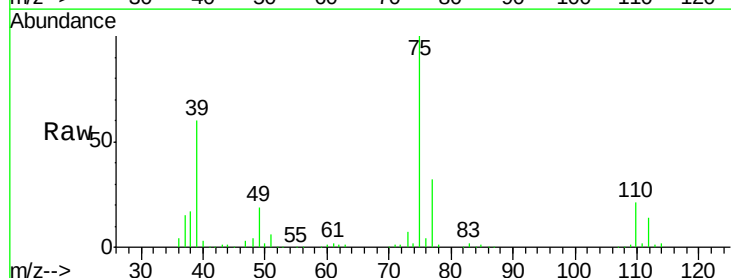
Tgt Ion: 75 Resp: 356001

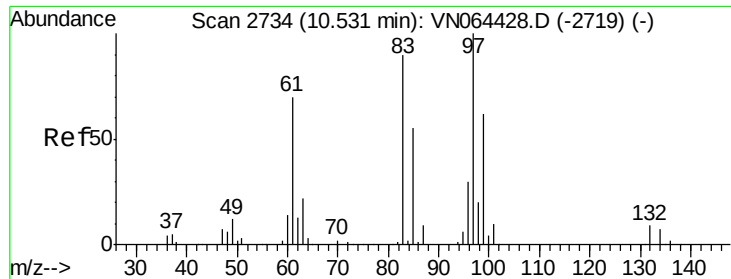
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 60.2 47.1 70.7



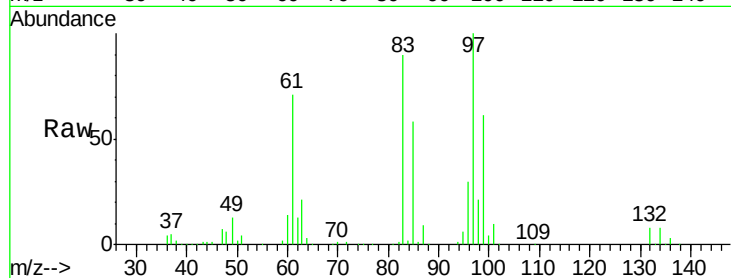


#55
 1,1,2-Trichloroethane
 Concen: 52.799 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

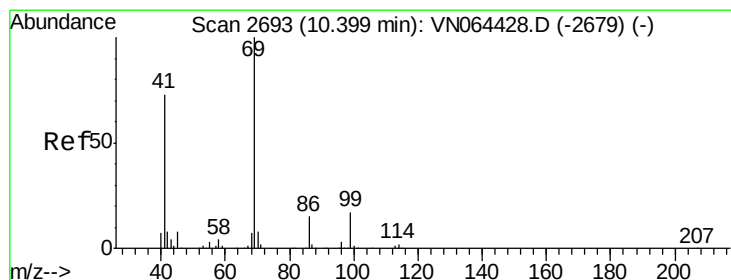
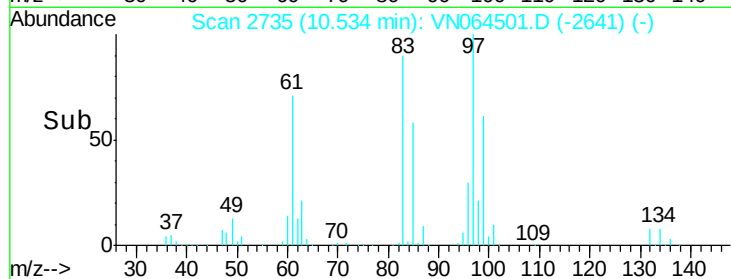
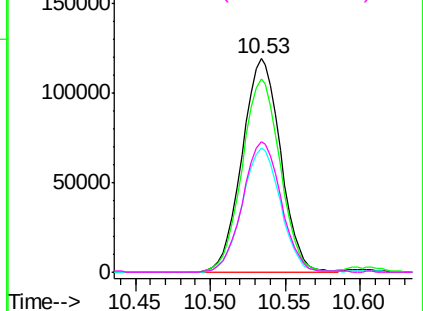
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 213014

Ion	Ratio	Lower	Upper
97	100		
83	90.4	71.7	107.5
85	58.4	44.3	66.5
99	60.9	49.4	74.2



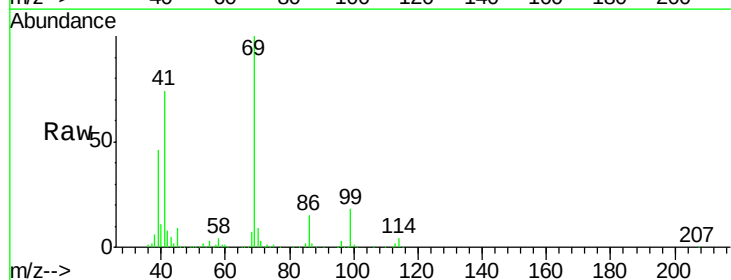
Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0



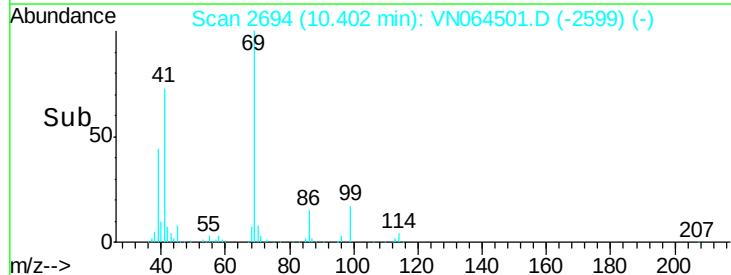
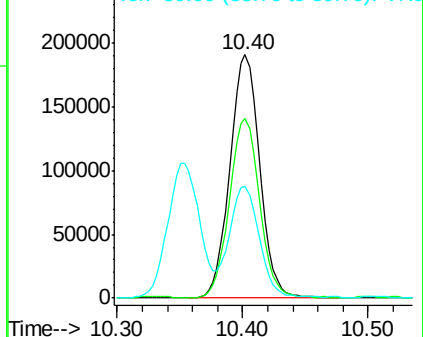
#56
 Ethyl methacrylate
 Concen: 47.719 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

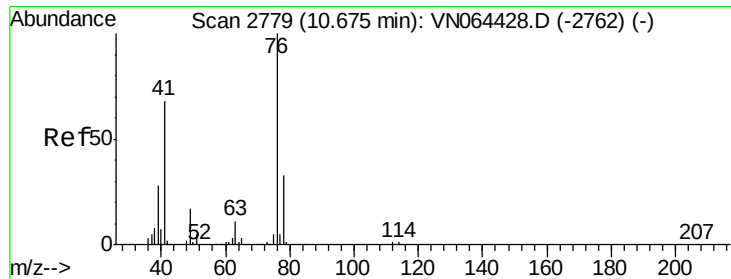
Tgt Ion: 69 Resp: 316170

Ion	Ratio	Lower	Upper
69	100		
41	73.9	59.3	88.9
39	45.3	35.4	53.0



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

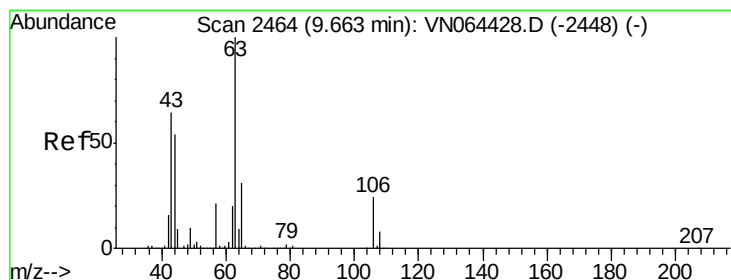
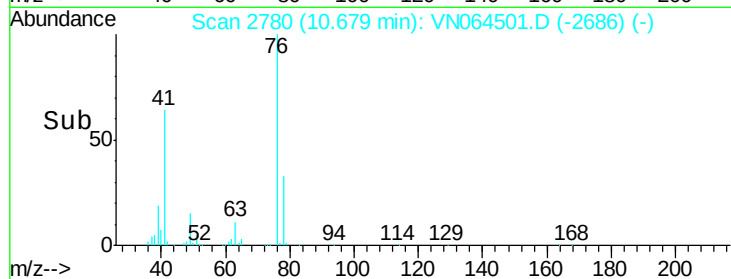
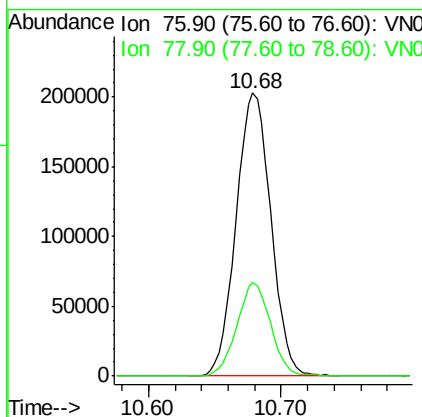
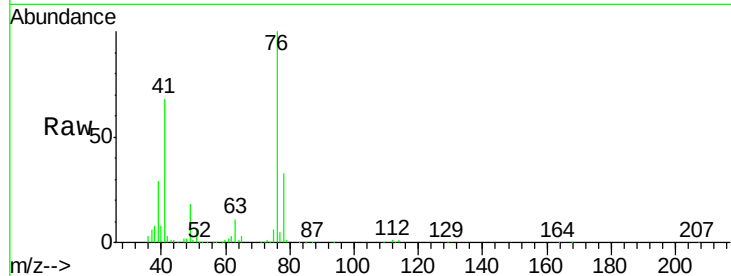




#57
 1,3-Dichloropropane
 Concen: 52.505 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

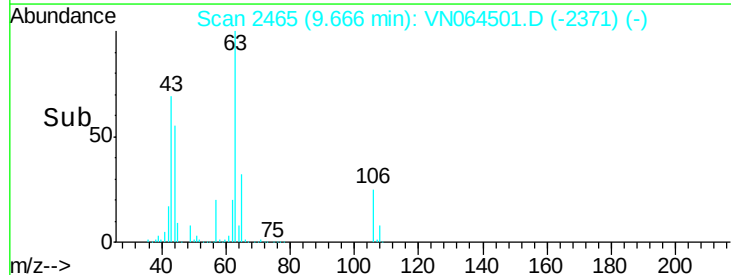
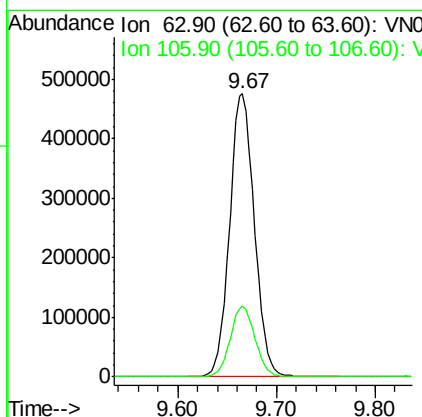
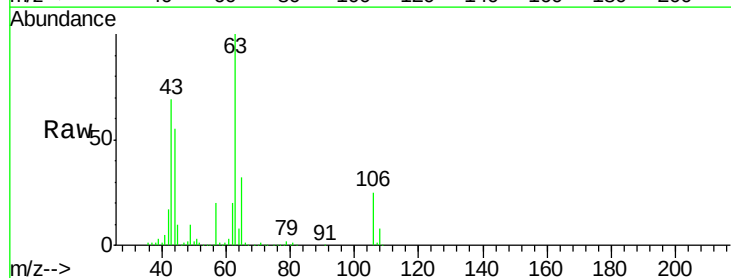
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

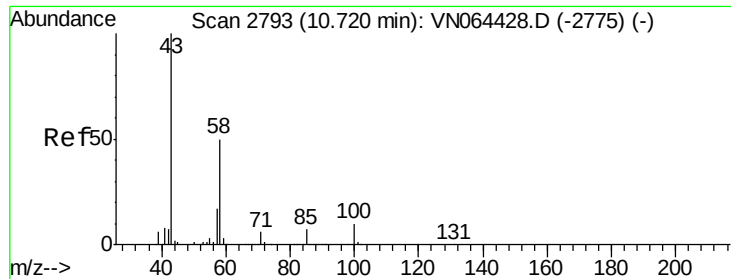
Tot Ion: 76 Resp: 369741
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.517 ug/l
 RT: 9.67 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion: 63 Resp: 833953
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.5 29.3

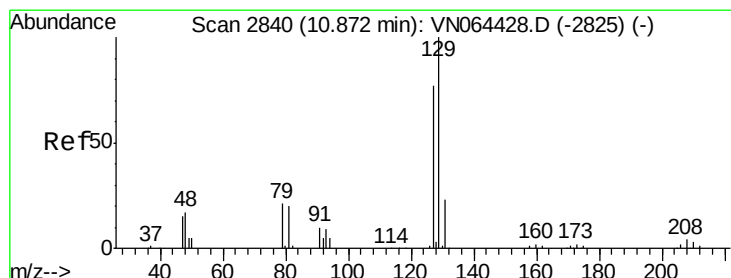
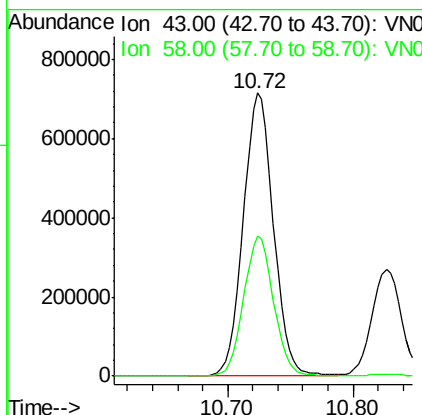
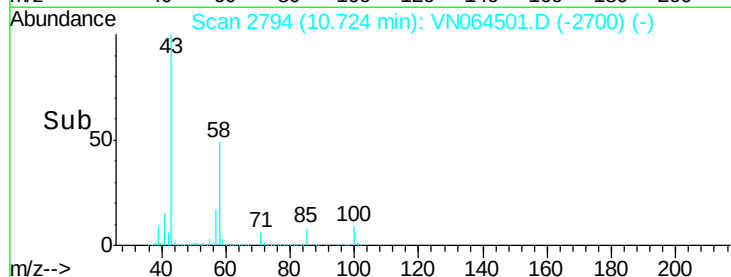
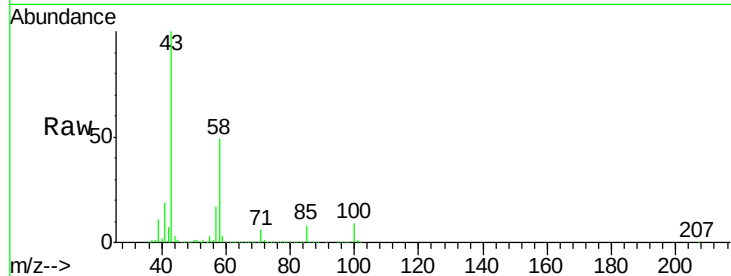




#59
2-Hexanone
Concen: 267.716 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

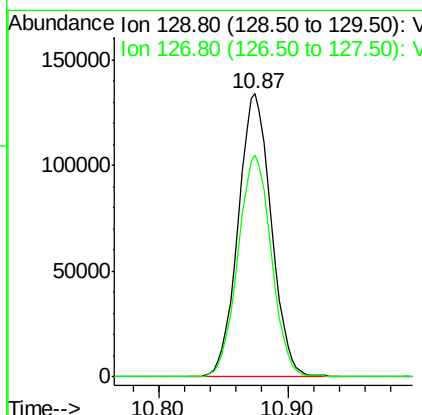
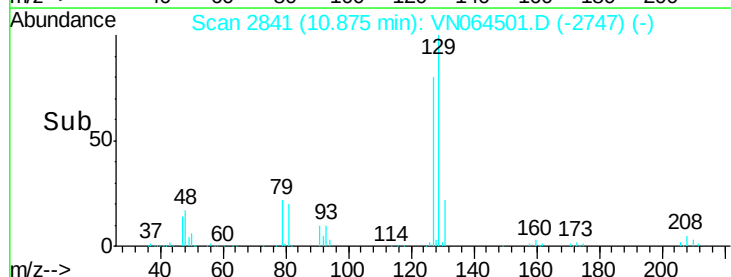
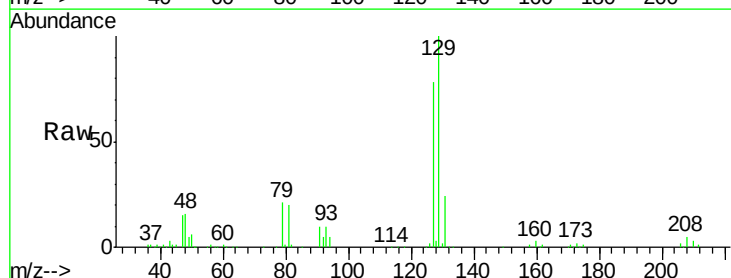
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

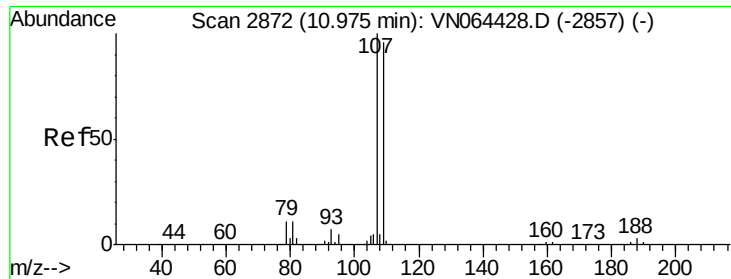
Tot Ion: 43 Resp: 1192158
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1



#60
Dibromochloromethane
Concen: 52.962 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion: 129 Resp: 239227
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.7





#61

1,2-Dibromoethane

Concen: 54.167 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

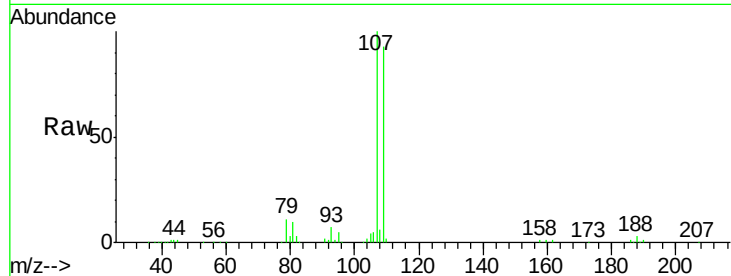
VSTDCCC050EC

Tot Ion: 107 Resp: 221661

Ion Ratio Lower Upper

107 100

109 93.2 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

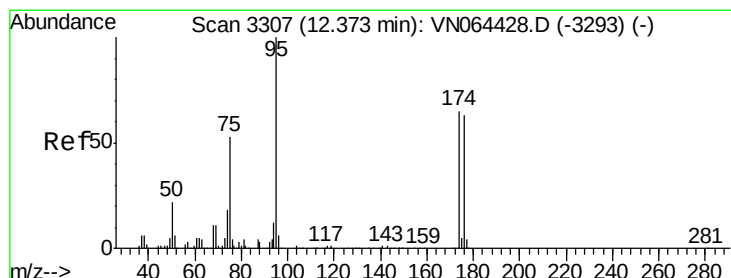
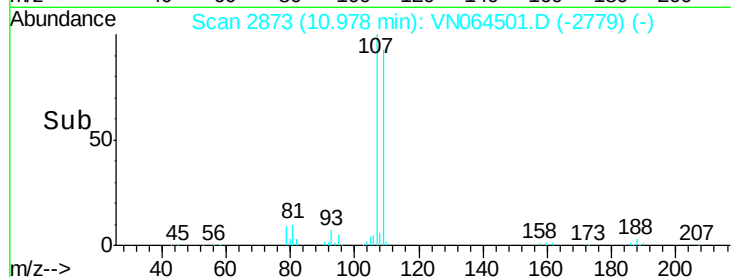
Ion 108.80 (108.50 to 109.50): V

10.98

100000

50000

Time-->



#62

4-Bromofluorobenzene

Concen: 47.573 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

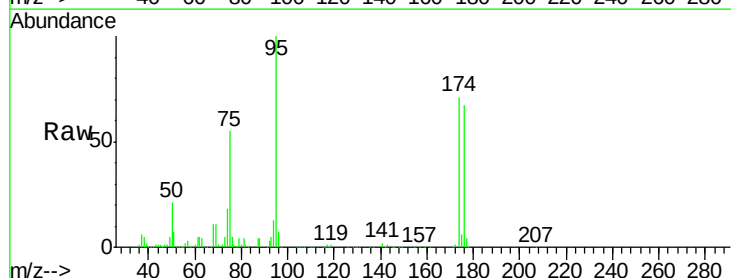
Tgt Ion: 95 Resp: 258682

Ion Ratio Lower Upper

95 100

174 70.7 0.0 132.6

176 66.8 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.38

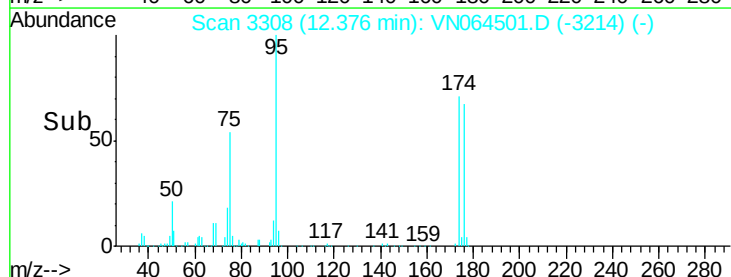
200000

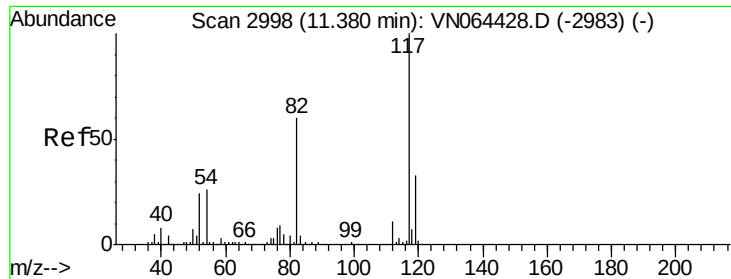
150000

100000

50000

Time-->

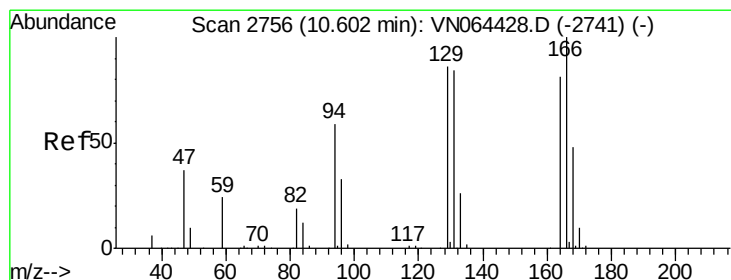
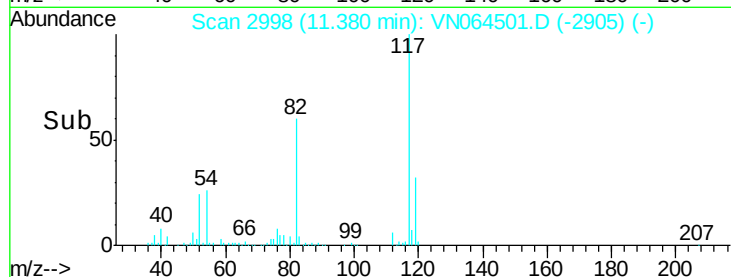
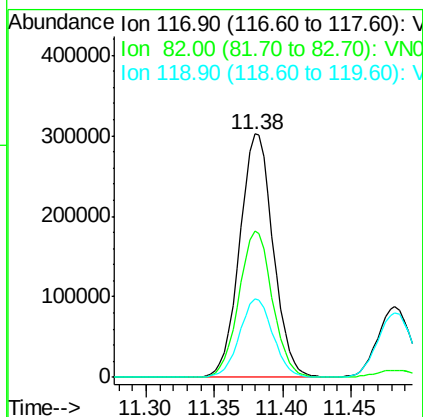
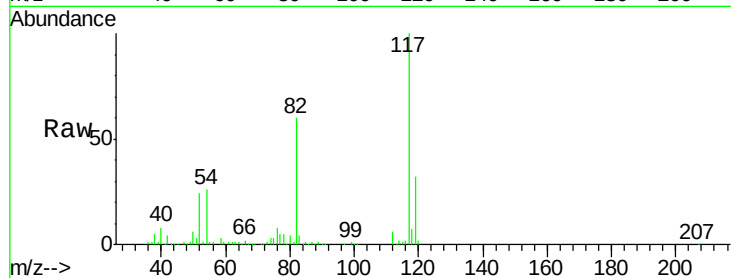




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

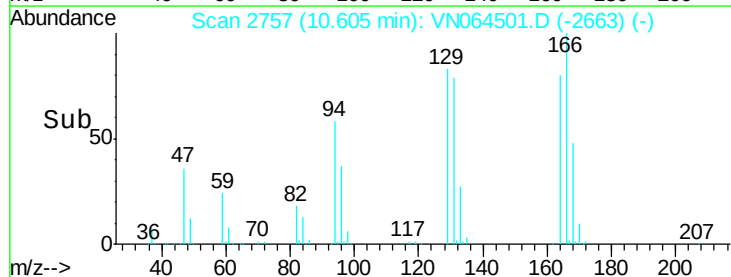
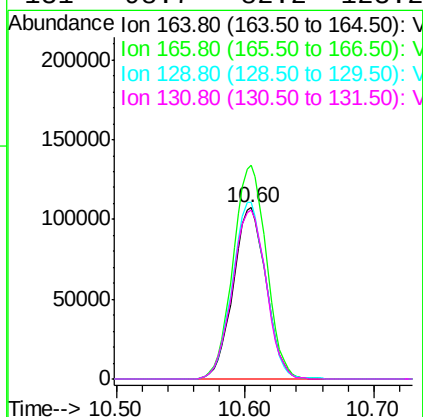
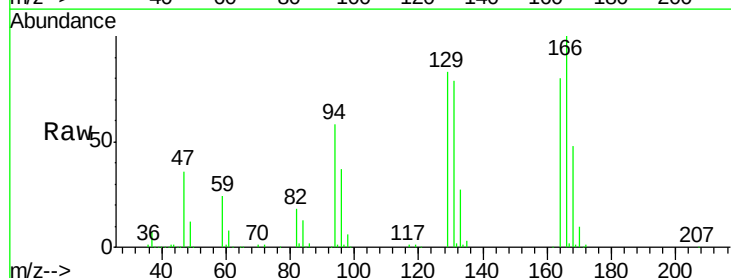
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

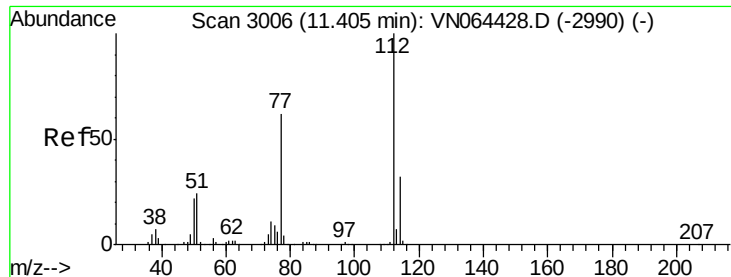
Tot Ion:117 Resp: 516000
Ion Ratio Lower Upper
117 100
82 59.9 48.1 72.1
119 32.3 26.2 39.4



#64
Tetrachloroethene
Concen: 48.185 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion:164 Resp: 191524
Ion Ratio Lower Upper
164 100
166 124.8 98.2 147.2
129 103.3 84.6 127.0
131 98.7 82.2 123.2

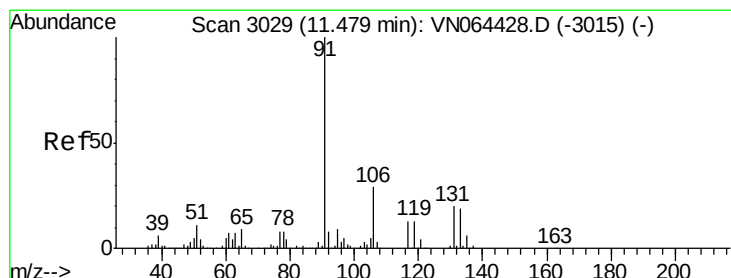
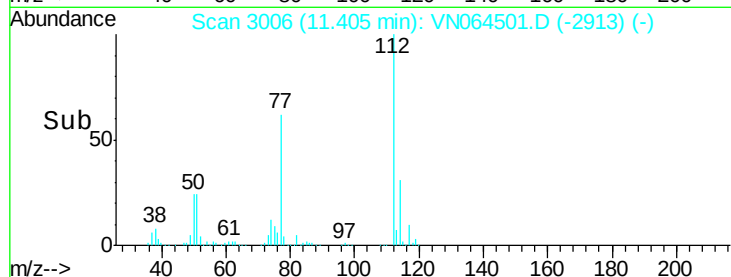
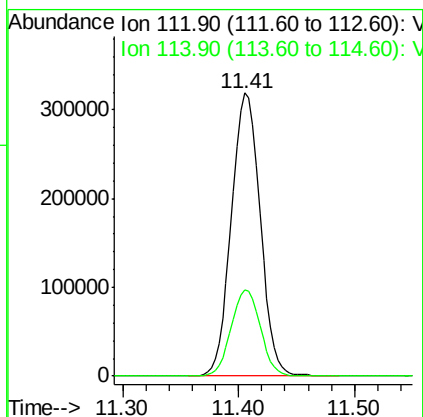
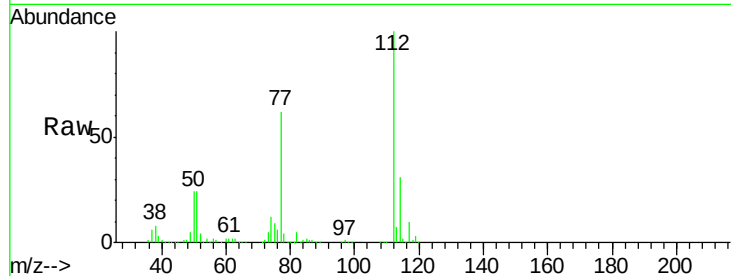




#65
Chlorobenzene
Concen: 48.738 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

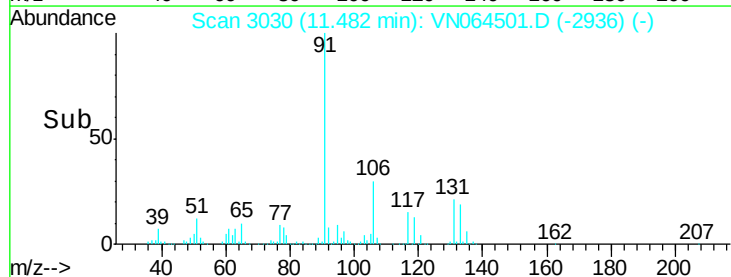
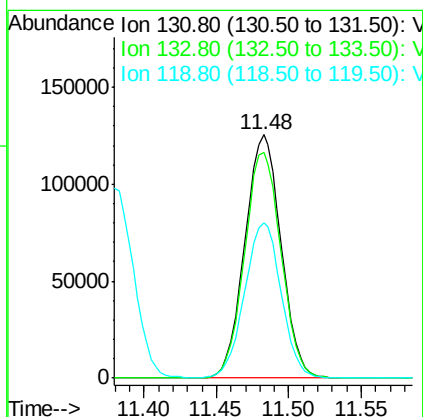
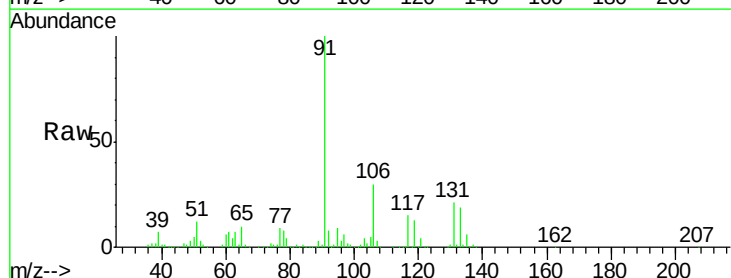
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

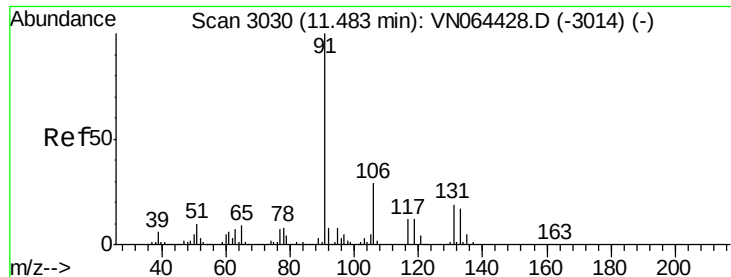
Tot Ion:112 Resp: 551322
Ion Ratio Lower Upper
112 100
114 30.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.708 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion:131 Resp: 218208
Ion Ratio Lower Upper
131 100
133 94.0 46.9 140.7
119 64.6 32.1 96.5

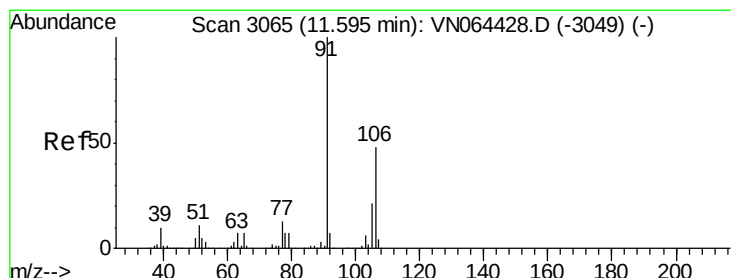
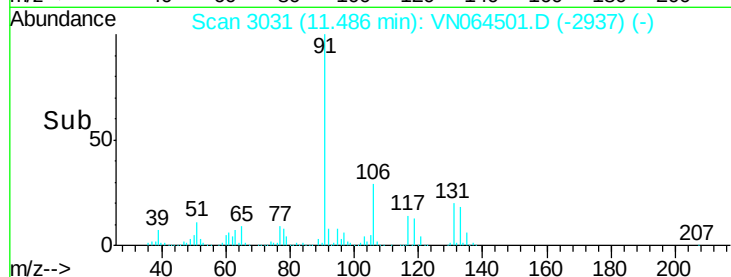
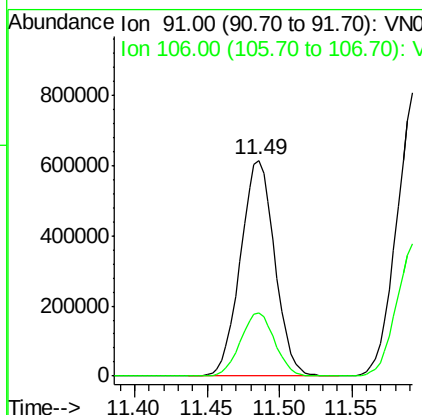
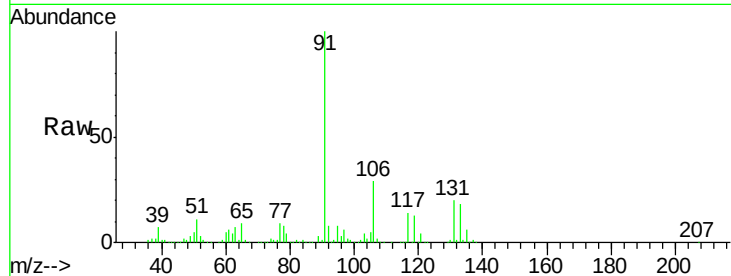




#67
Ethyl Benzene
Concen: 50.277 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

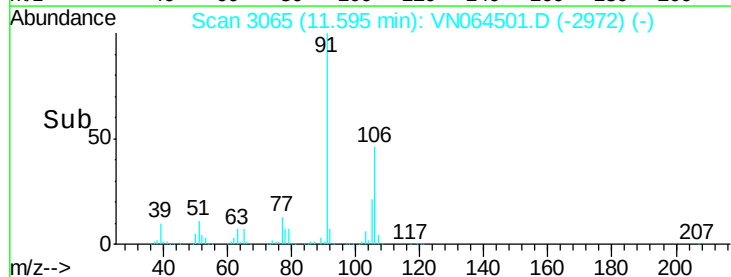
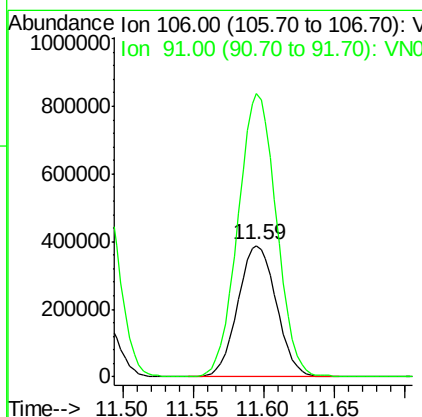
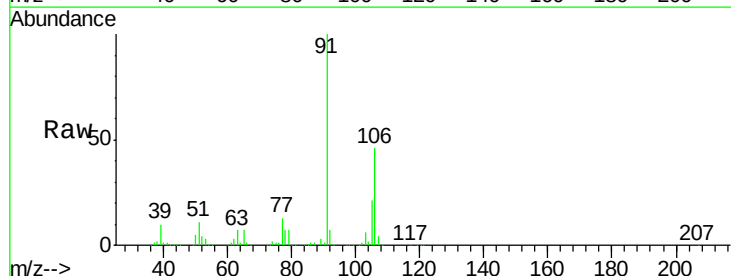
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

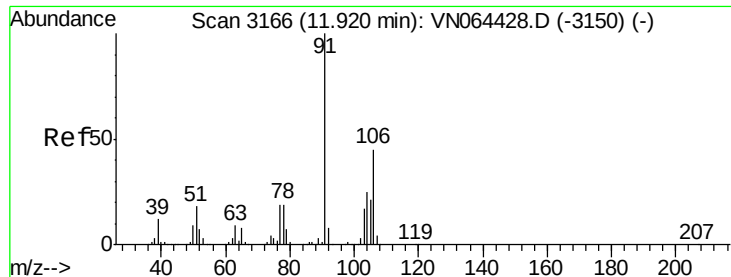
Tot Ion: 91 Resp: 1011621
Ion Ratio Lower Upper
91 100
106 29.4 23.6 35.4



#68
m/p-Xylenes
Concen: 101.362 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion: 106 Resp: 739645
Ion Ratio Lower Upper
106 100
91 215.3 169.4 254.2

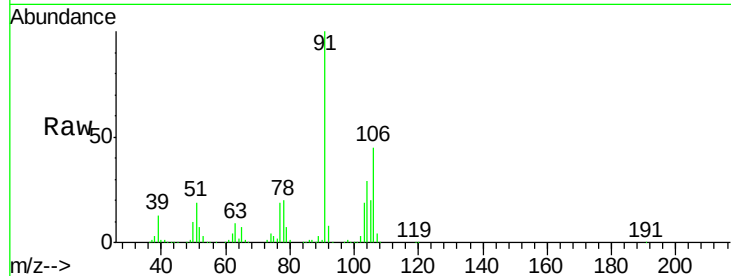




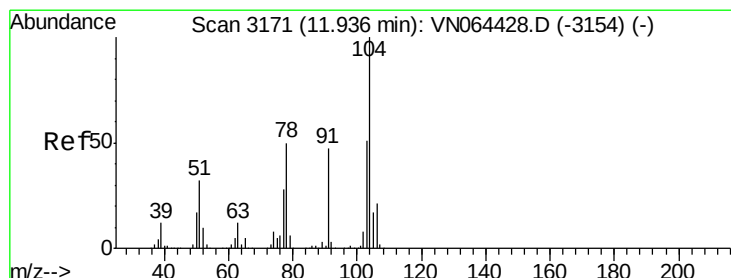
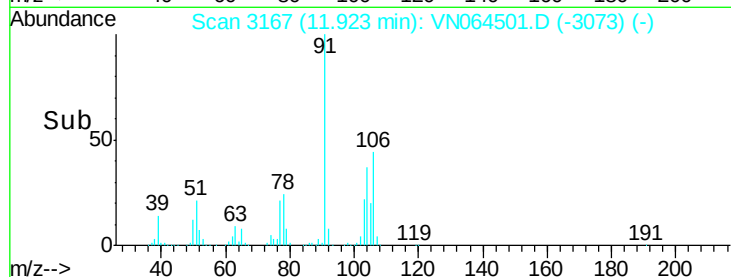
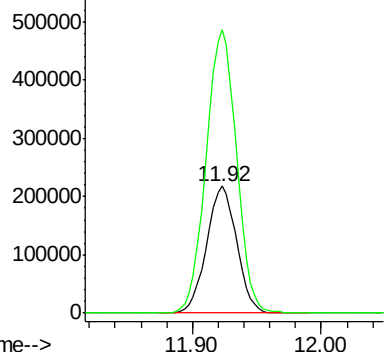
#69
o-Xylene
Concen: 50.086 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion:106 Resp: 353168
Ion Ratio Lower Upper
106 100
91 225.8 111.7 334.9

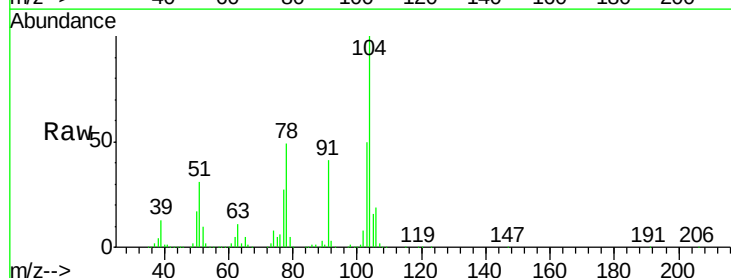


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

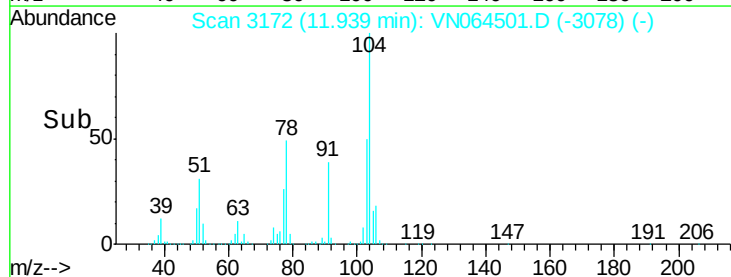
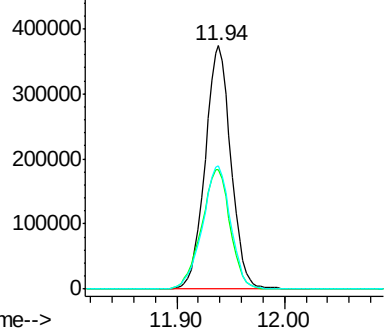


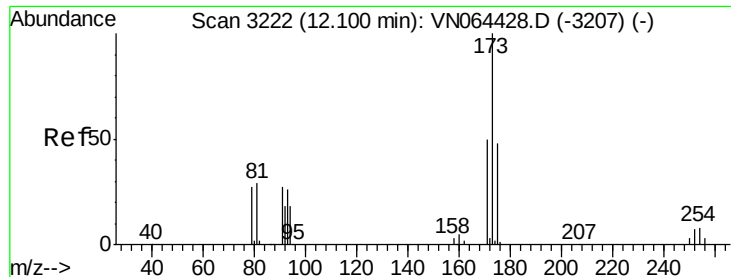
#70
Styrene
Concen: 52.729 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion:104 Resp: 625641
Ion Ratio Lower Upper
104 100
78 54.5 44.0 66.0
103 55.2 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.391 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

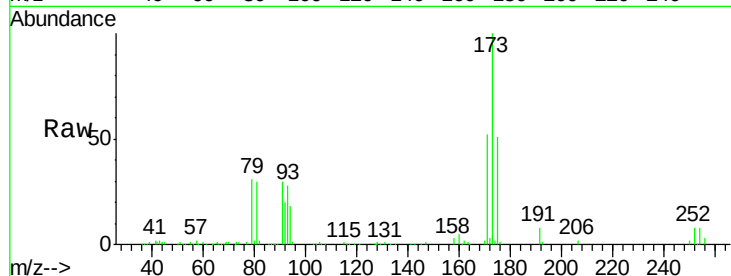
Tot Ion:173 Resp: 159706

Ion Ratio Lower Upper

173 100

175 48.5 23.7 71.1

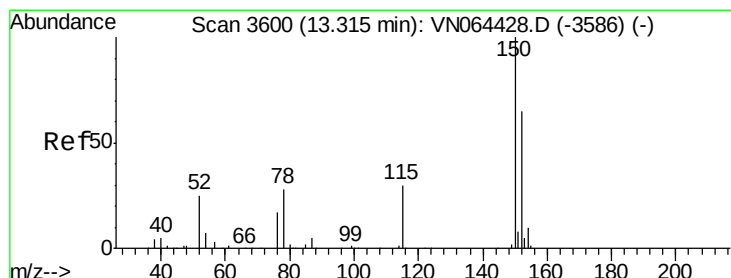
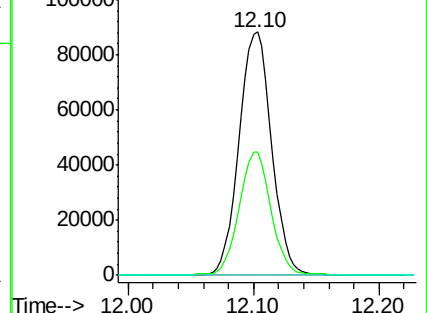
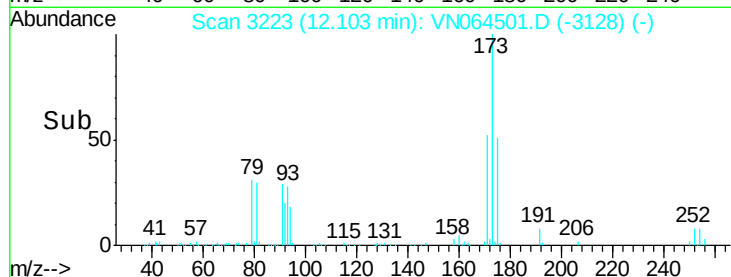
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

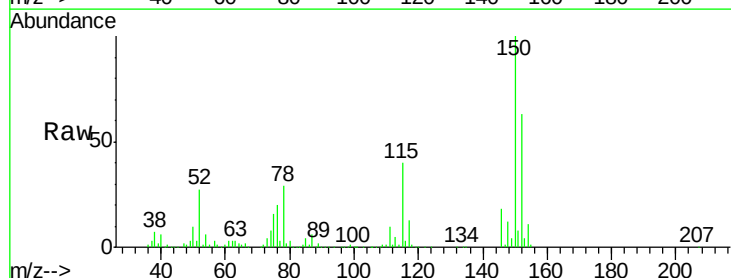
Tgt Ion:152 Resp: 241403

Ion Ratio Lower Upper

152 100

115 64.9 32.0 96.0

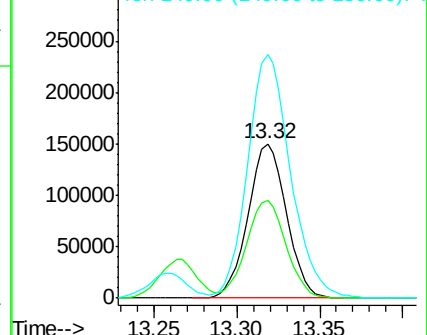
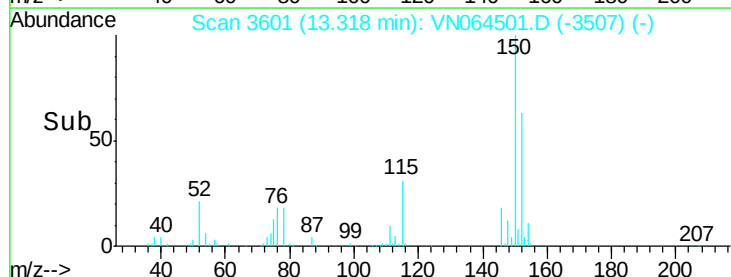
150 176.2 0.0 353.8

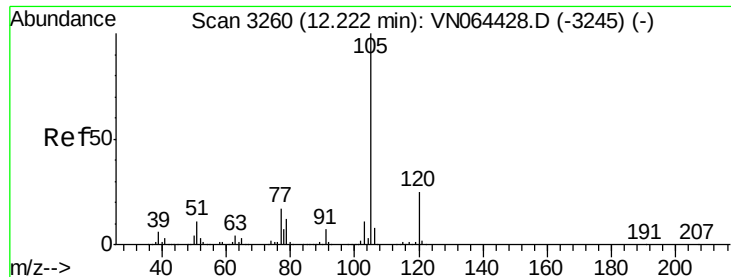


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.086 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

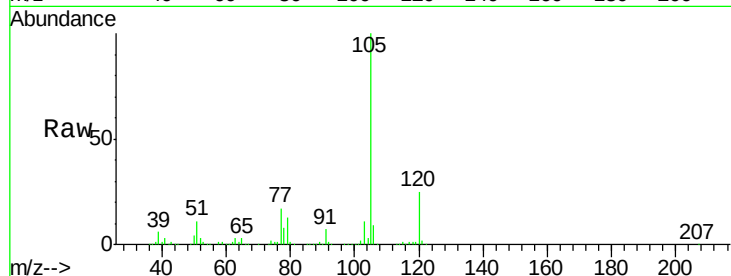
VSTDCCC050EC

Tot Ion:105 Resp: 941832

Ion Ratio Lower Upper

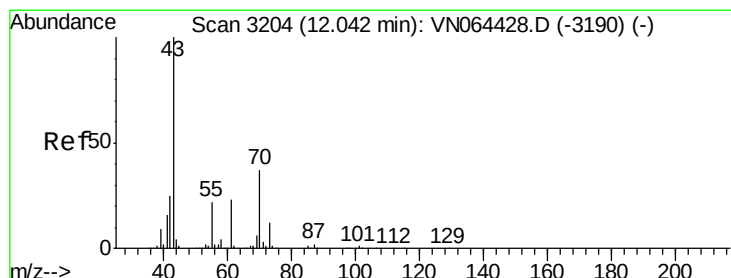
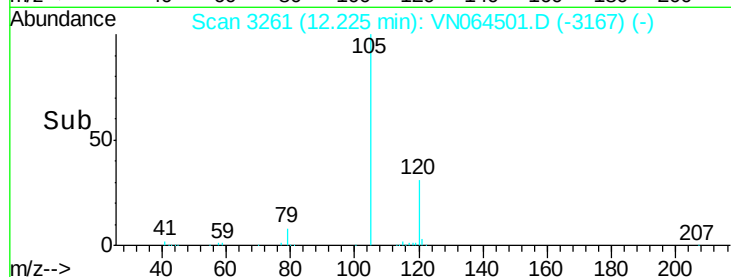
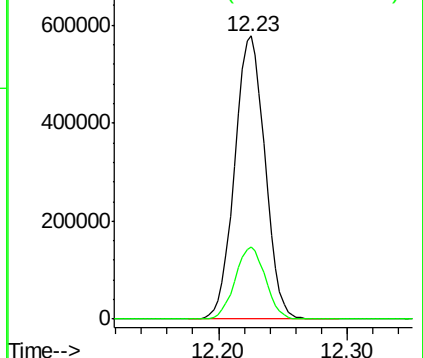
105 100

120 25.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.090 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Tgt Ion: 43 Resp: 447082

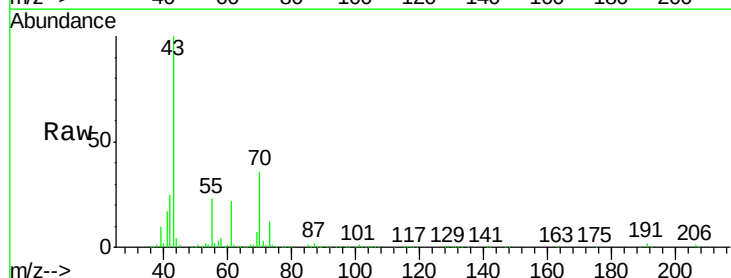
Ion Ratio Lower Upper

43 100

70 37.2 29.6 44.4

55 23.6 18.4 27.6

61 21.8 17.8 26.6

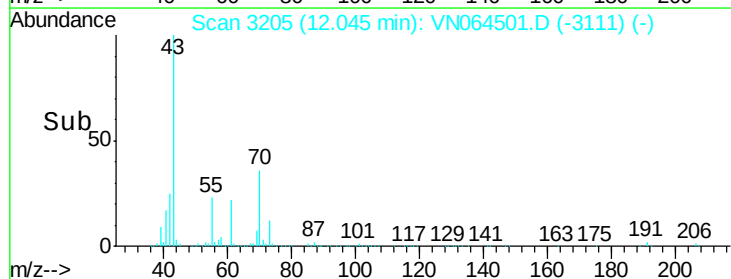
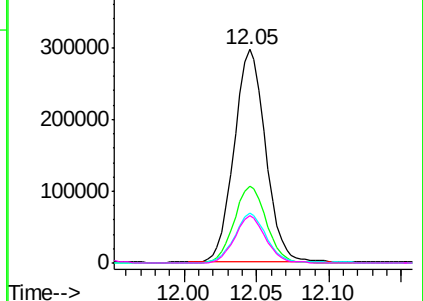


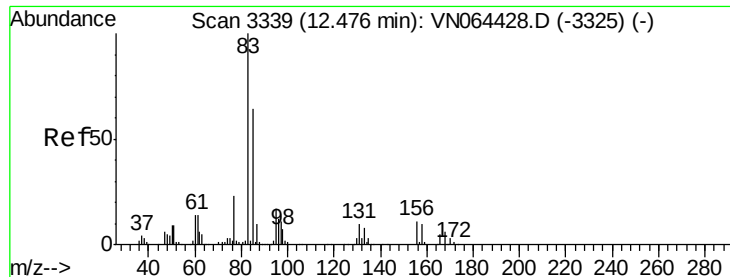
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 53.233 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

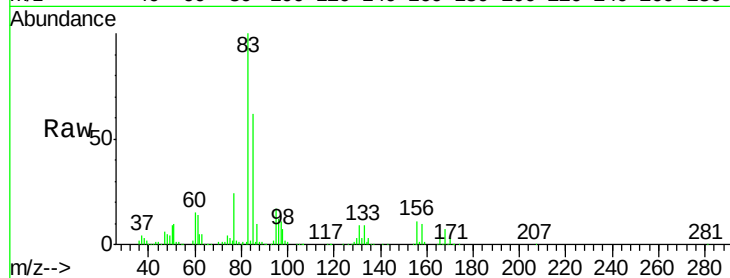
Tot Ion: 83 Resp: 313726

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

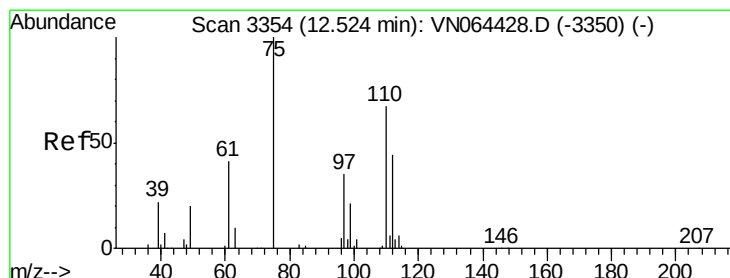
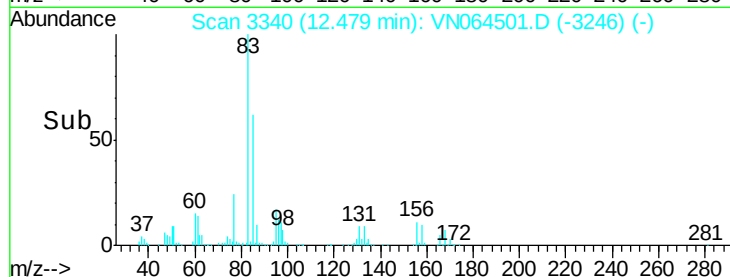
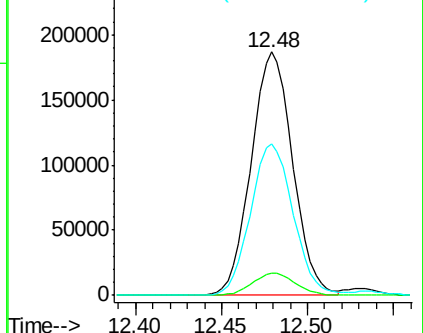
85 63.7 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064428.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 73.964 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064501.D

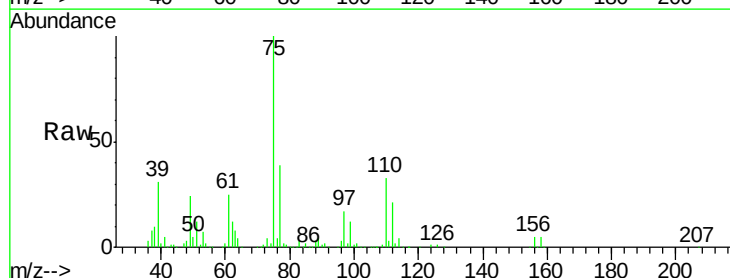
Acq: 6 Nov 2020 22:30

Tgt Ion: 75 Resp: 432617

Ion Ratio Lower Upper

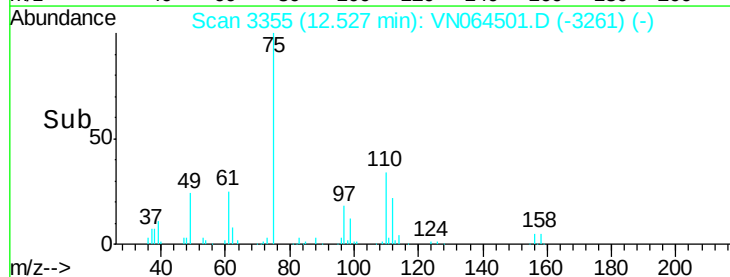
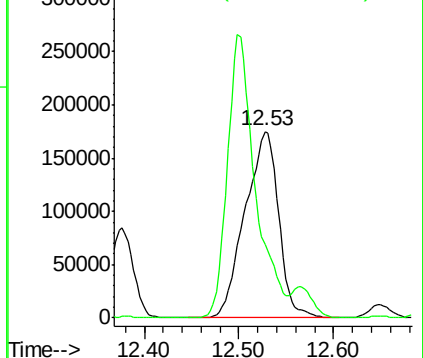
75 100

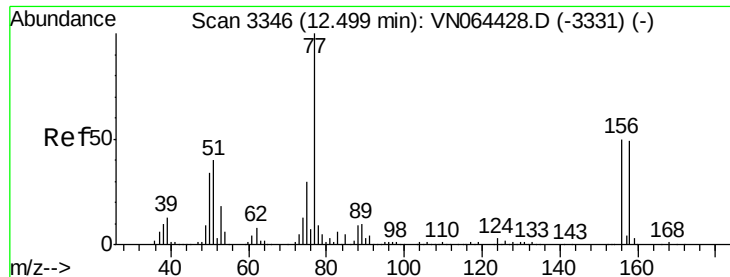
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)





#77

Bromobenzene

Concen: 48.358 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

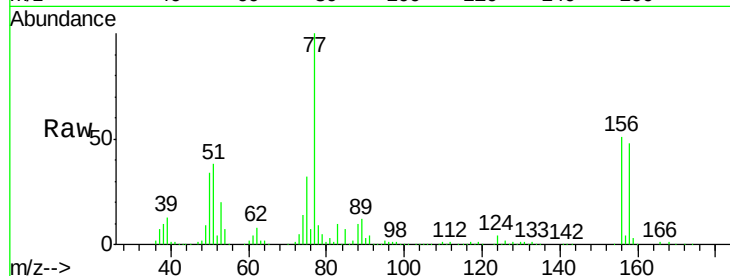
Tot Ion:156 Resp: 226535

Ion Ratio Lower Upper

156 100

77 240.4 119.0 357.0

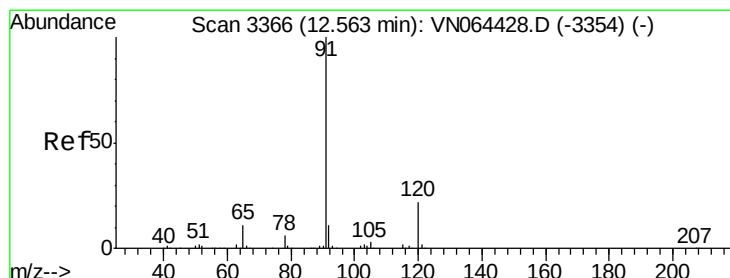
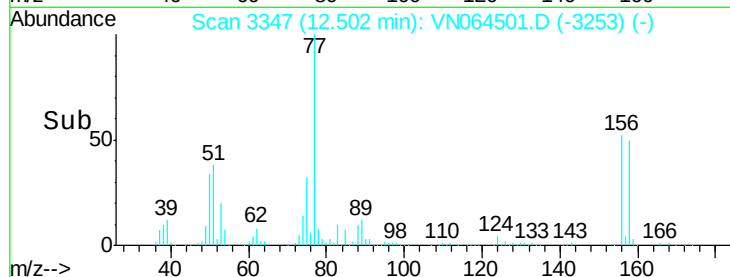
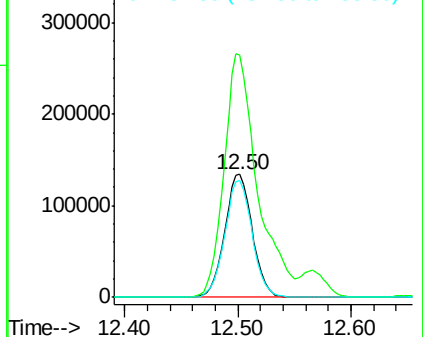
158 95.0 48.4 145.3



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: 49.351 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064501.D

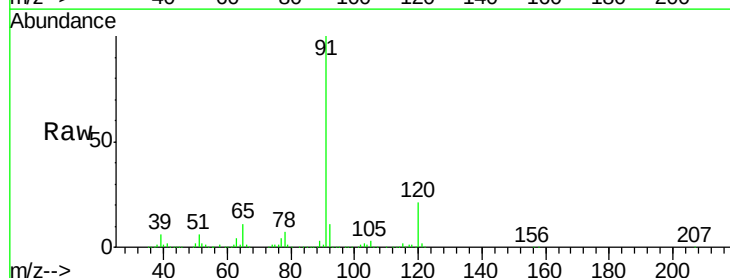
Acq: 6 Nov 2020 22:30

Tgt Ion: 91 Resp: 1079553

Ion Ratio Lower Upper

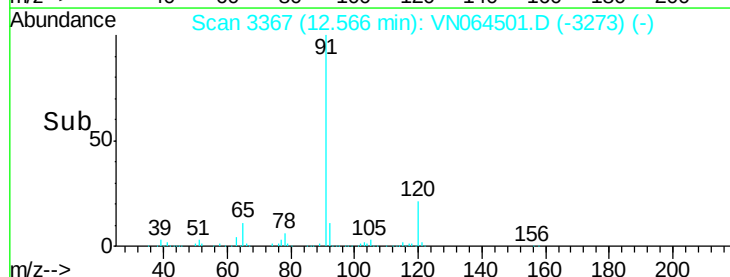
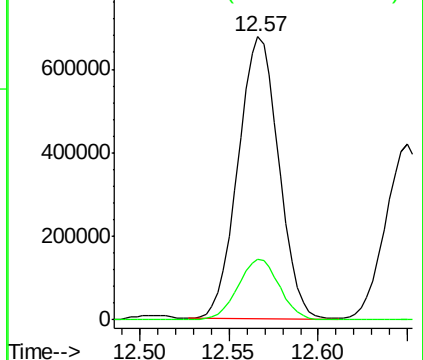
91 100

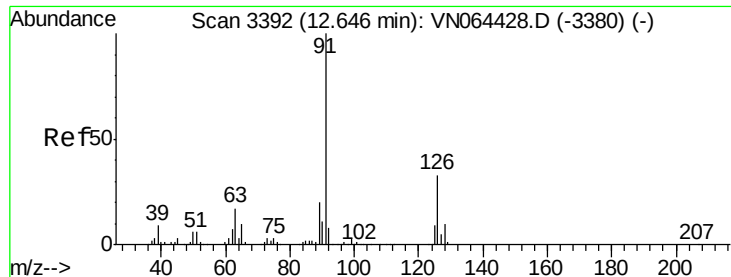
120 21.8 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.968 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

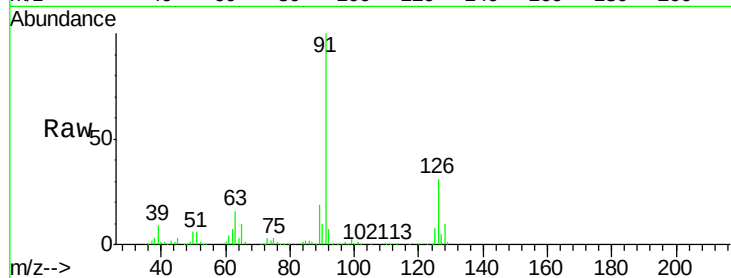
VSTDCCC050EC

Tot Ion: 91 Resp: 679390

Ion Ratio Lower Upper

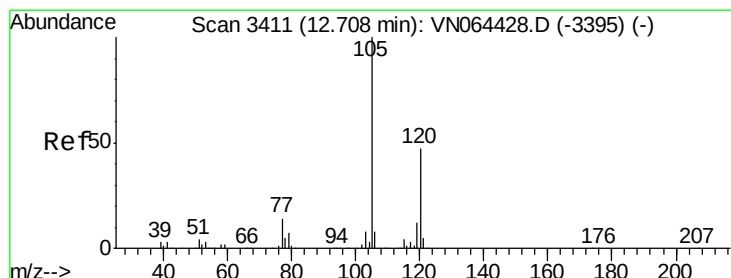
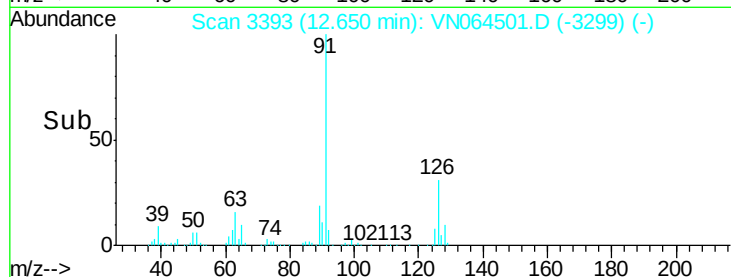
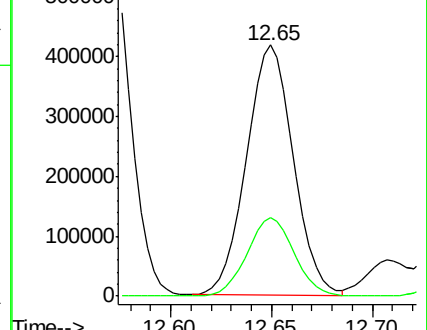
91 100

126 31.7 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.499 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064501.D

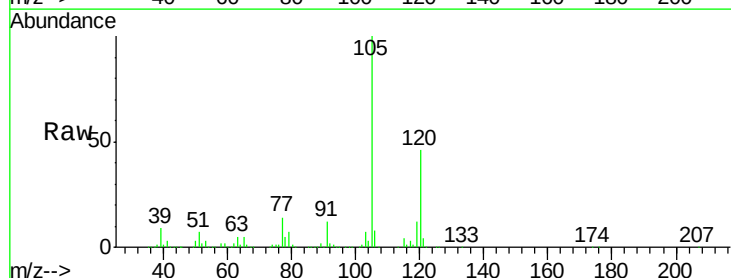
Acq: 6 Nov 2020 22:30

Tgt Ion: 105 Resp: 799356

Ion Ratio Lower Upper

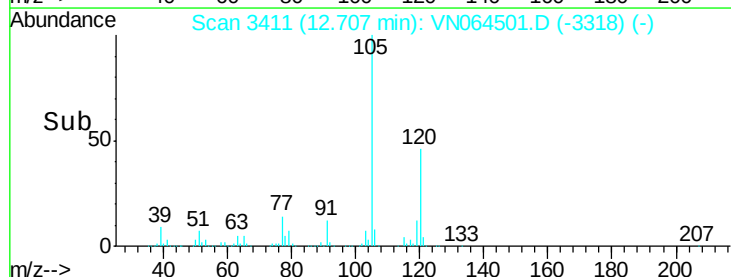
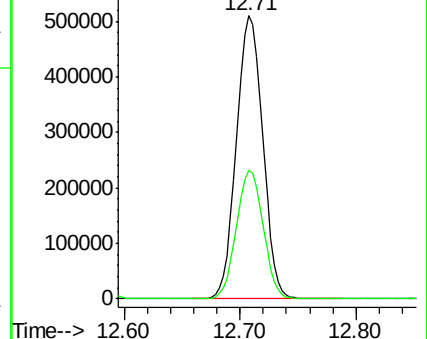
105 100

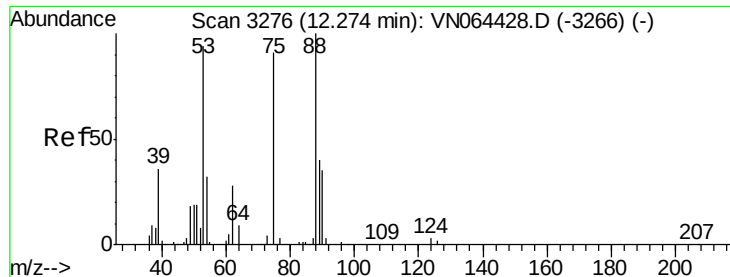
120 46.0 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.090 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

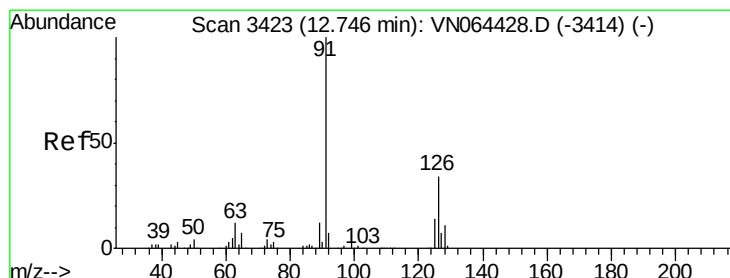
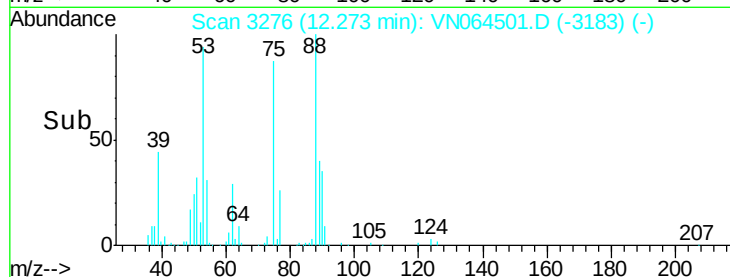
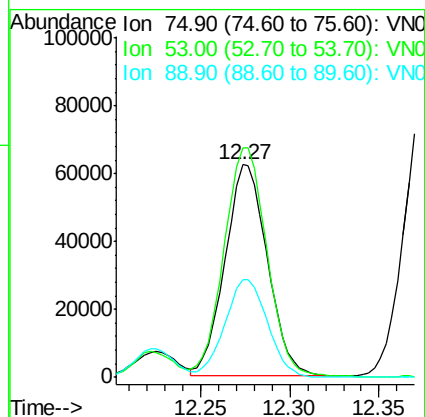
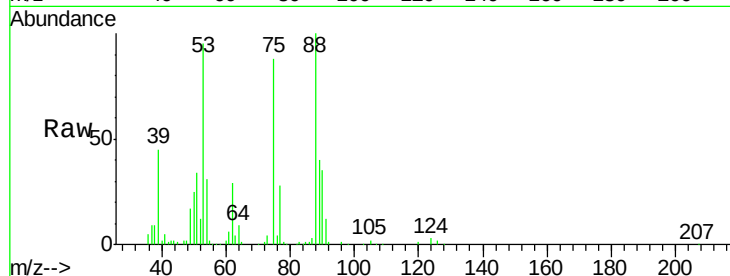
Tot Ion: 75 Resp: 102835

Ion Ratio Lower Upper

75 100

53 109.9 84.0 126.0

89 46.2 36.3 54.5



#82

4-Chlorotoluene

Concen: 49.336 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN064501.D

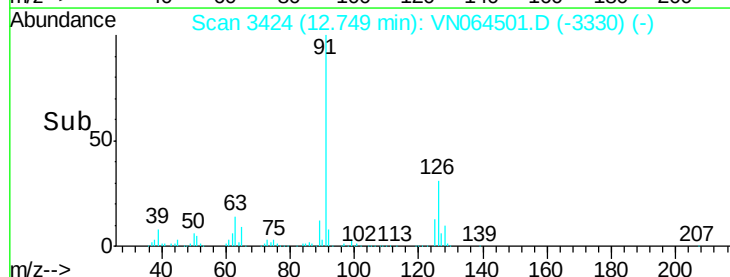
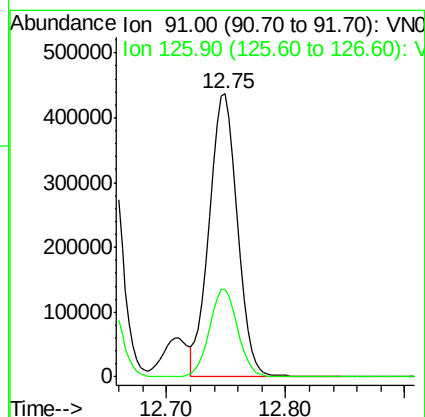
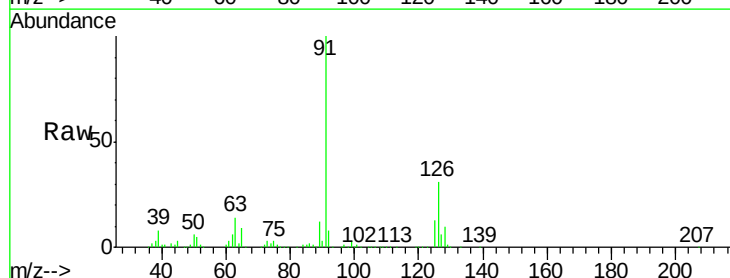
Acq: 6 Nov 2020 22:30

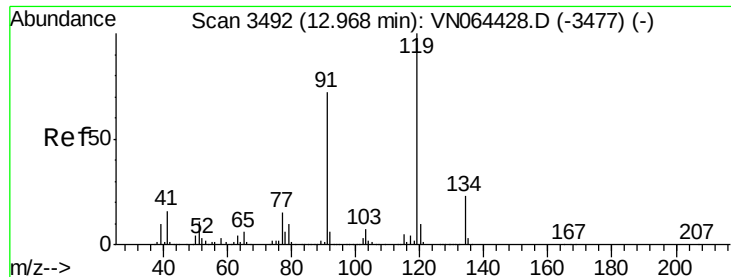
Tgt Ion: 91 Resp: 716845

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.2

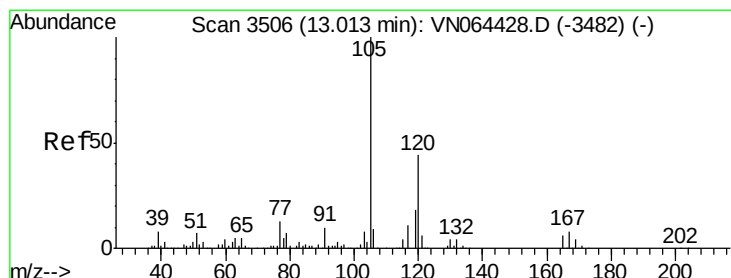
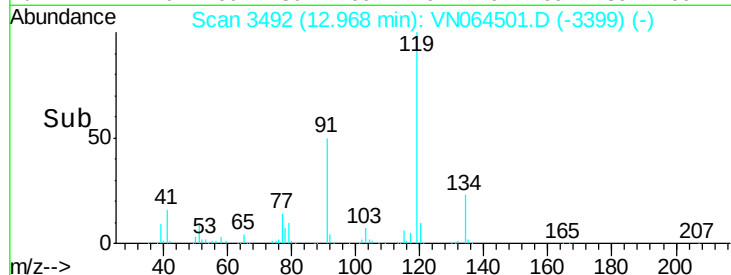
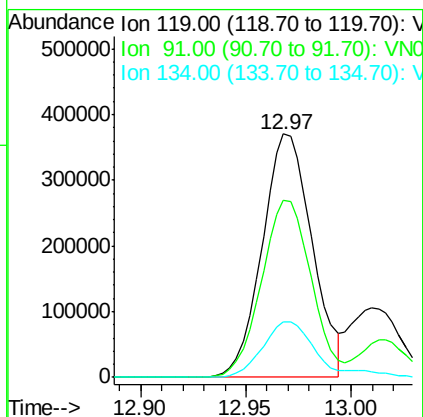
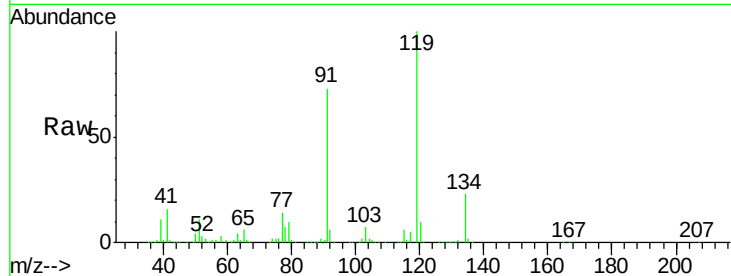




#83
 tert-Butylbenzene
 Concen: 49.403 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

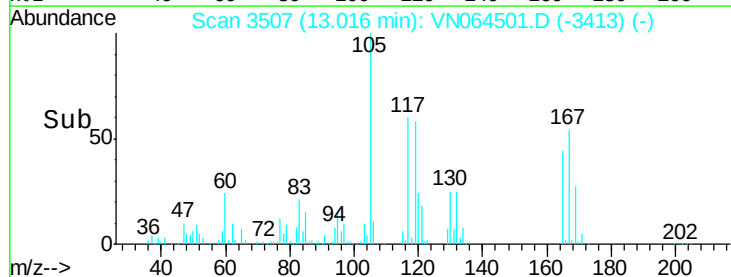
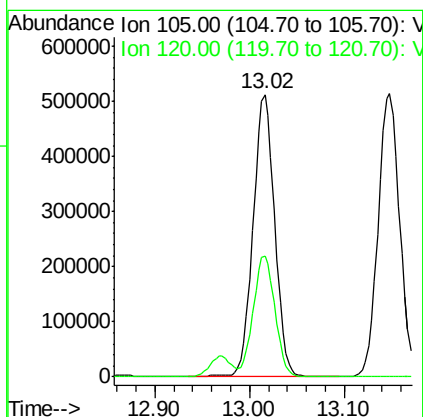
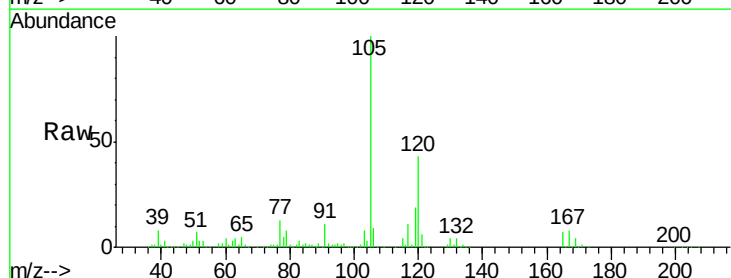
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

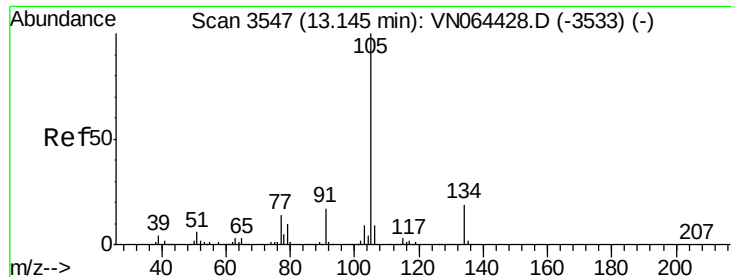
Tot Ion:119 Resp: 610761
 Ion Ratio Lower Upper
 119 100
 91 72.3 36.1 108.3
 134 25.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.167 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion:105 Resp: 814202
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.9 65.7





#85

sec-Butylbenzene

Concen: 51.797 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

Instrument :

MSVOA_N

ClientSampleId :

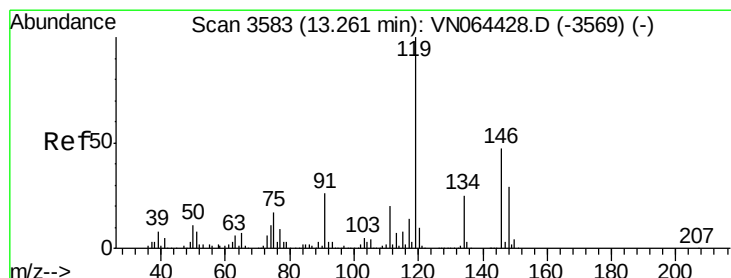
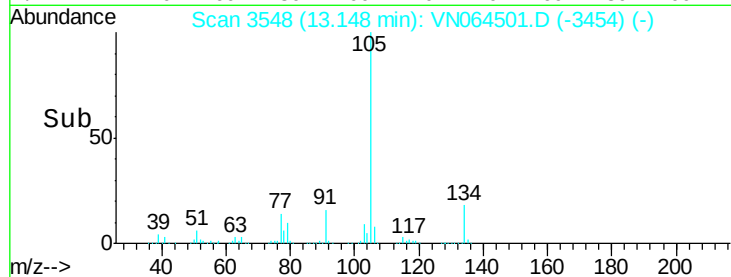
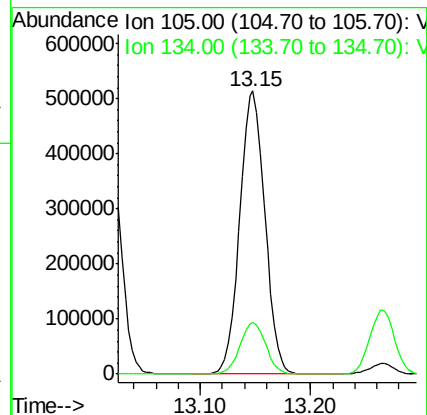
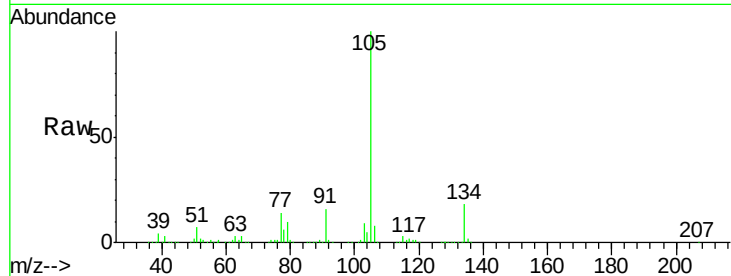
VSTDCCC050EC

Tot Ion:105 Resp: 810987

Ion Ratio Lower Upper

105 100

134 18.6 9.4 28.2



#86

p-Isopropyltoluene

Concen: 51.177 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064501.D

Acq: 6 Nov 2020 22:30

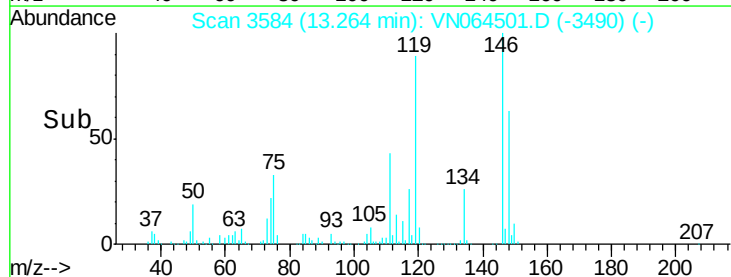
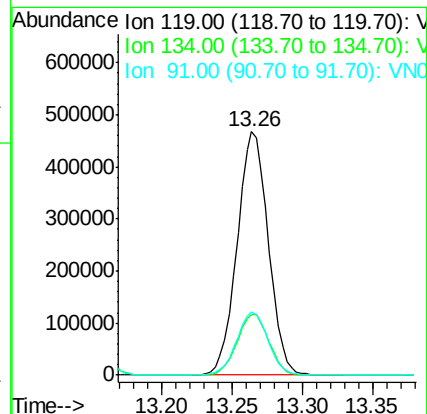
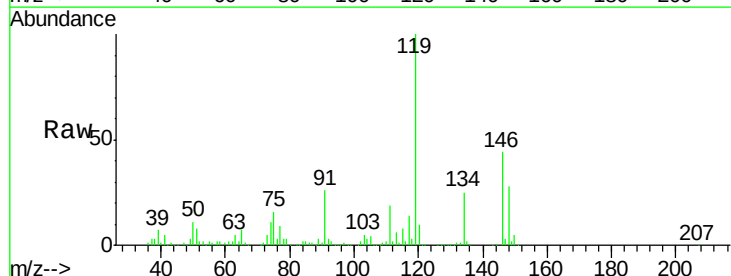
Tgt Ion:119 Resp: 720733

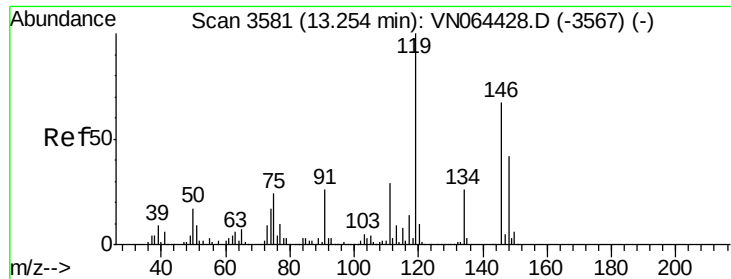
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.6

91 26.2 12.8 38.3

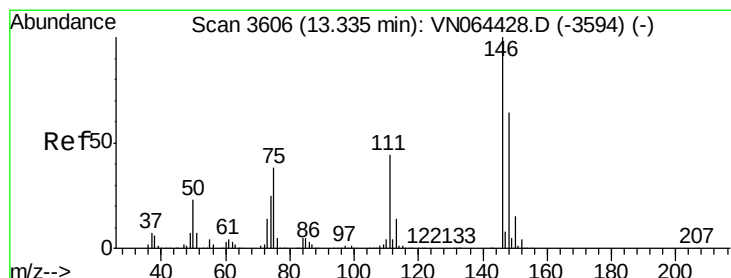
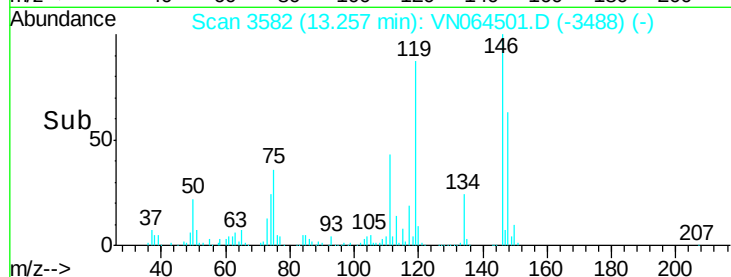
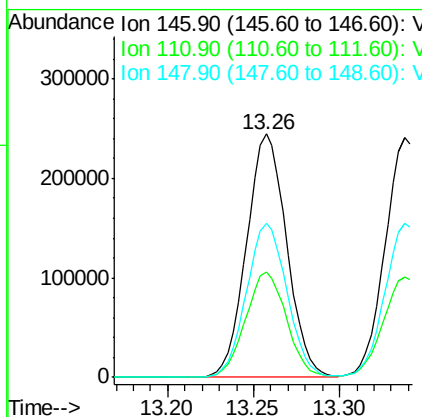
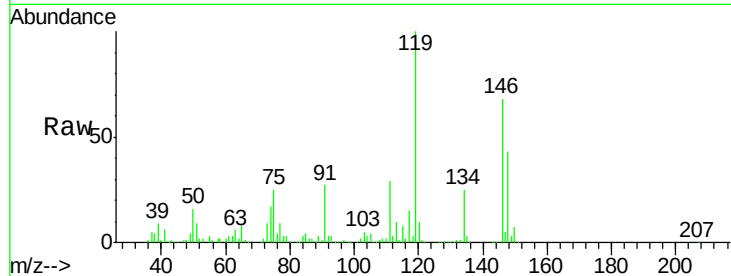




#87
 1,3-Dichlorobenzene
 Concen: 49.019 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

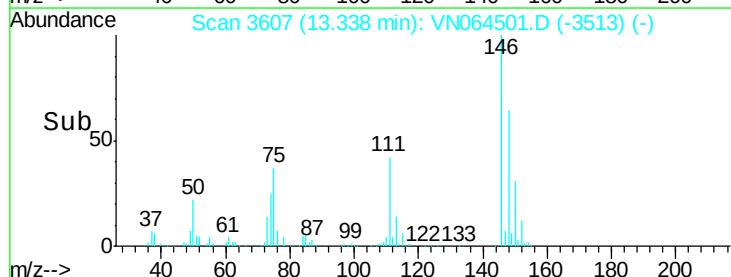
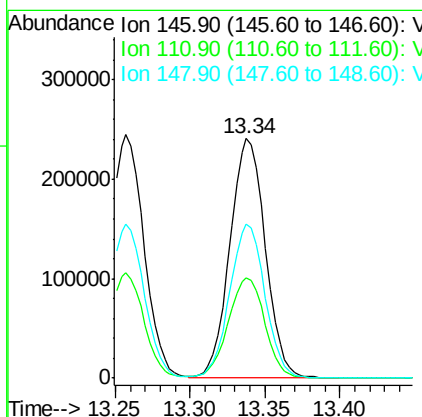
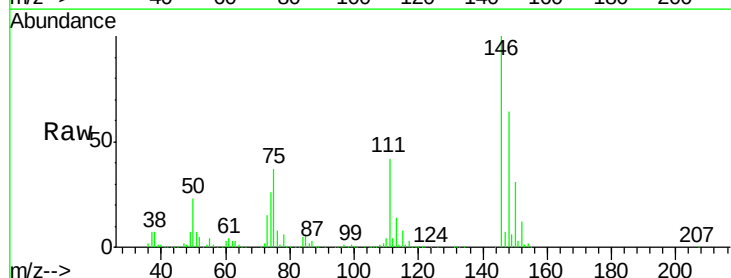
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

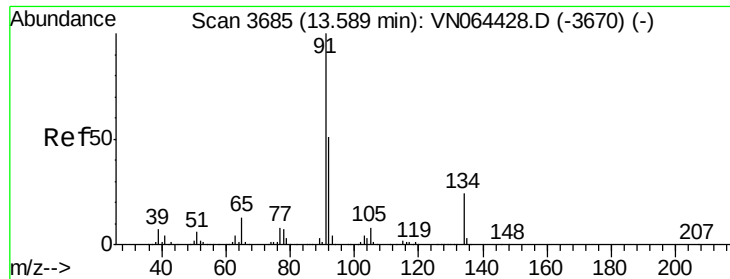
Tot Ion:146 Resp: 396941
 Ion Ratio Lower Upper
 146 100
 111 44.0 22.1 66.1
 148 63.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 47.281 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion:146 Resp: 395671
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.8 65.3
 148 64.3 32.4 97.2

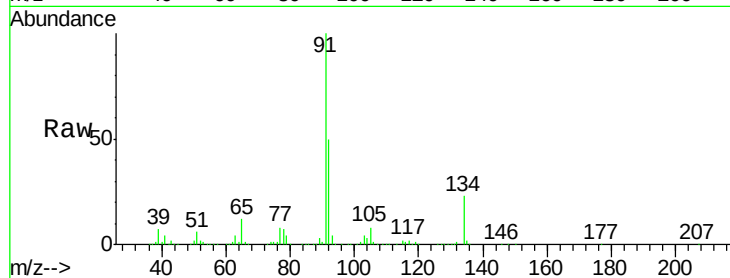




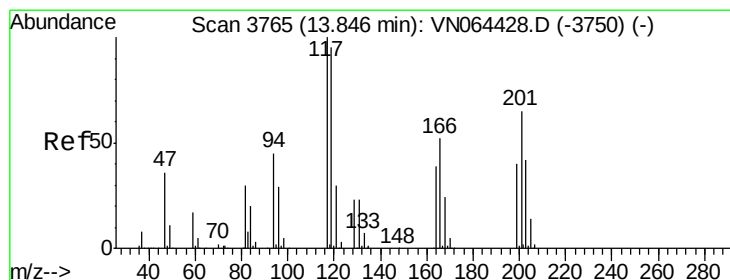
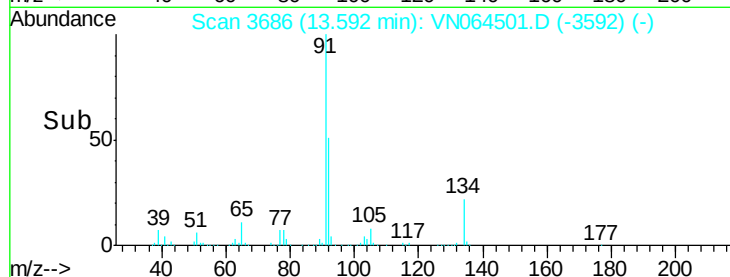
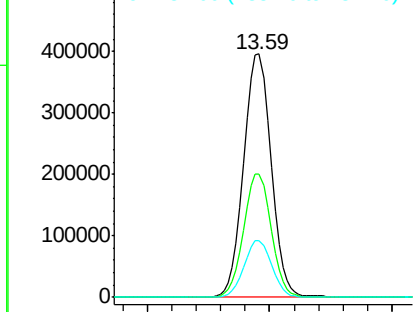
#89
n-Butylbenzene
Concen: 50.794 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 615044
Ion Ratio Lower Upper
91 100
92 50.7 25.3 75.9
134 23.5 11.8 35.4

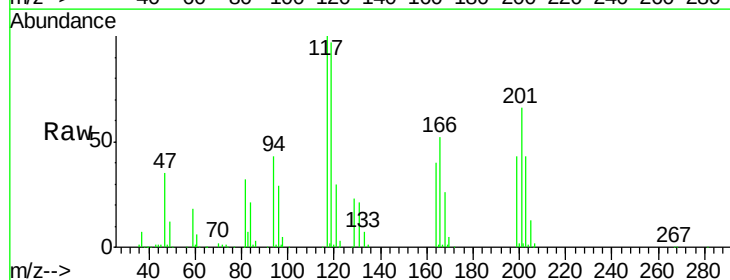


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

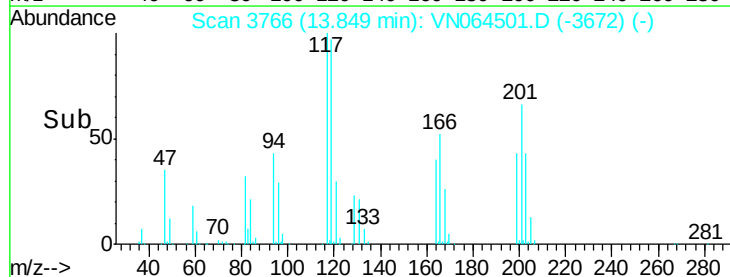
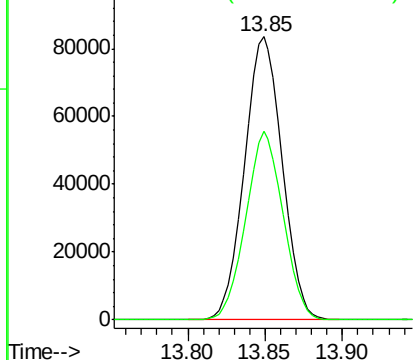


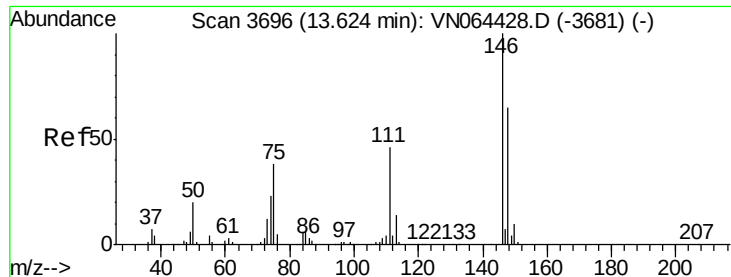
#90
Hexachloroethane
Concen: 52.259 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion: 117 Resp: 141974
Ion Ratio Lower Upper
117 100
201 65.8 32.5 97.5



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

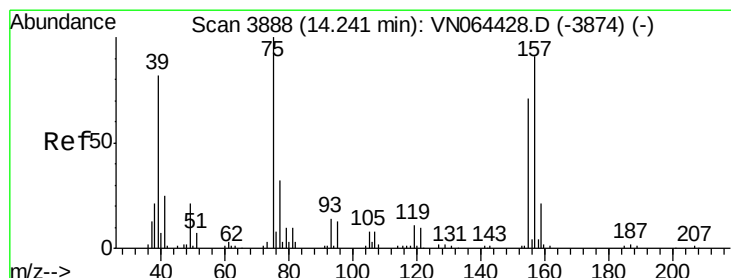
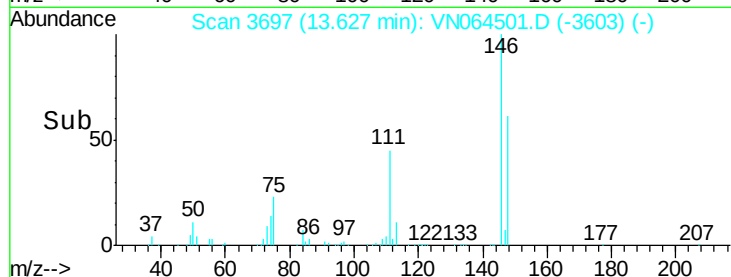
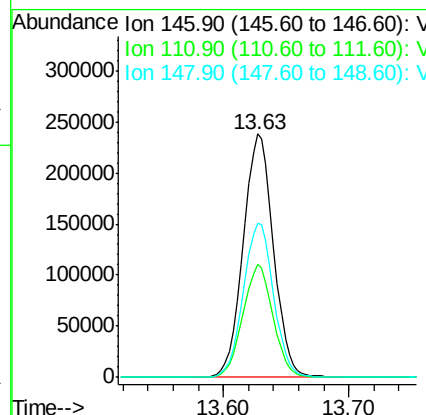
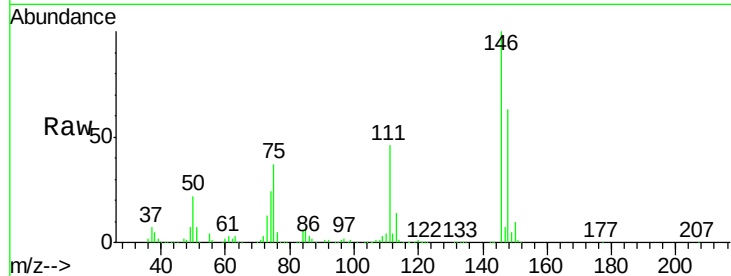




#91
 1,2-Dichlorobenzene
 Concen: 51.253 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

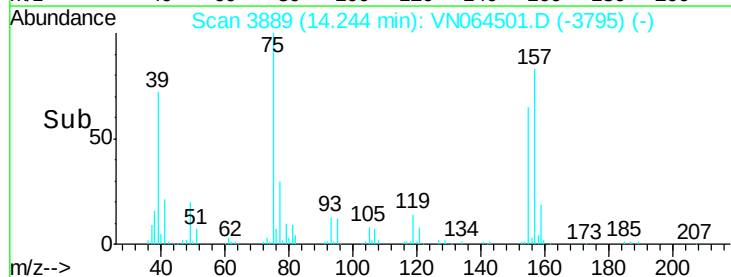
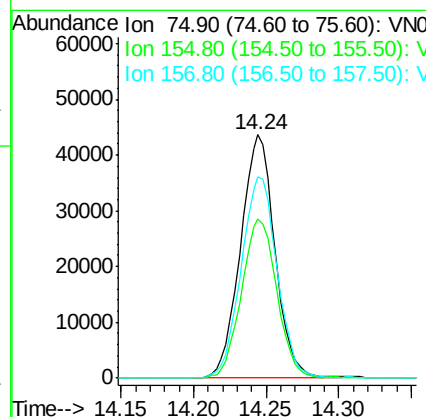
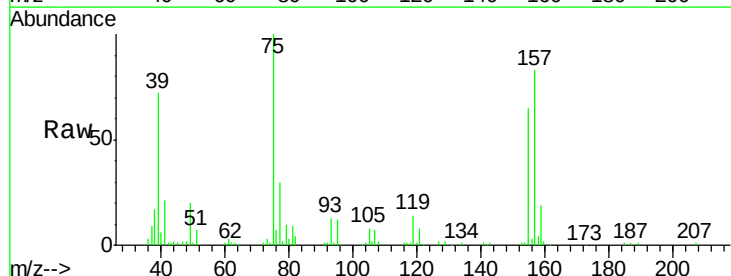
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

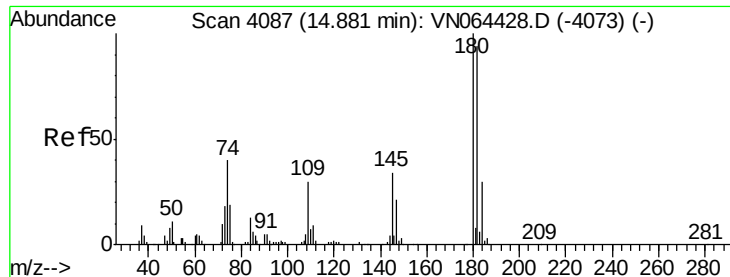
Tot Ion:146 Resp: 399229
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.9 68.7
 148 63.6 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.332 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion: 75 Resp: 71966
 Ion Ratio Lower Upper
 75 100
 155 66.7 34.6 103.9
 157 86.0 43.0 128.8

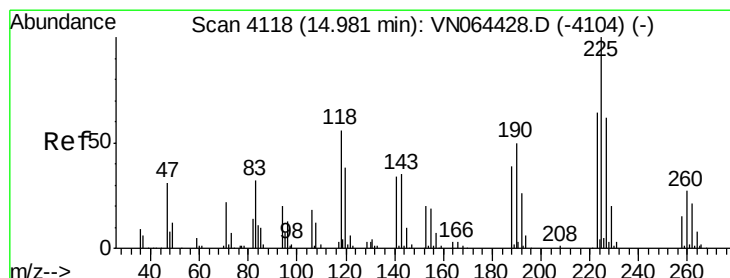
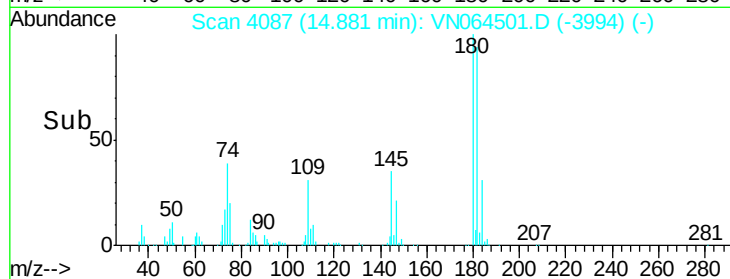
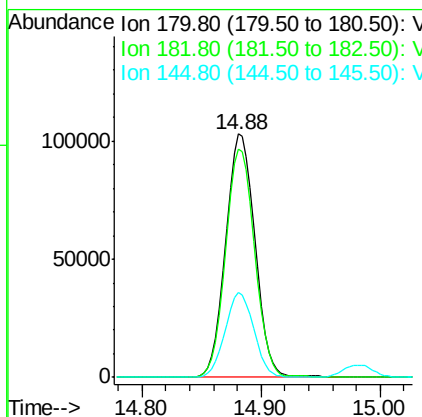
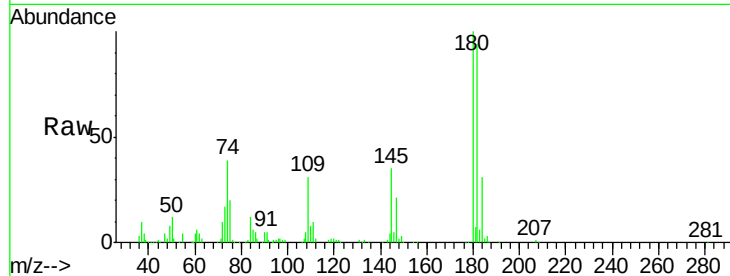




#93
 1,2,4-Trichlorobenzene
 Concen: 45.628 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

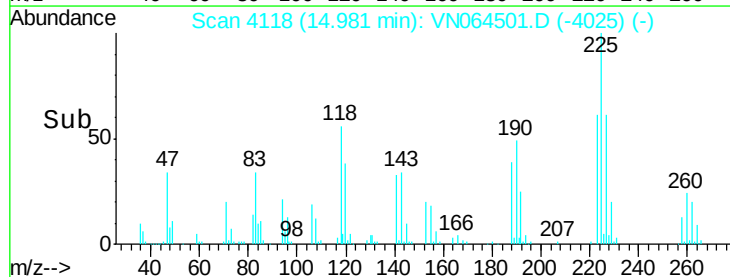
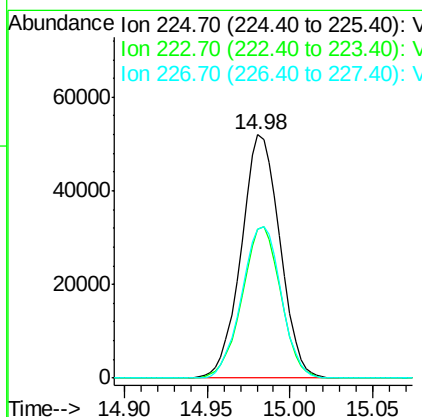
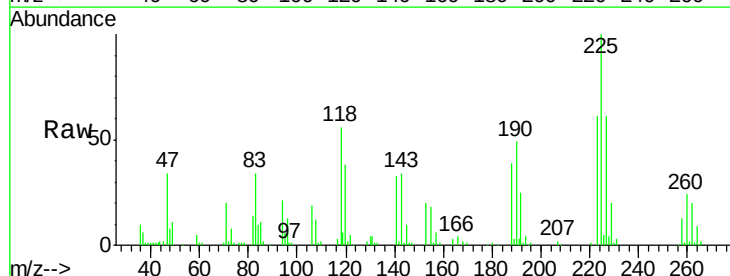
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

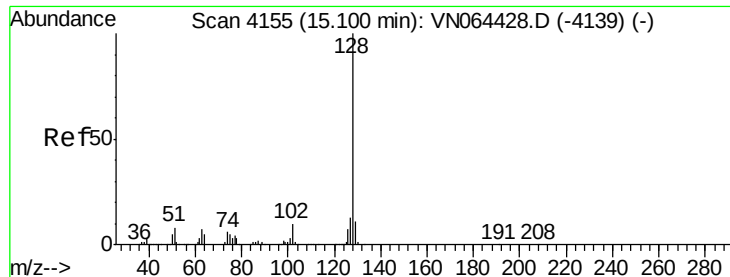
Tot Ion:180 Resp: 175796
 Ion Ratio Lower Upper
 180 100
 182 93.0 47.3 142.0
 145 34.3 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 53.162 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064501.D
 Acq: 6 Nov 2020 22:30

Tgt Ion:225 Resp: 84310
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.8 95.4
 227 63.8 31.8 95.4

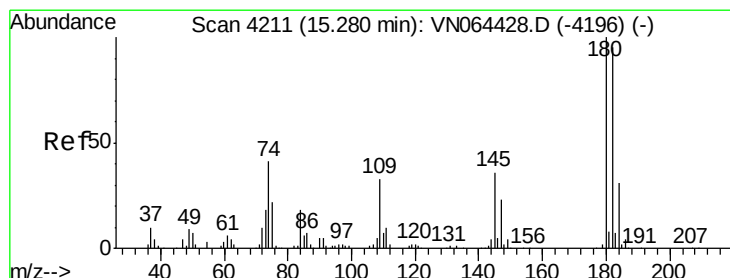
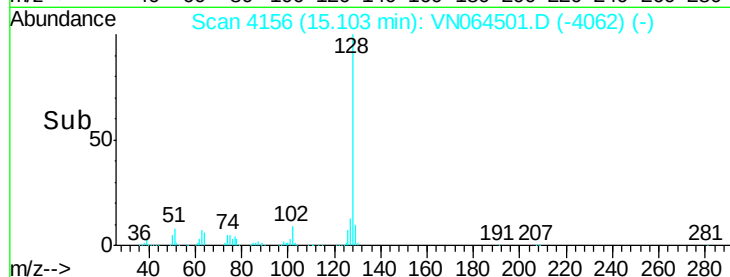
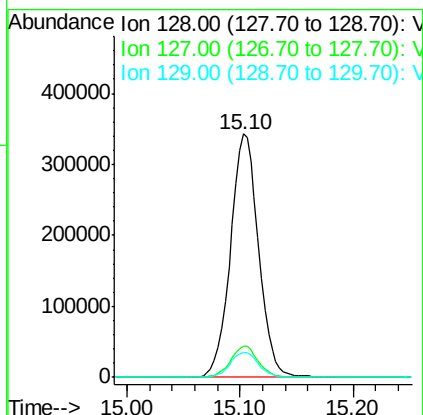
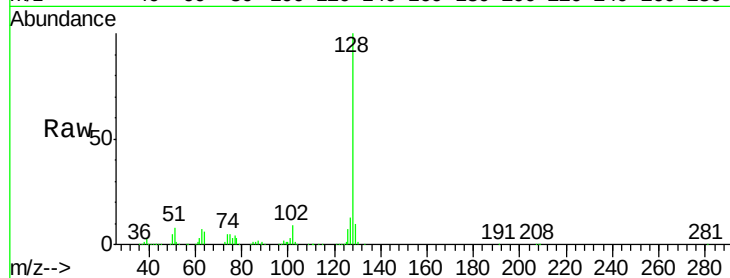




#95
Naphthalene
Concen: 45.053 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 591397
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.244 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064501.D
Acq: 6 Nov 2020 22:30

Tgt Ion:180 Resp: 176445
Ion Ratio Lower Upper
180 100
182 94.2 47.7 143.1
145 35.4 18.3 54.8

