

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111020\
 Data File : VN064543.D
 Acq On : 10 Nov 2020 22:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 11 01:59:03 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	328095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	588560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	261934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	268718	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
35) Dibromofluoromethane	7.55	113	192987	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	10.06	98	723197	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	
62) 4-Bromofluorobenzene	12.38	95	271098	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	206858	48.434	ug/l	98
3) Chloromethane	2.04	50	250067	48.204	ug/l	100
4) Vinyl Chloride	2.17	62	272381	51.130	ug/l	98
5) Bromomethane	2.53	94	170306	50.042	ug/l	100
6) Chloroethane	2.67	64	170889	50.103	ug/l	100
7) Trichlorofluoromethane	2.99	101	392246	50.003	ug/l	99
8) Diethyl Ether	3.38	74	139425	50.331	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	184292	49.473	ug/l	98
10) Methyl Iodide	3.91	142	217833	50.326	ug/l	99
11) Tert butyl alcohol	4.75	59	156499	248.318	ug/l	100
12) 1,1-Dichloroethene	3.69	96	175045	49.886	ug/l	97
13) Acrolein	3.57	56	145740	372.806	ug/l	99
14) Allyl chloride	4.27	41	331779	48.335	ug/l	99
15) Acrylonitrile	4.94	53	478837	272.896	ug/l	99
16) Acetone	3.78	43	439460	201.873	ug/l	100
17) Carbon Disulfide	4.01	76	509483	48.553	ug/l	100
18) Methyl Acetate	4.29	43	247282	57.779	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	636028	50.363	ug/l	98
20) Methylene Chloride	4.51	84	213468	49.423	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	198681	49.869	ug/l	98
22) Diisopropyl ether	5.91	45	741291	50.876	ug/l	97
23) Vinyl Acetate	5.85	43	3043178	256.737	ug/l	99
24) 1,1-Dichloroethane	5.80	63	401672	50.167	ug/l	100
25) 2-Butanone	6.79	43	675402	243.503	ug/l	98
26) 2,2-Dichloropropane	6.78	77	306551	42.295	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	235775	51.072	ug/l	94
28) Bromochloromethane	7.15	49	191833	48.743	ug/l	99
29) Tetrahydrofuran	7.17	42	448330	263.456	ug/l	99
30) Chloroform	7.33	83	428666	50.933	ug/l	98
31) Cyclohexane	7.62	56	319758	46.028	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	378470	50.701	ug/l	99
36) 1,1-Dichloropropene	7.75	75	304582	48.986	ug/l	98
37) Ethyl Acetate	6.89	43	295939	46.943	ug/l	99
38) Carbon Tetrachloride	7.74	117	332873	50.092	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	272430	48.877	ug/l	99
40) Benzene	8.00	78	912567	49.947	ug/l	98
41) Methacrylonitrile	7.13	41	133622	48.473	ug/l	93
42) 1,2-Dichloroethane	8.09	62	370882	50.300	ug/l	98
43) Isopropyl Acetate	8.13	43	508608	50.475	ug/l	100
44) Trichloroethene	8.80	130	228487	49.566	ug/l	99
45) 1,2-Dichloropropane	9.09	63	247738	50.817	ug/l	99
46) Dibromomethane	9.18	93	163309	50.887	ug/l	99
47) Bromodichloromethane	9.37	83	351535	50.944	ug/l	99
48) Methyl methacrylate	9.17	41	264037	51.929	ug/l	99
49) 1,4-Dioxane	9.17	88	69819	1042.530	ug/l	100
51) 4-Methyl-2-Pentanone	9.96	43	1552399	264.183	ug/l	99
52) Toluene	10.13	92	561196	50.360	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	365983	50.027	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	391303	50.028	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	222101	51.105	ug/l	97
56) Ethyl methacrylate	10.40	69	333289	46.736	ug/l	97
57) 1,3-Dichloropropane	10.68	76	392702	51.768	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	859179	253.923	ug/l	98
59) 2-Hexanone	10.72	43	1119247	233.844	ug/l	100
60) Dibromochloromethane	10.87	129	258840	53.196	ug/l	100
61) 1,2-Dibromoethane	10.98	107	231463	52.507	ug/l	100
64) Tetrachloroethene	10.60	164	201198	47.206	ug/l	97
65) Chlorobenzene	11.41	112	593822	48.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	234170	51.748	ug/l	99
67) Ethyl Benzene	11.49	91	1094158	50.712	ug/l	100
68) m/p-Xylenes	11.59	106	811013	103.648	ug/l	99
69) o-Xylene	11.92	106	385338	50.963	ug/l	98
70) Styrene	11.94	104	678759	53.348	ug/l	99
71) Bromoform	12.10	173	169716	49.950	ug/l #	98
73) Isopropylbenzene	12.23	105	1020638	49.024	ug/l	99
74) N-amyl acetate	12.04	43	457317	45.405	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	320187	50.071	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	430271	67.797	ug/l #	100
77) Bromobenzene	12.50	156	243869	47.978	ug/l	100
78) n-propylbenzene	12.57	91	1178822	49.665	ug/l	99
79) 2-Chlorotoluene	12.65	91	732798	48.677	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	855457	49.807	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	104792	46.103	ug/l	95
82) 4-Chlorotoluene	12.75	91	765971	48.585	ug/l	98
83) tert-Butylbenzene	12.97	119	677773	50.527	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	878218	50.864	ug/l	99
85) sec-Butylbenzene	13.15	105	871697	51.310	ug/l	99
86) p-Isopropyltoluene	13.26	119	799396	52.313	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	433360	49.321	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	436380	48.059	ug/l	98
89) n-Butylbenzene	13.59	91	667888	50.834	ug/l	100
90) Hexachloroethane	13.85	117	153883	52.203	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	441515	52.239	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	66939	52.577	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

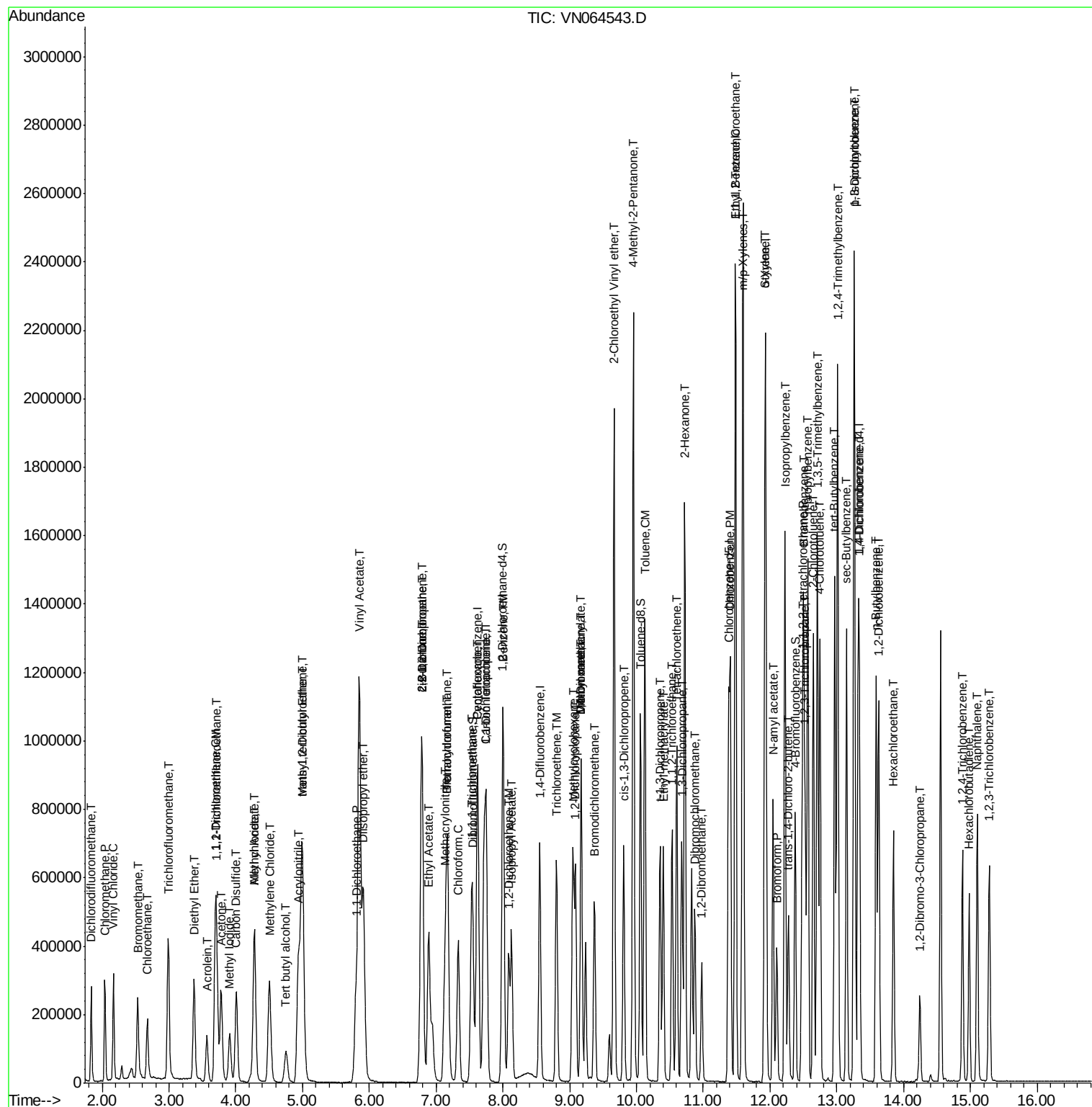
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	192544	46.033	ug/l	99
94) Hexachlorobutadiene	14.98	225	91023	52.896	ug/l	100
95) Naphthalene	15.10	128	631281	44.381	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	193430	47.704	ug/l	99

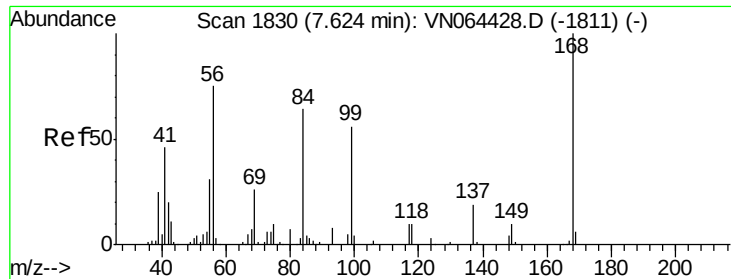
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 12:09:03 2020
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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: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

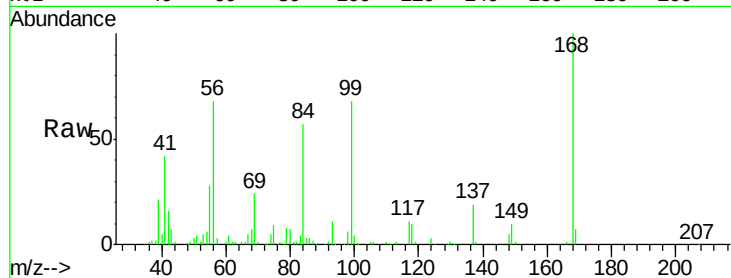
VSTDCCC050EC

Tot Ion:168 Resp: 328095

Ion Ratio Lower Upper

168 100

99 68.1 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

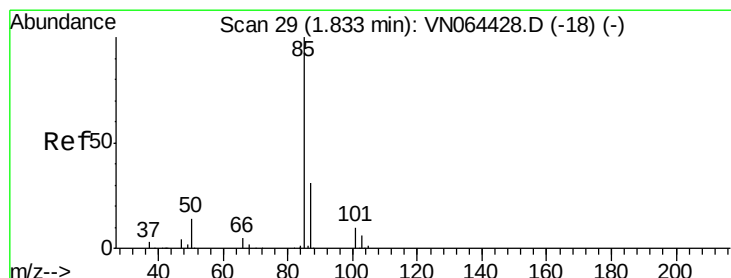
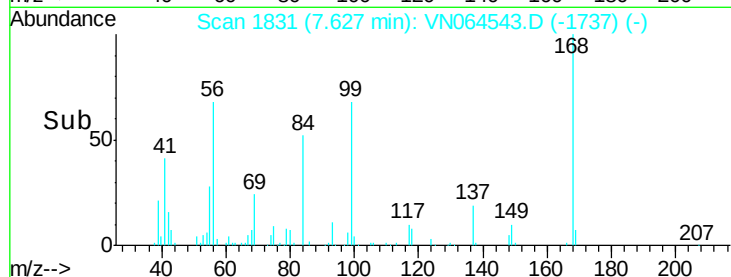
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.434 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064543.D

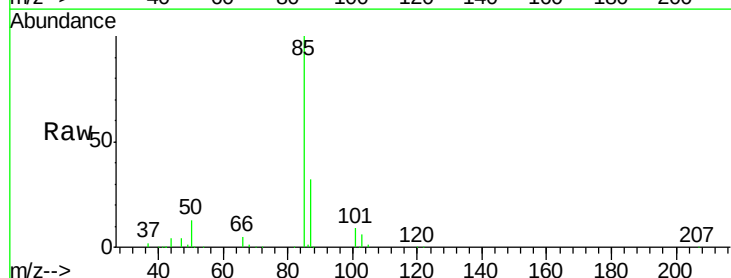
Acq: 10 Nov 2020 22:14

Tgt Ion: 85 Resp: 206858

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

150000

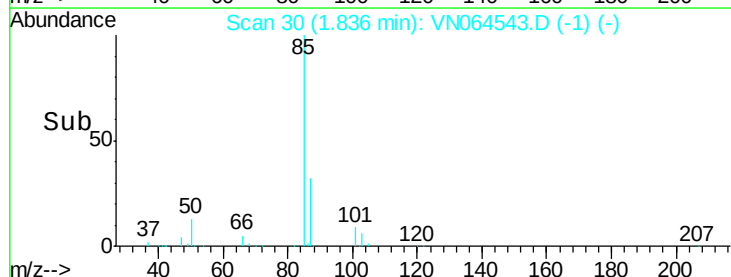
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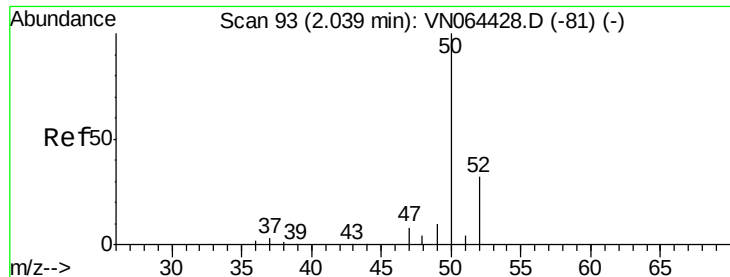
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 48.204 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

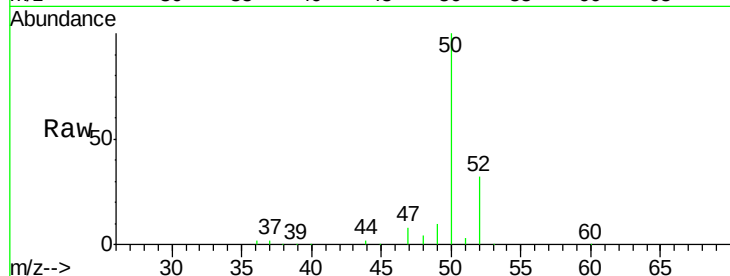
VSTDCCC050EC

Tot Ion: 50 Resp: 250067

Ion Ratio Lower Upper

50 100

52 31.9 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

200000

150000

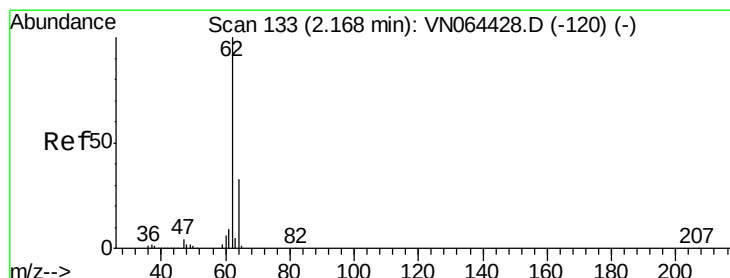
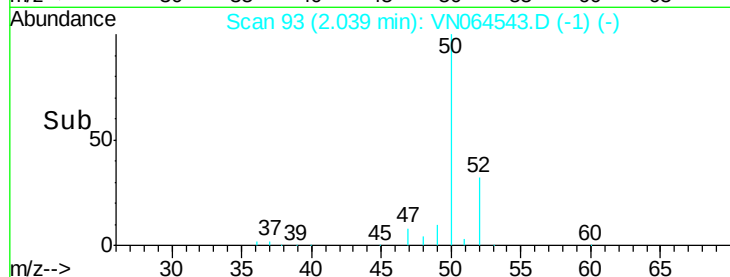
100000

50000

0

2.00 2.05 2.10

Time-->



#4

Vinyl Chloride

Concen: 51.130 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064543.D

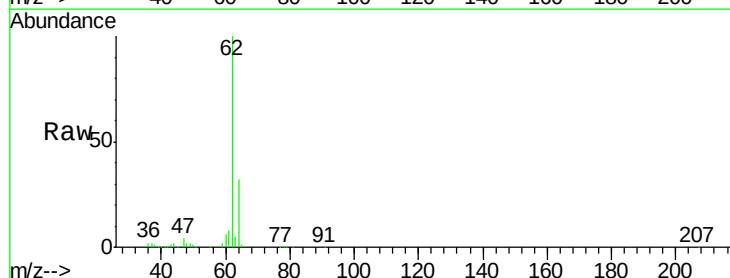
Acq: 10 Nov 2020 22:14

Tgt Ion: 62 Resp: 272381

Ion Ratio Lower Upper

62 100

64 31.6 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.17

200000

150000

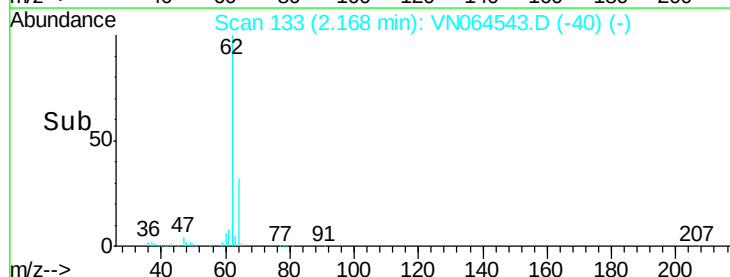
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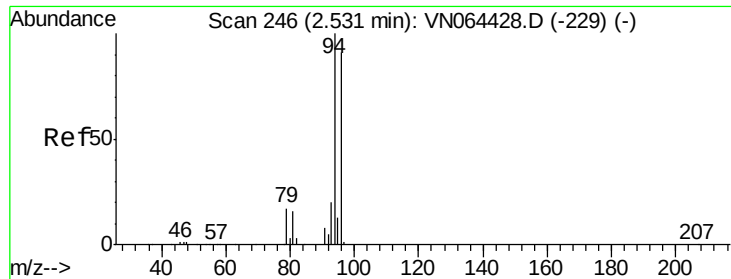
50000

0

2.10 2.15 2.20 2.25

Time-->





#5

Bromomethane

Concen: 50.042 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

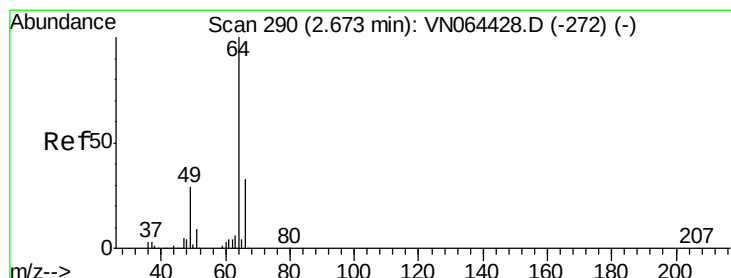
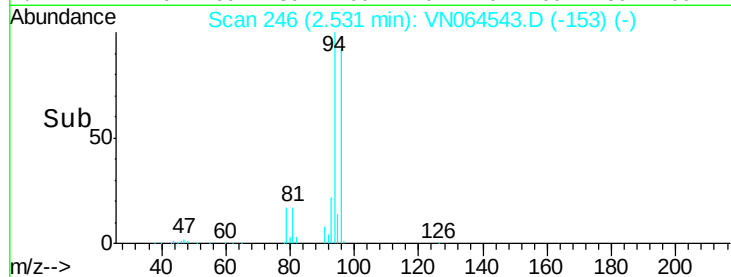
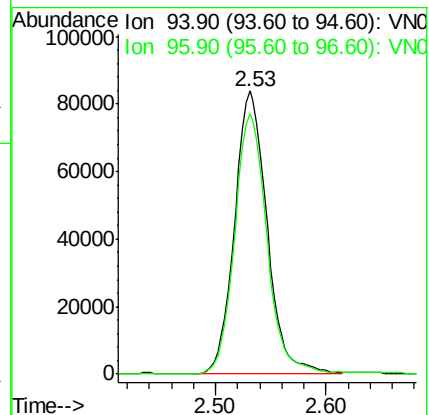
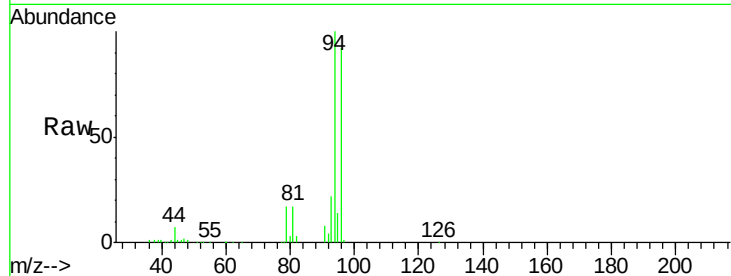
VSTDCCC050EC

Tot Ion: 94 Resp: 170306

Ion Ratio Lower Upper

94 100

96 91.8 73.1 109.7



#6

Chloroethane

Concen: 50.103 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064543.D

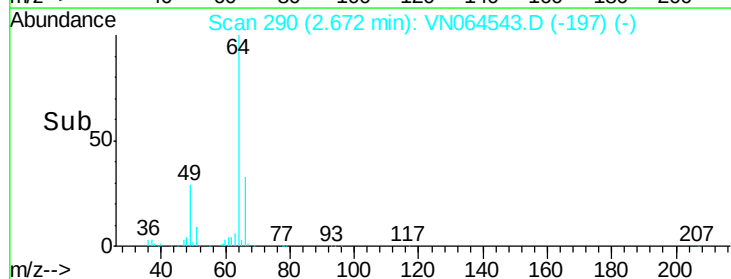
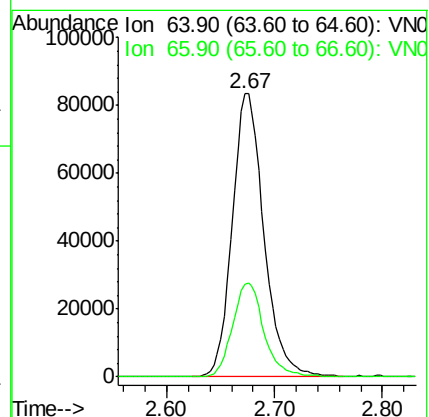
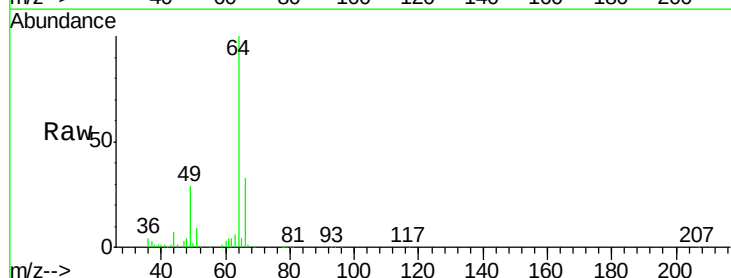
Acq: 10 Nov 2020 22:14

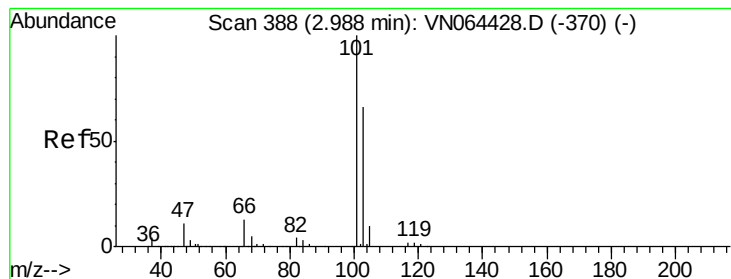
Tgt Ion: 64 Resp: 170889

Ion Ratio Lower Upper

64 100

66 32.8 26.1 39.1



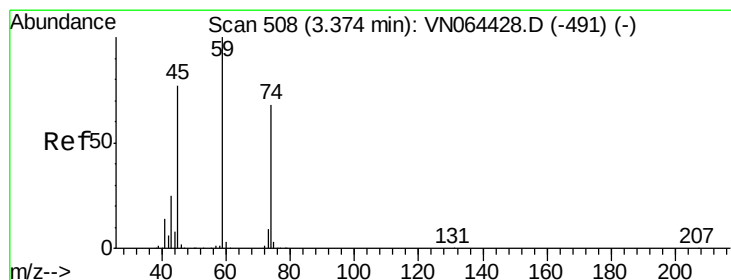
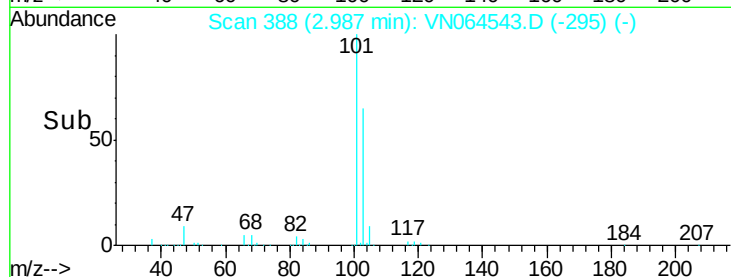
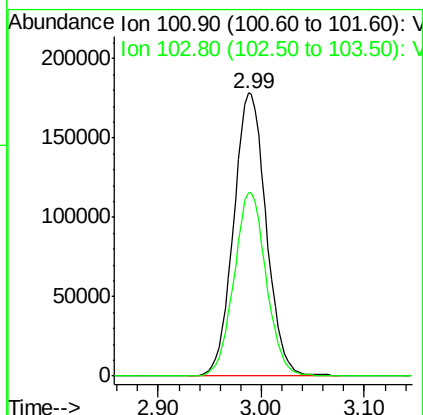
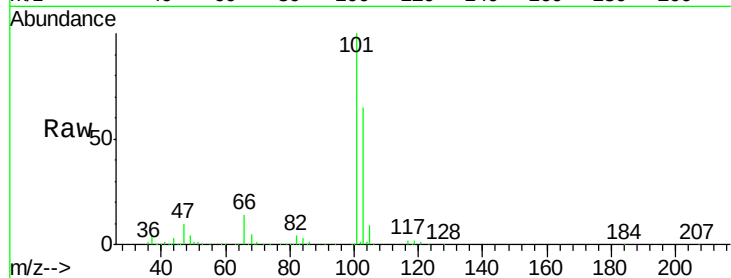


#7

Trichlorofluoromethane
 Concen: 50.003 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

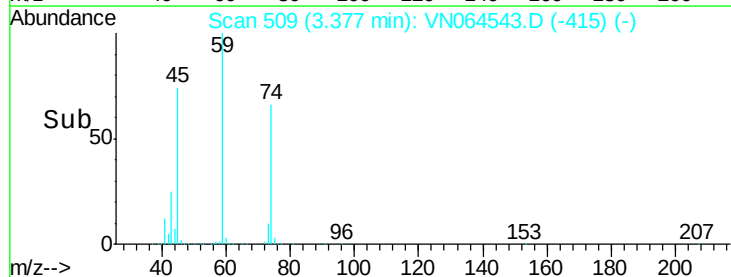
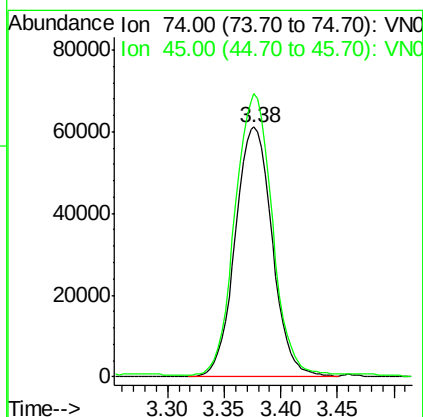
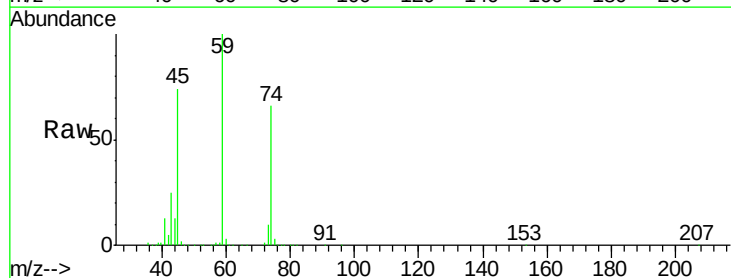
Tot Ion:101 Resp: 392246
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.4 78.6

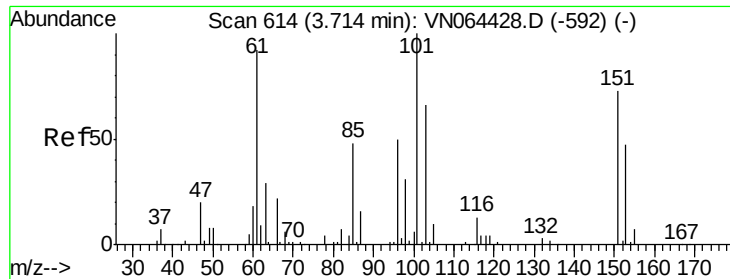


#8

Diethyl Ether
 Concen: 50.331 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion: 74 Resp: 139425
 Ion Ratio Lower Upper
 74 100
 45 112.9 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.473 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

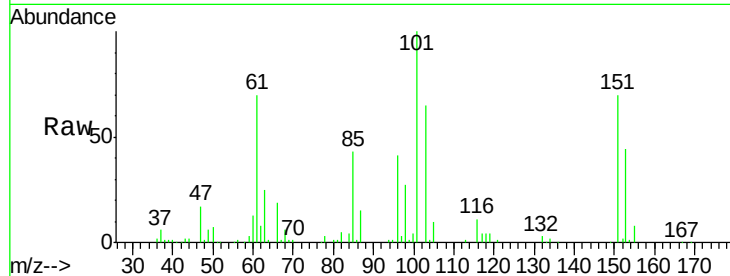
Tot Ion:101 Resp: 184292

Ion Ratio Lower Upper

101 100

85 46.0 38.6 57.8

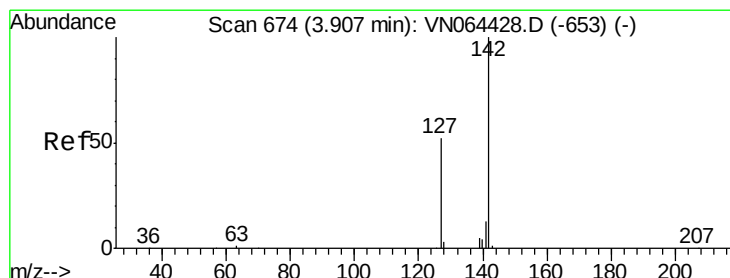
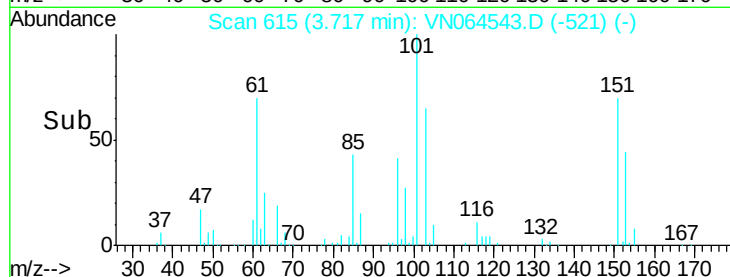
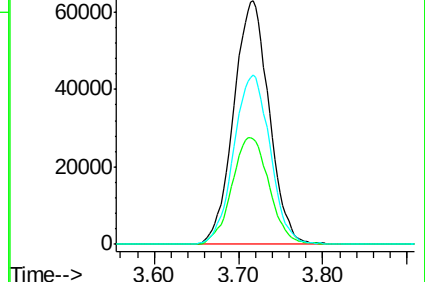
151 71.1 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.326 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

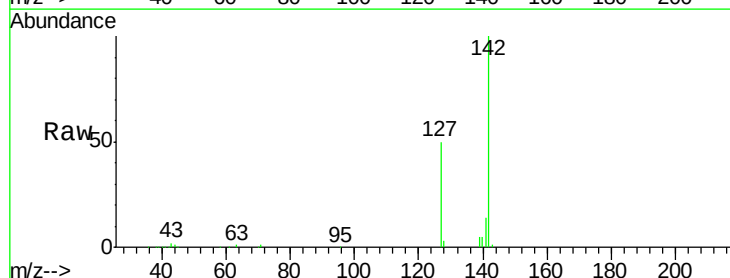
Tgt Ion:142 Resp: 217833

Ion Ratio Lower Upper

142 100

127 51.4 41.8 62.8

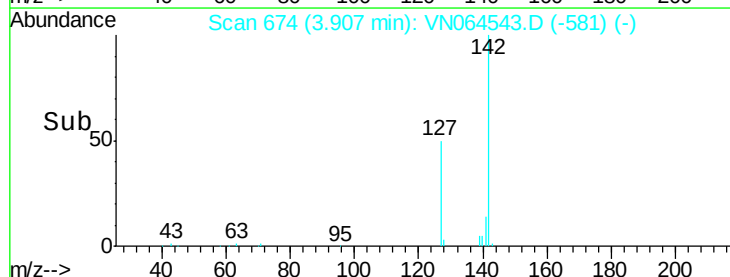
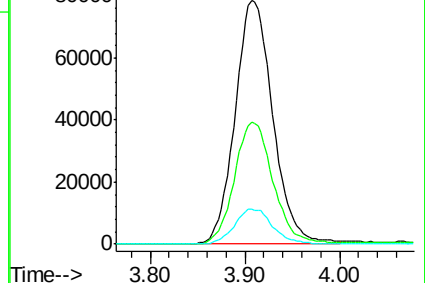
141 14.7 11.4 17.2

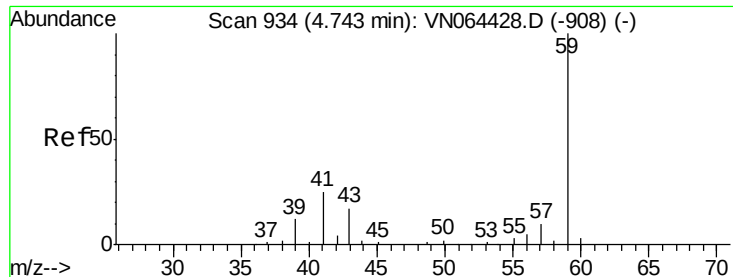


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



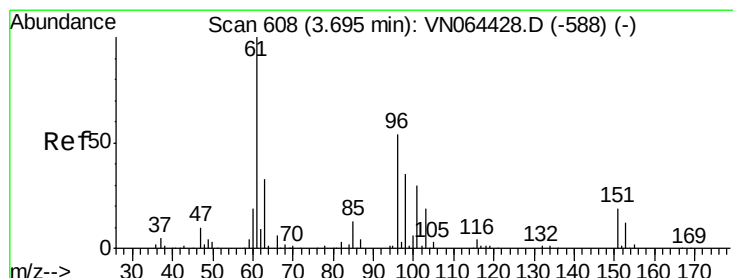
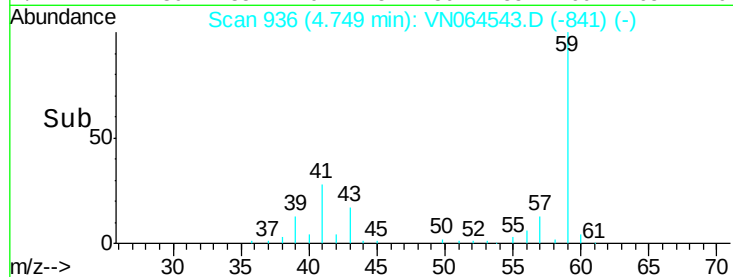
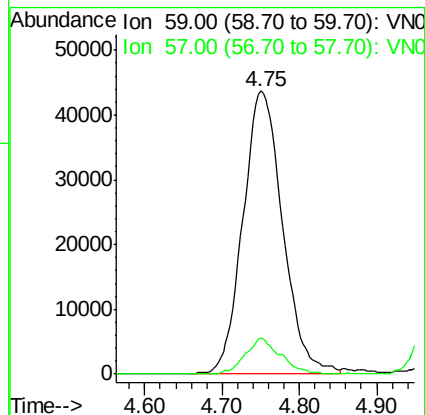
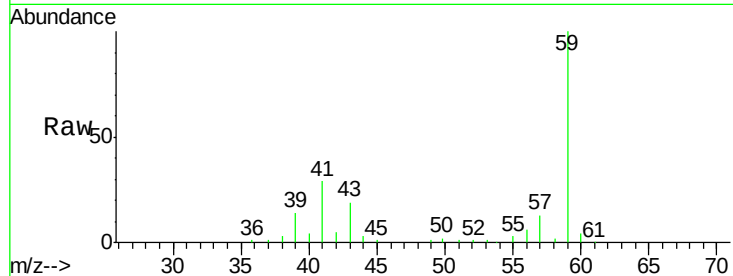


#11

Tert butyl alcohol
 Concen: 248.318 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

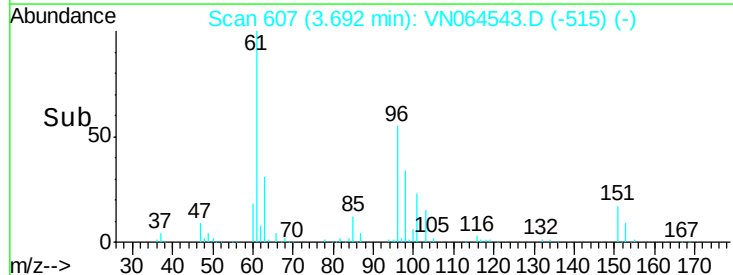
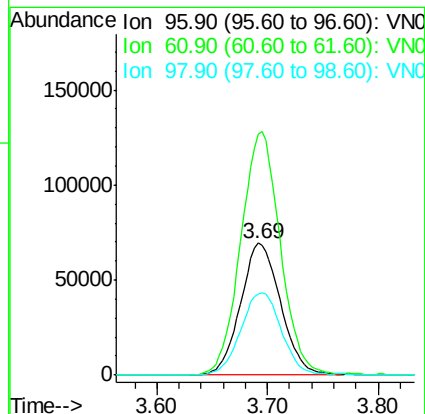
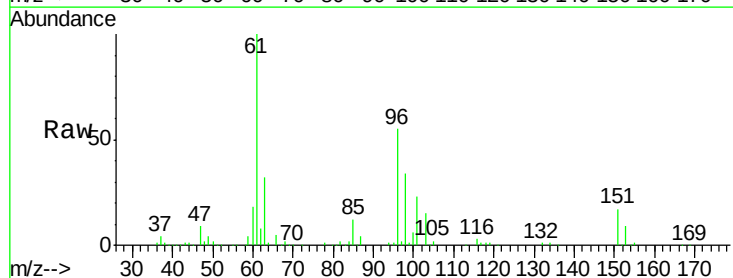
Tot Ion: 59 Resp: 156499
 Ion Ratio Lower Upper
 59 100
 57 11.2 9.0 13.4

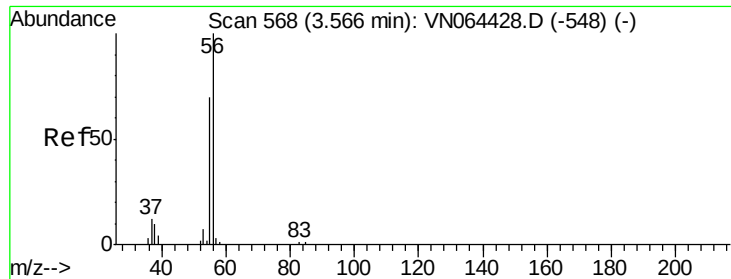


#12

1,1-Dichloroethene
 Concen: 49.886 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion: 96 Resp: 175045
 Ion Ratio Lower Upper
 96 100
 61 182.8 149.5 224.3
 98 61.6 52.4 78.6





#13

Acrolein

Concen: 372.806 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

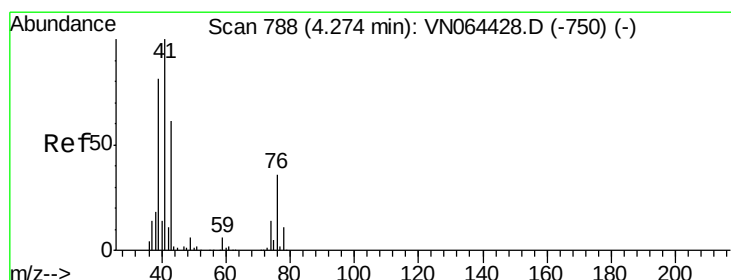
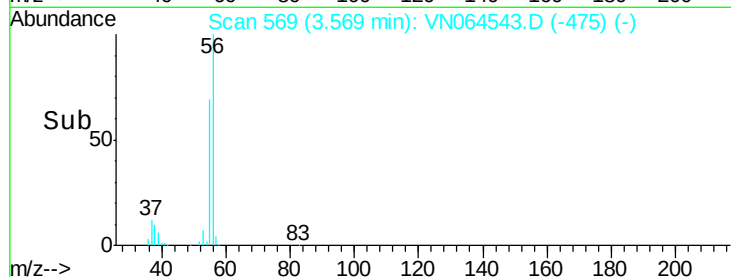
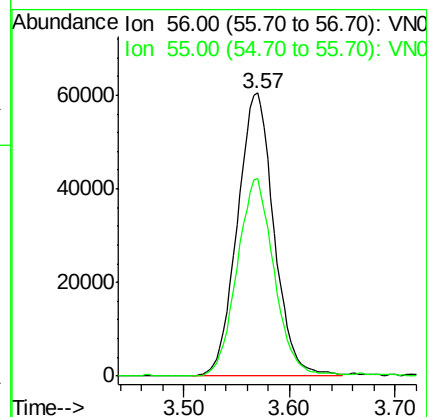
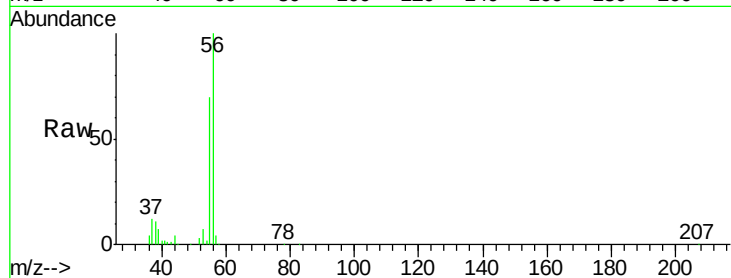
VSTDCCC050EC

Tot Ion: 56 Resp: 145740

Ion Ratio Lower Upper

56 100

55 70.3 55.9 83.9



#14

Allyl chloride

Concen: 48.335 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

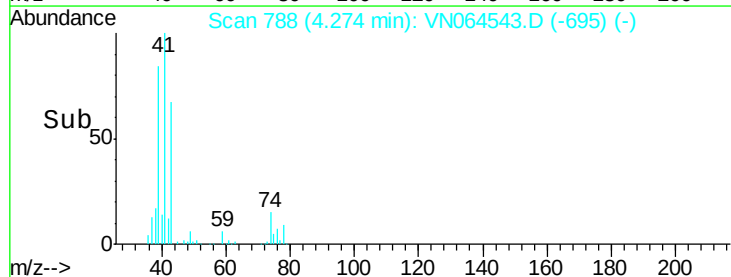
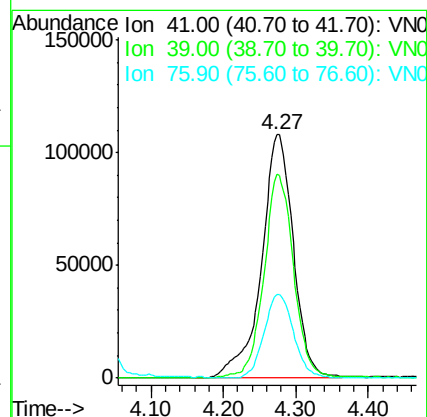
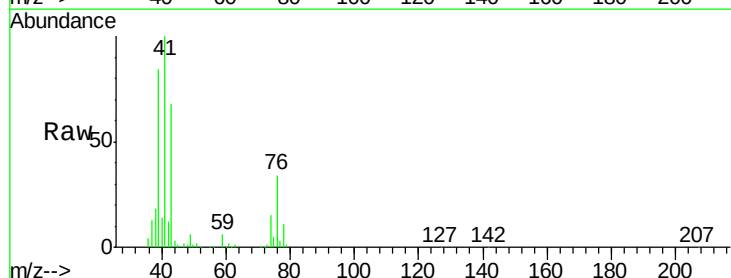
Tgt Ion: 41 Resp: 331779

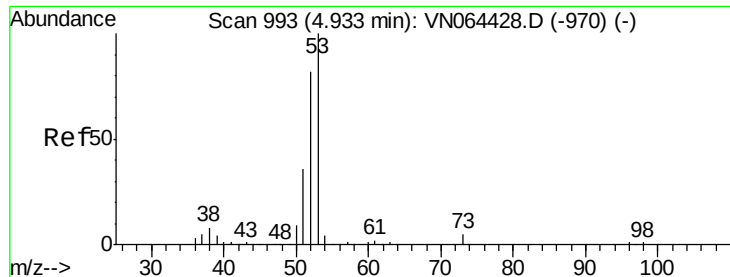
Ion Ratio Lower Upper

41 100

39 78.0 61.8 92.8

76 31.1 25.4 38.0





#15

Acrylonitrile

Concen: 272.896 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

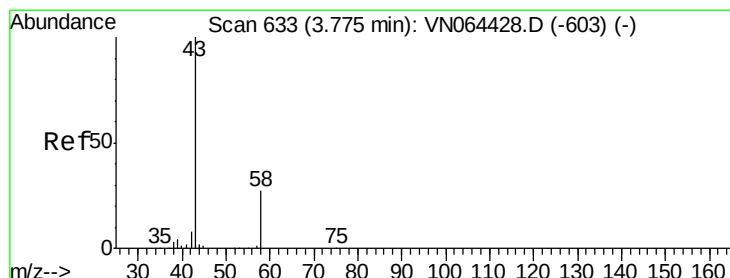
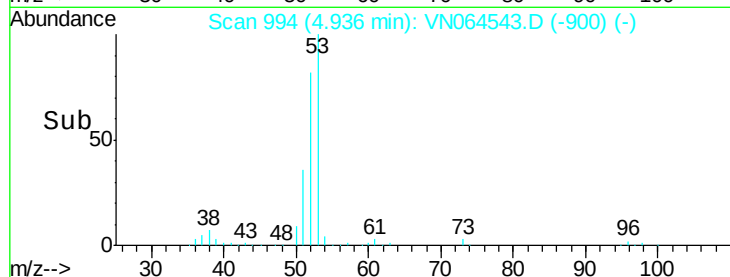
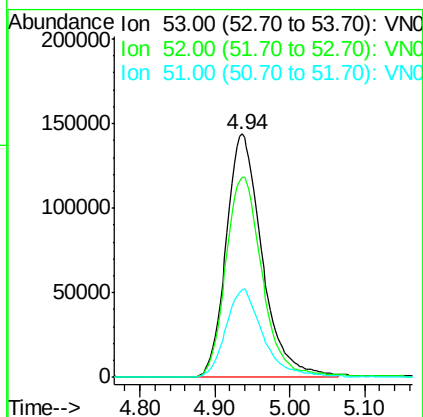
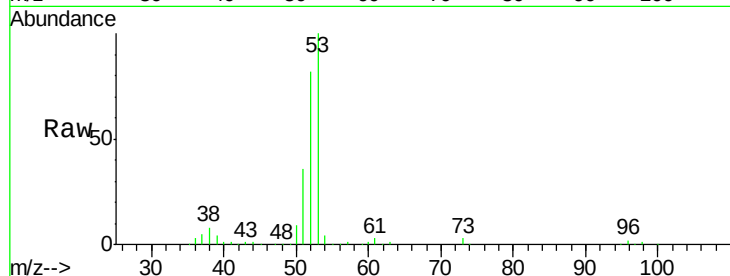
Tot Ion: 53 Resp: 478837

Ion Ratio Lower Upper

53 100

52 82.7 65.6 98.4

51 37.6 29.9 44.9



#16

Acetone

Concen: 201.873 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064543.D

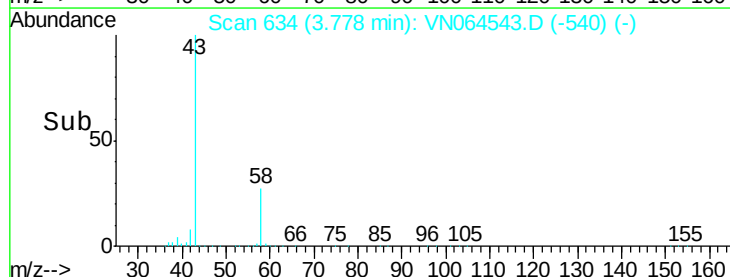
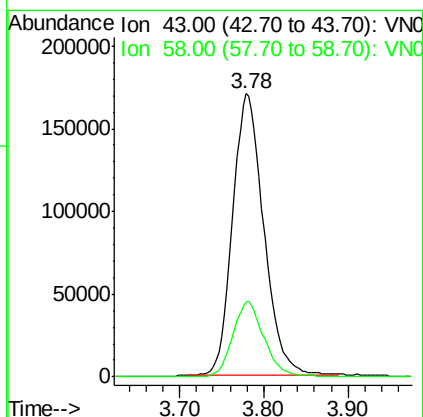
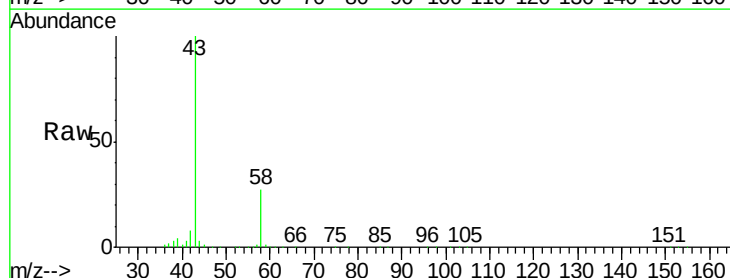
Acq: 10 Nov 2020 22:14

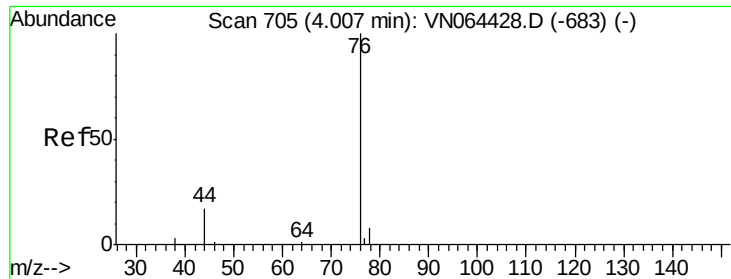
Tgt Ion: 43 Resp: 439460

Ion Ratio Lower Upper

43 100

58 26.6 21.4 32.0





#17

Carbon Disulfide

Concen: 48.553 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

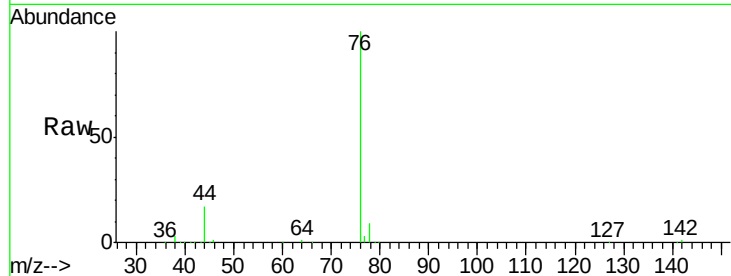
VSTDCCC050EC

Tot Ion: 76 Resp: 509483

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2



Abundance Ion 75.90 (75.60 to 76.60): VN064428.D (-683) (-)

Ion 77.90 (77.60 to 78.60): VN064428.D (-683) (-)

4.01

200000

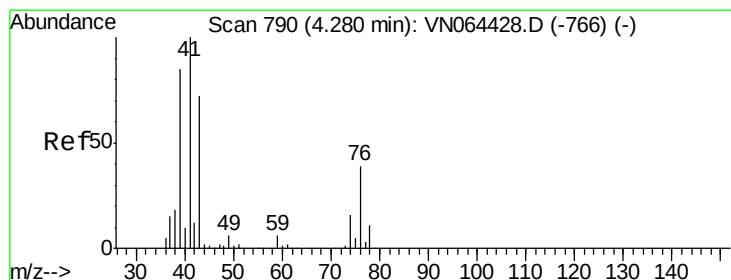
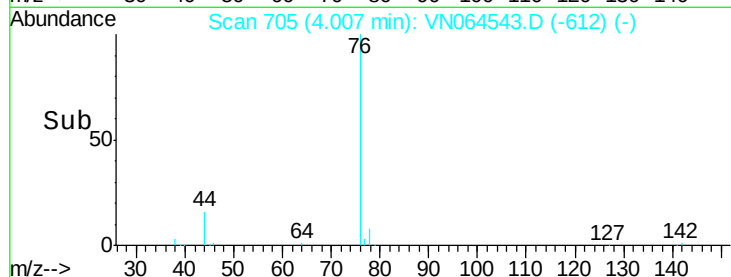
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 57.779 ug/l

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN064543.D

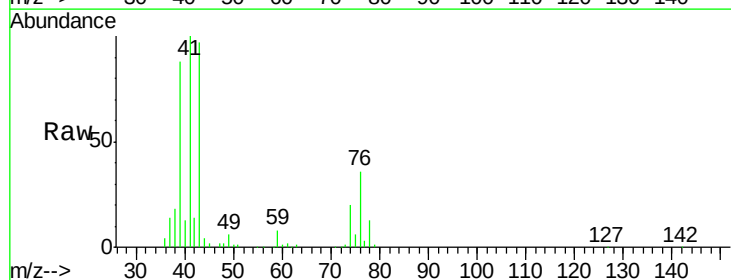
Acq: 10 Nov 2020 22:14

Tgt Ion: 43 Resp: 247282

Ion Ratio Lower Upper

43 100

74 21.5 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-766) (-)

Ion 74.00 (73.70 to 74.70): VN064428.D (-766) (-)

4.29

100000

80000

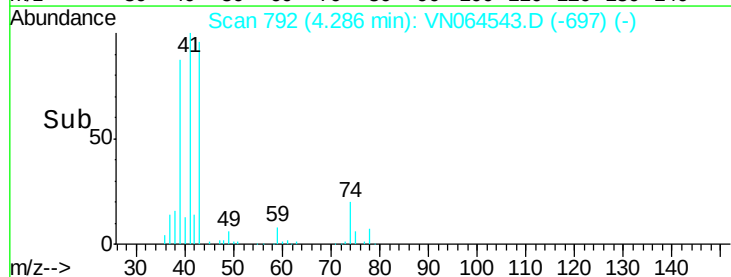
60000

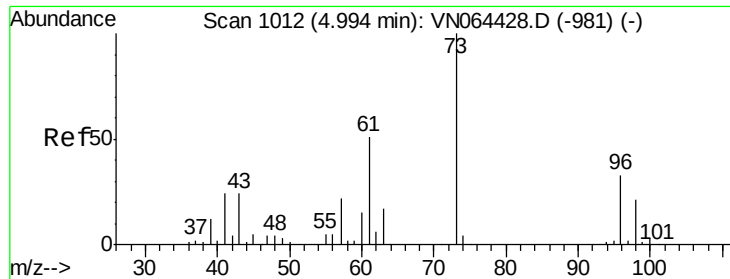
40000

20000

0

Time-->

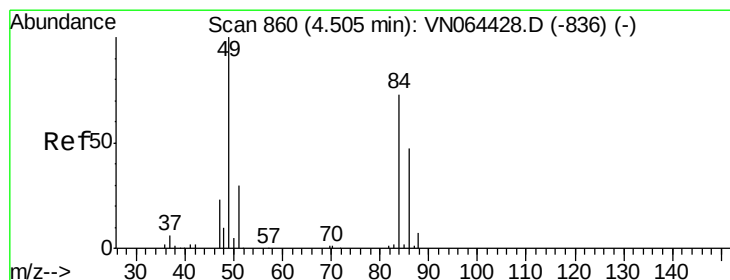
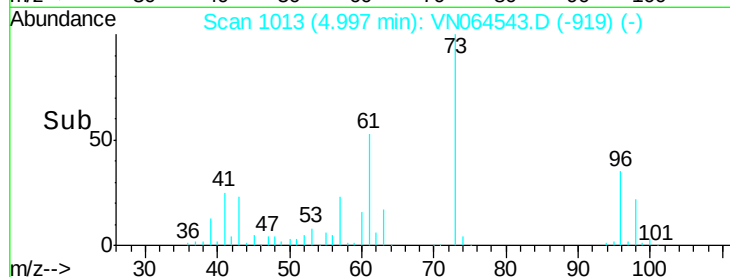
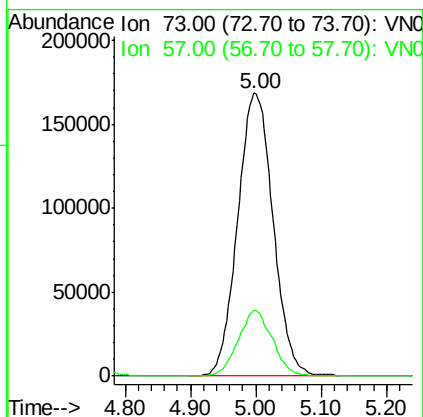
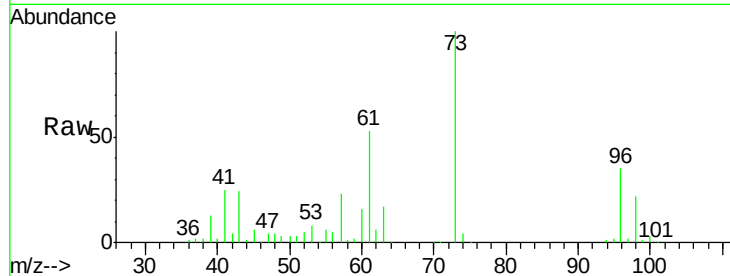




#19
Methyl tert-butyl Ether
Concen: 50.363 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

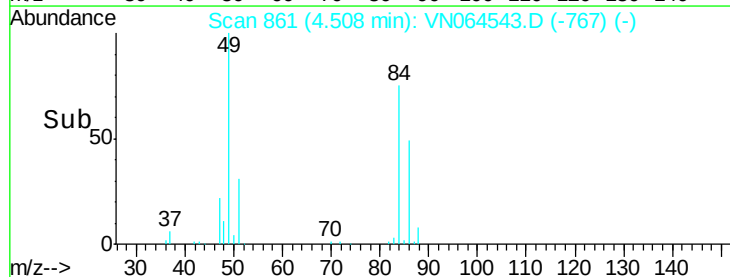
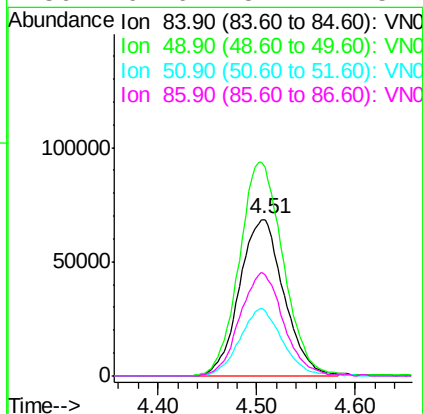
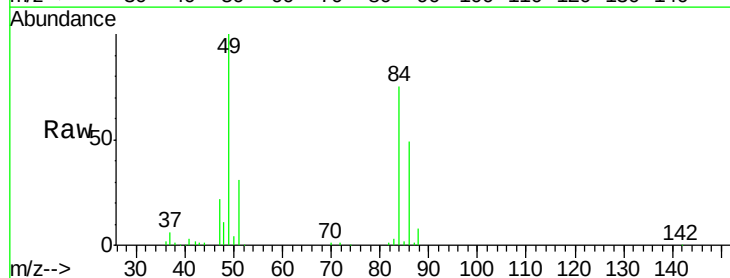
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

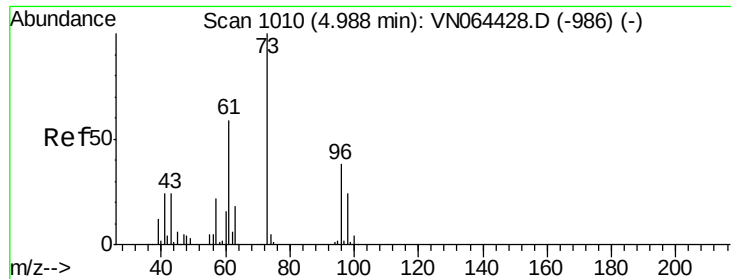
Tot Ion: 73 Resp: 636028
Ion Ratio Lower Upper
73 100
57 23.2 17.7 26.5



#20
Methylene Chloride
Concen: 49.423 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 84 Resp: 213468
Ion Ratio Lower Upper
84 100
49 132.8 110.1 165.1
51 41.5 33.6 50.4
86 64.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 49.869 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

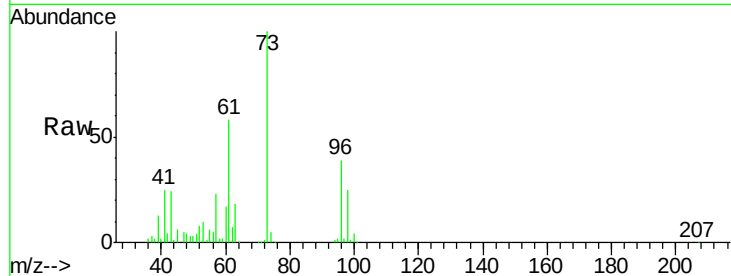
Tot Ion: 96 Resp: 198681

Ion Ratio Lower Upper

96 100

61 150.1 122.4 183.6

98 64.9 50.4 75.6

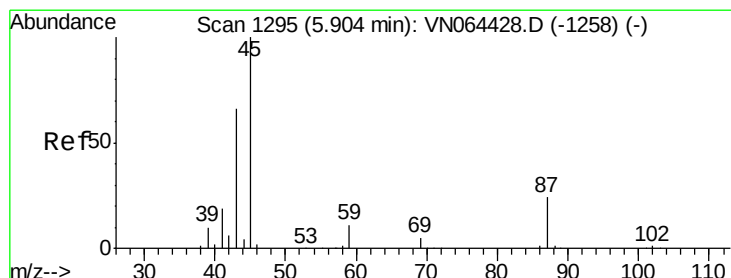
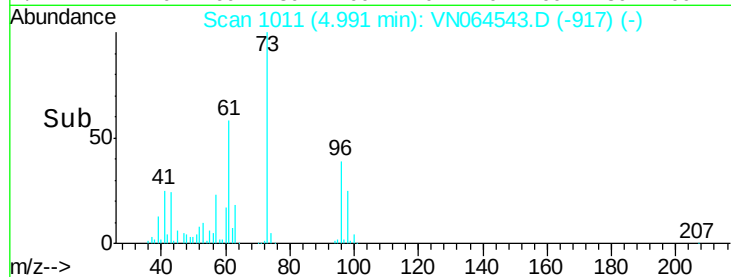
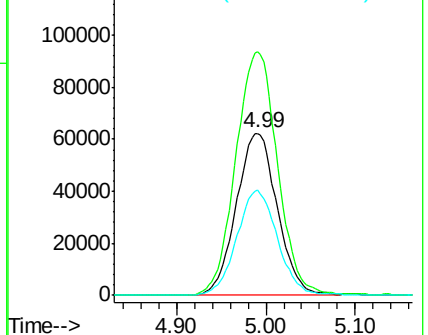


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 50.876 ug/l

RT: 5.91 min Scan# 1297

Delta R.T. 0.01 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Tgt Ion: 45 Resp: 741291

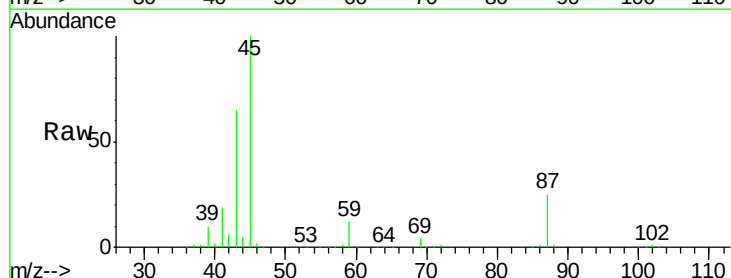
Ion Ratio Lower Upper

45 100

43 63.5 53.2 79.8

87 24.9 19.9 29.9

59 11.2 8.6 13.0



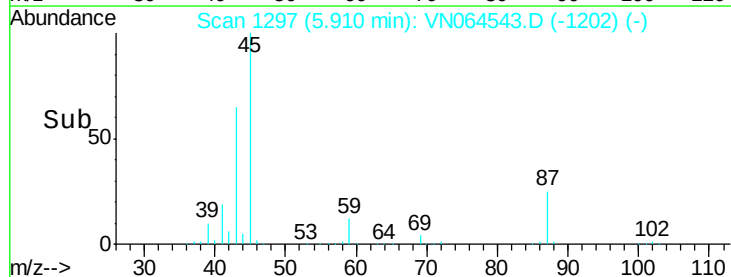
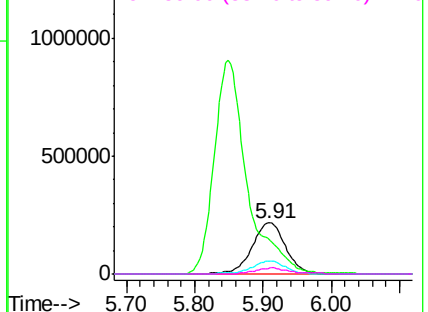
Abundance

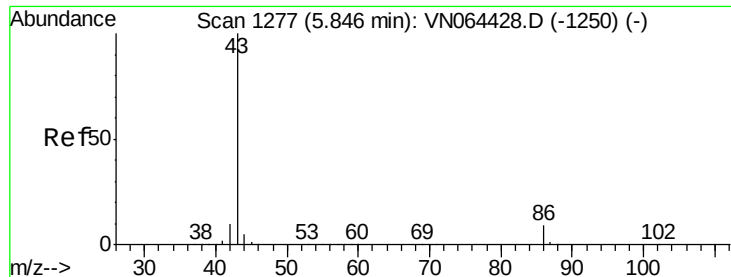
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 256.737 ug/l

RT: 5.85 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

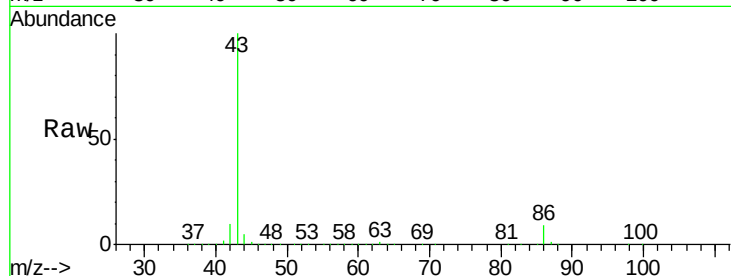
VSTDCCC050EC

Tot Ion: 43 Resp: 3043178

Ion Ratio Lower Upper

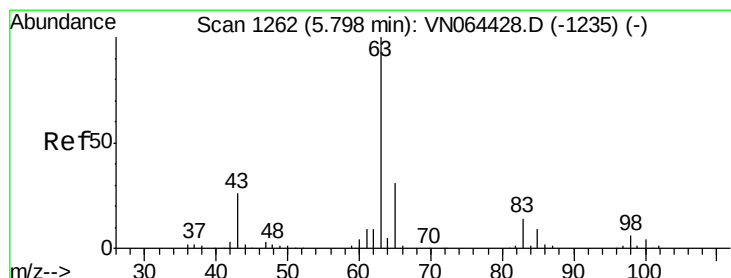
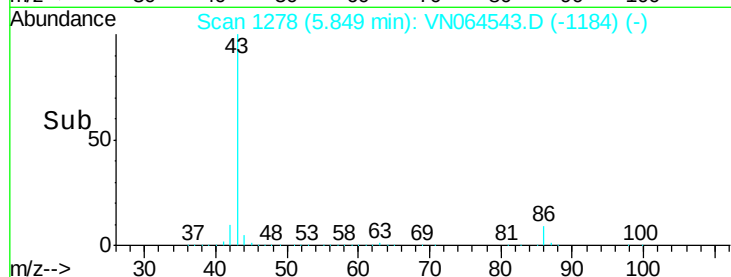
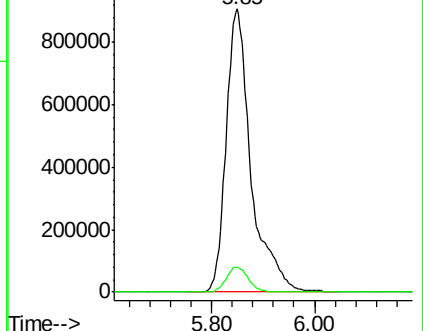
43 100

86 8.9 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN064543.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064543.D (-1184) (-)



#24

1,1-Dichloroethane

Concen: 50.167 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

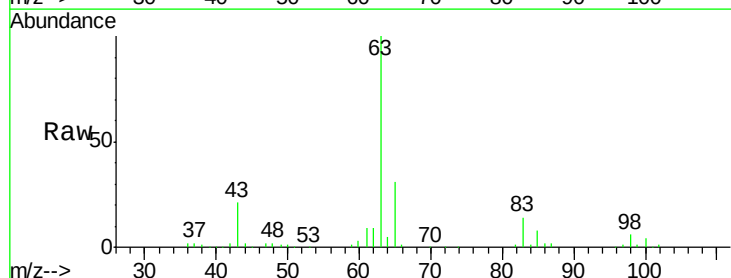
Tgt Ion: 63 Resp: 401672

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

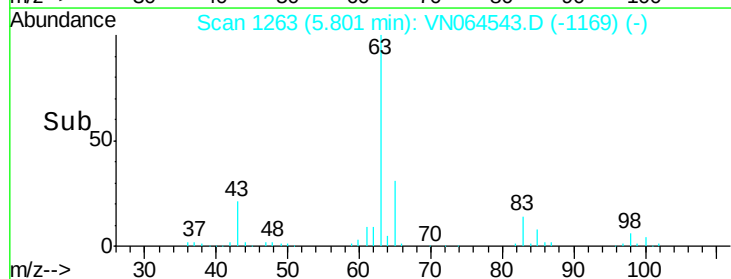
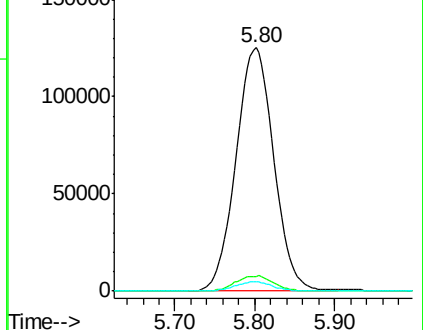
100 3.8 1.8 5.3

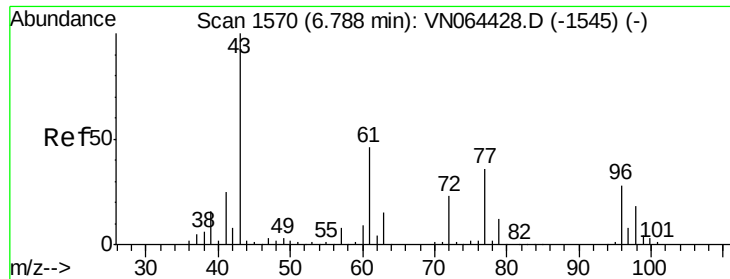


Abundance Ion 62.90 (62.60 to 63.60): VN064543.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064543.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064543.D (-1169) (-)





#25

2-Butanone

Concen: 243.503 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

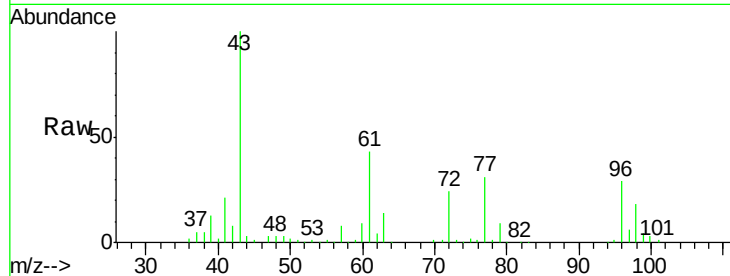
VSTDCCC050EC

Tot Ion: 43 Resp: 675402

Ion Ratio Lower Upper

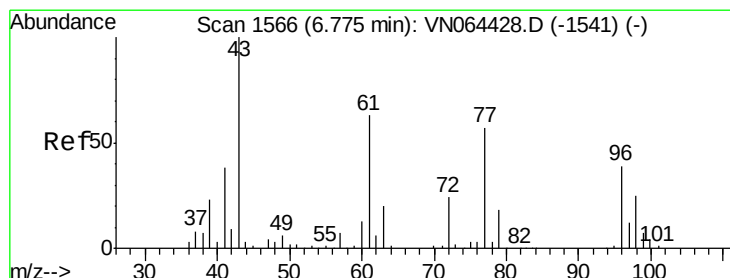
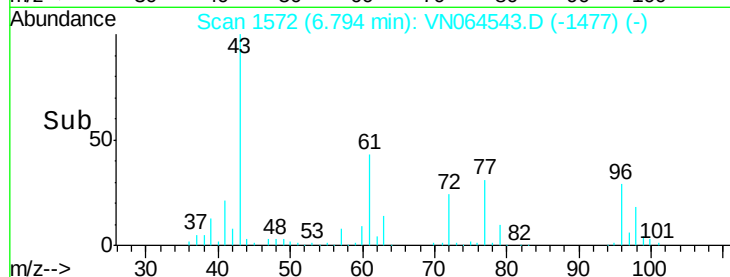
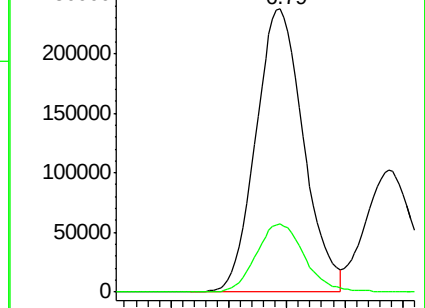
43 100

72 24.0 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 42.295 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064543.D

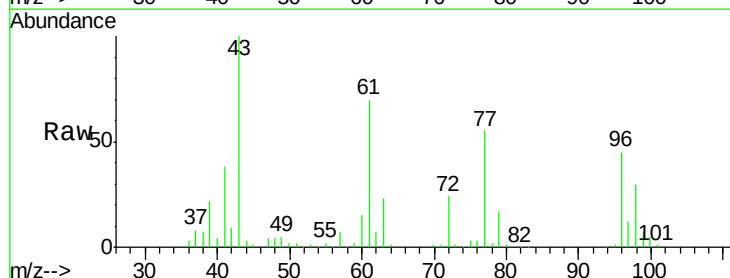
Acq: 10 Nov 2020 22:14

Tgt Ion: 77 Resp: 306551

Ion Ratio Lower Upper

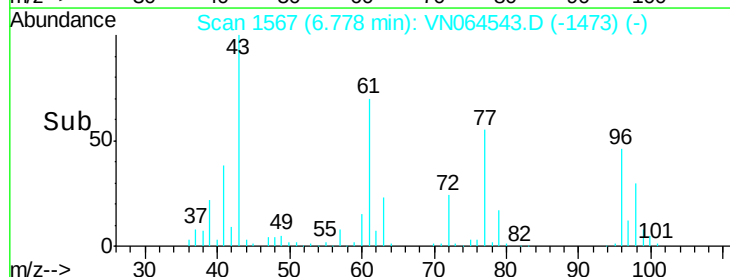
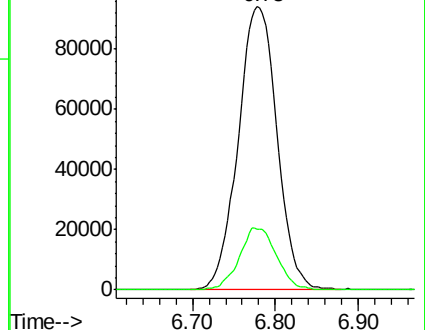
77 100

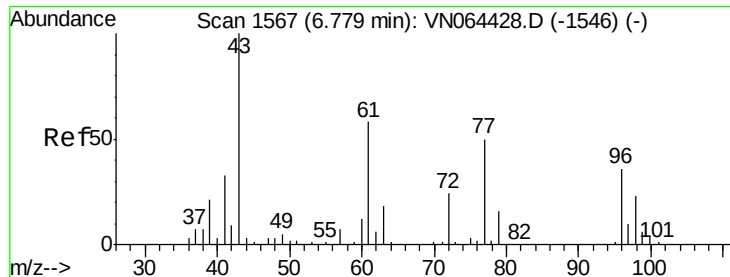
97 21.0 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 51.072 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

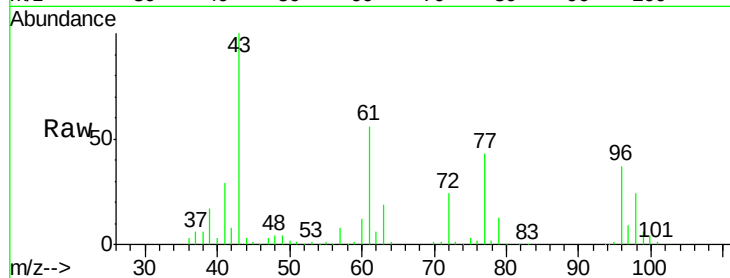
Tot Ion: 96 Resp: 235775

Ion Ratio Lower Upper

96 100

61 154.4 0.0 329.6

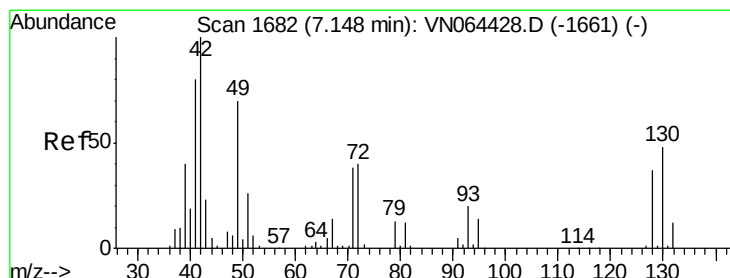
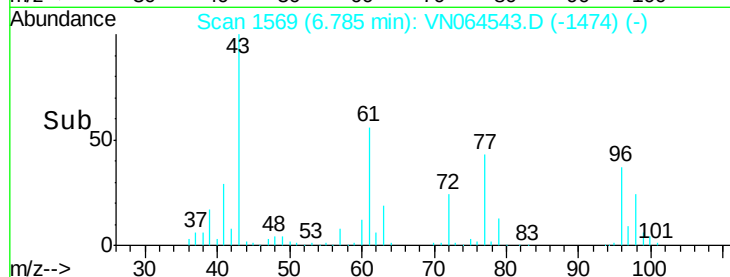
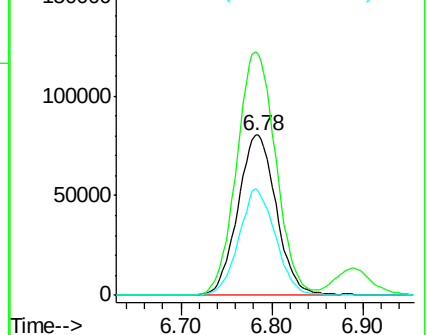
98 63.3 0.0 131.2



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: 48.743 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

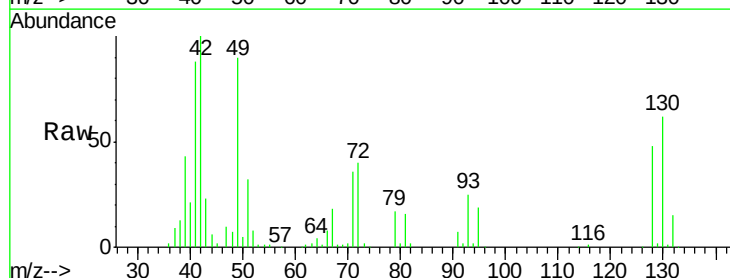
Tgt Ion: 49 Resp: 191833

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.6

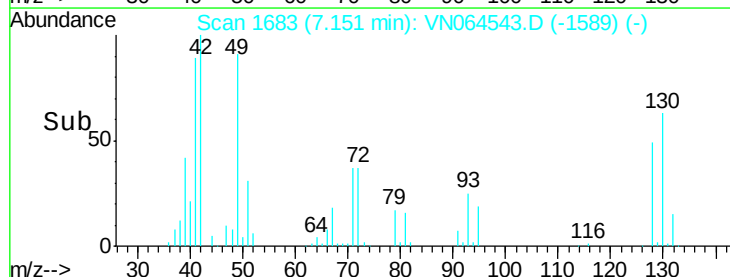
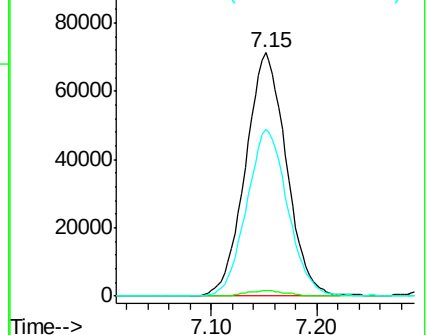
130 68.9 54.2 81.4

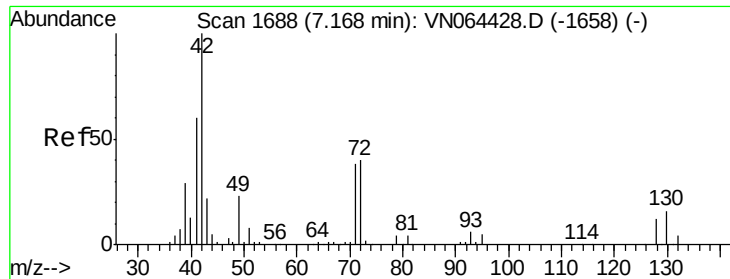


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

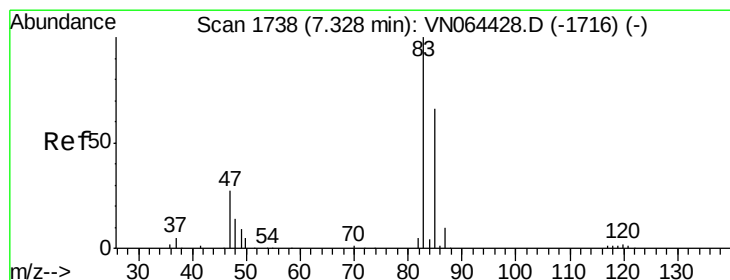
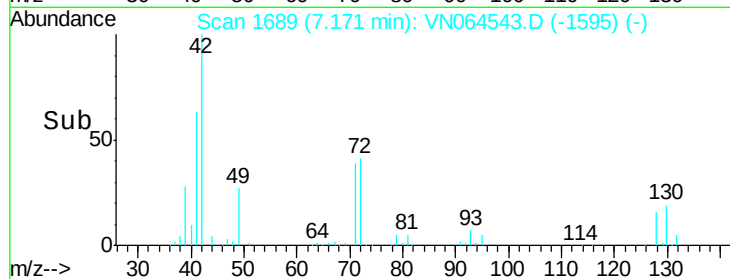
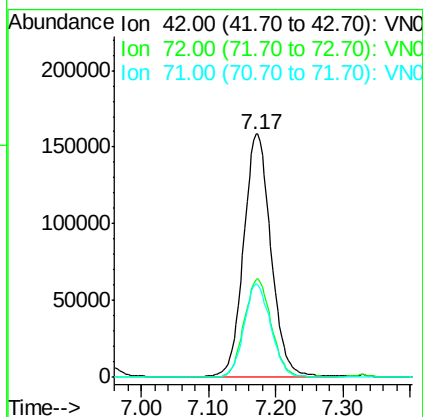
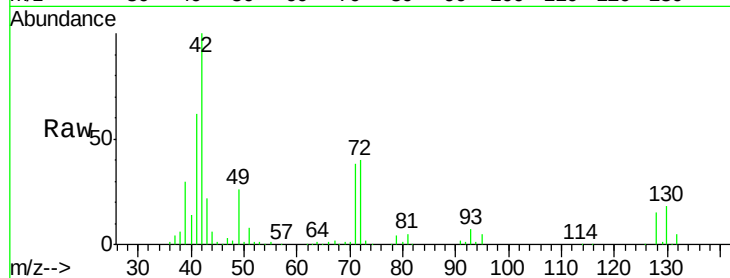




#29
Tetrahydrofuran
Concen: 263.456 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

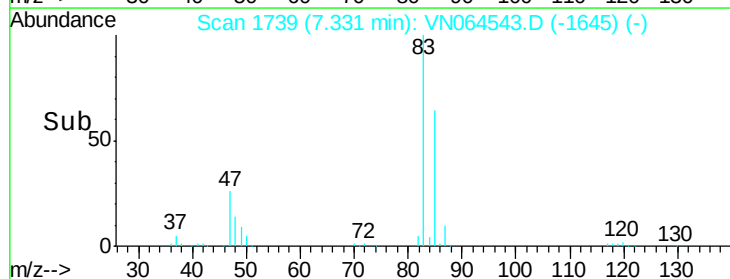
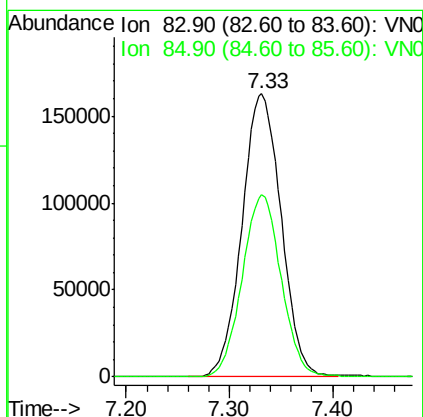
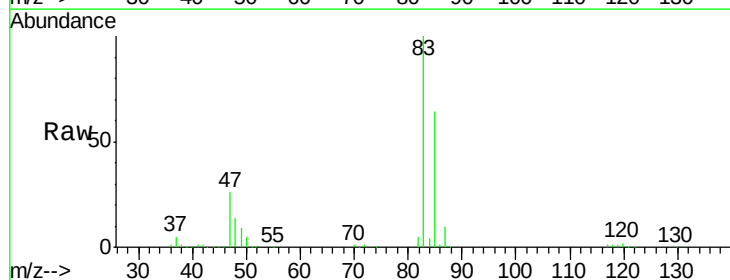
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

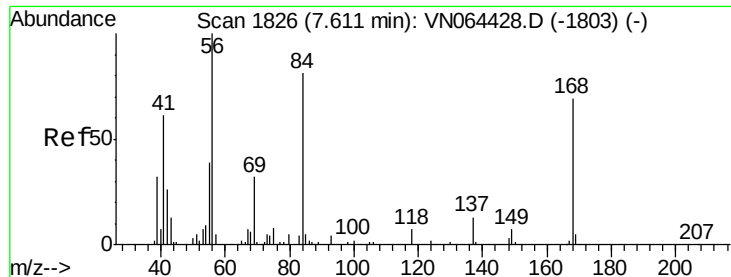
Tot Ion: 42 Resp: 448330
Ion Ratio Lower Upper
42 100
72 40.2 31.7 47.5
71 37.5 29.8 44.6



#30
Chloroform
Concen: 50.933 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 83 Resp: 428666
Ion Ratio Lower Upper
83 100
85 64.3 52.5 78.7





#31

Cyclohexane

Concen: 46.028 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

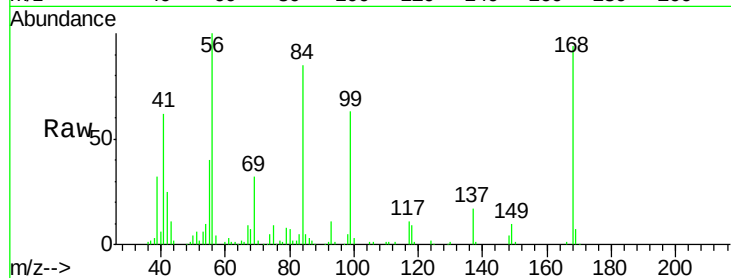
Tot Ion: 56 Resp: 319758

Ion Ratio Lower Upper

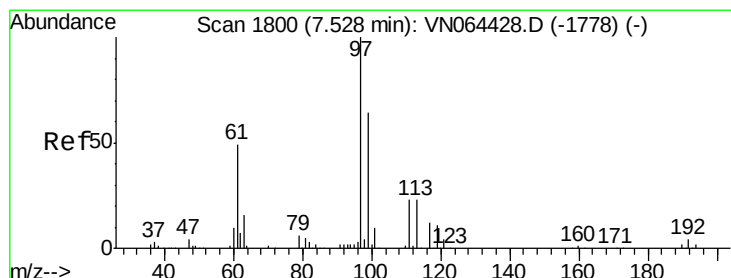
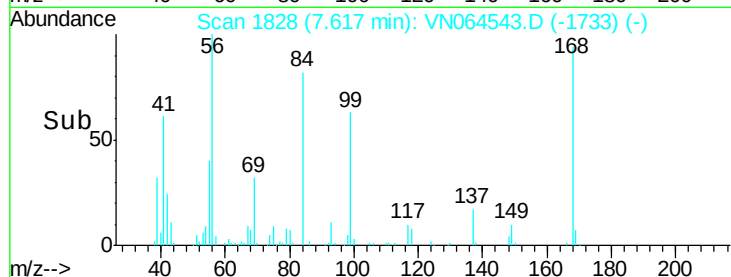
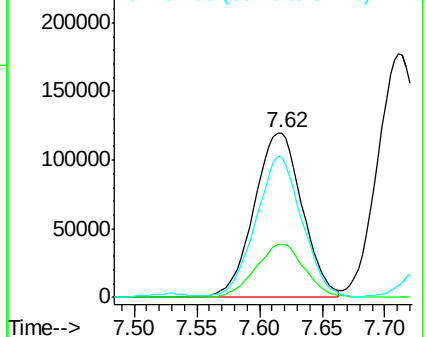
56 100

69 32.3 25.6 38.4

84 83.8 63.0 94.6



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



#32

1,1,1-Trichloroethane

Concen: 50.701 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

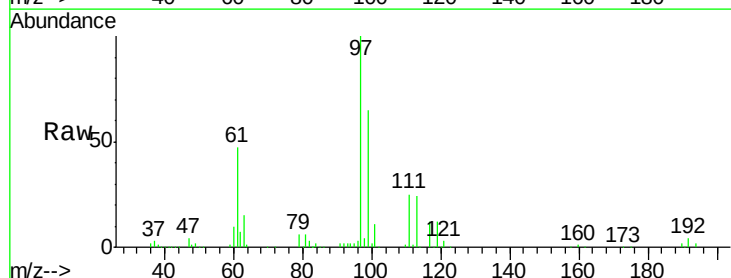
Tgt Ion: 97 Resp: 378470

Ion Ratio Lower Upper

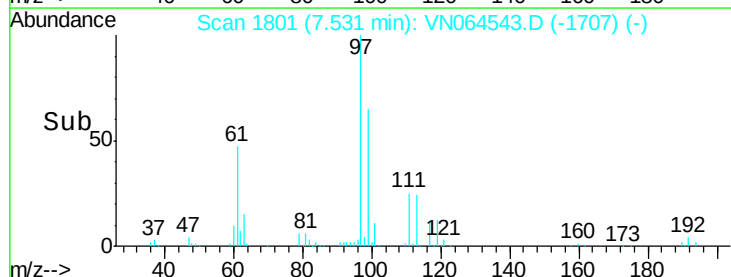
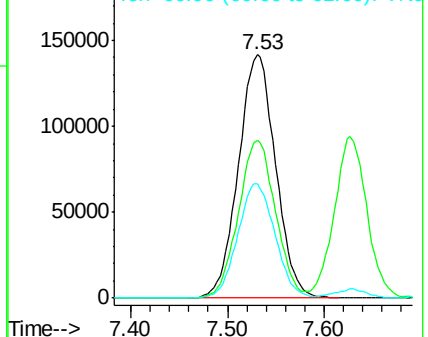
97 100

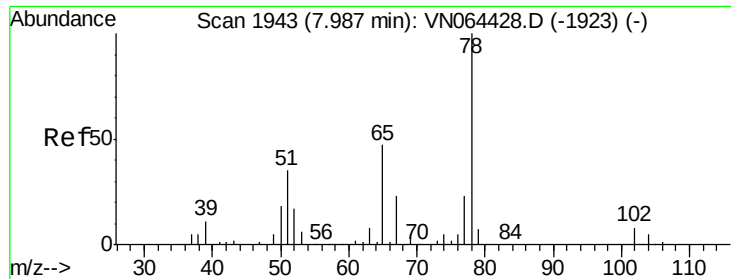
99 64.5 51.3 76.9

61 47.1 39.1 58.7



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

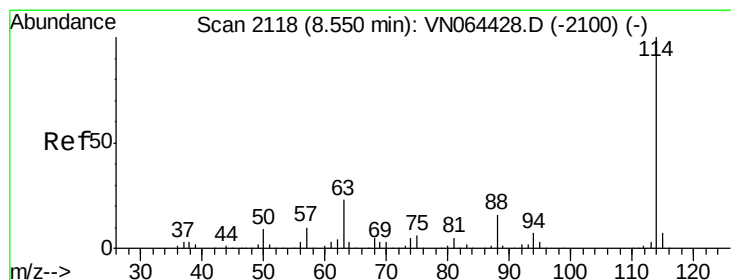
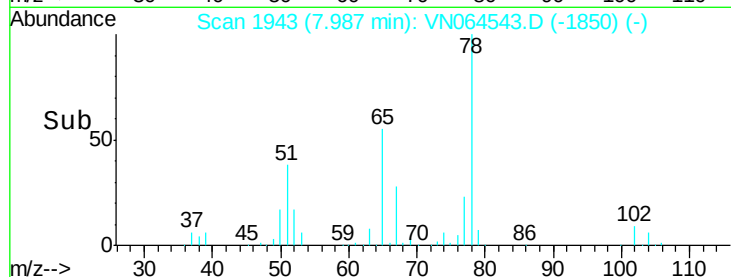
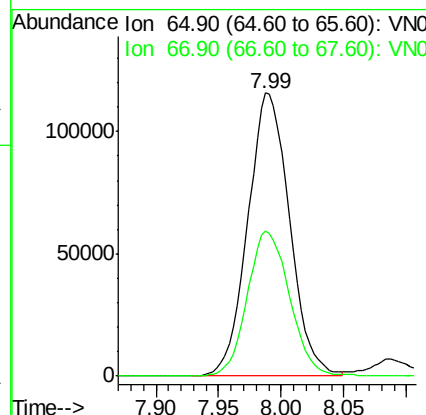
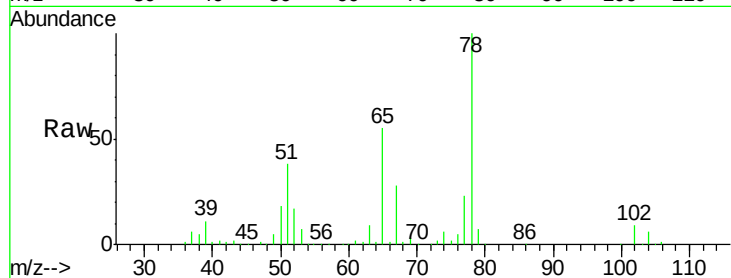




#33
 1,2-Dichloroethane-d4
 Concen: 47.021 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

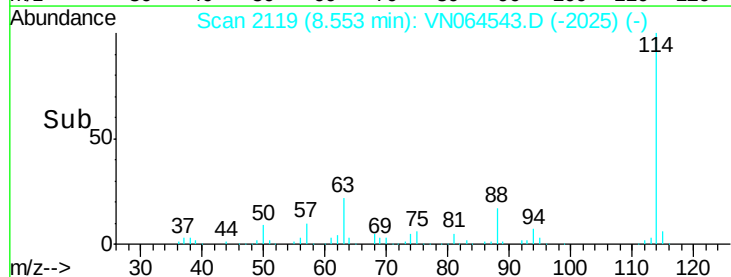
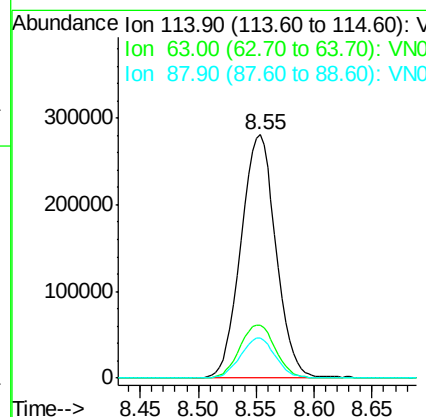
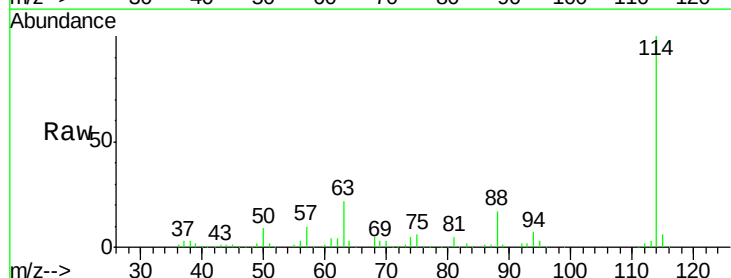
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

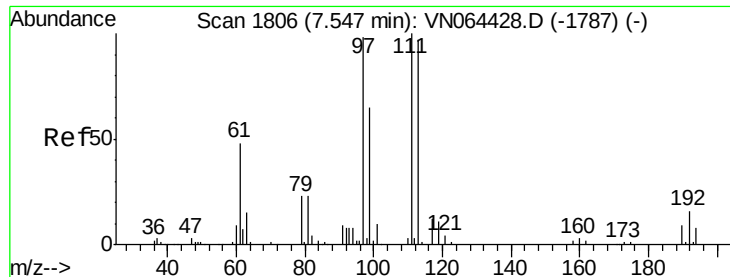
Tot Ion: 65 Resp: 268718
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion: 114 Resp: 588560
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 45.6
 88 16.5 0.0 32.8

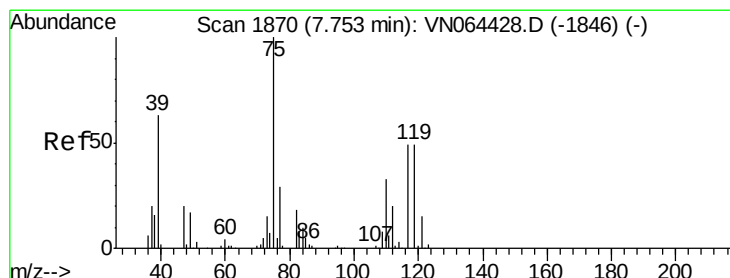
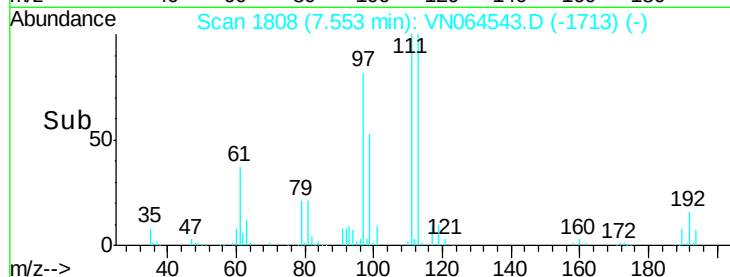
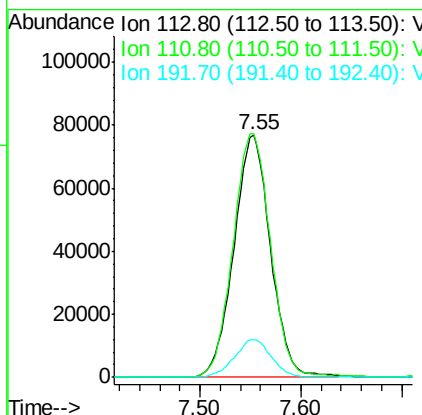
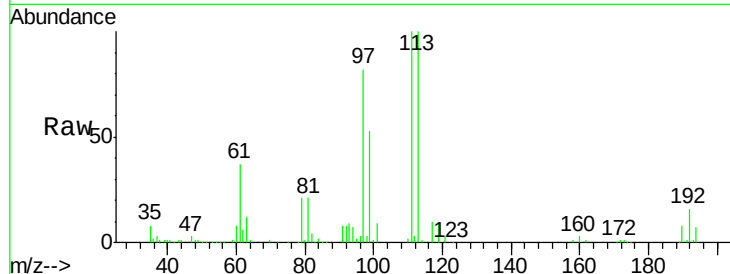




#35
 Dibromofluoromethane
 Concen: 48.159 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

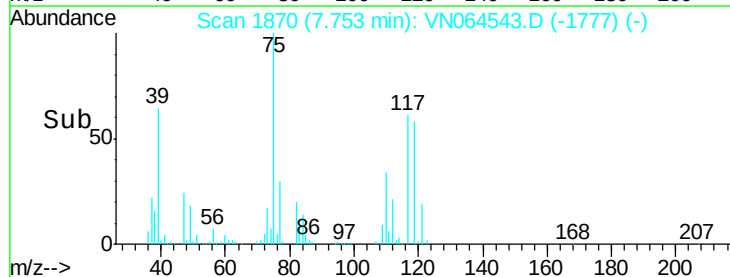
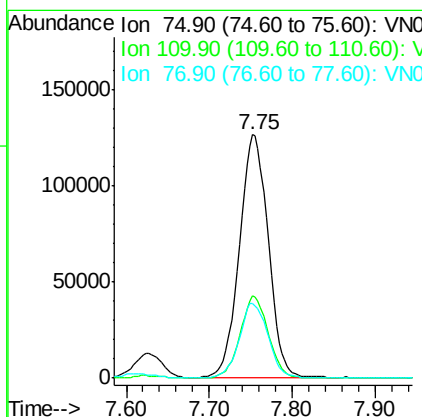
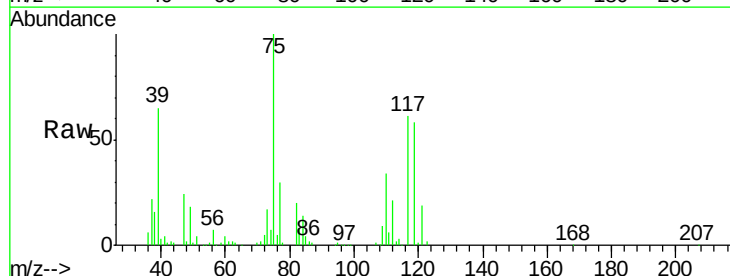
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

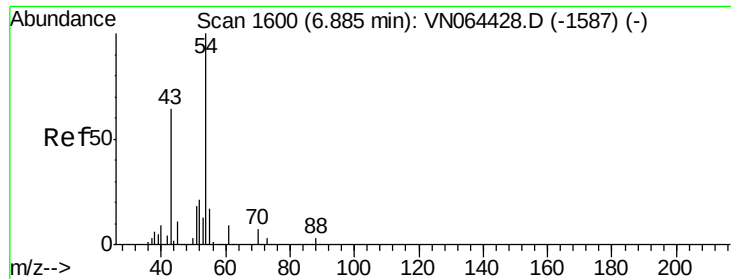
Tot Ion:113 Resp: 192987
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 15.8 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 48.986 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion: 75 Resp: 304582
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.0 48.0
 77 30.9 24.0 36.0

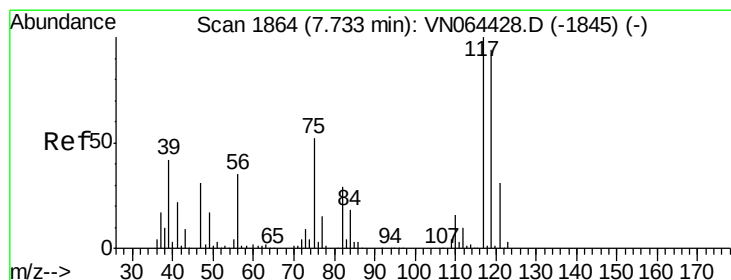
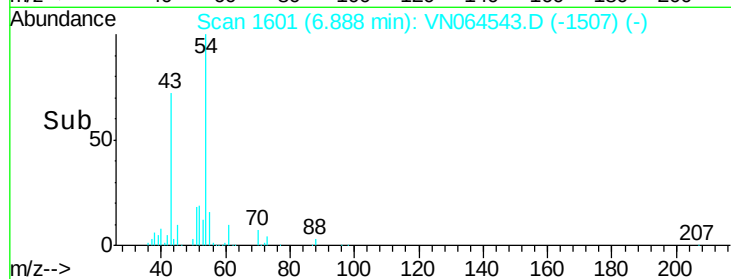
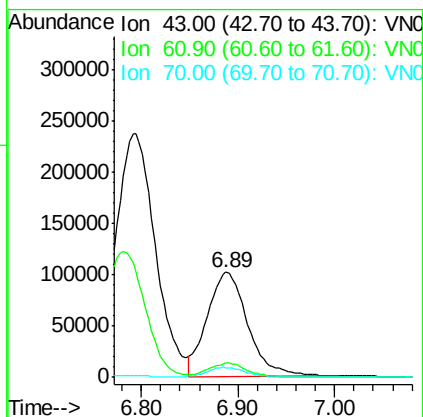
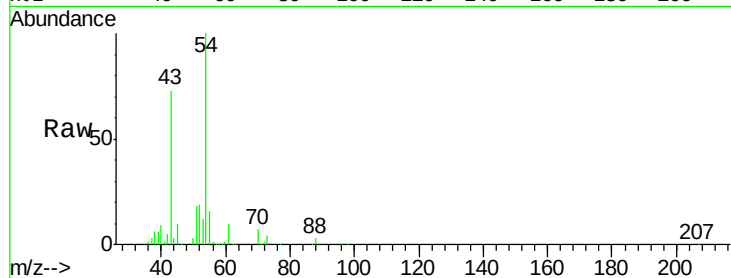




#37
Ethyl Acetate
Concen: 46.943 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

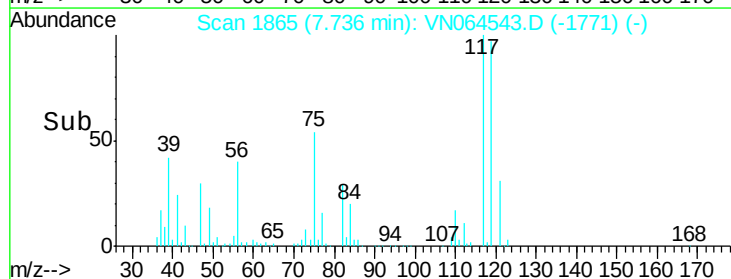
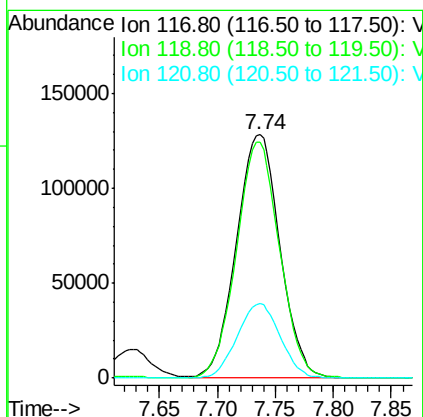
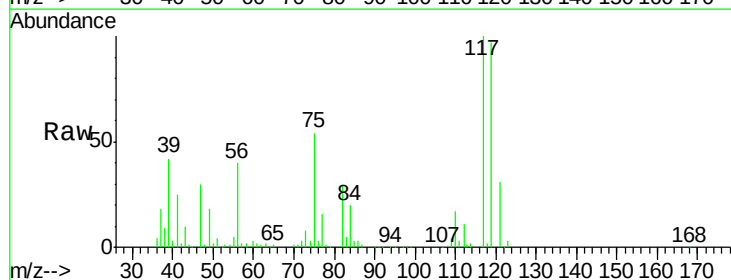
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

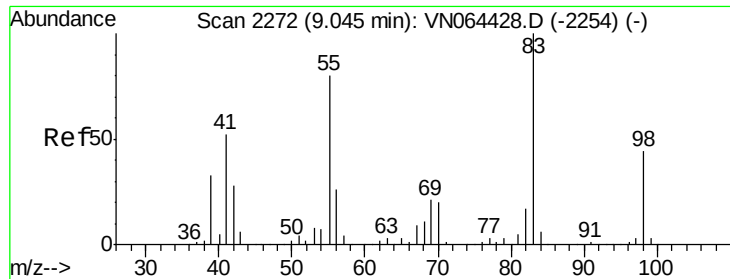
Tot Ion: 43 Resp: 295939
Ion Ratio Lower Upper
43 100
61 12.7 10.0 15.0
70 9.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 50.092 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 117 Resp: 332873
Ion Ratio Lower Upper
117 100
119 96.9 75.5 113.3
121 30.8 24.4 36.6

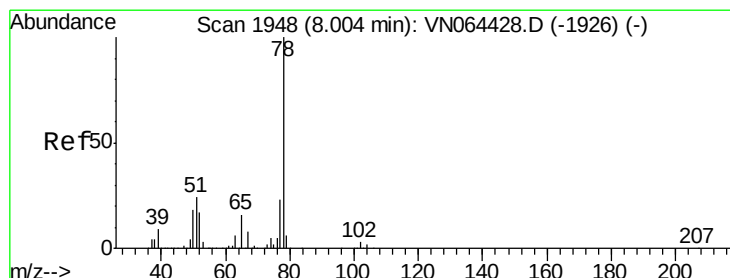
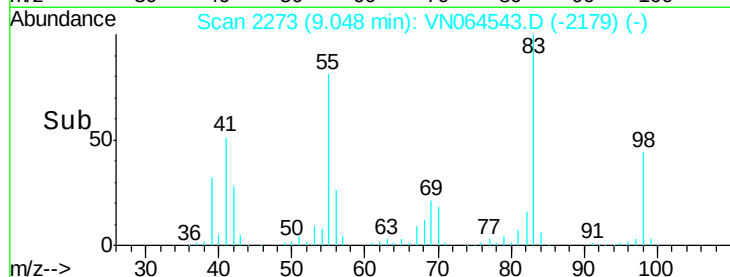
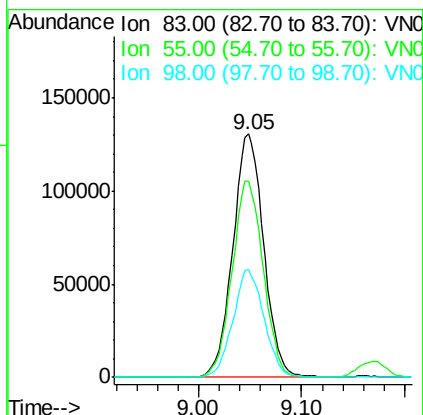
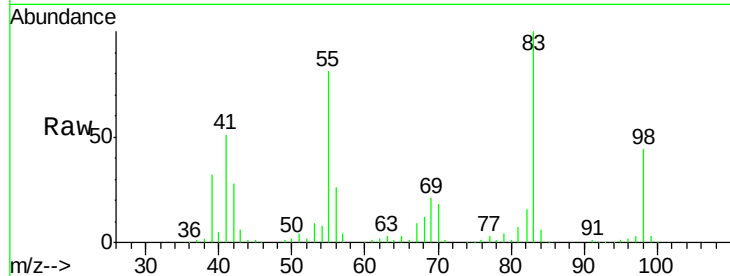




#39
Methylvlcyclohexane
Concen: 48.877 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

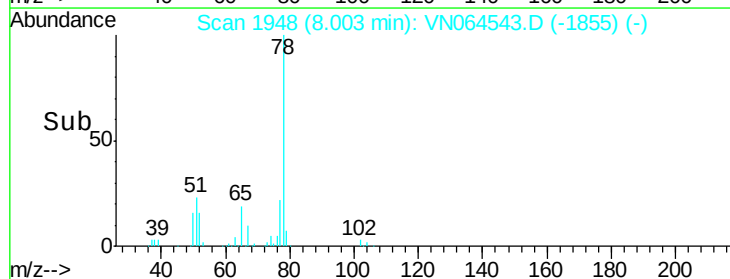
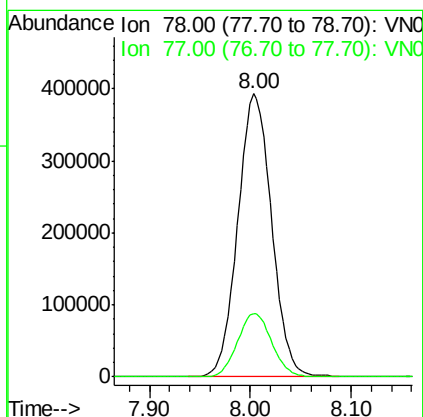
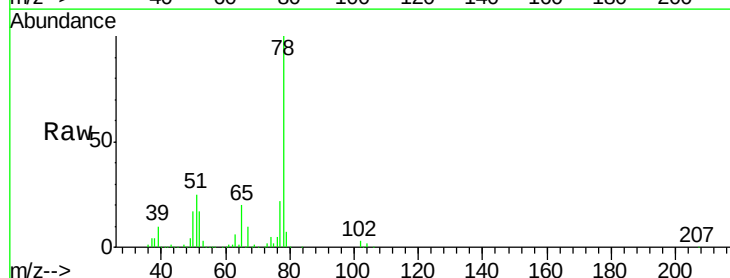
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

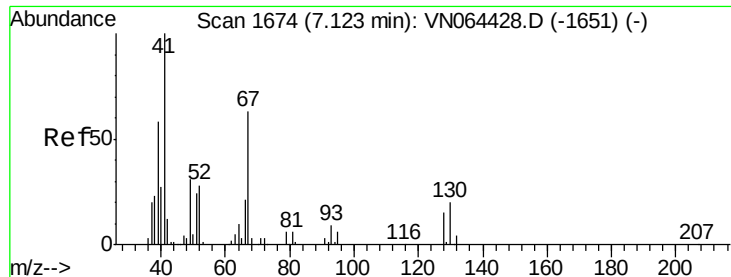
Tot Ion: 83 Resp: 272430
Ion Ratio Lower Upper
83 100
55 80.6 63.8 95.6
98 44.1 35.4 53.2



#40
Benzene
Concen: 49.947 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 78 Resp: 912567
Ion Ratio Lower Upper
78 100
77 22.3 18.7 28.1

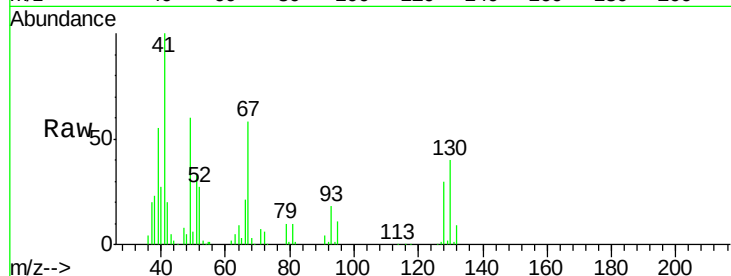




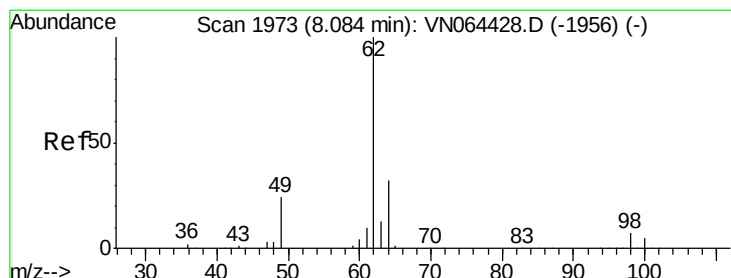
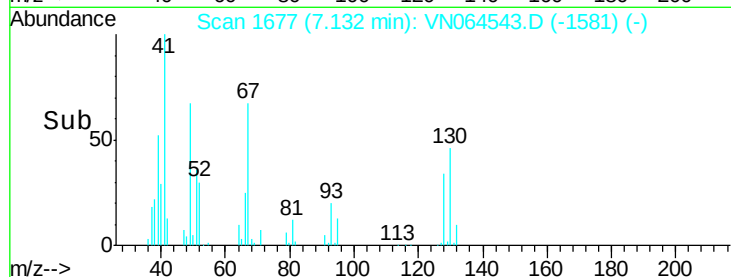
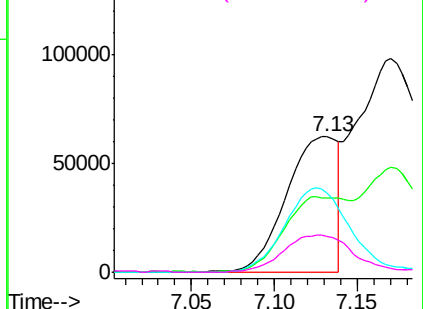
#41
Methacrylonitrile
Concen: 48.473 ug/l
RT: 7.13 min Scan# 1677
Delta R.T. 0.01 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	133622
Ion	Ratio	Lower	Upper
41	100		
39	71.0	50.0	75.0
67	79.8	68.3	102.5
52	37.9	32.7	49.1

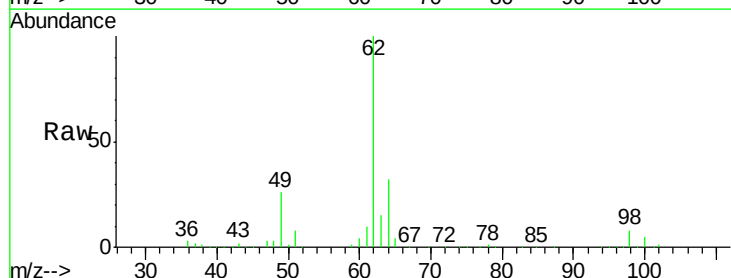


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

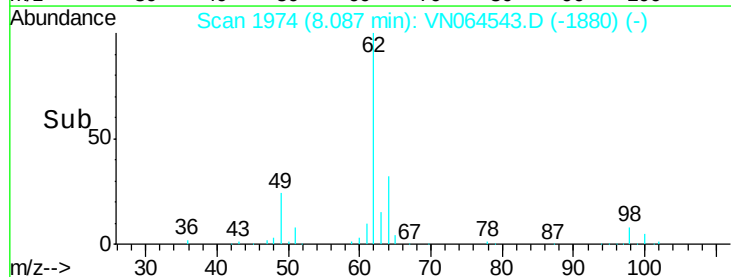
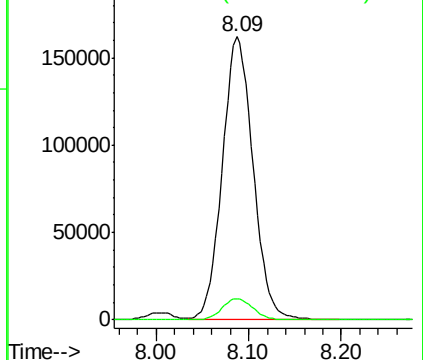


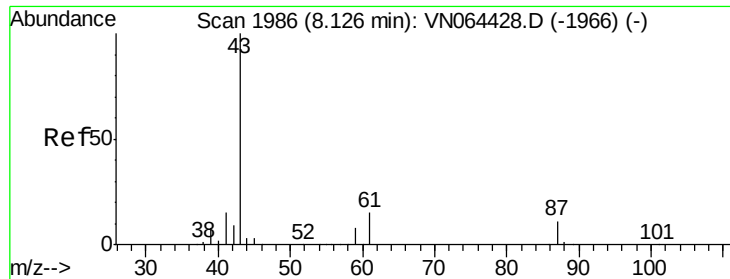
#42
1,2-Dichloroethane
Concen: 50.300 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion:	62	Resp:	370882
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	14.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 50.475 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

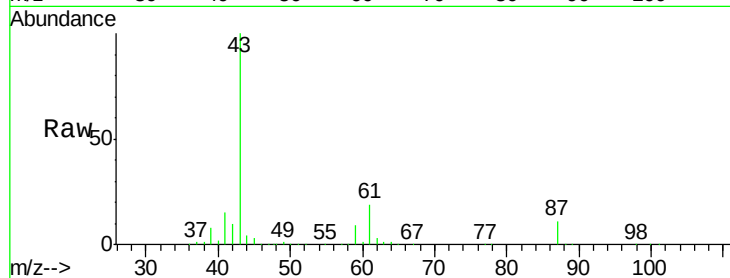
Tot Ion: 43 Resp: 508608

Ion Ratio Lower Upper

43 100

61 17.7 14.0 21.0

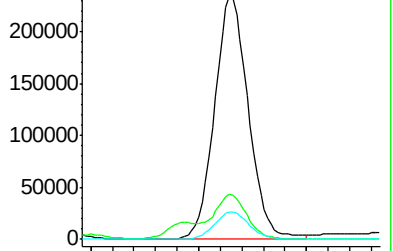
87 11.5 9.1 13.7



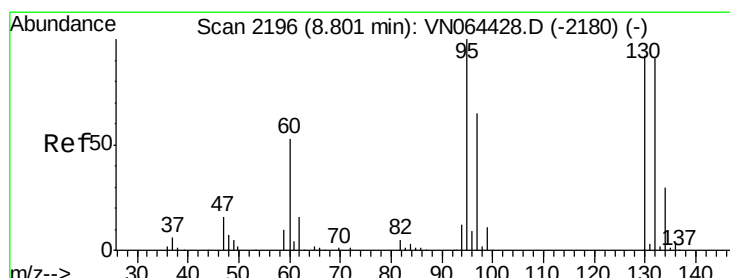
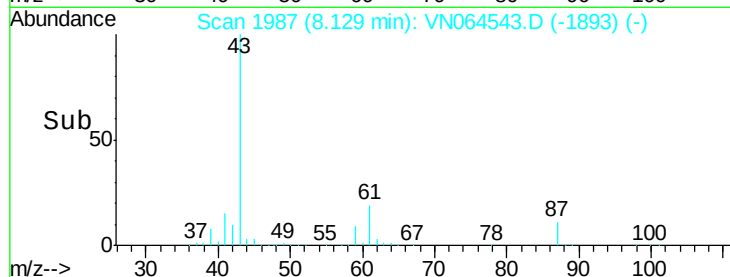
Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)



Time-->



#44

Trichloroethene

Concen: 49.566 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064543.D

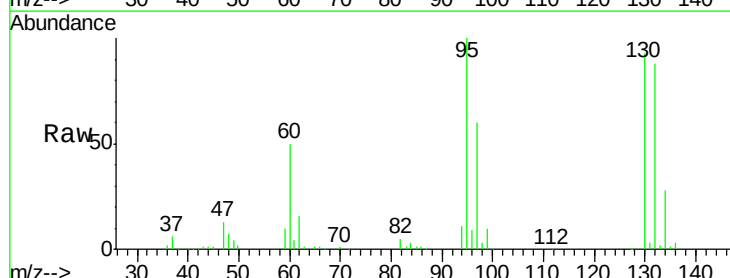
Acq: 10 Nov 2020 22:14

Tgt Ion:130 Resp: 228487

Ion Ratio Lower Upper

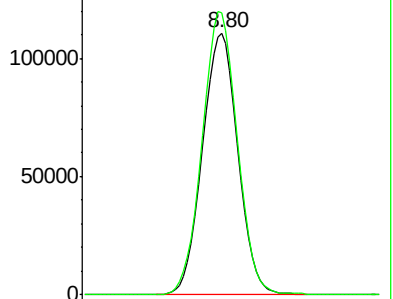
130 100

95 107.4 0.0 216.8

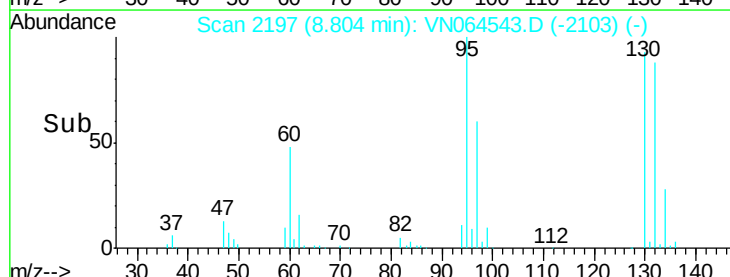


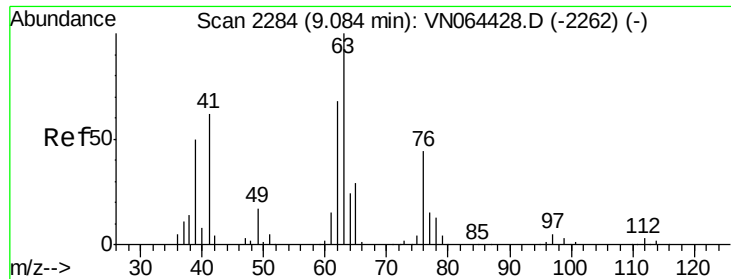
Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064428.D (-2180) (-)



Time-->

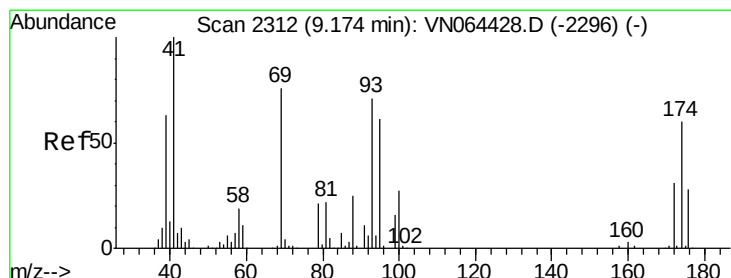
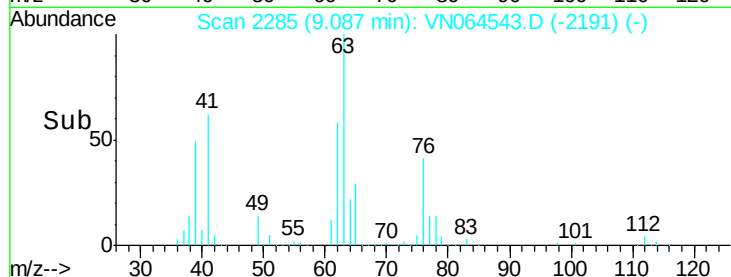
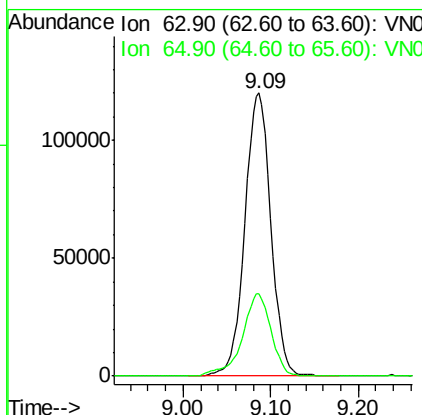
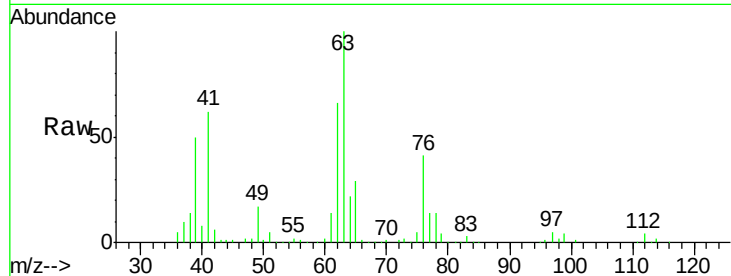




#45
 1,2-Dichloropropane
 Concen: 50.817 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

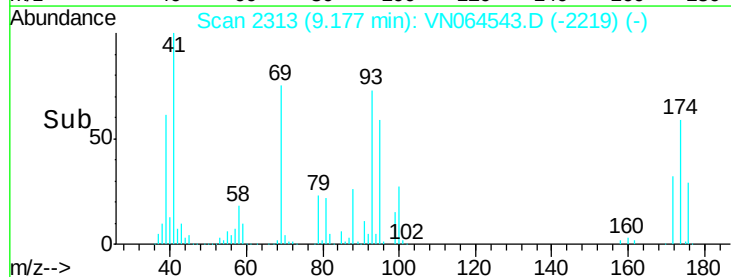
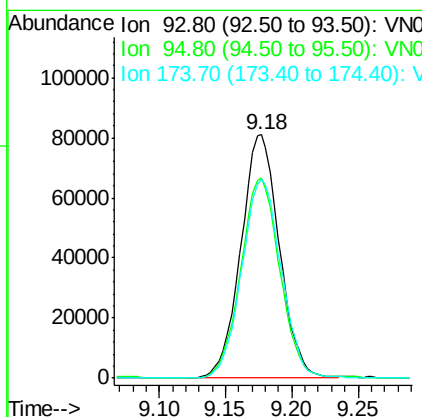
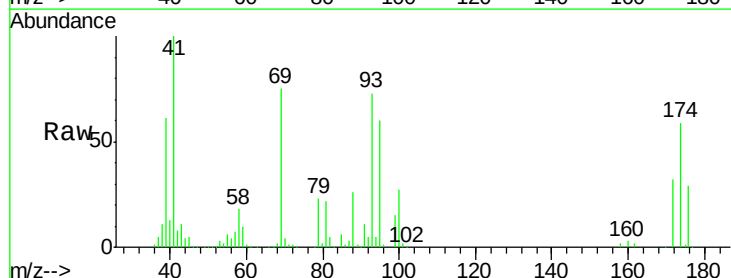
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

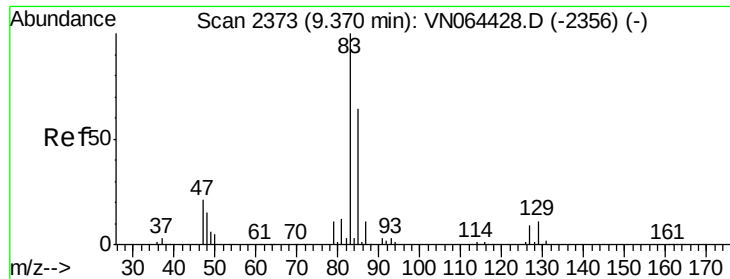
Tot Ion: 63 Resp: 247738
 Ion Ratio Lower Upper
 63 100
 65 29.2 23.6 35.4



#46
 Dibromomethane
 Concen: 50.887 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion: 93 Resp: 163309
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.4 99.6
 174 83.8 67.2 100.8





#47

Bromodichloromethane

Concen: 50.944 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

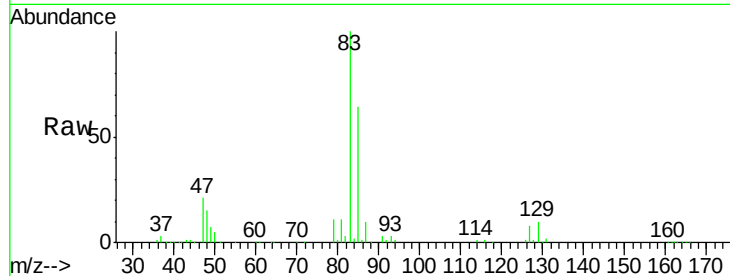
Tot Ion: 83 Resp: 351535

Ion Ratio Lower Upper

83 100

85 64.4 51.2 76.8

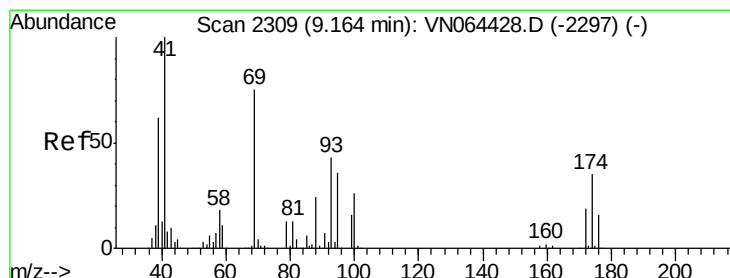
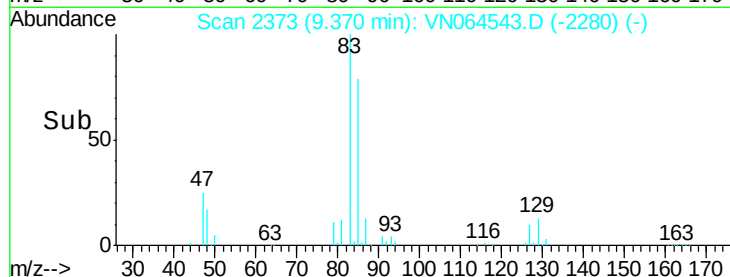
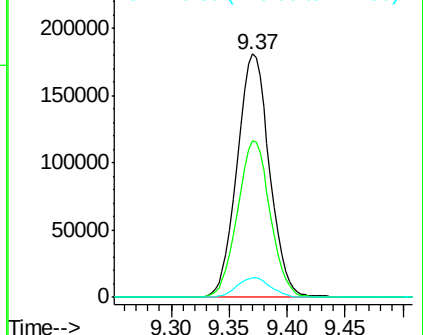
127 8.1 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064543.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064543.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064543.D (-2280) (-)



#48

Methyl methacrylate

Concen: 51.929 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

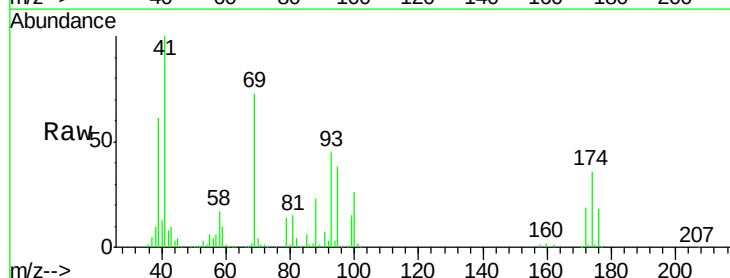
Tgt Ion: 41 Resp: 264037

Ion Ratio Lower Upper

41 100

69 75.7 60.4 90.6

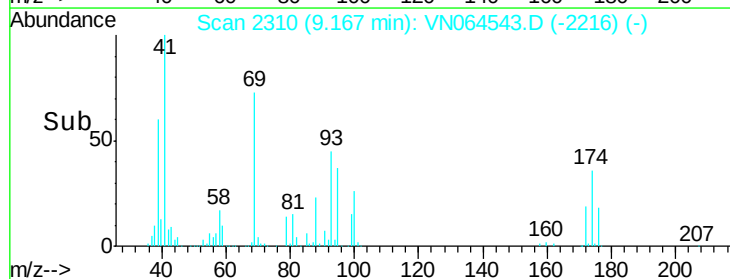
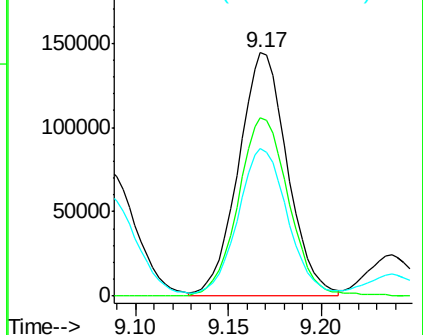
39 61.8 51.2 76.8

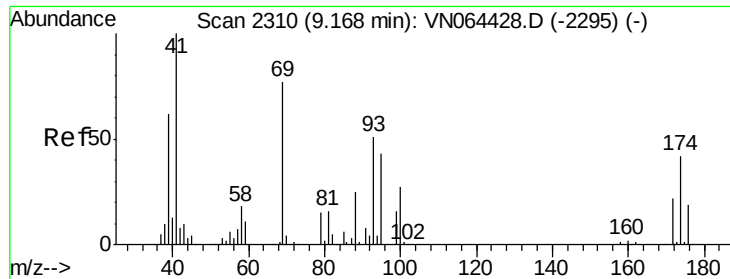


Abundance Ion 41.00 (40.70 to 41.70): VN064543.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064543.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064543.D (-2216) (-)

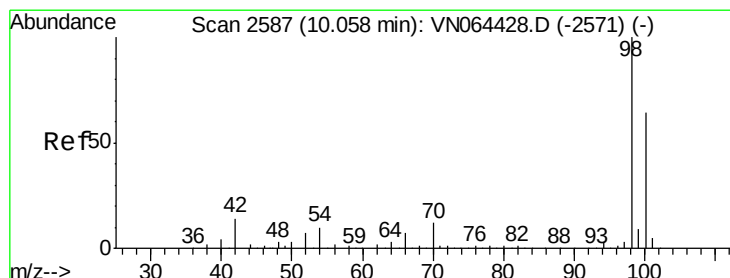
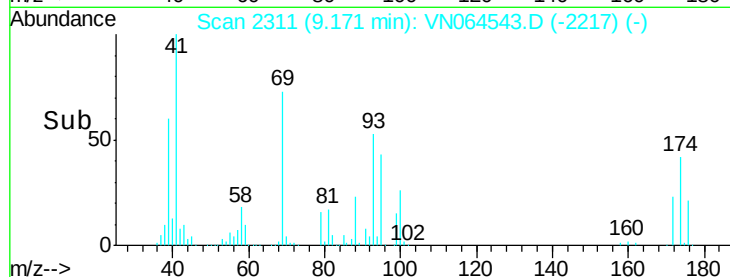
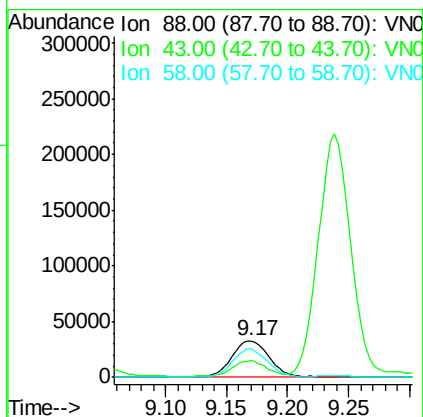
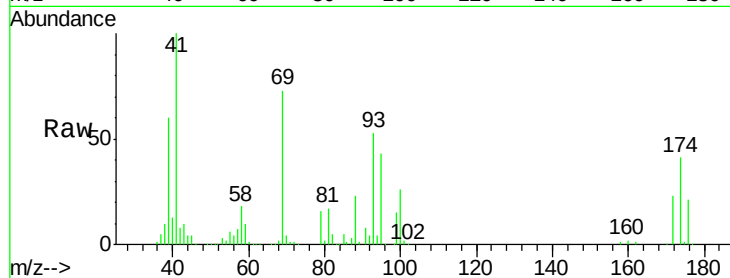




#49
1,4-Dioxane
Concen: 1042.530 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

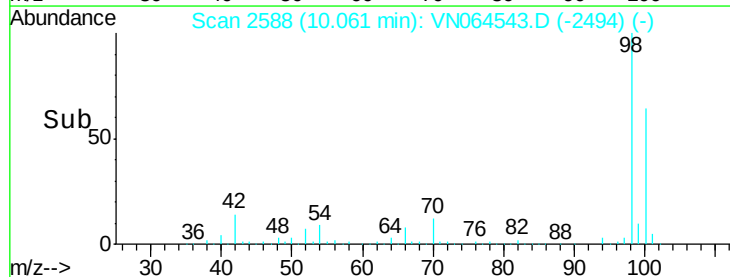
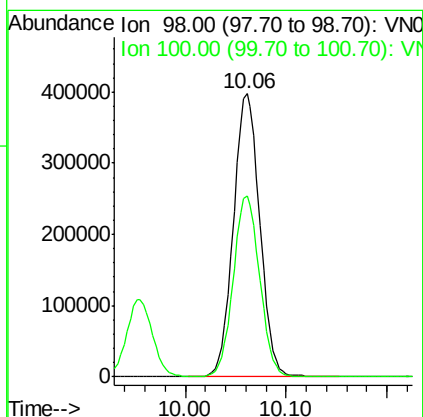
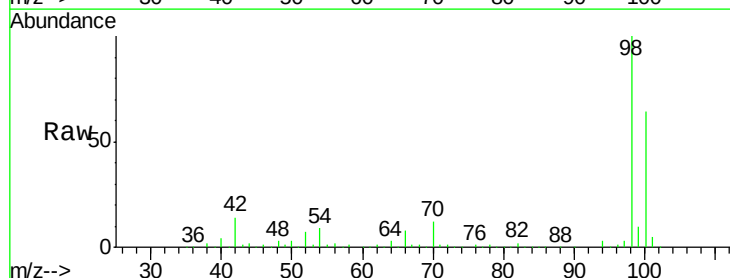
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

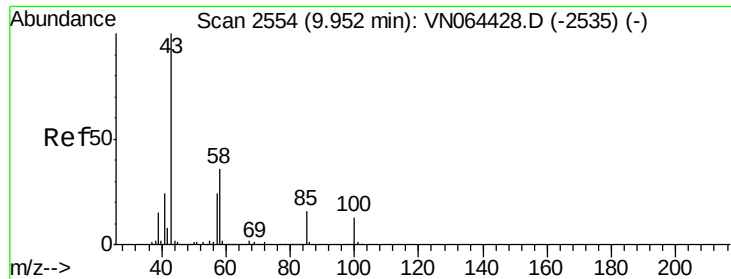
Tot Ion: 88 Resp: 69819
Ion Ratio Lower Upper
88 100
43 39.1 31.0 46.6
58 72.7 58.4 87.6



#50
Toluene-d8
Concen: 46.693 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 98 Resp: 723197
Ion Ratio Lower Upper
98 100
100 63.7 50.7 76.1

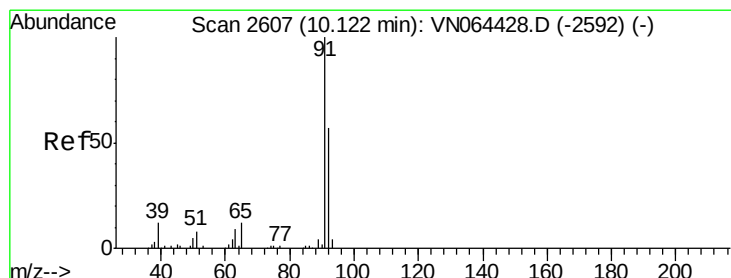
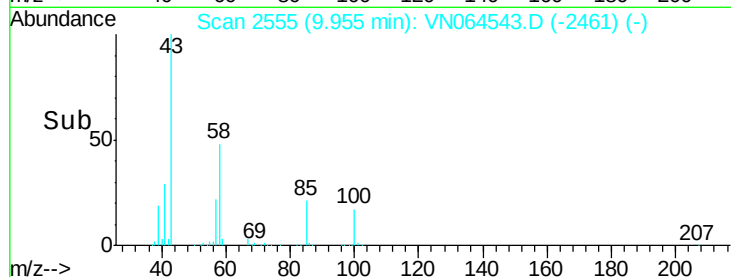
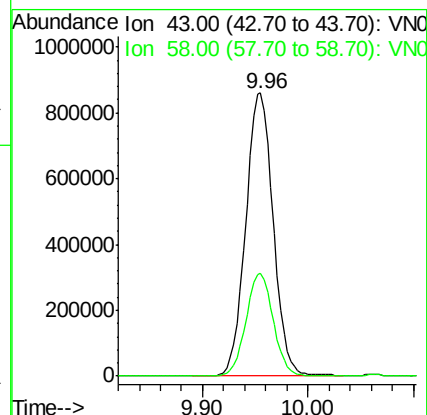
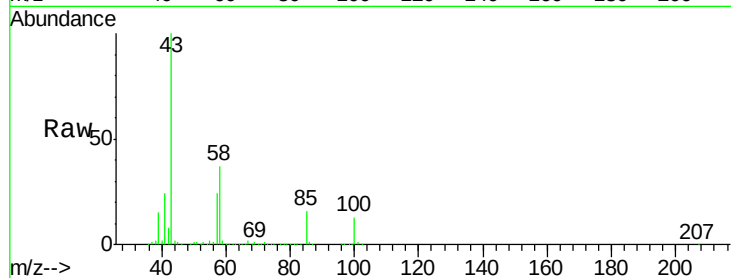




#51
 4-Methyl-2-Pentanone
 Concen: 264.183 ug/l
 RT: 9.96 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

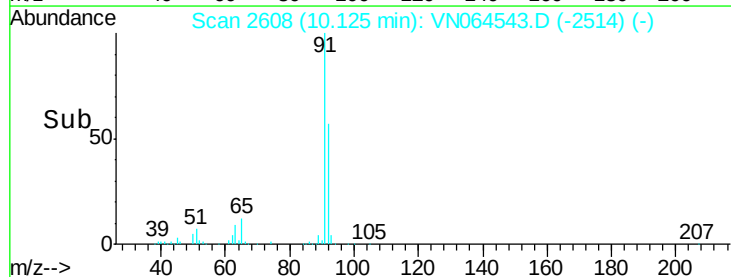
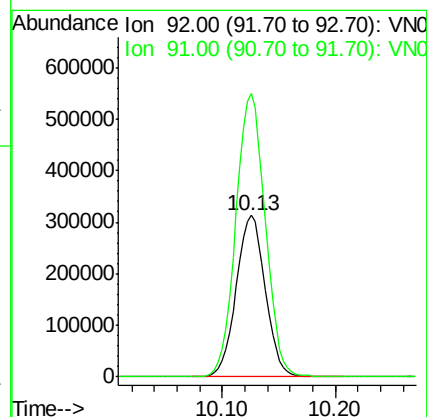
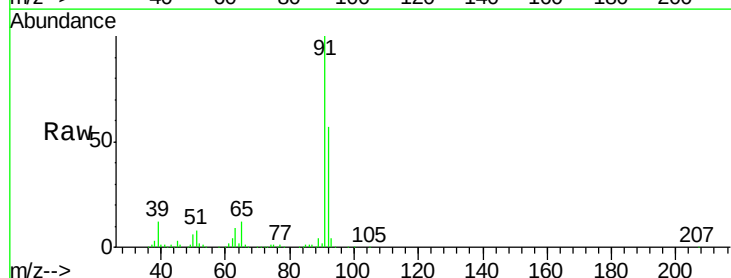
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

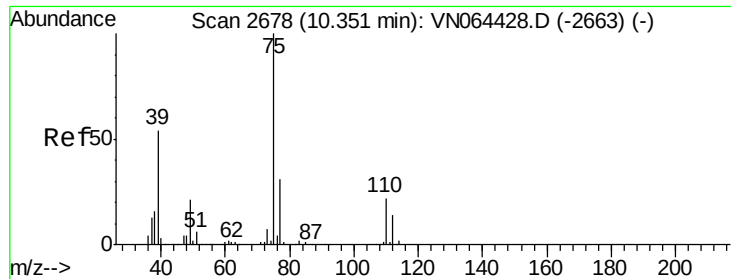
Tot Ion: 43 Resp: 1552399
 Ion Ratio Lower Upper
 43 100
 58 36.2 28.4 42.6



#52
 Toluene
 Concen: 50.360 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion: 92 Resp: 561196
 Ion Ratio Lower Upper
 92 100
 91 177.2 139.6 209.4

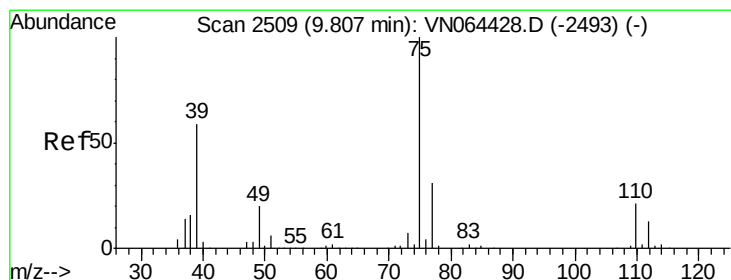
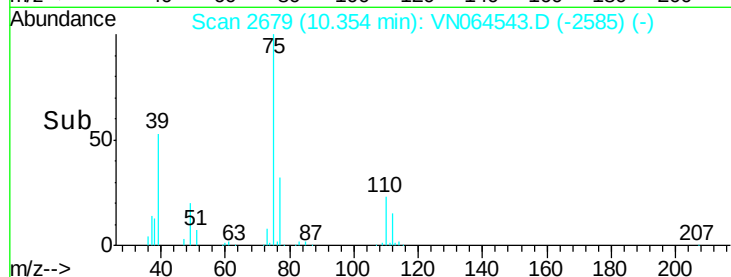
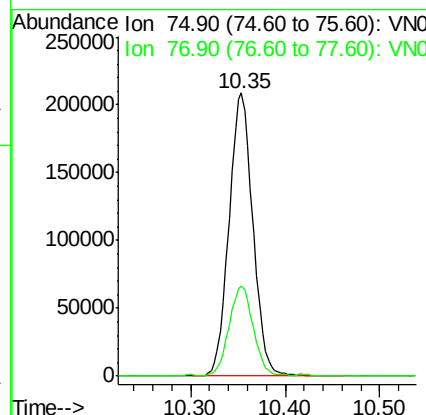
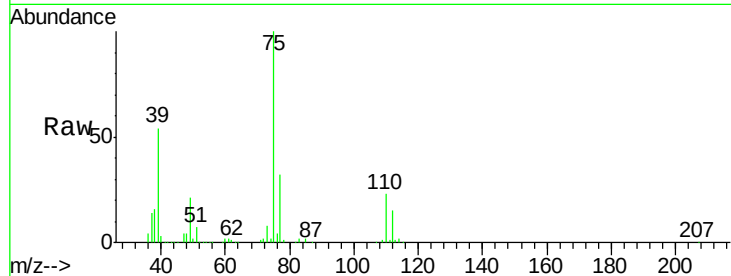




#53
t-1,3-Dichloropropene
Concen: 50.027 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

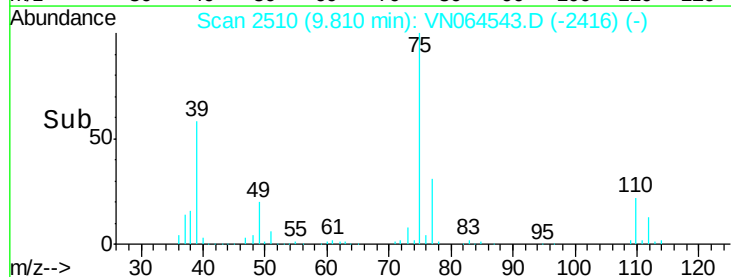
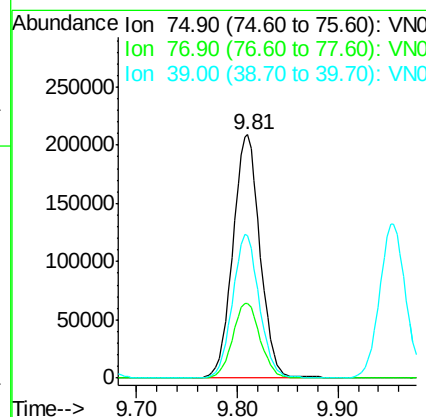
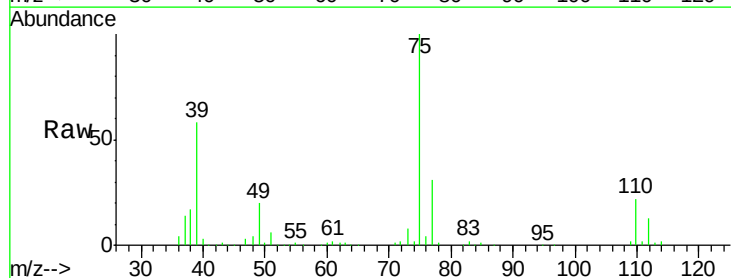
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

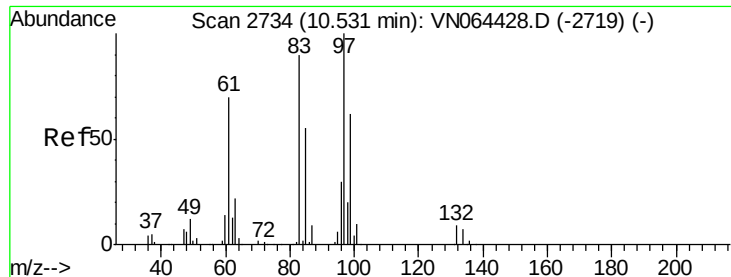
Tot Ion: 75 Resp: 365983
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 50.028 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 75 Resp: 391303
Ion Ratio Lower Upper
75 100
77 30.8 24.9 37.3
39 58.3 47.1 70.7

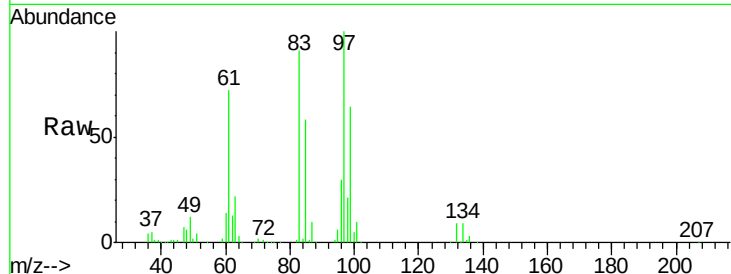




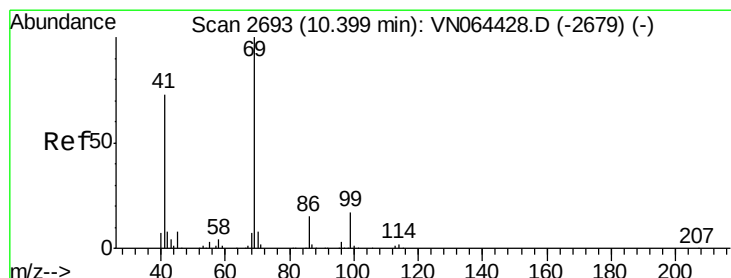
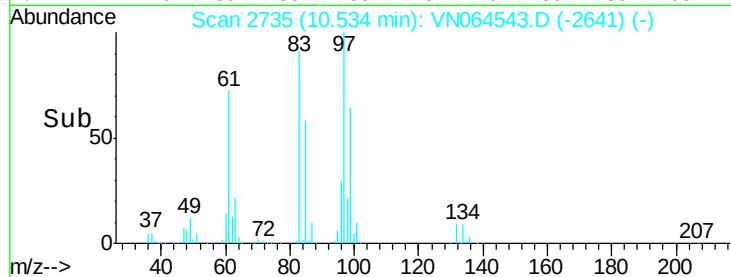
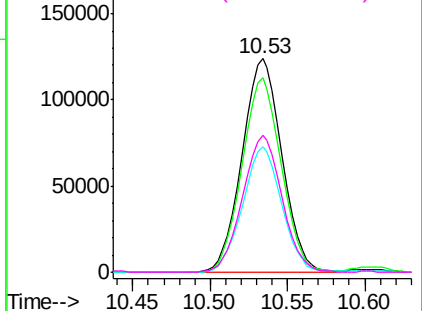
#55
 1,1,2-Trichloroethane
 Concen: 51.105 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 222101
 Ion Ratio Lower Upper
 97 100
 83 90.9 71.7 107.5
 85 58.5 44.3 66.5
 99 64.2 49.4 74.2

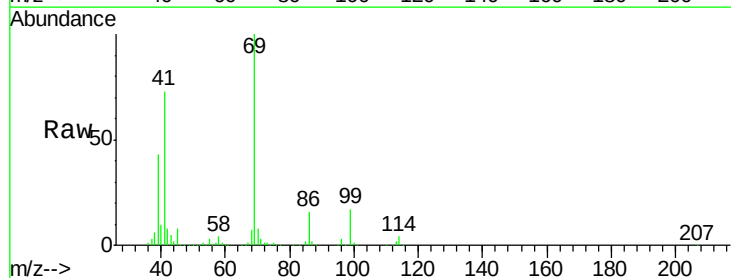


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

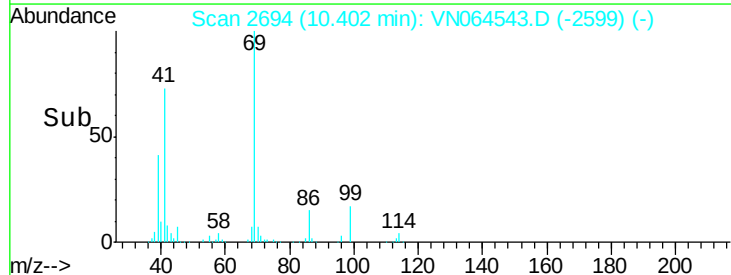
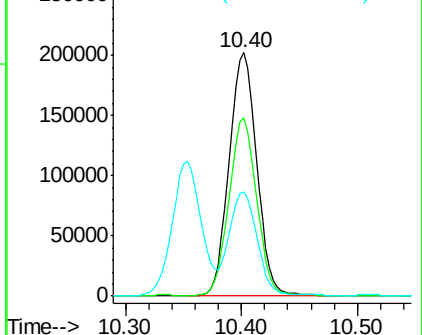


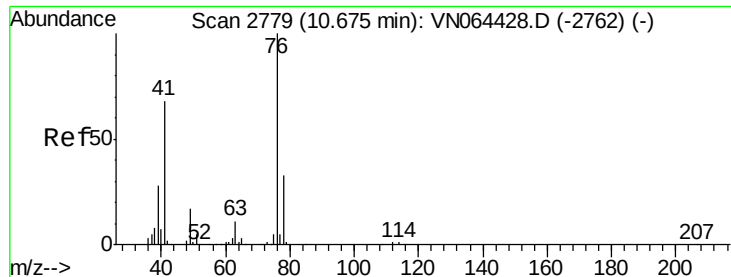
#56
 Ethyl methacrylate
 Concen: 46.736 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion: 69 Resp: 333289
 Ion Ratio Lower Upper
 69 100
 41 72.2 59.3 88.9
 39 42.3 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

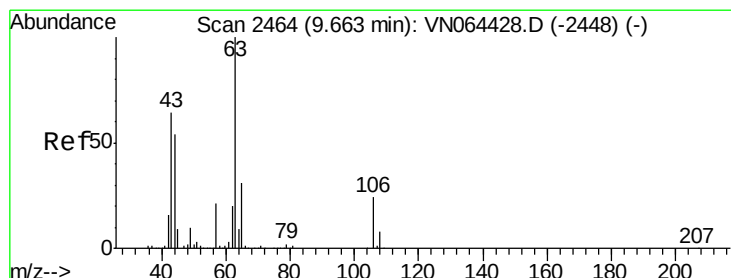
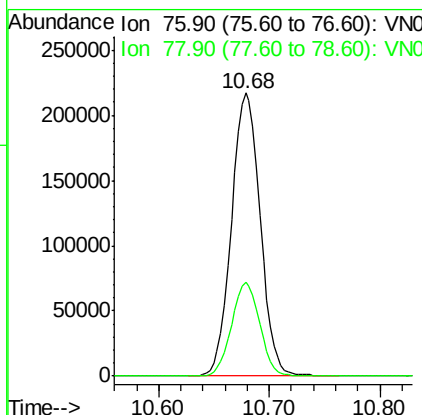
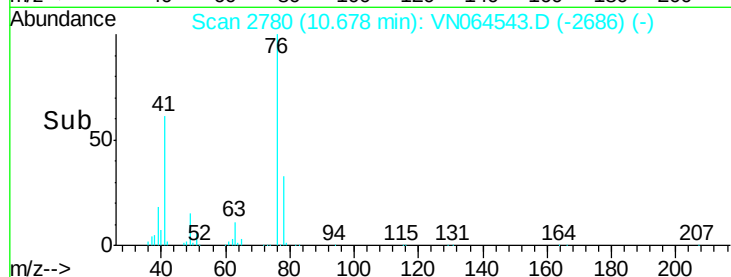
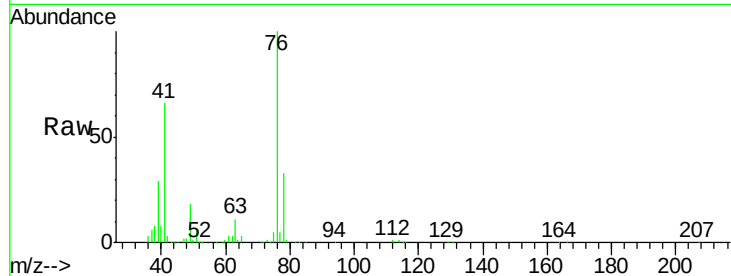




#57
 1,3-Dichloropropane
 Concen: 51.768 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

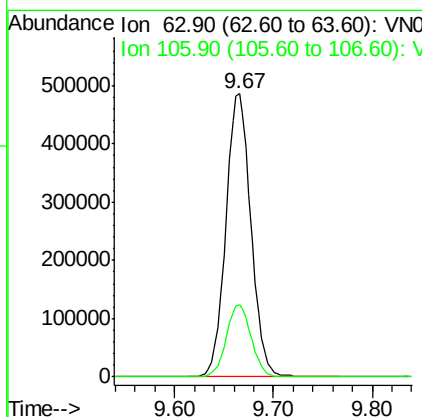
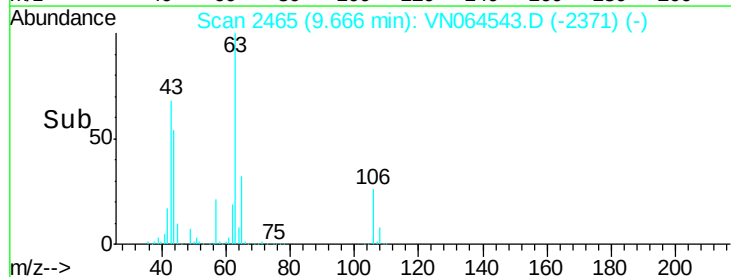
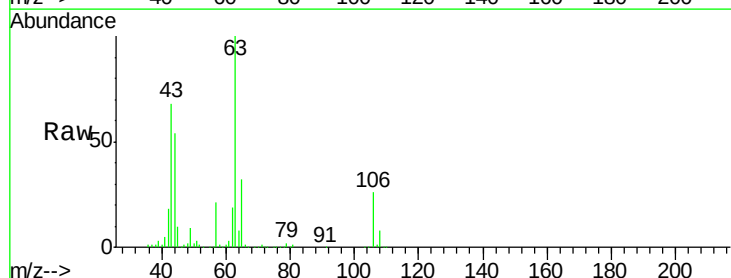
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

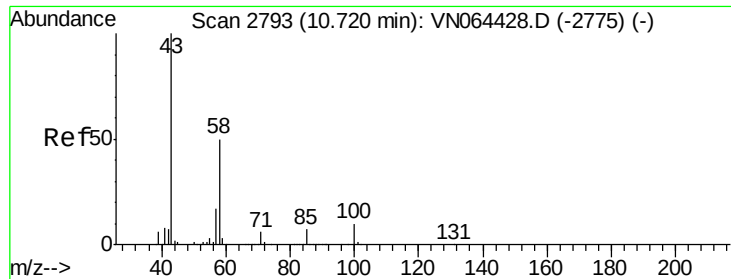
Tot Ion: 76 Resp: 392702
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.923 ug/l
 RT: 9.67 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion: 63 Resp: 859179
 Ion Ratio Lower Upper
 63 100
 106 25.5 19.5 29.3

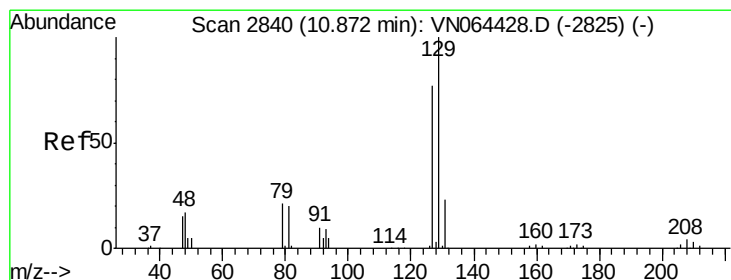
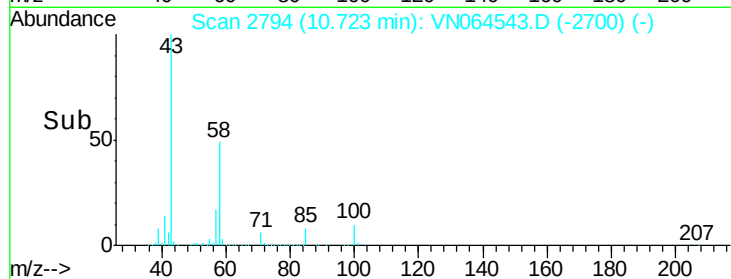
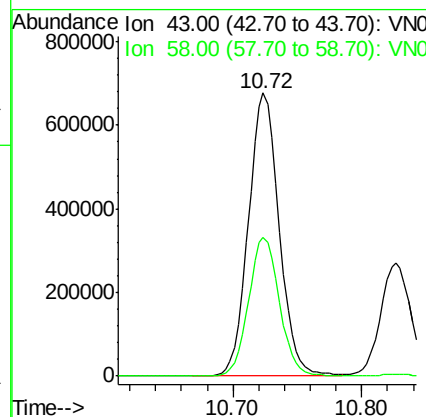
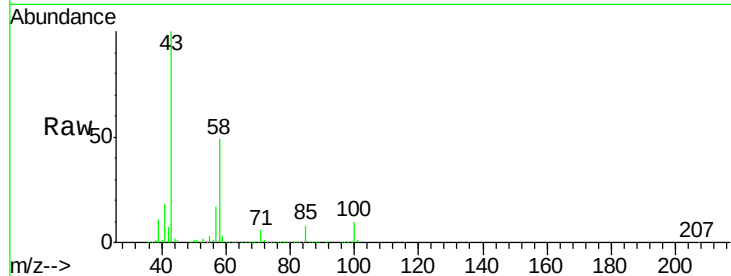




#59
2-Hexanone
Concen: 233.844 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

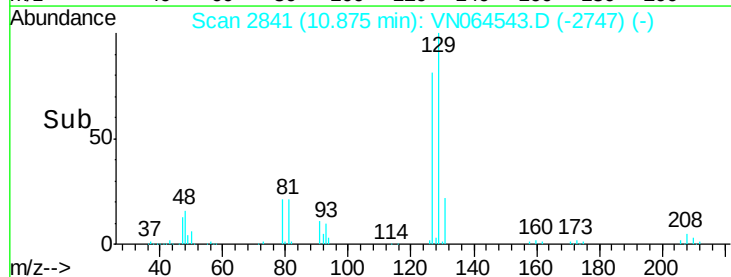
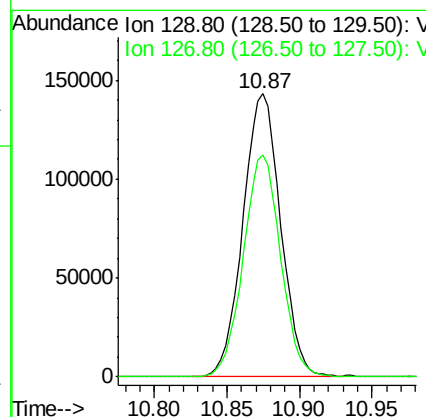
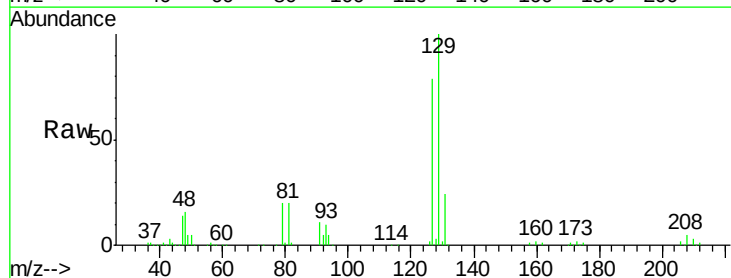
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

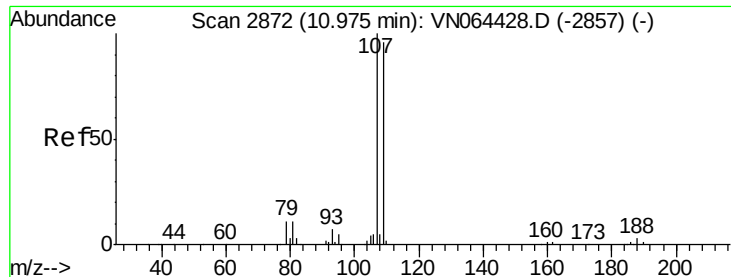
Tot Ion: 43 Resp: 1119247
Ion Ratio Lower Upper
43 100
58 49.3 24.7 74.1



#60
Dibromochloromethane
Concen: 53.196 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 129 Resp: 258840
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7

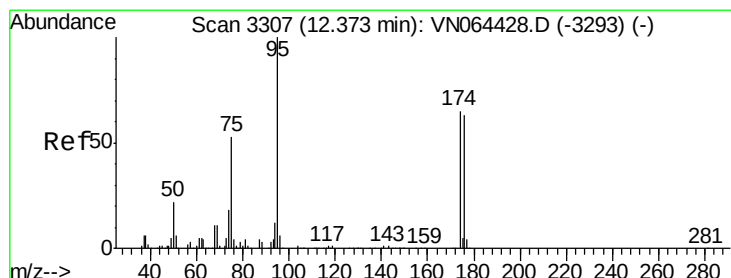
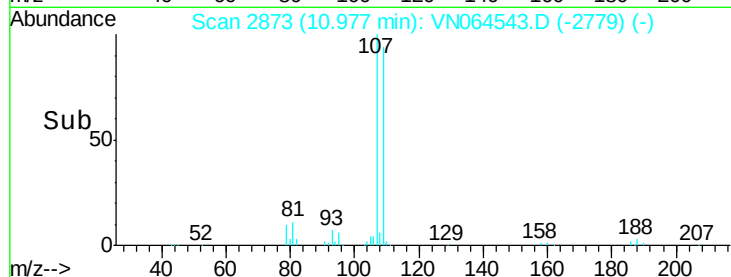
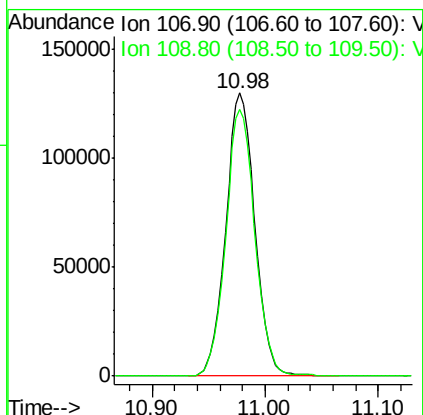
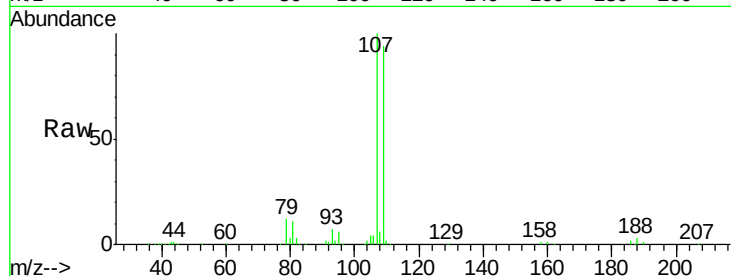




#61
 1,2-Dibromoethane
 Concen: 52.507 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

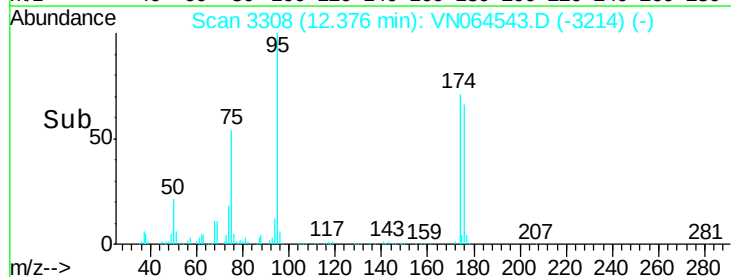
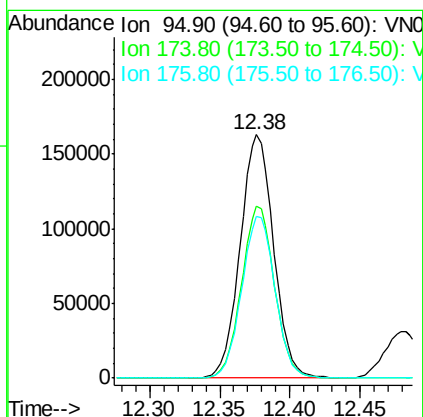
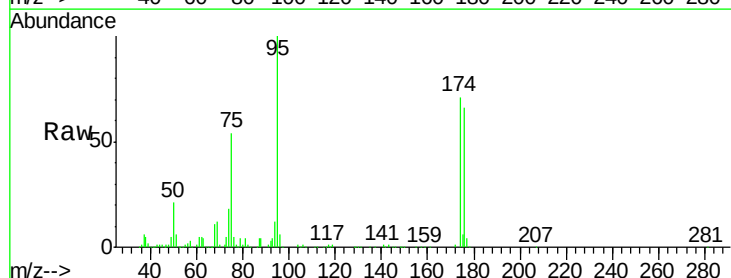
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

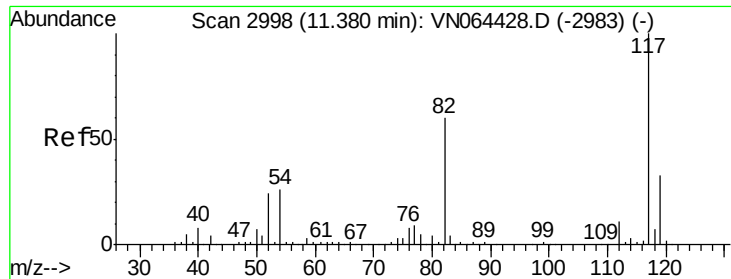
Tot Ion: 107 Resp: 231463
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 46.283 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion: 95 Resp: 271098
 Ion Ratio Lower Upper
 95 100
 174 69.7 0.0 132.6
 176 66.6 0.0 129.2

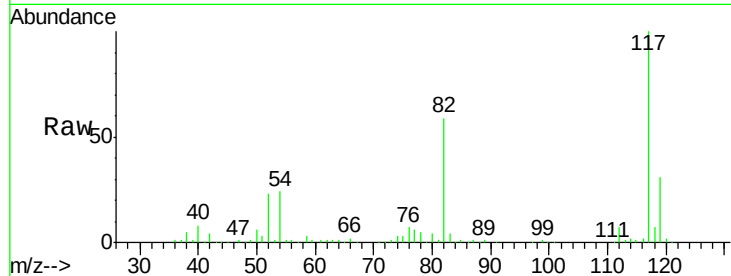




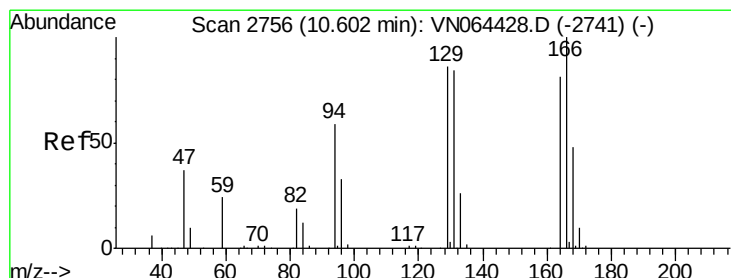
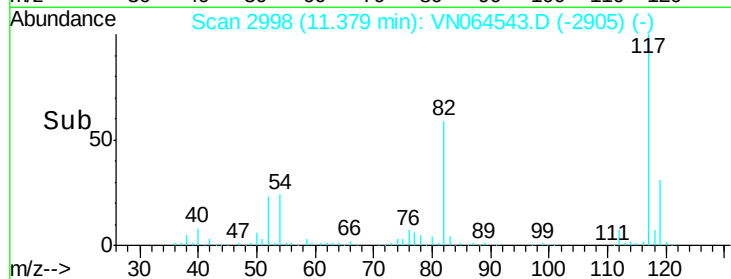
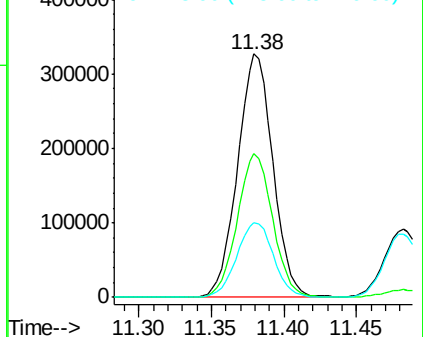
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 553313
Ion Ratio Lower Upper
117 100
82 59.1 48.1 72.1
119 30.6 26.2 39.4

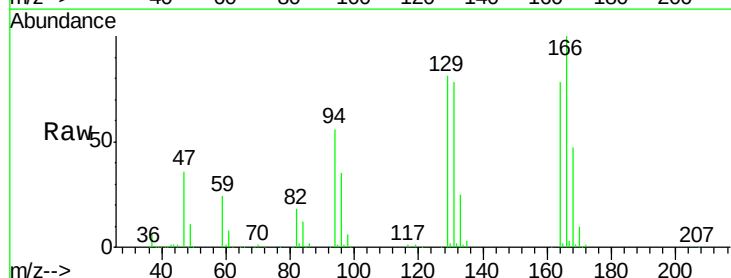


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

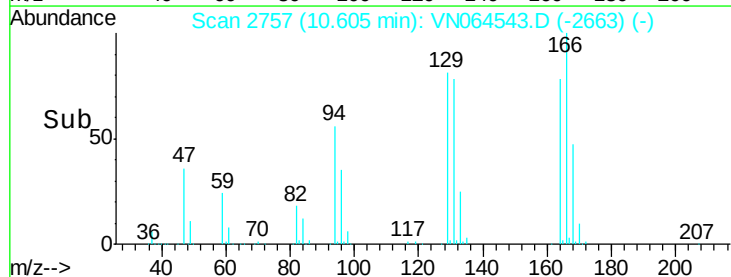
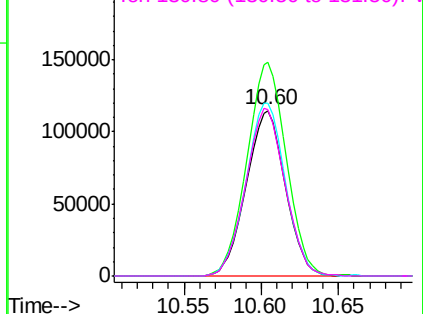


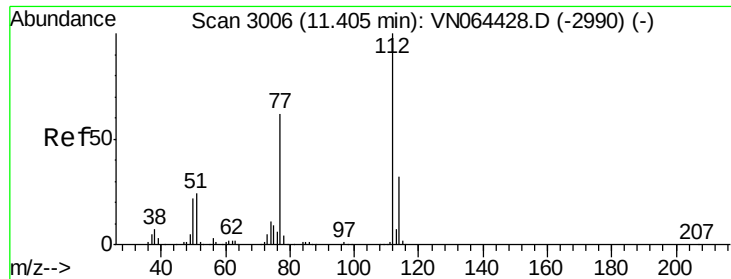
#64
Tetrachloroethene
Concen: 47.206 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion:164 Resp: 201198
Ion Ratio Lower Upper
164 100
166 128.9 98.2 147.2
129 104.2 84.6 127.0
131 100.8 82.2 123.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

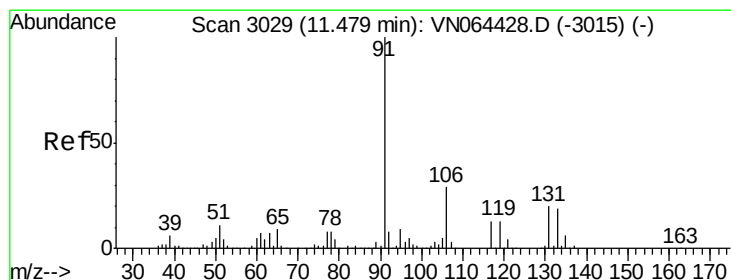
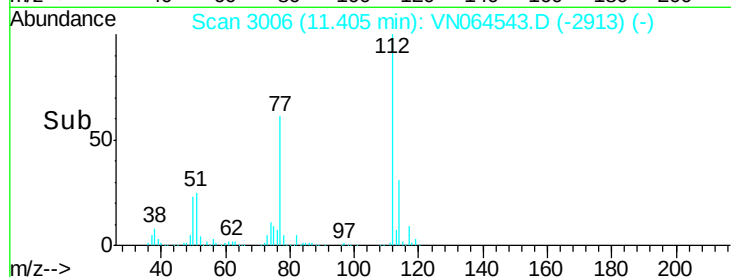
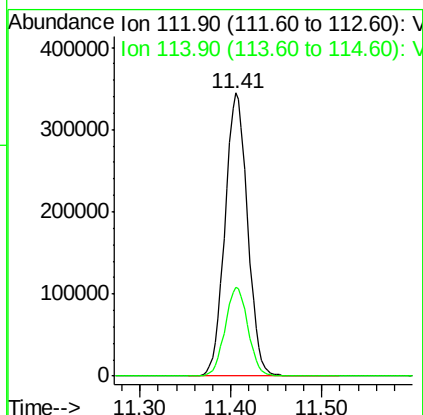
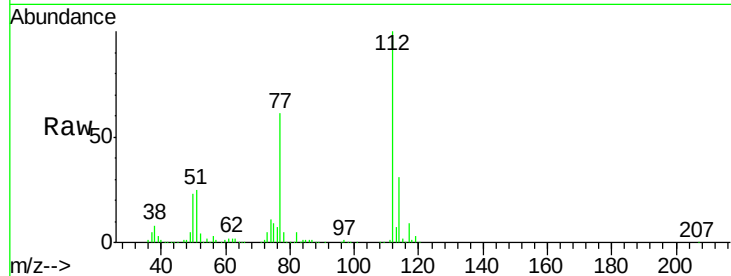




#65
Chlorobenzene
Concen: 48.956 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

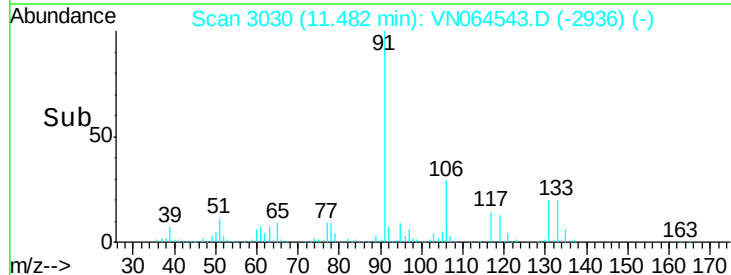
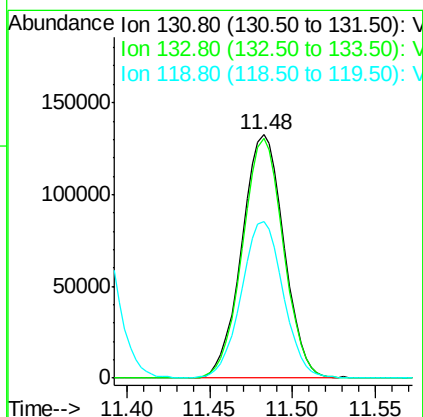
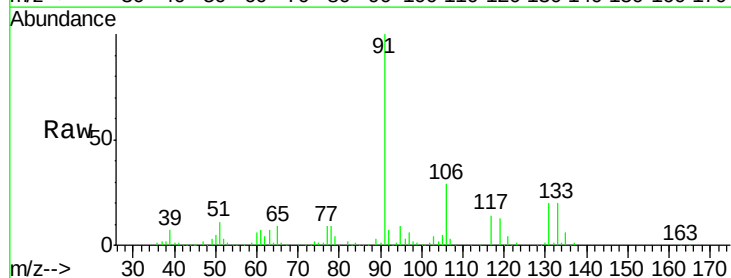
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

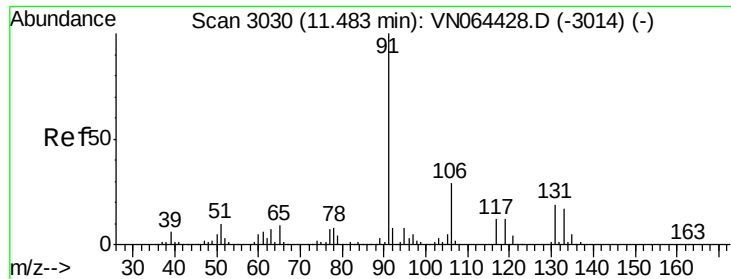
Tot Ion:112 Resp: 593822
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.748 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion:131 Resp: 234170
Ion Ratio Lower Upper
131 100
133 95.7 46.9 140.7
119 64.1 32.1 96.5

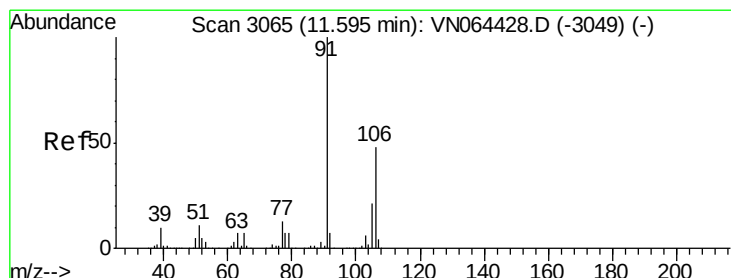
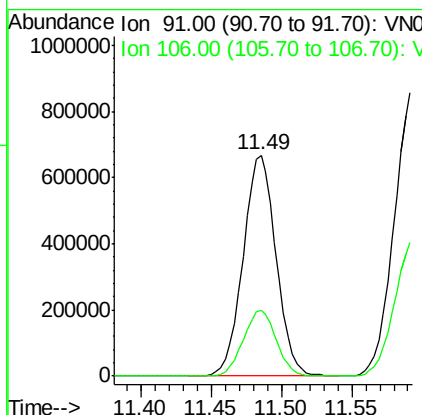
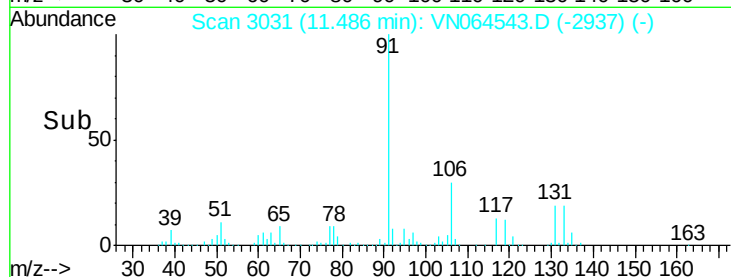
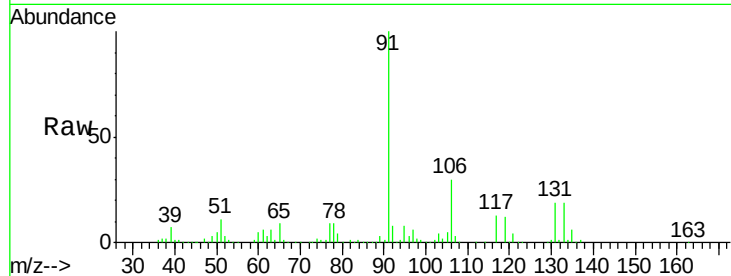




#67
Ethyl Benzene
Concen: 50.712 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

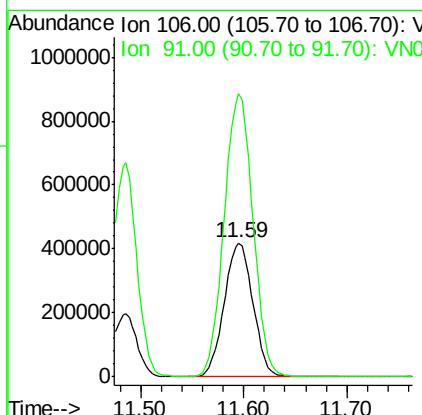
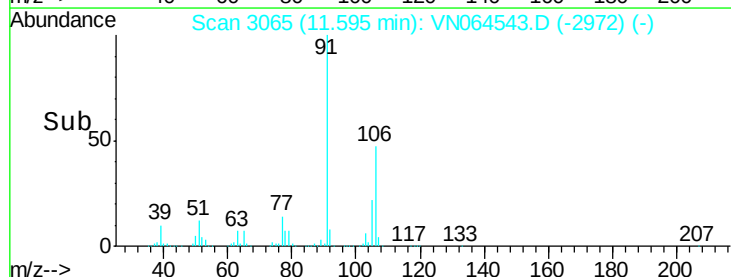
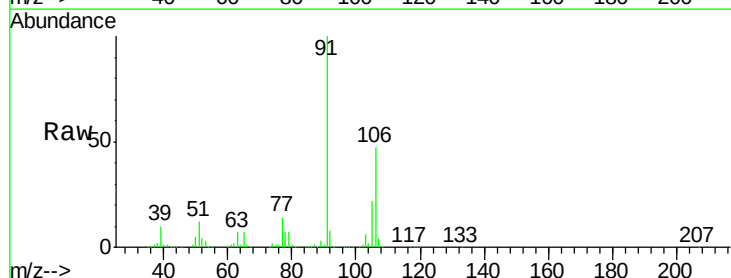
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

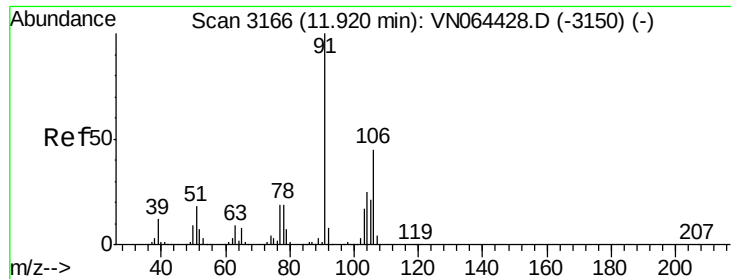
Tot Ion: 91 Resp: 1094158
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4



#68
m/p-Xylenes
Concen: 103.648 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 106 Resp: 811013
Ion Ratio Lower Upper
106 100
91 212.8 169.4 254.2

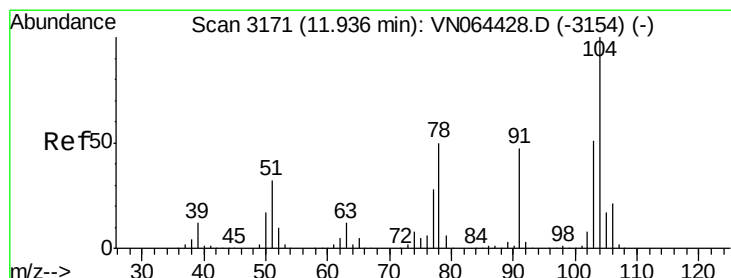
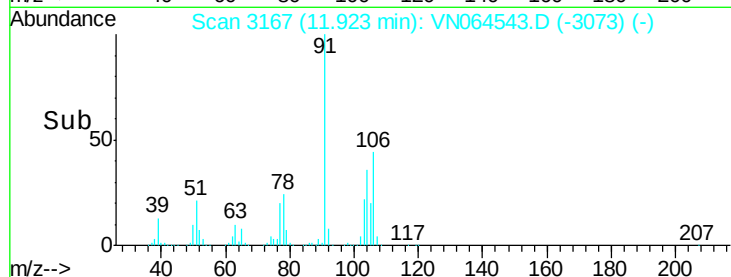
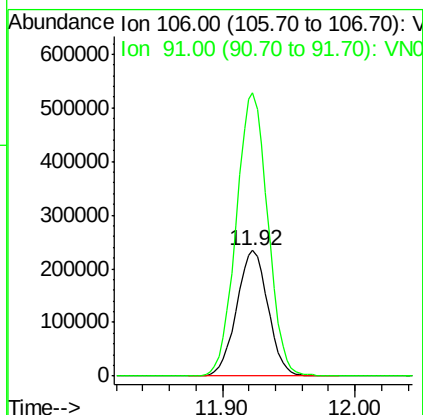
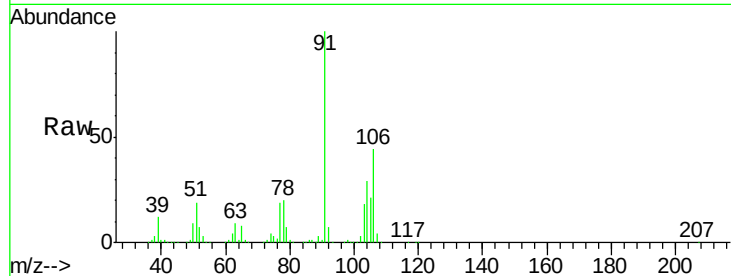




#69
o-Xylene
Concen: 50.963 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

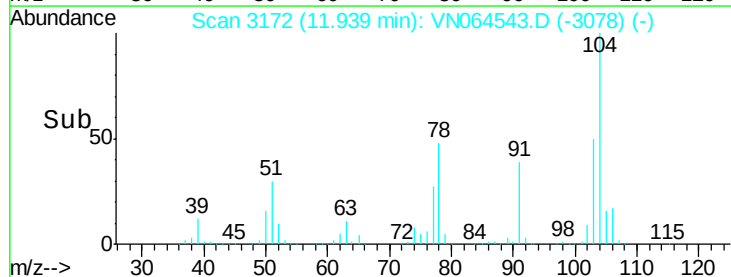
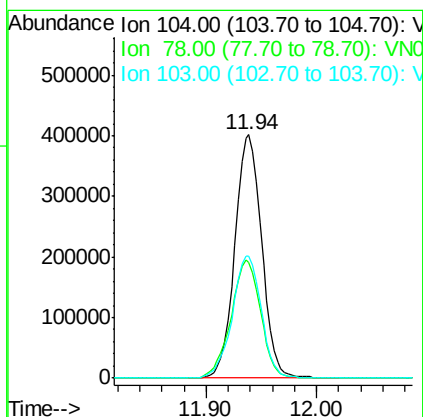
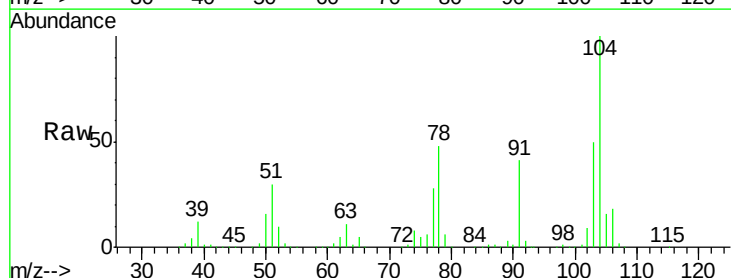
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

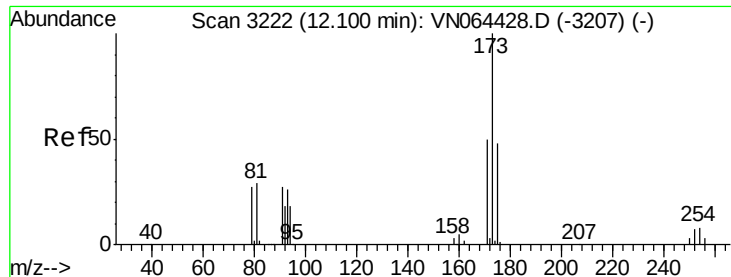
Tot Ion:106 Resp: 385338
Ion Ratio Lower Upper
106 100
91 226.9 111.7 334.9



#70
Styrene
Concen: 53.348 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion:104 Resp: 678759
Ion Ratio Lower Upper
104 100
78 53.6 44.0 66.0
103 54.3 43.8 65.6





#71

Bromoform

Concen: 49.950 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

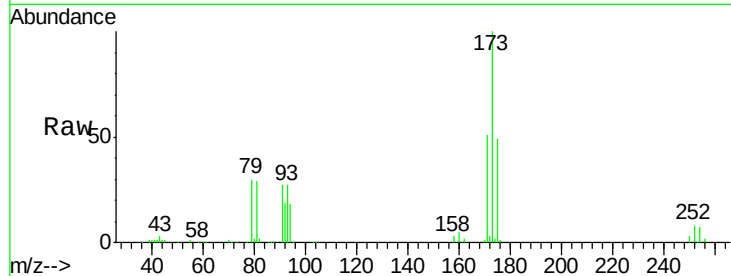
Tot Ion:173 Resp: 169716

Ion Ratio Lower Upper

173 100

175 49.0 23.7 71.1

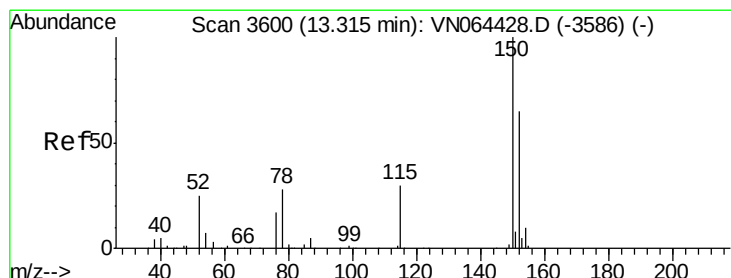
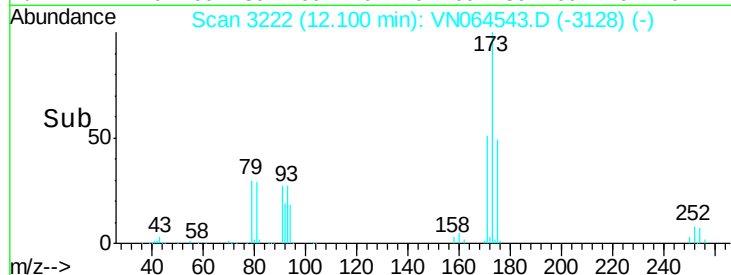
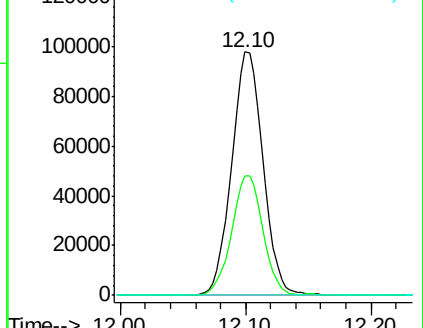
254 0.0 0.0 0.0



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: VN064543.D

Acq: 10 Nov 2020 22:14

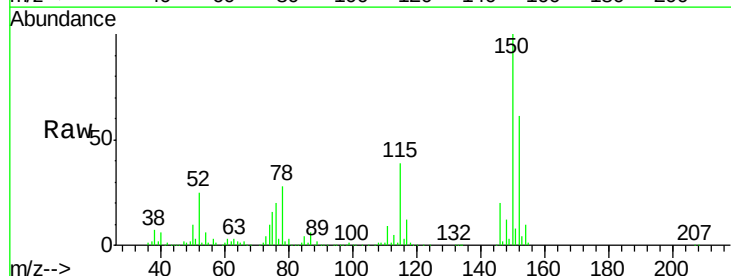
Tgt Ion:152 Resp: 261934

Ion Ratio Lower Upper

152 100

115 63.4 32.0 96.0

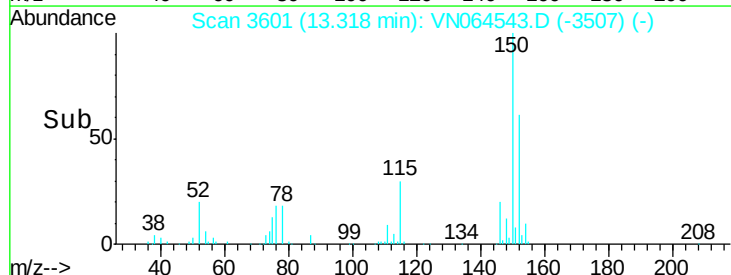
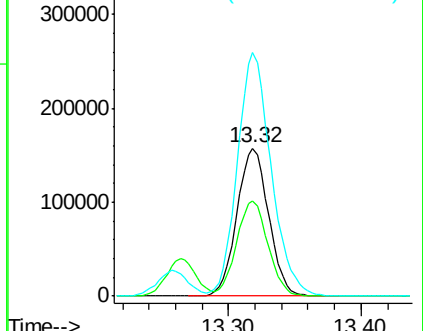
150 174.7 0.0 353.8

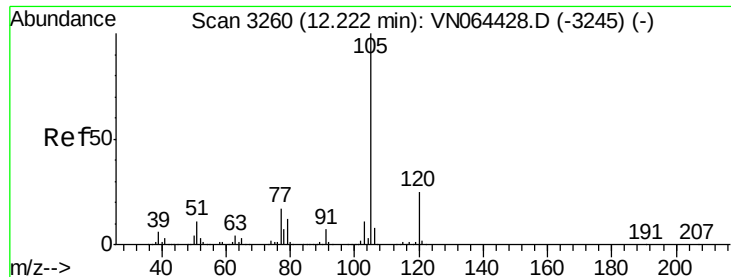


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.024 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

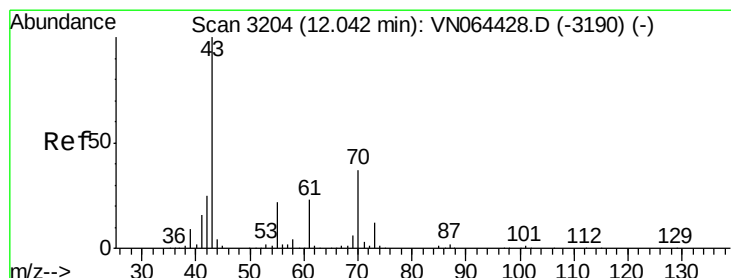
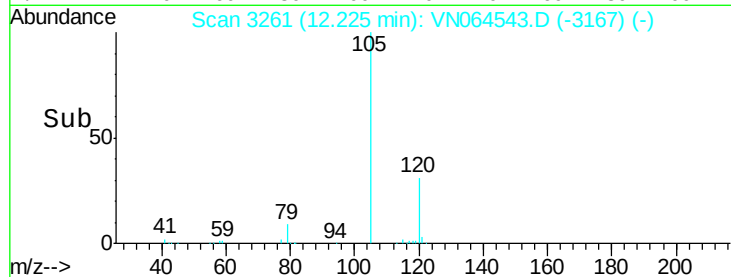
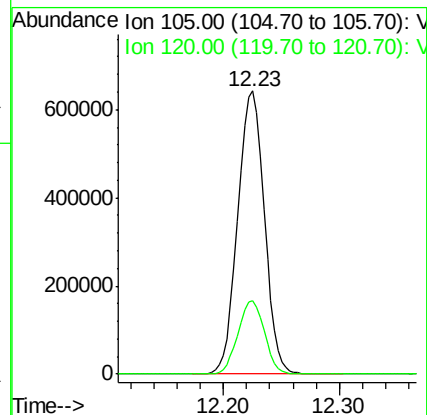
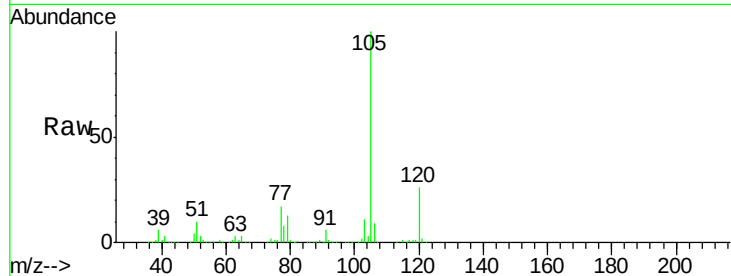
VSTDCCC050EC

Tot Ion:105 Resp: 1020638

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



#74

N-ethyl acetate

Concen: 45.405 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Tgt Ion: 43 Resp: 457317

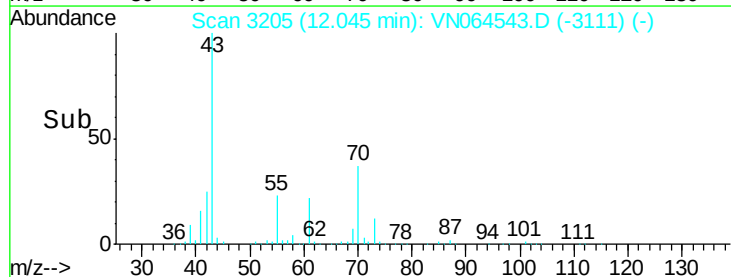
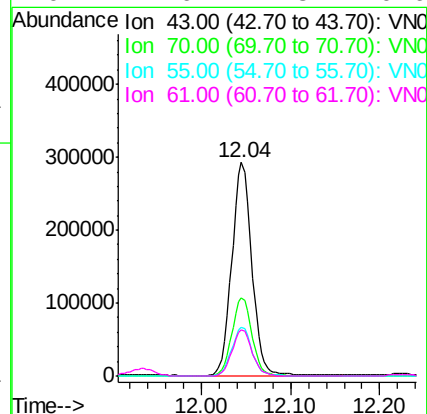
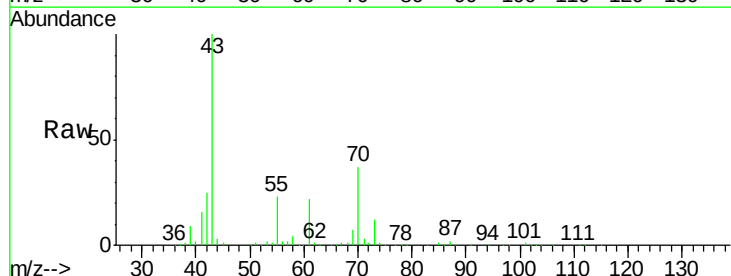
Ion Ratio Lower Upper

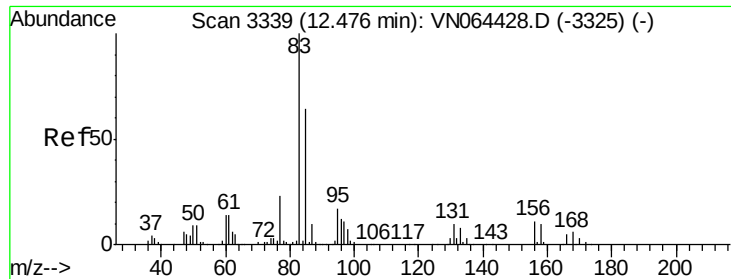
43 100

70 36.5 29.6 44.4

55 23.1 18.4 27.6

61 21.6 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.071 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

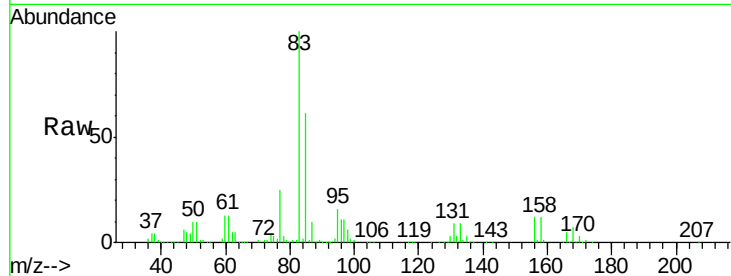
Tot Ion: 83 Resp: 320187

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

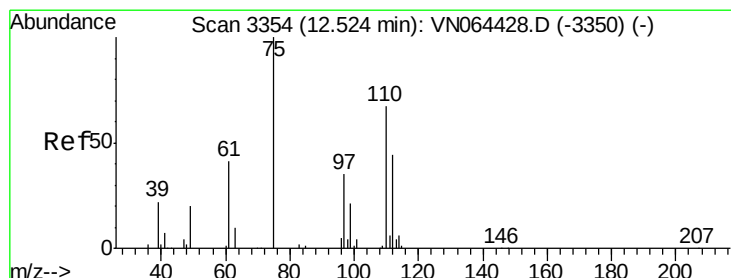
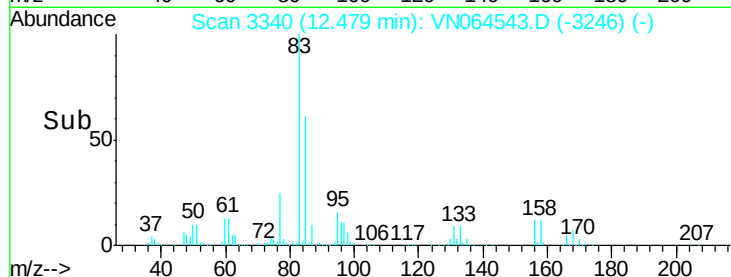
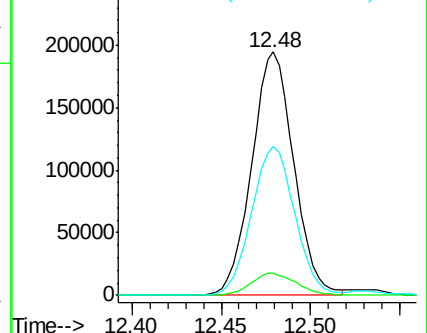
85 62.9 32.1 96.5



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: 67.797 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064543.D

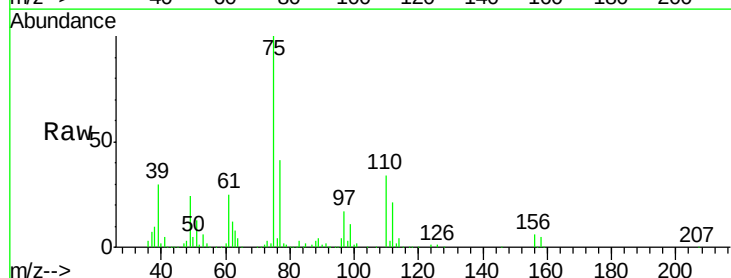
Acq: 10 Nov 2020 22:14

Tgt Ion: 75 Resp: 430271

Ion Ratio Lower Upper

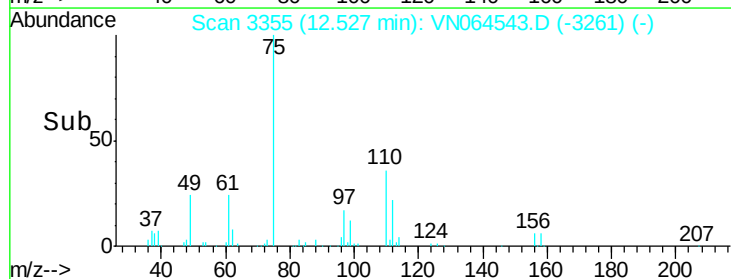
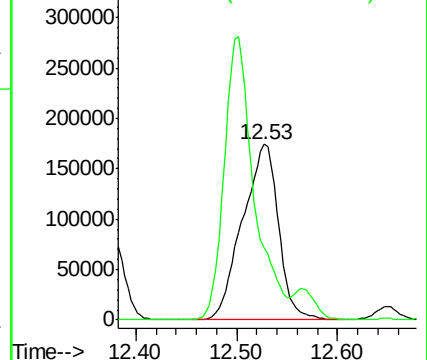
75 100

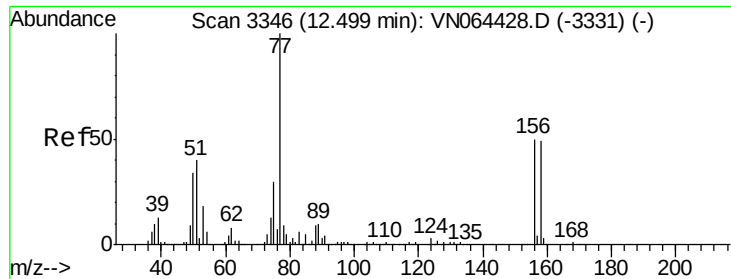
77 0.0 0.0 0.0



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

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

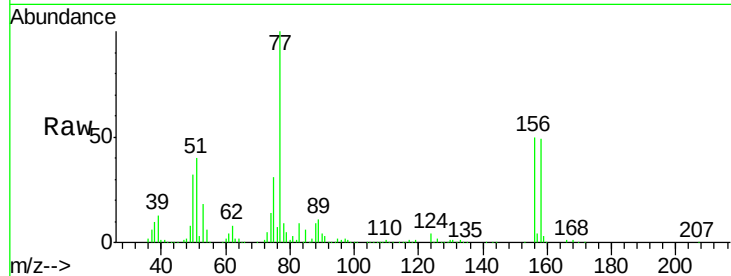




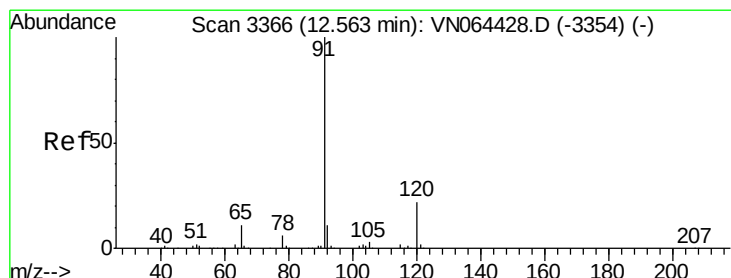
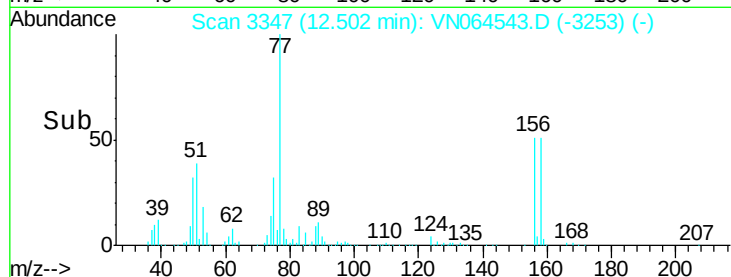
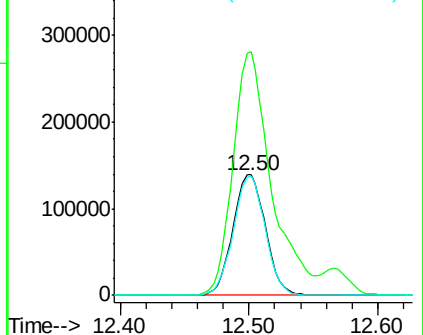
#77
Bromobenzene
Concen: 47.978 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 243869
Ion Ratio Lower Upper
156 100
77 238.6 119.0 357.0
158 97.1 48.4 145.3

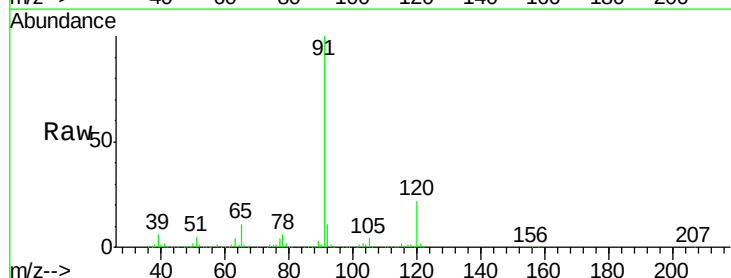


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

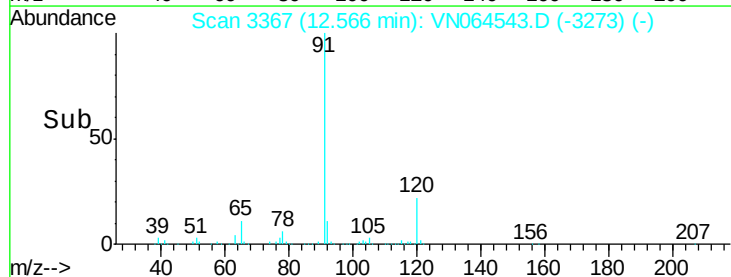
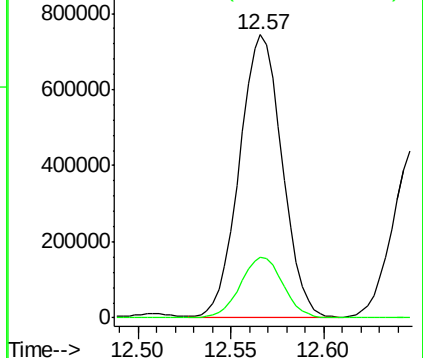


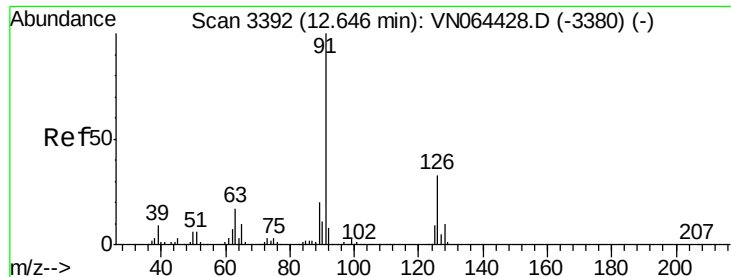
#78
n-propylbenzene
Concen: 49.665 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion: 91 Resp: 1178822
Ion Ratio Lower Upper
91 100
120 21.7 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: 48.677 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

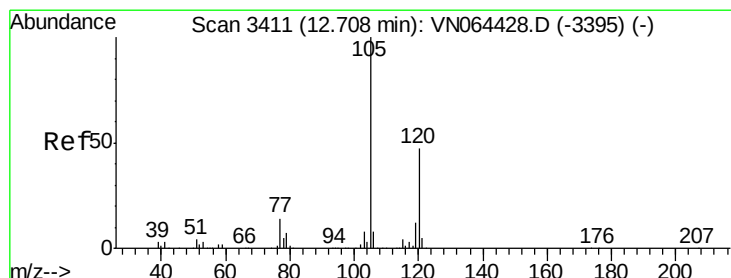
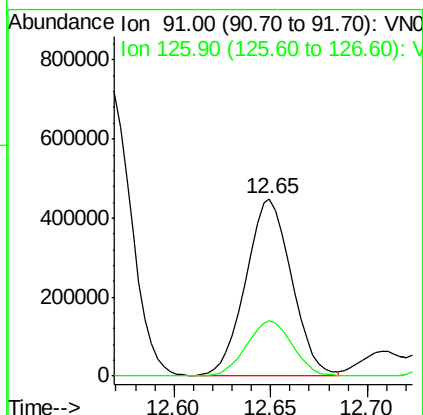
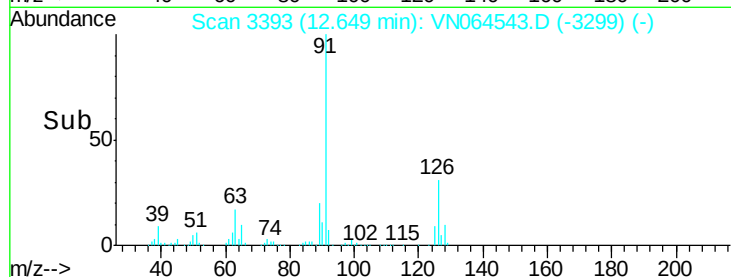
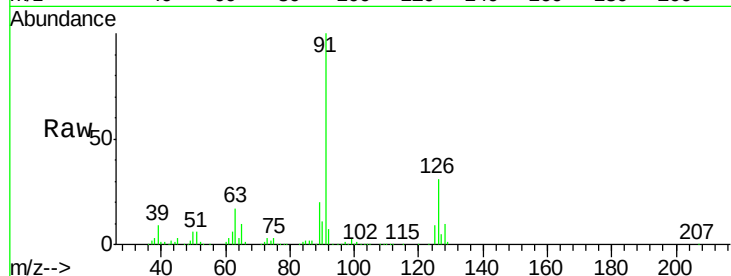
VSTDCCC050EC

Tot Ion: 91 Resp: 732798

Ion Ratio Lower Upper

91 100

126 31.8 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 49.807 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064543.D

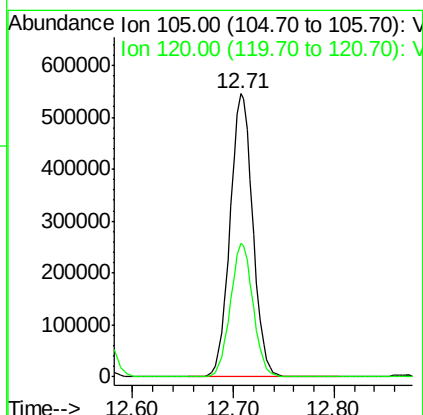
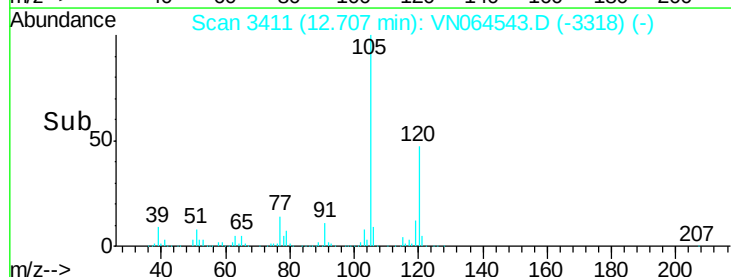
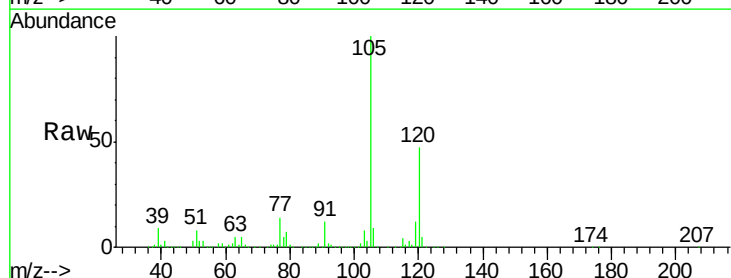
Acq: 10 Nov 2020 22:14

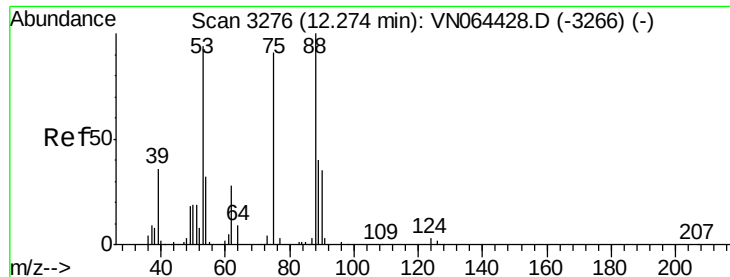
Tgt Ion: 105 Resp: 855457

Ion Ratio Lower Upper

105 100

120 47.0 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 46.103 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

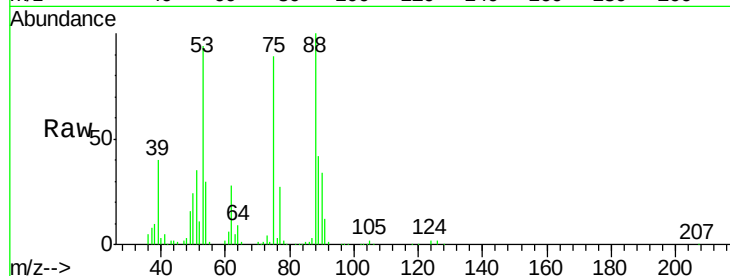
Tot Ion: 75 Resp: 104792

Ion Ratio Lower Upper

75 100

53 110.4 84.0 126.0

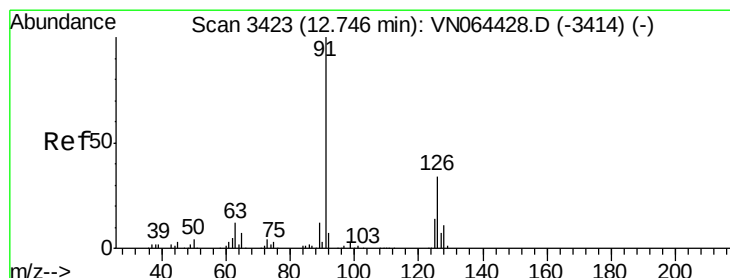
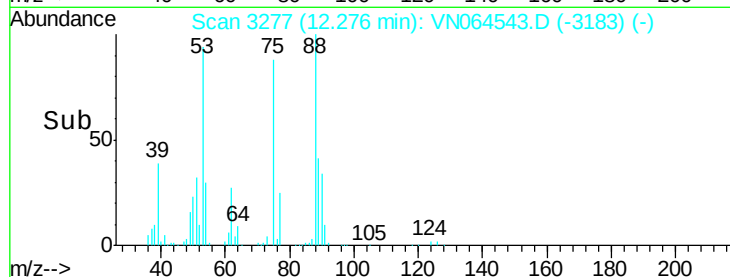
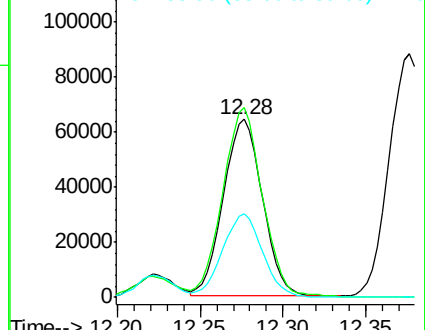
89 49.1 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064428.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN064428.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 48.585 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN064543.D

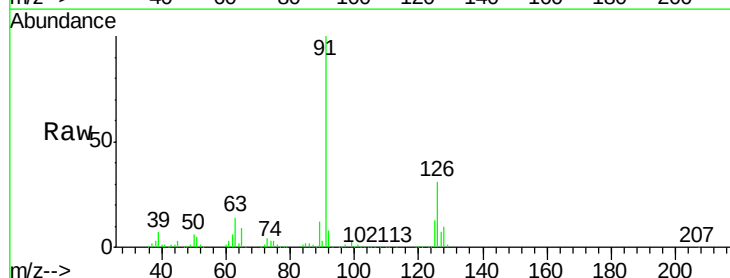
Acq: 10 Nov 2020 22:14

Tgt Ion: 91 Resp: 765971

Ion Ratio Lower Upper

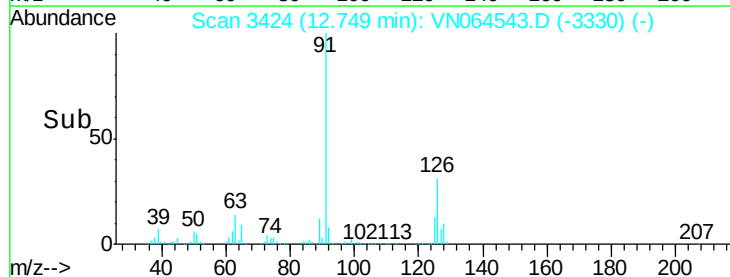
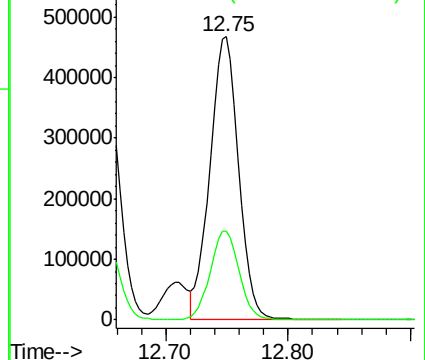
91 100

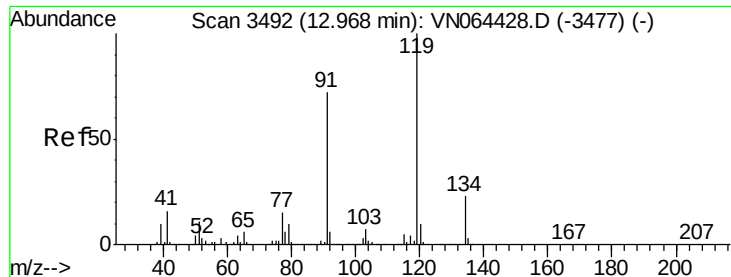
126 31.7 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3414) (-)

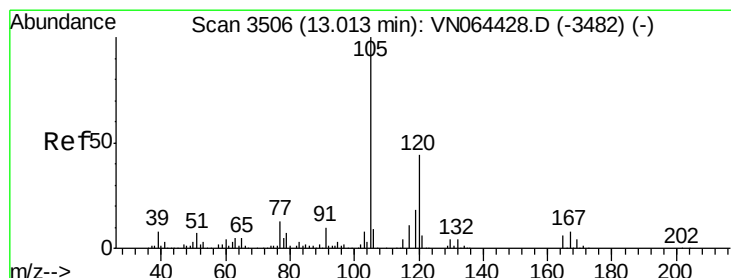
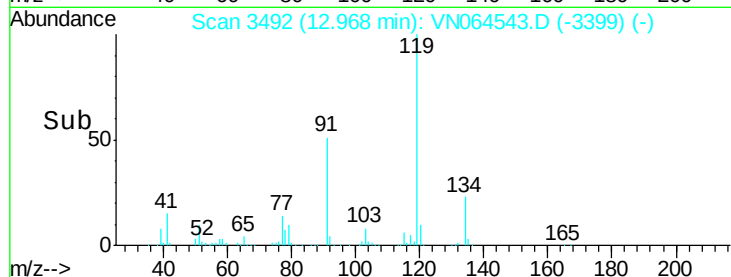
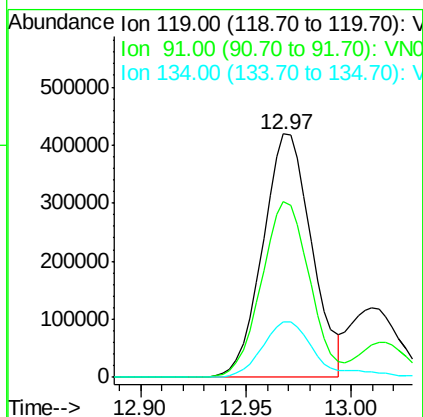
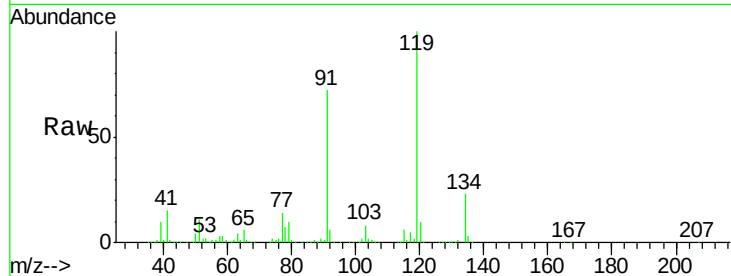




#83
 tert-Butylbenzene
 Concen: 50.527 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

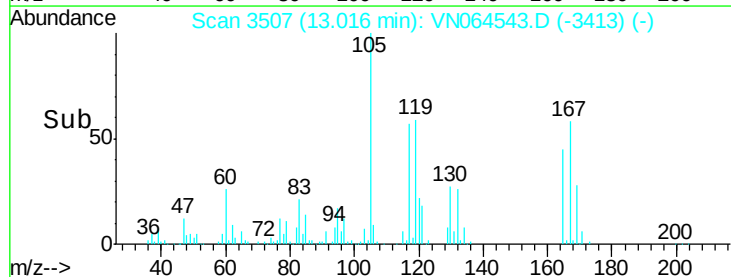
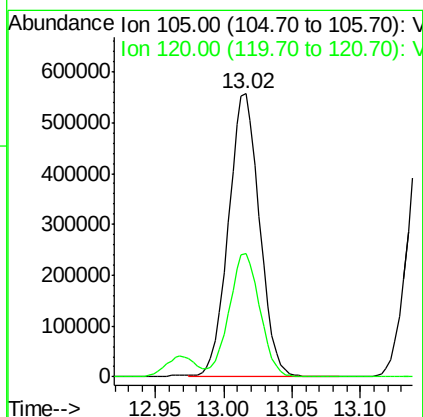
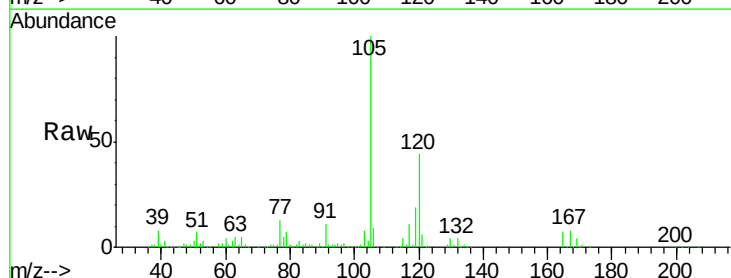
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

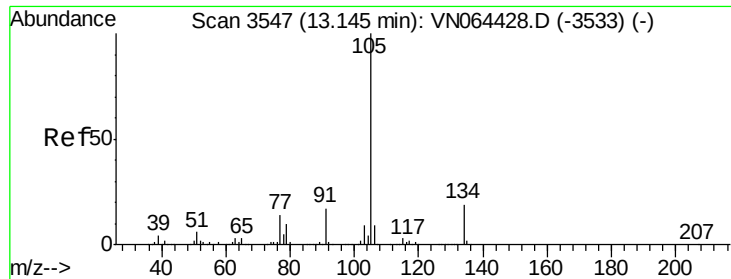
Tot Ion:119 Resp: 677773
 Ion Ratio Lower Upper
 119 100
 91 71.1 36.1 108.3
 134 25.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.864 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion:105 Resp: 878218
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.9 65.7





#85

sec-Butylbenzene

Concen: 51.310 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

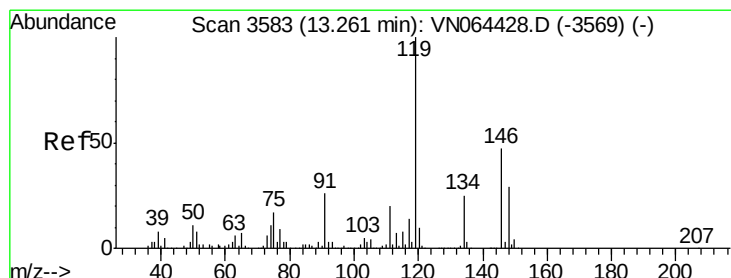
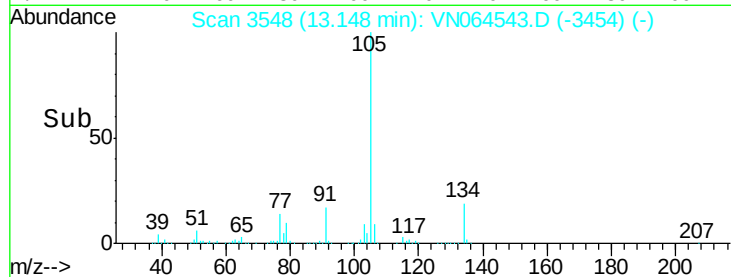
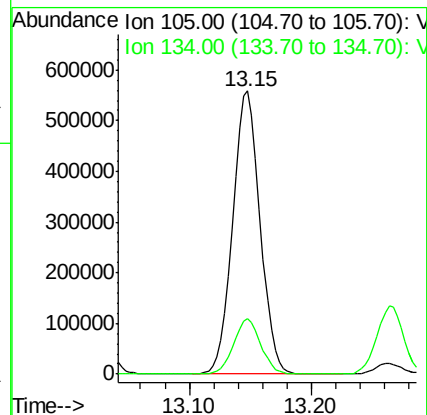
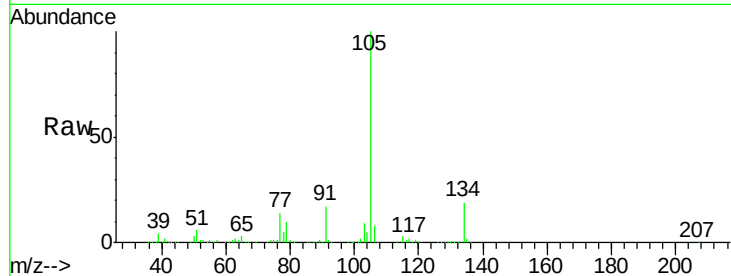
VSTDCCC050EC

Tot Ion:105 Resp: 871697

Ion Ratio Lower Upper

105 100

134 19.3 9.4 28.2



#86

p-Isopropyltoluene

Concen: 52.313 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

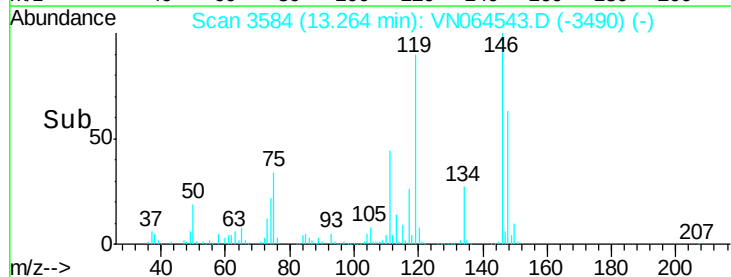
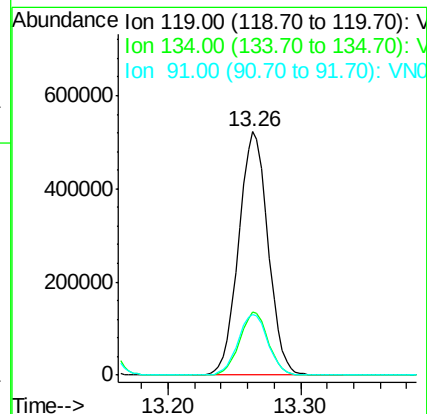
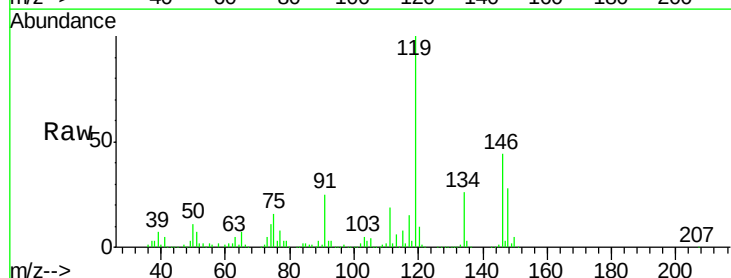
Tgt Ion:119 Resp: 799396

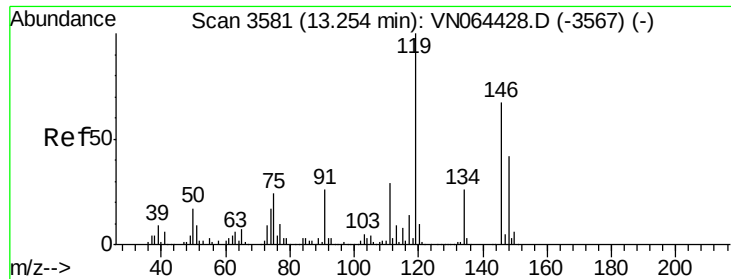
Ion Ratio Lower Upper

119 100

134 25.4 12.6 37.6

91 25.4 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 49.321 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

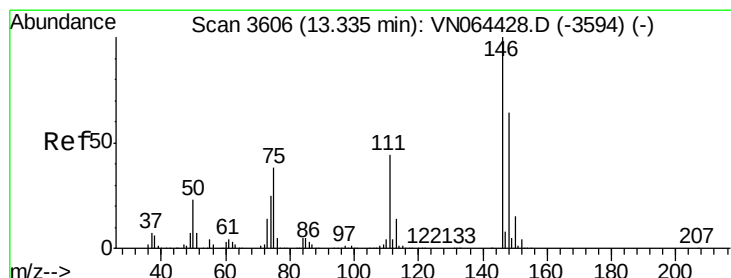
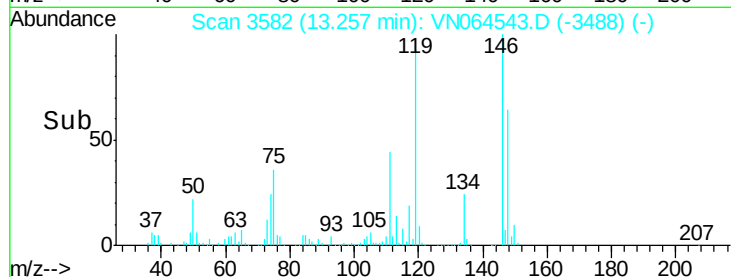
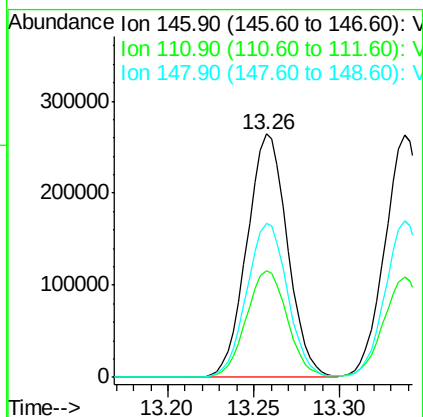
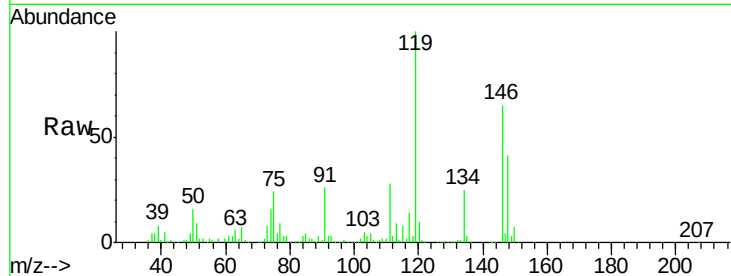
Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:146 Resp: 433360

Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.1	66.1
148	63.8	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 48.059 ug/l

RT: 13.34 min Scan# 3607

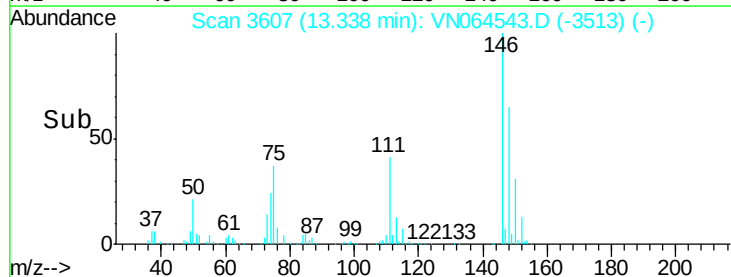
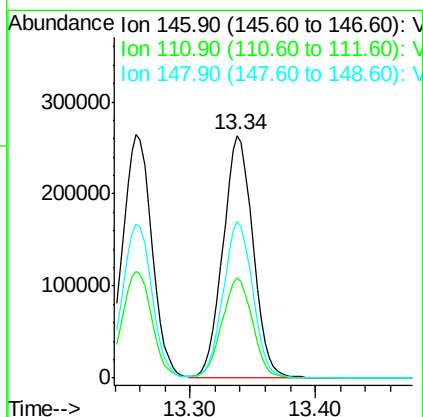
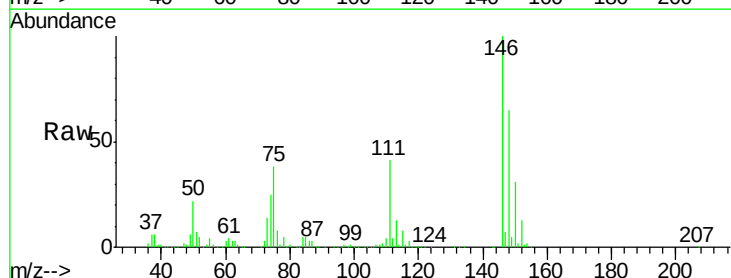
Delta R.T. 0.00 min

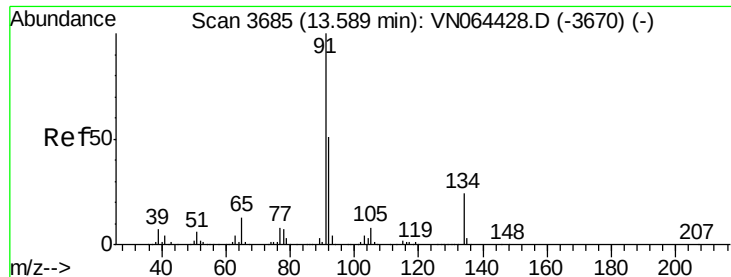
Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Tgt Ion:146 Resp: 436380

Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.8	65.3
148	63.4	32.4	97.2





#89

n-Butylbenzene

Concen: 50.834 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064543.D

Acq: 10 Nov 2020 22:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

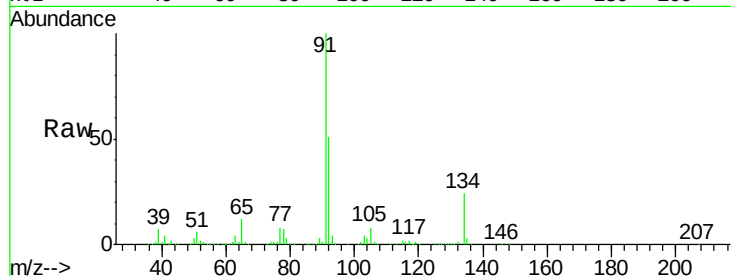
Tot Ion: 91 Resp: 667888

Ion Ratio Lower Upper

91 100

92 50.7 25.3 75.9

134 23.6 11.8 35.4

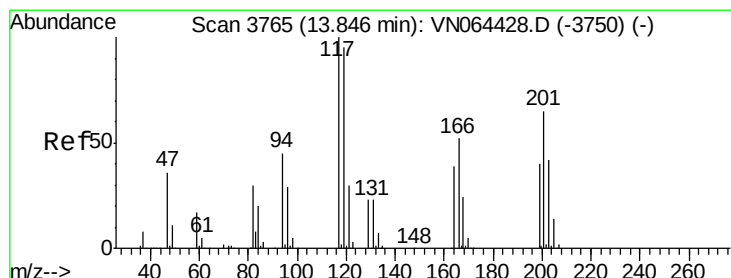
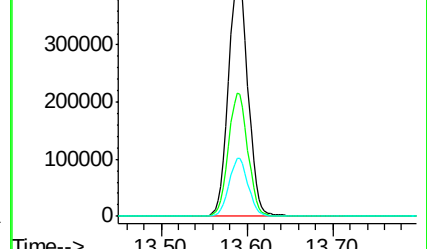
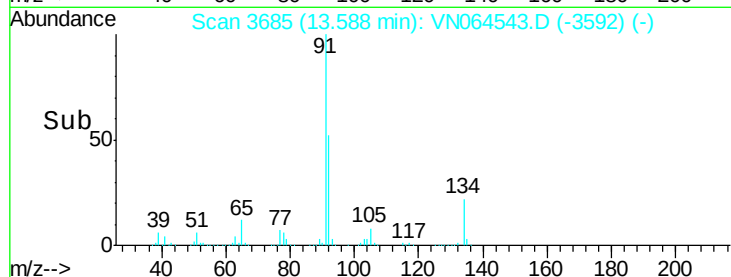


Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064428.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064428.D (-3670) (-)

Time-->



#90

Hexachloroethane

Concen: 52.203 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064543.D

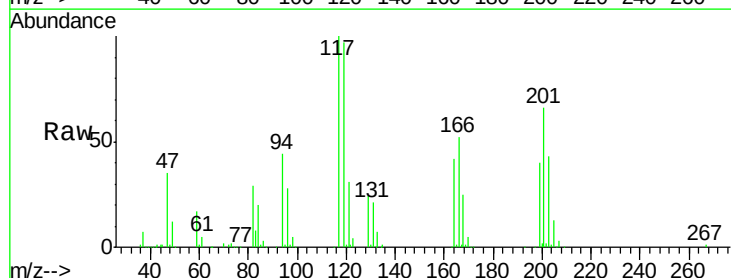
Acq: 10 Nov 2020 22:14

Tgt Ion: 117 Resp: 153883

Ion Ratio Lower Upper

117 100

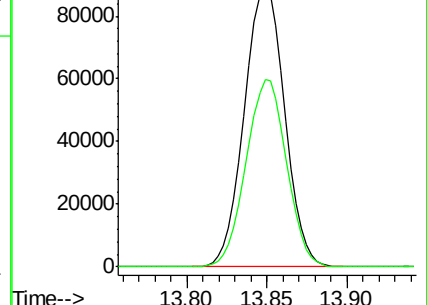
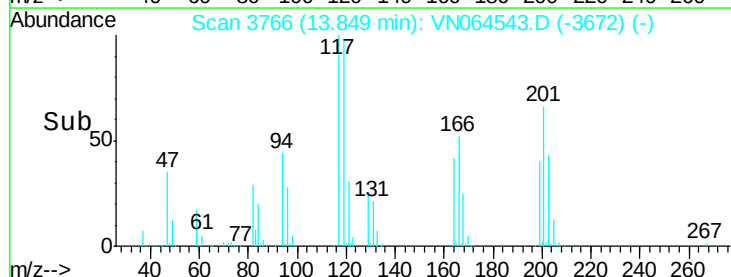
201 67.0 32.5 97.5

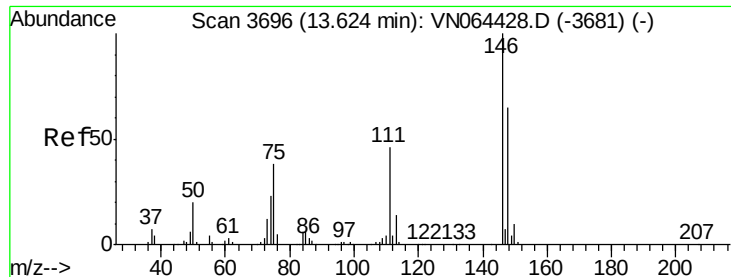


Abundance Ion 116.80 (116.50 to 117.50): VN064428.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN064428.D (-3750) (-)

Time-->

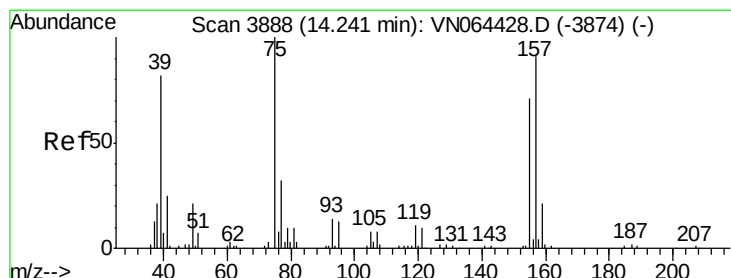
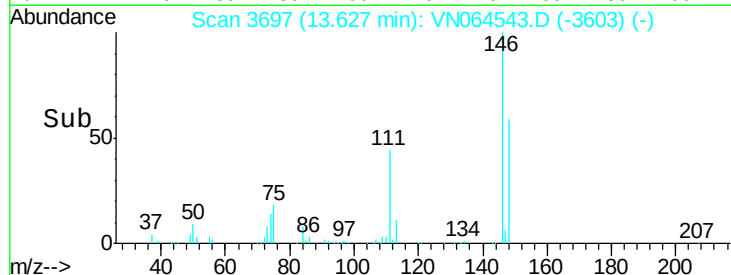
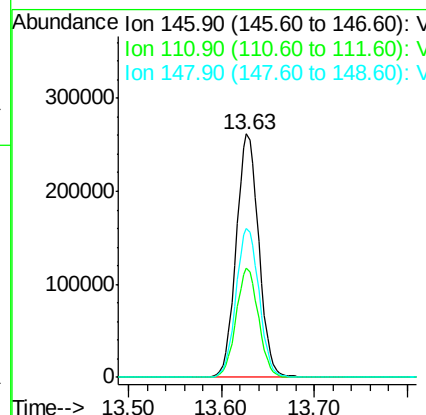
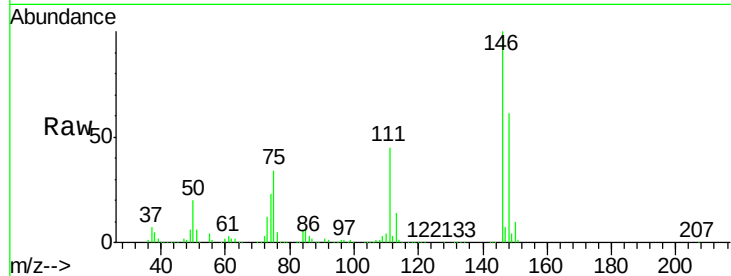




#91
 1,2-Dichlorobenzene
 Concen: 52.239 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

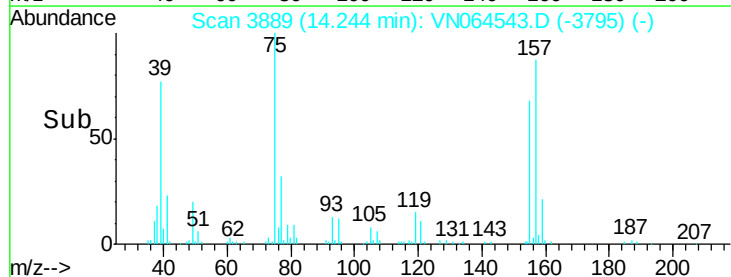
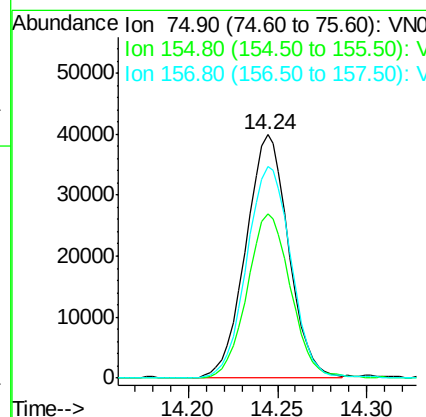
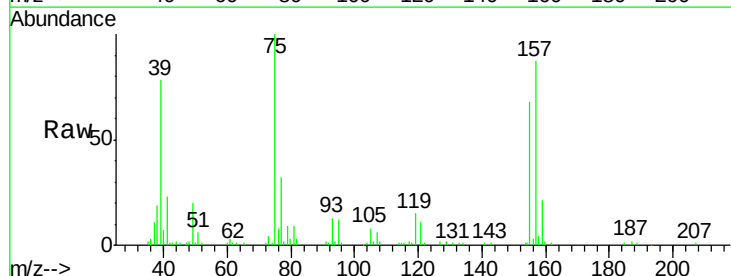
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

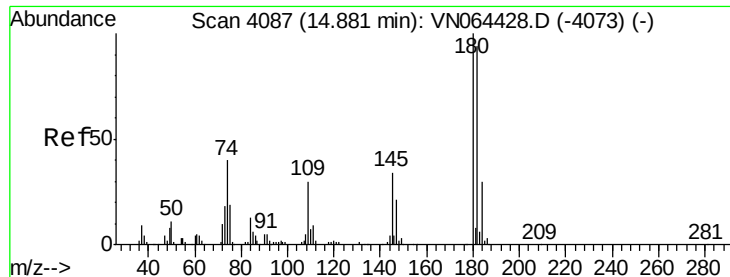
Tot Ion:146 Resp: 441515
 Ion Ratio Lower Upper
 146 100
 111 44.5 22.9 68.7
 148 62.5 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.577 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion: 75 Resp: 66939
 Ion Ratio Lower Upper
 75 100
 155 68.8 34.6 103.9
 157 90.1 43.0 128.8

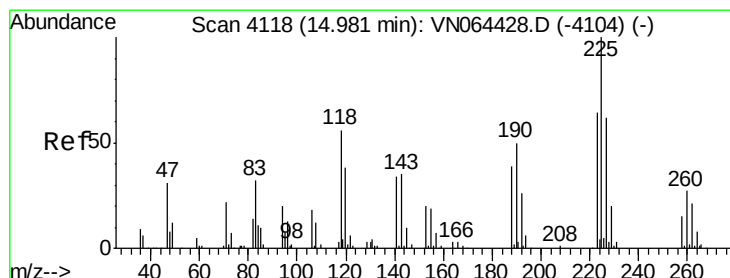
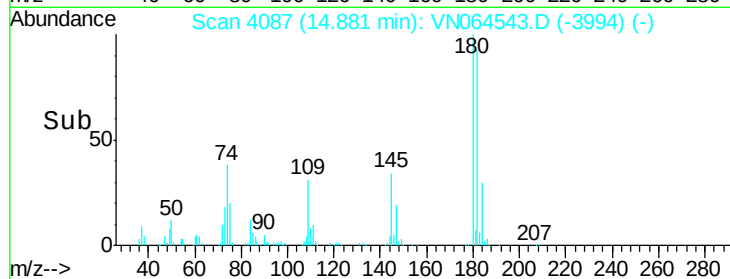
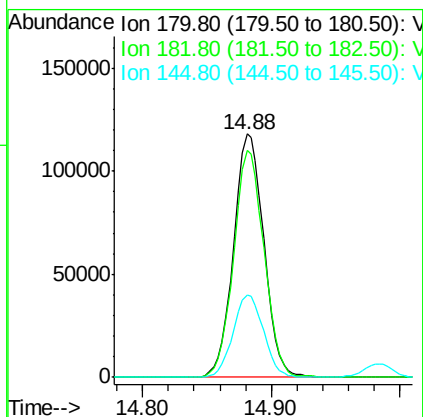
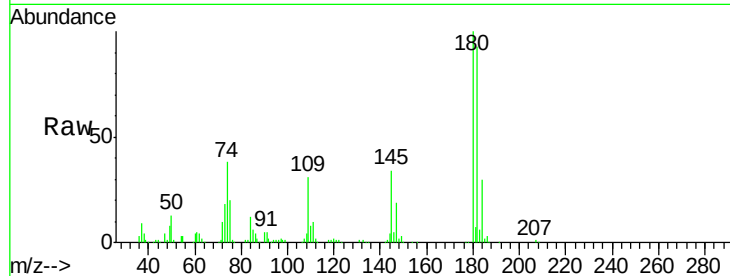




#93
 1,2,4-Trichlorobenzene
 Concen: 46.033 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

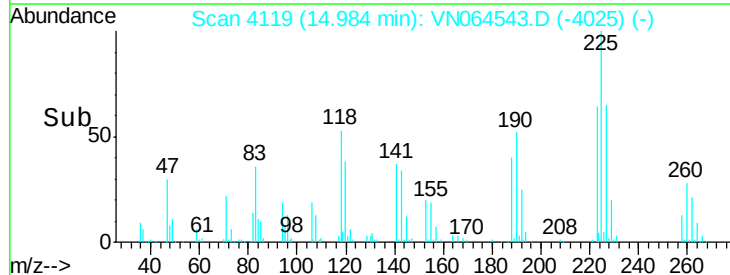
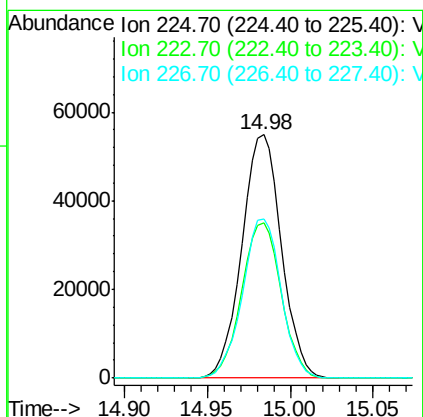
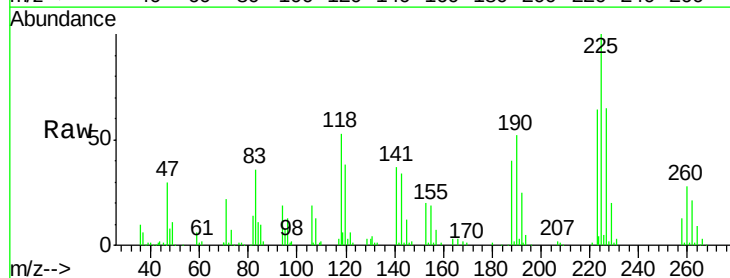
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

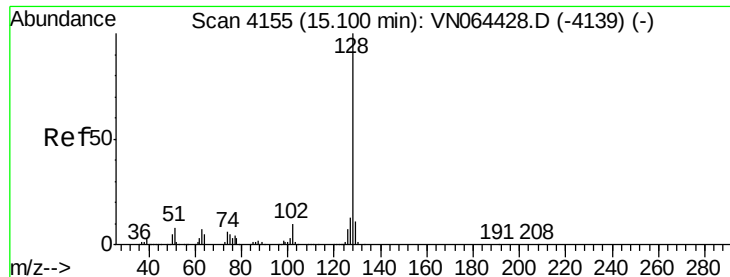
Tot Ion:180 Resp: 192544
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.3 142.0
 145 34.3 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 52.896 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064543.D
 Acq: 10 Nov 2020 22:14

Tgt Ion:225 Resp: 91023
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.8 95.4
 227 64.0 31.8 95.4

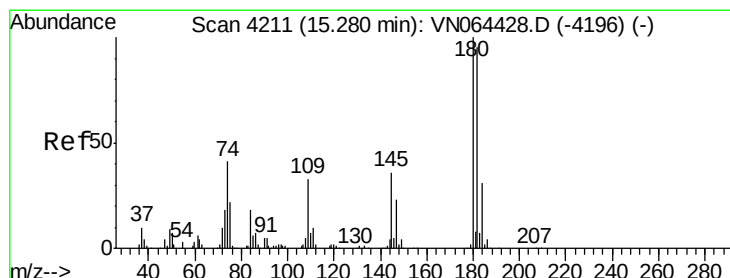
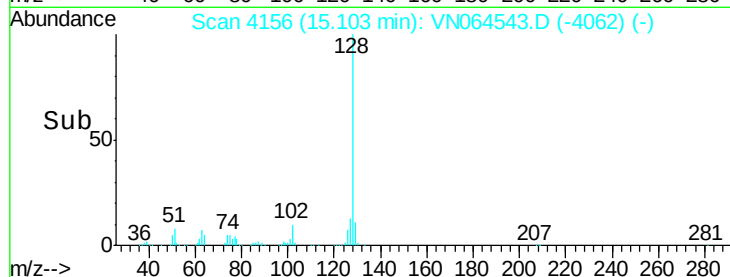
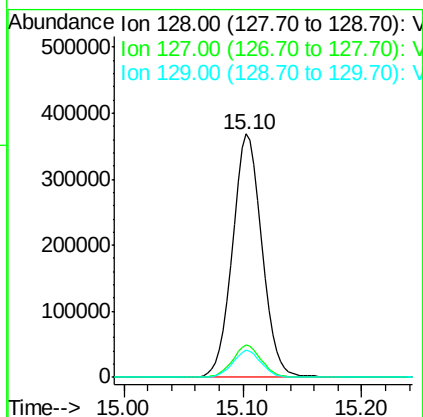
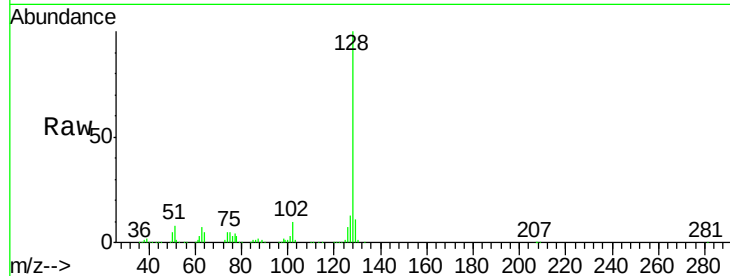




#95
Naphthalene
Concen: 44.381 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 631281
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.704 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064543.D
Acq: 10 Nov 2020 22:14

Tgt Ion:180 Resp: 193430
Ion Ratio Lower Upper
180 100
182 94.9 47.7 143.1
145 35.6 18.3 54.8

