

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111720\
 Data File : VN064672.D
 Acq On : 17 Nov 2020 11:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 18 01:34:18 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	7.62	168	301409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	497637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	480463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	238673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	249981	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	7.55	113	172955	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.06	98	664548	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	12.37	95	249609	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	180721	46.060	ug/l	95
3) Chloromethane	2.04	50	195527	41.028	ug/l	100
4) Vinyl Chloride	2.17	62	218936	44.736	ug/l	97
5) Bromomethane	2.53	94	151186	48.357	ug/l	94
6) Chloroethane	2.67	64	147789	47.167	ug/l	93
7) Trichlorofluoromethane	2.99	101	377434	52.375	ug/l	99
8) Diethyl Ether	3.37	74	123497	48.528	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	166055	48.524	ug/l	99
10) Methyl Iodide	3.91	142	179474	45.135	ug/l	99
11) Tert butyl alcohol	4.74	59	133577	230.713	ug/l	100
12) 1,1-Dichloroethene	3.69	96	150743	46.764	ug/l	98
13) Acrolein	3.57	56	82466	229.627	ug/l	95
14) Allyl chloride	4.27	41	273554	43.381	ug/l	95
15) Acrylonitrile	4.93	53	394445	244.703	ug/l	98
16) Acetone	3.77	43	474507	237.271	ug/l	99
17) Carbon Disulfide	4.00	76	422594	43.838	ug/l	100
18) Methyl Acetate	4.28	43	198799	50.564	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	550145	47.419	ug/l	96
20) Methylene Chloride	4.50	84	184612	46.527	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	175118	47.846	ug/l	94
22) Diisopropyl ether	5.90	45	617080	46.100	ug/l	98
23) Vinyl Acetate	5.84	43	2566231	235.668	ug/l	98
24) 1,1-Dichloroethane	5.79	63	340879	46.344	ug/l	100
25) 2-Butanone	6.78	43	608513	238.811	ug/l	98
26) 2,2-Dichloropropane	6.77	77	329076	49.422	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	200847	47.358	ug/l	98
28) Bromochloromethane	7.14	49	163105	45.113	ug/l	99
29) Tetrahydrofuran	7.17	42	357491	228.675	ug/l	97
30) Chloroform	7.33	83	381187	49.302	ug/l	100
31) Cyclohexane	7.61	56	271062	42.473	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	346419	50.516	ug/l	98
36) 1,1-Dichloropropene	7.75	75	270759	51.503	ug/l	98
37) Ethyl Acetate	6.88	43	244536	45.894	ug/l	99
38) Carbon Tetrachloride	7.73	117	301663	53.690	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	255317	54.176	ug/l	98
40) Benzene	8.00	78	767012	49.650	ug/l	100
41) Methacrylonitrile	7.12	41	95425	40.942	ug/l	92
42) 1,2-Dichloroethane	8.08	62	320983	51.487	ug/l	99
43) Isopropyl Acetate	8.13	43	423234	49.677	ug/l #	90
44) Trichloroethene	8.80	130	200253	51.379	ug/l	100
45) 1,2-Dichloropropane	9.08	63	212210	51.483	ug/l	98
46) Dibromomethane	9.17	93	146638	54.041	ug/l	99
47) Bromodichloromethane	9.37	83	316738	54.288	ug/l	98
48) Methyl methacrylate	9.16	41	212059	49.327	ug/l	96
49) 1,4-Dioxane	9.16	88	55621	982.272	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1309243	263.511	ug/l	100
52) Toluene	10.12	92	503136	53.399	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	335856	54.297	ug/l	100
54) cis-1,3-Dichloropropene	9.80	75	344105	52.031	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	196649	53.516	ug/l	98
56) Ethyl methacrylate	10.40	69	278894	46.273	ug/l	98
57) 1,3-Dichloropropane	10.68	76	341269	53.208	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	869950	299.827	ug/l	96
59) 2-Hexanone	10.72	43	986962	243.709	ug/l	99
60) Dibromochloromethane	10.87	129	235875	57.333	ug/l	100
61) 1,2-Dibromoethane	10.97	107	207266	55.609	ug/l	98
64) Tetrachloroethene	10.60	164	190958	51.596	ug/l	98
65) Chlorobenzene	11.40	112	536292	50.916	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	211628	53.858	ug/l	98
67) Ethyl Benzene	11.48	91	980403	52.330	ug/l	99
68) m/p-Xylenes	11.59	106	730830	107.562	ug/l	97
69) o-Xylene	11.92	106	341781	52.056	ug/l	97
70) Styrene	11.94	104	608424	55.070	ug/l	99
71) Bromoform	12.10	173	152648	51.693	ug/l #	100
73) Isopropylbenzene	12.22	105	938076	49.449	ug/l	100
74) N-amyl acetate	12.04	43	383816	41.917	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	274536	47.116	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	388155	67.122	ug/l #	100
77) Bromobenzene	12.50	156	220926	47.700	ug/l	97
78) n-propylbenzene	12.57	91	1116054	51.603	ug/l	99
79) 2-Chlorotoluene	12.65	91	668133	48.707	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	806895	51.558	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	100353	48.453	ug/l	98
82) 4-Chlorotoluene	12.75	91	714632	49.746	ug/l	99
83) tert-Butylbenzene	12.97	119	645299	52.794	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	811456	51.578	ug/l	99
85) sec-Butylbenzene	13.14	105	864307	55.834	ug/l	99
86) p-Isopropyltoluene	13.26	119	788200	56.607	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	408666	51.044	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	406483	49.129	ug/l	98
89) n-Butylbenzene	13.59	91	689365	57.583	ug/l	99
90) Hexachloroethane	13.85	117	147437	54.891	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	396234	51.451	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	58605	50.517	ug/l	99

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QLast Update : Wed Nov 04 12:09:03 2020
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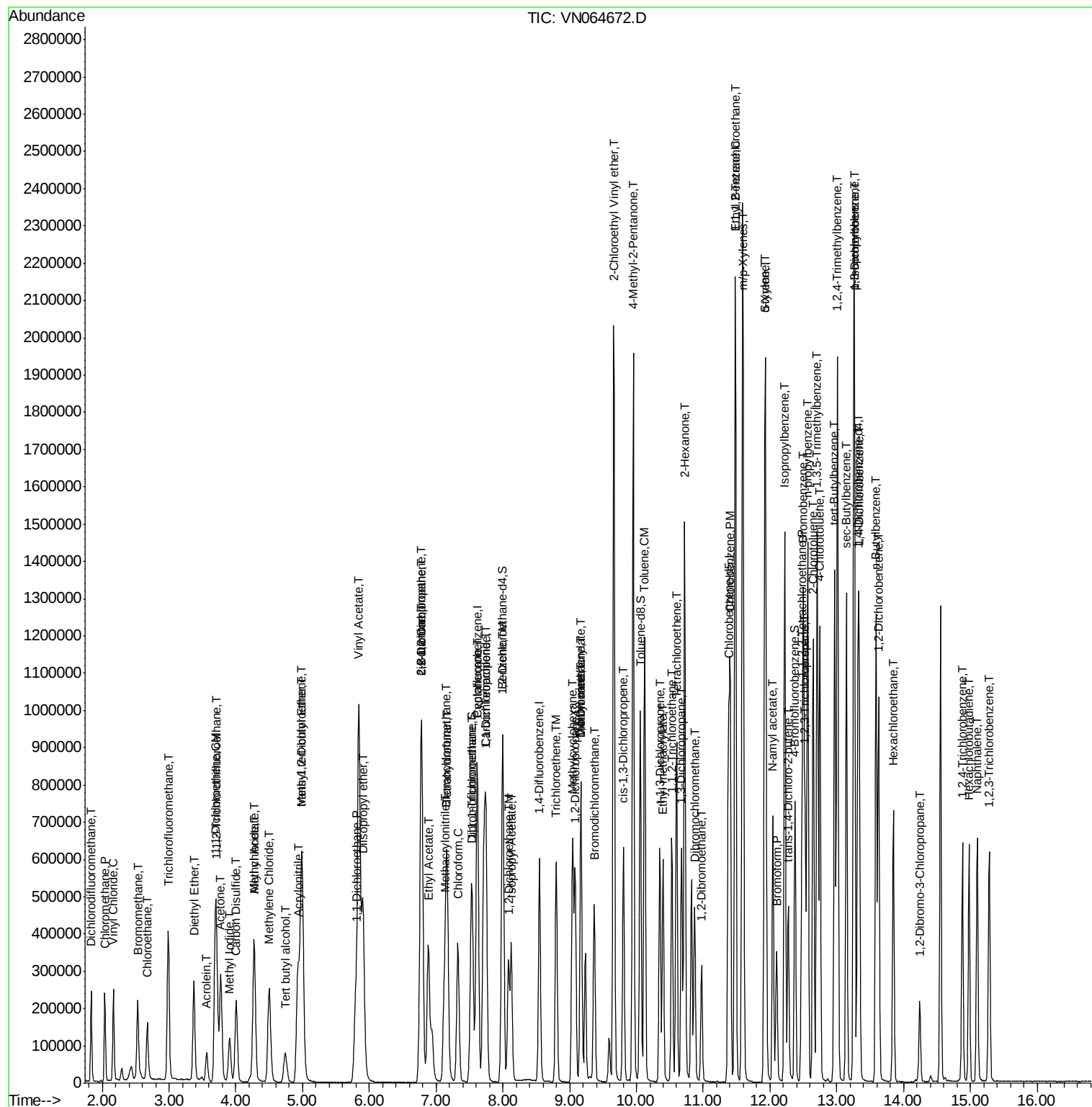
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	186477	48.760	ug/l	100
94) Hexachlorobutadiene	14.98	225	102431	65.327	ug/l	98
95) Naphthalene	15.10	128	540183	41.898	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	184021	49.684	ug/l	99

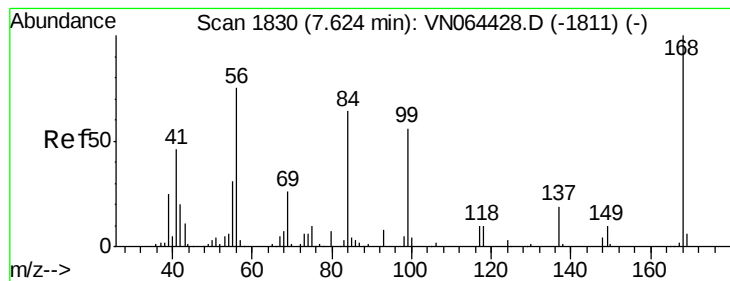
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111720\
Data File : VN064672.D
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

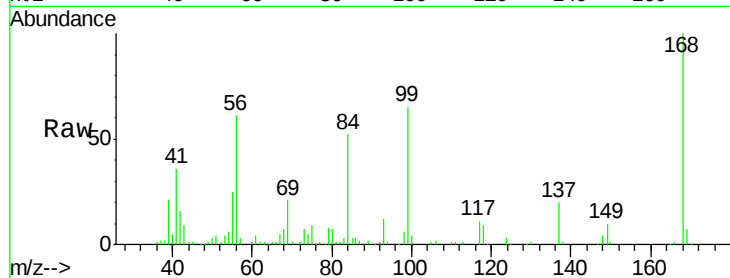
VSTDCCC050

Tot Ion:168 Resp: 301409

Ion Ratio Lower Upper

168 100

99 64.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

150000

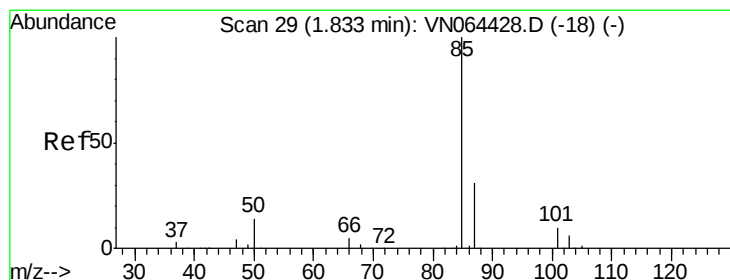
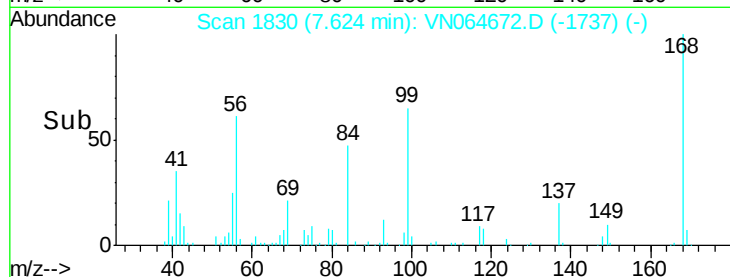
100000

50000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 46.060 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064672.D

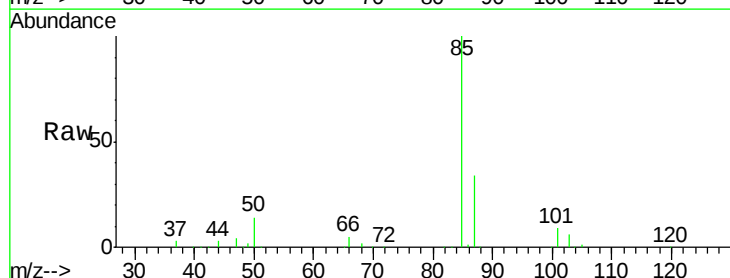
Acq: 17 Nov 2020 11:02

Tgt Ion: 85 Resp: 180721

Ion Ratio Lower Upper

85 100

87 34.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

150000

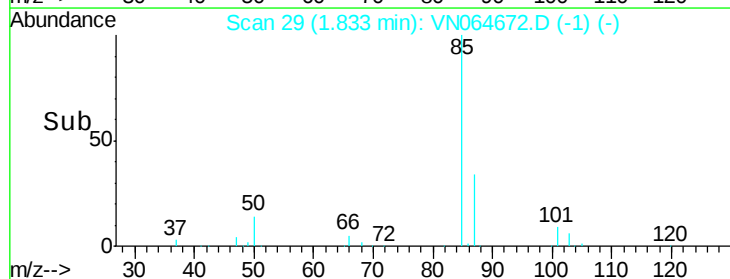
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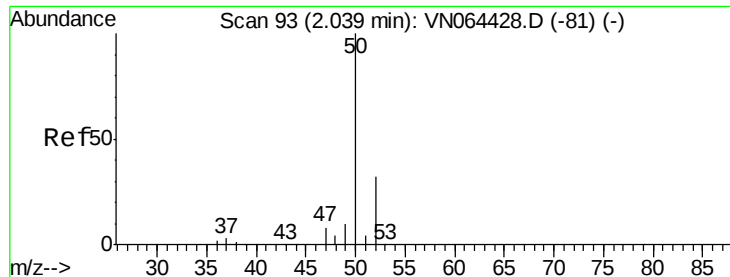
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 41.028 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

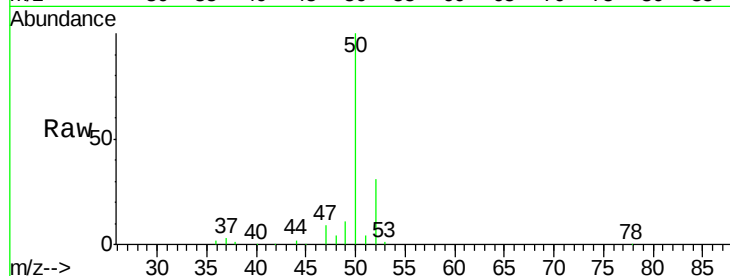
VSTDCCC050

Tot Ion: 50 Resp: 195527

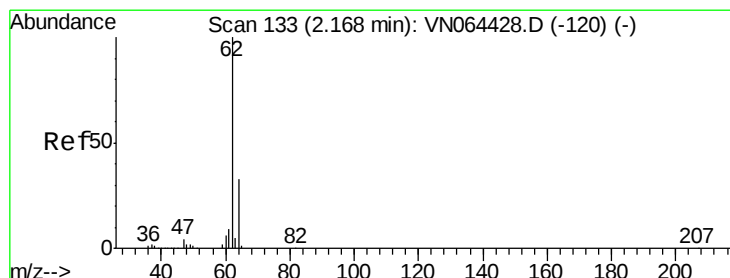
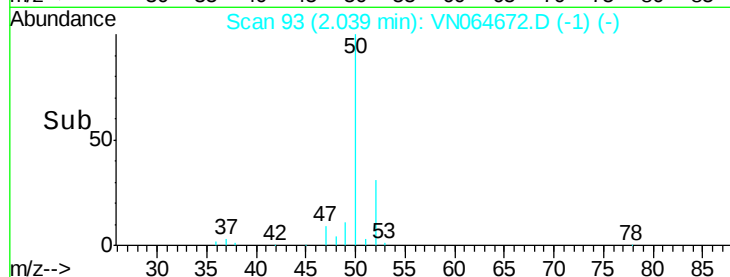
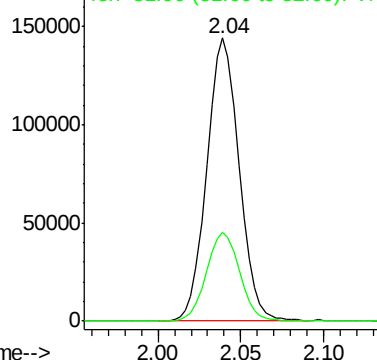
Ion Ratio Lower Upper

50 100

52 31.4 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 44.736 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064672.D

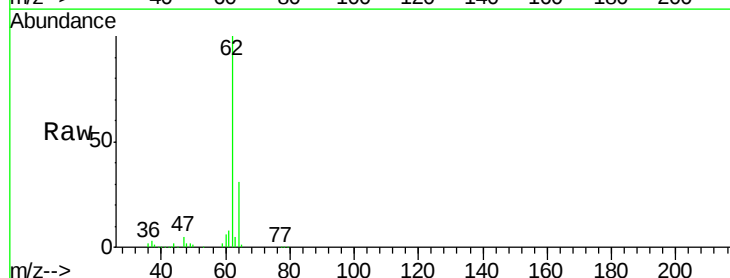
Acq: 17 Nov 2020 11:02

Tgt Ion: 62 Resp: 218936

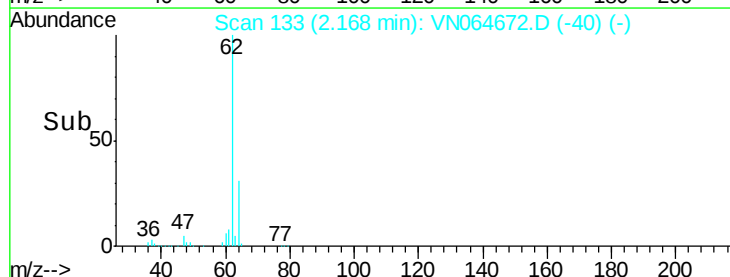
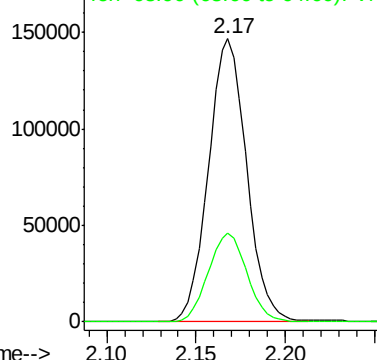
Ion Ratio Lower Upper

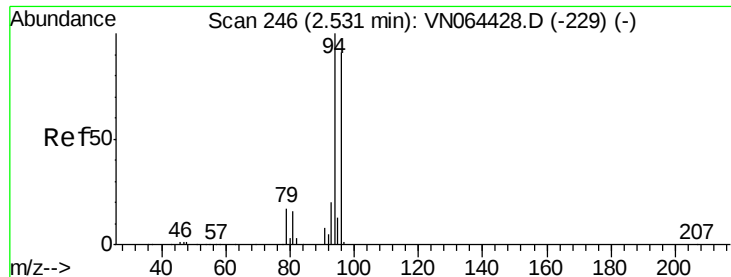
62 100

64 31.3 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 48.357 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

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ClientSampleId :

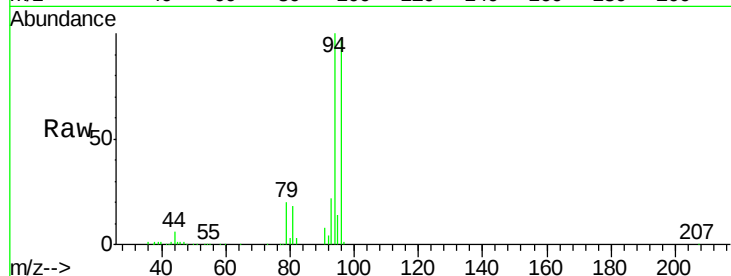
VSTDCCC050

Tot Ion: 94 Resp: 151186

Ion Ratio Lower Upper

94 100

96 97.5 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

80000

60000

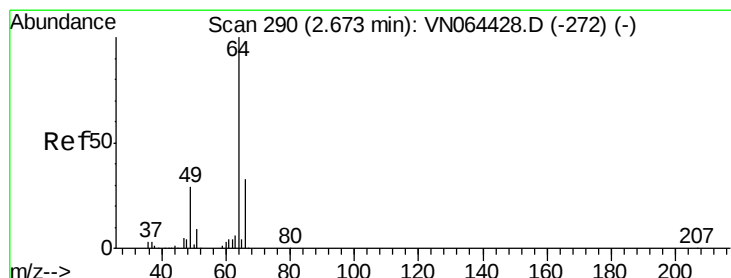
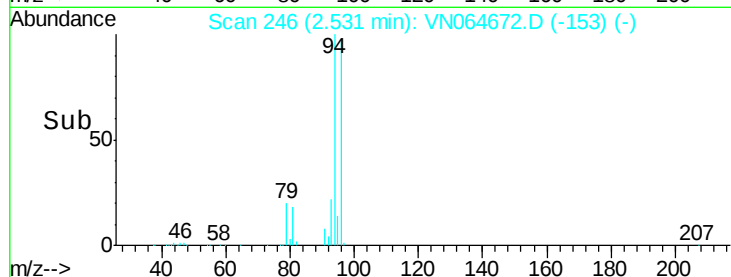
40000

20000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 47.167 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064672.D

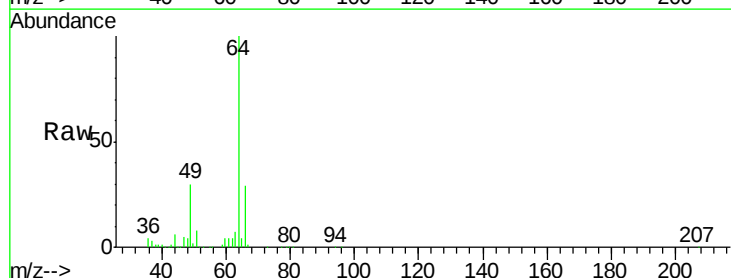
Acq: 17 Nov 2020 11:02

Tgt Ion: 64 Resp: 147789

Ion Ratio Lower Upper

64 100

66 28.5 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

80000

60000

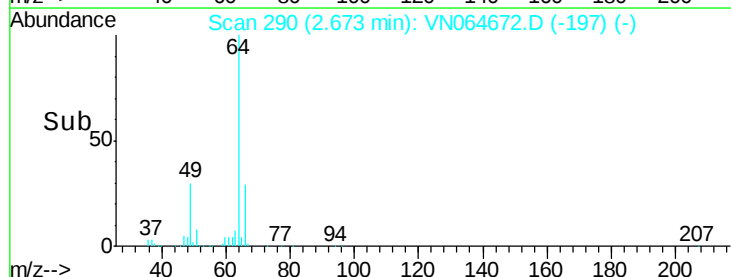
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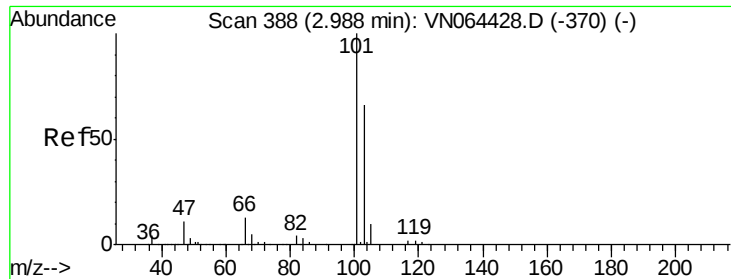
20000

0

Time-->

2.60 2.65 2.70 2.75 2.80



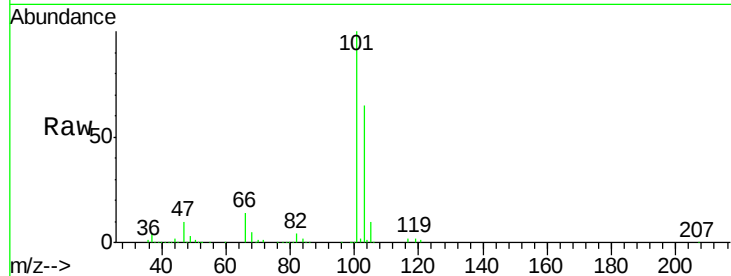


#7

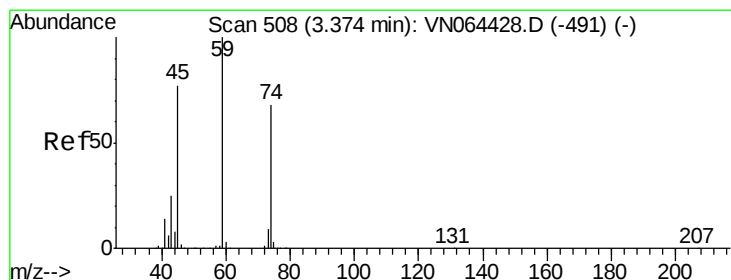
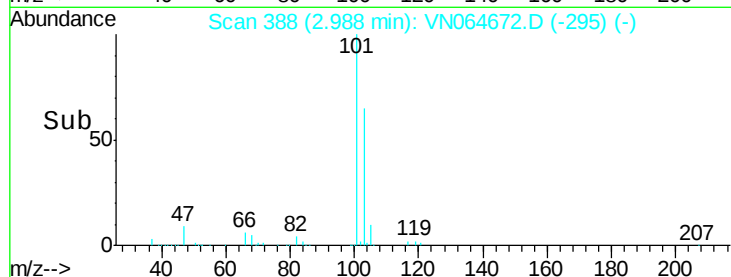
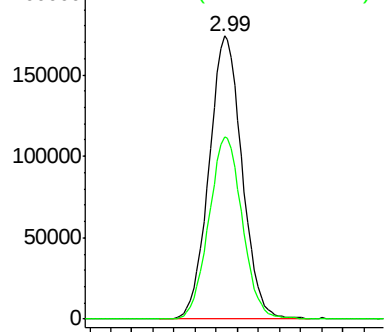
Trichlorofluoromethane
 Concen: 52.375 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064672.D
 Acq: 17 Nov 2020 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 377434
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.4 78.6



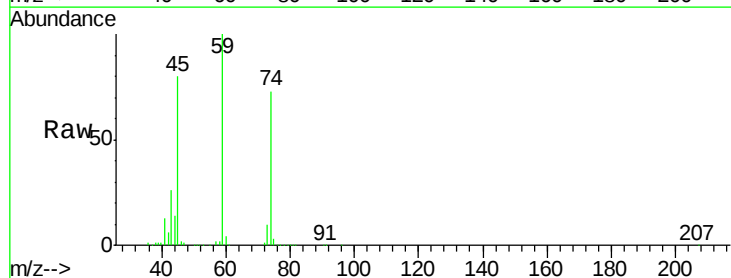
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



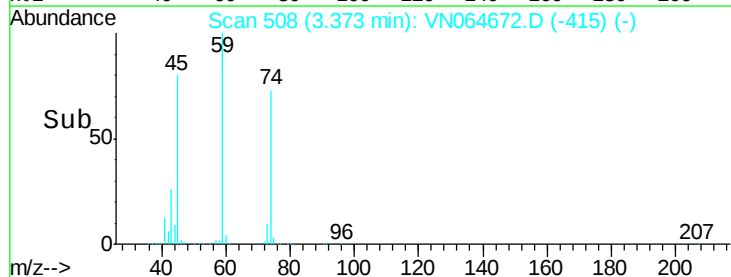
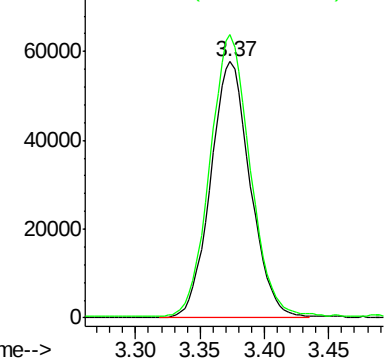
#8

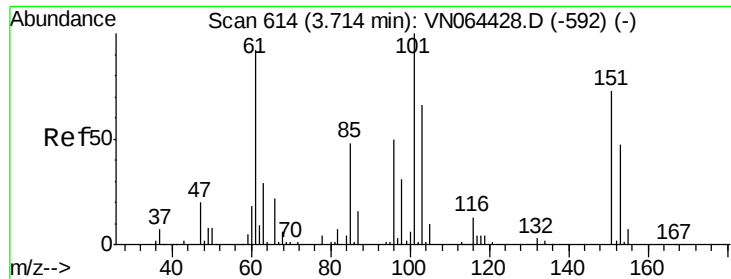
Diethyl Ether
 Concen: 48.528 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064672.D
 Acq: 17 Nov 2020 11:02

Tgt Ion: 74 Resp: 123497
 Ion Ratio Lower Upper
 74 100
 45 110.7 55.9 167.6



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.524 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064672.D

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VSTDCCC050

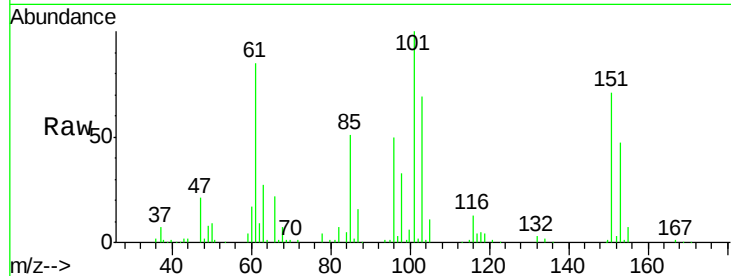
Tot Ion:101 Resp: 166055

Ion Ratio Lower Upper

101 100

85 48.1 38.6 57.8

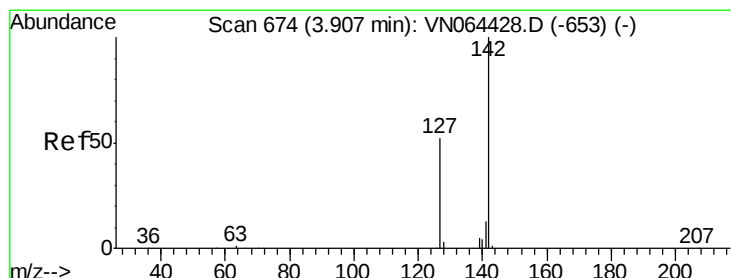
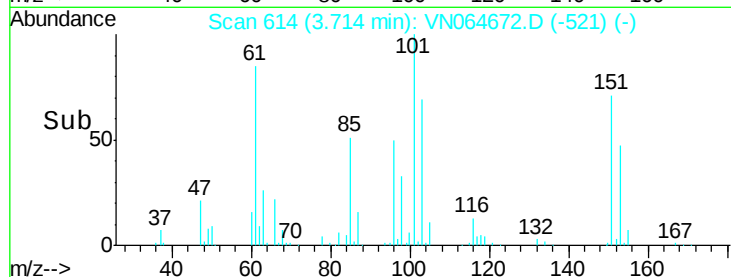
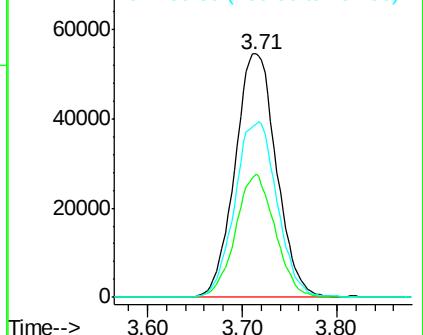
151 73.5 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.135 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

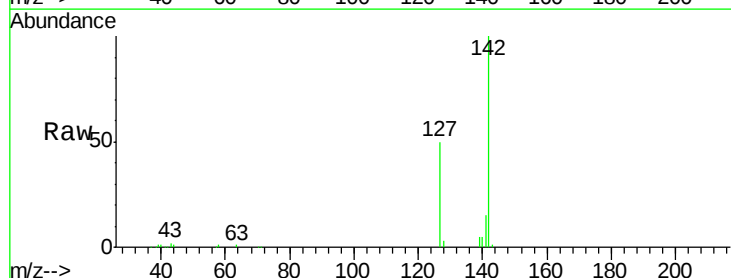
Tgt Ion:142 Resp: 179474

Ion Ratio Lower Upper

142 100

127 52.7 41.8 62.8

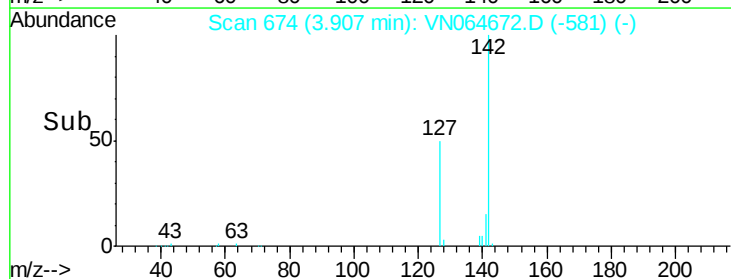
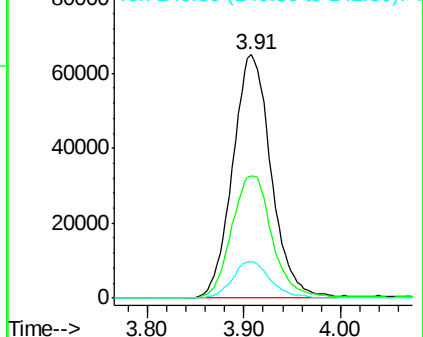
141 14.9 11.4 17.2

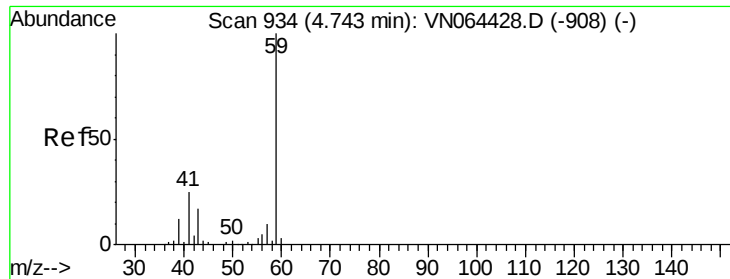


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



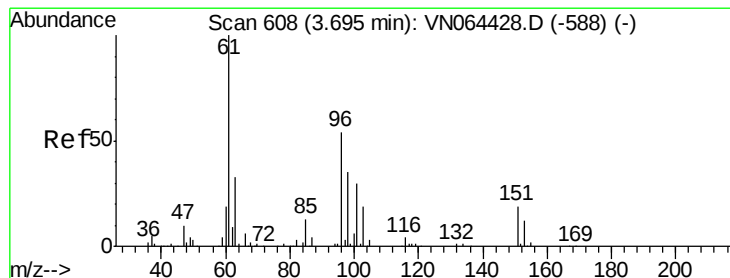
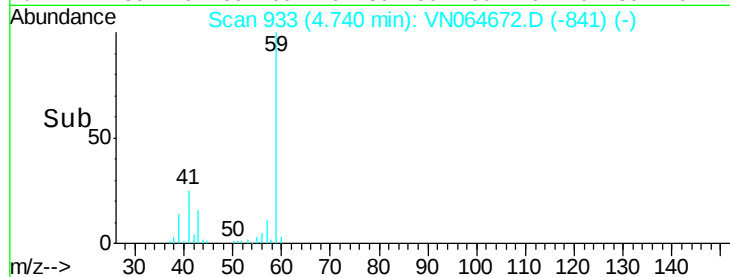
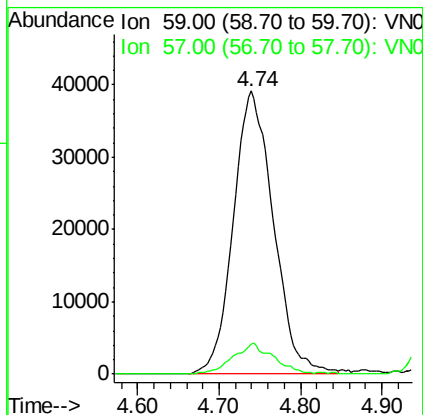
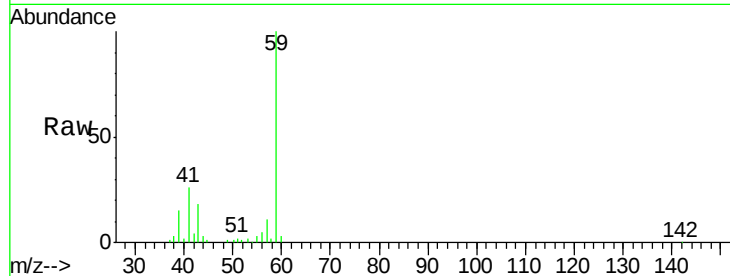


#11

Tert butyl alcohol
 Concen: 230.713 ug/l
 RT: 4.74 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: VN064672.D
 Acq: 17 Nov 2020 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

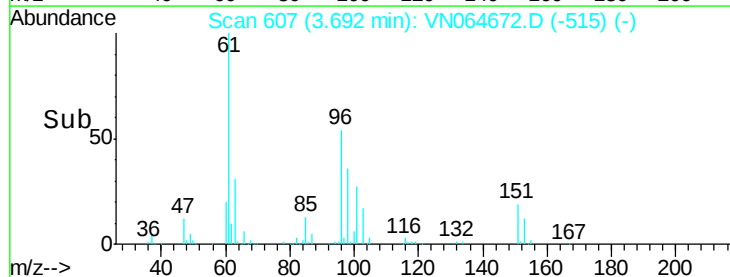
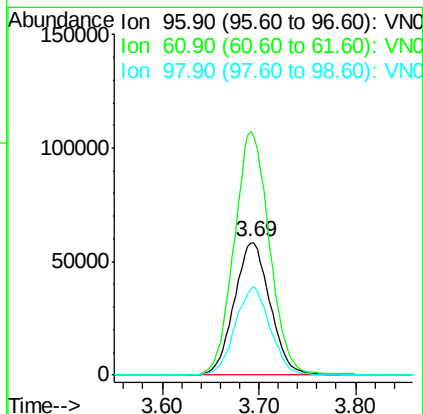
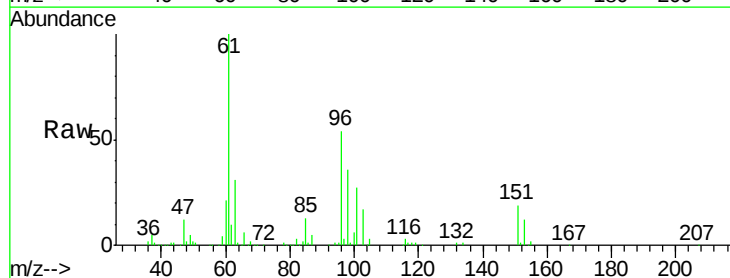
Tot Ion: 59 Resp: 133577
 Ion Ratio Lower Upper
 59 100
 57 11.1 9.0 13.4

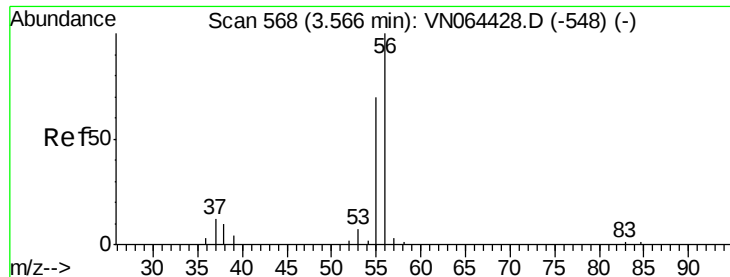


#12

1,1-Dichloroethene
 Concen: 46.764 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN064672.D
 Acq: 17 Nov 2020 11:02

Tgt Ion: 96 Resp: 150743
 Ion Ratio Lower Upper
 96 100
 61 183.7 149.5 224.3
 98 65.2 52.4 78.6





#13

Acrolein

Concen: 229.627 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

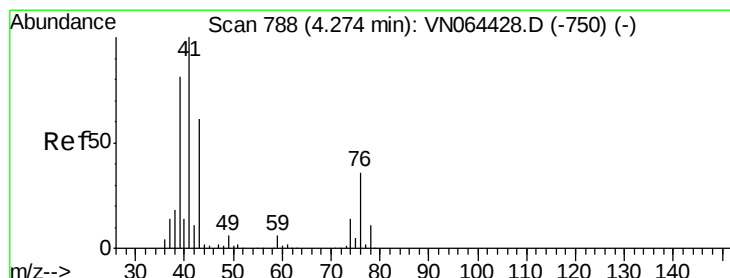
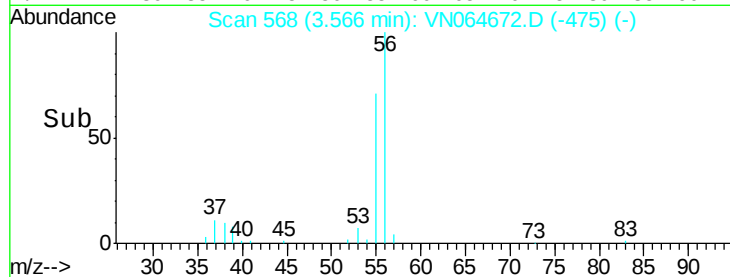
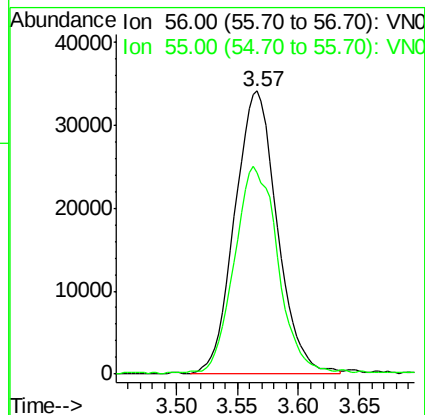
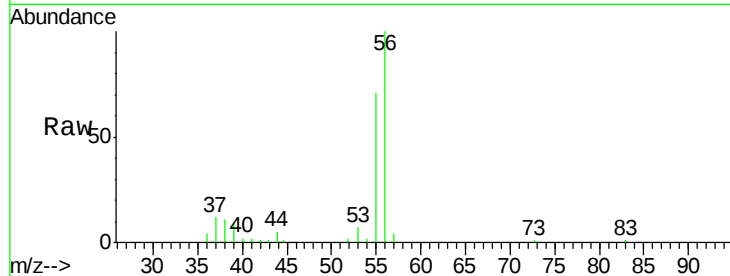
VSTDCCC050

Tot Ion: 56 Resp: 82466

Ion Ratio Lower Upper

56 100

55 73.9 55.9 83.9



#14

Allyl chloride

Concen: 43.381 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

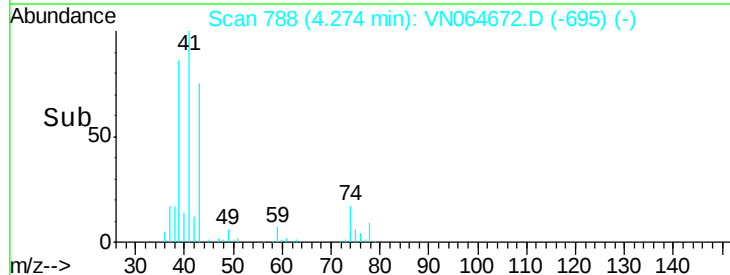
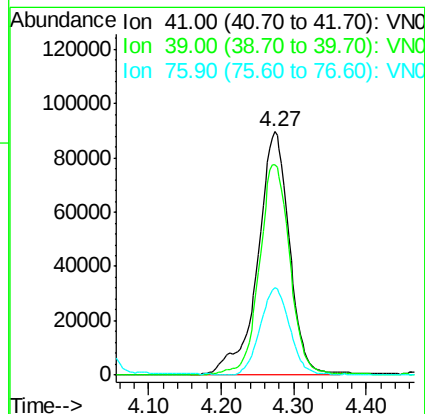
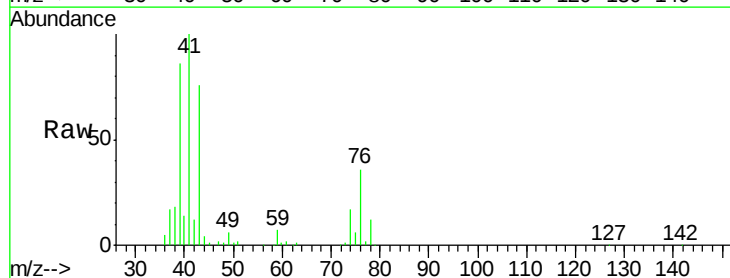
Tgt Ion: 41 Resp: 273554

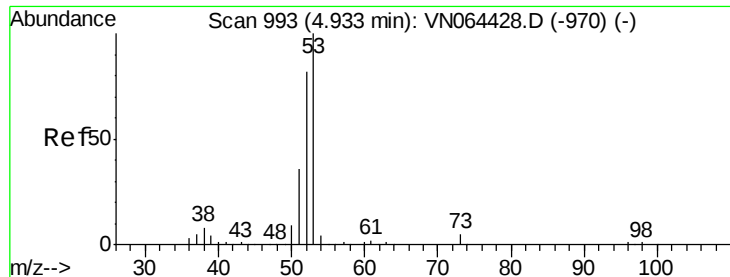
Ion Ratio Lower Upper

41 100

39 82.2 61.8 92.8

76 32.9 25.4 38.0





#15

Acrylonitrile

Concen: 244.703 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

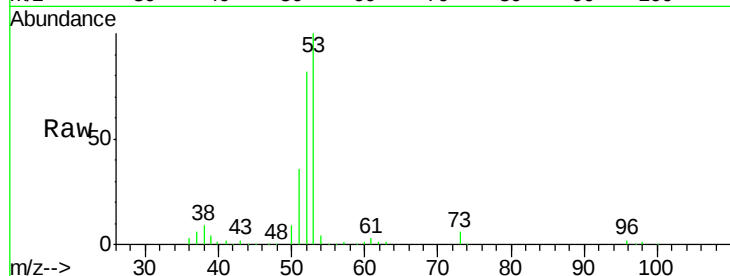
Tot Ion: 53 Resp: 394445

Ion Ratio Lower Upper

53 100

52 83.6 65.6 98.4

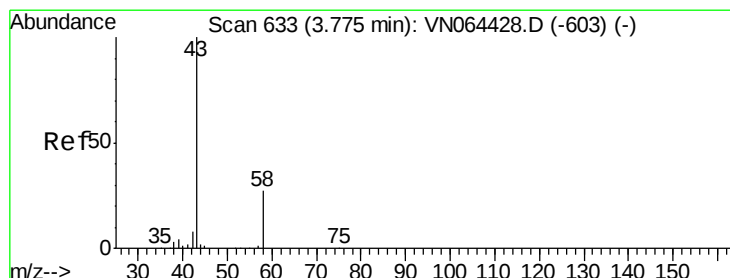
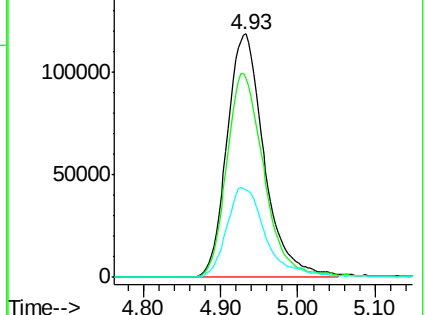
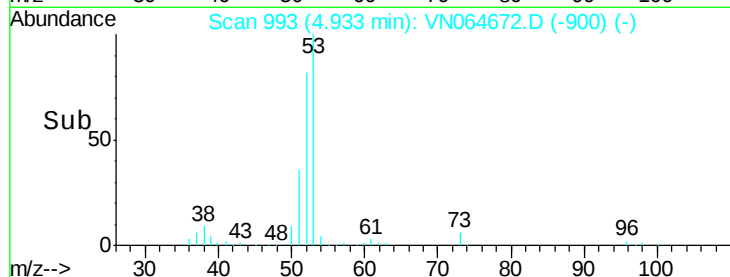
51 38.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064672.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064672.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064672.D (-900) (-)



#16

Acetone

Concen: 237.271 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064672.D

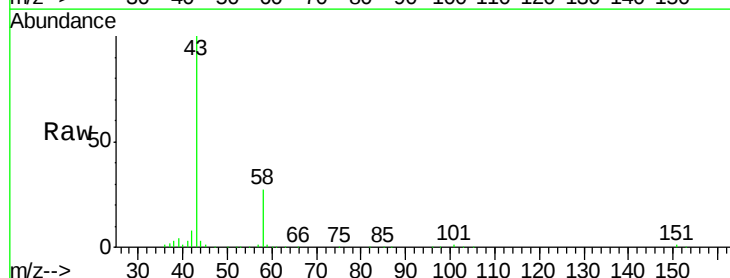
Acq: 17 Nov 2020 11:02

Tgt Ion: 43 Resp: 474507

Ion Ratio Lower Upper

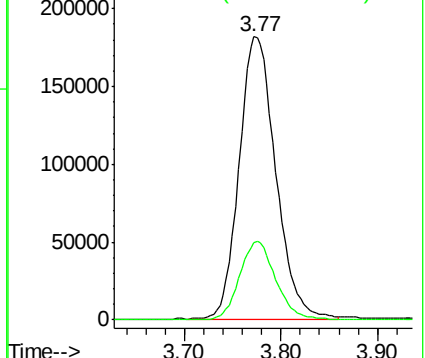
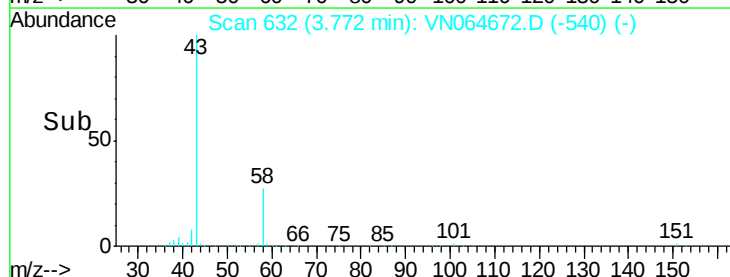
43 100

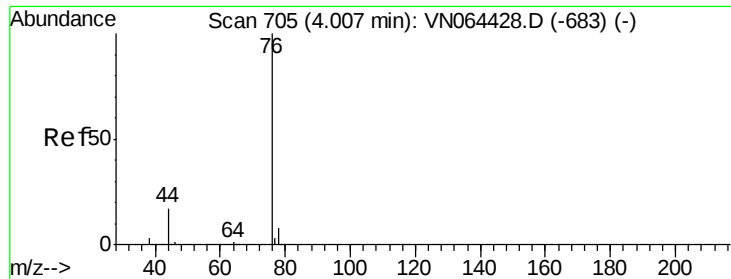
58 27.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064672.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064672.D (-540) (-)

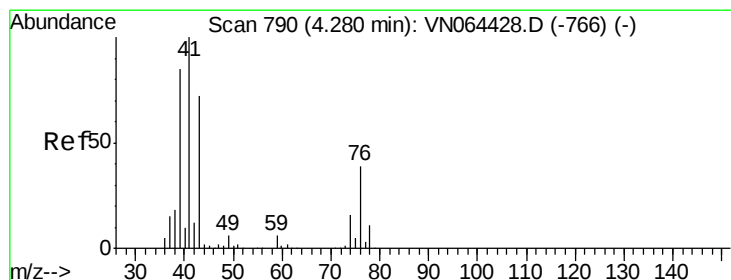
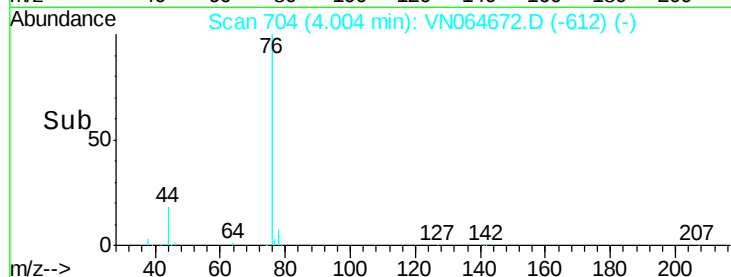
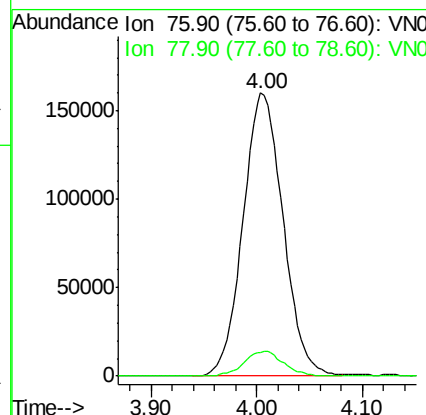
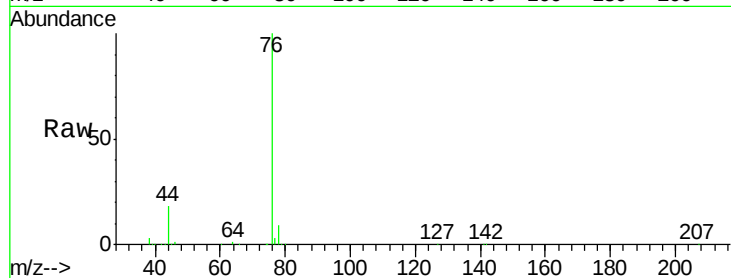




#17
Carbon Disulfide
Concen: 43.838 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

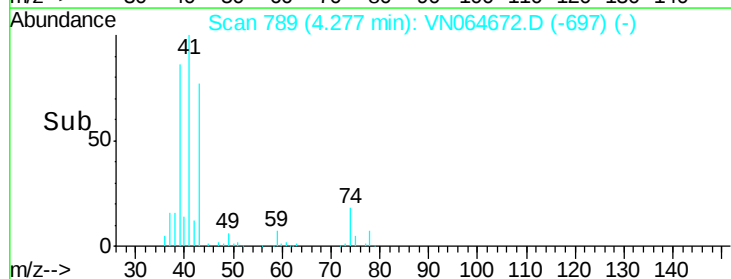
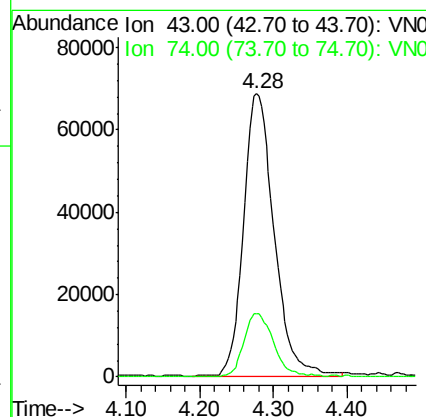
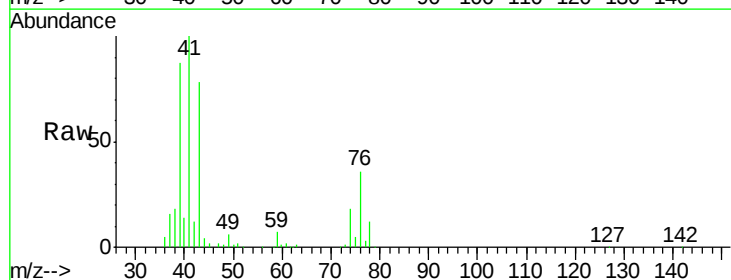
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

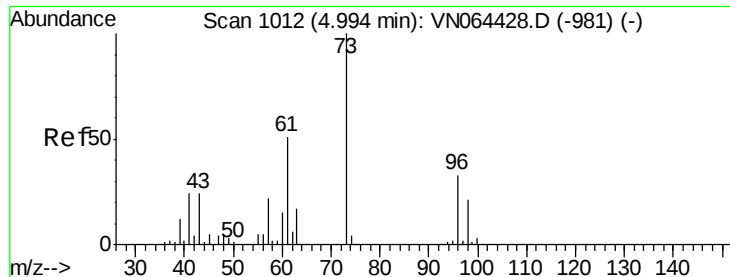
Tot Ion: 76 Resp: 422594
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 50.564 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion: 43 Resp: 198799
Ion Ratio Lower Upper
43 100
74 22.1 17.0 25.4

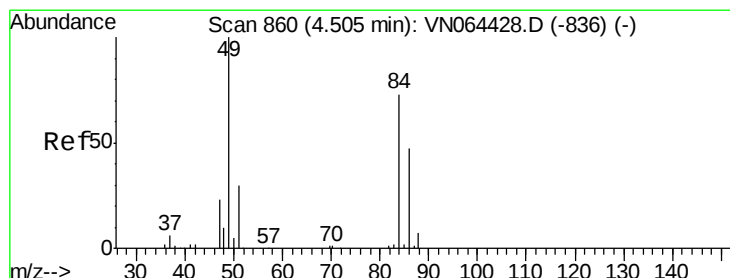
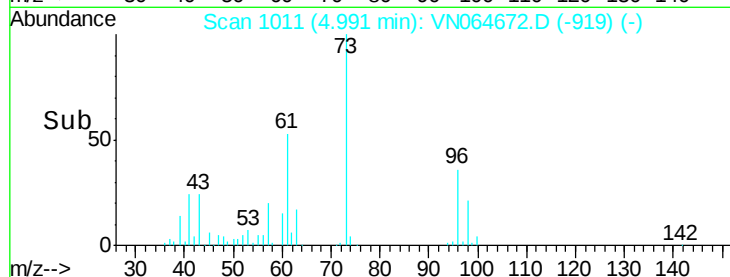
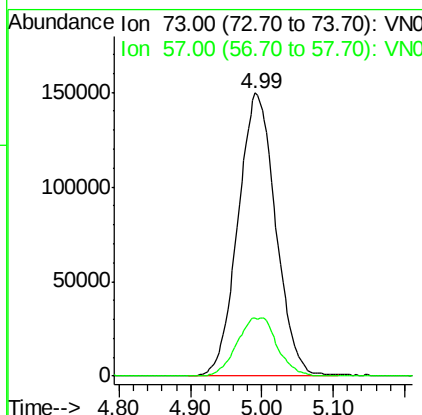
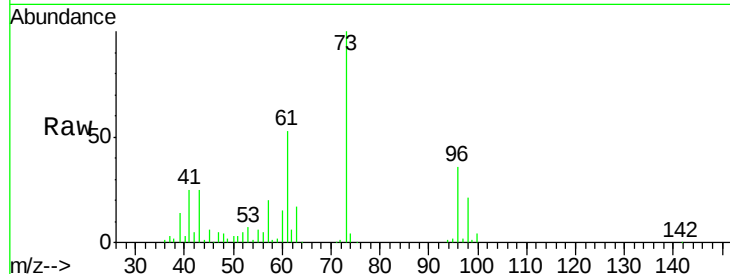




#19
Methyl tert-butyl Ether
Concen: 47.419 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

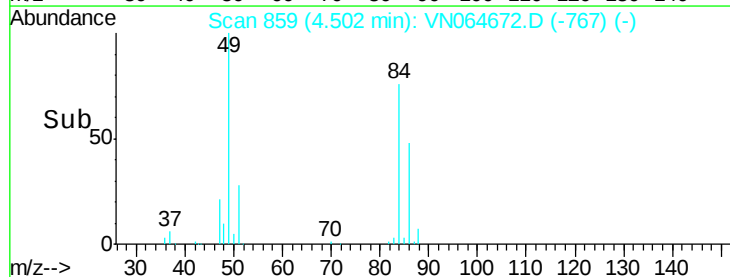
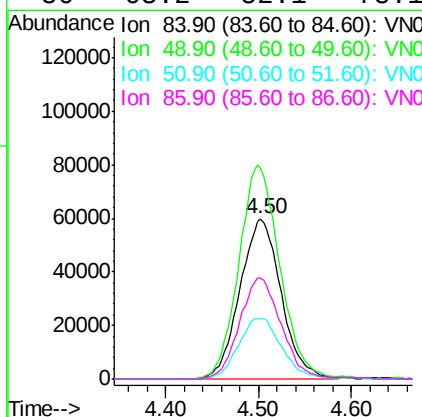
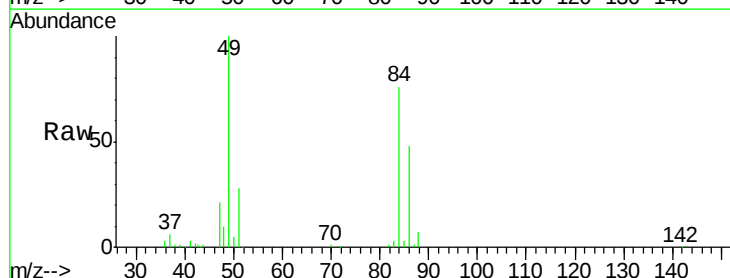
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

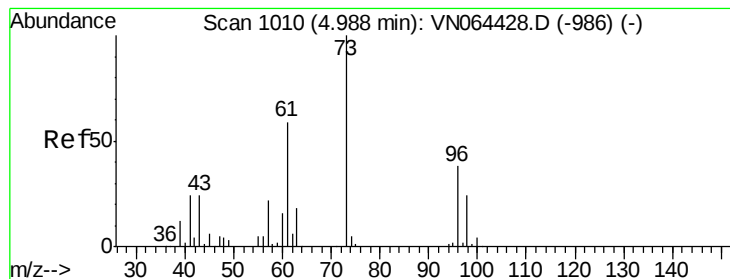
Tot Ion: 73 Resp: 550145
Ion Ratio Lower Upper
73 100
57 20.4 17.7 26.5



#20
Methylene Chloride
Concen: 46.527 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion: 84 Resp: 184612
Ion Ratio Lower Upper
84 100
49 131.2 110.1 165.1
51 37.2 33.6 50.4
86 63.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 47.846 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

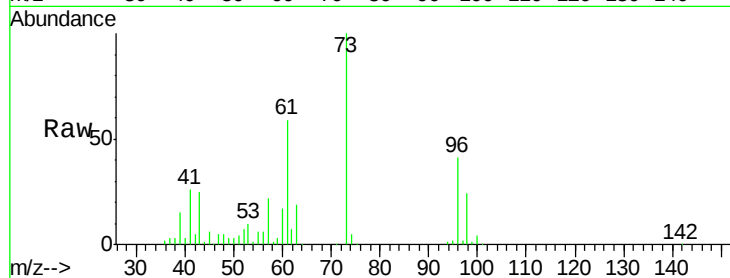
Tot Ion: 96 Resp: 175118

Ion Ratio Lower Upper

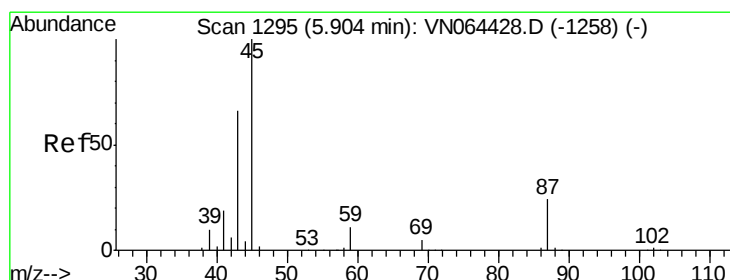
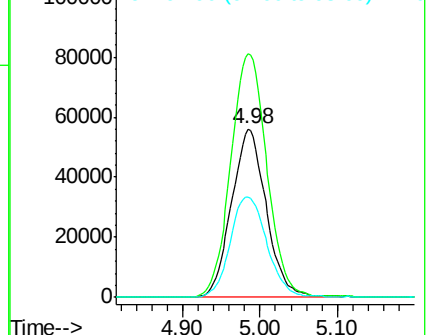
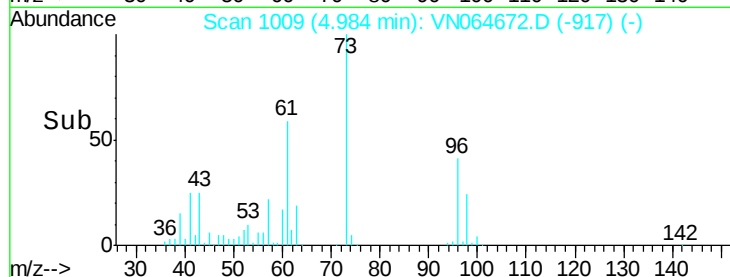
96 100

61 144.6 122.4 183.6

98 59.8 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN064672.D (-917) (-)



#22

Diisopropyl ether

Concen: 46.100 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Tgt Ion: 45 Resp: 617080

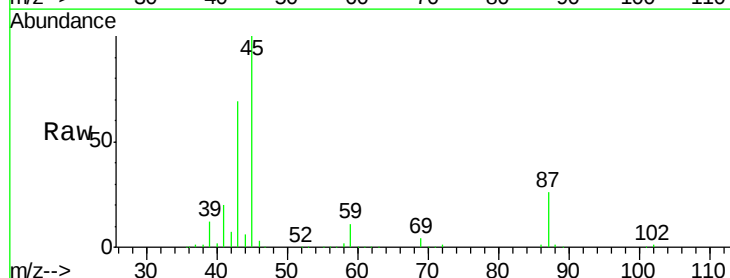
Ion Ratio Lower Upper

45 100

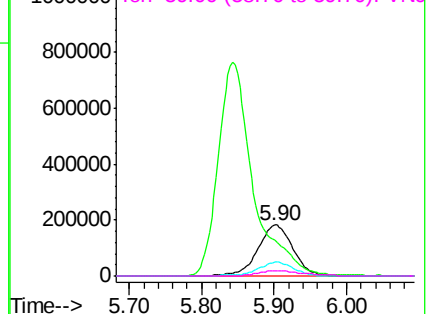
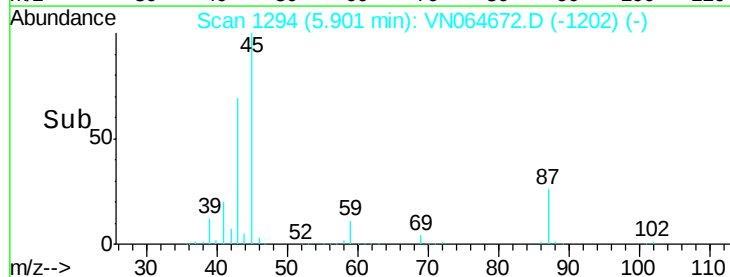
43 67.8 53.2 79.8

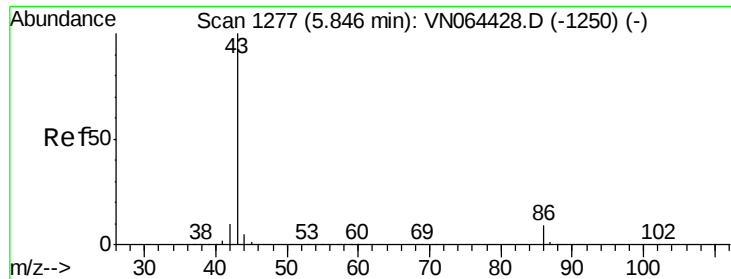
87 26.3 19.9 29.9

59 10.7 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VN064672.D (-1202) (-)





#23

Vinyl Acetate

Concen: 235.668 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

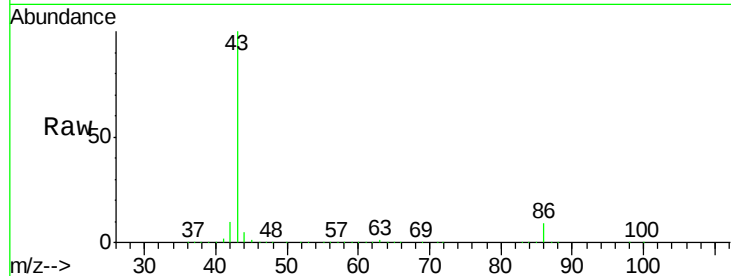
VSTDCCC050

Tot Ion: 43 Resp: 2566231

Ion Ratio Lower Upper

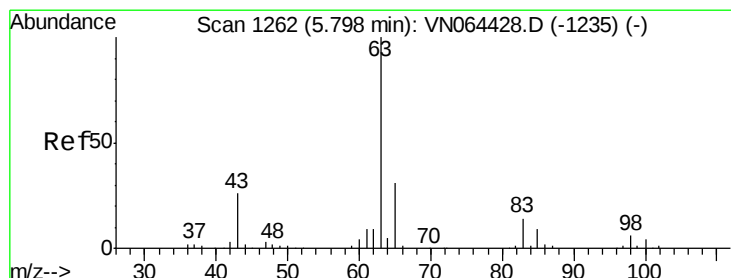
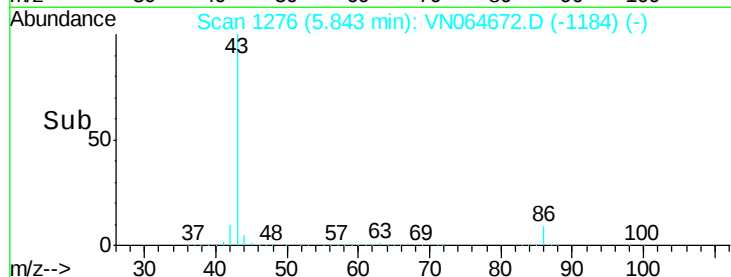
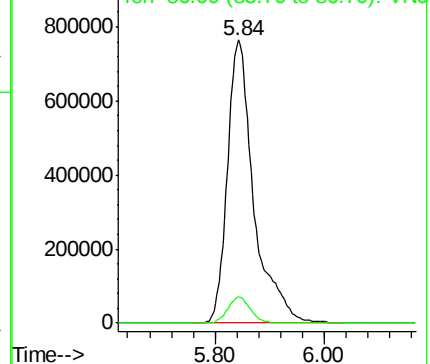
43 100

86 9.3 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.344 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

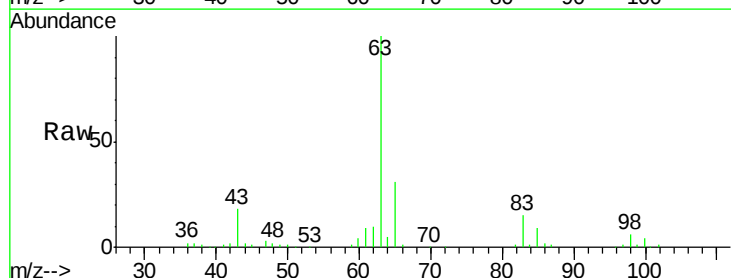
Tgt Ion: 63 Resp: 340879

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

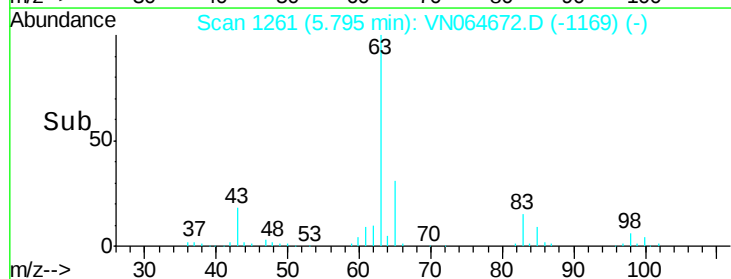
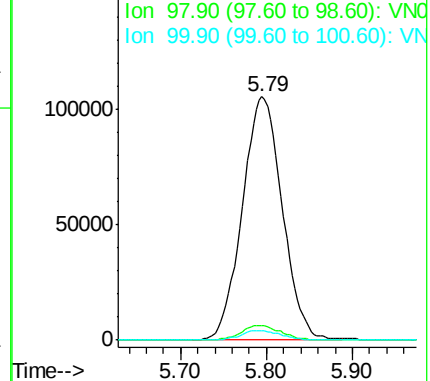
100 3.7 1.8 5.3

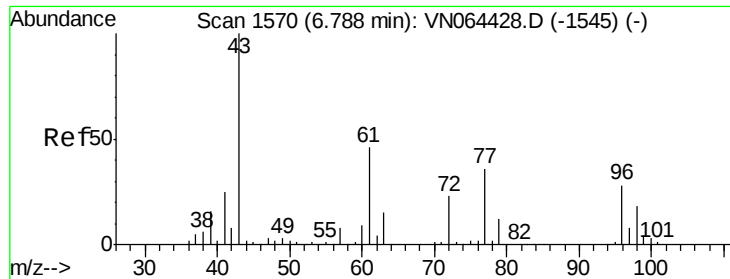


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 238.811 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

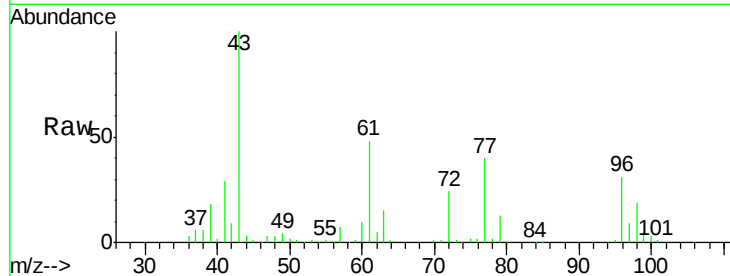
VSTDCCC050

Tot Ion: 43 Resp: 608513

Ion Ratio Lower Upper

43 100

72 24.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

250000

200000

150000

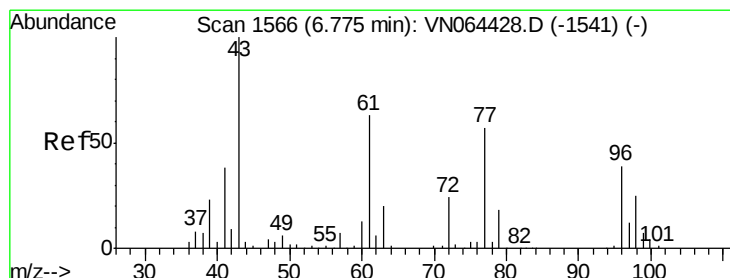
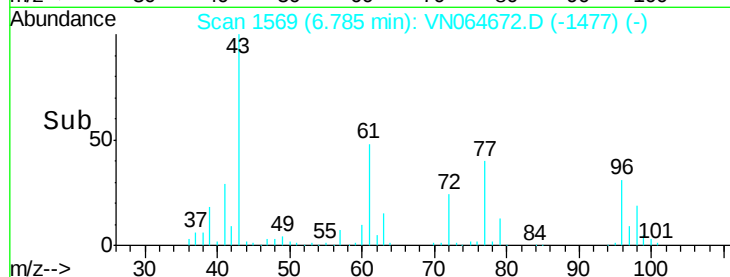
100000

50000

0

6.65 6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 49.422 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064672.D

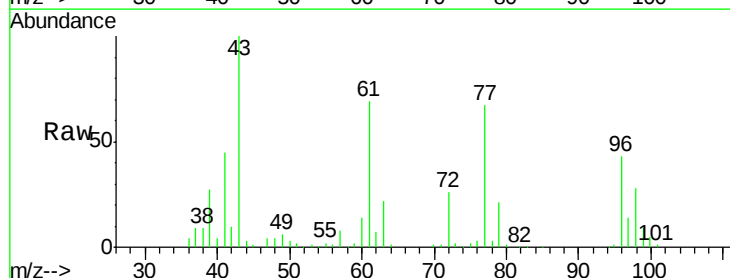
Acq: 17 Nov 2020 11:02

Tgt Ion: 77 Resp: 329076

Ion Ratio Lower Upper

77 100

97 21.1 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

120000

100000

80000

60000

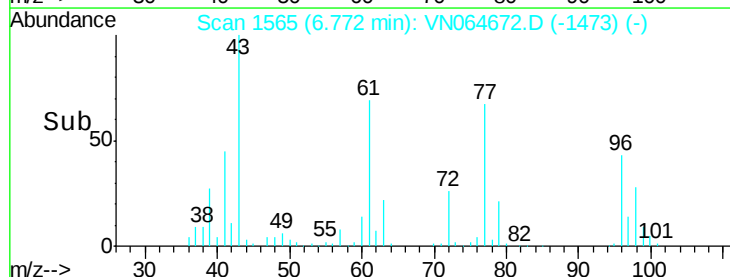
40000

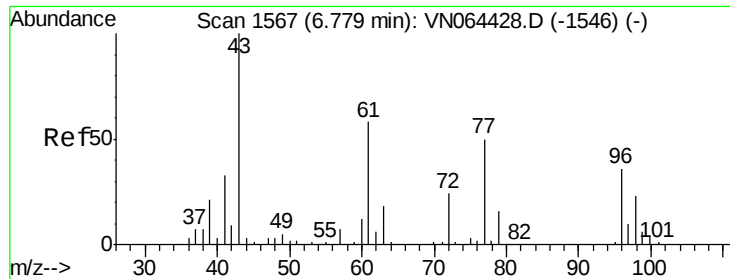
20000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.358 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

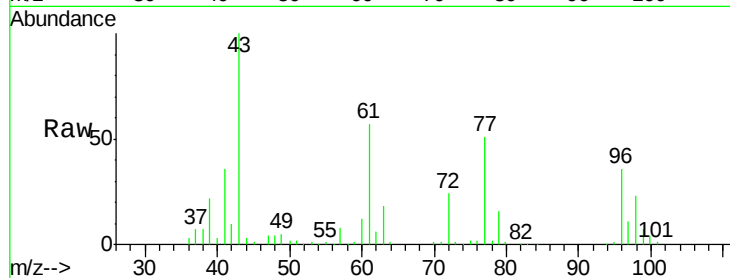
Tot Ion: 96 Resp: 200847

Ion Ratio Lower Upper

96 100

61 161.9 0.0 329.6

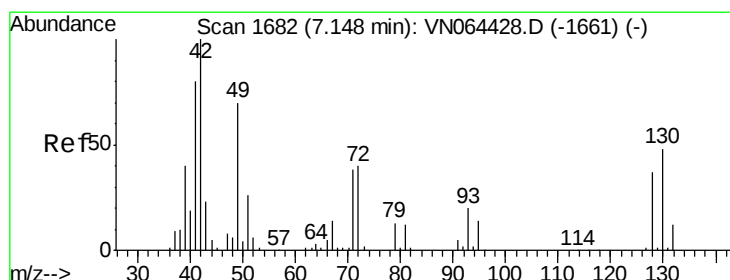
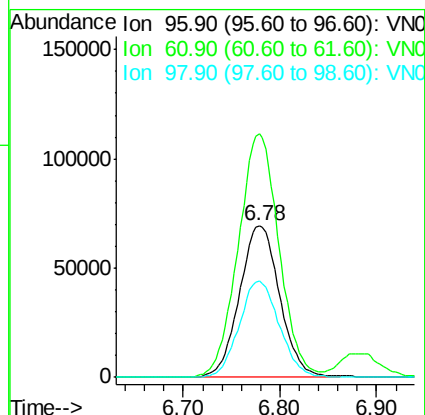
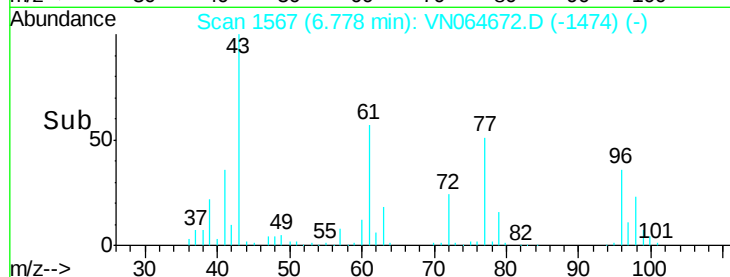
98 63.5 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064672.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064672.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064672.D (-1474) (-)



#28

Bromochloromethane

Concen: 45.113 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

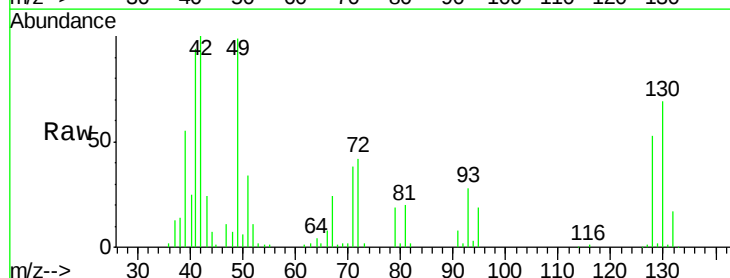
Tgt Ion: 49 Resp: 163105

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

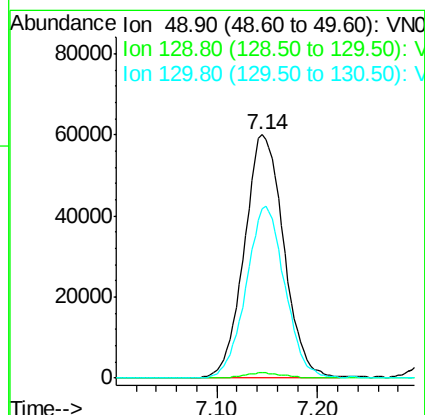
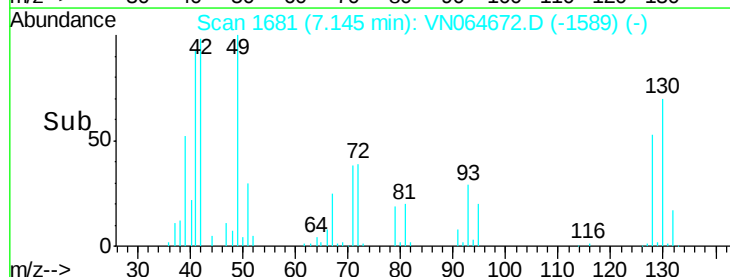
130 69.0 54.2 81.4

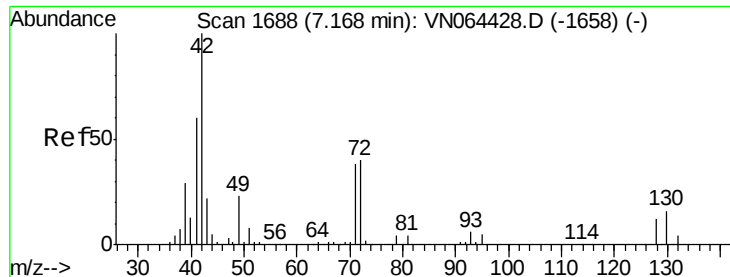


Abundance Ion 48.90 (48.60 to 49.60): VN064672.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064672.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064672.D (-1589) (-)





#29

Tetrahydrofuran

Concen: 228.675 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

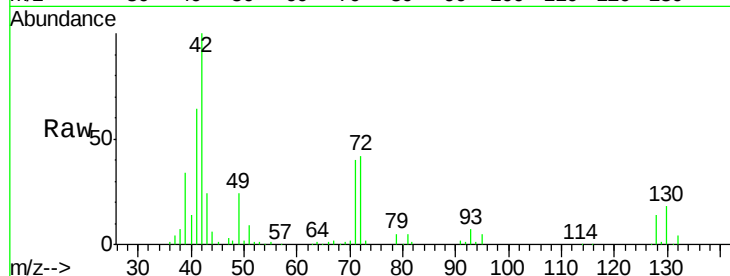
Tot Ion: 42 Resp: 357491

Ion Ratio Lower Upper

42 100

72 41.9 31.7 47.5

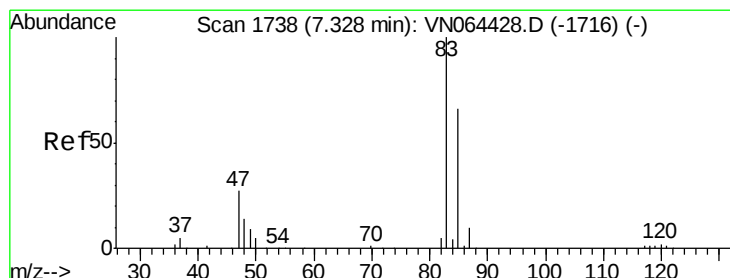
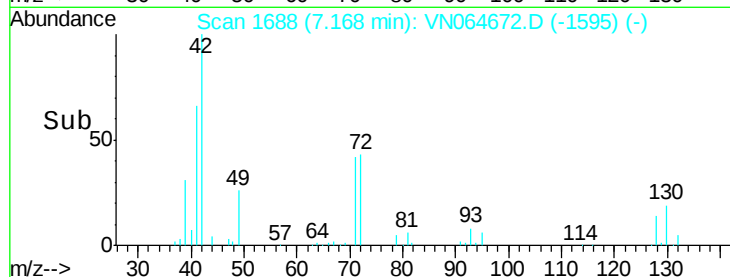
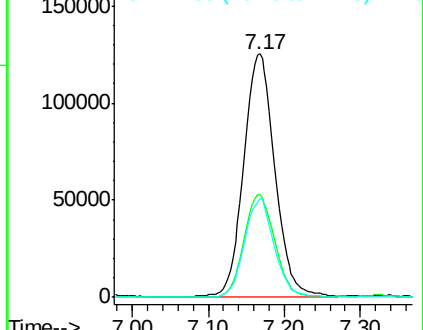
71 38.9 29.8 44.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.302 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064672.D

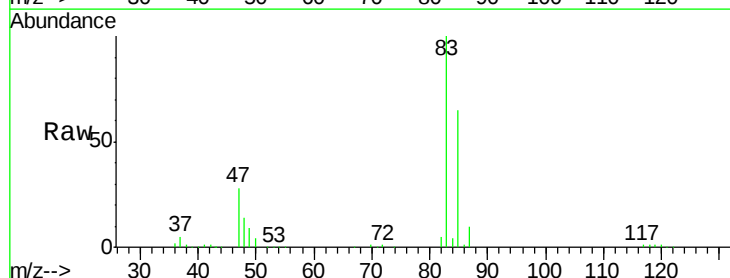
Acq: 17 Nov 2020 11:02

Tgt Ion: 83 Resp: 381187

Ion Ratio Lower Upper

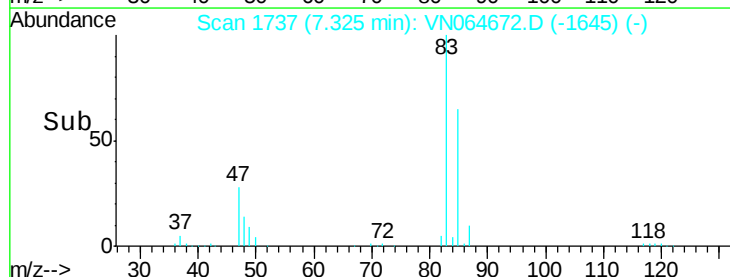
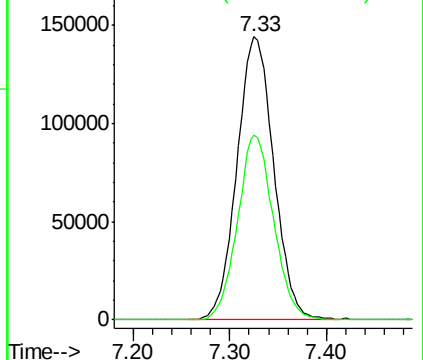
83 100

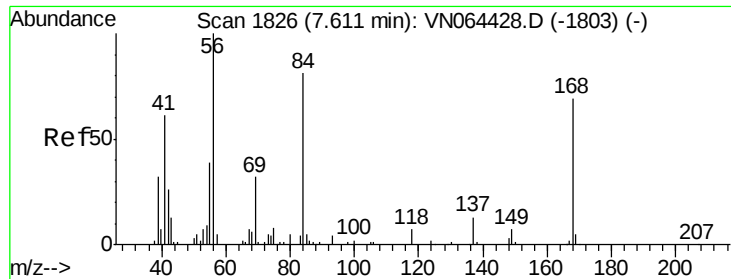
85 65.2 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

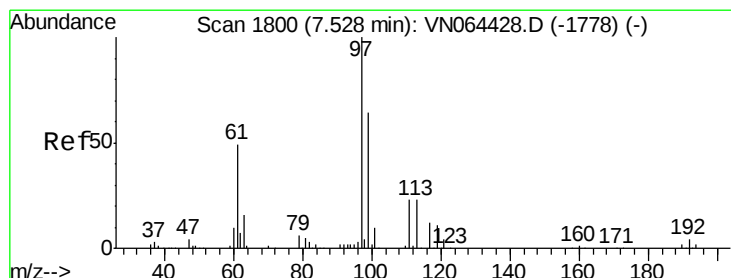
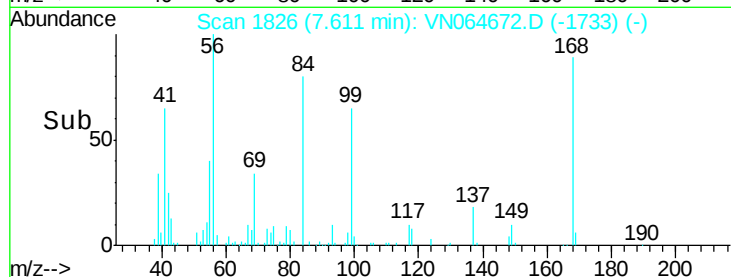
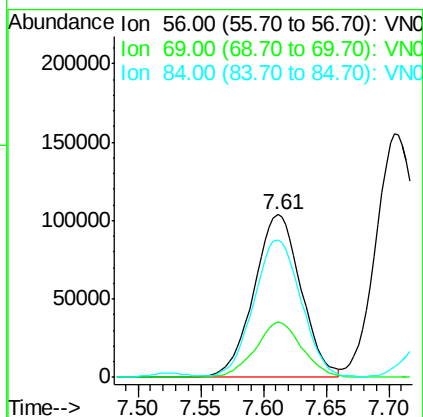
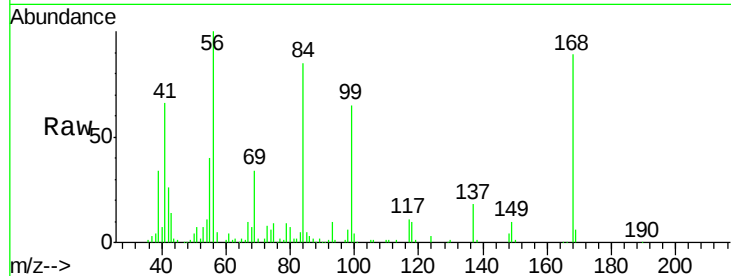




#31
Cyclohexane
Concen: 42.473 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

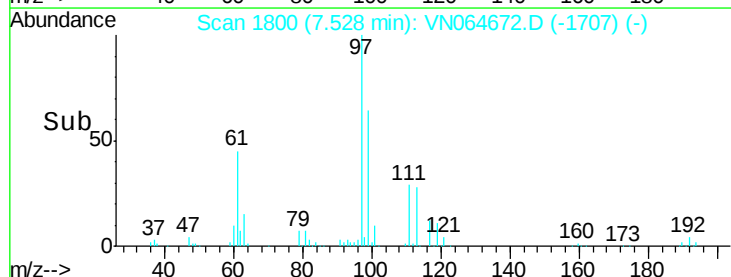
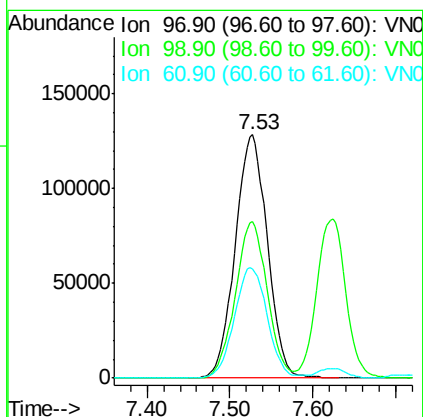
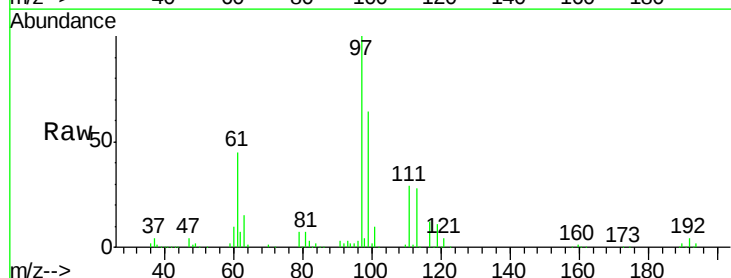
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

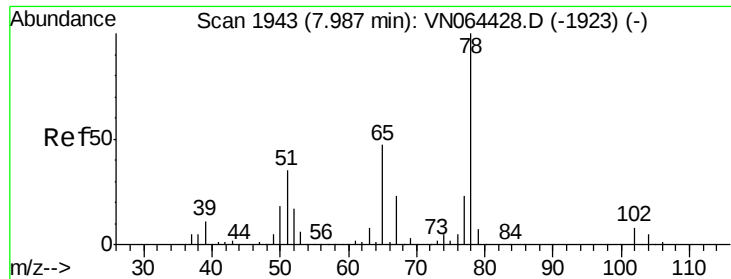
Tot Ion: 56 Resp: 271062
Ion Ratio Lower Upper
56 100
69 33.4 25.6 38.4
84 83.4 63.0 94.6



#32
1,1,1-Trichloroethane
Concen: 50.516 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion: 97 Resp: 346419
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 46.4 39.1 58.7





#33

1,2-Dichloroethane-d4

Concen: 47.615 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

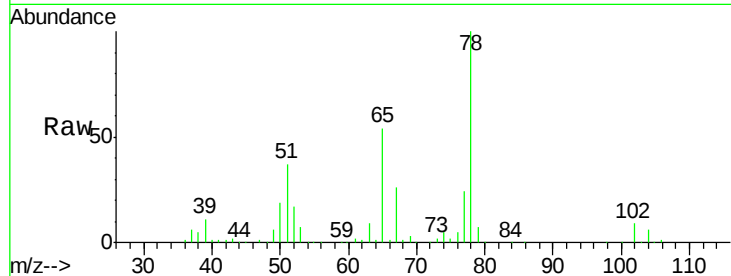
VSTDCCC050

Tot Ion: 65 Resp: 249981

Ion Ratio Lower Upper

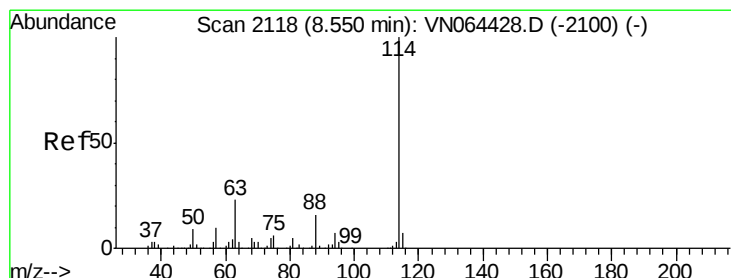
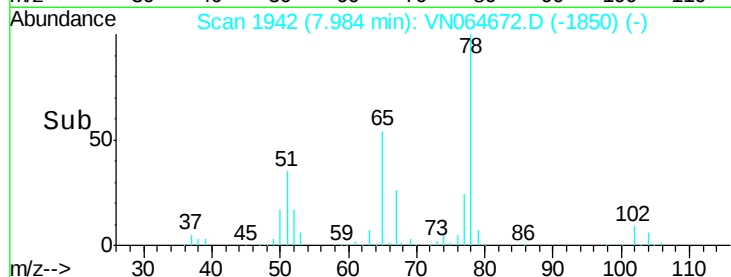
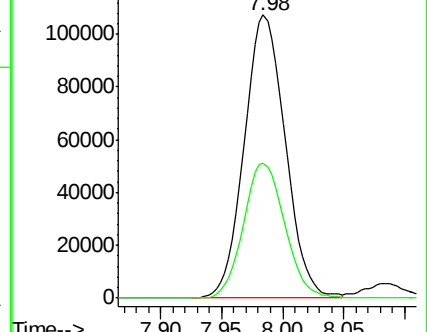
65 100

67 48.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

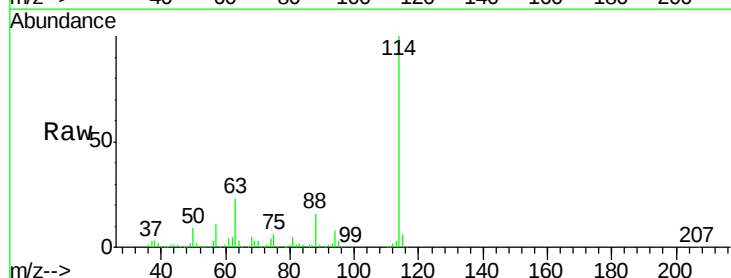
Tgt Ion: 114 Resp: 497637

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

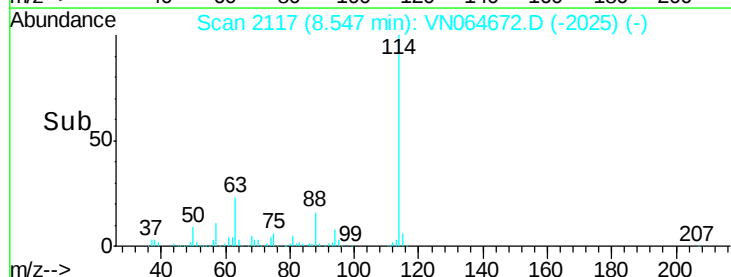
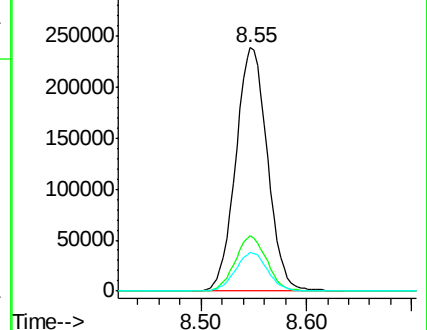
88 15.9 0.0 32.8

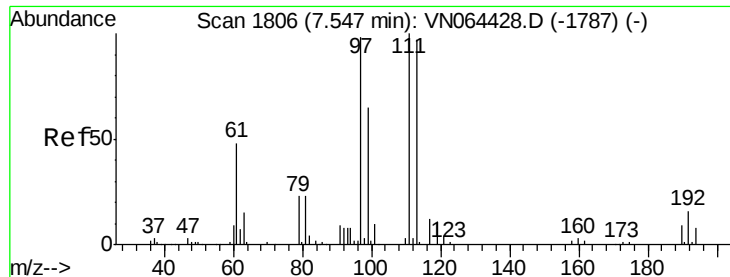


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

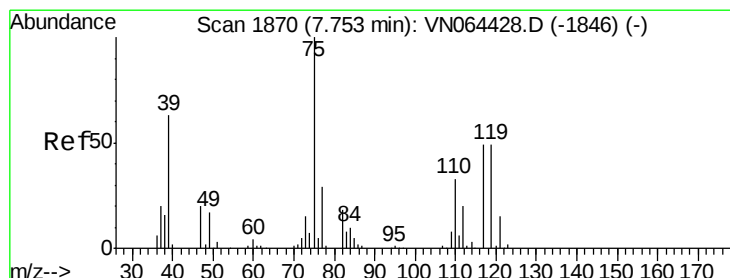
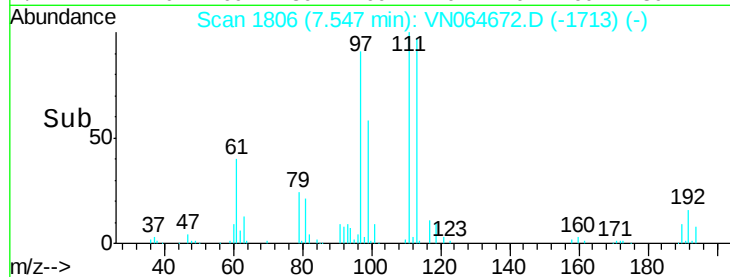
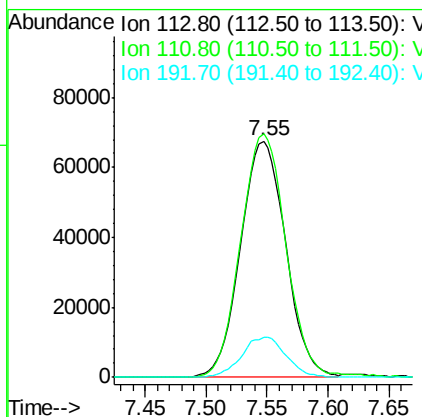
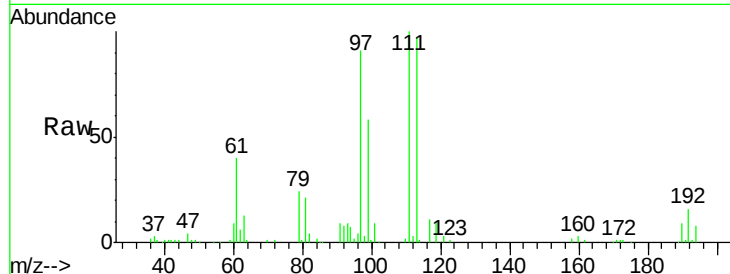




#35
 Dibromofluoromethane
 Concen: 51.046 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064672.D
 Acq: 17 Nov 2020 11:02

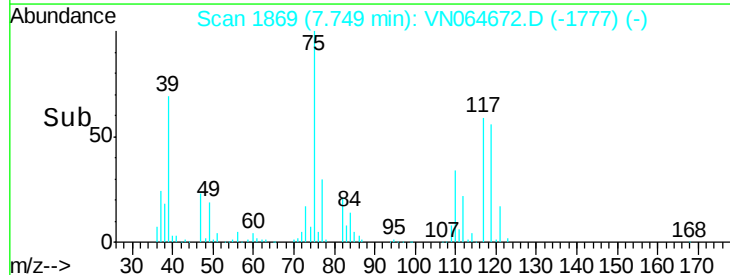
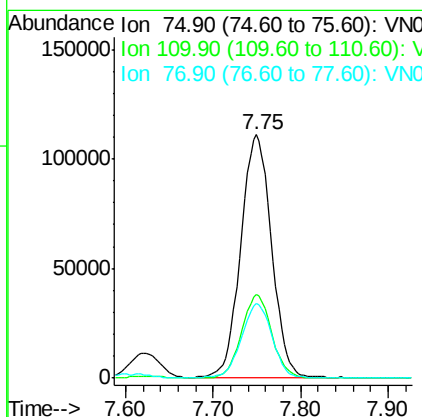
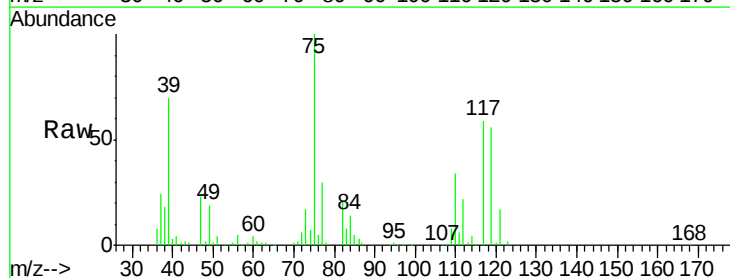
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

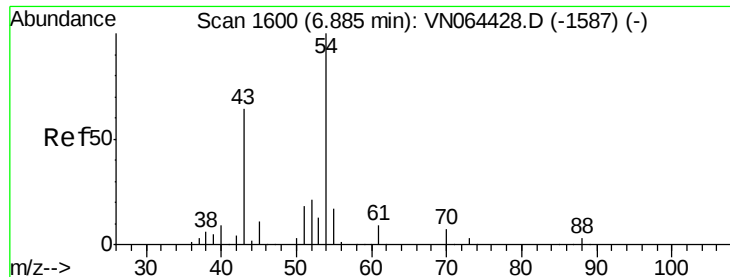
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.1	121.7
192	16.9	12.8	19.2



#36
 1,1-Dichloropropene
 Concen: 51.503 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064672.D
 Acq: 17 Nov 2020 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.0	48.0
77	30.6	24.0	36.0

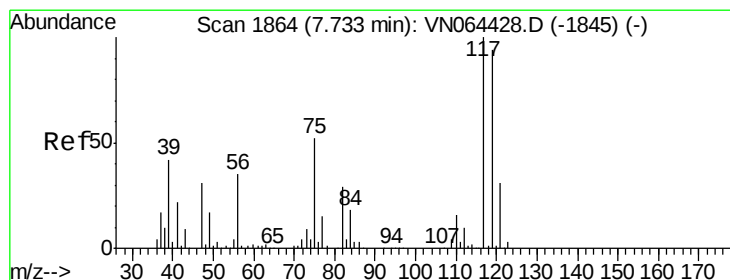
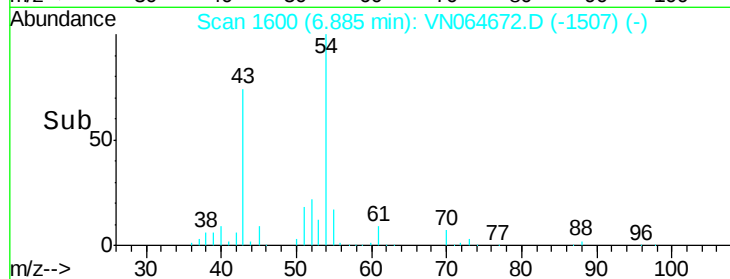
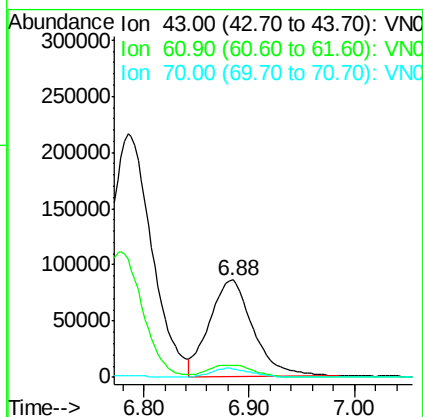
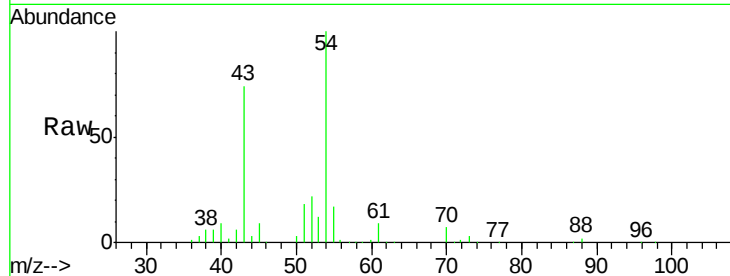




#37
Ethyl Acetate
Concen: 45.894 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

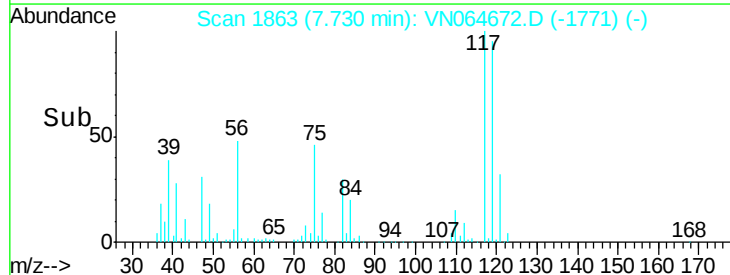
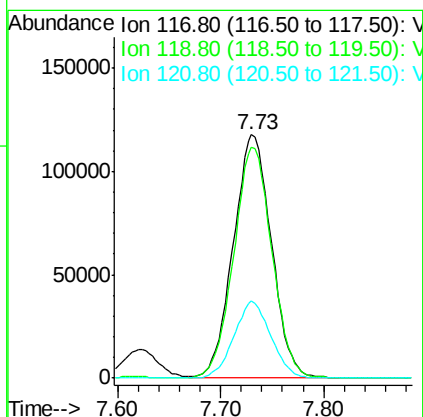
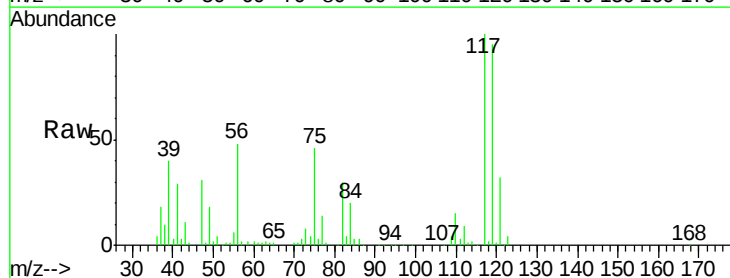
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

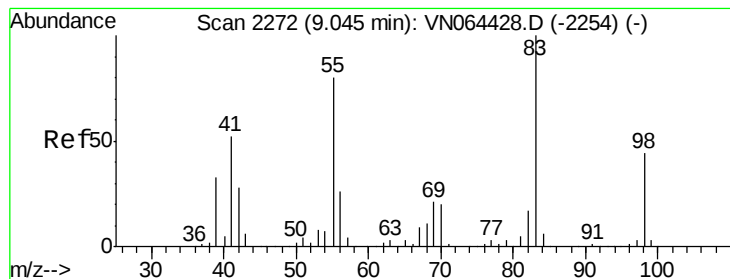
Tot Ion: 43 Resp: 244536
Ion Ratio Lower Upper
43 100
61 12.7 10.0 15.0
70 8.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 53.690 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion: 117 Resp: 301663
Ion Ratio Lower Upper
117 100
119 94.5 75.5 113.3
121 31.7 24.4 36.6





#39

Methvlcvclohexane

Concen: 54.176 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

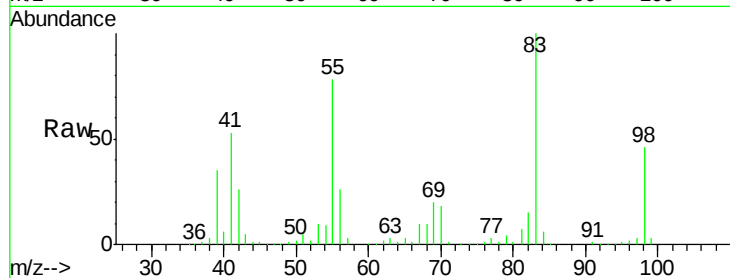
Tot Ion: 83 Resp: 255317

Ion Ratio Lower Upper

83 100

55 78.3 63.8 95.6

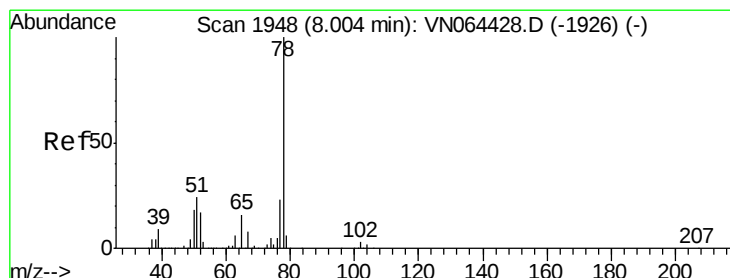
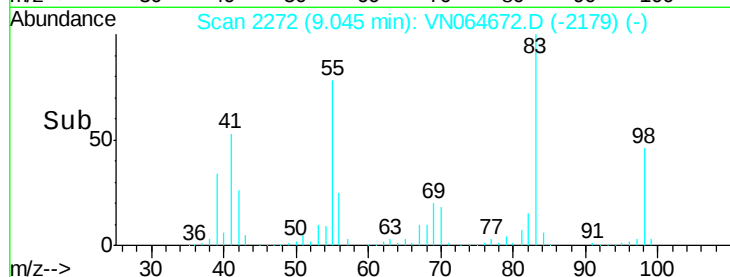
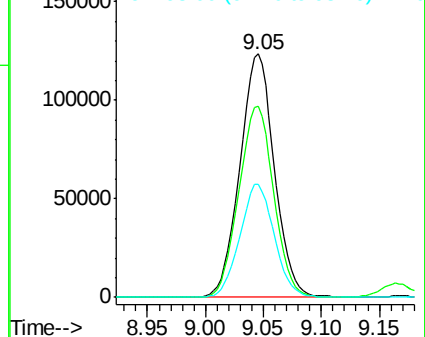
98 46.3 35.4 53.2



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 49.650 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064672.D

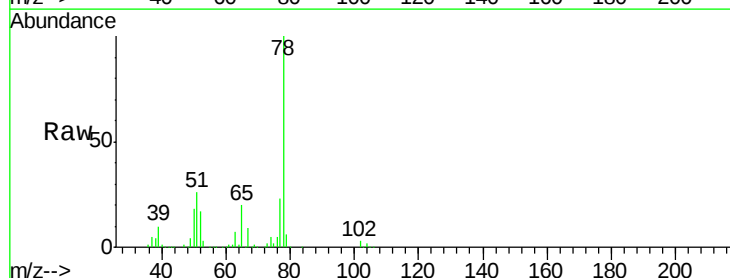
Acq: 17 Nov 2020 11:02

Tgt Ion: 78 Resp: 767012

Ion Ratio Lower Upper

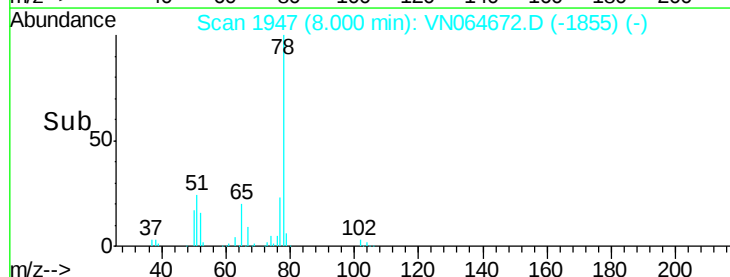
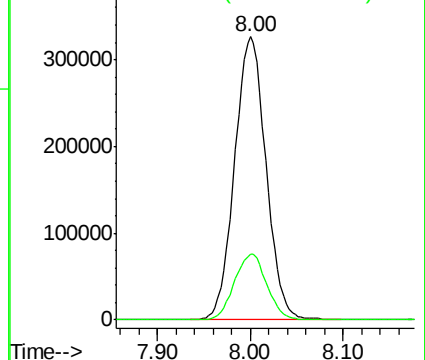
78 100

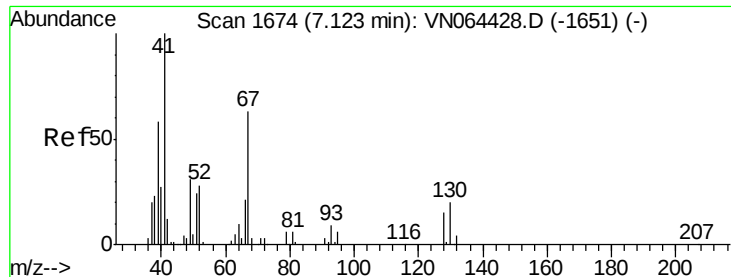
77 23.2 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

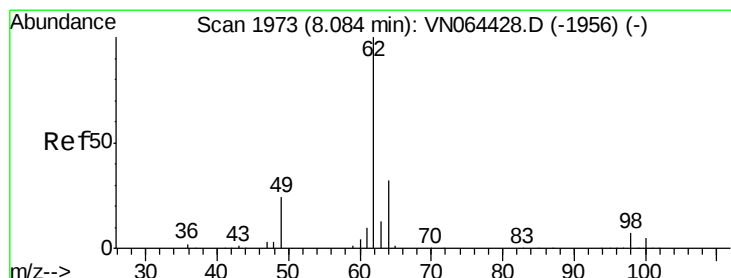
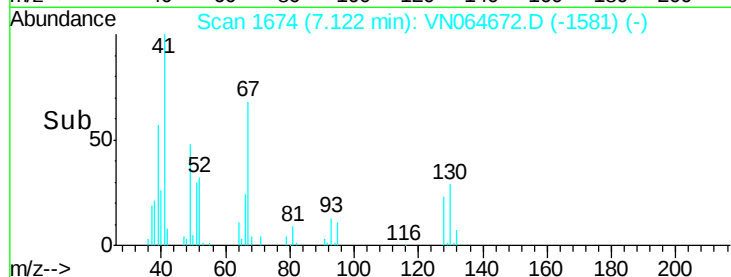
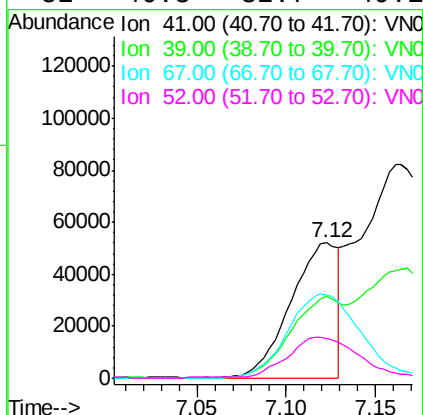
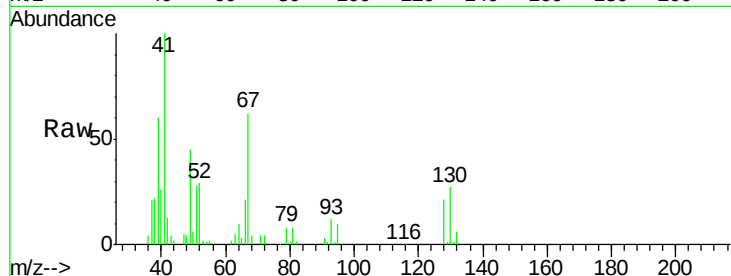




#41
Methacrylonitrile
Concen: 40.942 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

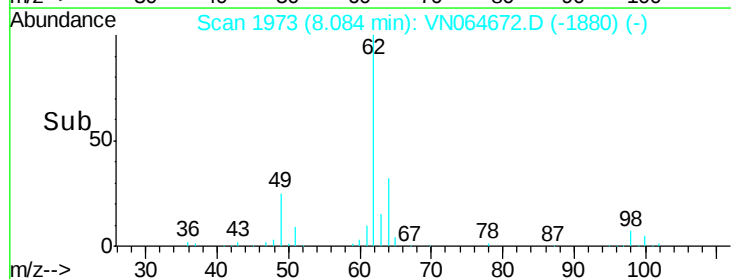
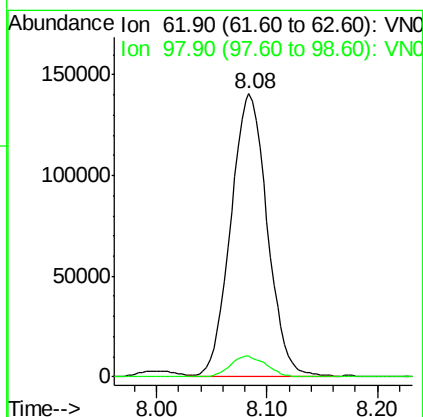
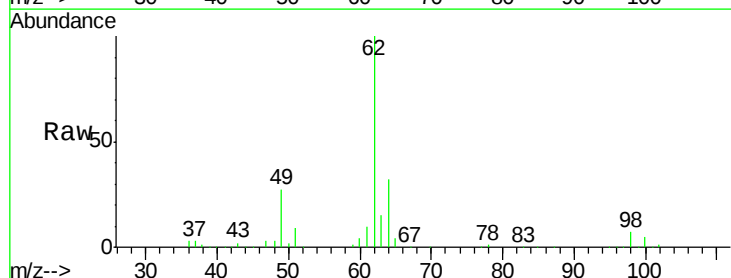
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

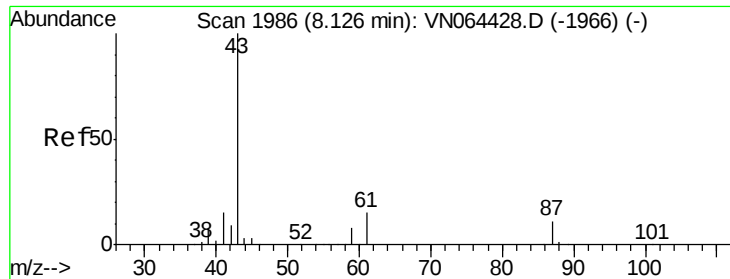
Tot Ion:	41	Resp:	95425
Ion	Ratio	Lower	Upper
41	100		
39	65.7	50.0	75.0
67	95.7	68.3	102.5
52	46.3	32.7	49.1



#42
1,2-Dichloroethane
Concen: 51.487 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion:	62	Resp:	320983
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	14.0





#43

Isopropyl Acetate

Concen: 49.677 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

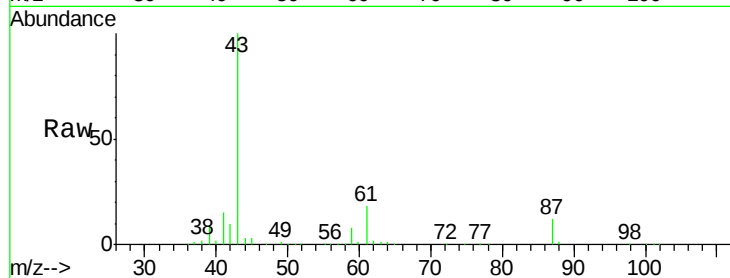
MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 423234

Ion	Ratio	Lower	Upper
43	100		
61	24.8	14.0	21.0#
87	11.8	9.1	13.7

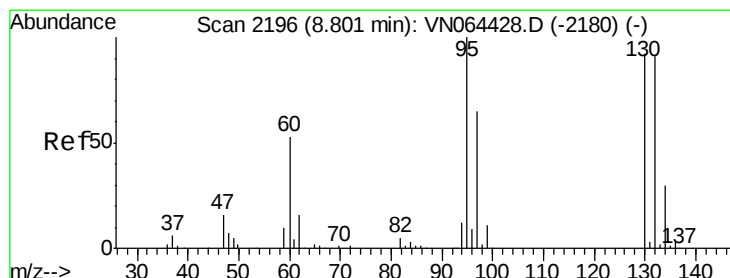
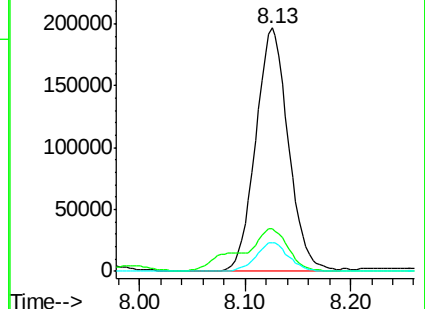
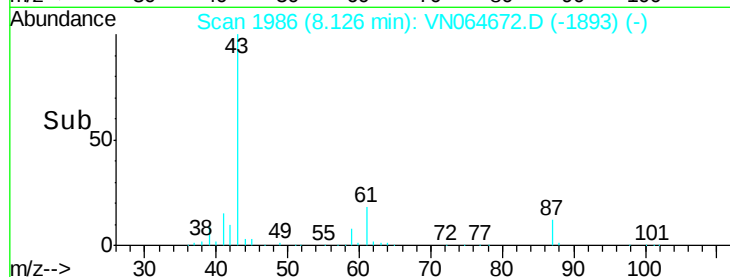


Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

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: 51.379 ug/l

RT: 8.80 min Scan# 2195

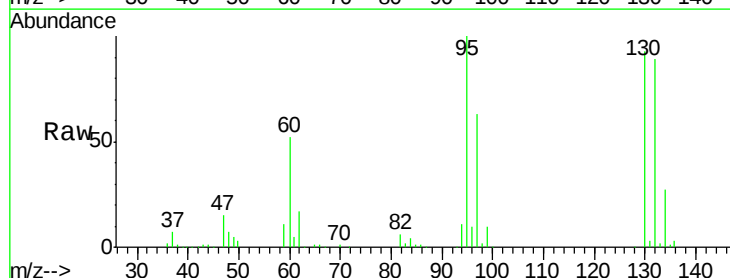
Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Tgt Ion: 130 Resp: 200253

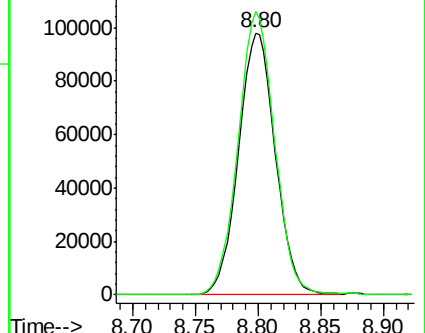
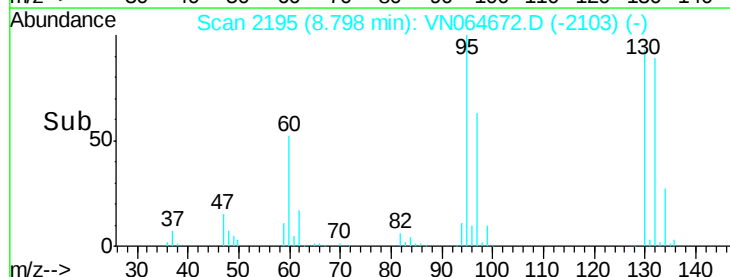
Ion	Ratio	Lower	Upper
130	100		
95	108.0	0.0	216.8

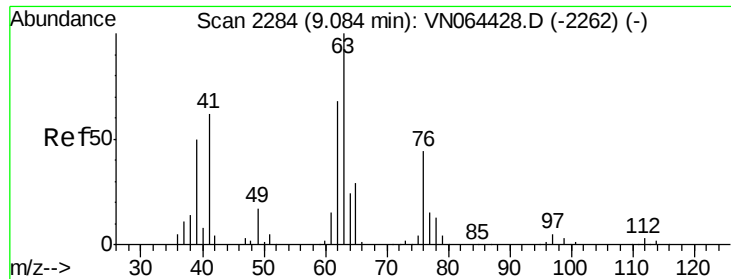


Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

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

Time-->





#45

1,2-Dichloropropane

Concen: 51.483 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

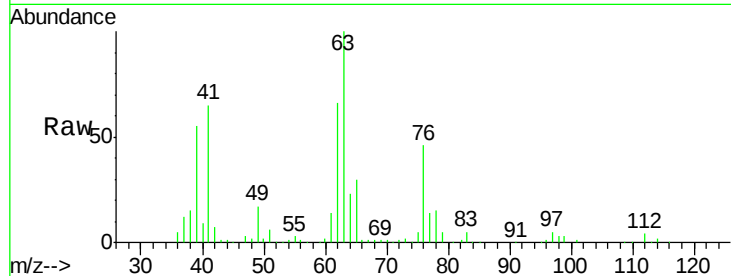
VSTDCCC050

Tot Ion: 63 Resp: 212210

Ion Ratio Lower Upper

63 100

65 30.5 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VN064428.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN064428.D (-2262) (-)

9.08

120000

100000

80000

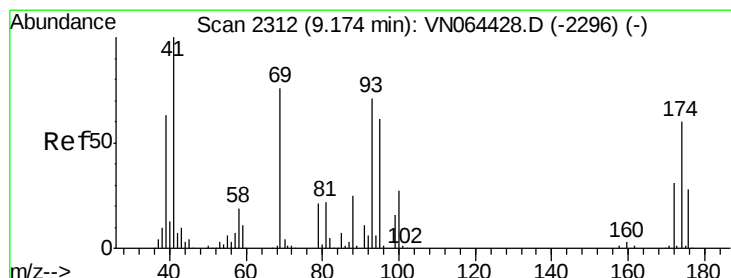
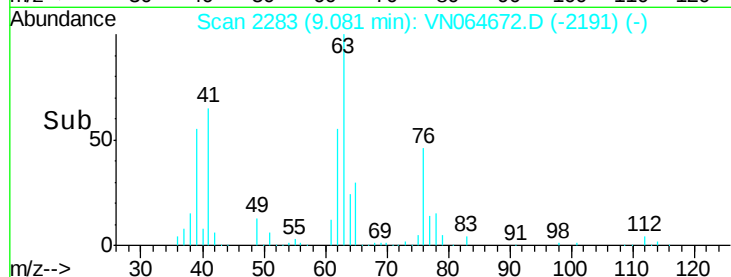
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 54.041 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

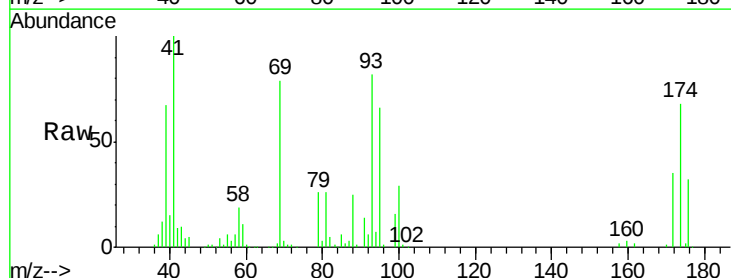
Tgt Ion: 93 Resp: 146638

Ion Ratio Lower Upper

93 100

95 82.3 66.4 99.6

174 83.7 67.2 100.8



Abundance Ion 92.80 (92.50 to 93.50): VN064428.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN064428.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN064428.D (-2296) (-)

9.17

100000

80000

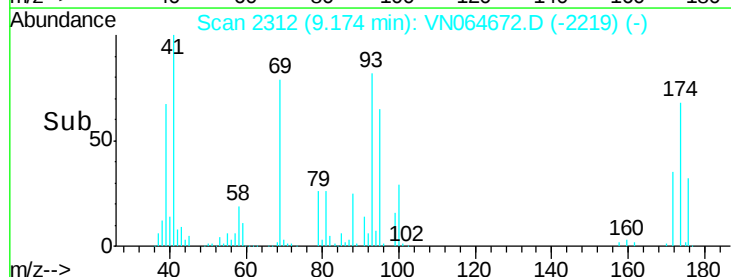
60000

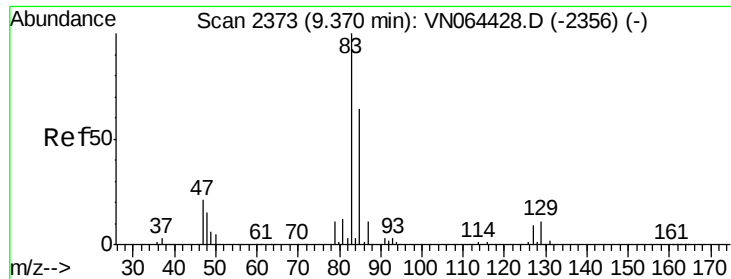
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 54.288 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

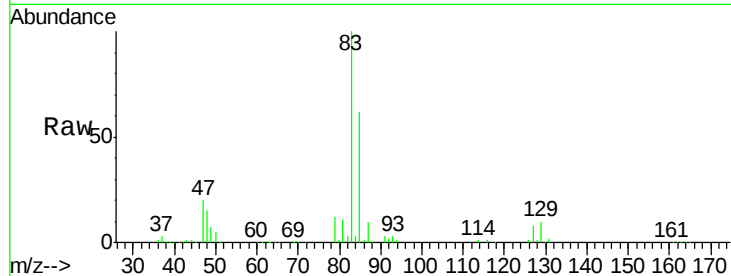
Tot Ion: 83 Resp: 316738

Ion Ratio Lower Upper

83 100

85 62.3 51.2 76.8

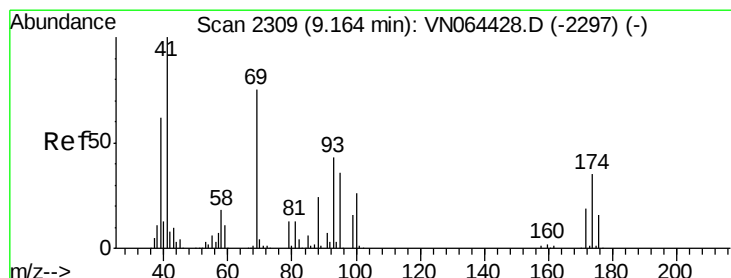
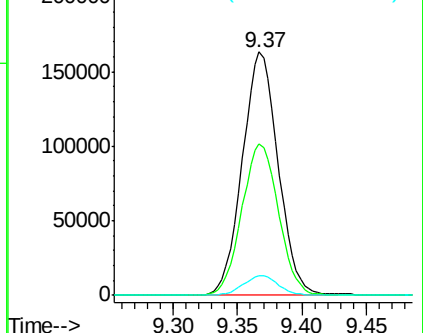
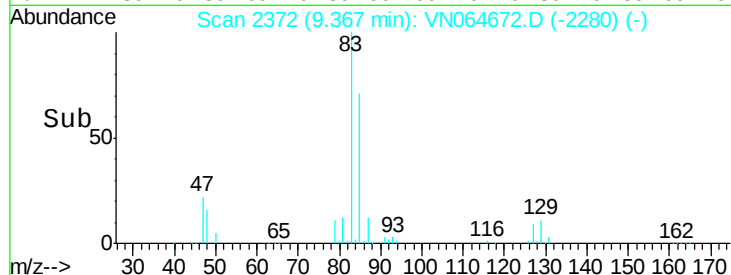
127 7.9 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064672.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064672.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064672.D (-2280) (-)



#48

Methyl methacrylate

Concen: 49.327 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

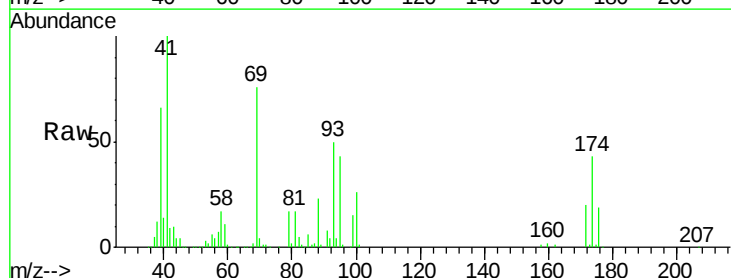
Tgt Ion: 41 Resp: 212059

Ion Ratio Lower Upper

41 100

69 79.1 60.4 90.6

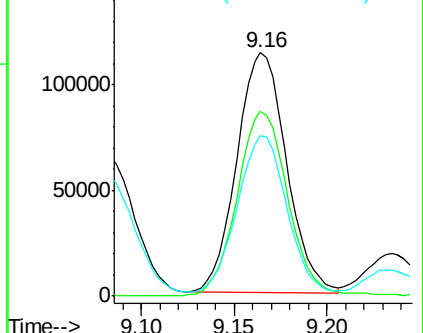
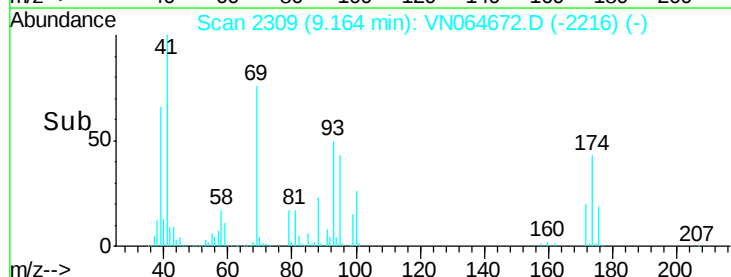
39 67.7 51.2 76.8

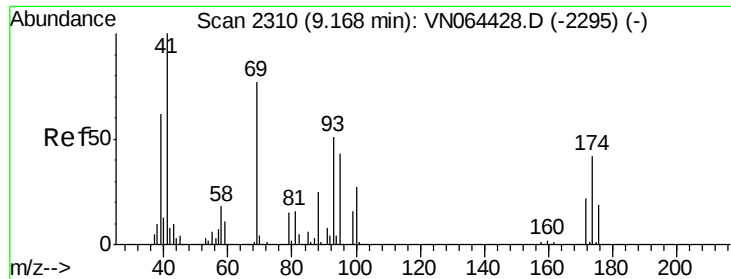


Abundance Ion 41.00 (40.70 to 41.70): VN064672.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064672.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064672.D (-2216) (-)

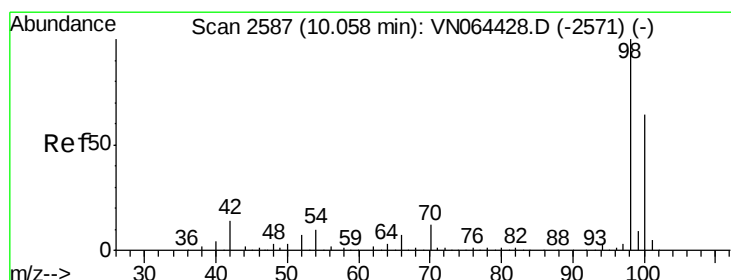
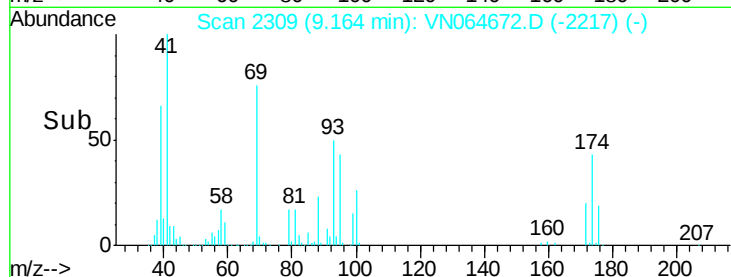
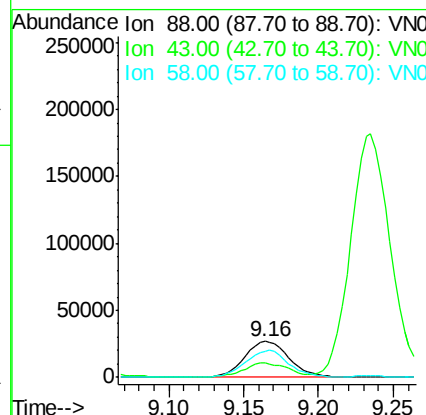
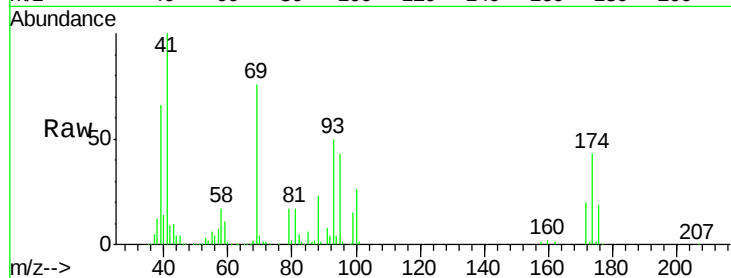




#49
 1,4-Dioxane
 Concen: 982.272 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064672.D
 Acq: 17 Nov 2020 11:02

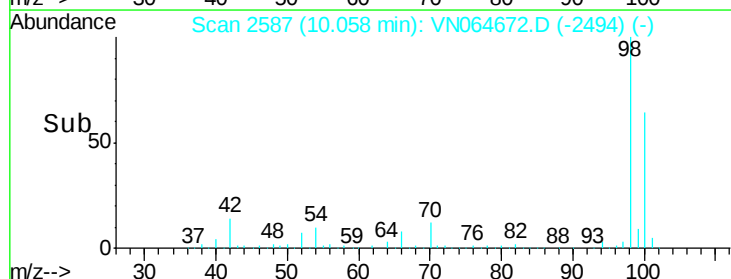
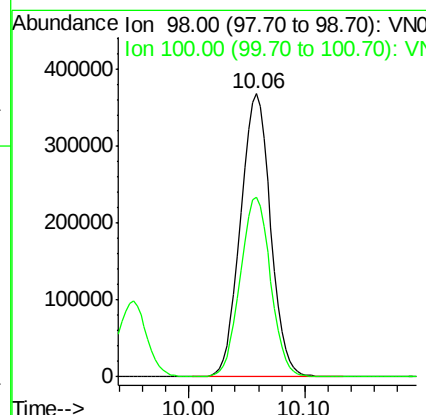
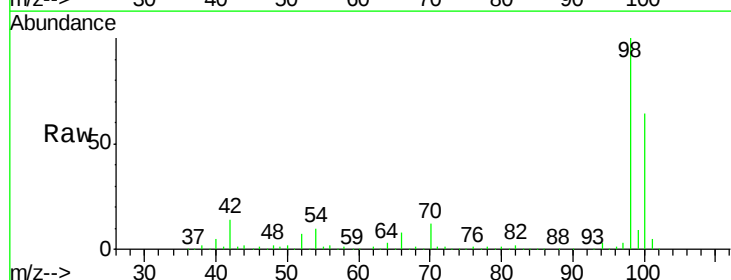
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

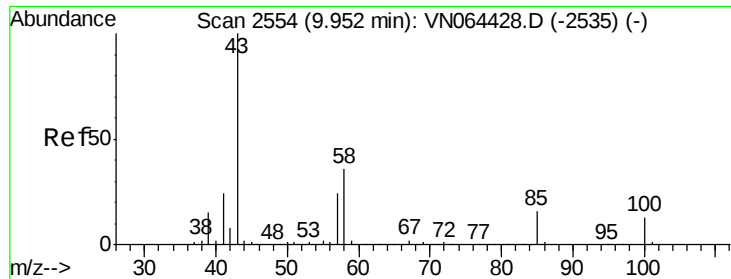
Tot Ion: 88 Resp: 55621
 Ion Ratio Lower Upper
 88 100
 43 37.8 31.0 46.6
 58 73.1 58.4 87.6



#50
 Toluene-d8
 Concen: 50.746 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064672.D
 Acq: 17 Nov 2020 11:02

Tgt Ion: 98 Resp: 664548
 Ion Ratio Lower Upper
 98 100
 100 63.6 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 263.511 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

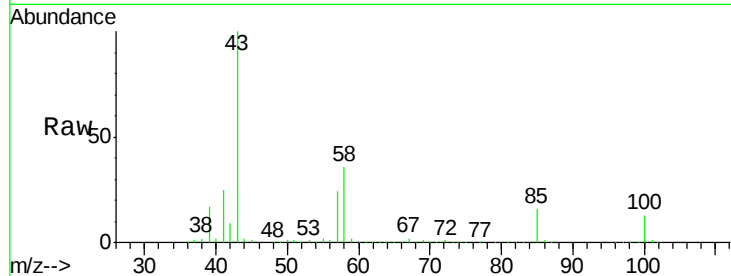
VSTDCCC050

Tot Ion: 43 Resp: 1309243

Ion Ratio Lower Upper

43 100

58 35.5 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

800000

600000

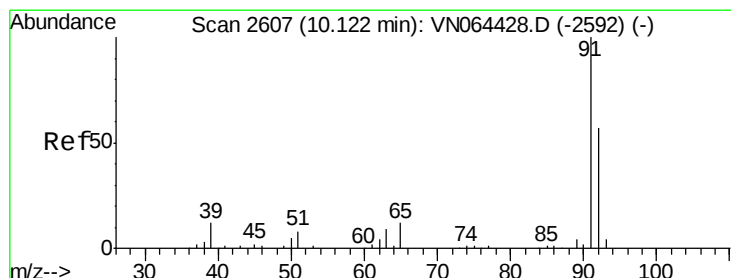
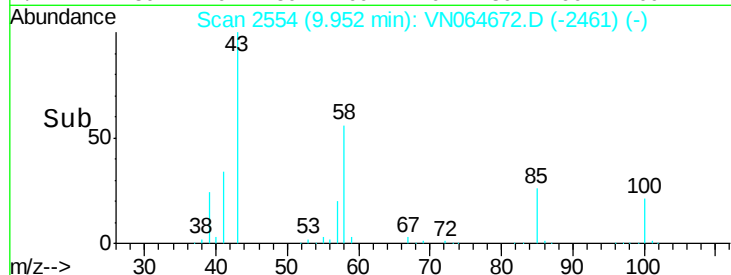
400000

200000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 53.399 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064672.D

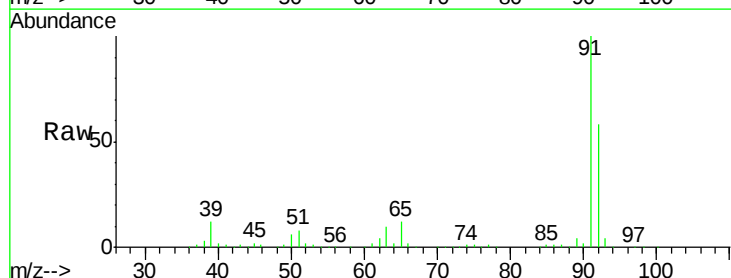
Acq: 17 Nov 2020 11:02

Tgt Ion: 92 Resp: 503136

Ion Ratio Lower Upper

92 100

91 174.4 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

500000

400000

300000

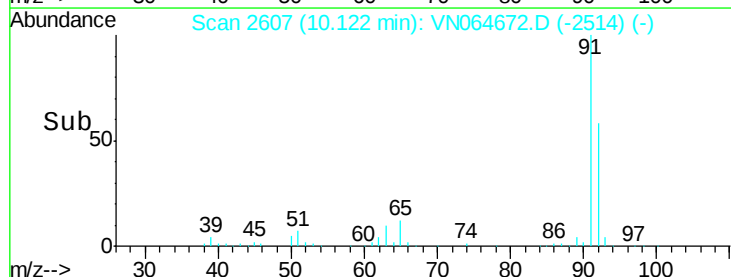
200000

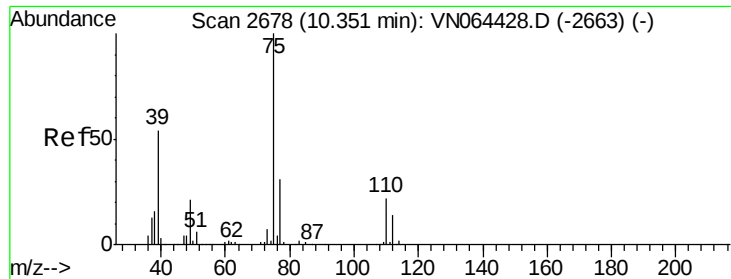
100000

0

10.10 10.12 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.297 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

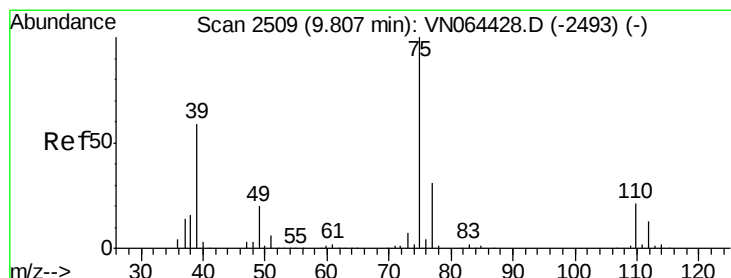
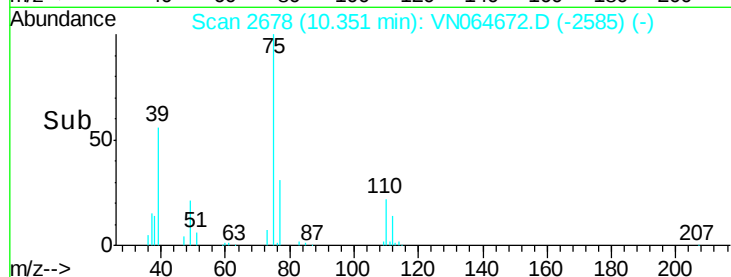
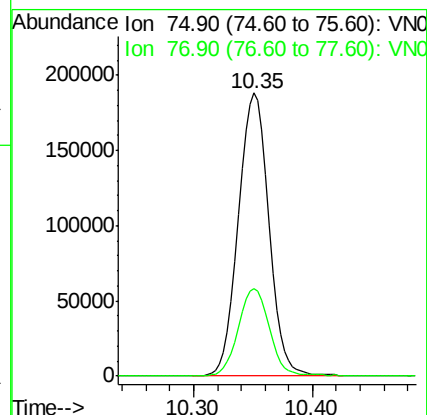
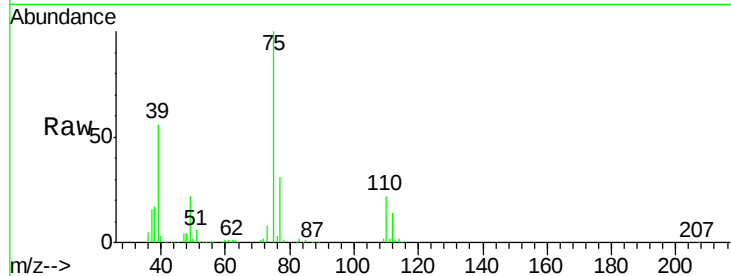
VSTDCCC050

Tot Ion: 75 Resp: 335856

Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 52.031 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

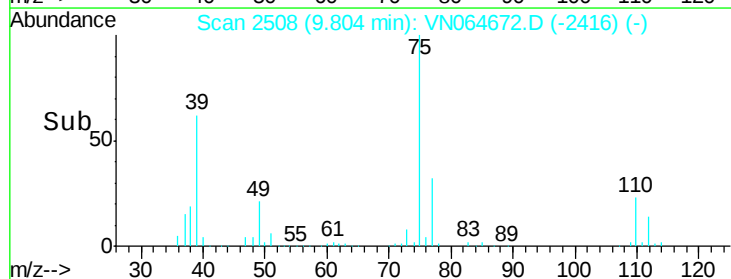
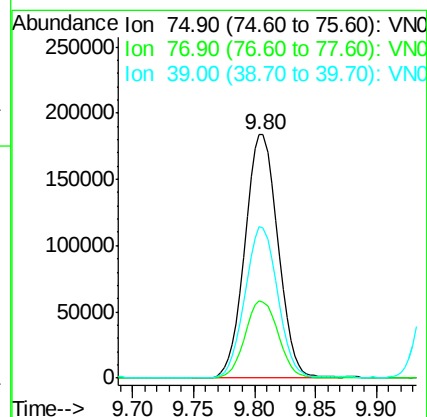
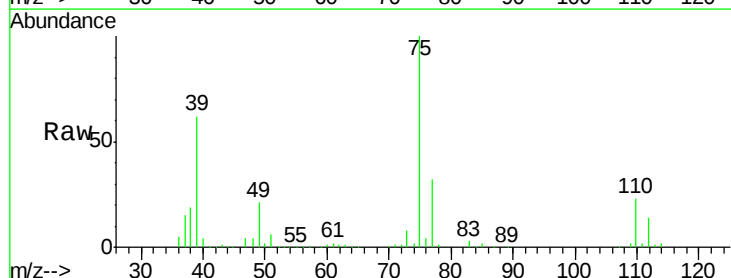
Tgt Ion: 75 Resp: 344105

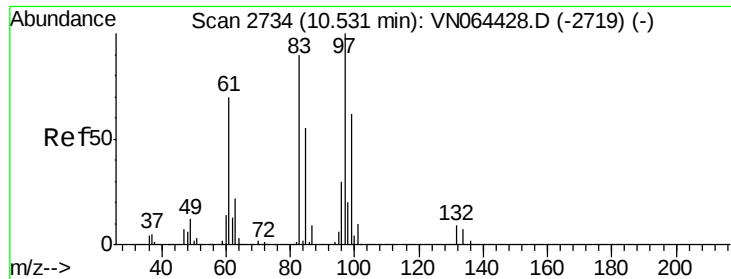
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 61.9 47.1 70.7





#55

1,1,2-Trichloroethane

Concen: 53.516 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 196649

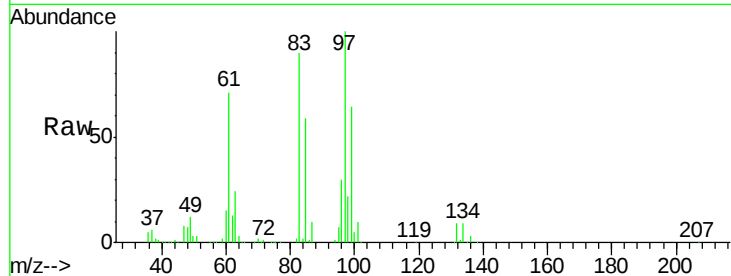
Ion Ratio Lower Upper

97 100

83 90.3 71.7 107.5

85 58.6 44.3 66.5

99 63.7 49.4 74.2

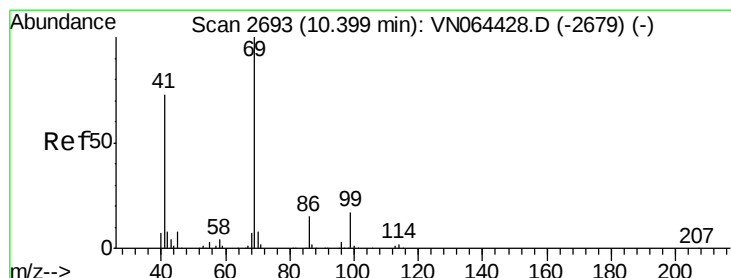
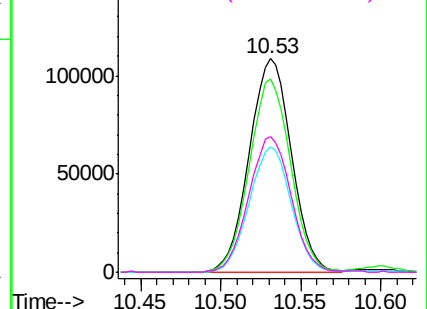
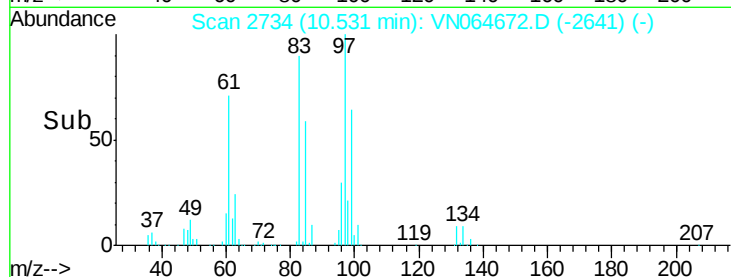


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 46.273 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

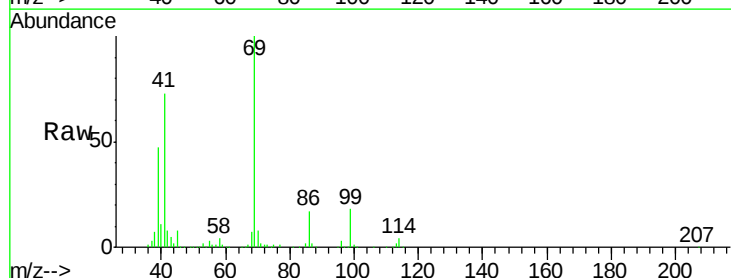
Tgt Ion: 69 Resp: 278894

Ion Ratio Lower Upper

69 100

41 73.5 59.3 88.9

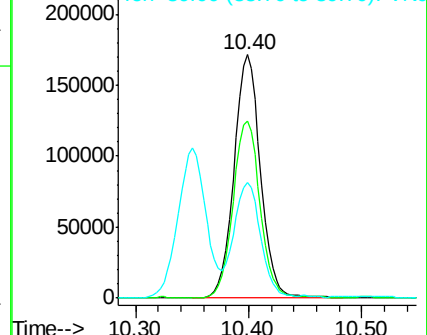
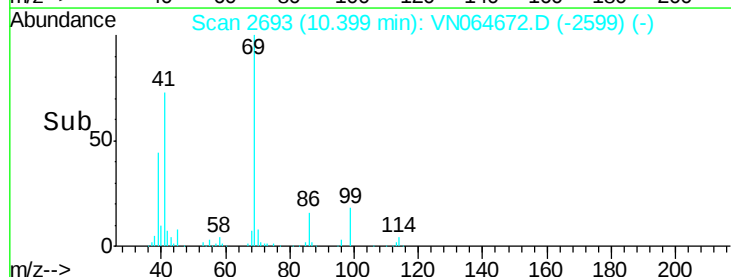
39 46.7 35.4 53.0

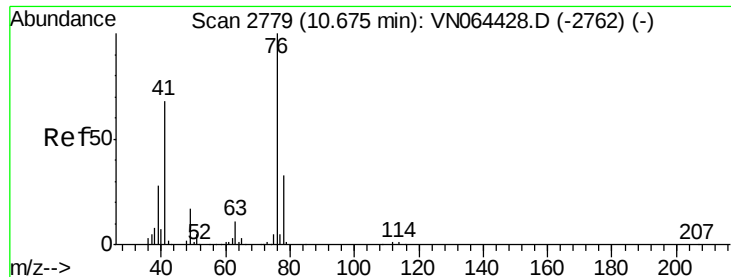


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 53.208 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

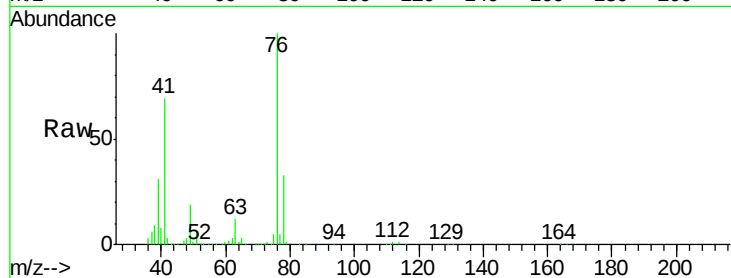
VSTDCCC050

Tot Ion: 76 Resp: 341269

Ion Ratio Lower Upper

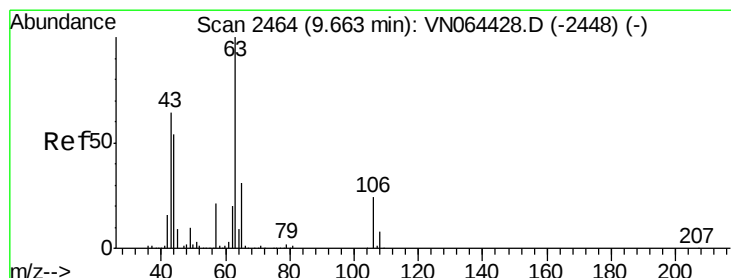
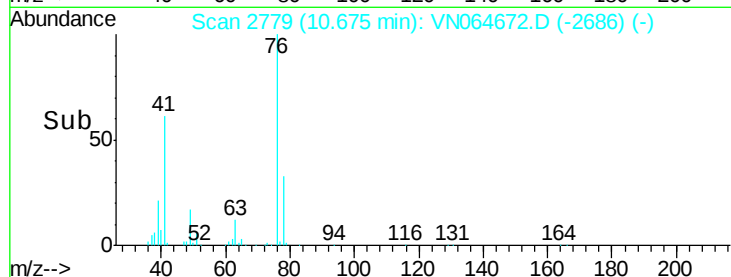
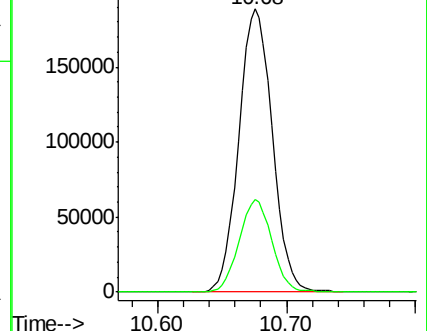
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 299.827 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN064672.D

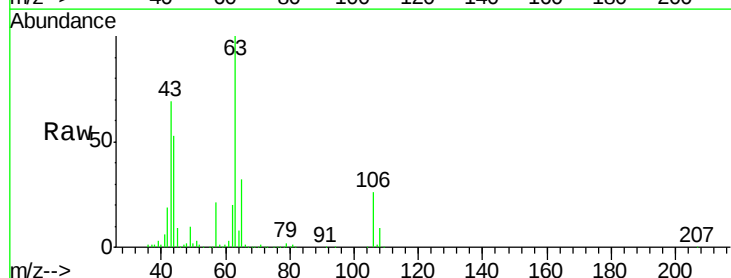
Acq: 17 Nov 2020 11:02

Tgt Ion: 63 Resp: 869950

Ion Ratio Lower Upper

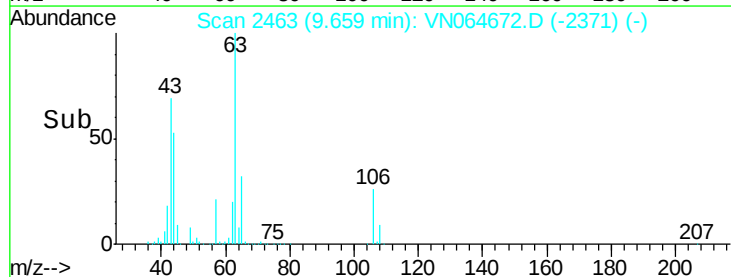
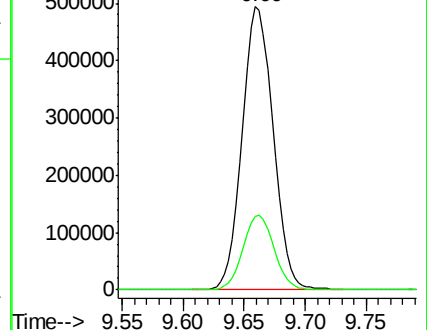
63 100

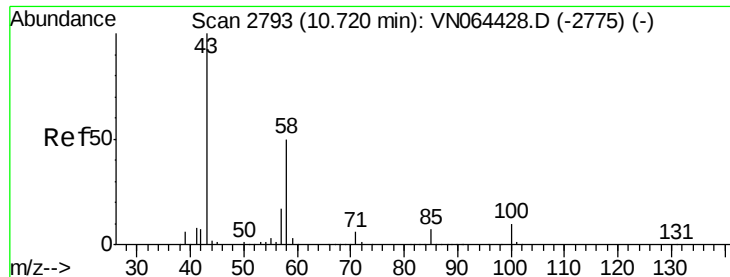
106 26.4 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

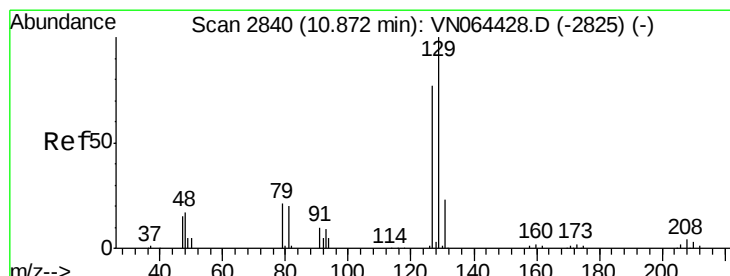
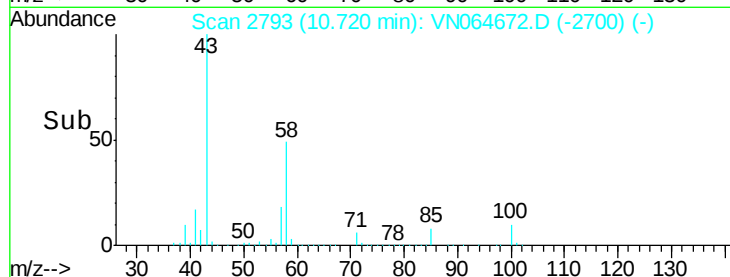
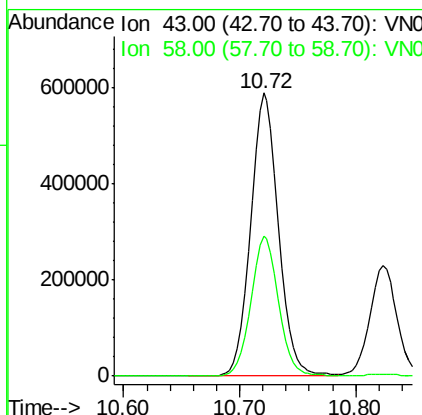
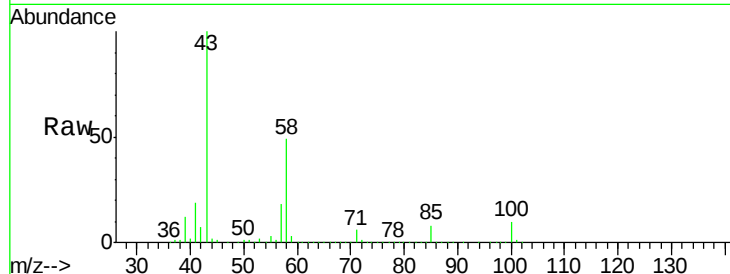




#59
2-Hexanone
Concen: 243.709 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

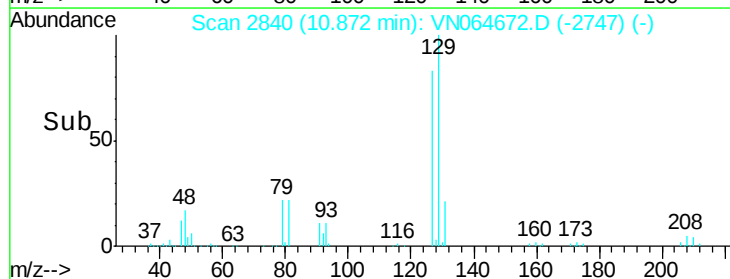
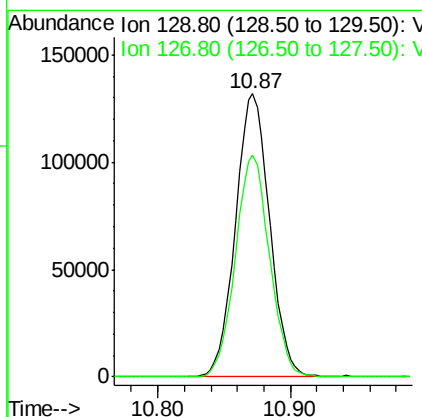
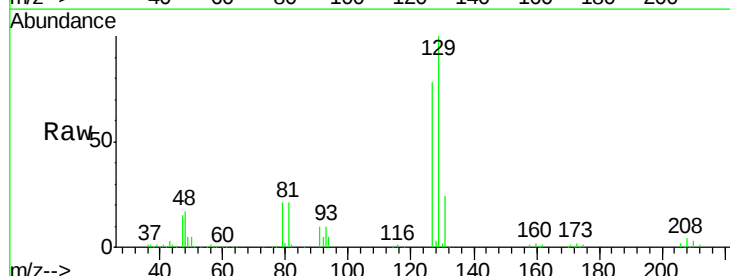
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

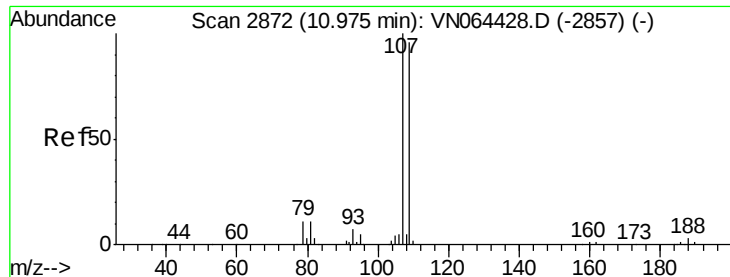
Tot Ion: 43 Resp: 986962
Ion Ratio Lower Upper
43 100
58 49.1 24.7 74.1



#60
Dibromochloromethane
Concen: 57.333 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion: 129 Resp: 235875
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.7

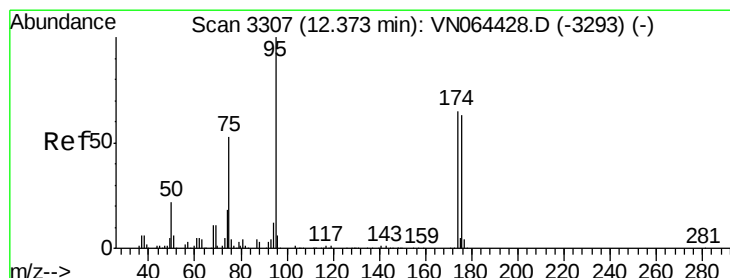
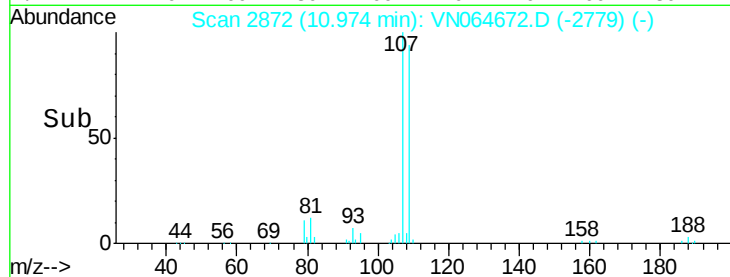
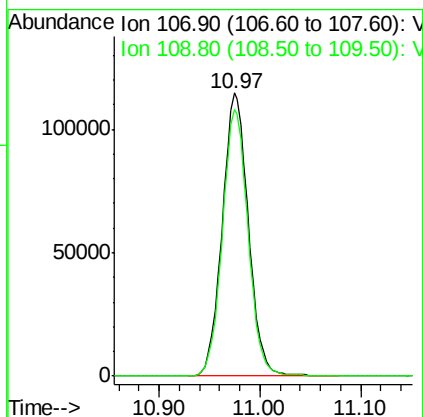
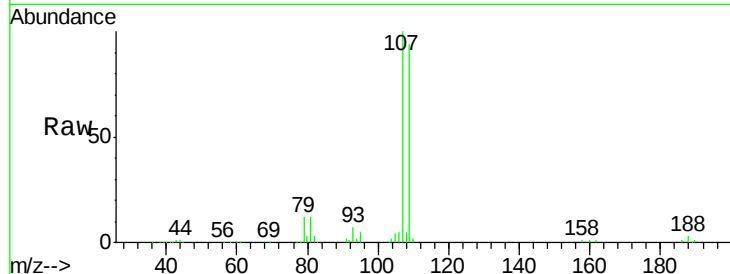




#61
 1,2-Dibromoethane
 Concen: 55.609 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064672.D
 Acq: 17 Nov 2020 11:02

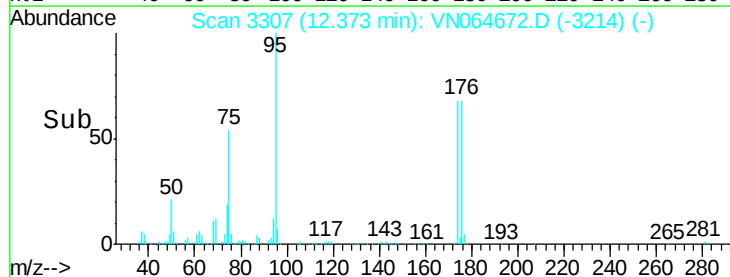
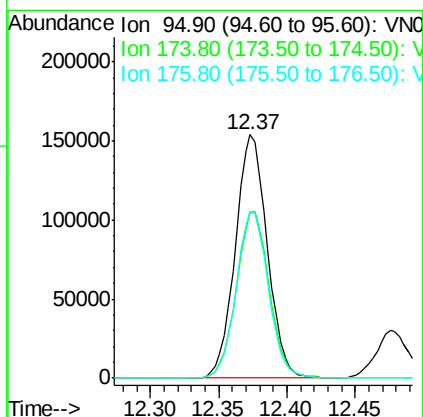
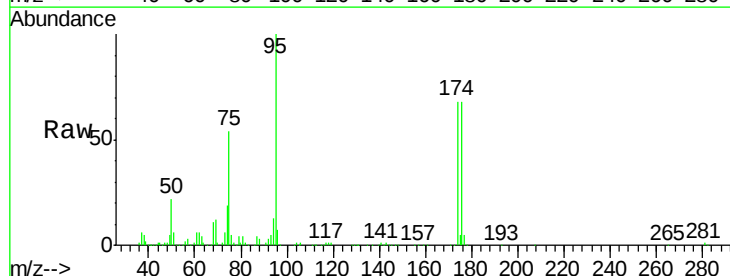
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

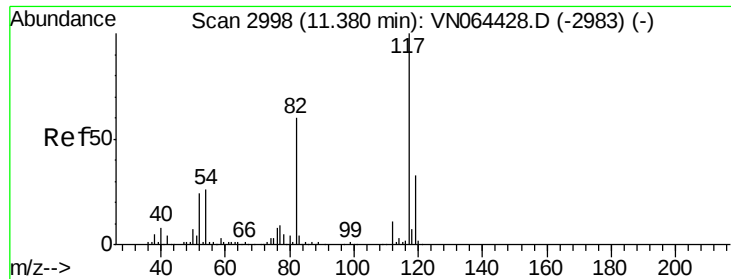
Tot Ion: 107 Resp: 207266
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.400 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064672.D
 Acq: 17 Nov 2020 11:02

Tgt Ion: 95 Resp: 249609
 Ion Ratio Lower Upper
 95 100
 174 70.8 0.0 132.6
 176 69.0 0.0 129.2

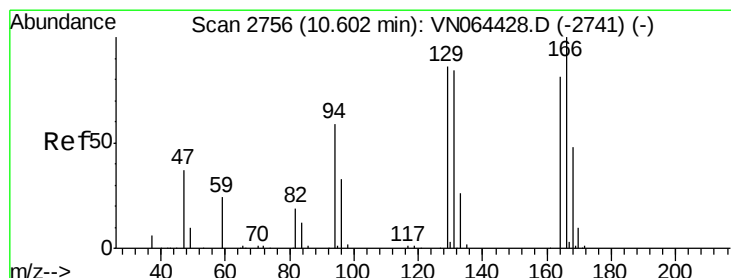
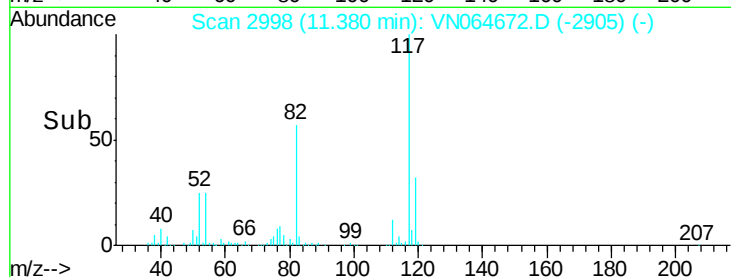
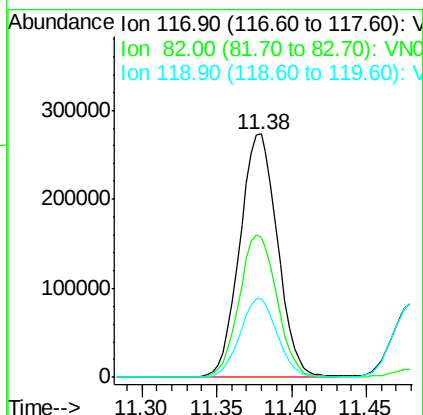
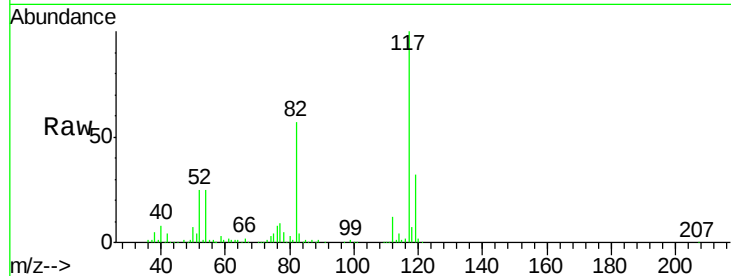




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

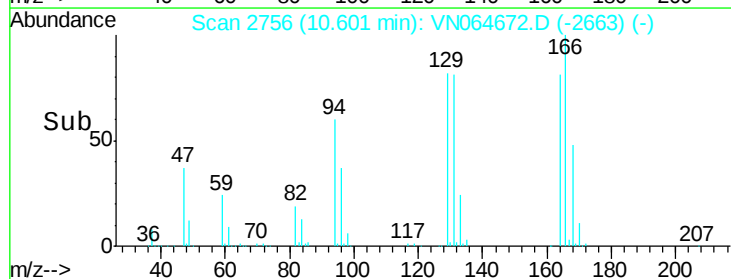
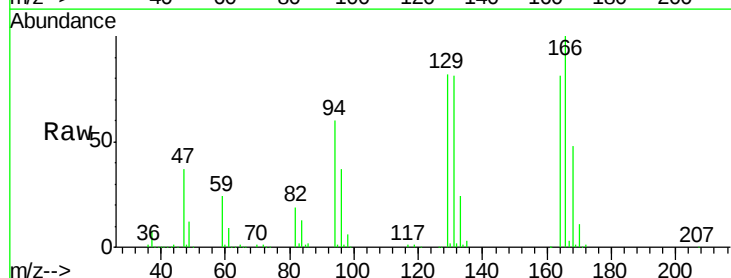
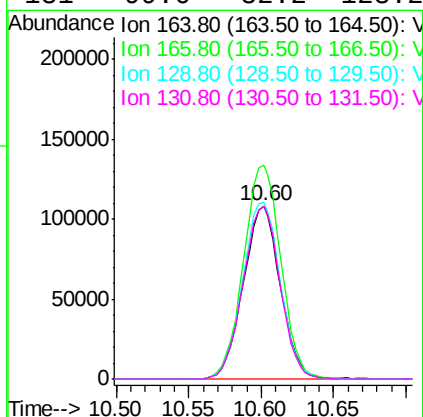
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

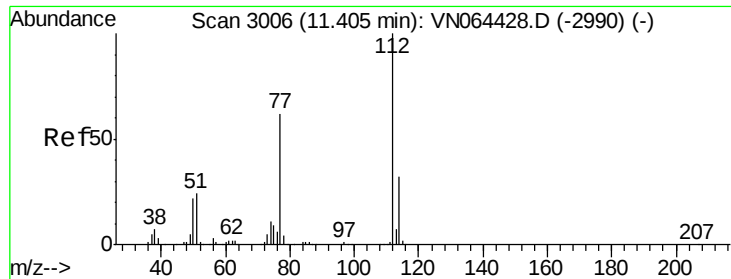
Tot Ion:117 Resp: 480463
Ion Ratio Lower Upper
117 100
82 57.3 48.1 72.1
119 32.4 26.2 39.4



#64
Tetrachloroethene
Concen: 51.596 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion:164 Resp: 190958
Ion Ratio Lower Upper
164 100
166 123.4 98.2 147.2
129 101.7 84.6 127.0
131 99.6 82.2 123.2

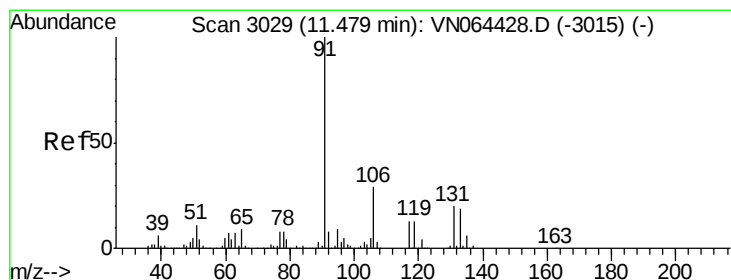
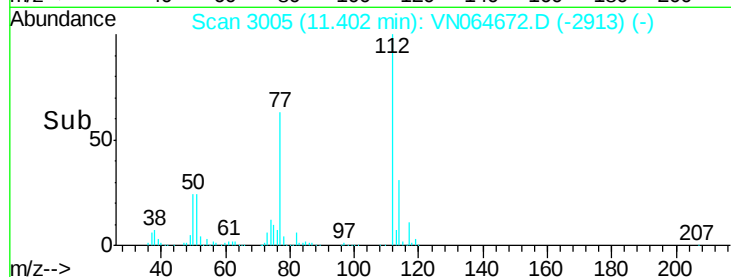
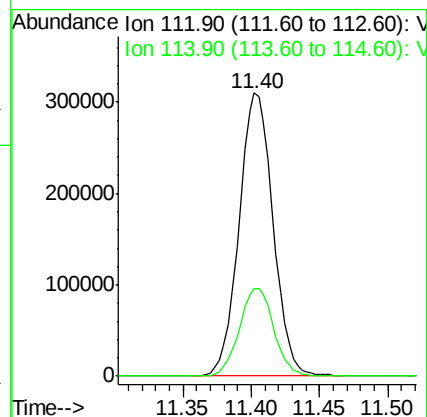
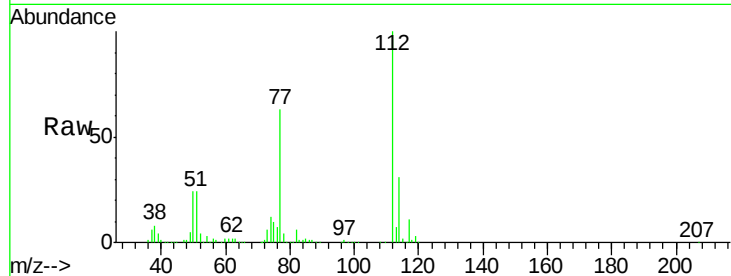




#65
Chlorobenzene
Concen: 50.916 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

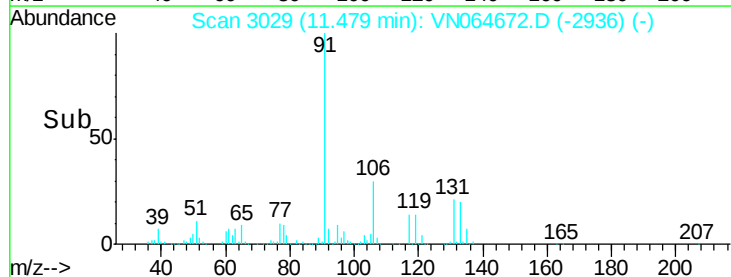
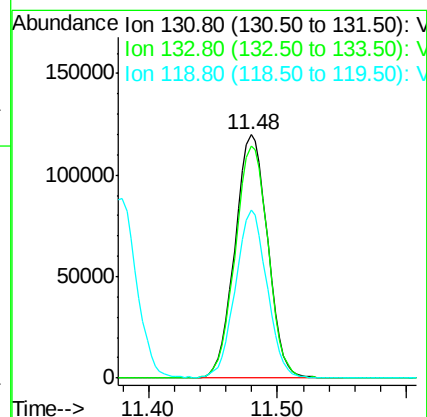
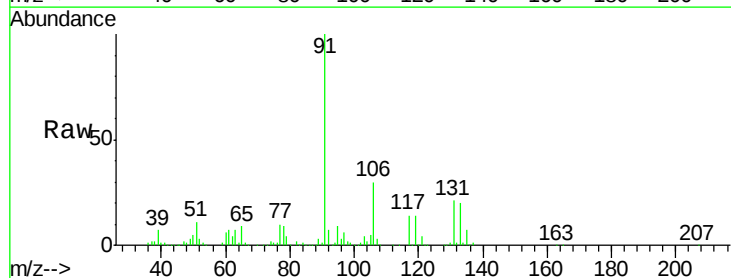
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

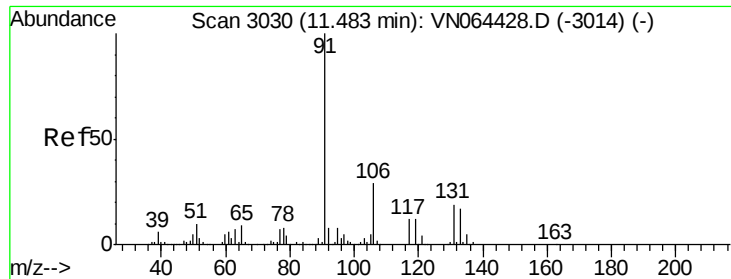
Tot Ion:112 Resp: 536292
Ion Ratio Lower Upper
112 100
114 30.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.858 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion:131 Resp: 211628
Ion Ratio Lower Upper
131 100
133 96.0 46.9 140.7
119 66.2 32.1 96.5

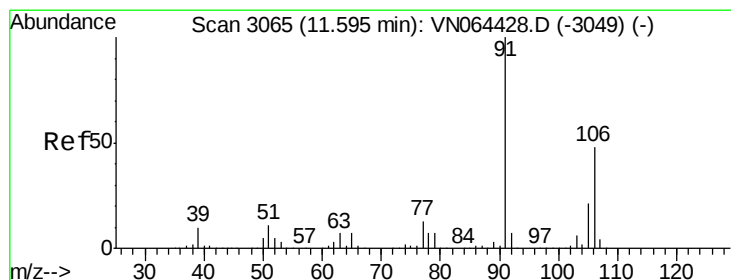
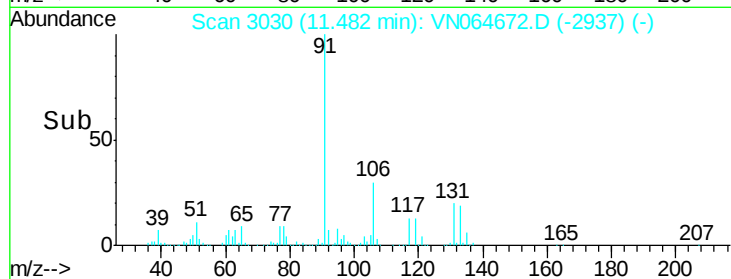
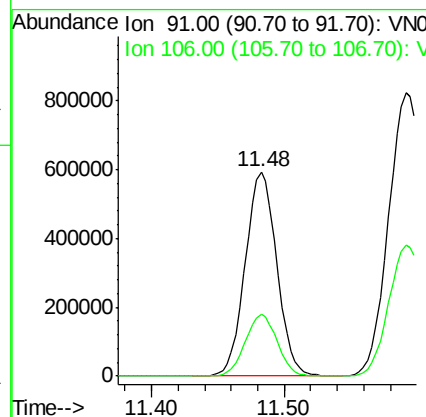
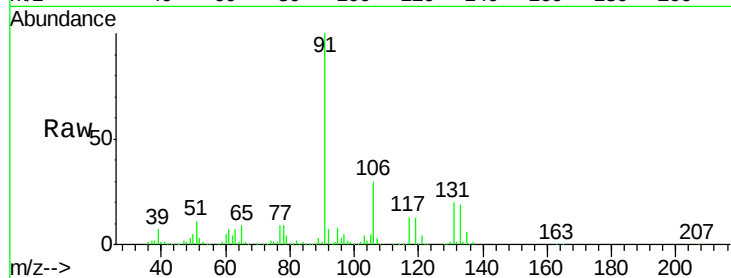




#67
Ethyl Benzene
Concen: 52.330 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

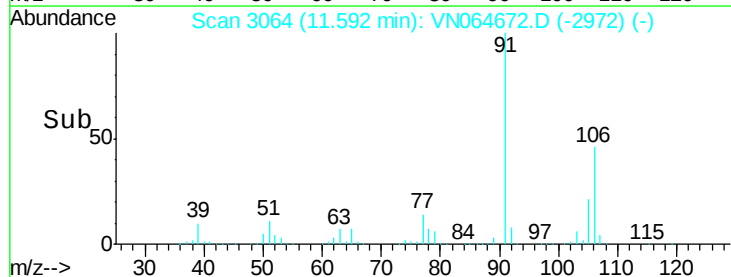
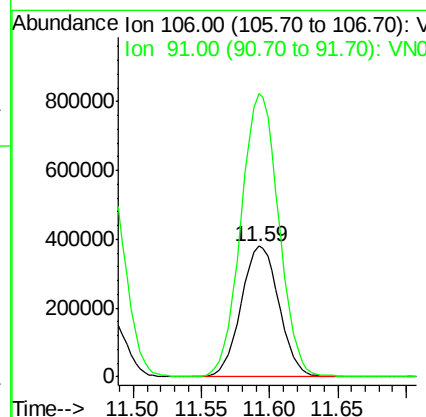
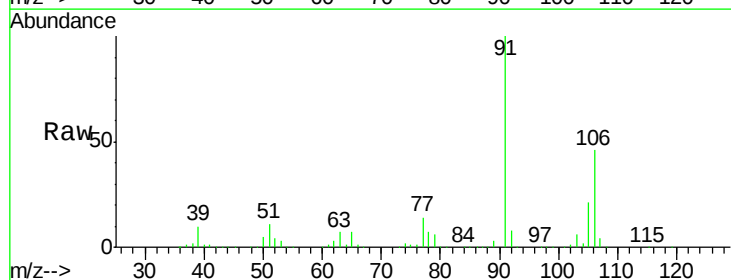
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

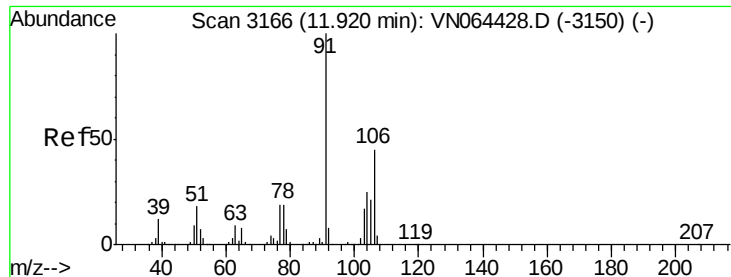
Tot Ion: 91 Resp: 980403
Ion Ratio Lower Upper
91 100
106 30.1 23.6 35.4



#68
m/p-Xylenes
Concen: 107.562 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion: 106 Resp: 730830
Ion Ratio Lower Upper
106 100
91 216.8 169.4 254.2

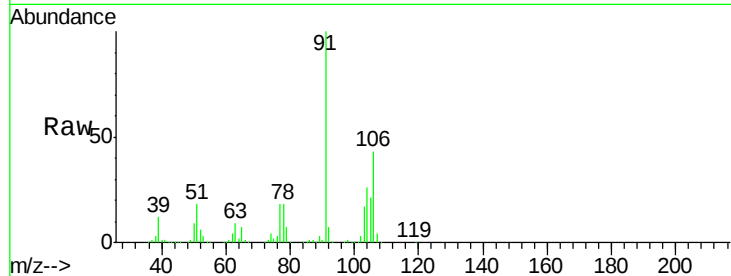




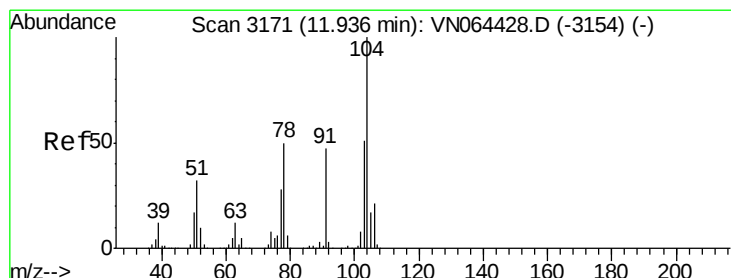
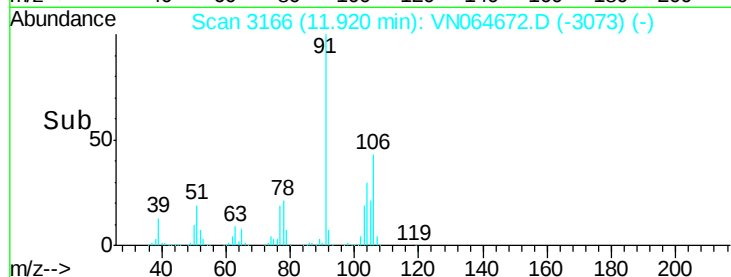
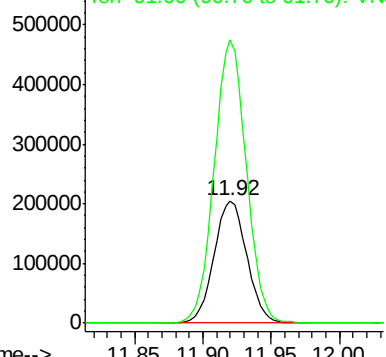
#69
o-Xylene
Concen: 52.056 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 341781
Ion Ratio Lower Upper
106 100
91 227.4 111.7 334.9

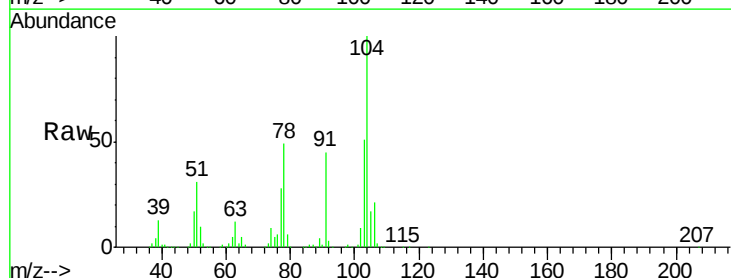


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

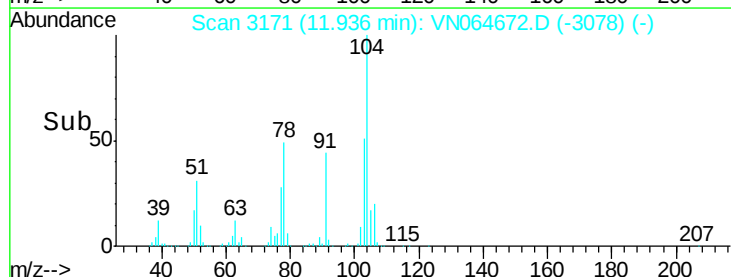
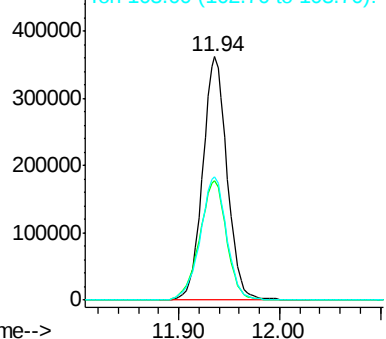


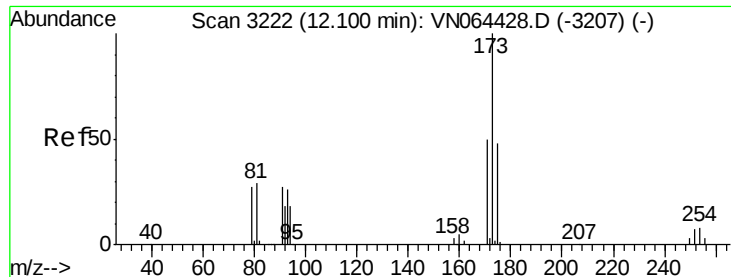
#70
Styrene
Concen: 55.070 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion:104 Resp: 608424
Ion Ratio Lower Upper
104 100
78 54.3 44.0 66.0
103 55.0 43.8 65.6



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

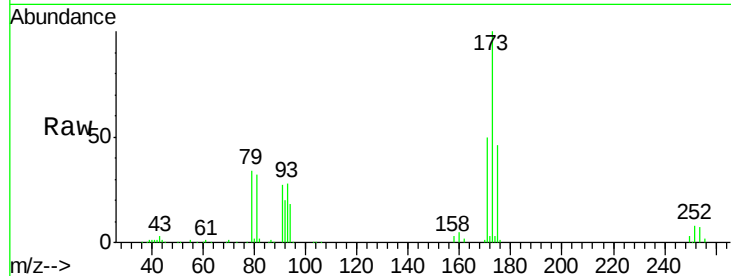




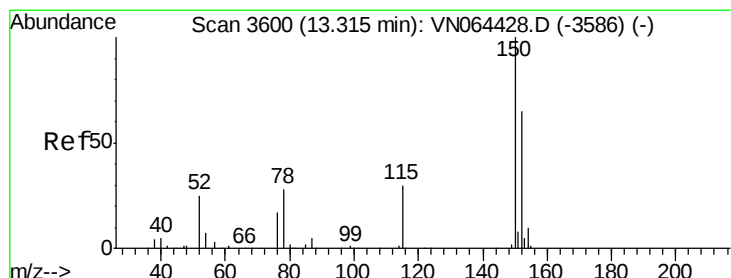
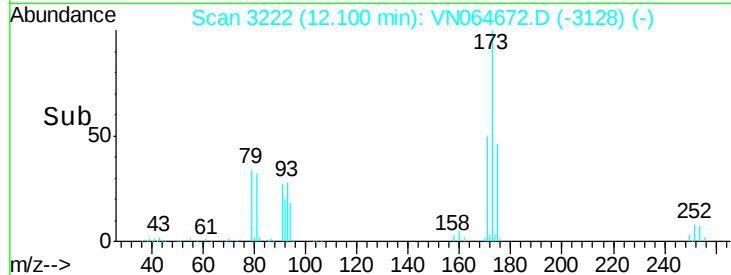
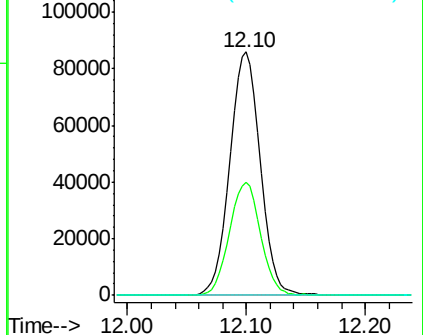
#71
Bromoform
Concen: 51.693 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 152648
Ion Ratio Lower Upper
173 100
175 47.5 23.7 71.1
254 0.0 0.0 0.0

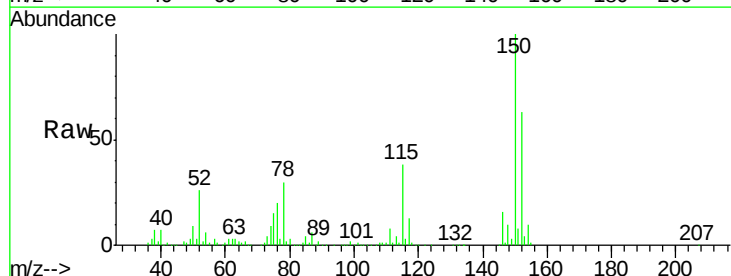


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

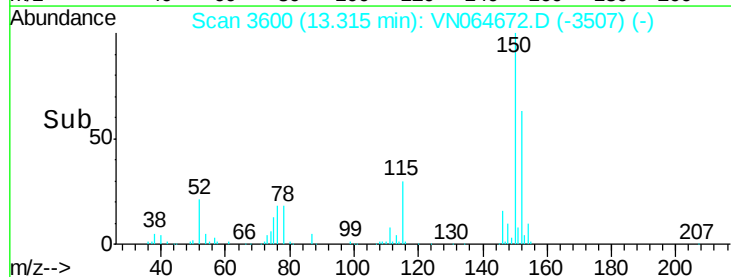
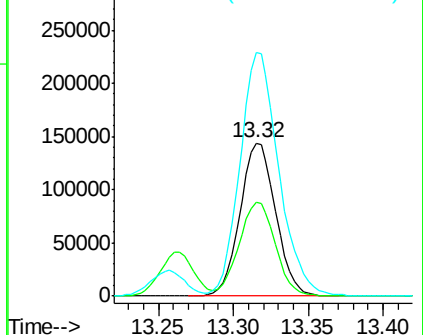


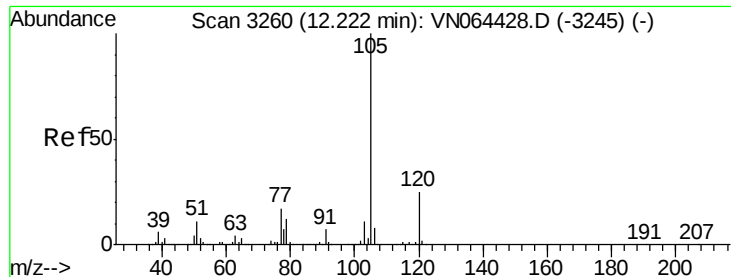
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion:152 Resp: 238673
Ion Ratio Lower Upper
152 100
115 62.0 32.0 96.0
150 173.4 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: 49.449 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

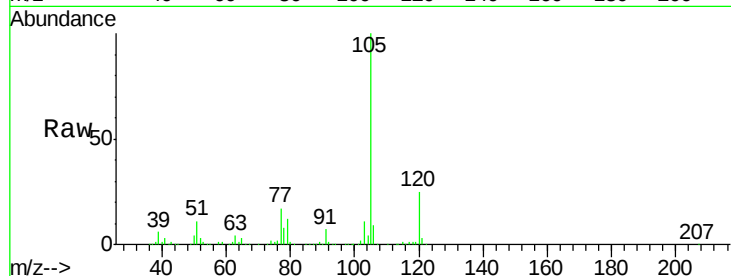
VSTDCCC050

Tot Ion:105 Resp: 938076

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

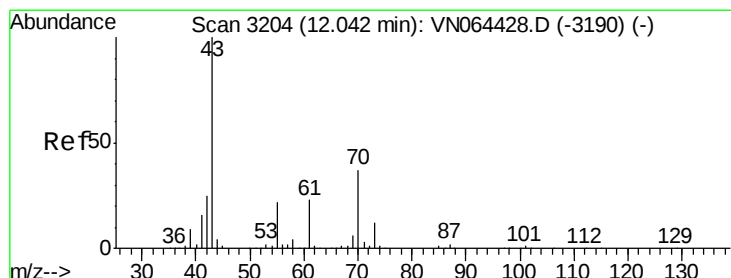
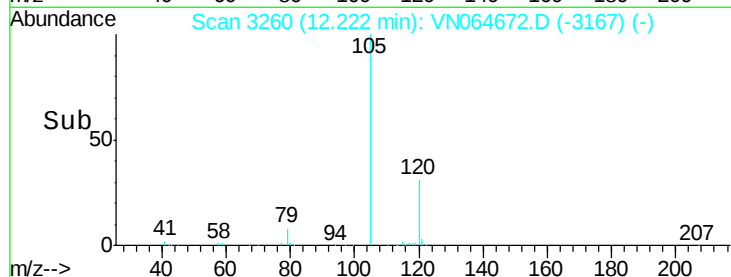
600000

400000

200000

0

Time--> 12.10 12.20 12.30



#74

N-ethyl acetate

Concen: 41.917 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Tgt Ion: 43 Resp: 383816

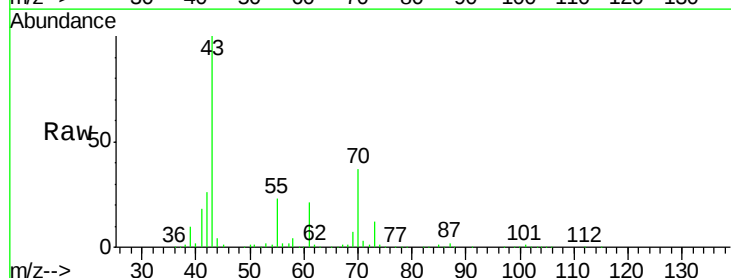
Ion Ratio Lower Upper

43 100

70 37.2 29.6 44.4

55 24.1 18.4 27.6

61 21.0 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.04

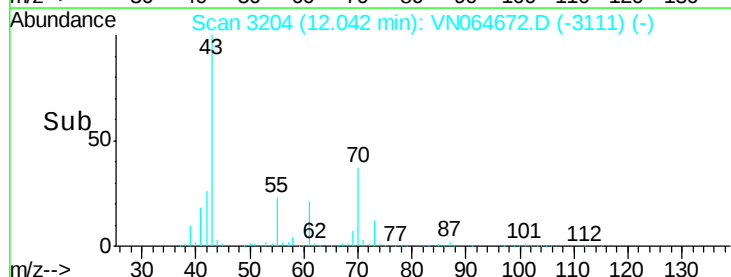
300000

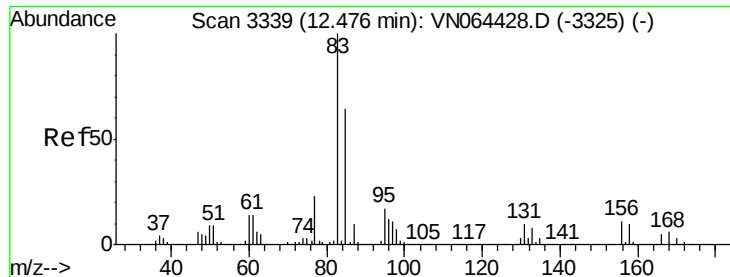
200000

100000

0

Time--> 12.00 12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 47.116 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

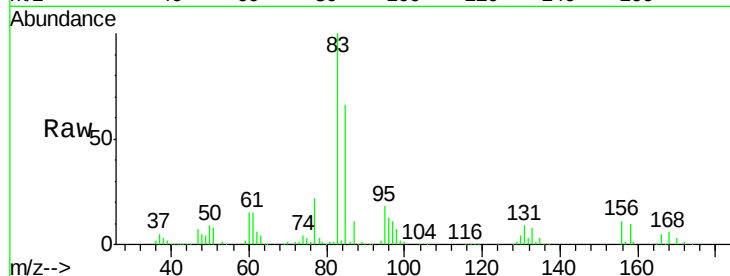
Tot Ion: 83 Resp: 274536

Ion Ratio Lower Upper

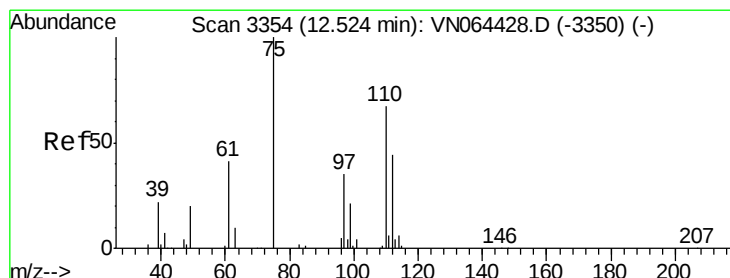
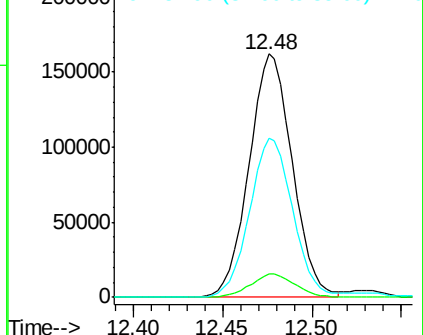
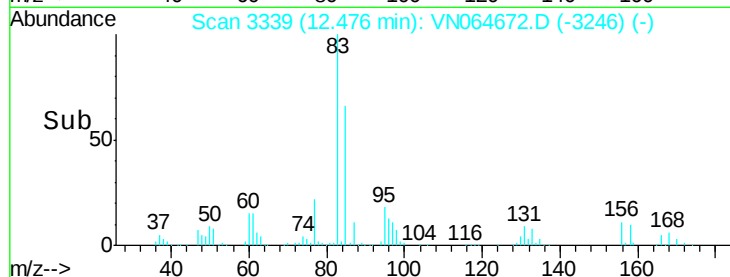
83 100

131 10.0 4.9 14.7

85 65.4 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064672.D (-3246) (-)



#76

1,2,3-Trichloropropane

Concen: 67.122 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064672.D

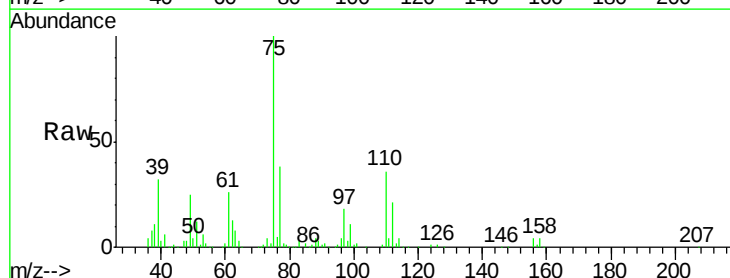
Acq: 17 Nov 2020 11:02

Tgt Ion: 75 Resp: 388155

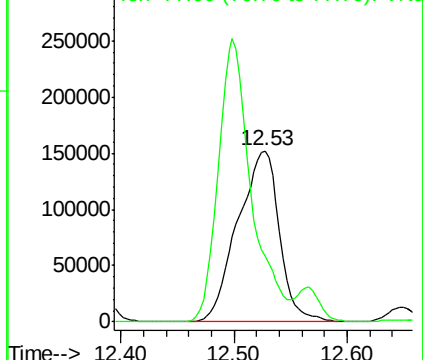
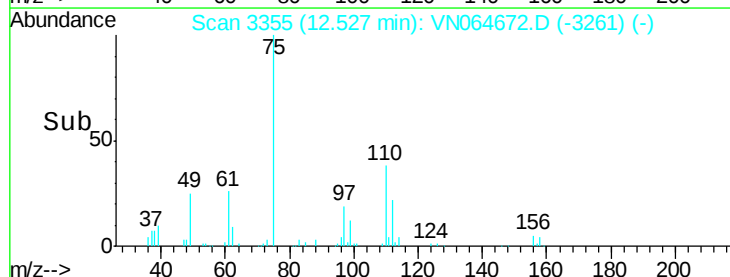
Ion Ratio Lower Upper

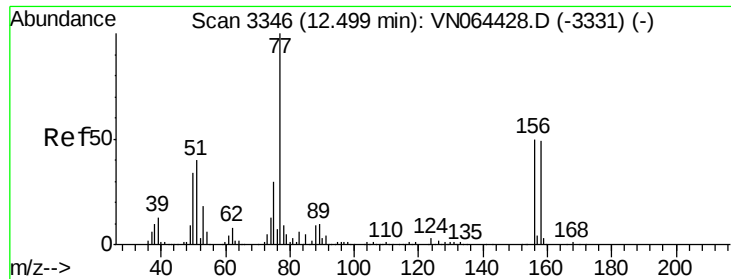
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064672.D (-3261) (-)

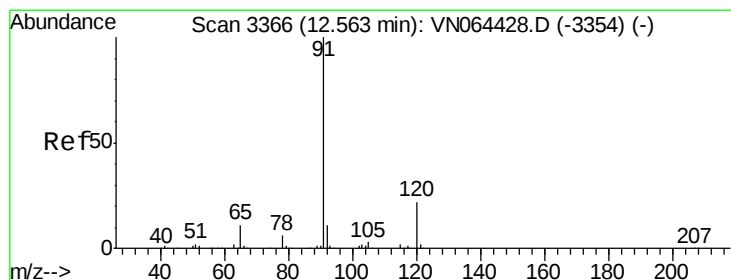
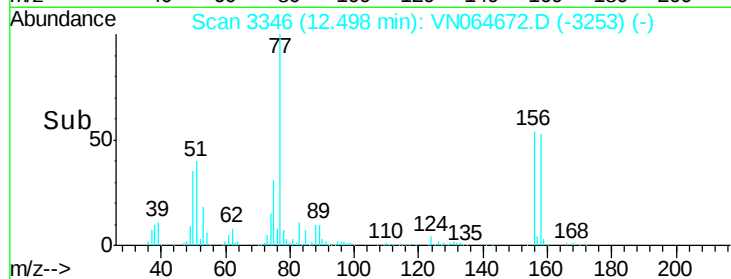
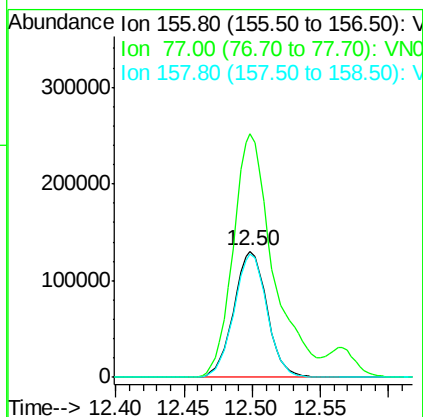
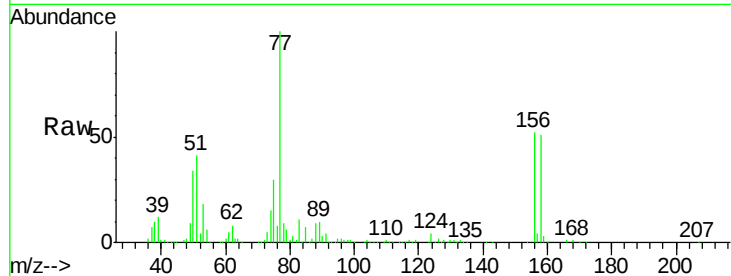




#77
Bromobenzene
Concen: 47.700 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

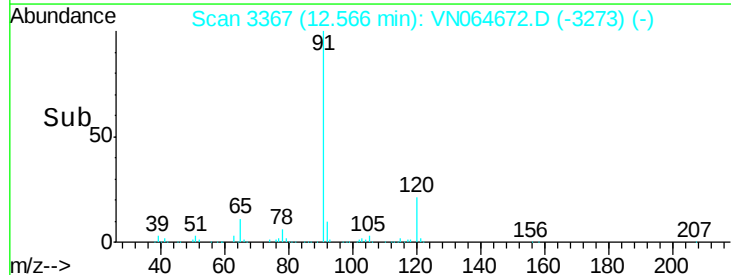
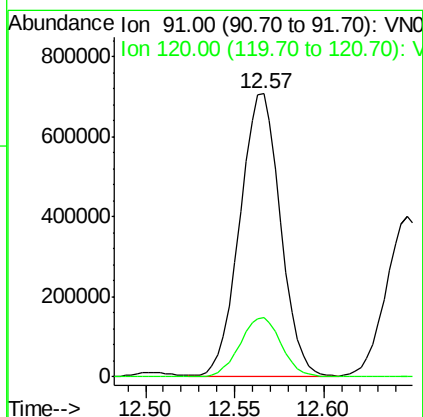
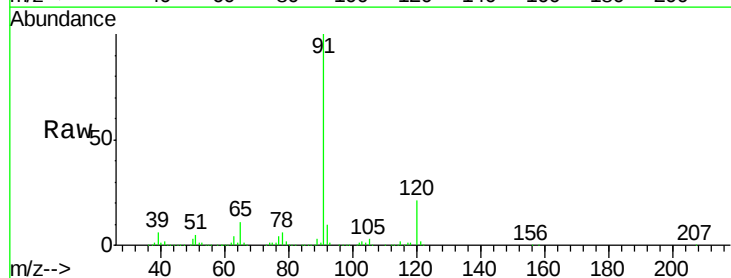
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

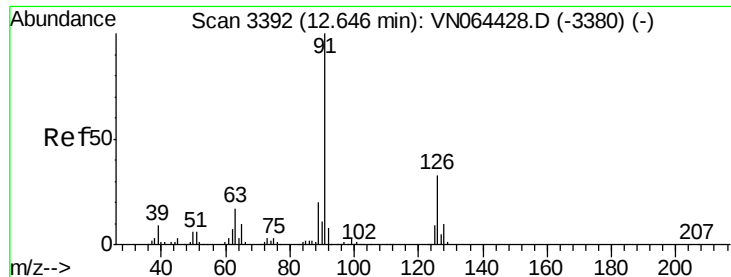
Tot Ion:156 Resp: 220926
Ion Ratio Lower Upper
156 100
77 232.2 119.0 357.0
158 97.2 48.4 145.3



#78
n-propylbenzene
Concen: 51.603 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion: 91 Resp: 1116054
Ion Ratio Lower Upper
91 100
120 21.6 11.0 33.0

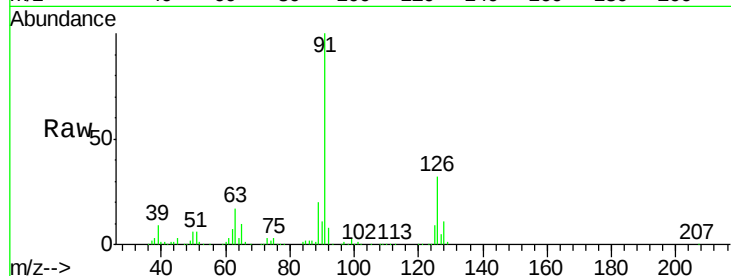




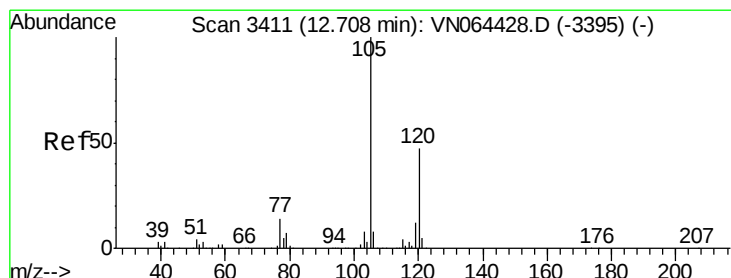
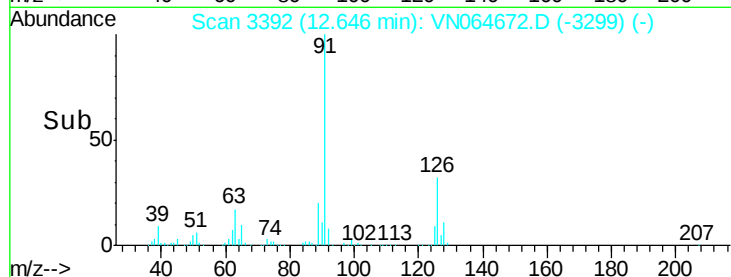
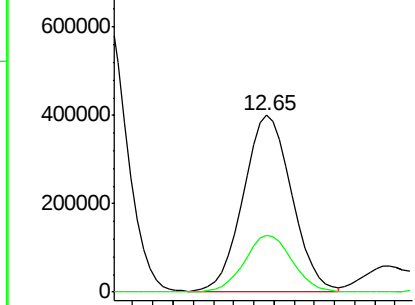
#79
 2-Chlorotoluene
 Concen: 48.707 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064672.D
 Acq: 17 Nov 2020 11:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 668133
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.4 49.1

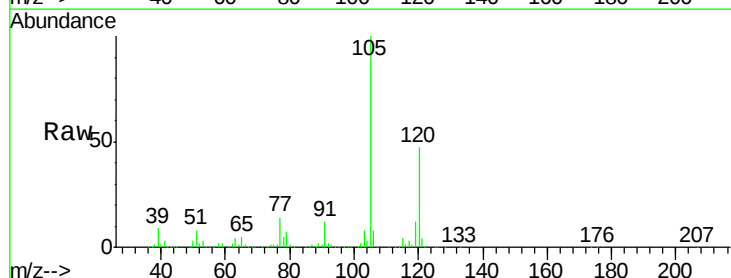


Abundance Ion 91.00 (90.70 to 91.70): VN064672.D (-3299) (-)
 Ion 125.90 (125.60 to 126.60): VN064672.D (-3299) (-)

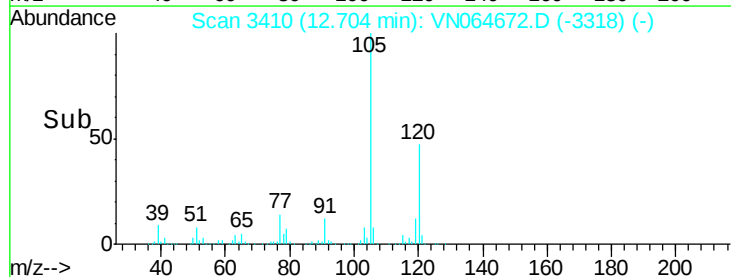
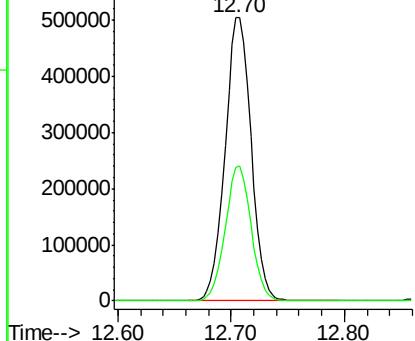


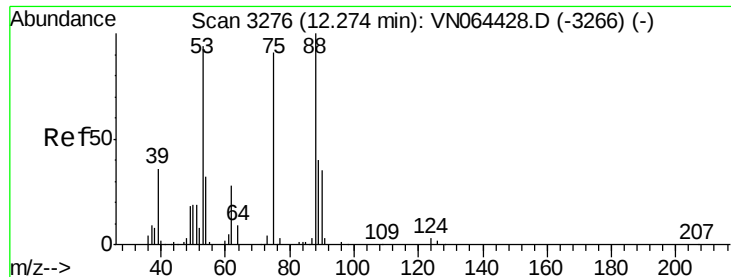
#80
 1,3,5-Trimethylbenzene
 Concen: 51.558 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064672.D
 Acq: 17 Nov 2020 11:02

Tgt Ion: 105 Resp: 806895
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064672.D (-3318) (-)
 Ion 120.00 (119.70 to 120.70): VN064672.D (-3318) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.453 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

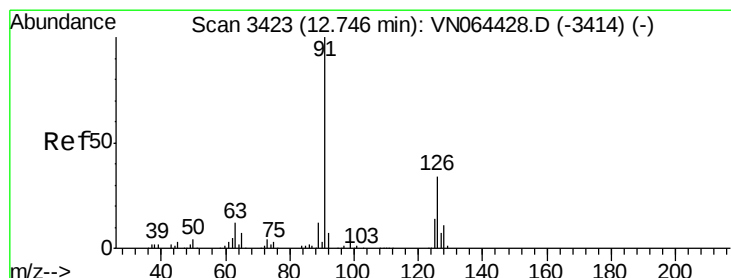
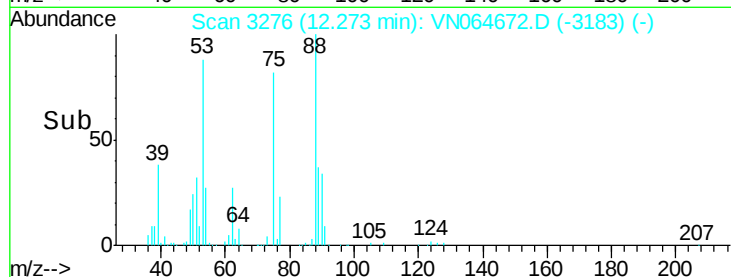
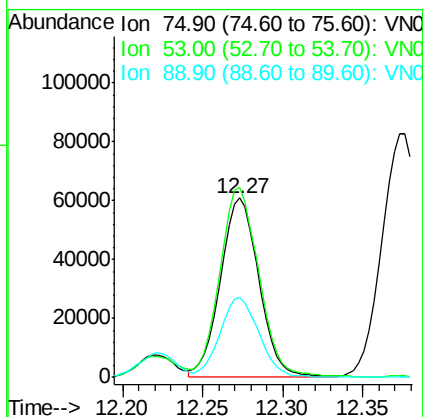
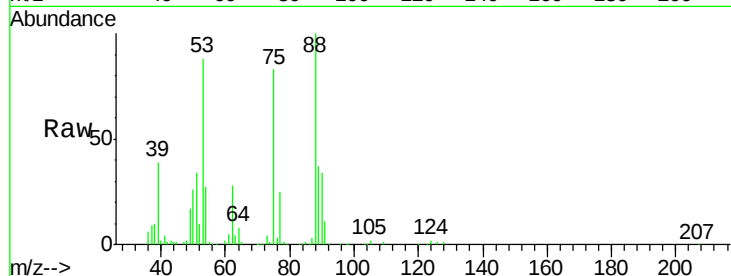
Tot Ion: 75 Resp: 100353

Ion Ratio Lower Upper

75 100

53 107.3 84.0 126.0

89 45.2 36.3 54.5



#82

4-Chlorotoluene

Concen: 49.746 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064672.D

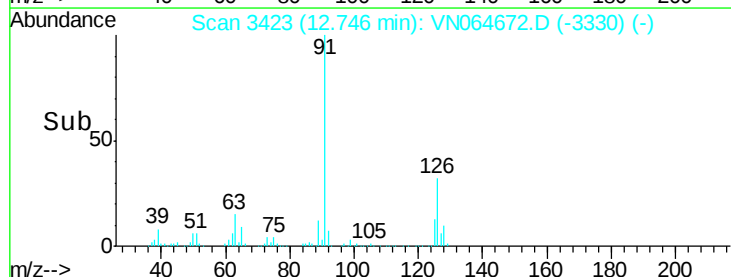
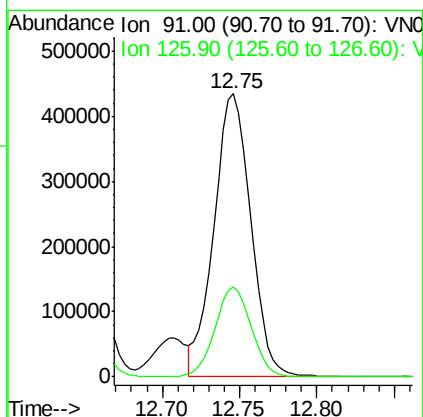
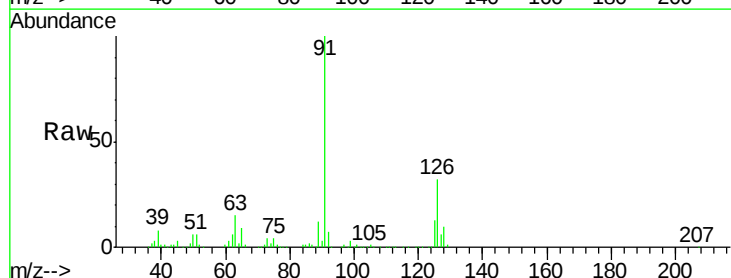
Acq: 17 Nov 2020 11:02

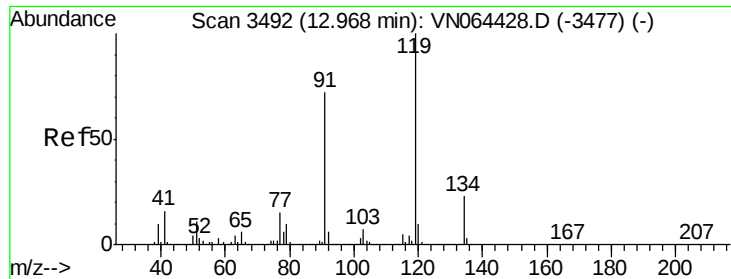
Tgt Ion: 91 Resp: 714632

Ion Ratio Lower Upper

91 100

126 31.3 15.4 46.2

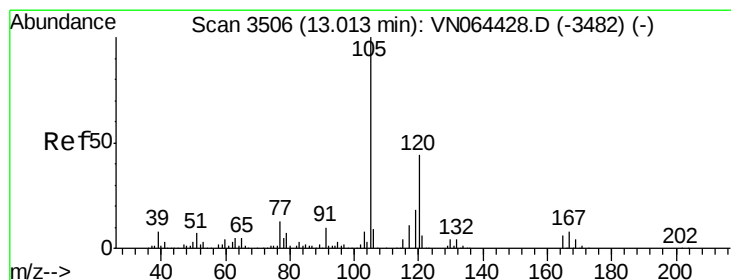
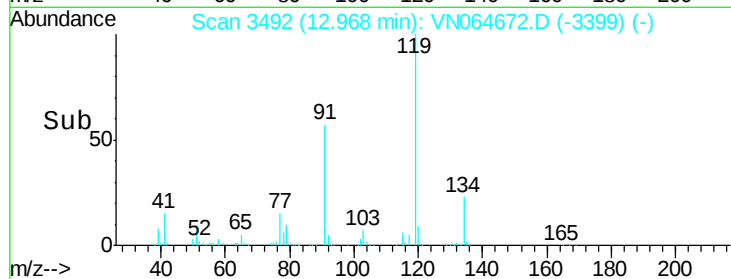
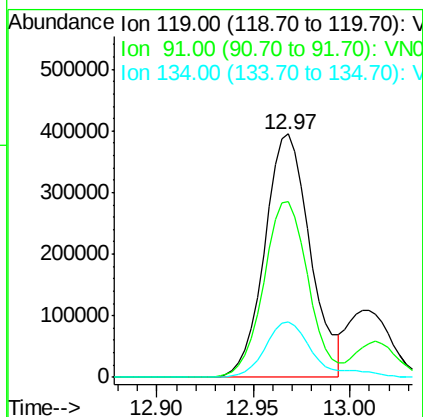
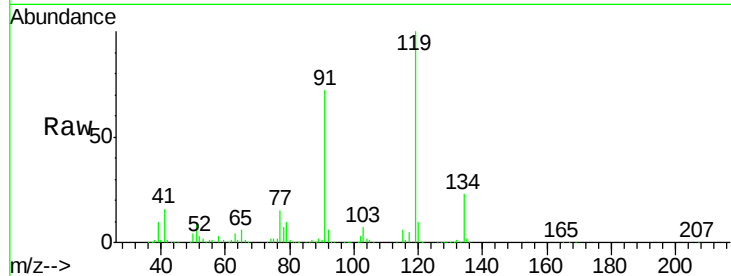




#83
tert-Butylbenzene
Concen: 52.794 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

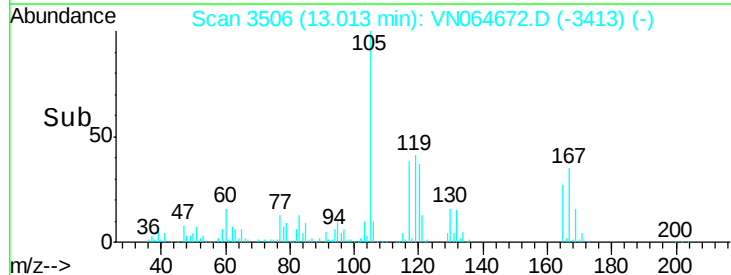
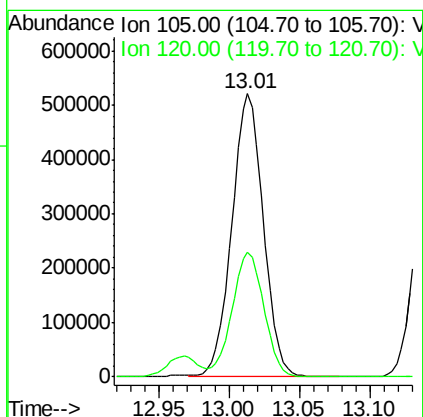
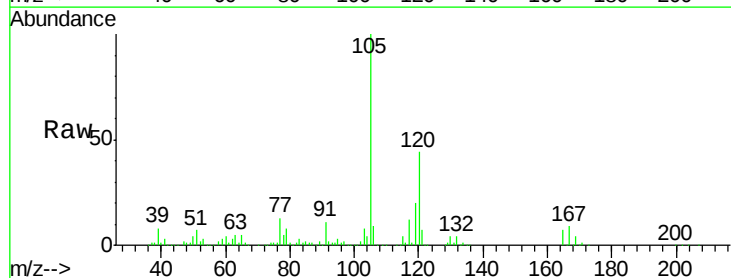
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

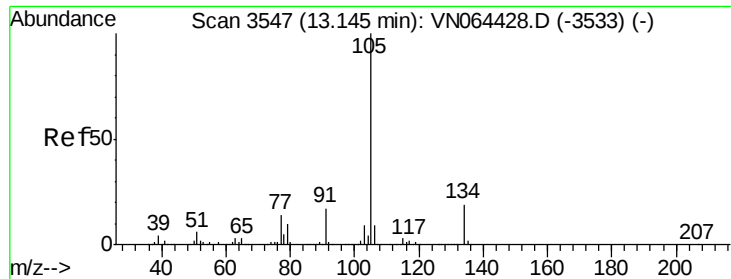
Tot Ion:119 Resp: 645299
Ion Ratio Lower Upper
119 100
91 70.5 36.1 108.3
134 24.3 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 51.578 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion:105 Resp: 811456
Ion Ratio Lower Upper
105 100
120 44.7 21.9 65.7





#85

sec-Butylbenzene

Concen: 55.834 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

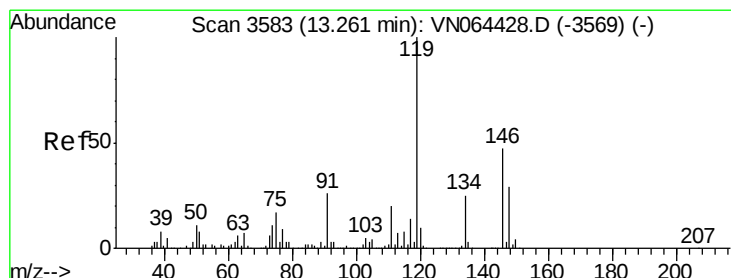
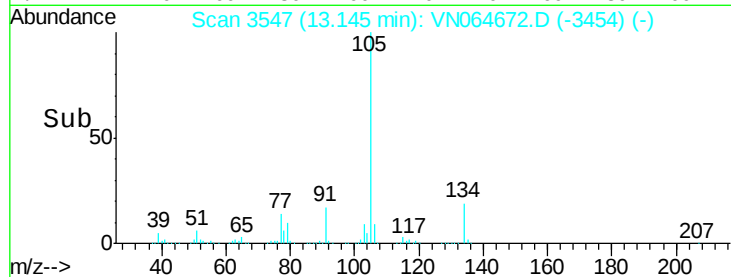
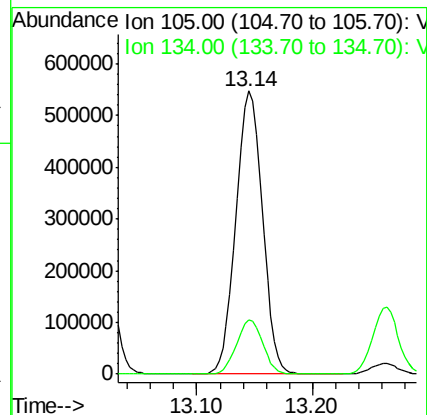
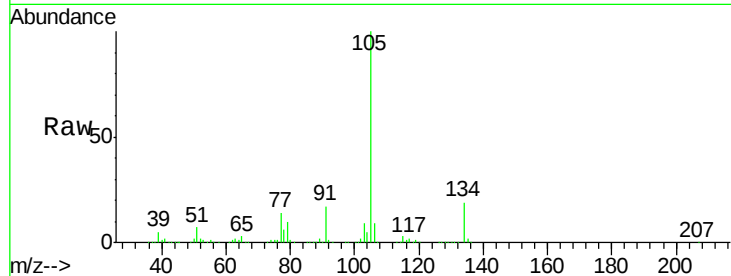
VSTDCCC050

Tot Ion:105 Resp: 864307

Ion Ratio Lower Upper

105 100

134 19.1 9.4 28.2



#86

p-Isopropyltoluene

Concen: 56.607 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

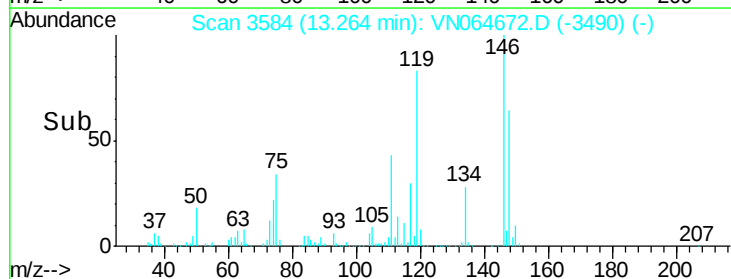
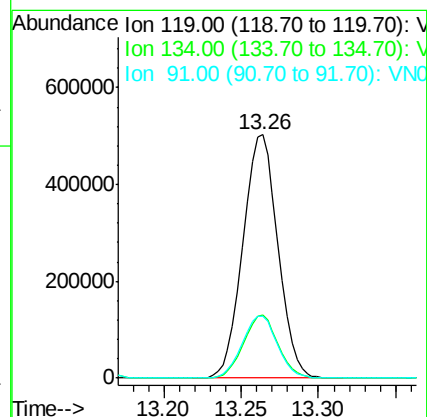
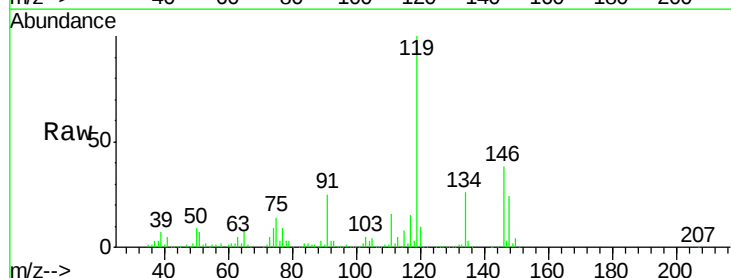
Tgt Ion:119 Resp: 788200

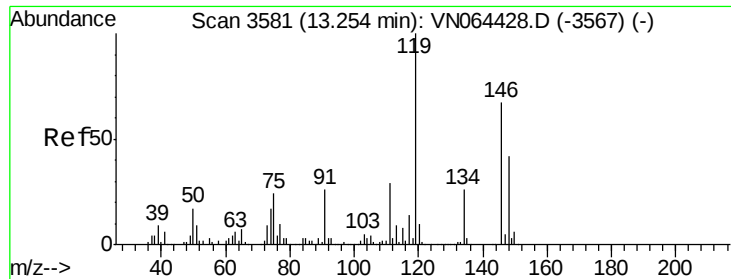
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.6

91 25.6 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 51.044 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

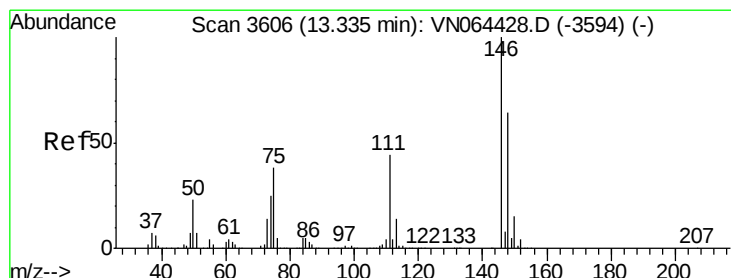
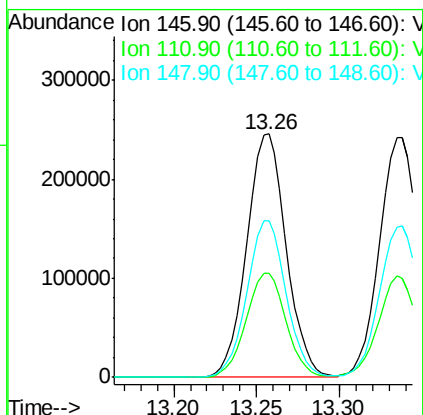
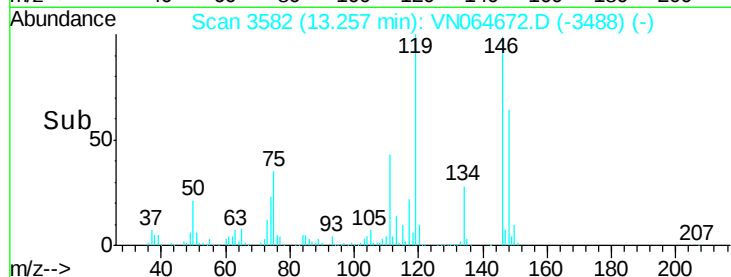
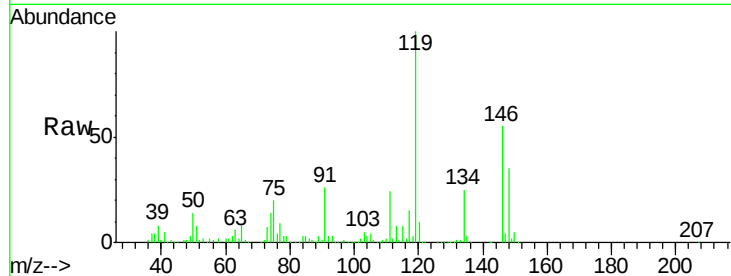
Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 408666

Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.1	66.1
148	63.9	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 49.129 ug/l

RT: 13.34 min Scan# 3607

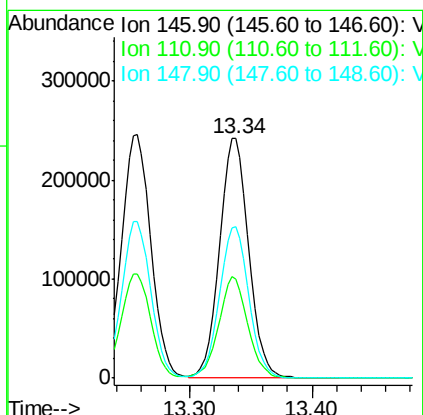
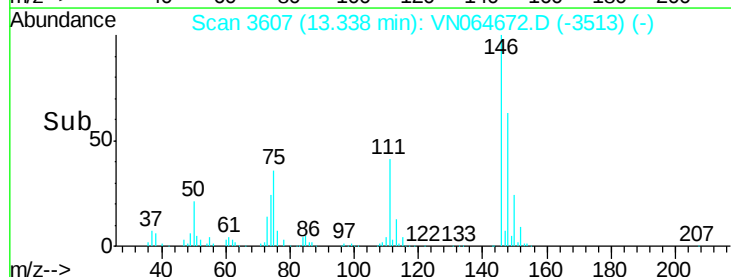
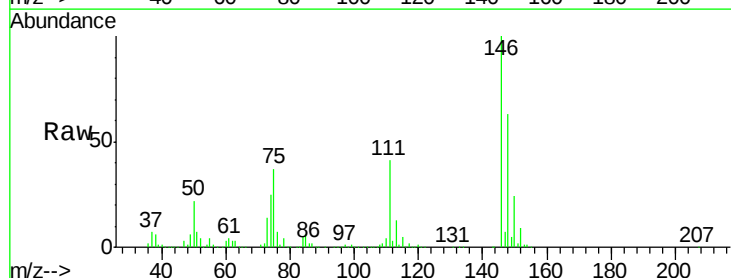
Delta R.T. 0.00 min

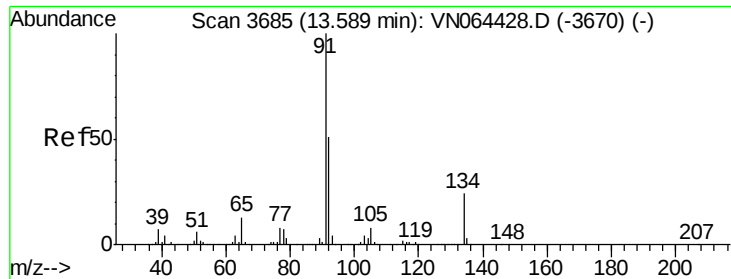
Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Tgt Ion:146 Resp: 406483

Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.8	65.3
148	63.0	32.4	97.2

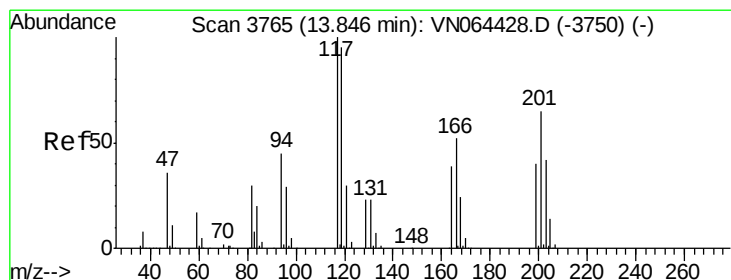
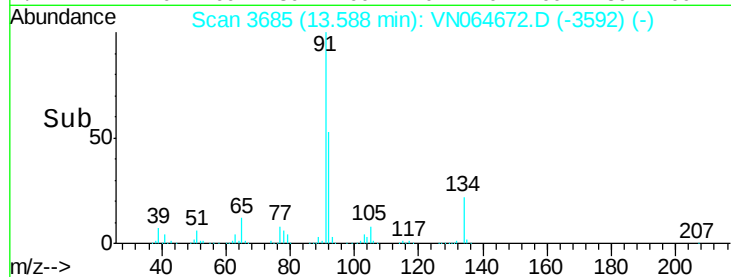
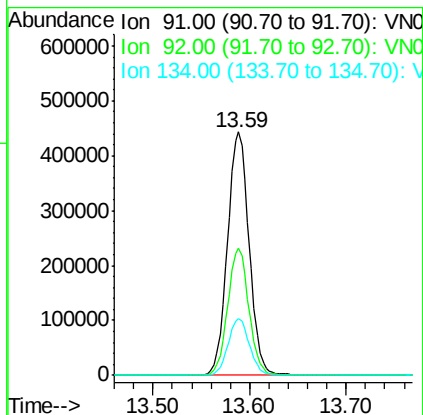
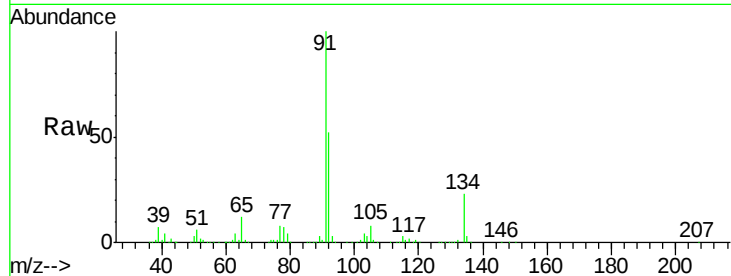




#89
n-Butylbenzene
Concen: 57.583 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

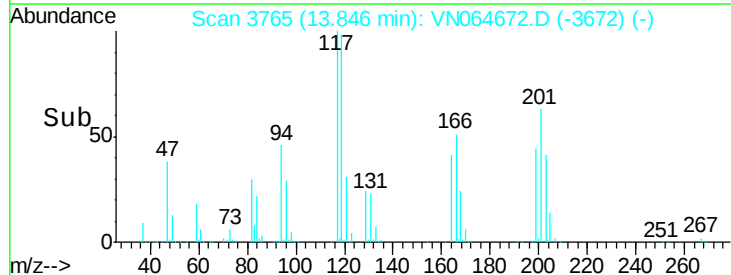
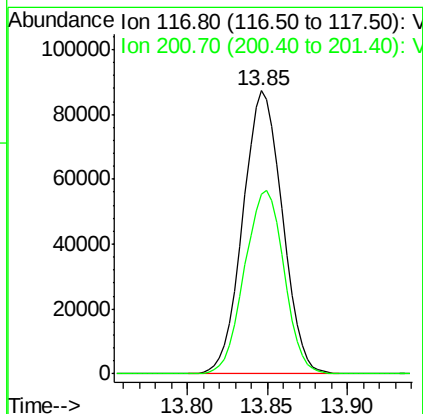
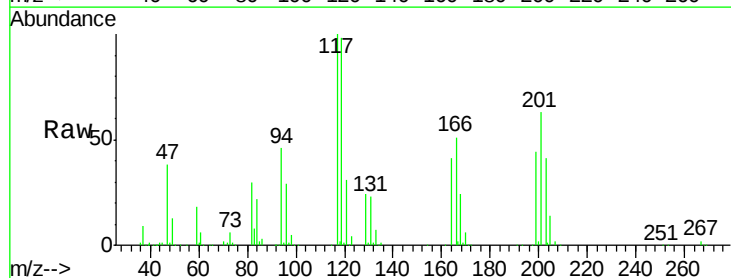
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

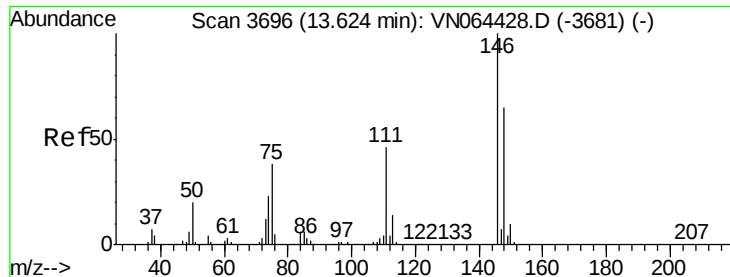
Tot Ion: 91 Resp: 689365
Ion Ratio Lower Upper
91 100
92 51.0 25.3 75.9
134 23.1 11.8 35.4



#90
Hexachloroethane
Concen: 54.891 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion: 117 Resp: 147437
Ion Ratio Lower Upper
117 100
201 65.1 32.5 97.5

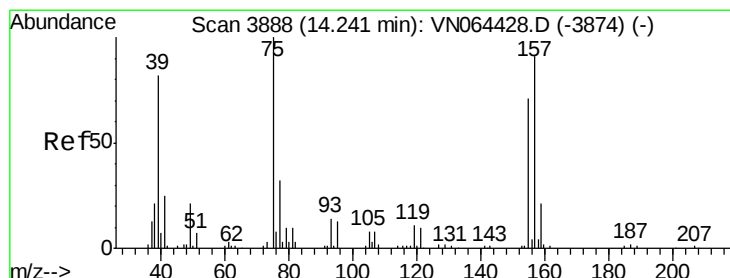
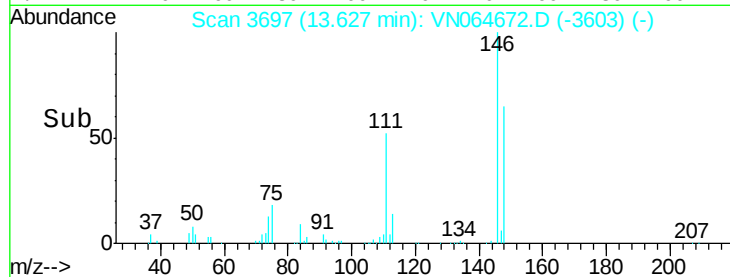
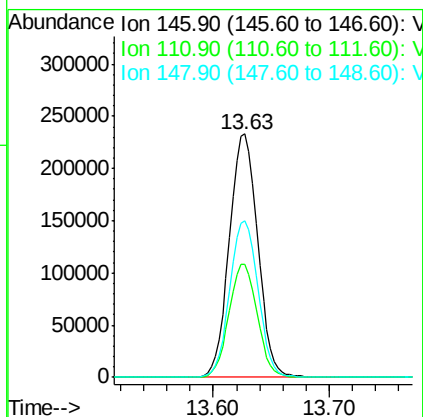
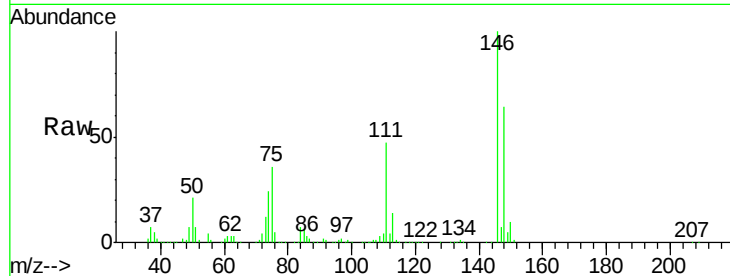




#91
 1,2-Dichlorobenzene
 Concen: 51.451 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064672.D
 Acq: 17 Nov 2020 11:02

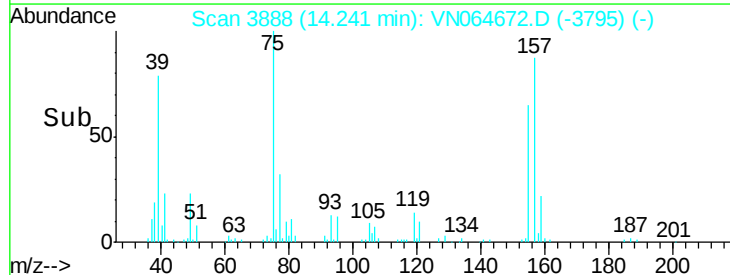
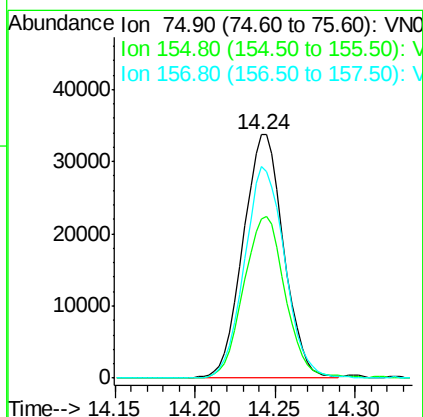
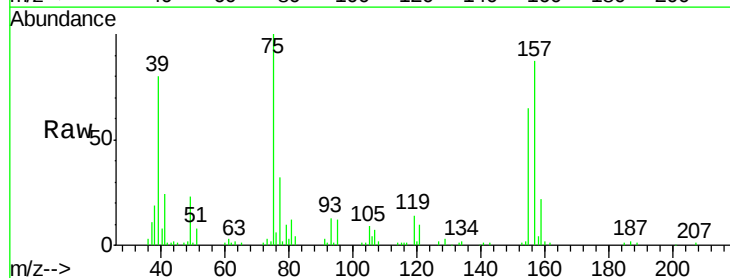
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

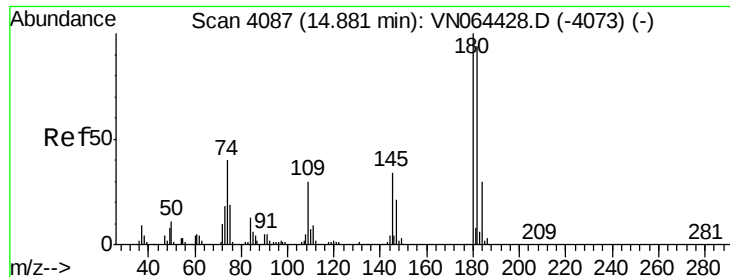
Tot Ion:146 Resp: 396234
 Ion Ratio Lower Upper
 146 100
 111 46.0 22.9 68.7
 148 64.2 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.517 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064672.D
 Acq: 17 Nov 2020 11:02

Tgt Ion: 75 Resp: 58605
 Ion Ratio Lower Upper
 75 100
 155 68.0 34.6 103.9
 157 86.5 43.0 128.8

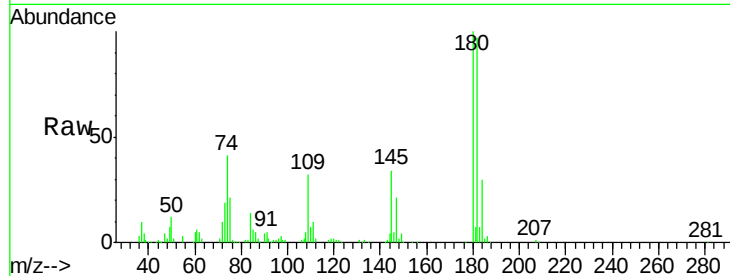




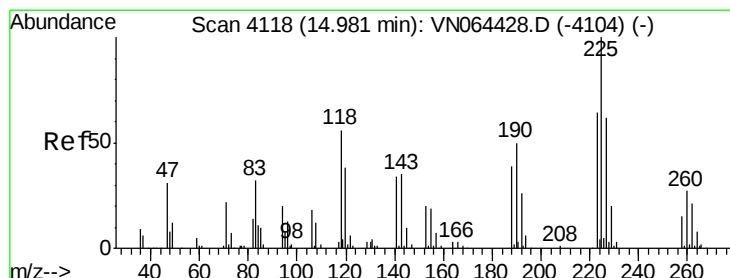
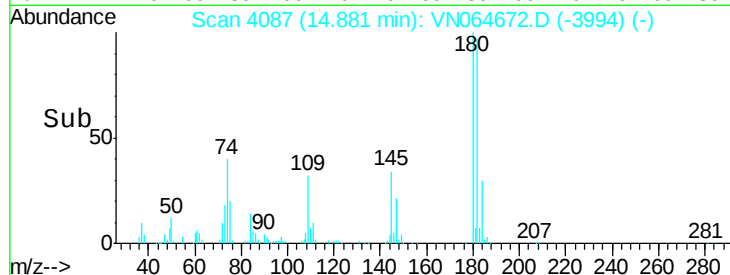
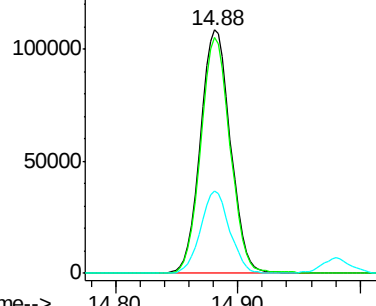
#93
1,2,4-Trichlorobenzene
Concen: 48.760 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	142.0
145	32.9	16.7	50.1

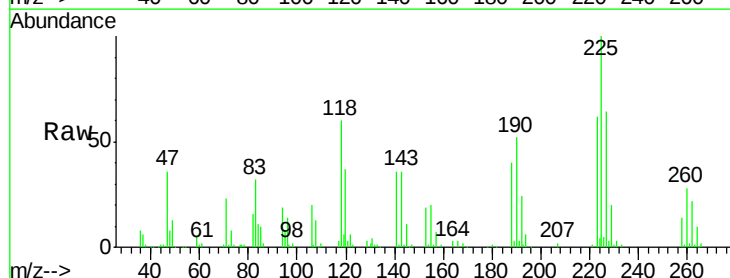


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

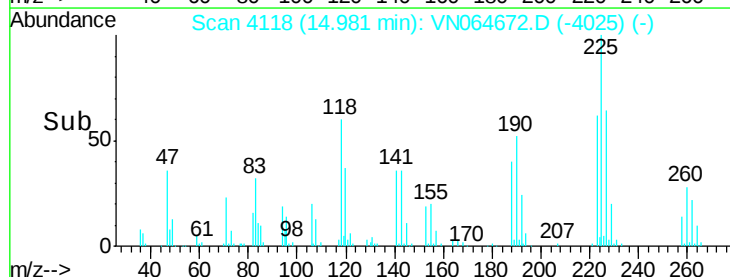
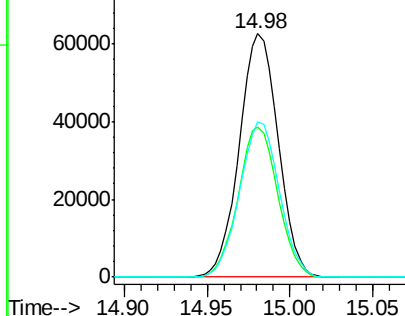


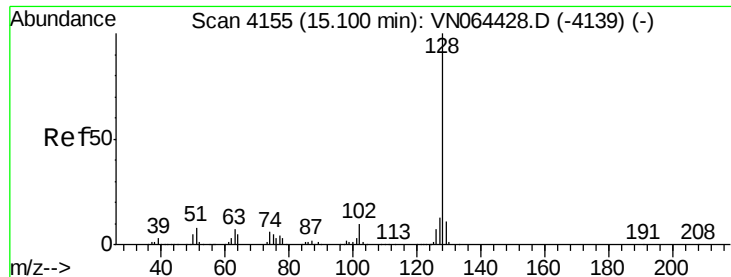
#94
Hexachlorobutadiene
Concen: 65.327 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064672.D
Acq: 17 Nov 2020 11:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.8	95.4
227	65.3	31.8	95.4



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





#95

Naphthalene

Concen: 41.898 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

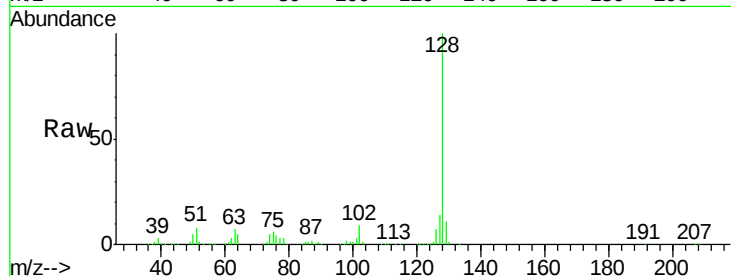
Tot Ion:128 Resp: 540183

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

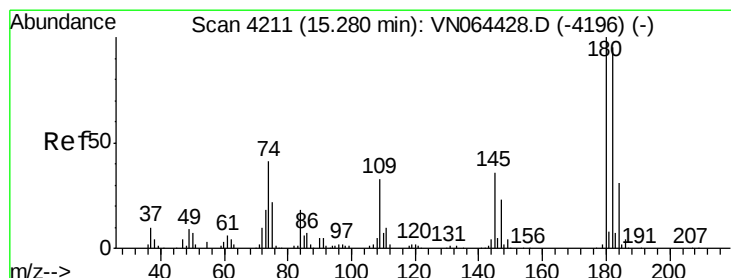
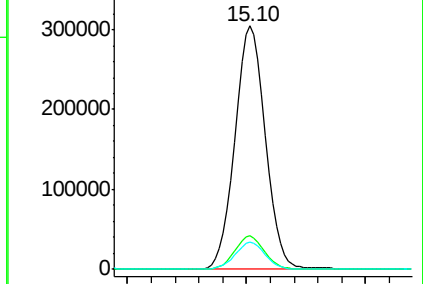
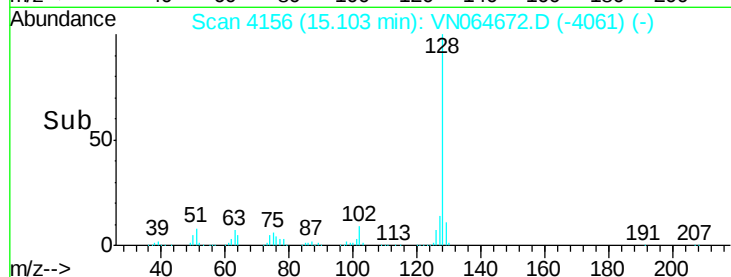
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.684 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064672.D

Acq: 17 Nov 2020 11:02

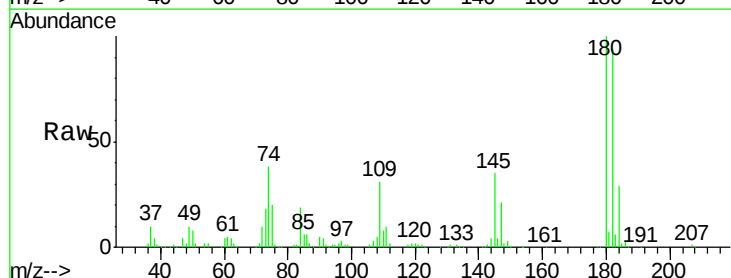
Tgt Ion:180 Resp: 184021

Ion Ratio Lower Upper

180 100

182 95.2 47.7 143.1

145 34.9 18.3 54.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

