

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
 Data File : VN064872.D
 Acq On : 30 Nov 2020 15:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 01 01:24:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	208923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	318090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	288972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	147808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	113455	46.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.42%
35) Dibromofluoromethane	7.55	113	97905	51.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.88%
50) Toluene-d8	10.06	98	382680	49.21	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.42%
62) 4-Bromofluorobenzene	12.38	95	138795	49.87	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.74%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	88893	49.094	ug/l	98
3) Chloromethane	2.04	50	110920	47.140	ug/l	98
4) Vinyl Chloride	2.16	62	119825	48.845	ug/l	97
5) Bromomethane	2.52	94	75956	47.193	ug/l	99
6) Chloroethane	2.67	64	75243	49.590	ug/l	99
7) Trichlorofluoromethane	2.98	101	174549	51.473	ug/l	98
8) Diethyl Ether	3.37	74	66942	50.012	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	111049	54.590	ug/l	99
10) Methyl Iodide	3.90	142	130528	49.469	ug/l	98
11) Tert butyl alcohol	4.75	59	92806	245.008	ug/l	99
12) 1,1-Dichloroethene	3.69	96	103535	51.105	ug/l	98
13) Acrolein	3.56	56	68800	297.359	ug/l	98
14) Allyl chloride	4.27	41	170510	51.028	ug/l	99
15) Acrylonitrile	4.93	53	280041	267.620	ug/l	98
16) Acetone	3.78	43	192355	240.914	ug/l	99
17) Carbon Disulfide	4.00	76	260316	49.765	ug/l	99
18) Methyl Acetate	4.28	43	123413	51.410	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	347518	53.484	ug/l	99
20) Methylene Chloride	4.50	84	123556	49.384	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	114661	50.965	ug/l	99
22) Diisopropyl ether	5.90	45	364405	54.485	ug/l	97
23) Vinyl Acetate	5.84	43	1467427	274.369	ug/l	100
24) 1,1-Dichloroethane	5.79	63	210211	52.591	ug/l	100
25) 2-Butanone	6.79	43	339026	261.937	ug/l	96
26) 2,2-Dichloropropane	6.77	77	182634	52.683	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	132401	52.299	ug/l	98
28) Bromochloromethane	7.15	49	88570	48.437	ug/l	96
29) Tetrahydrofuran	7.17	42	230296	257.761	ug/l	99
30) Chloroform	7.32	83	215888	52.375	ug/l	100
31) Cyclohexane	7.61	56	174038	51.411	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	187586	52.987	ug/l	99
36) 1,1-Dichloropropene	7.75	75	163454	55.439	ug/l	100
37) Ethyl Acetate	6.88	43	148502	52.288	ug/l	97
38) Carbon Tetrachloride	7.73	117	166534	54.285	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	184584	58.156	ug/l	99
40) Benzene	8.00	78	486655	53.864	ug/l	98
41) Methacrylonitrile	7.12	41	63245	48.261	ug/l	97
42) 1,2-Dichloroethane	8.08	62	161600	53.021	ug/l	100
43) Isopropyl Acetate	8.13	43	242576	53.080	ug/l #	91
44) Trichloroethene	8.80	130	145502	54.582	ug/l	98
45) 1,2-Dichloropropane	9.08	63	130638	55.835	ug/l	99
46) Dibromomethane	9.17	93	83712	53.555	ug/l	100
47) Bromodichloromethane	9.37	83	171816	54.629	ug/l	100
48) Methyl methacrylate	9.16	41	117014	53.585	ug/l	97
49) 1,4-Dioxane	9.17	88	44328	1074.022	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	738992	269.351	ug/l	100
52) Toluene	10.12	92	308592	55.462	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	190317	54.329	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	207903	55.370	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	124048	54.217	ug/l	97
56) Ethyl methacrylate	10.40	69	179562	56.871	ug/l	99
57) 1,3-Dichloropropane	10.68	76	206059	54.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	503353	289.824	ug/l	100
59) 2-Hexanone	10.72	43	541680	274.333	ug/l	100
60) Dibromochloromethane	10.87	129	139820	54.976	ug/l	99
61) 1,2-Dibromoethane	10.98	107	129399	55.667	ug/l	99
64) Tetrachloroethene	10.60	164	164506	58.514	ug/l	99
65) Chlorobenzene	11.41	112	338388	54.530	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	125434	55.001	ug/l	99
67) Ethyl Benzene	11.48	91	590993	57.008	ug/l	100
68) m/p-Xylenes	11.59	106	459906	117.174	ug/l	99
69) o-Xylene	11.92	106	215778	57.933	ug/l	99
70) Styrene	11.94	104	374408	59.546	ug/l	99
71) Bromoform	12.10	173	98867	54.278	ug/l #	99
73) Isopropylbenzene	12.22	105	580668	56.479	ug/l	100
74) N-amyl acetate	12.05	43	217161	53.673	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	152029	50.451	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	228432	71.763	ug/l #	100
77) Bromobenzene	12.50	156	147035	53.047	ug/l	99
78) n-propylbenzene	12.57	91	676265	57.740	ug/l	99
79) 2-Chlorotoluene	12.65	91	396540	54.772	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	501232	58.654	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	61472	52.928	ug/l #	93
82) 4-Chlorotoluene	12.75	91	420078	55.356	ug/l	99
83) tert-Butylbenzene	12.97	119	418278	58.395	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	509588	58.979	ug/l	99
85) sec-Butylbenzene	13.14	105	569154	59.846	ug/l	100
86) p-Isopropyltoluene	13.26	119	532378	61.486	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	269053	54.636	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	269225	51.696	ug/l	100
89) n-Butylbenzene	13.59	91	466155	61.305	ug/l	99
90) Hexachloroethane	13.85	117	87884	58.427	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	261778	54.139	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	33579	49.523	ug/l	95

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QLast Update : Mon Nov 23 13:54:12 2020
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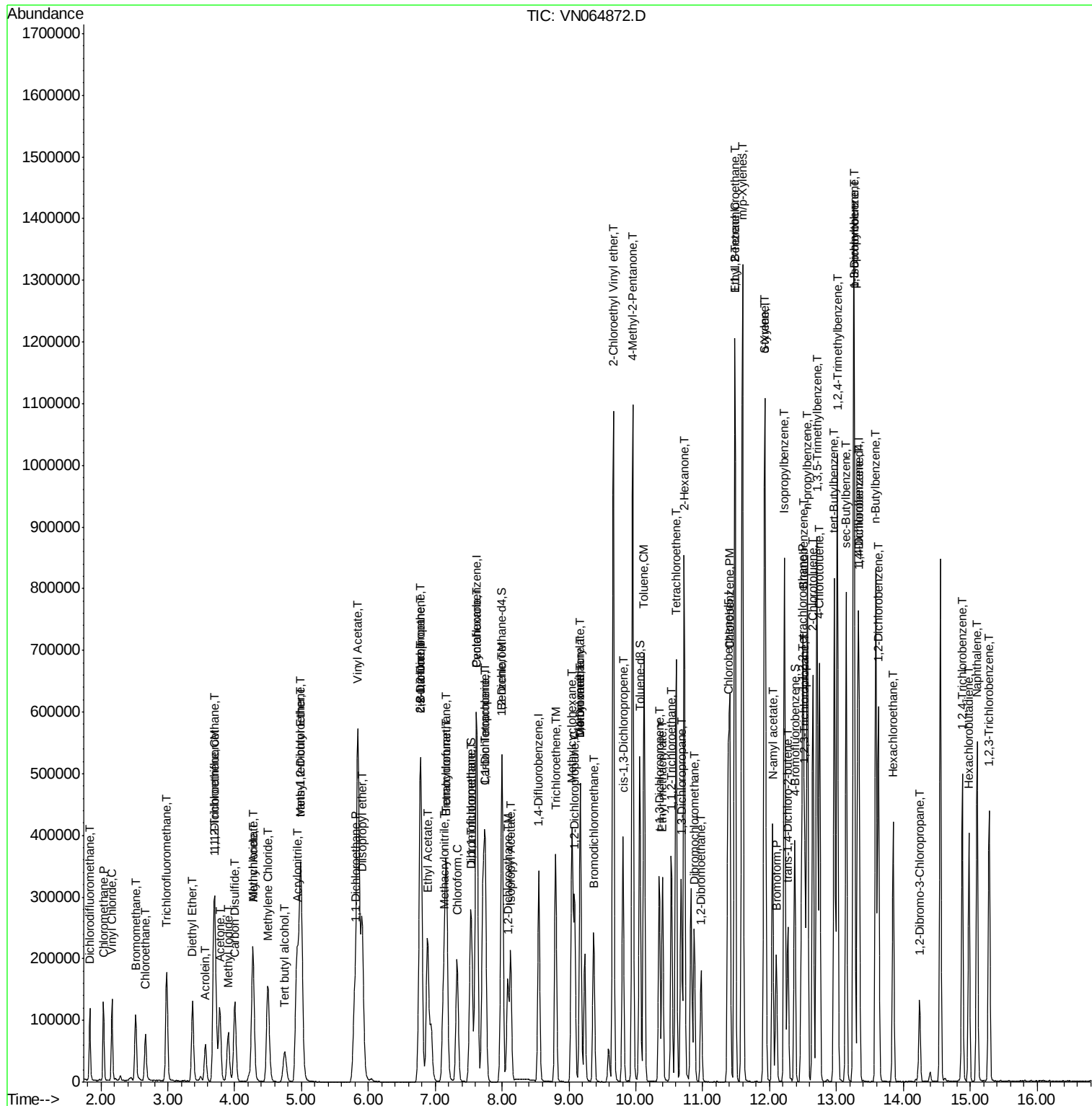
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	165275	55.254	ug/l	100
94) Hexachlorobutadiene	14.98	225	82010	60.804	ug/l	98
95) Naphthalene	15.10	128	468375	52.267	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	157753	55.344	ug/l	99

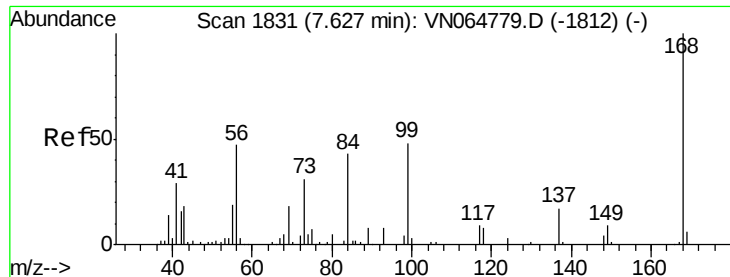
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

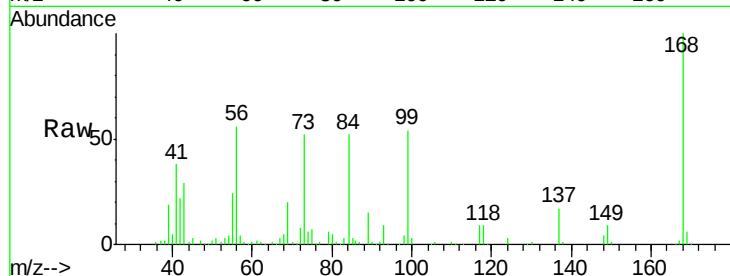
VSTDCCC050EC

Tot Ion:168 Resp: 208923

Ion Ratio Lower Upper

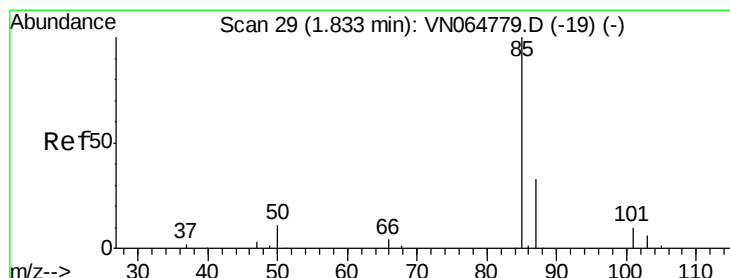
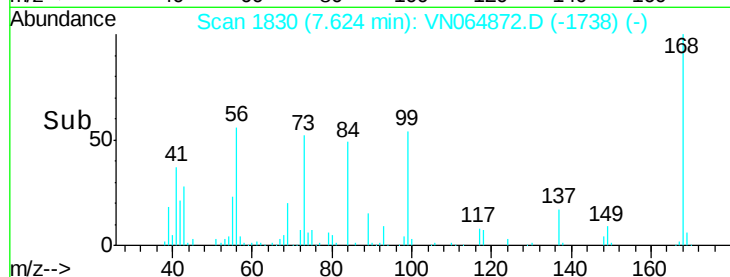
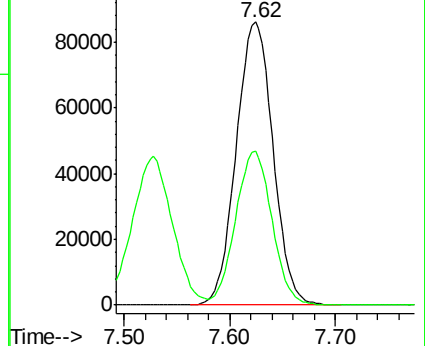
168 100

99 54.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 49.094 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064872.D

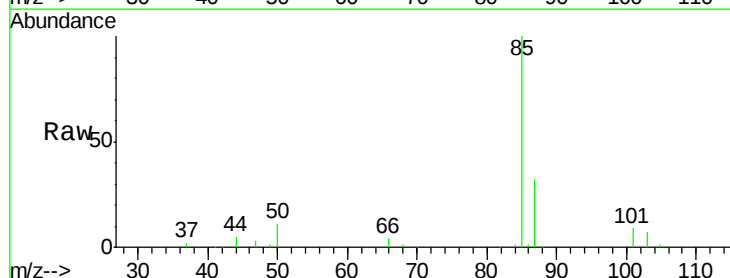
Acq: 30 Nov 2020 15:10

Tgt Ion: 85 Resp: 88893

Ion Ratio Lower Upper

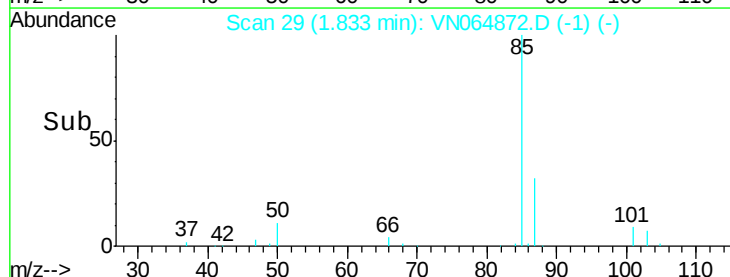
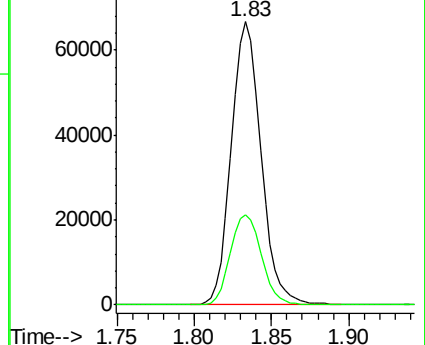
85 100

87 32.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 47.140 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

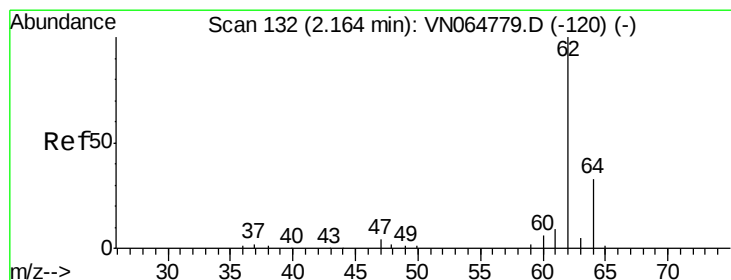
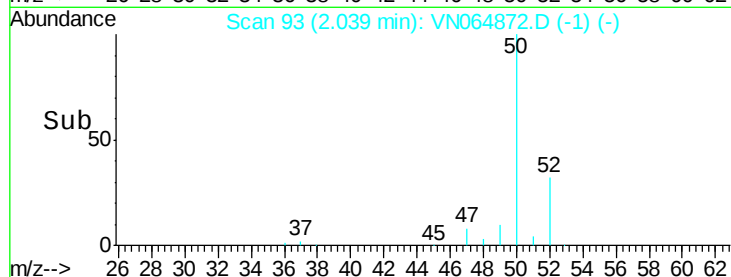
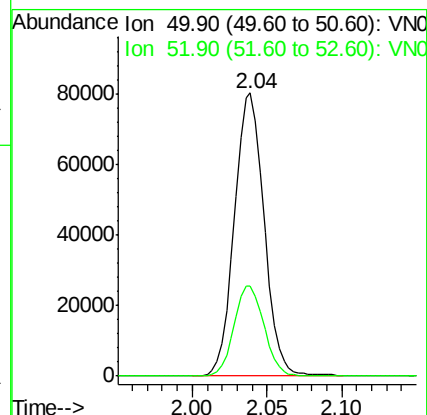
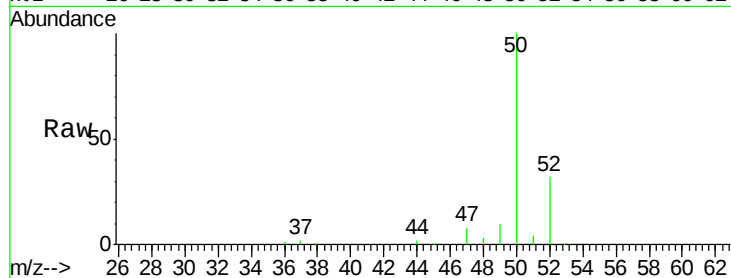
VSTDCCC050EC

Tot Ion: 50 Resp: 110920

Ion Ratio Lower Upper

50 100

52 31.9 26.6 39.8



#4

Vinyl Chloride

Concen: 48.845 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064872.D

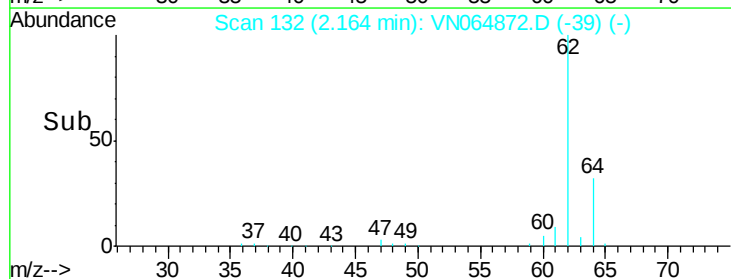
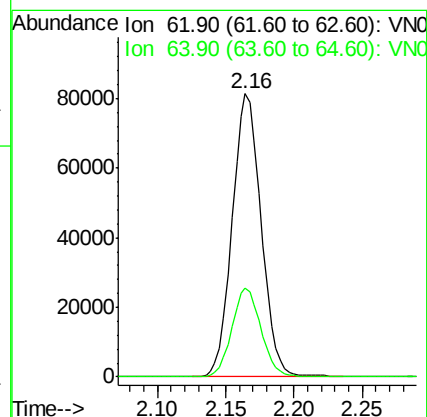
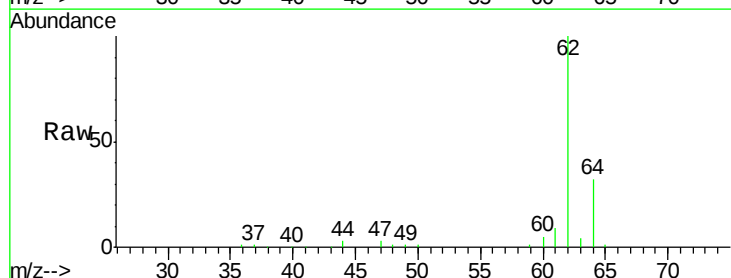
Acq: 30 Nov 2020 15:10

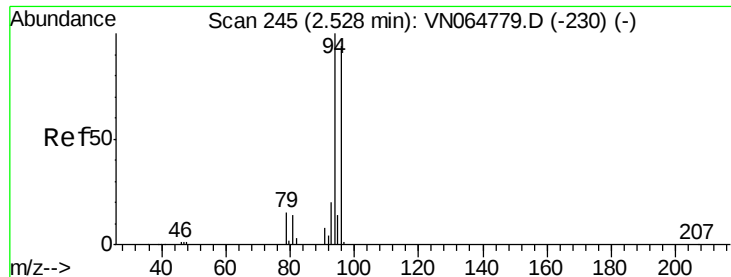
Tgt Ion: 62 Resp: 119825

Ion Ratio Lower Upper

62 100

64 31.6 26.5 39.7





#5

Bromomethane

Concen: 47.193 ug/l

RT: 2.52 min Scan# 242

Delta R.T. -0.01 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

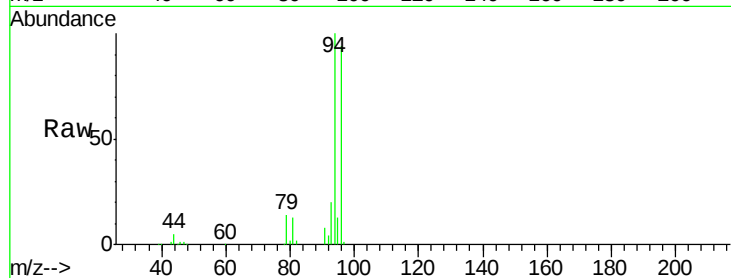
VSTDCCC050EC

Tot Ion: 94 Resp: 75956

Ion Ratio Lower Upper

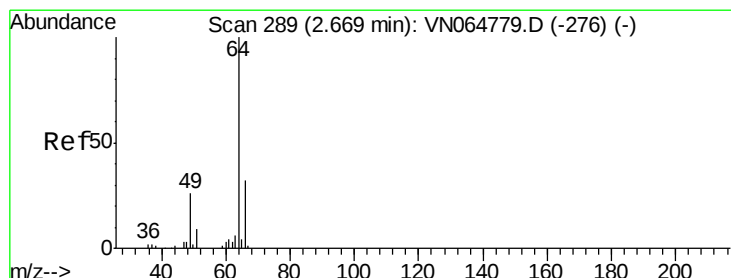
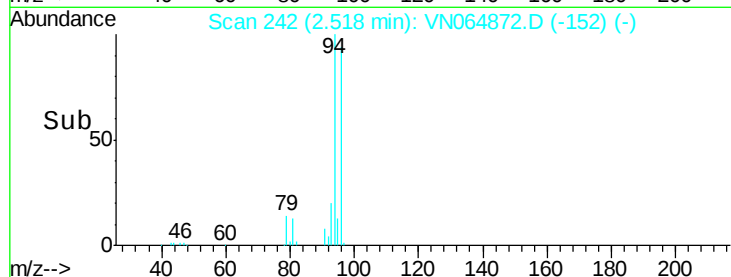
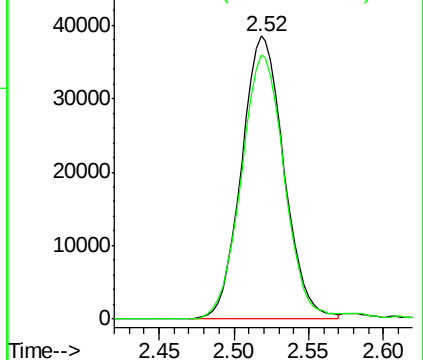
94 100

96 93.5 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.590 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN064872.D

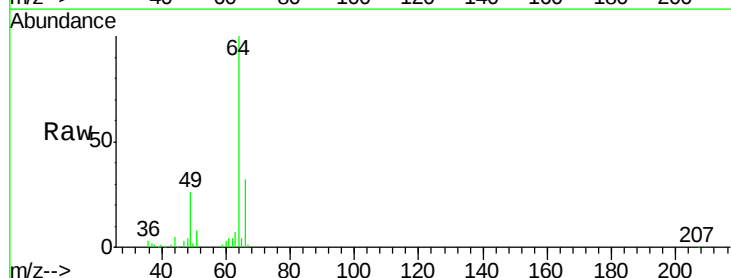
Acq: 30 Nov 2020 15:10

Tgt Ion: 64 Resp: 75243

Ion Ratio Lower Upper

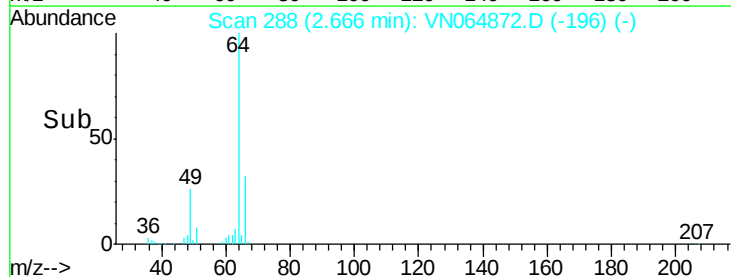
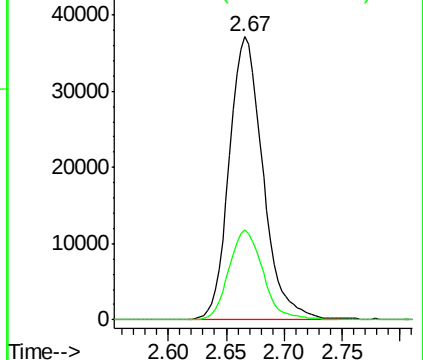
64 100

66 31.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



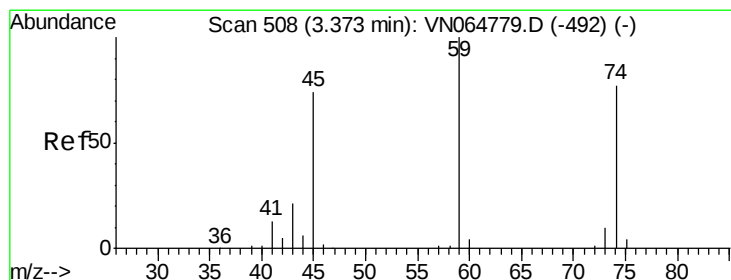
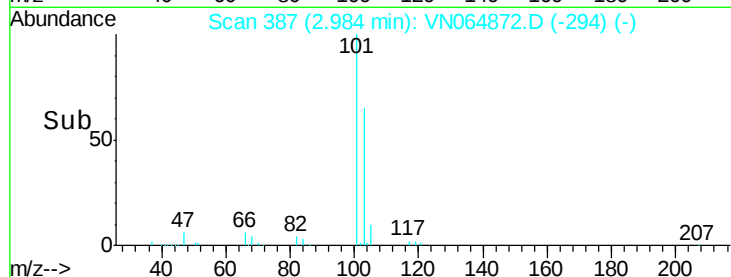
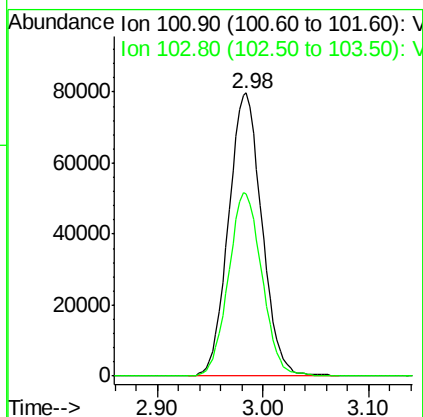
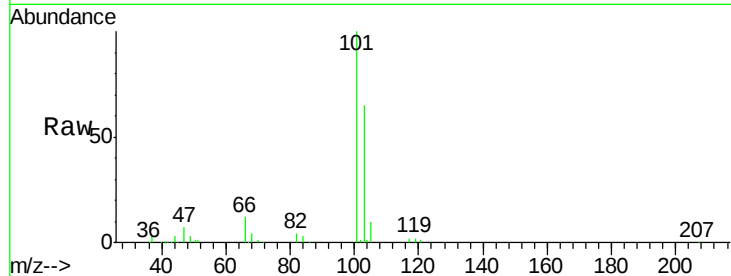


#7

Trichlorofluoromethane
Concen: 51.473 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

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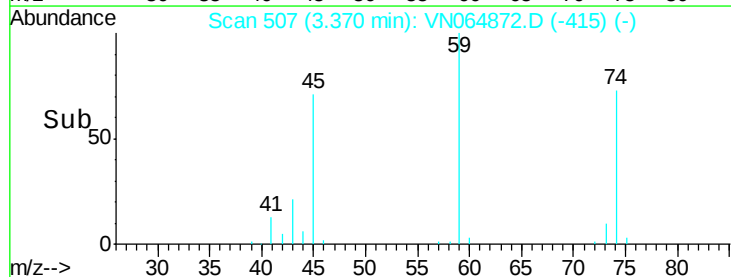
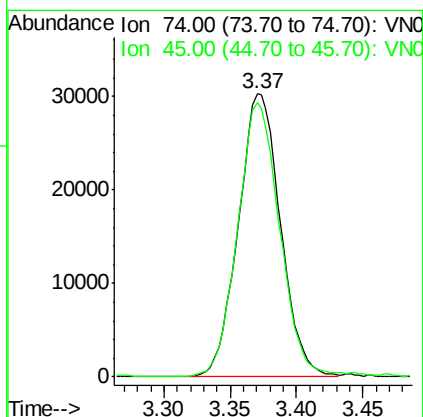
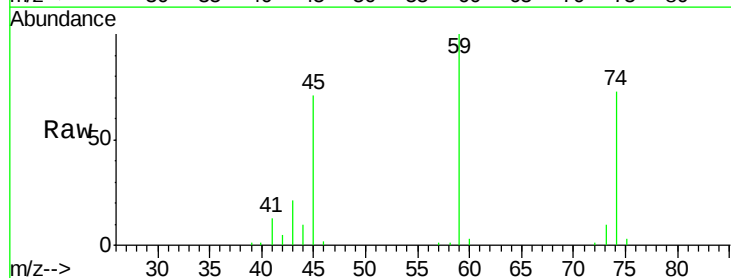
Tot Ion:101 Resp: 174549
Ion Ratio Lower Upper
101 100
103 64.6 50.5 75.7

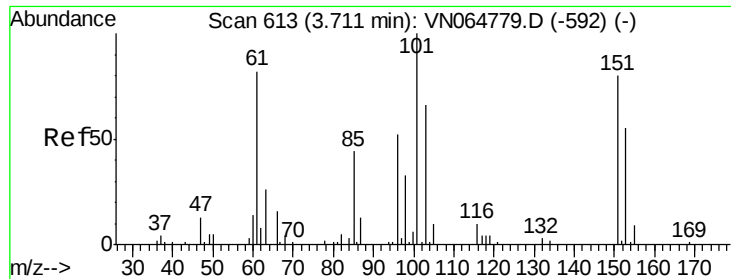


#8

Diethyl Ether
Concen: 50.012 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 74 Resp: 66942
Ion Ratio Lower Upper
74 100
45 97.4 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.590 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

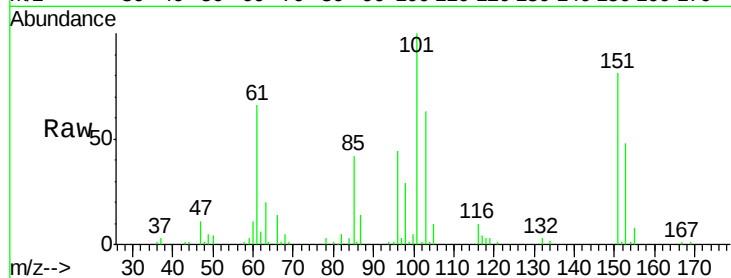
Tot Ion:101 Resp: 111049

Ion Ratio Lower Upper

101 100

85 42.0 34.4 51.6

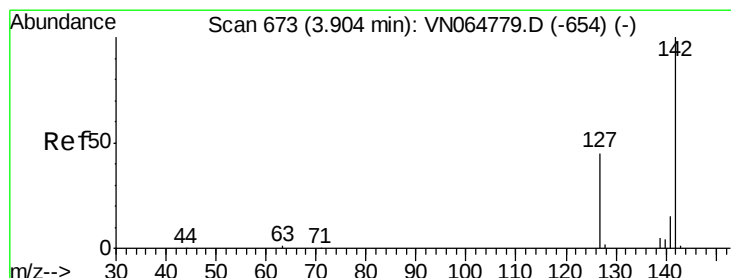
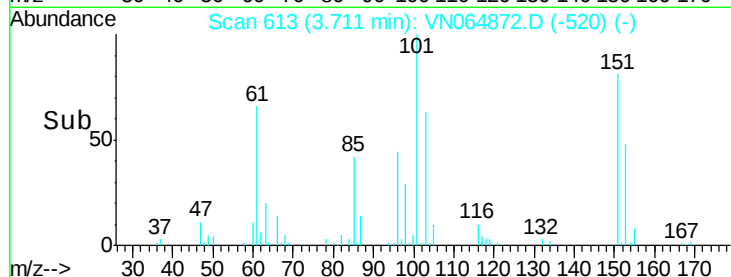
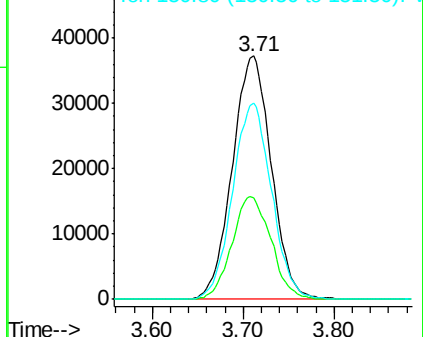
151 80.6 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.469 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

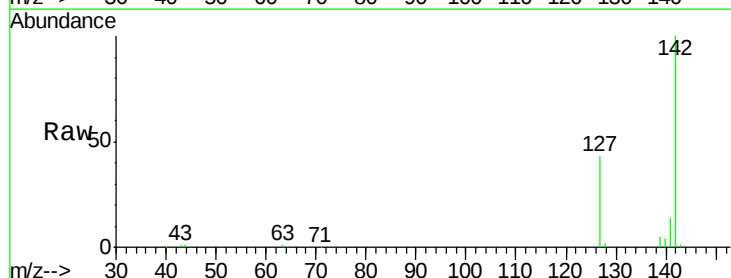
Tgt Ion:142 Resp: 130528

Ion Ratio Lower Upper

142 100

127 42.6 35.0 52.6

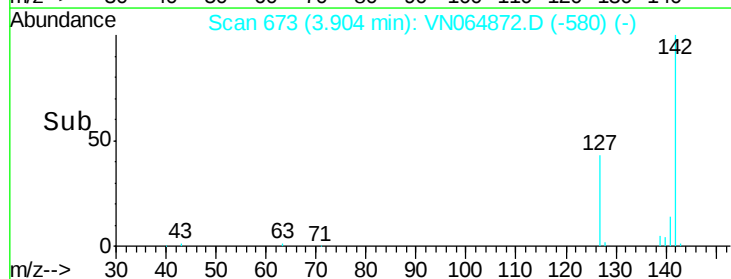
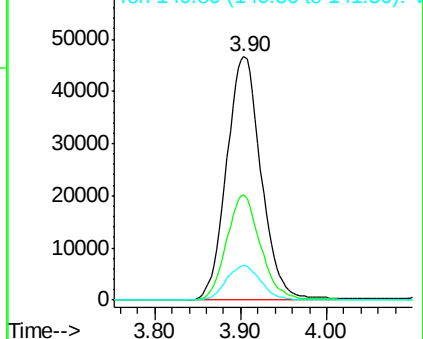
141 14.0 11.8 17.6

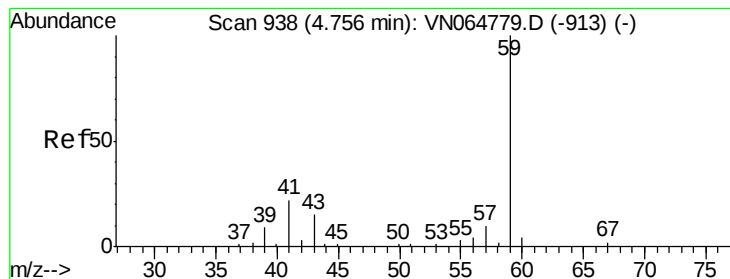


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



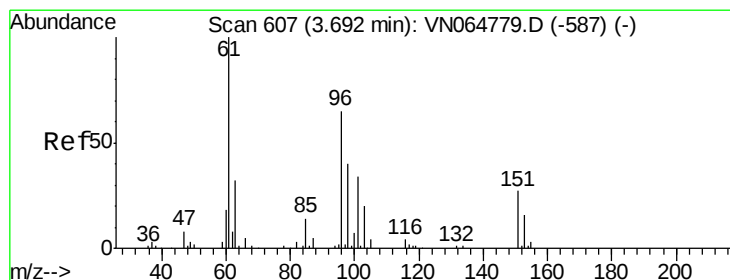
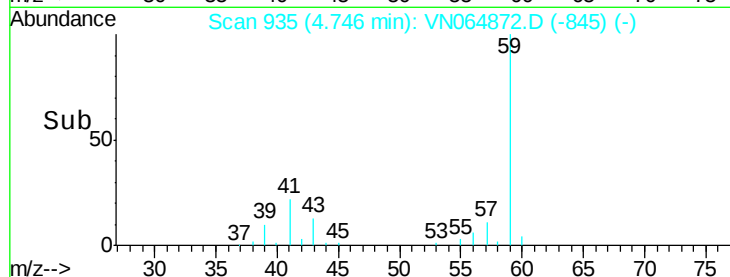
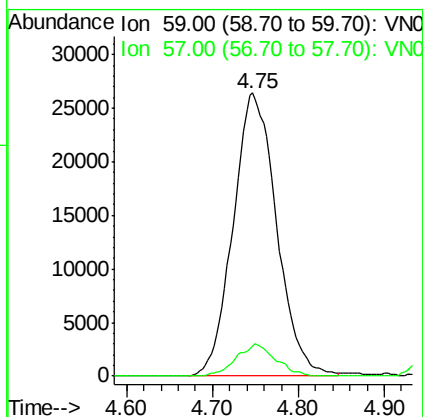
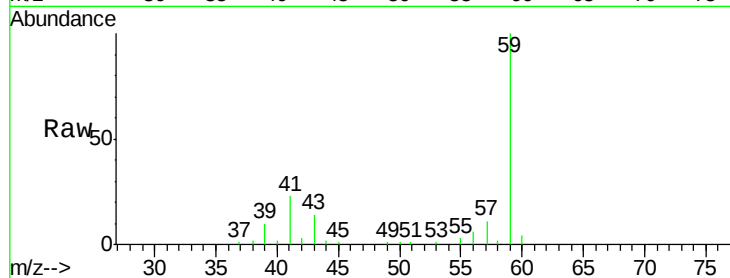


#11

Tert butyl alcohol
Concen: 245.008 ug/l
RT: 4.75 min Scan# 935
Delta R.T. -0.01 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

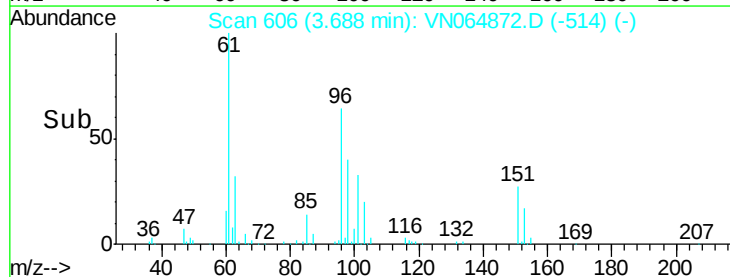
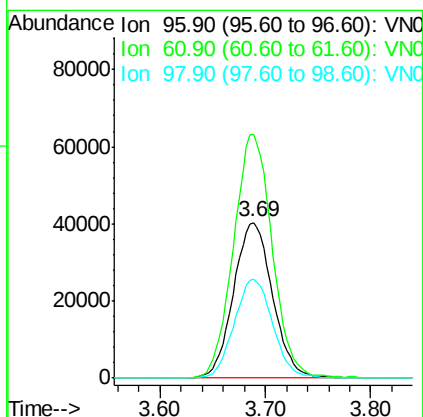
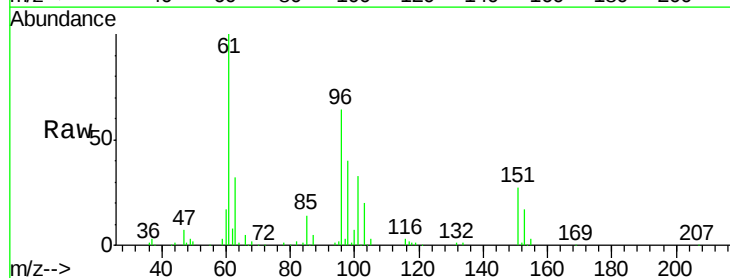
Tot Ion: 59 Resp: 92806
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9

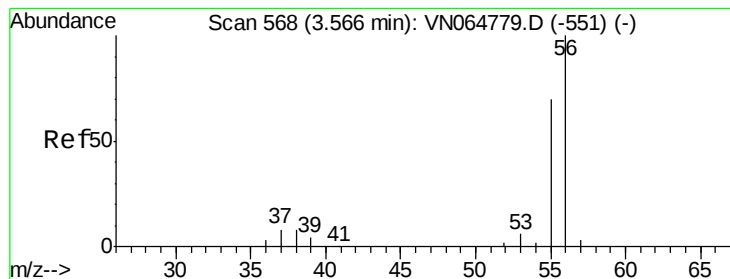


#12

1,1-Dichloroethene
Concen: 51.105 ug/l
RT: 3.69 min Scan# 606
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 96 Resp: 103535
Ion Ratio Lower Upper
96 100
61 156.7 123.4 185.2
98 63.4 49.8 74.8





#13

Acrolein

Concen: 297.359 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

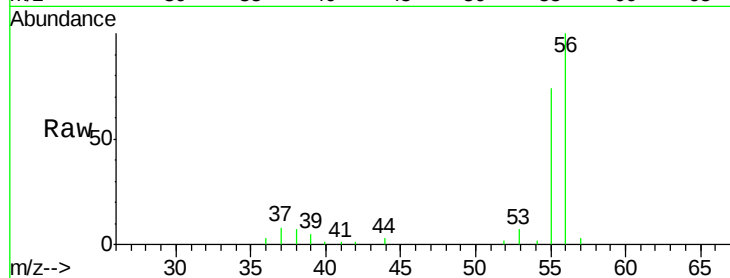
VSTDCCC050EC

Tot Ion: 56 Resp: 68800

Ion Ratio Lower Upper

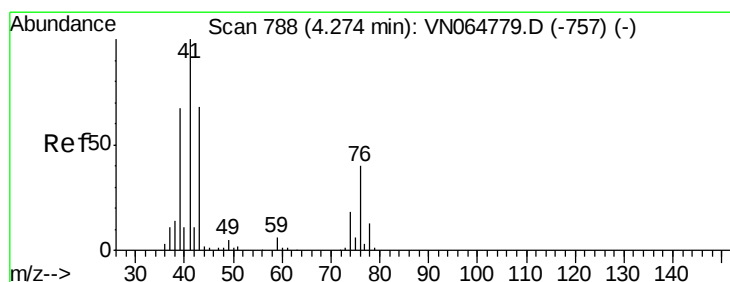
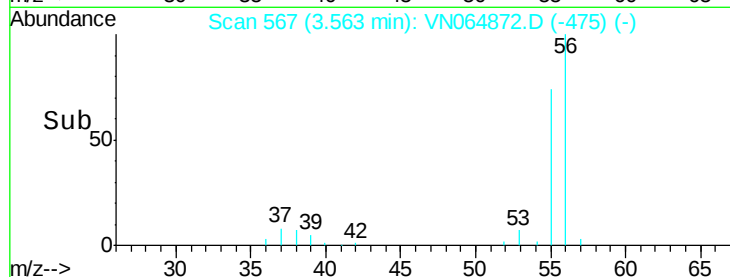
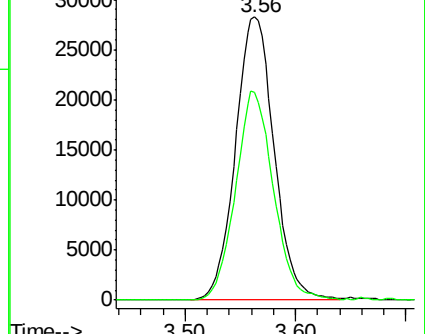
56 100

55 72.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN064779.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN064779.D (-551) (-)



#14

Allyl chloride

Concen: 51.028 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

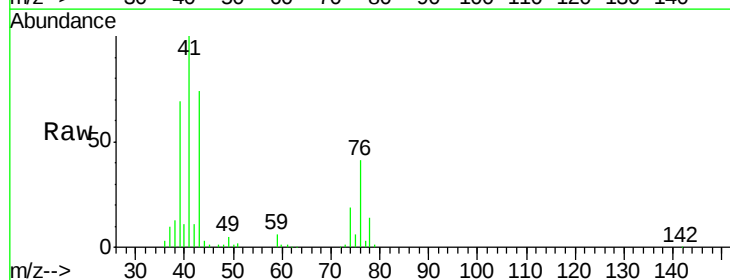
Tgt Ion: 41 Resp: 170510

Ion Ratio Lower Upper

41 100

39 62.9 50.9 76.3

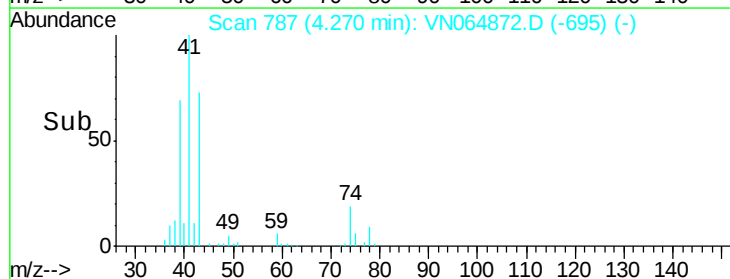
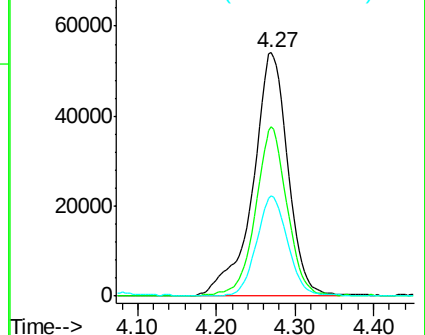
76 36.7 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN064779.D (-757) (-)





#15

Acrylonitrile

Concen: 267.620 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

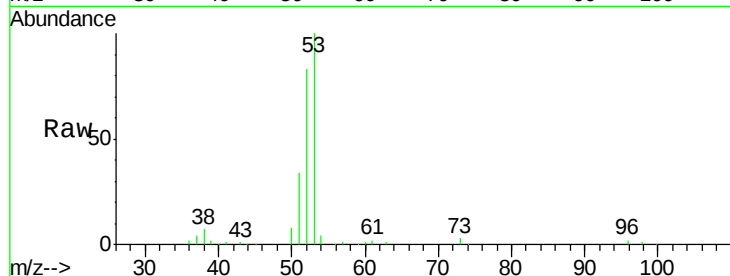
Tot Ion: 53 Resp: 280041

Ion Ratio Lower Upper

53 100

52 80.3 65.5 98.3

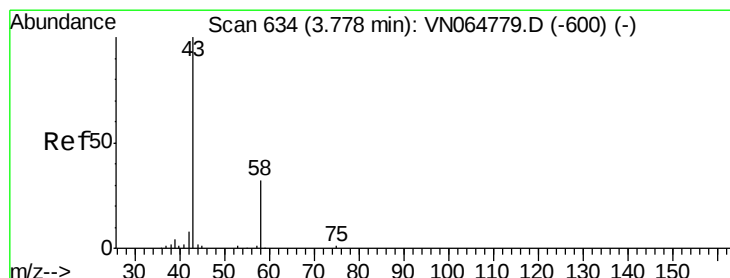
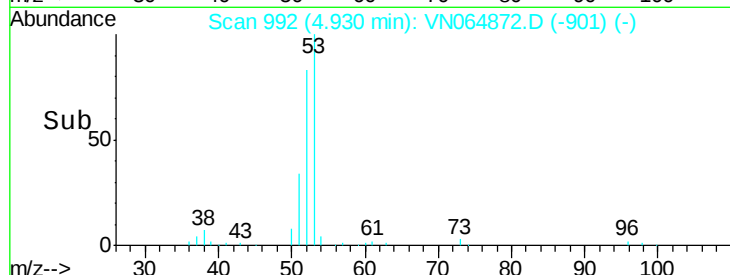
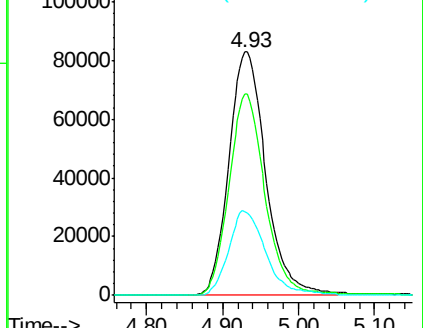
51 35.1 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064872.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN064872.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN064872.D (-901) (-)



#16

Acetone

Concen: 240.914 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064872.D

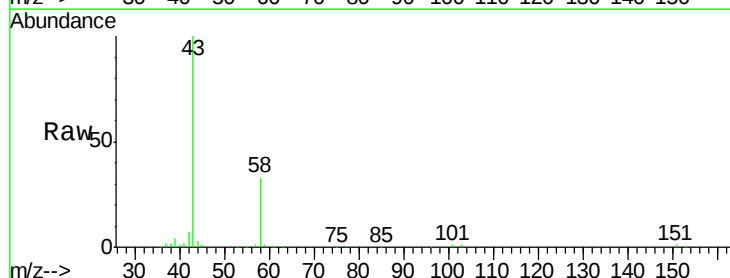
Acq: 30 Nov 2020 15:10

Tgt Ion: 43 Resp: 192355

Ion Ratio Lower Upper

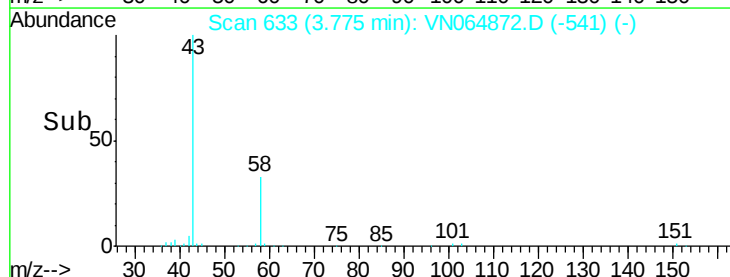
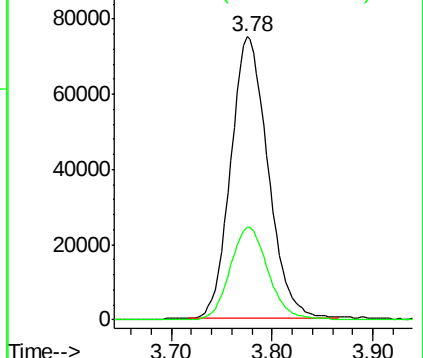
43 100

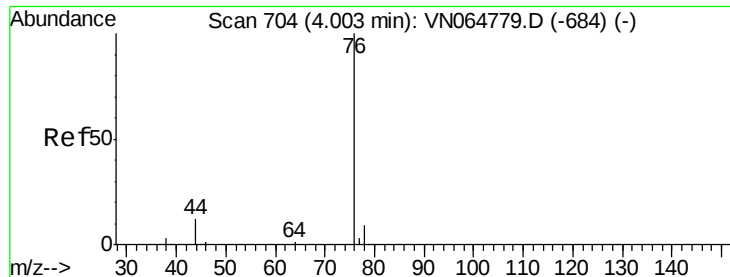
58 32.8 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064872.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064872.D (-541) (-)

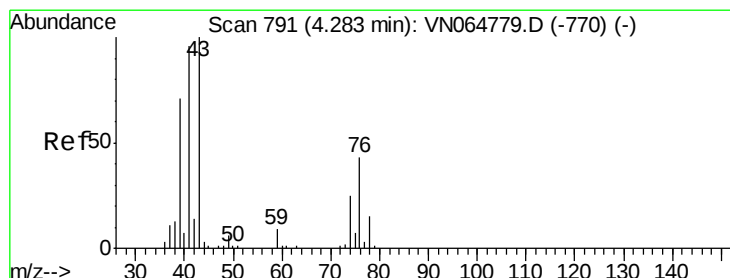
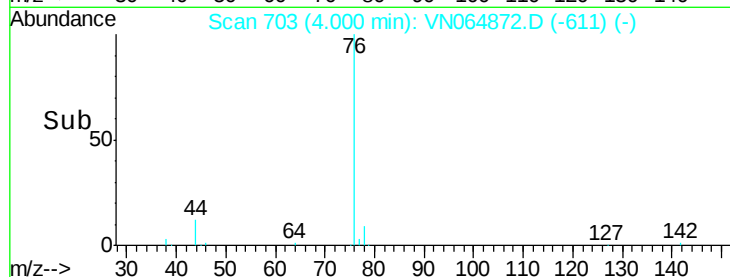
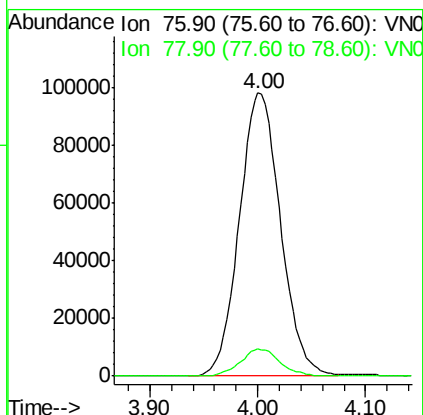
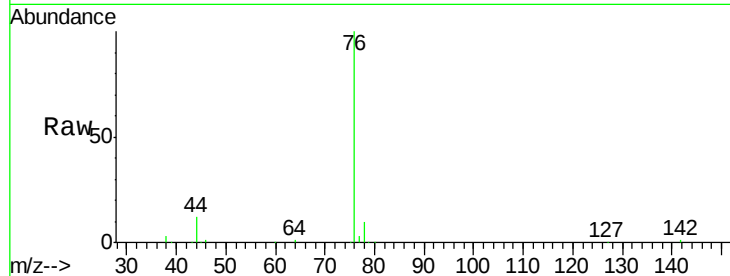




#17
Carbon Disulfide
Concen: 49.765 ug/l
RT: 4.00 min Scan# 703
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

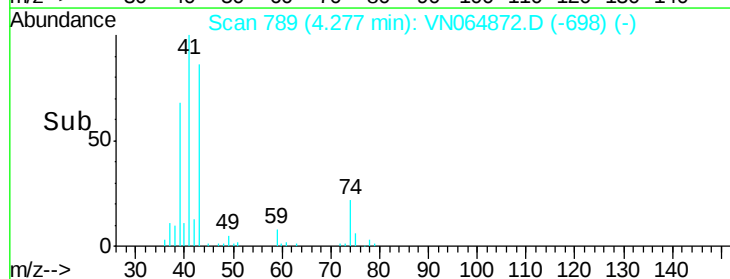
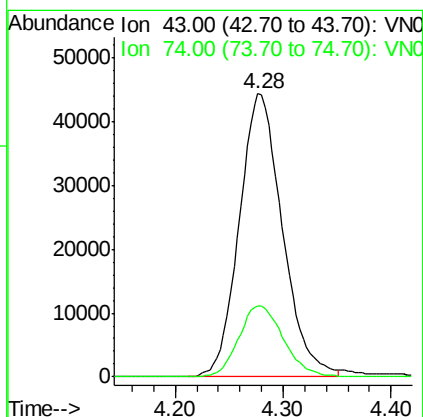
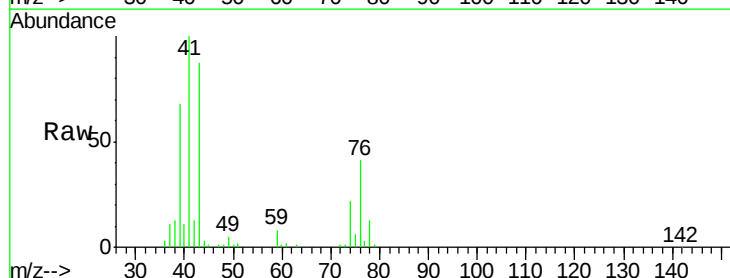
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

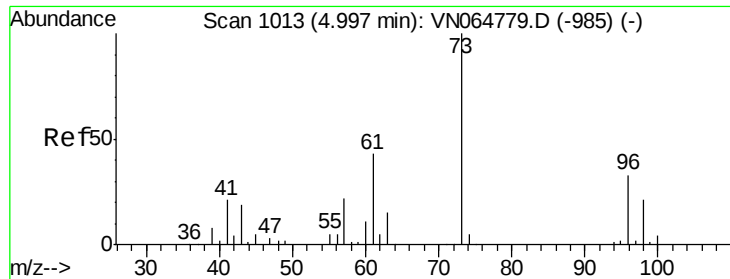
Tot Ion: 76 Resp: 260316
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 51.410 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 43 Resp: 123413
Ion Ratio Lower Upper
43 100
74 26.0 20.2 30.2

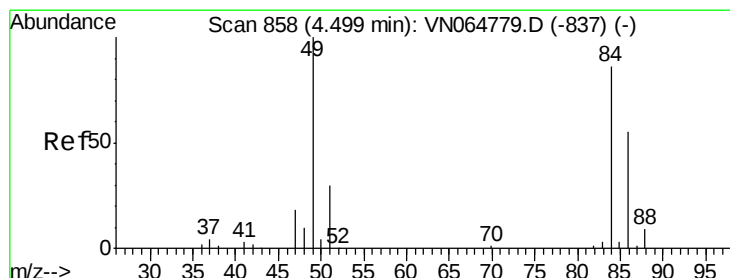
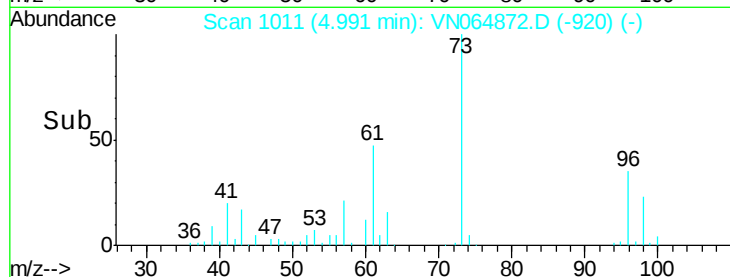
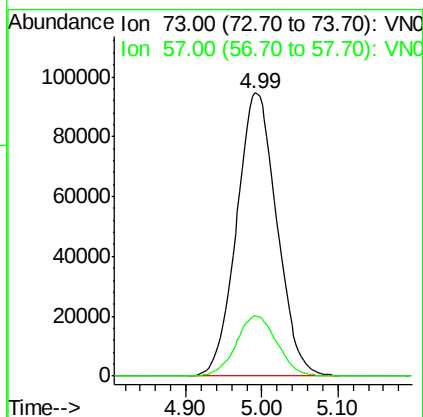
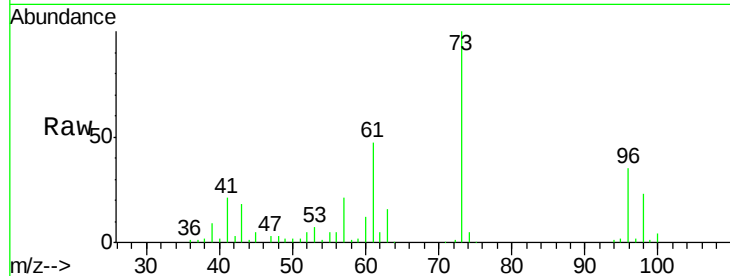




#19
Methvl tert-butvl Ether
Concen: 53.484 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

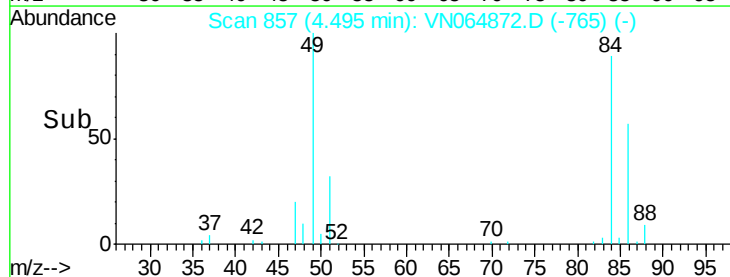
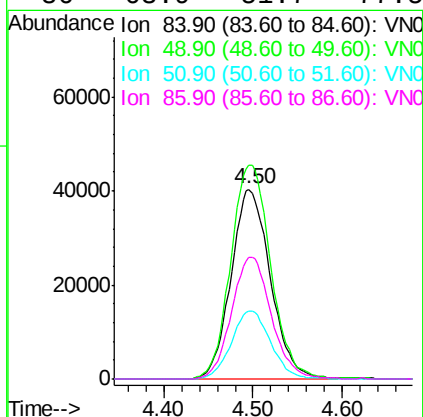
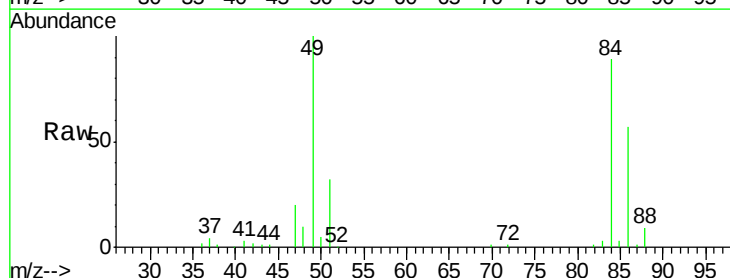
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

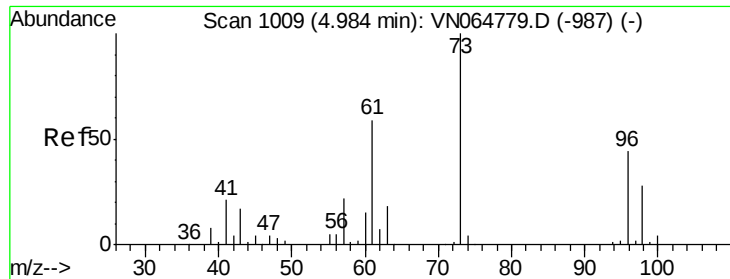
Tot Ion: 73 Resp: 347518
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0



#20
Methylene Chloride
Concen: 49.384 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 84 Resp: 123556
Ion Ratio Lower Upper
84 100
49 112.5 93.4 140.0
51 36.0 28.2 42.4
86 63.9 51.7 77.5

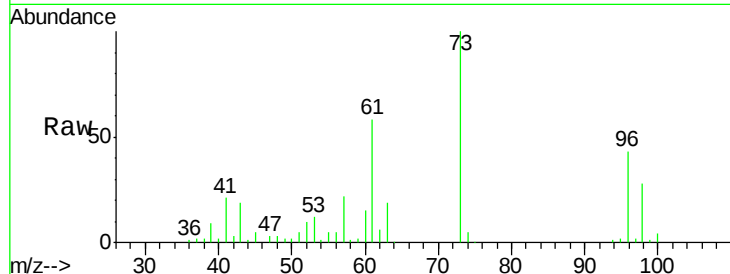




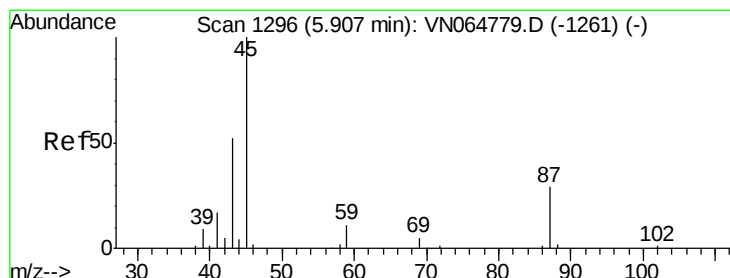
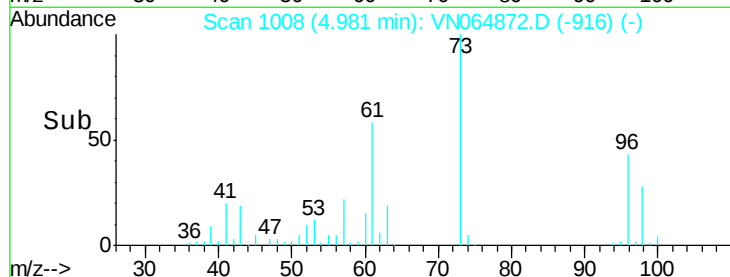
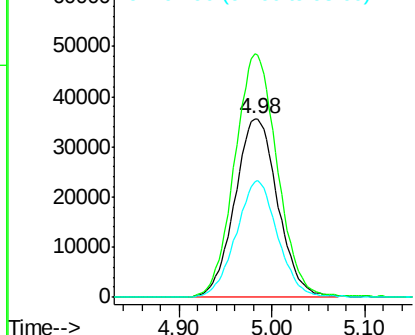
#21
trans-1,2-Dichloroethene
Concen: 50.965 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 114661
Ion Ratio Lower Upper
96 100
61 136.2 108.4 162.6
98 64.9 51.3 76.9

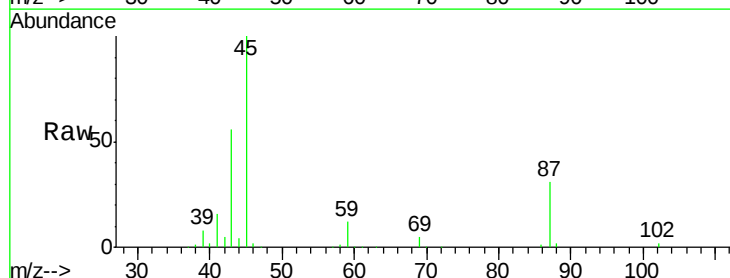


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

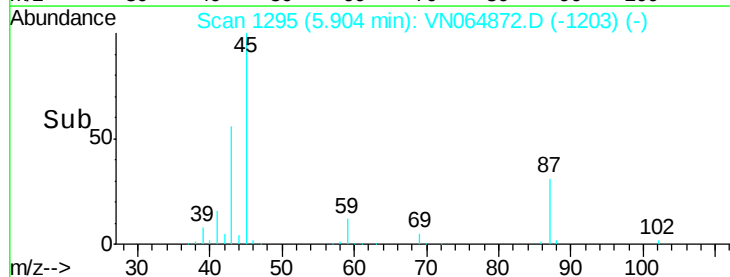
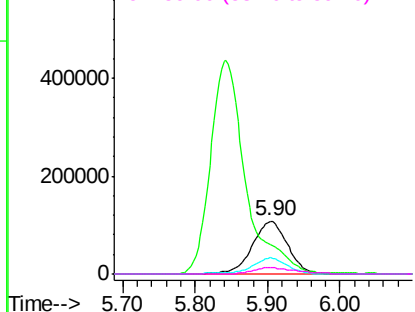


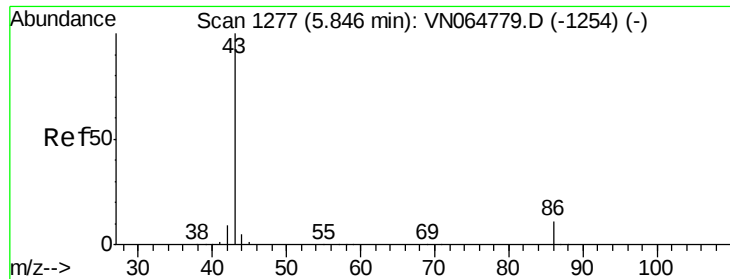
#22
Diisopropyl ether
Concen: 54.485 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 45 Resp: 364405
Ion Ratio Lower Upper
45 100
43 54.5 46.2 69.2
87 30.4 24.1 36.1
59 11.9 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

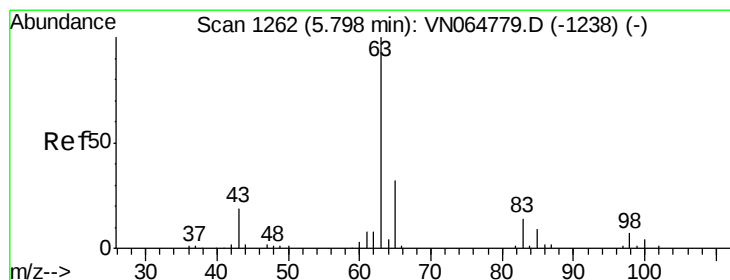
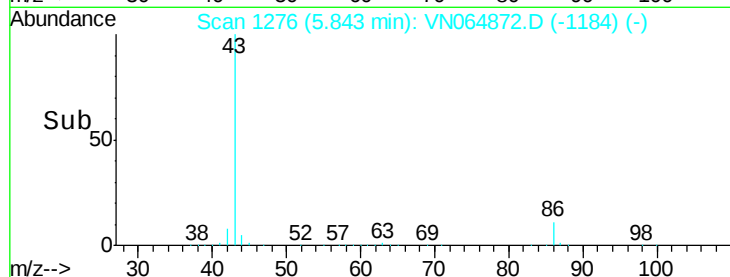
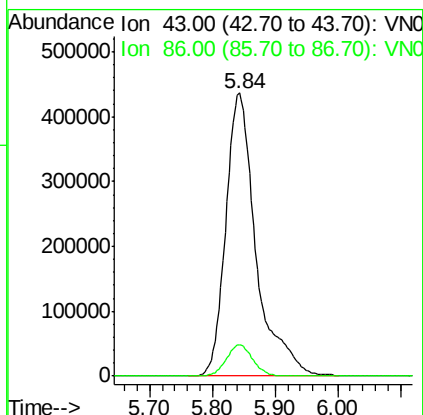
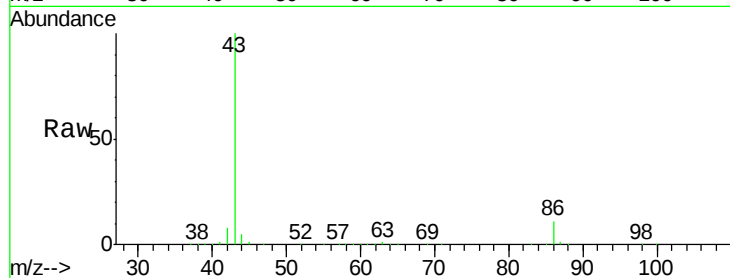




#23
 Vinyl Acetate
 Concen: 274.369 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

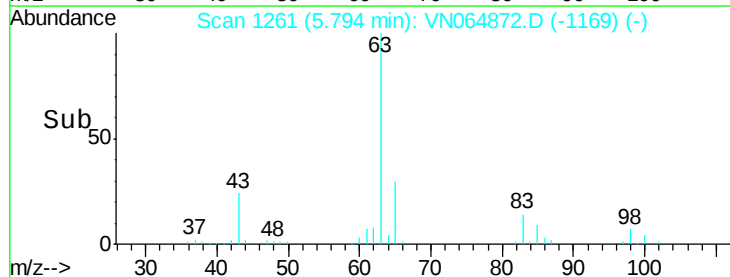
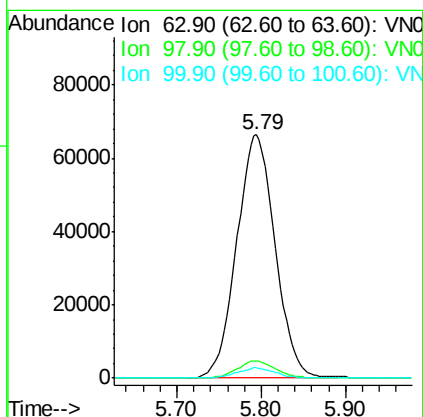
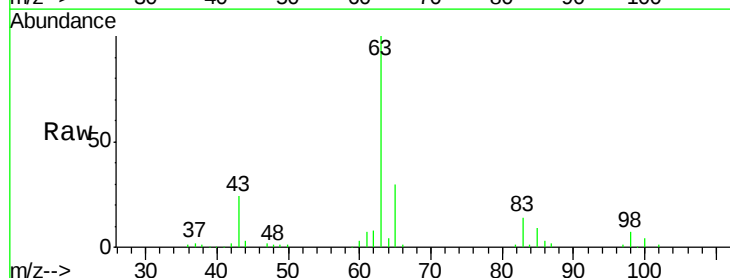
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

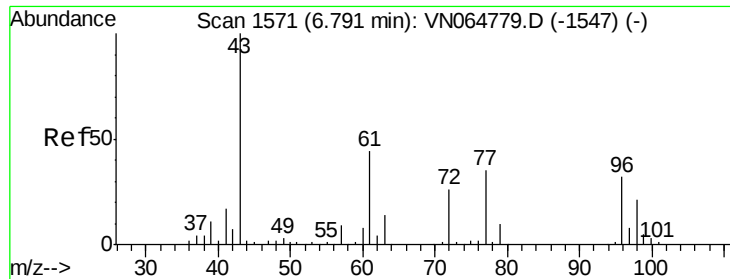
Tot Ion: 43 Resp: 1467427
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 52.591 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion: 63 Resp: 210211
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 261.937 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

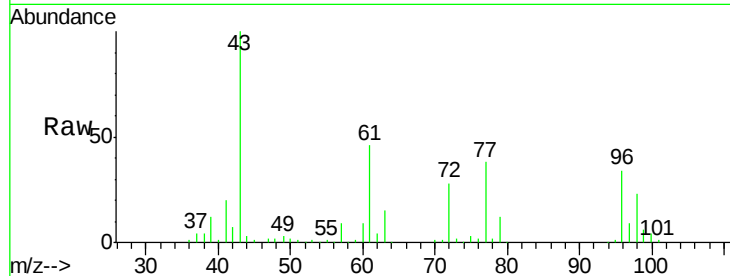
VSTDCCC050EC

Tot Ion: 43 Resp: 339026

Ion Ratio Lower Upper

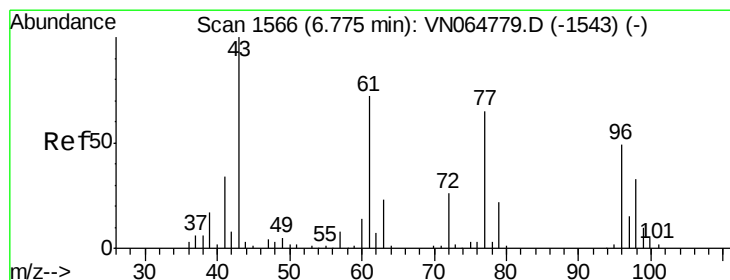
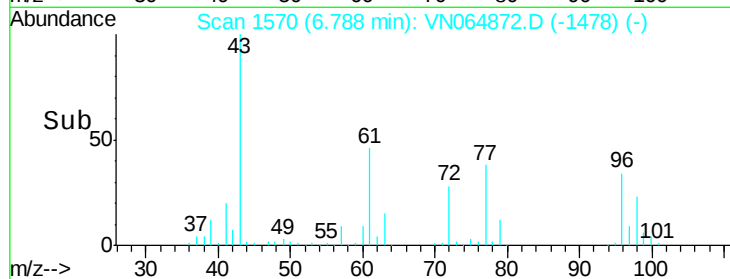
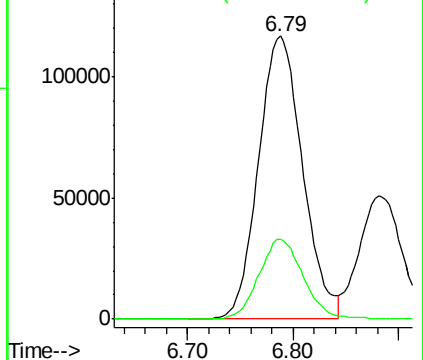
43 100

72 28.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 52.683 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064872.D

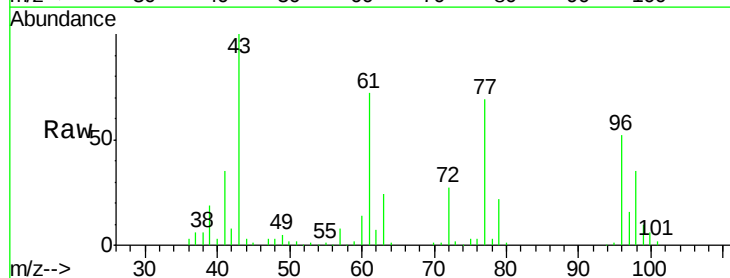
Acq: 30 Nov 2020 15:10

Tgt Ion: 77 Resp: 182634

Ion Ratio Lower Upper

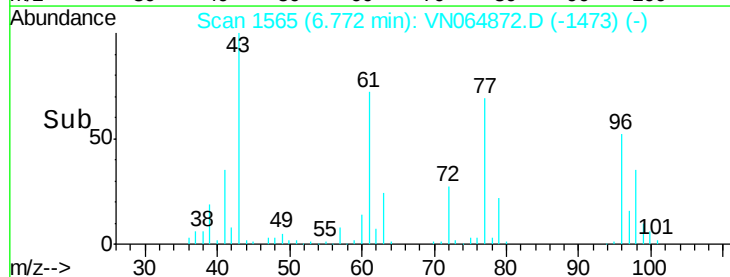
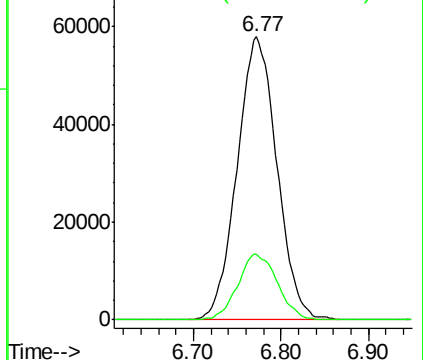
77 100

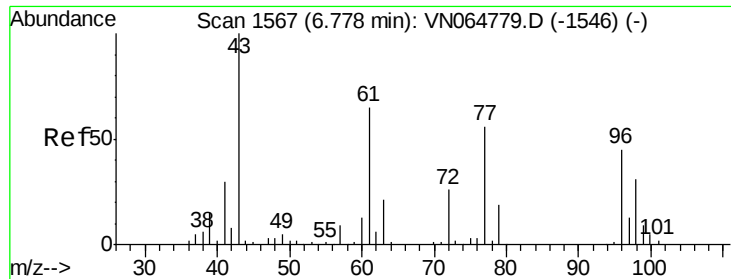
97 23.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 52.299 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

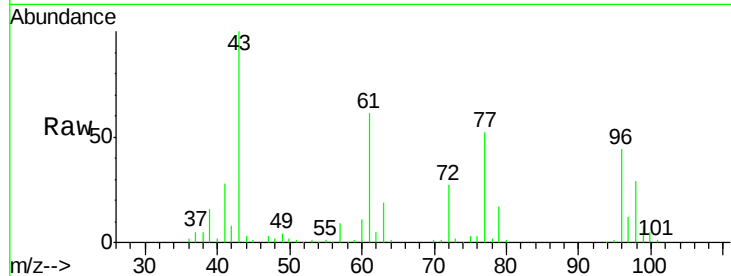
Tot Ion: 96 Resp: 132401

Ion Ratio Lower Upper

96 100

61 140.4 0.0 285.8

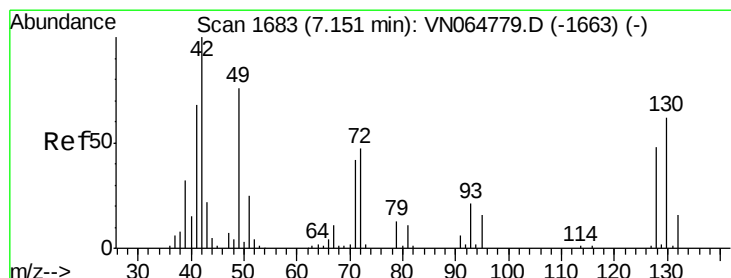
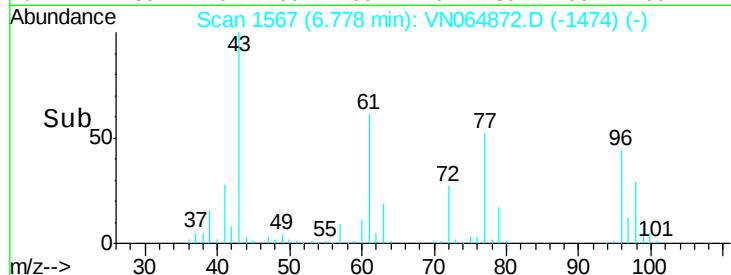
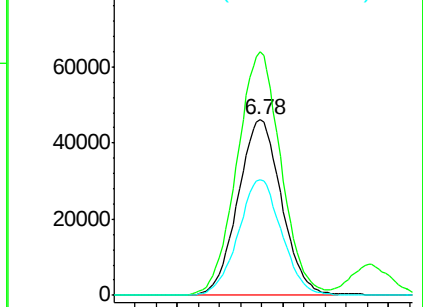
98 65.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064872.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064872.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064872.D (-1546) (-)



#28

Bromochloromethane

Concen: 48.437 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

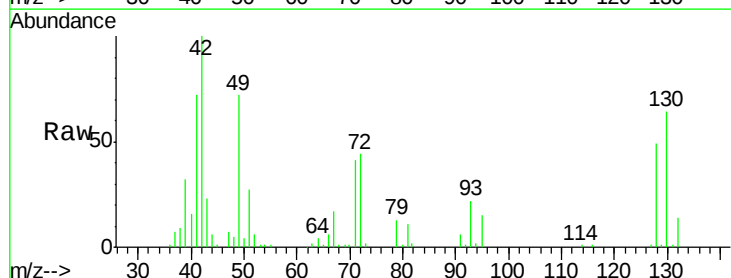
Tgt Ion: 49 Resp: 88570

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

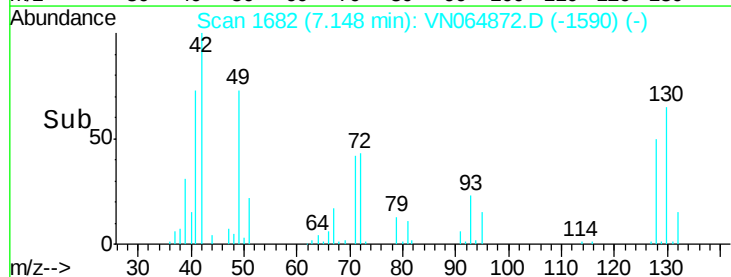
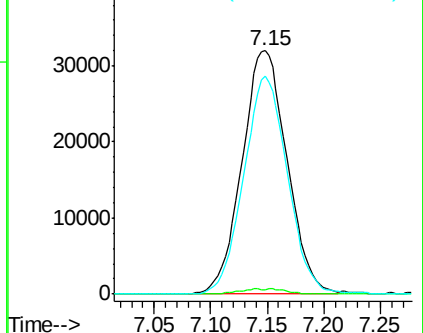
130 86.8 66.2 99.2



Abundance Ion 48.90 (48.60 to 49.60): VN064872.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064872.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064872.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 257.761 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

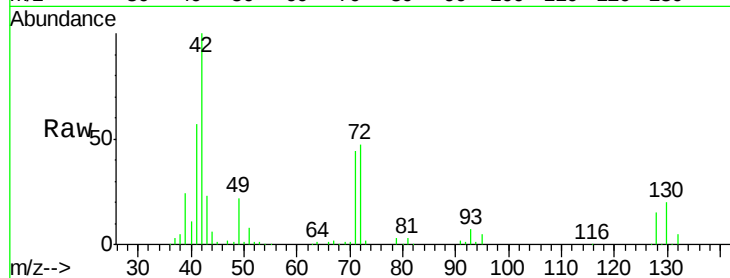
Tot Ion: 42 Resp: 230296

Ion Ratio Lower Upper

42 100

72 45.6 36.6 54.8

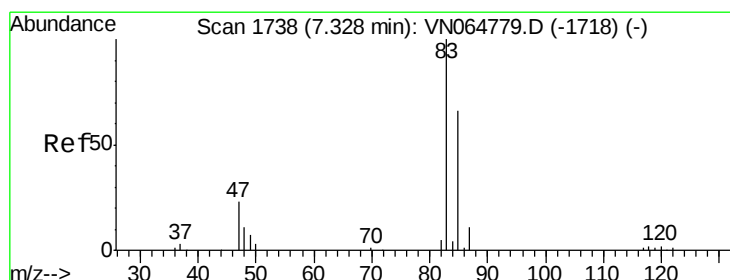
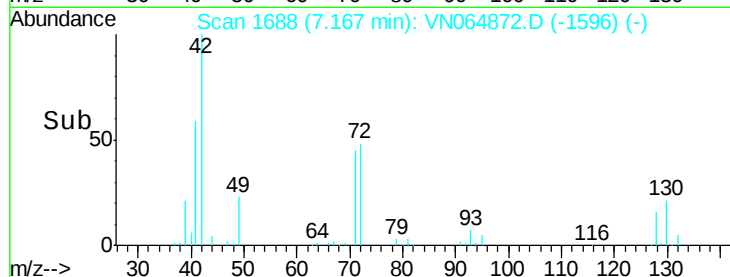
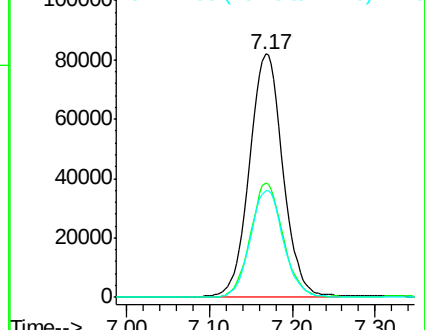
71 43.6 33.6 50.4



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: 52.375 ug/l

RT: 7.32 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064872.D

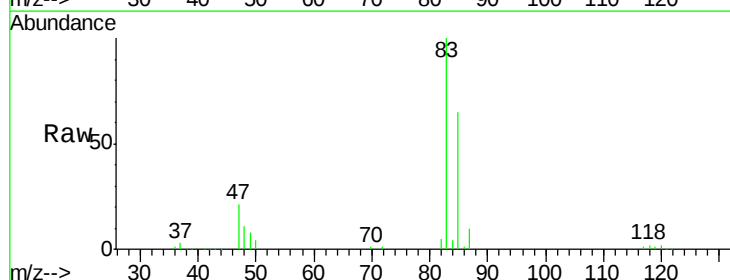
Acq: 30 Nov 2020 15:10

Tgt Ion: 83 Resp: 215888

Ion Ratio Lower Upper

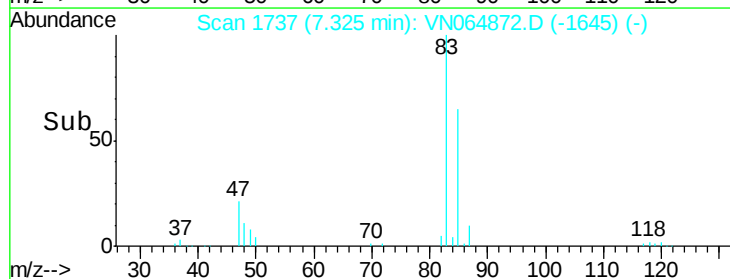
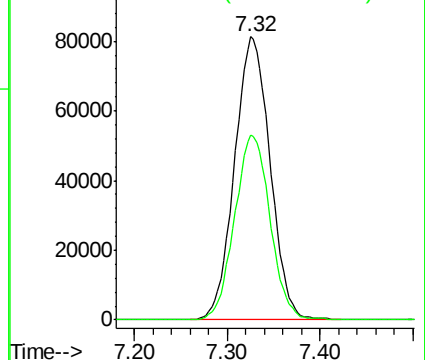
83 100

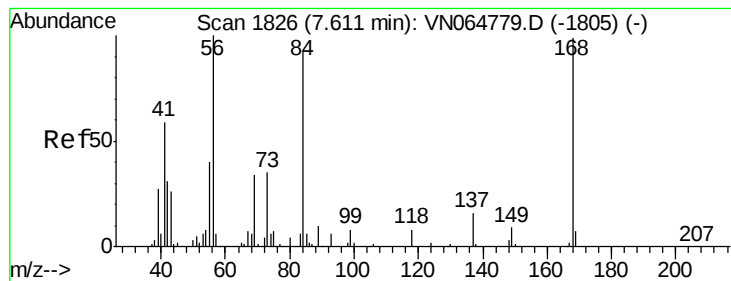
85 65.4 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 51.411 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

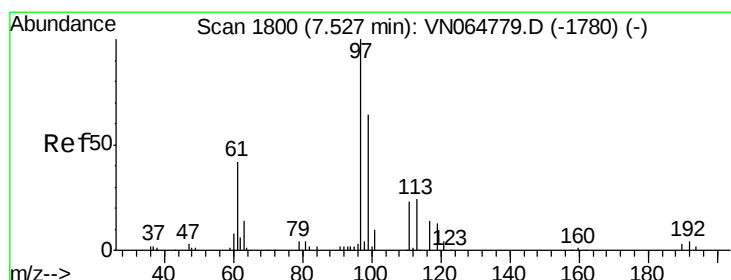
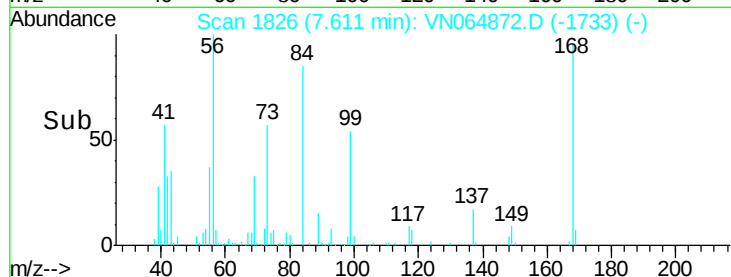
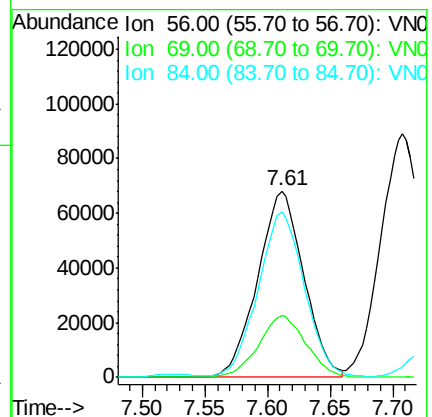
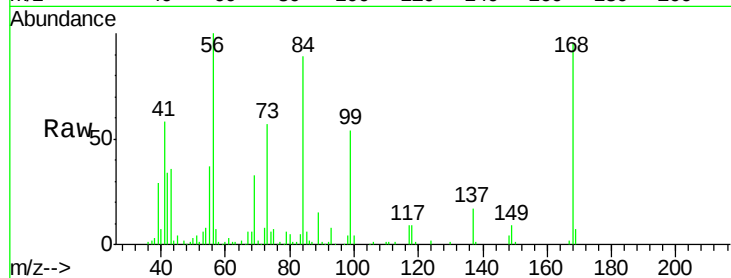
Tot Ion: 56 Resp: 174038

Ion Ratio Lower Upper

56 100

69 33.0 27.5 41.3

84 87.4 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 52.987 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

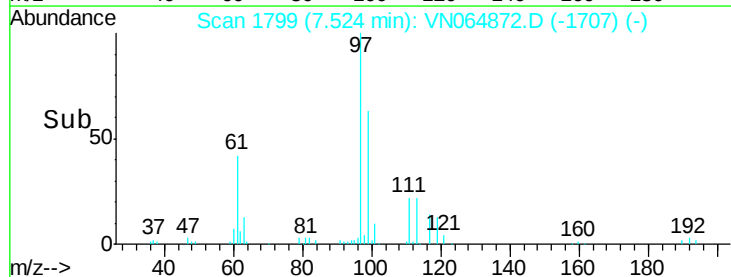
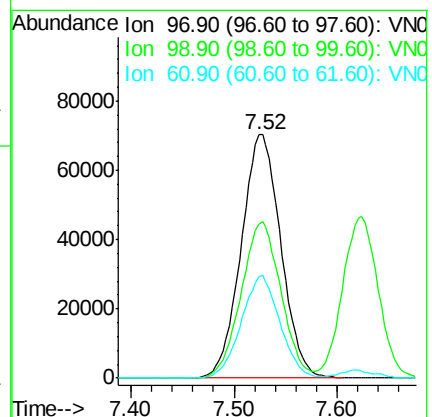
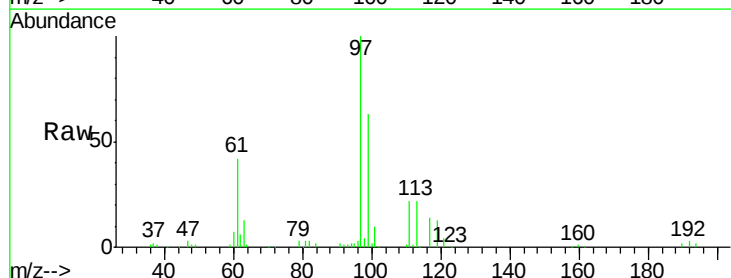
Tgt Ion: 97 Resp: 187586

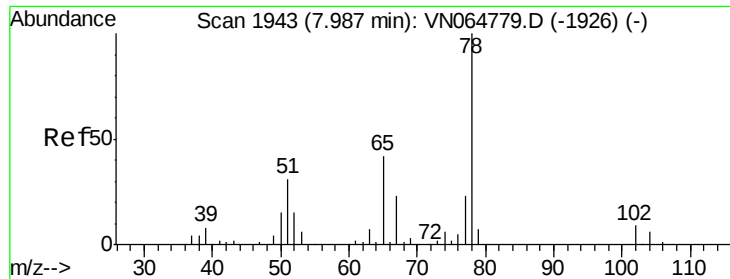
Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

61 41.0 33.9 50.9

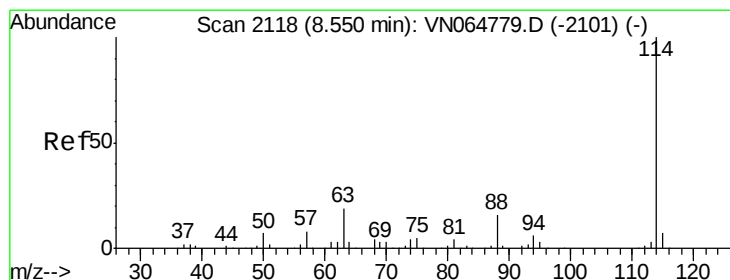
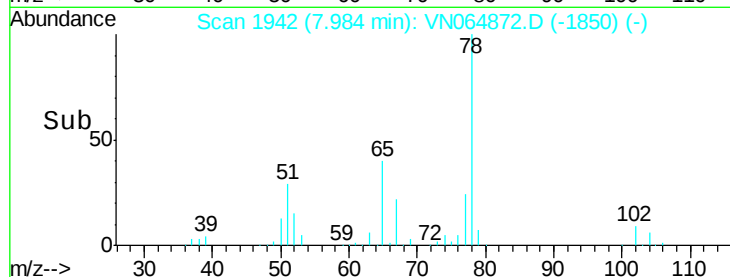
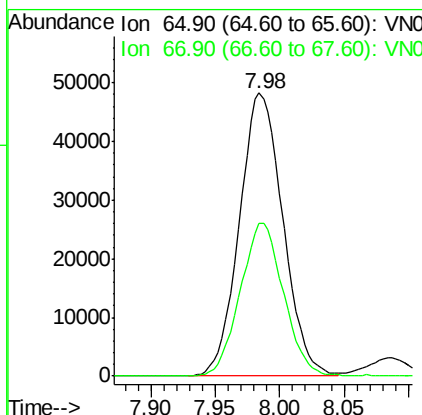
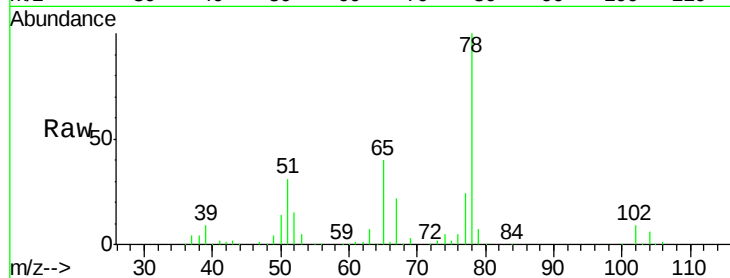




#33
 1,2-Dichloroethane-d4
 Concen: 46.711 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

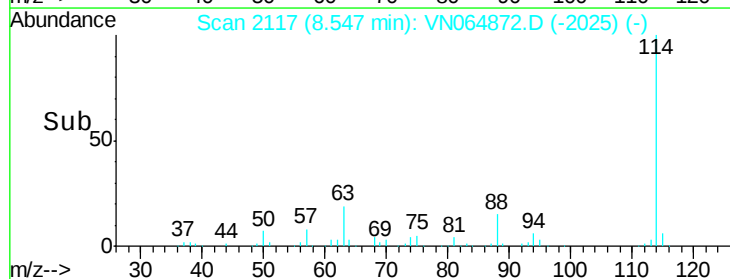
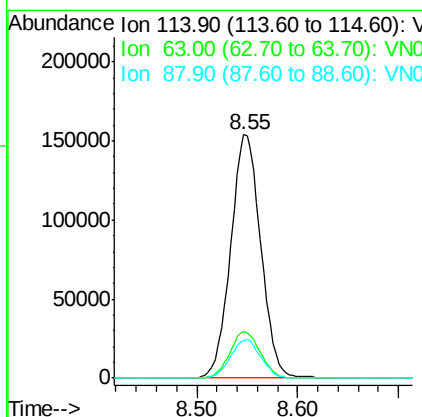
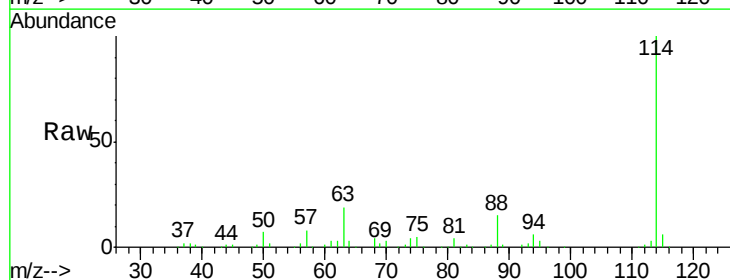
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

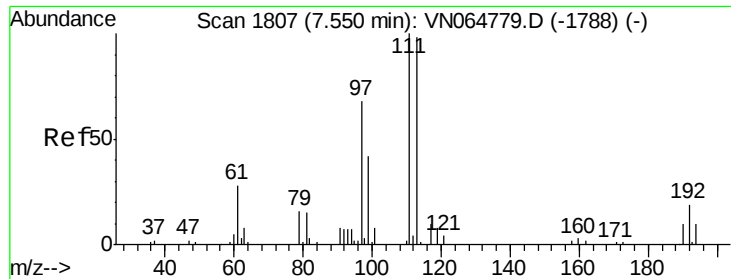
Tot Ion: 65 Resp: 113455
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion: 114 Resp: 318090
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.5 0.0 32.6

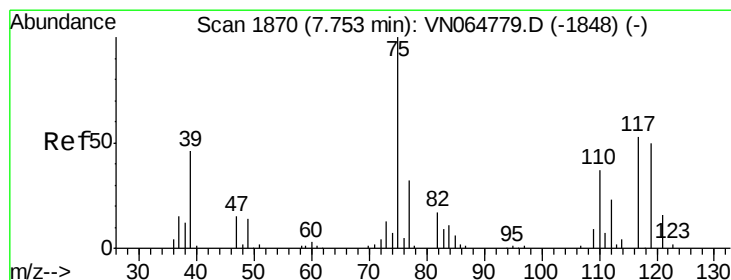
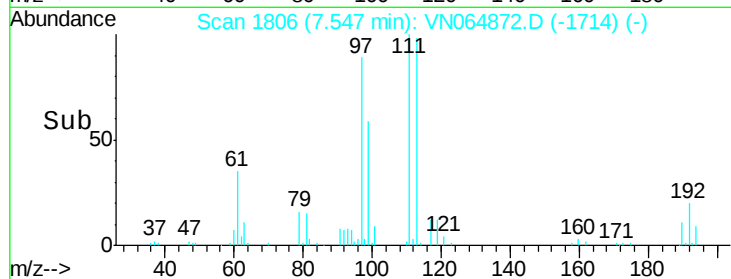
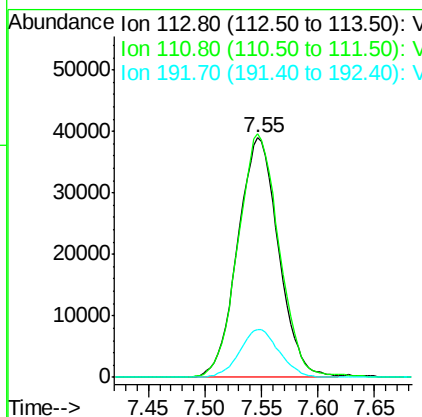
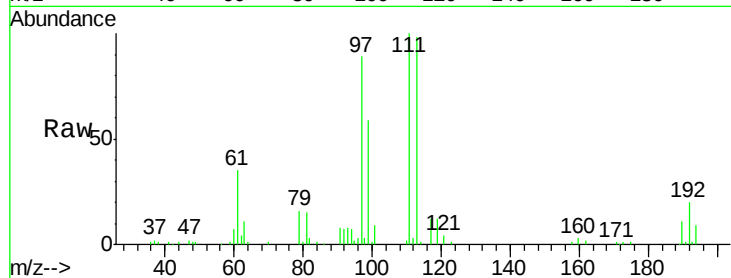




#35
 Dibromofluoromethane
 Concen: 51.438 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

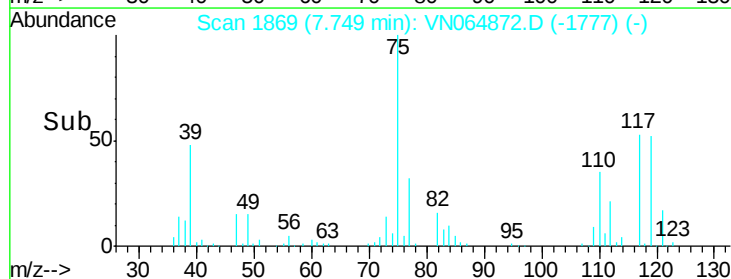
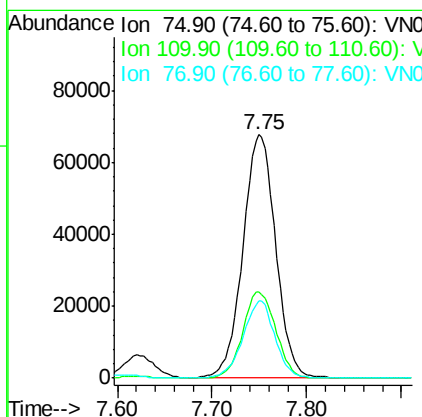
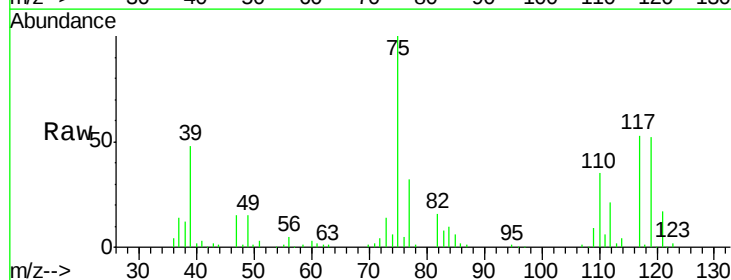
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

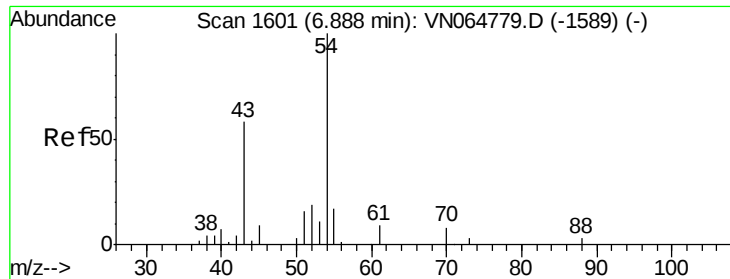
Tot Ion:113 Resp: 97905
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.6 122.4
 192 19.3 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 55.439 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion: 75 Resp: 163454
 Ion Ratio Lower Upper
 75 100
 110 35.4 17.8 53.3
 77 30.9 25.0 37.4

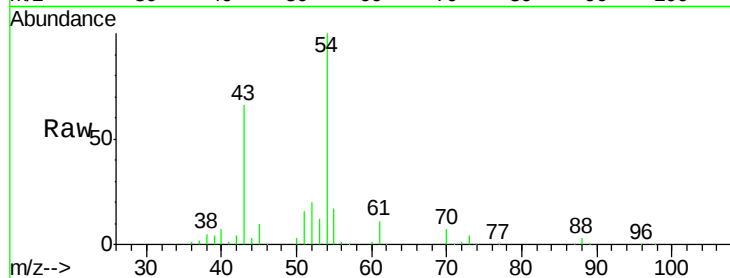




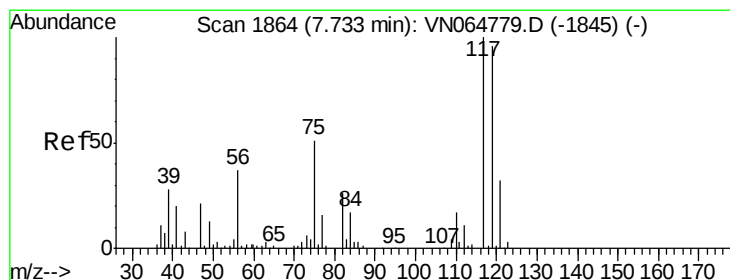
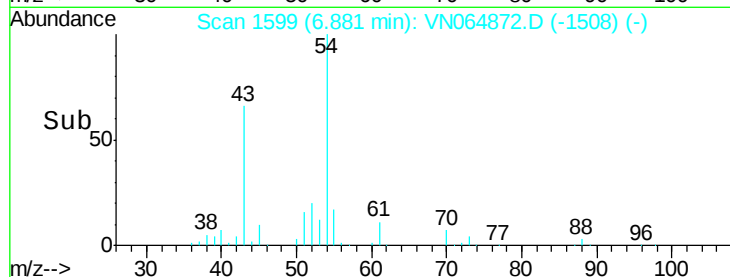
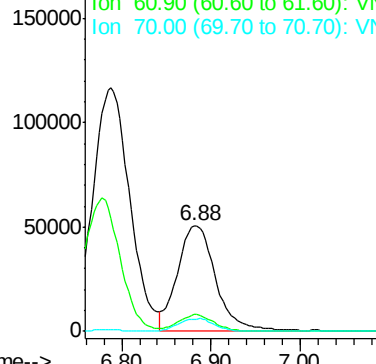
#37
Ethyl Acetate
Concen: 52.288 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 148502
Ion Ratio Lower Upper
43 100
61 14.6 12.8 19.2
70 11.7 8.8 13.2

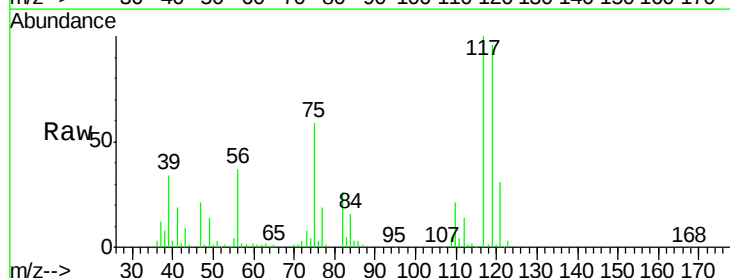


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

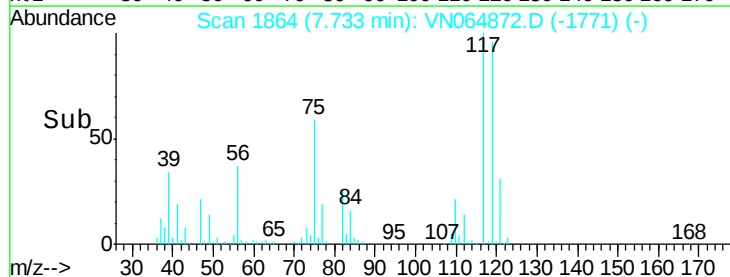
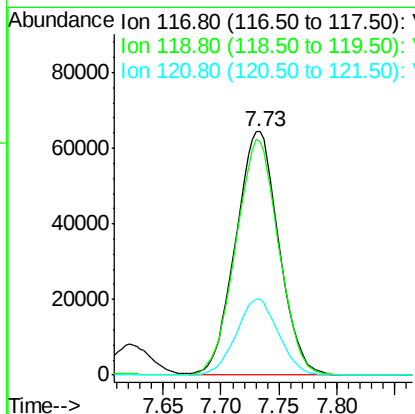


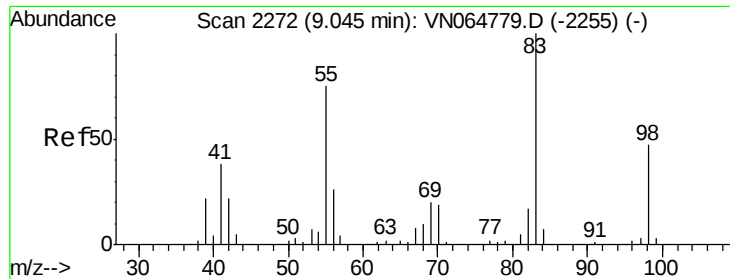
#38
Carbon Tetrachloride
Concen: 54.285 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 117 Resp: 166534
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1
121 31.0 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

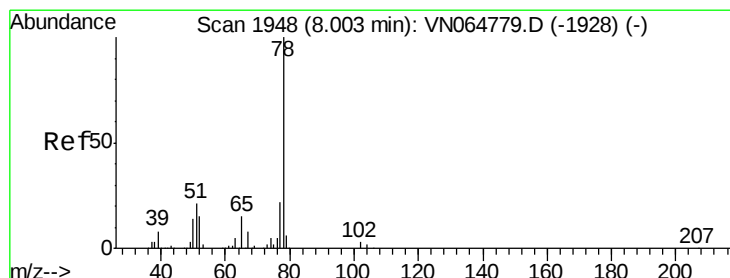
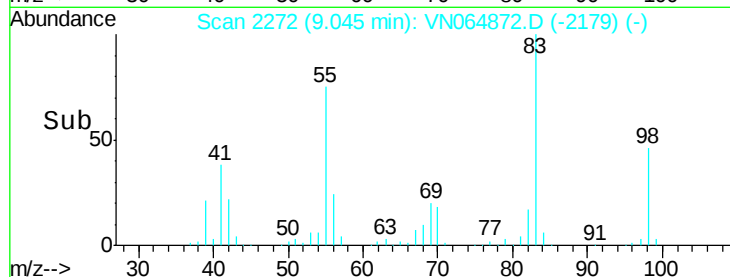
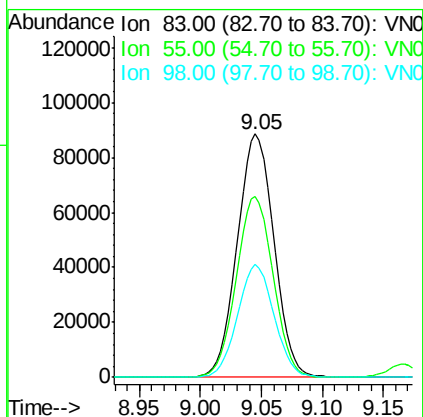
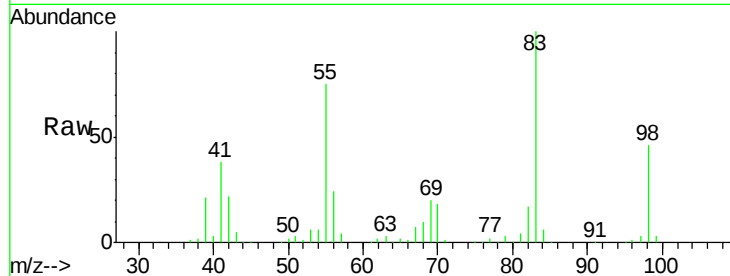




#39
Methvlcvclohexane
Concen: 58.156 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

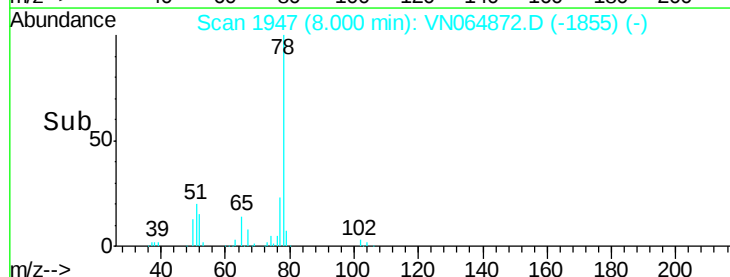
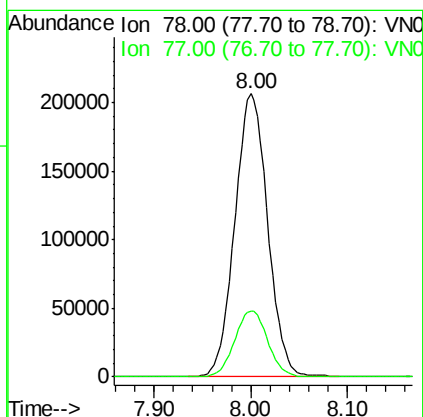
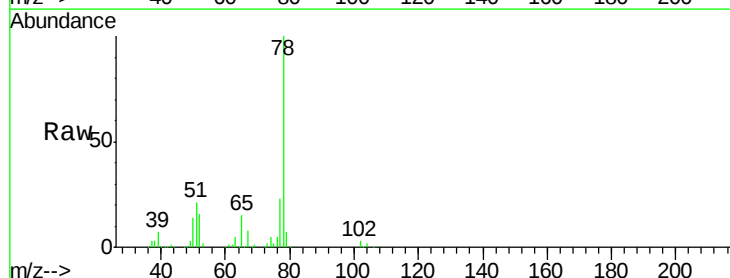
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

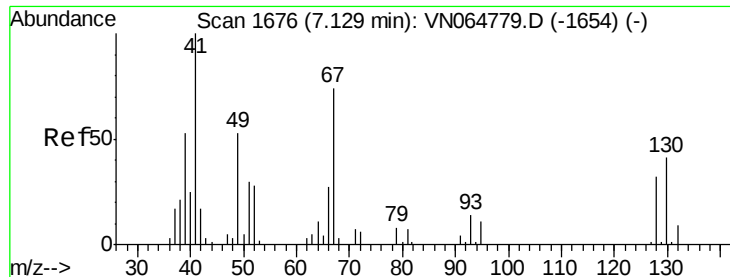
Tot Ion: 83 Resp: 184584
Ion Ratio Lower Upper
83 100
55 74.5 60.2 90.2
98 46.2 37.4 56.2



#40
Benzene
Concen: 53.864 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 78 Resp: 486655
Ion Ratio Lower Upper
78 100
77 23.4 17.9 26.9

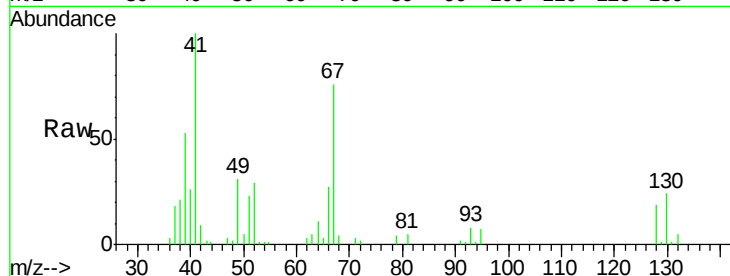




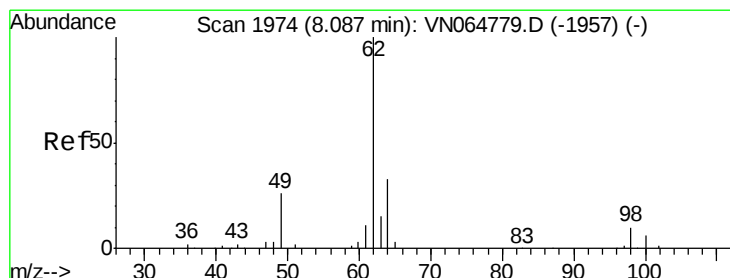
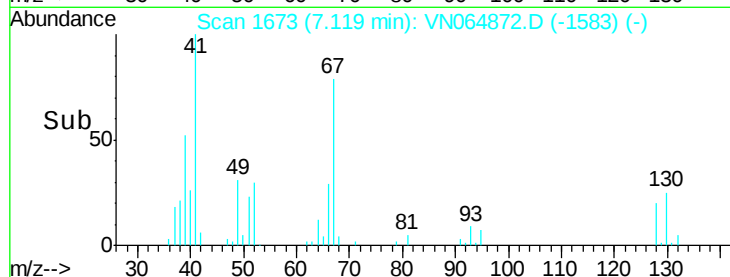
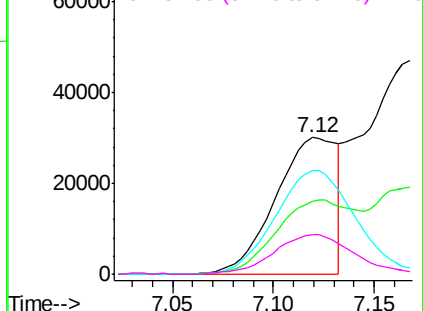
#41
Methacrylonitrile
Concen: 48.261 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 63245
Ion Ratio Lower Upper
41 100
39 71.2 51.0 76.6
67 100.0 79.8 119.8
52 38.6 31.5 47.3

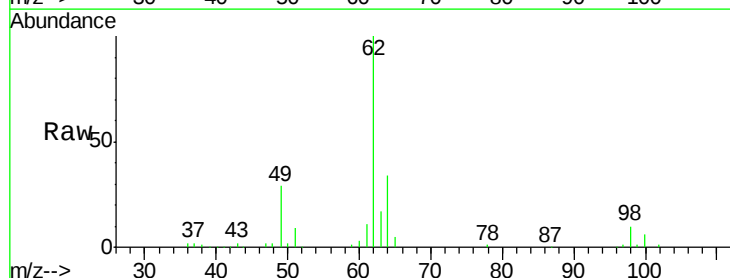


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

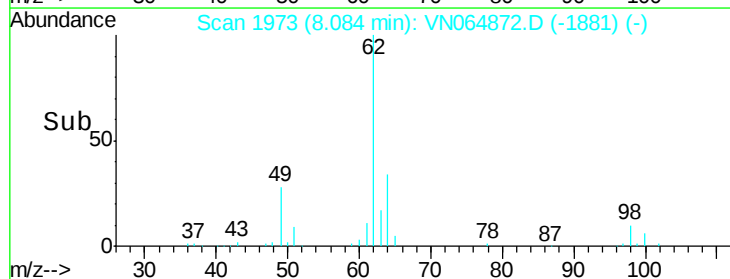
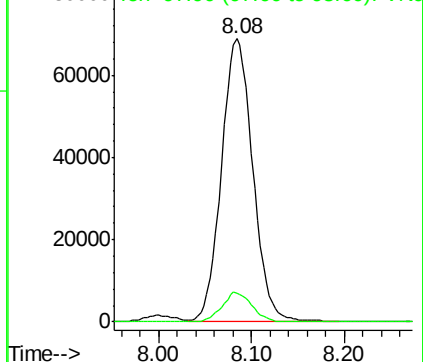


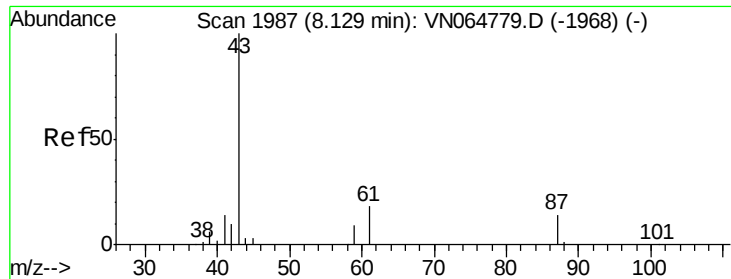
#42
1,2-Dichloroethane
Concen: 53.021 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 62 Resp: 161600
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.6



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





#43

Isopropyl Acetate

Concen: 53.080 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

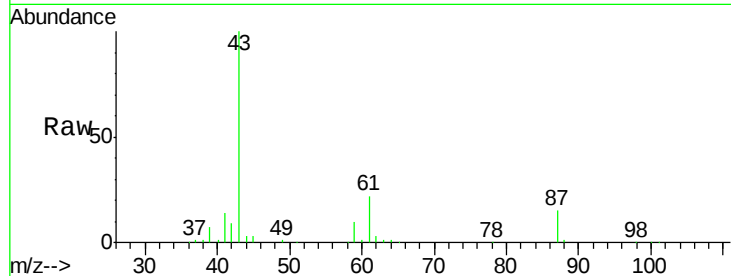
Tot Ion: 43 Resp: 242576

Ion Ratio Lower Upper

43 100

61 28.6 17.2 25.8#

87 14.4 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064872.D (-1986) (-)

Ion 61.00 (60.70 to 61.70): VN064872.D (-1986) (-)

Ion 87.00 (86.70 to 87.70): VN064872.D (-1986) (-)

8.13

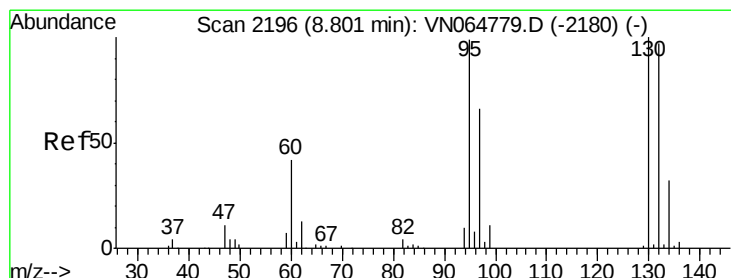
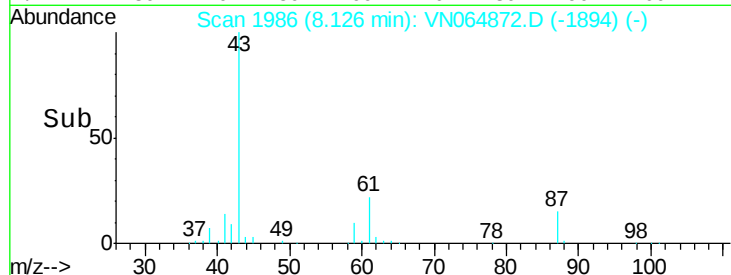
100000

50000

0

8.05 8.10 8.15 8.20

Time-->



#44

Trichloroethene

Concen: 54.582 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064872.D

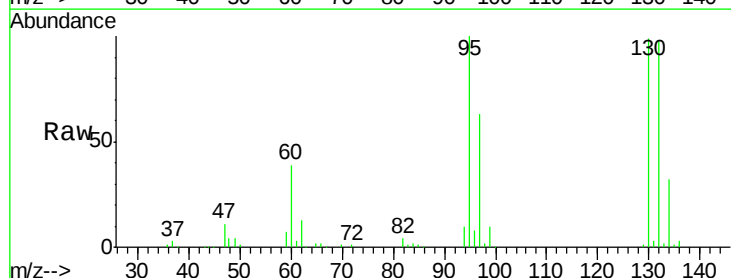
Acq: 30 Nov 2020 15:10

Tgt Ion:130 Resp: 145502

Ion Ratio Lower Upper

130 100

95 101.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064872.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN064872.D (-2196) (-)

8.80

80000

60000

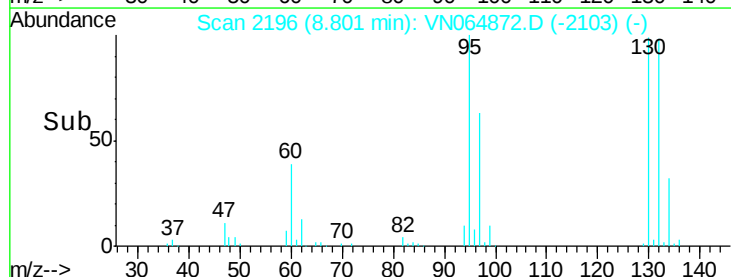
40000

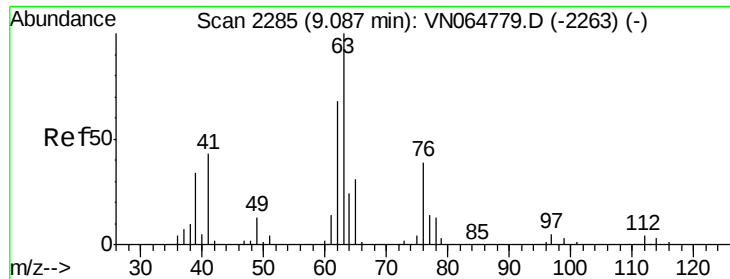
20000

0

8.70 8.75 8.80 8.85 8.90

Time-->





#45

1,2-Dichloropropane

Concen: 55.835 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

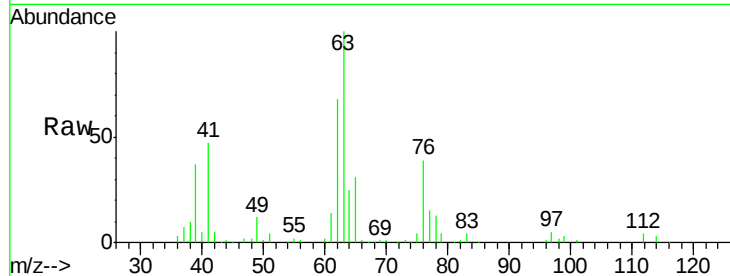
VSTDCCC050EC

Tot Ion: 63 Resp: 130638

Ion Ratio Lower Upper

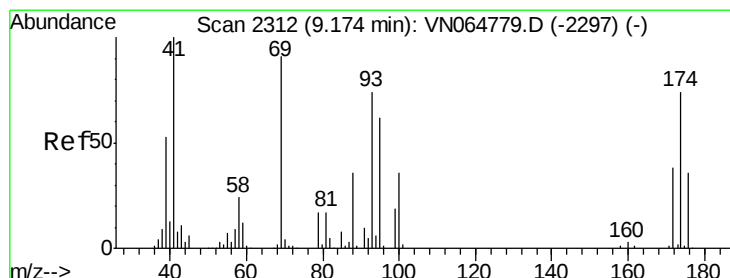
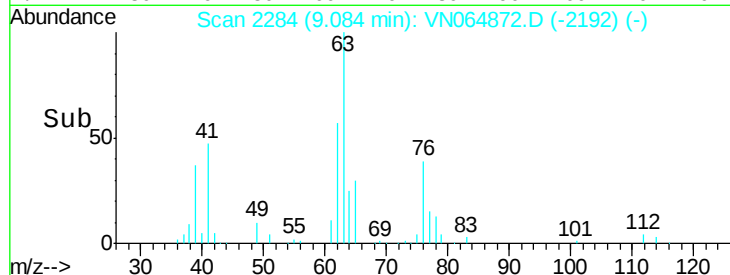
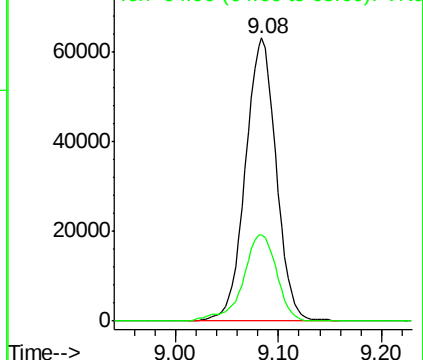
63 100

65 30.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 53.555 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

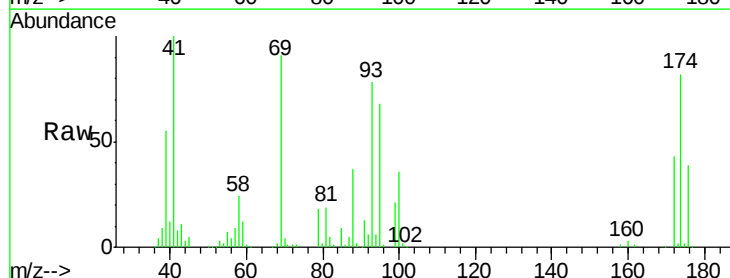
Tgt Ion: 93 Resp: 83712

Ion Ratio Lower Upper

93 100

95 85.9 68.8 103.2

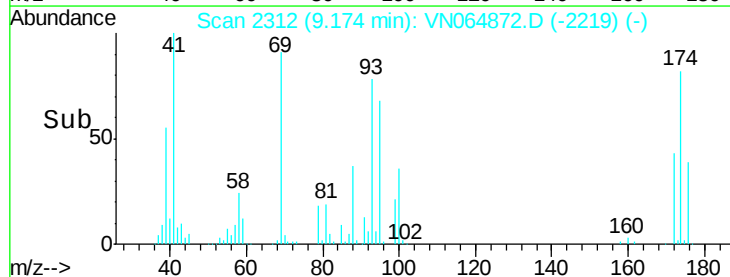
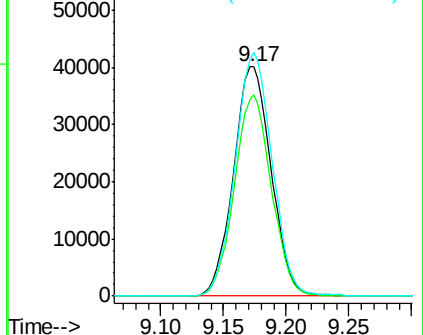
174 104.4 83.1 124.7

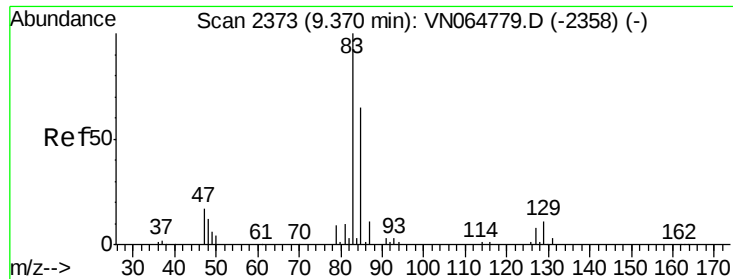


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.629 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

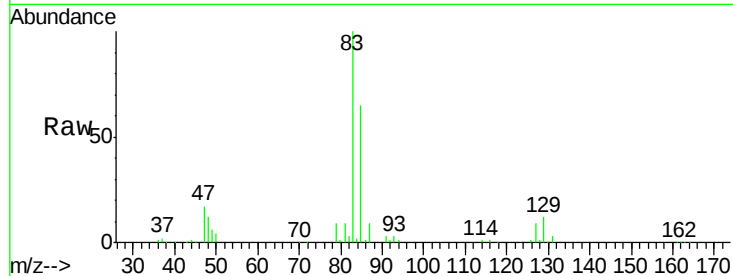
Tot Ion: 83 Resp: 171816

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.8

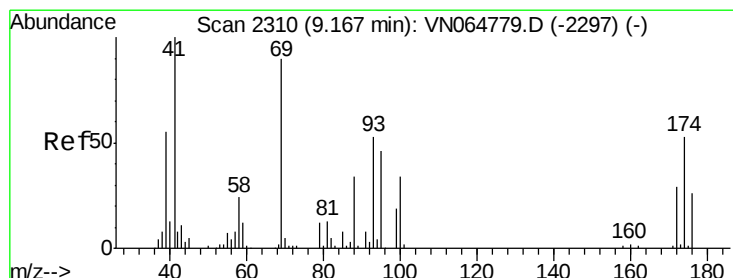
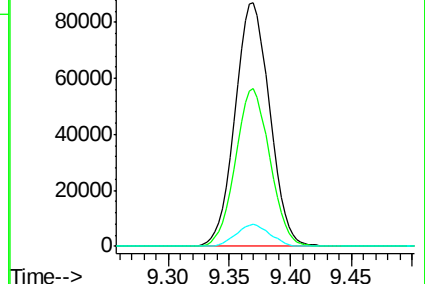
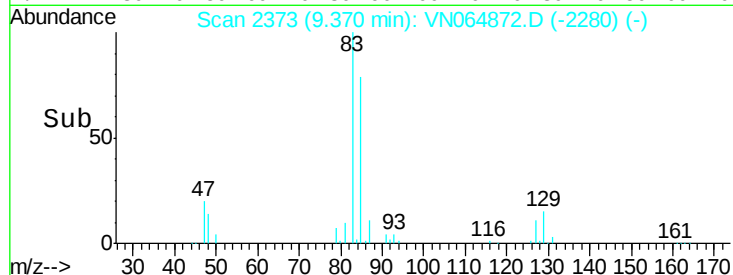
127 9.0 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064872.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064872.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064872.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.585 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

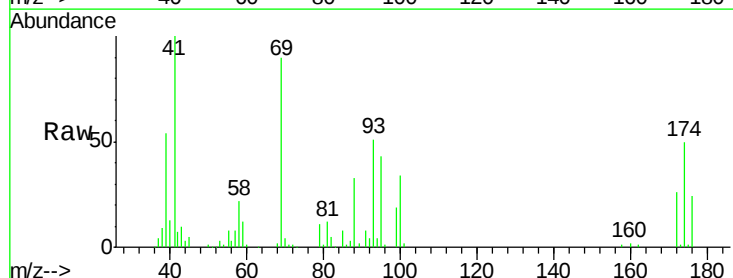
Tgt Ion: 41 Resp: 117014

Ion Ratio Lower Upper

41 100

69 93.3 71.8 107.8

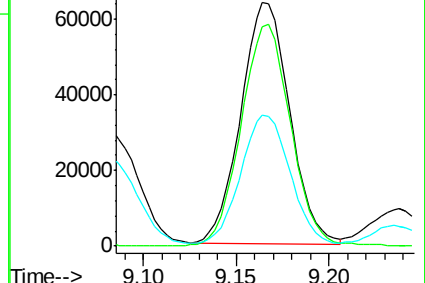
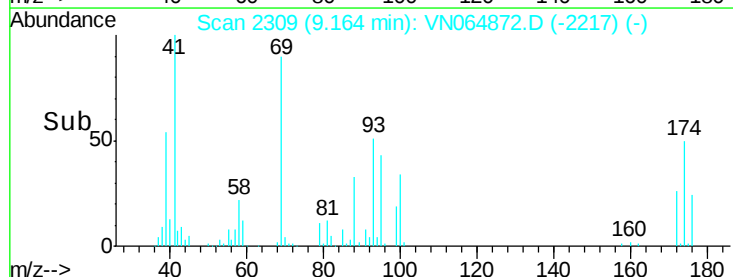
39 55.9 44.1 66.1

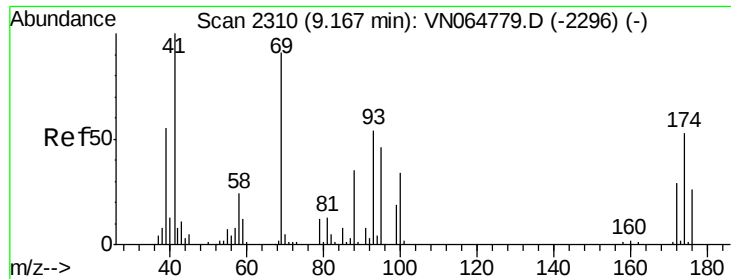


Abundance Ion 41.00 (40.70 to 41.70): VN064872.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064872.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064872.D (-2217) (-)





#49

1,4-Dioxane

Concen: 1074.022 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

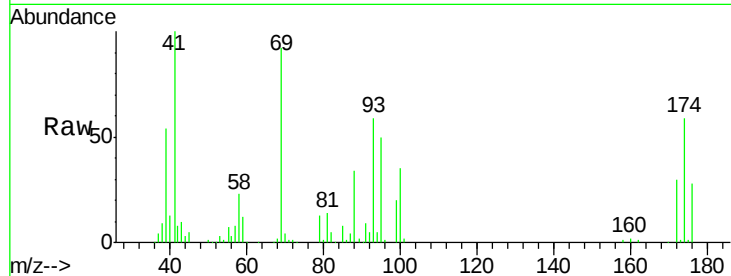
Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 44328

Ion	Ratio	Lower	Upper
88	100		
43	27.8	24.2	36.4
58	68.2	52.5	78.7

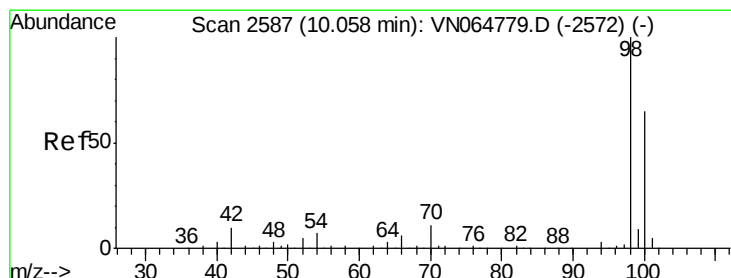
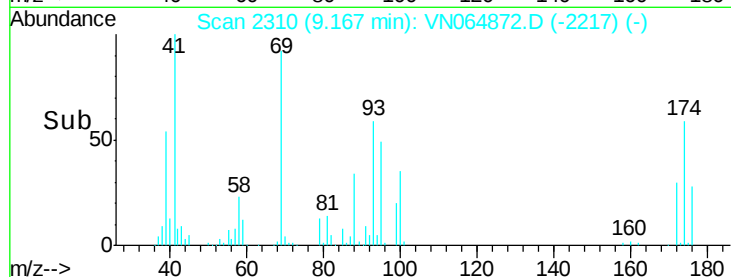
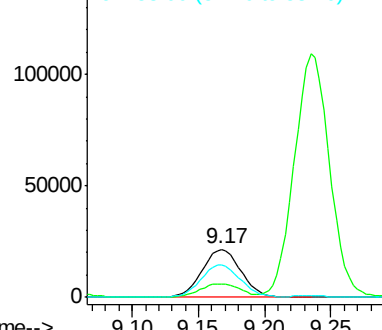


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.207 ug/l

RT: 10.06 min Scan# 2587

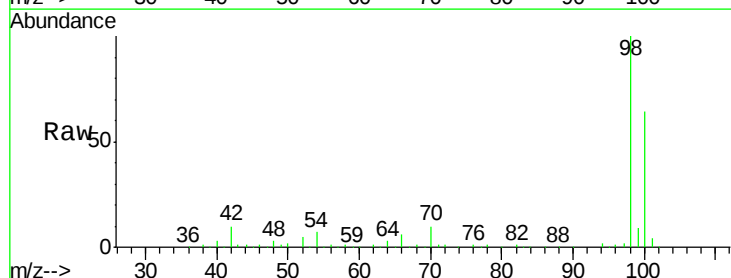
Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Tgt Ion: 98 Resp: 382680

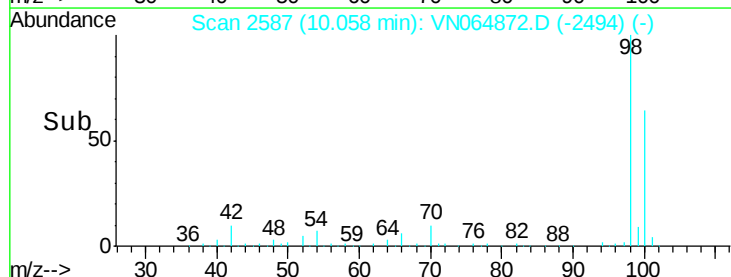
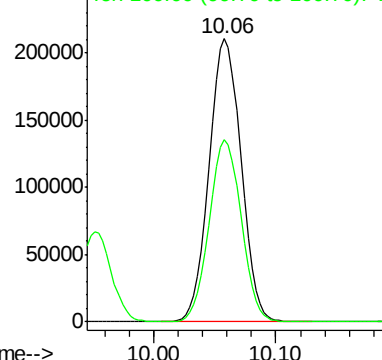
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5



Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

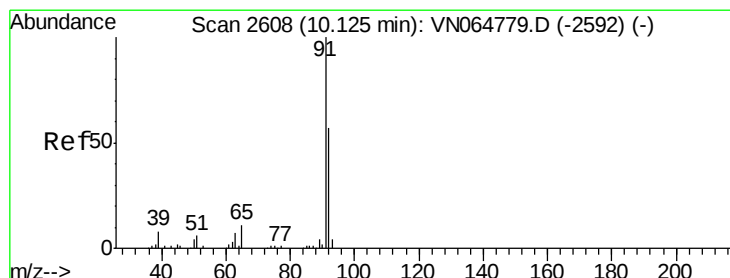
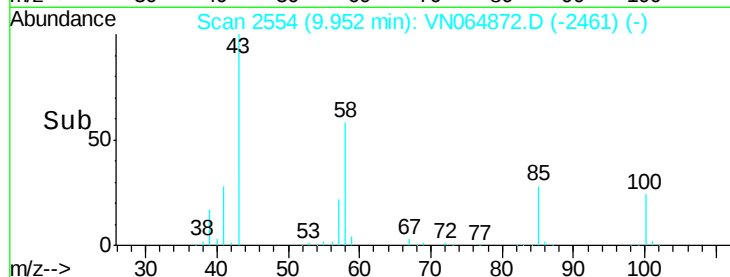
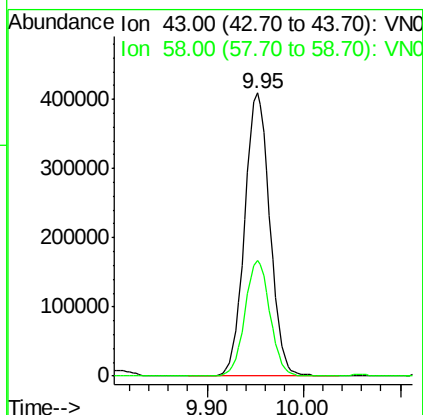
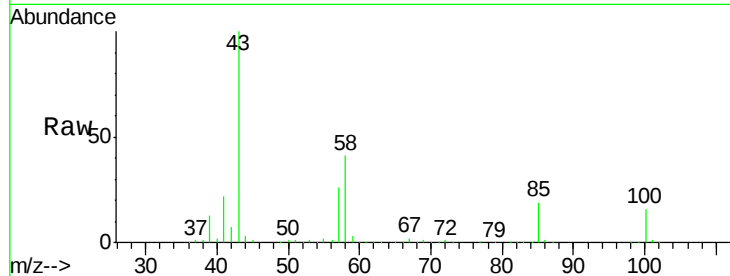




#51
4-Methyl-2-Pentanone
Concen: 269.351 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

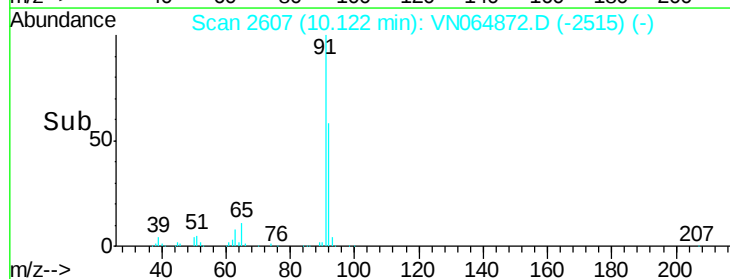
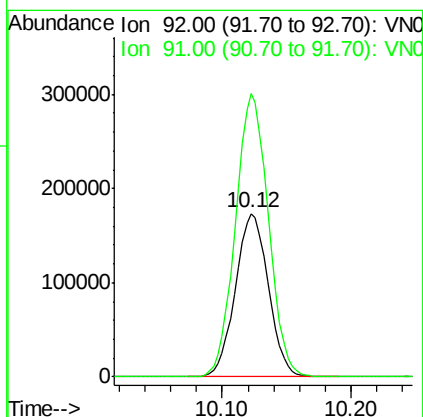
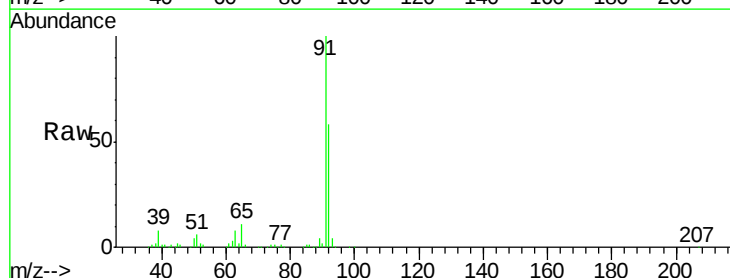
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

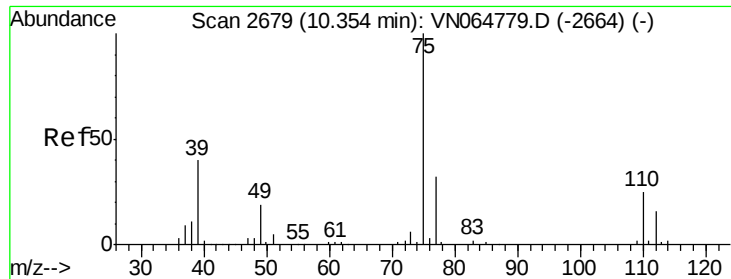
Tot Ion: 43 Resp: 738992
Ion Ratio Lower Upper
43 100
58 40.7 32.4 48.6



#52
Toluene
Concen: 55.462 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 92 Resp: 308592
Ion Ratio Lower Upper
92 100
91 173.3 139.1 208.7

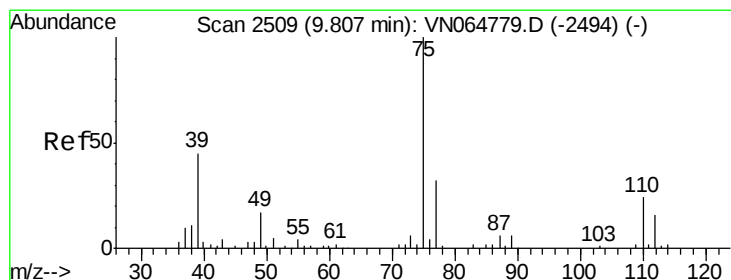
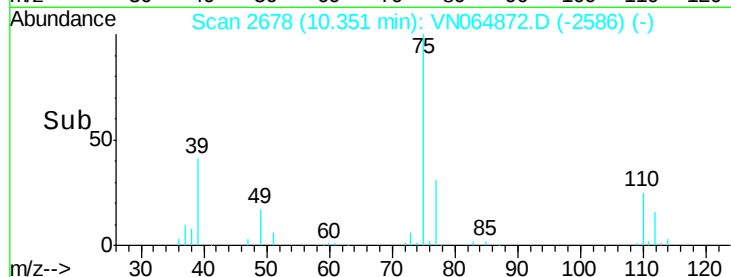
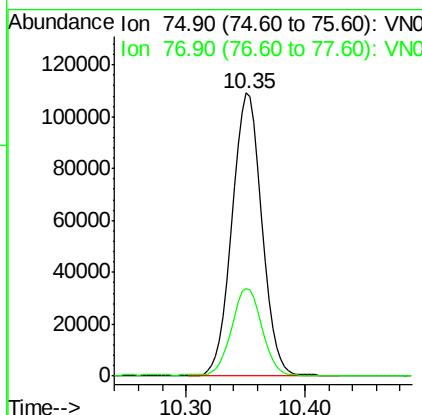
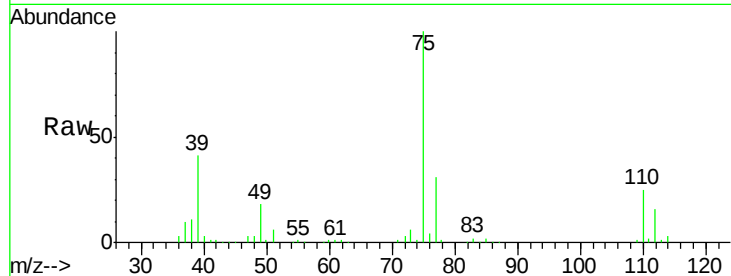




#53
t-1,3-Dichloropropene
Concen: 54.329 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

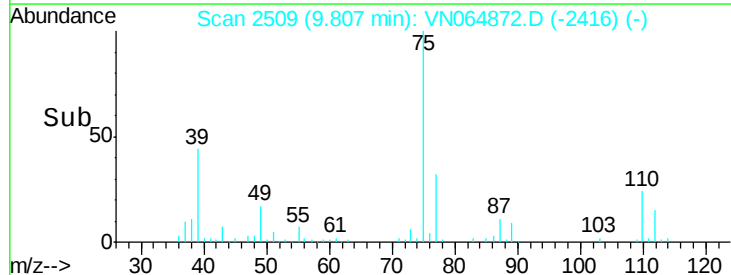
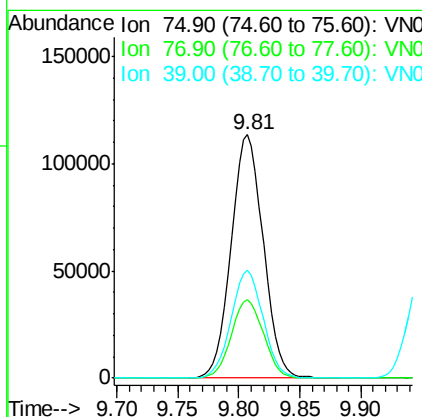
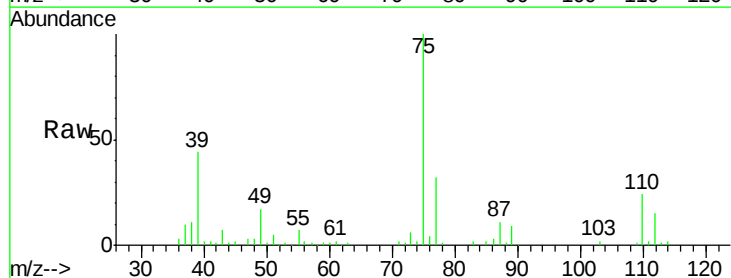
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

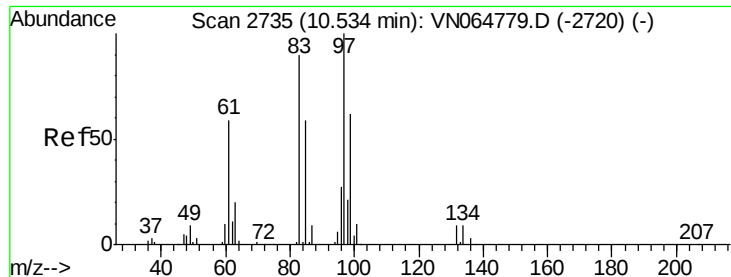
Tot Ion: 75 Resp: 190317
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 55.370 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 75 Resp: 207903
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
39 44.2 35.6 53.4

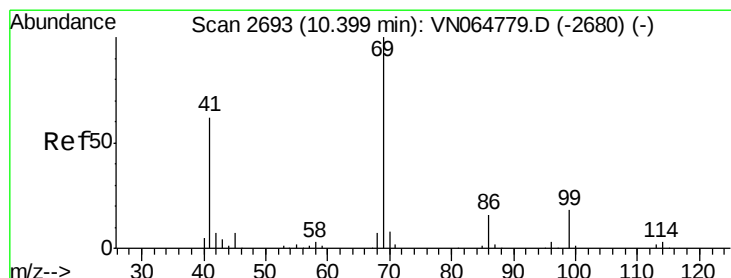
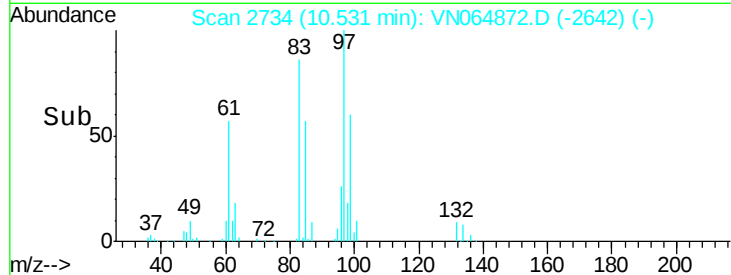
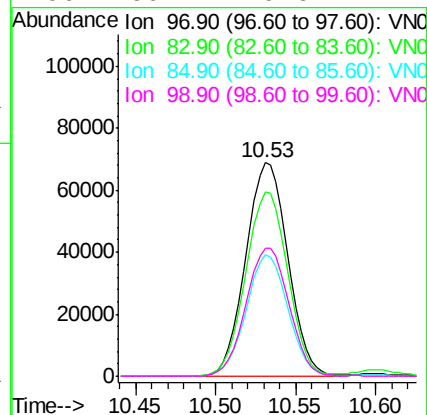
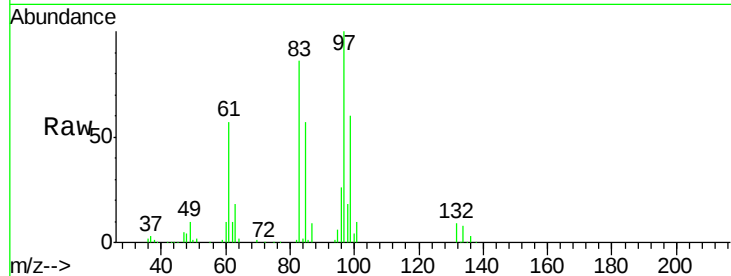




#55
 1,1,2-Trichloroethane
 Concen: 54.217 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

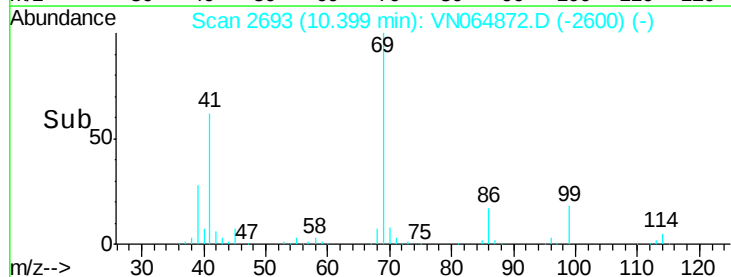
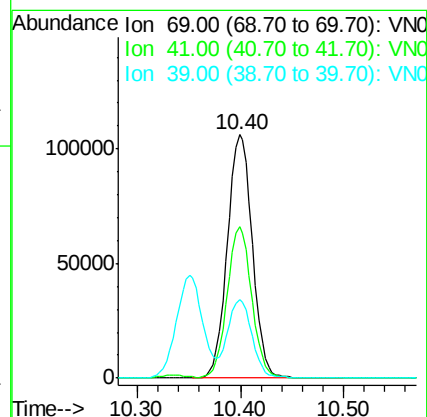
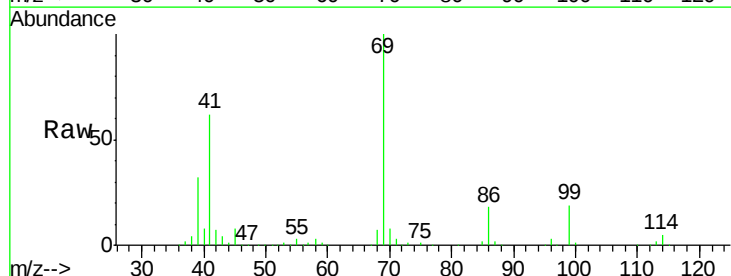
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

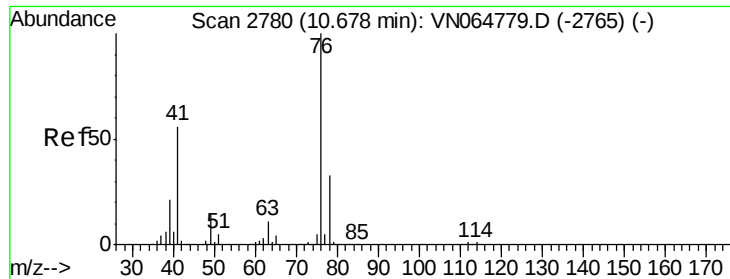
Tot Ion: 97 Resp: 124048
 Ion Ratio Lower Upper
 97 100
 83 86.5 72.1 108.1
 85 56.7 46.8 70.2
 99 60.2 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 56.871 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion: 69 Resp: 179562
 Ion Ratio Lower Upper
 69 100
 41 60.7 49.4 74.0
 39 31.6 25.9 38.9





#57

1,3-Dichloropropane

Concen: 54.597 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

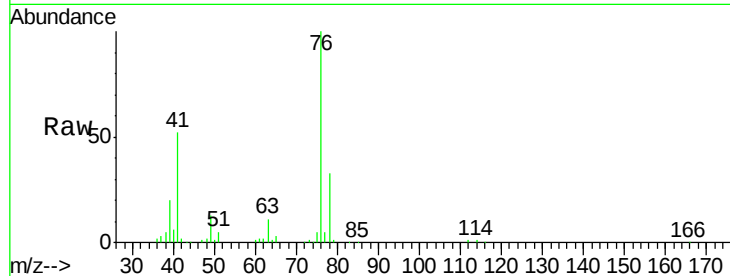
VSTDCCC050EC

Tot Ion: 76 Resp: 206059

Ion Ratio Lower Upper

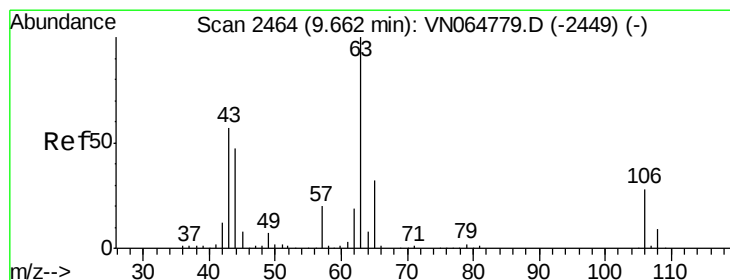
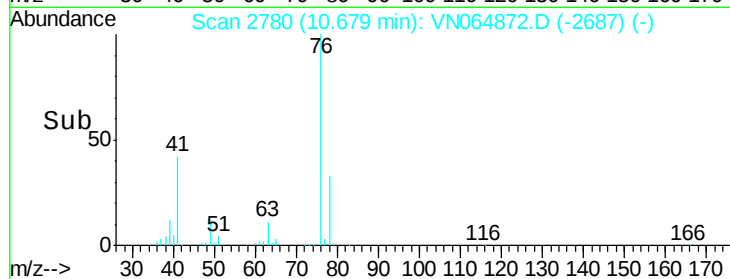
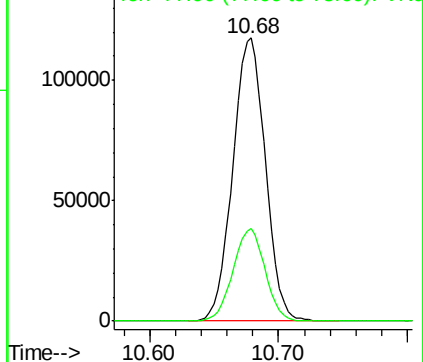
76 100

78 32.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN064872.D (-2687) (-)

Ion 77.90 (77.60 to 78.60): VN064872.D (-2687) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 289.824 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064872.D

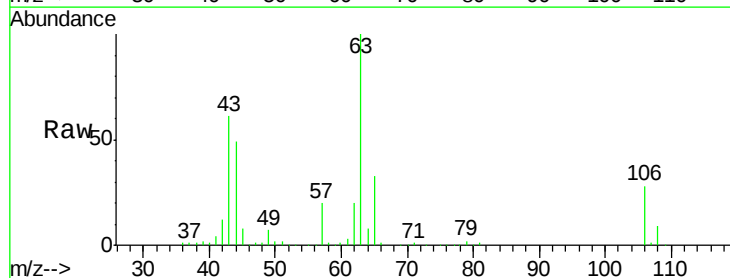
Acq: 30 Nov 2020 15:10

Tgt Ion: 63 Resp: 503353

Ion Ratio Lower Upper

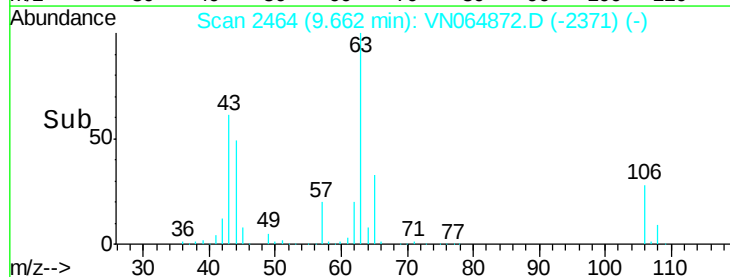
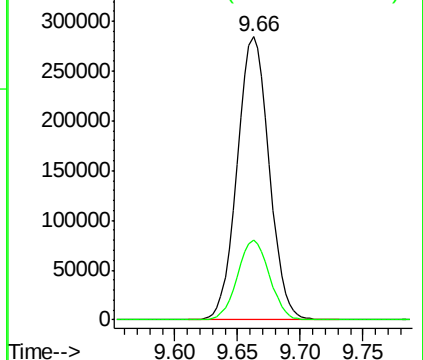
63 100

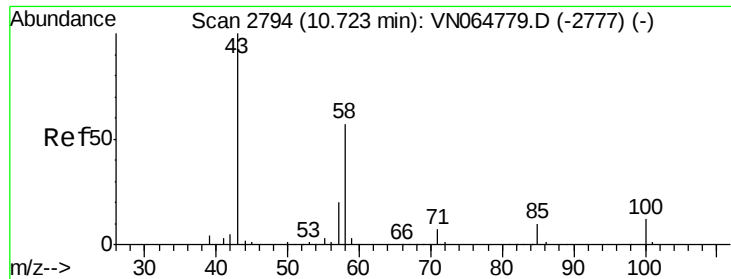
106 28.2 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN064872.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN064872.D (-2371) (-)

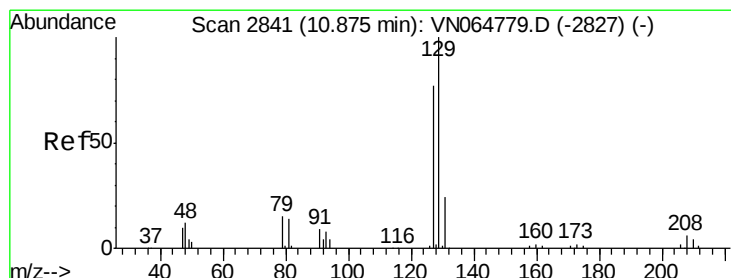
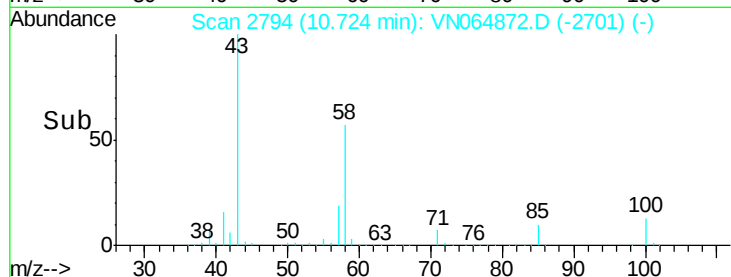
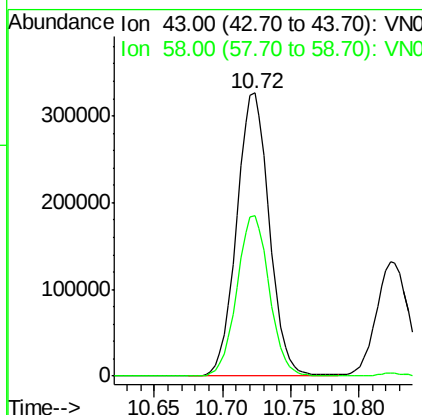
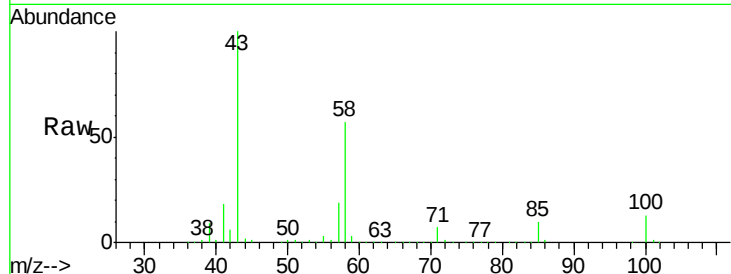




#59
2-Hexanone
Concen: 274.333 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

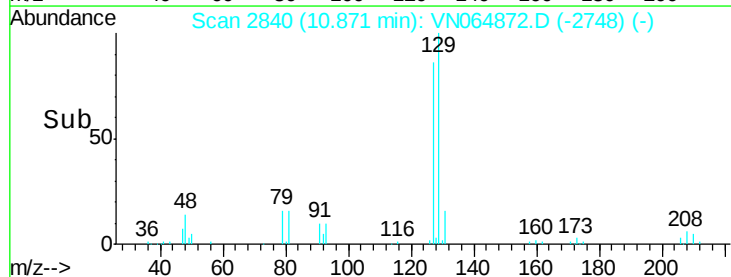
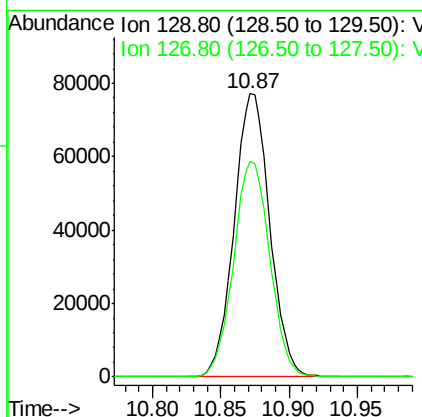
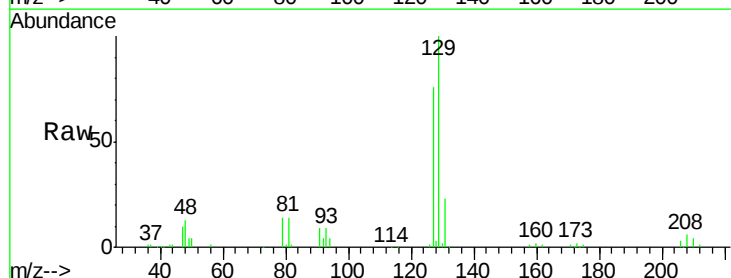
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 541680
Ion Ratio Lower Upper
43 100
58 56.5 28.3 84.9



#60
Dibromochloromethane
Concen: 54.976 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 129 Resp: 139820
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2

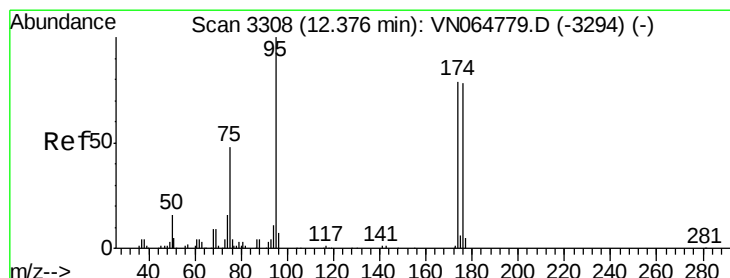
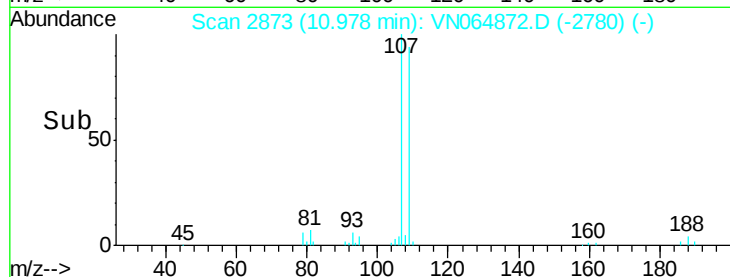
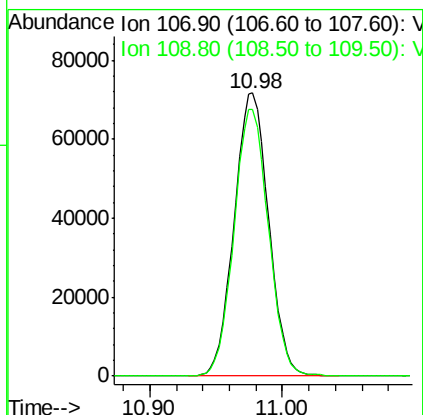
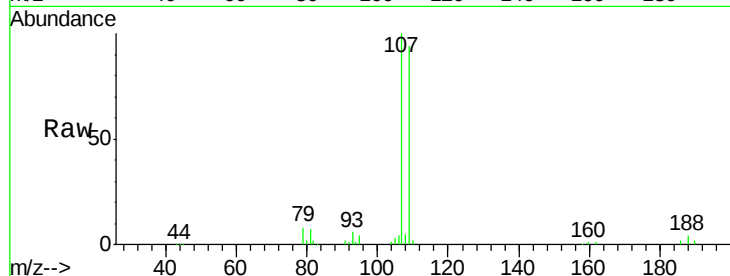




#61
 1,2-Dibromoethane
 Concen: 55.667 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

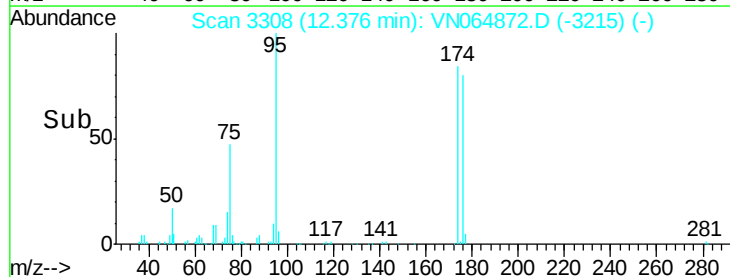
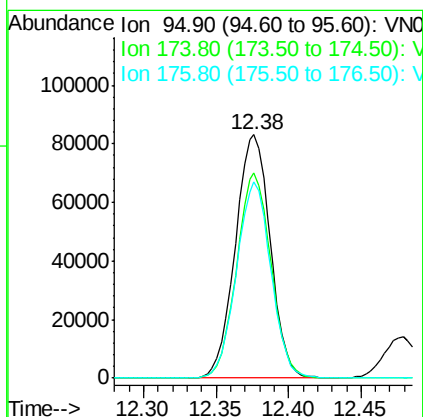
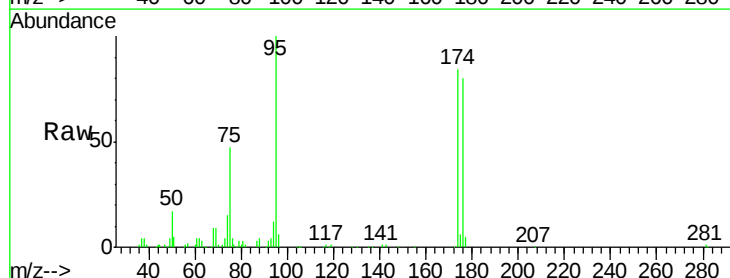
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

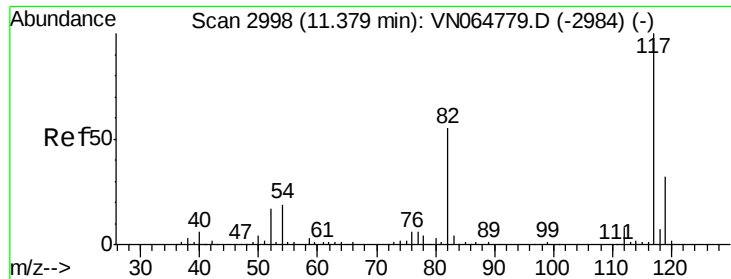
Tot Ion: 107 Resp: 129399
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 49.869 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion: 95 Resp: 138795
 Ion Ratio Lower Upper
 95 100
 174 83.0 0.0 160.4
 176 79.5 0.0 158.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

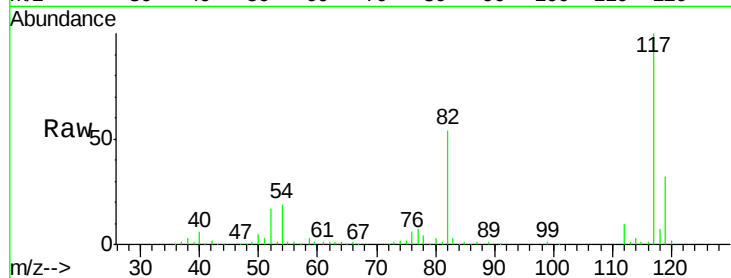
Tot Ion:117 Resp: 288972

Ion Ratio Lower Upper

117 100

82 53.6 44.2 66.2

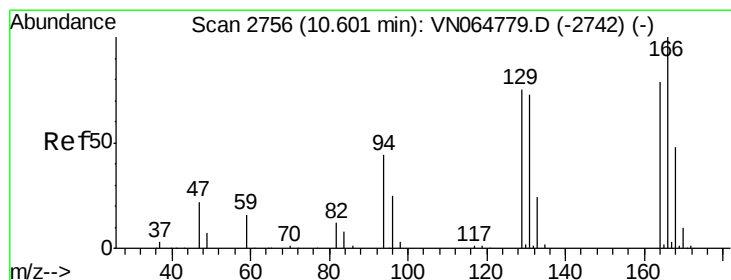
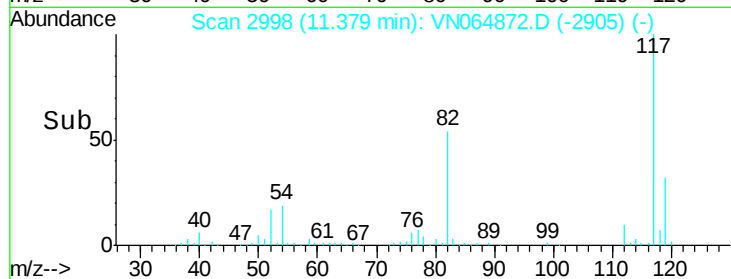
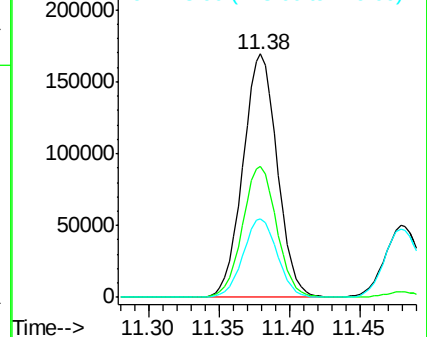
119 32.4 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 58.514 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Tgt Ion:164 Resp: 164506

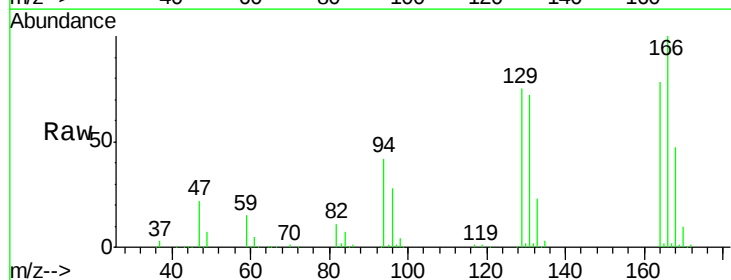
Ion Ratio Lower Upper

164 100

166 128.8 101.4 152.0

129 96.6 76.1 114.1

131 93.3 74.2 111.2

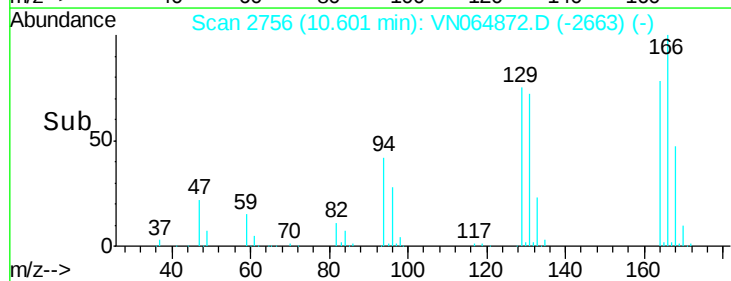
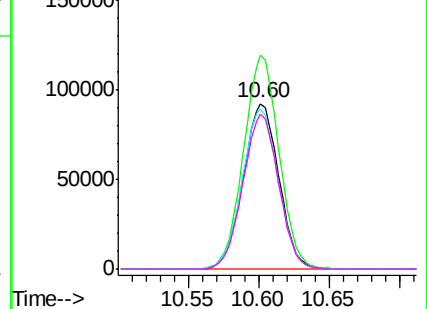


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

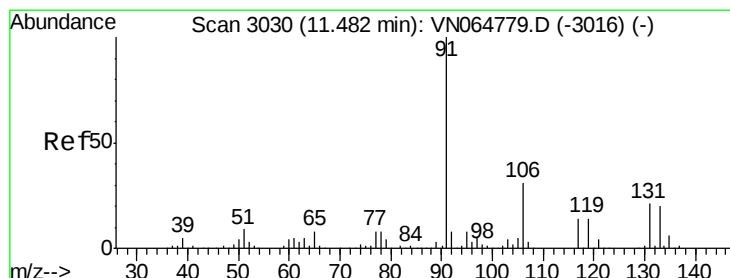
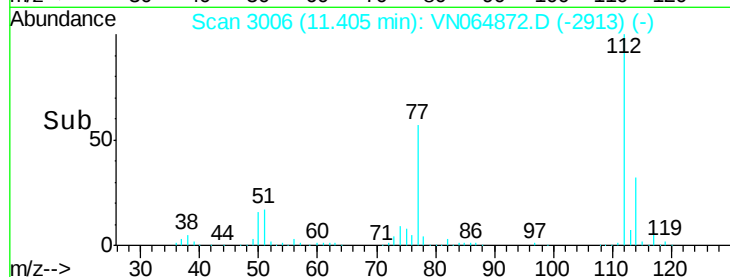
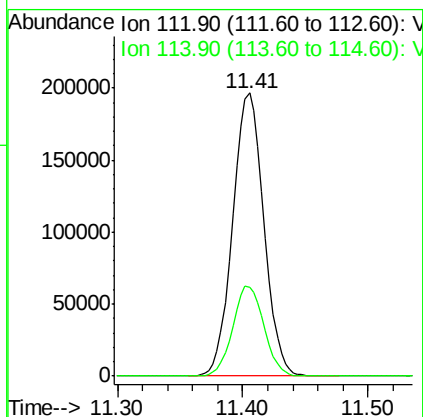
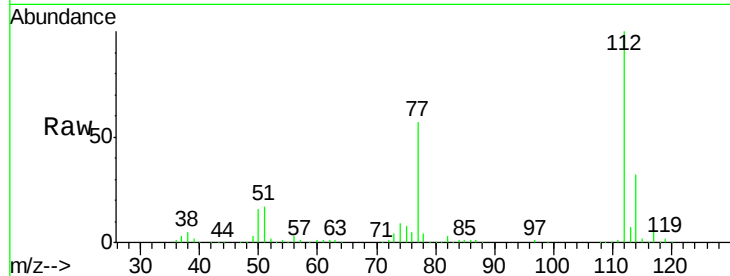




#65
Chlorobenzene
Concen: 54.530 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

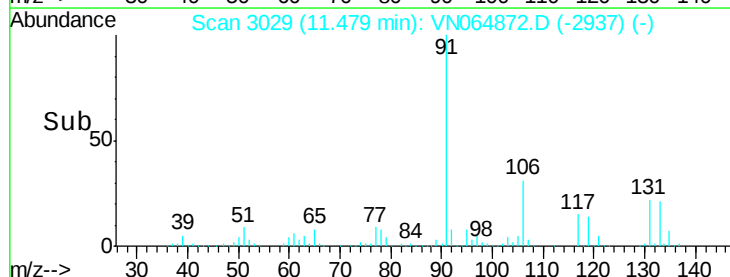
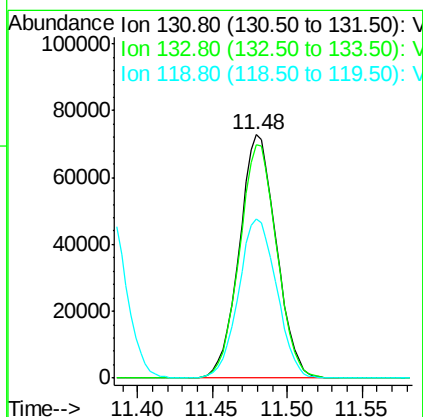
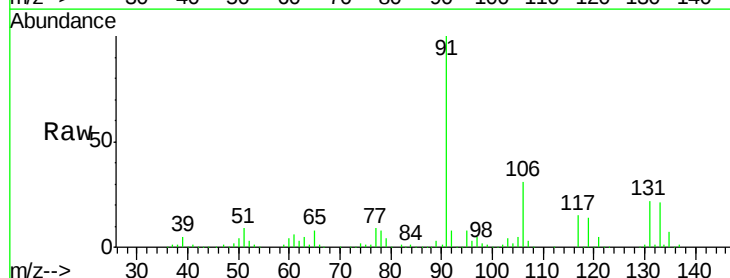
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 338388
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 55.001 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion:131 Resp: 125434
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.5
119 67.2 33.3 99.8

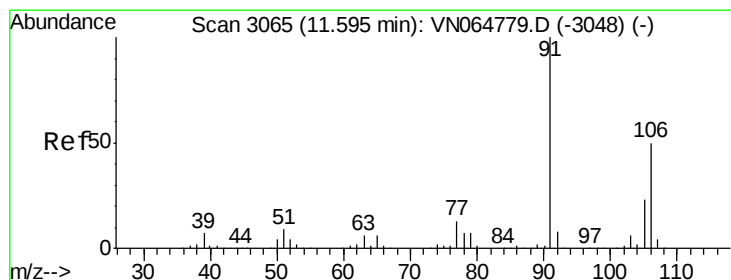
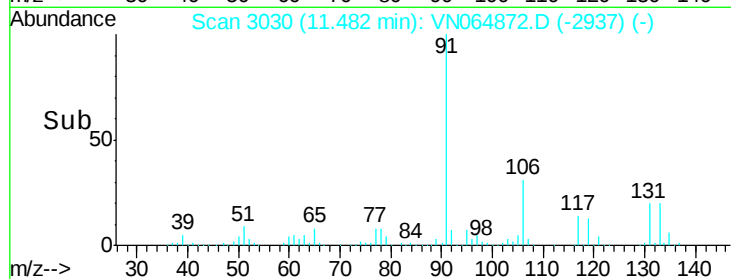
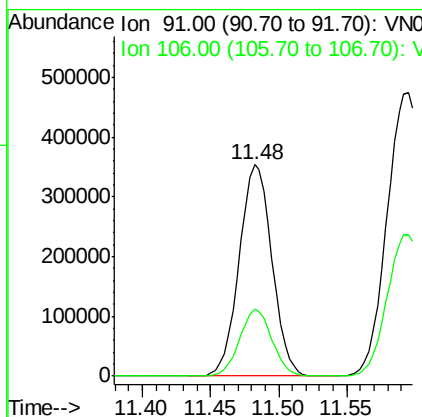
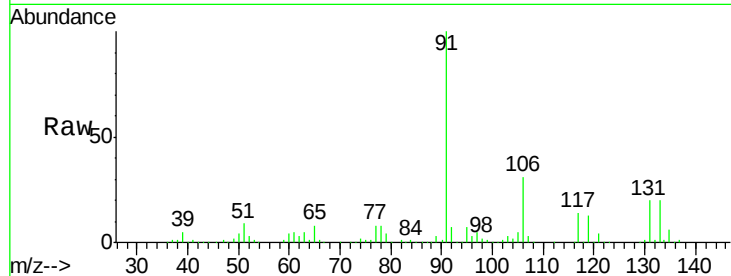




#67
Ethyl Benzene
Concen: 57.008 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

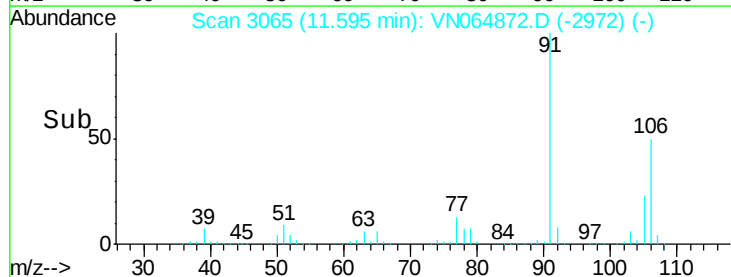
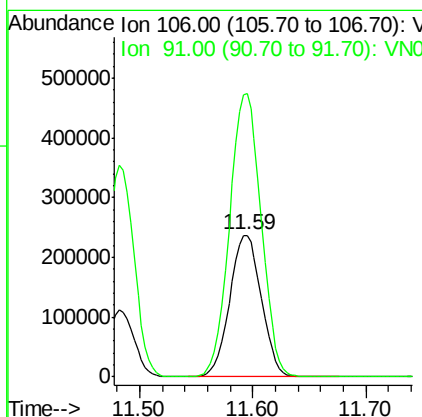
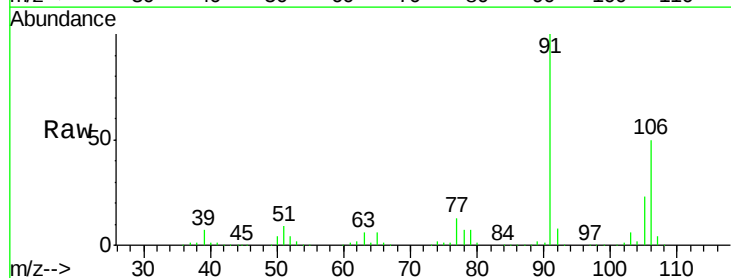
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 590993
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



#68
m/p-Xylenes
Concen: 117.174 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 106 Resp: 459906
Ion Ratio Lower Upper
106 100
91 199.8 161.0 241.4

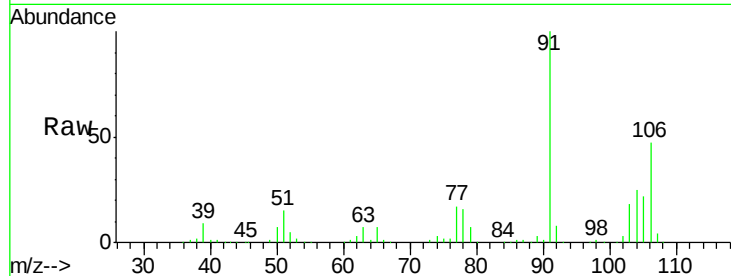




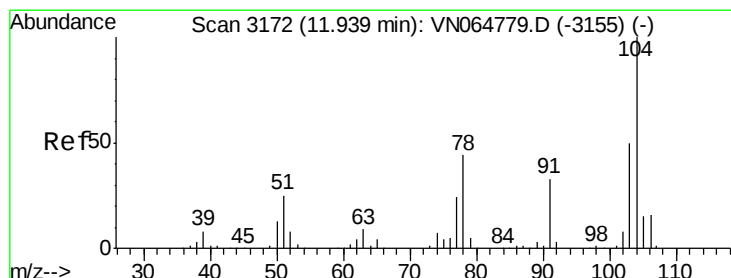
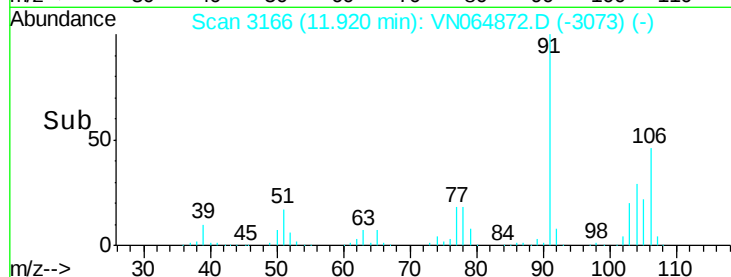
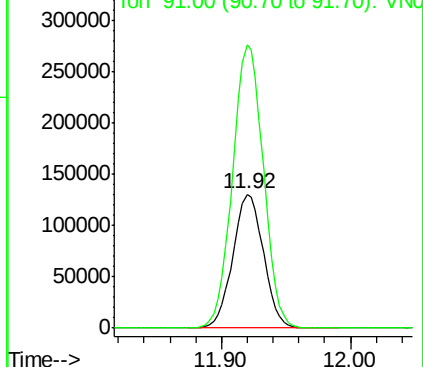
#69
o-Xylene
Concen: 57.933 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 215778
Ion Ratio Lower Upper
106 100
91 212.9 105.5 316.5

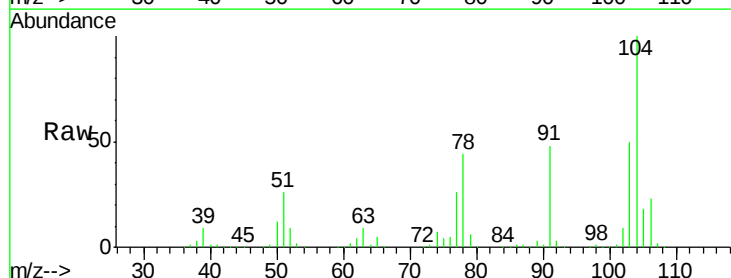


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

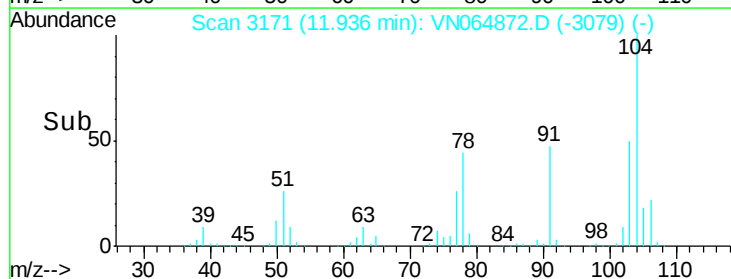
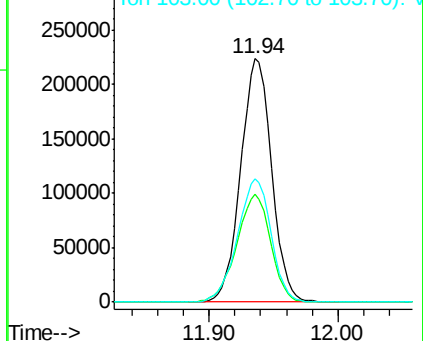


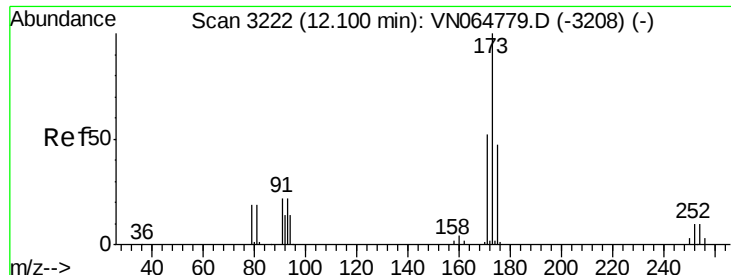
#70
Styrene
Concen: 59.546 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion:104 Resp: 374408
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.6
103 54.8 44.3 66.5



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

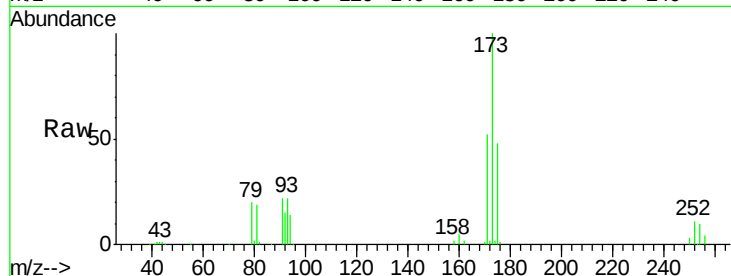




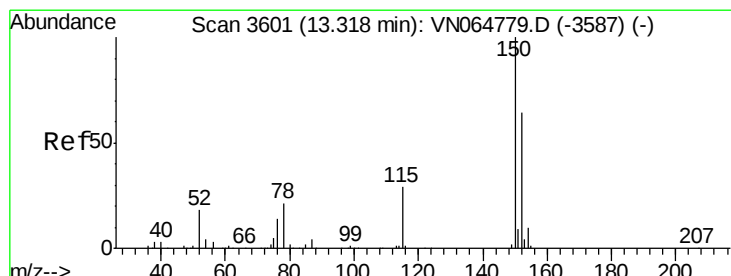
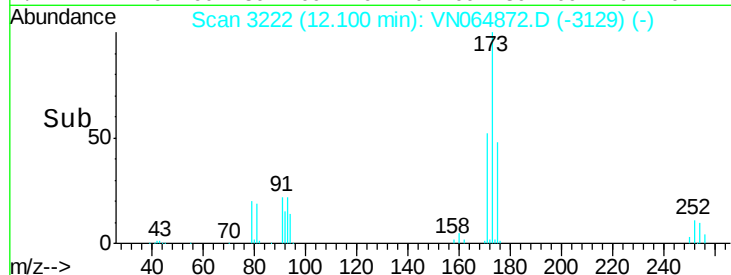
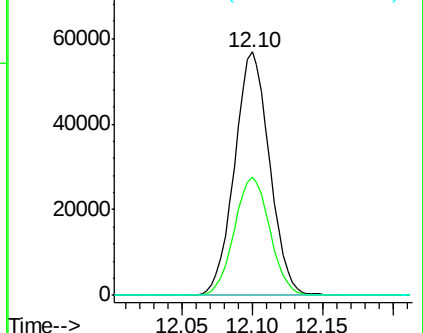
#71
Bromoform
Concen: 54.278 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 98867
Ion Ratio Lower Upper
173 100
175 49.2 24.3 72.8
254 0.0 0.0 0.0

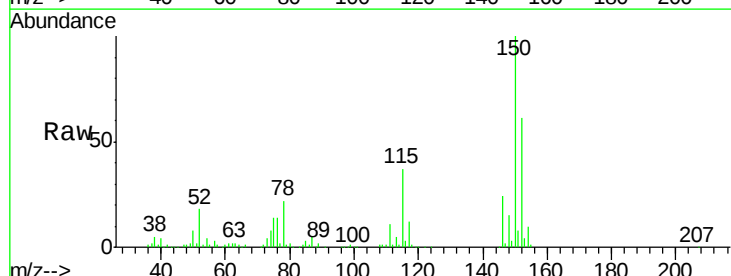


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

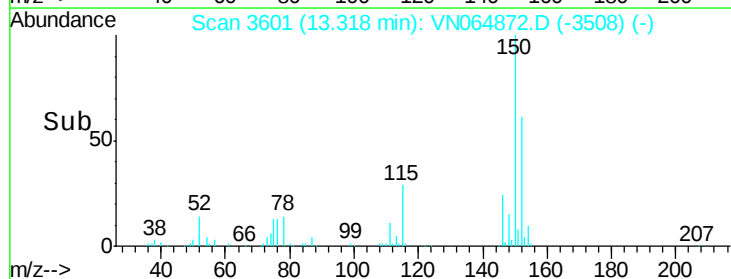
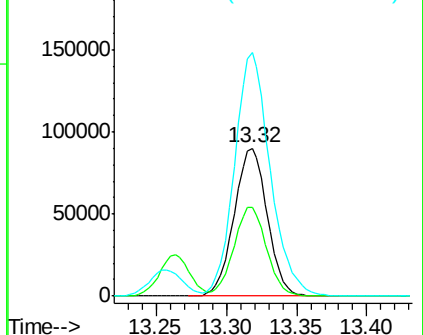


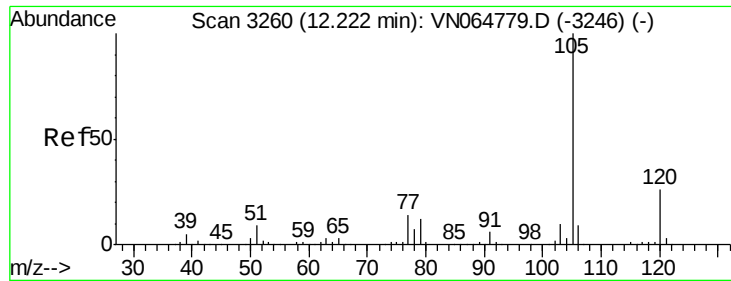
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion:152 Resp: 147808
Ion Ratio Lower Upper
152 100
115 59.4 29.7 89.1
150 177.8 0.0 350.6



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





#73

Isopropylbenzene

Concen: 56.479 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

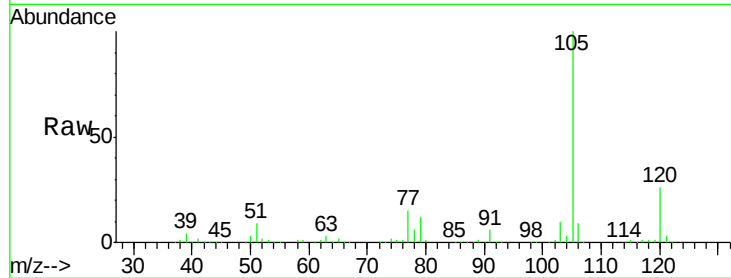
VSTDCCC050EC

Tot Ion:105 Resp: 580668

Ion Ratio Lower Upper

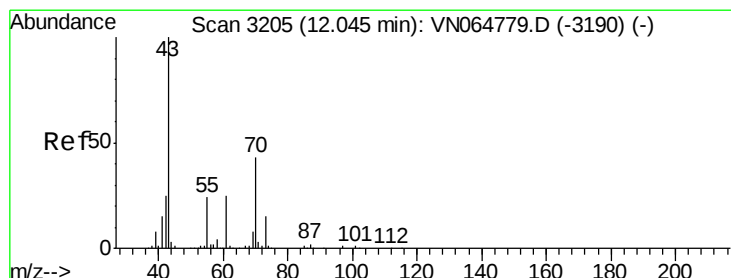
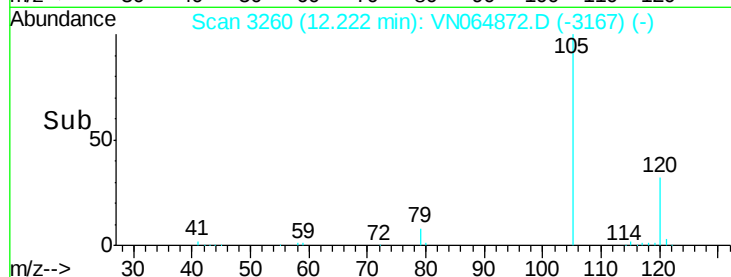
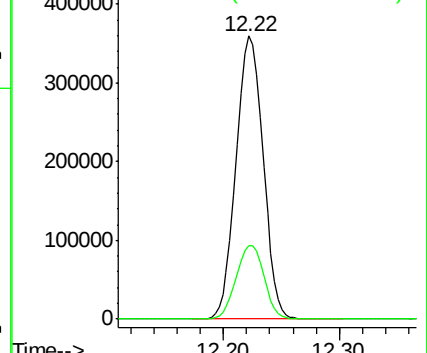
105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.673 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Tgt Ion: 43 Resp: 217161

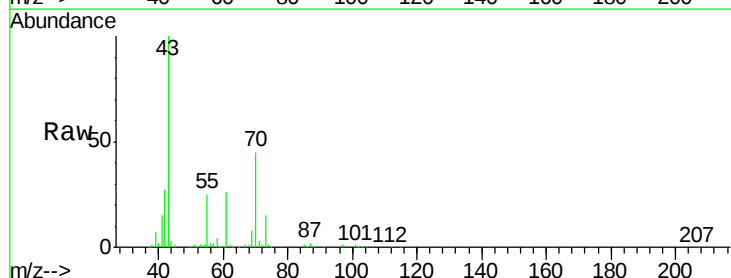
Ion Ratio Lower Upper

43 100

70 44.8 34.5 51.7

55 25.6 20.4 30.6

61 25.4 20.0 30.0

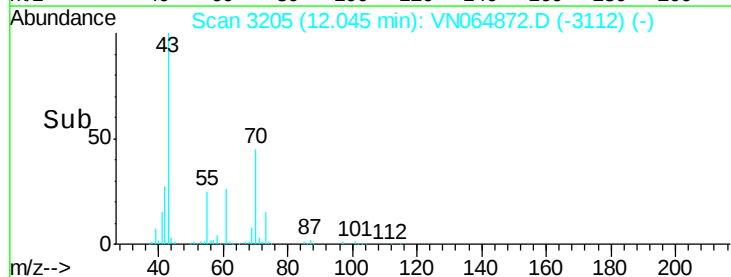
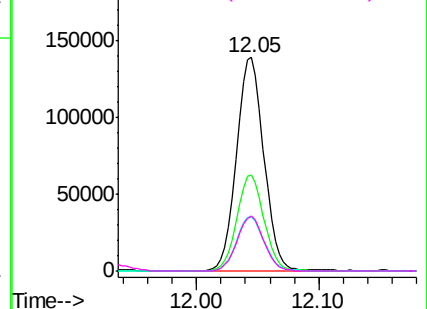


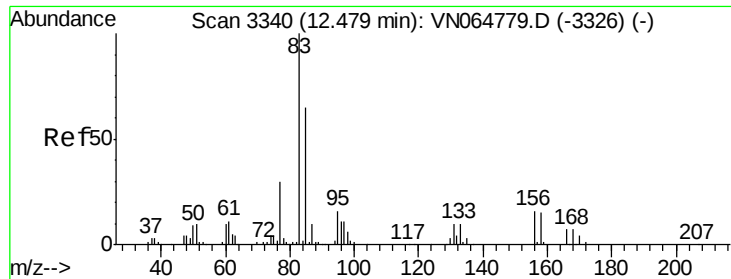
Abundance Ion 43.00 (42.70 to 43.70): VN0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 50.451 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

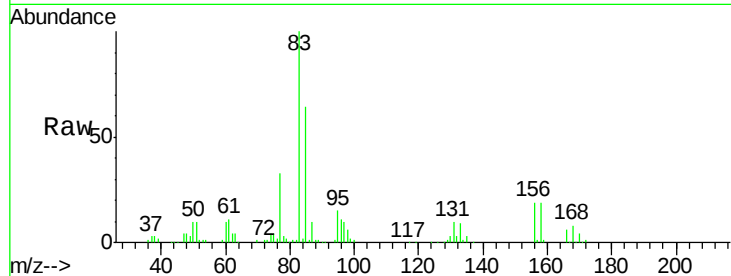
Tot Ion: 83 Resp: 152029

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

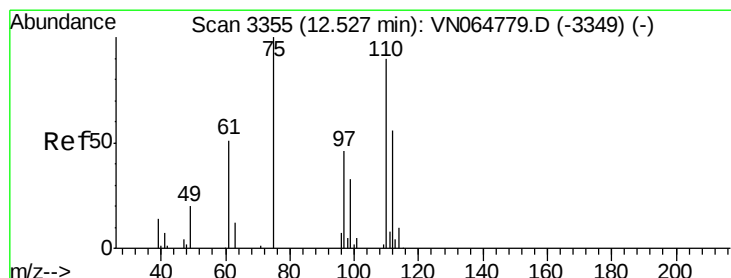
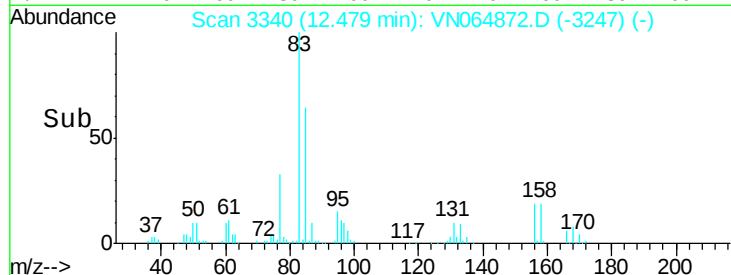
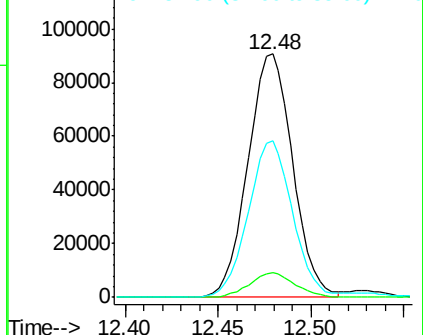
85 63.8 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064872.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064872.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064872.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 71.763 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064872.D

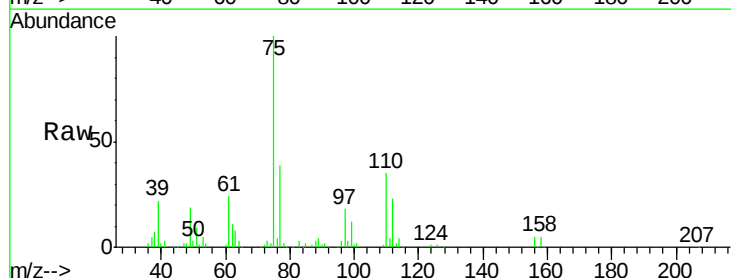
Acq: 30 Nov 2020 15:10

Tgt Ion: 75 Resp: 228432

Ion Ratio Lower Upper

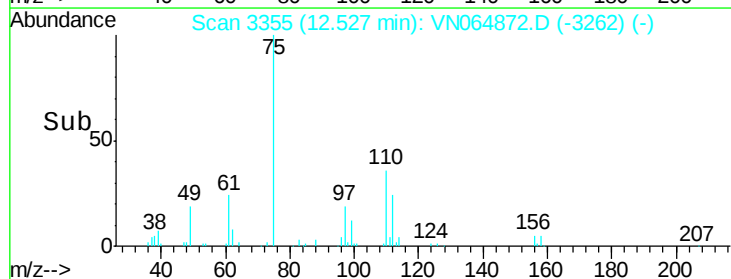
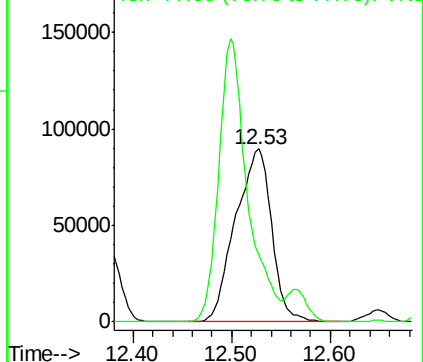
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064872.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064872.D (-3262) (-)





#77

Bromobenzene

Concen: 53.047 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

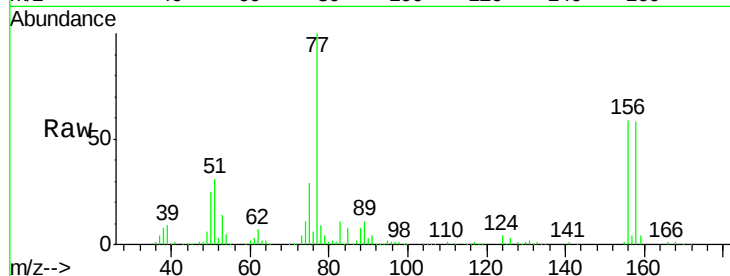
Tot Ion:156 Resp: 147035

Ion Ratio Lower Upper

156 100

77 203.8 101.3 303.7

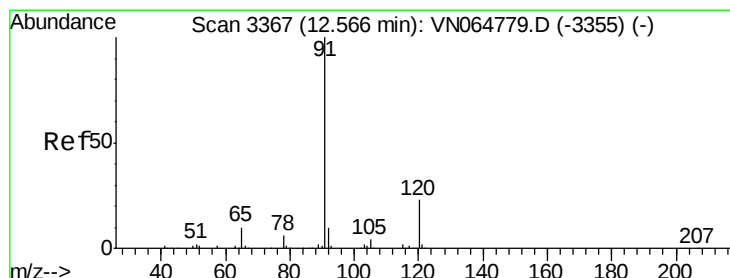
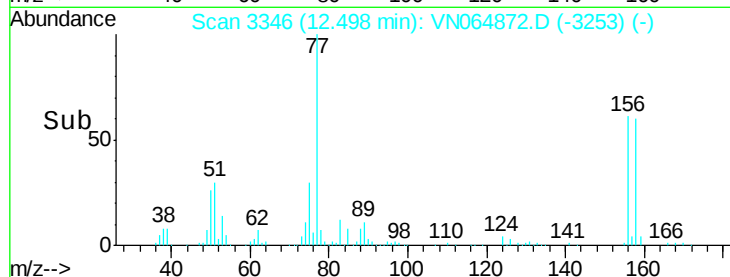
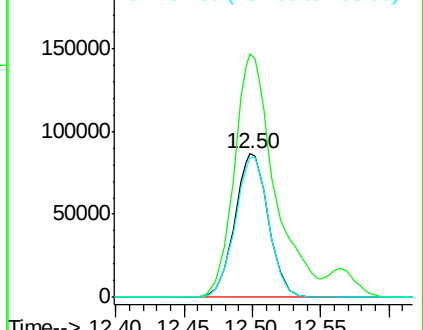
158 97.7 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.740 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064872.D

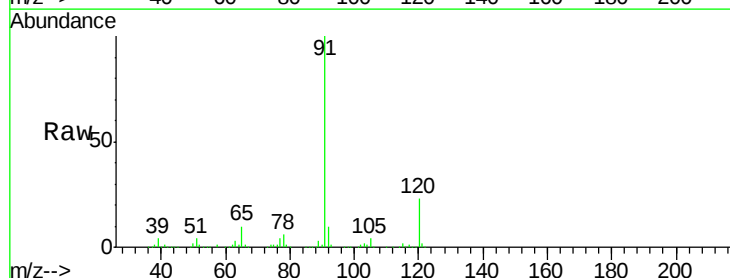
Acq: 30 Nov 2020 15:10

Tgt Ion: 91 Resp: 676265

Ion Ratio Lower Upper

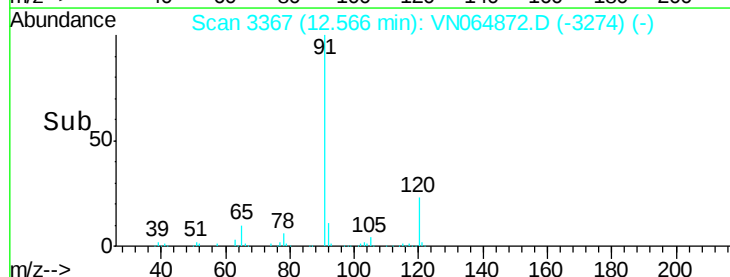
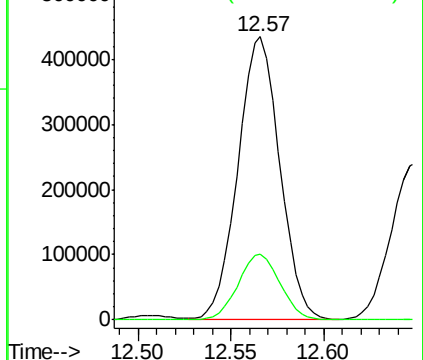
91 100

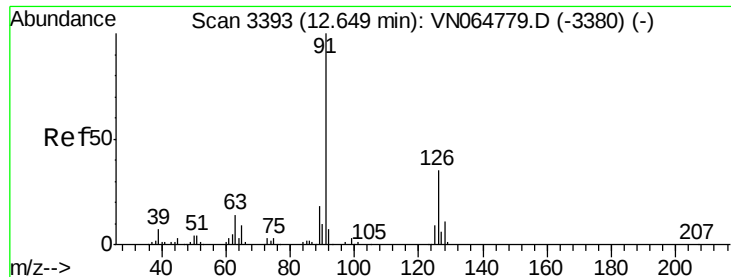
120 23.5 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.772 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

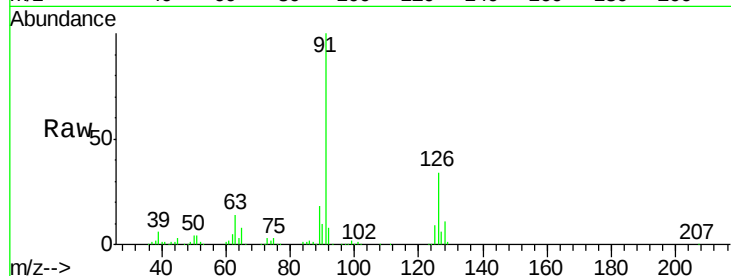
VSTDCCC050EC

Tot Ion: 91 Resp: 396540

Ion Ratio Lower Upper

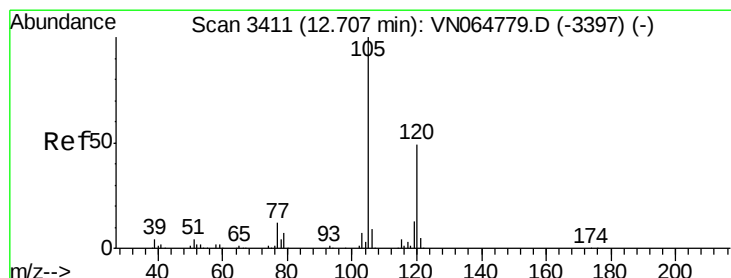
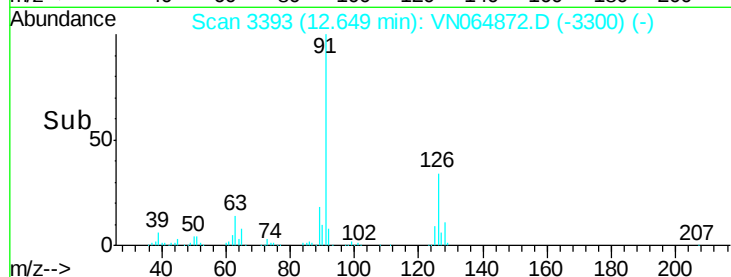
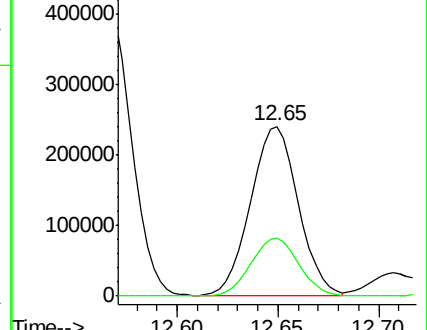
91 100

126 34.6 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064872.D (-3393) (-)

Ion 125.90 (125.60 to 126.60): VN064872.D (-3393) (-)



#80

1,3,5-Trimethylbenzene

Concen: 58.654 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064872.D

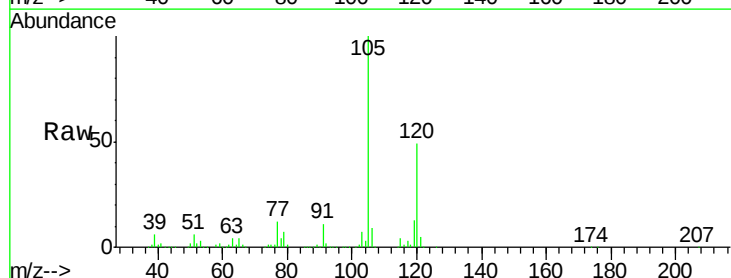
Acq: 30 Nov 2020 15:10

Tgt Ion: 105 Resp: 501232

Ion Ratio Lower Upper

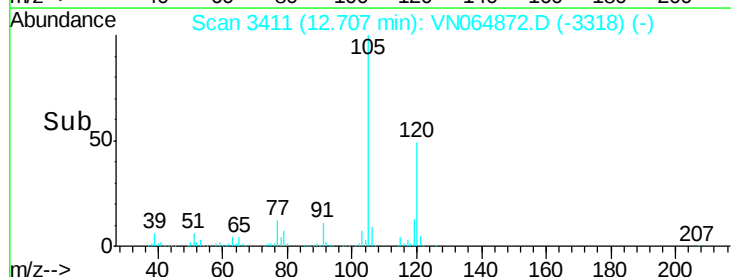
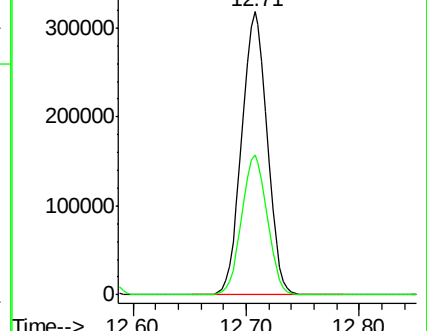
105 100

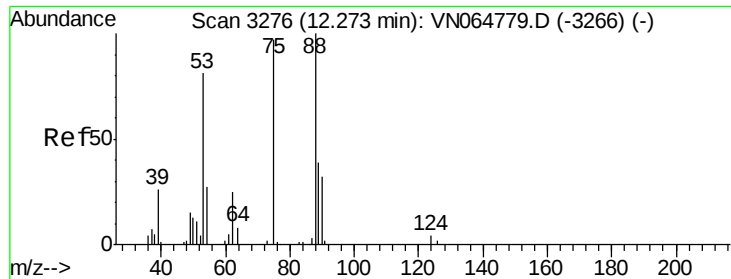
120 49.5 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064872.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064872.D (-3411) (-)

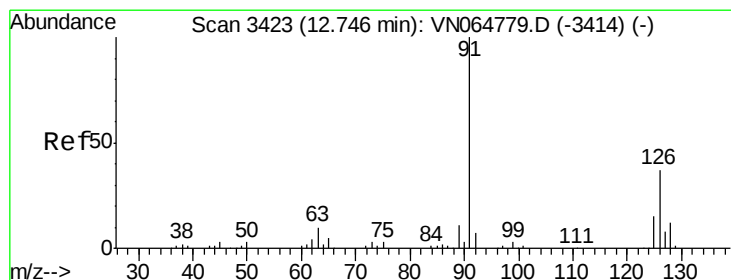
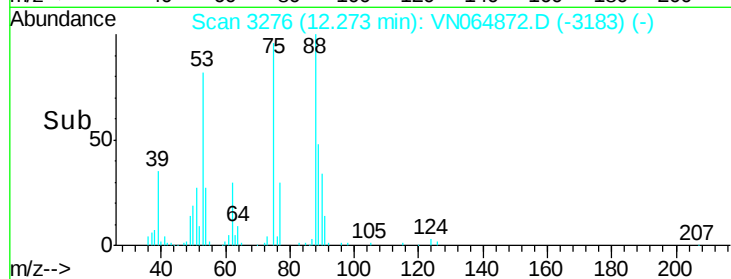
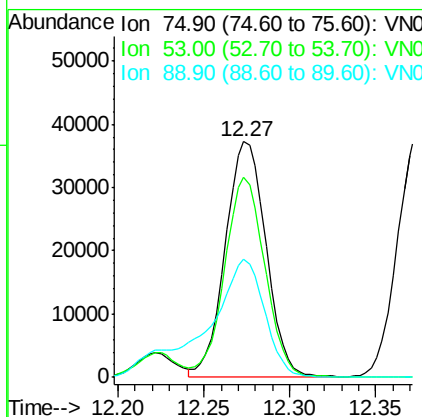
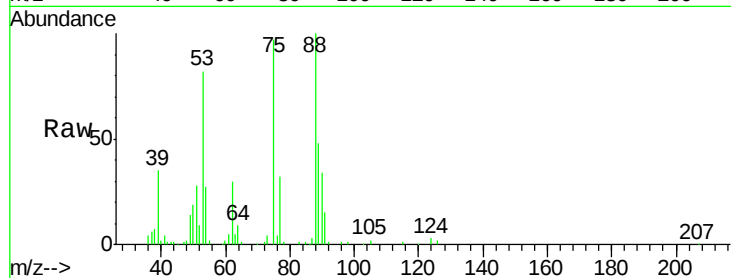




#81
trans-1,4-Dichloro-2-butene
Concen: 52.928 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

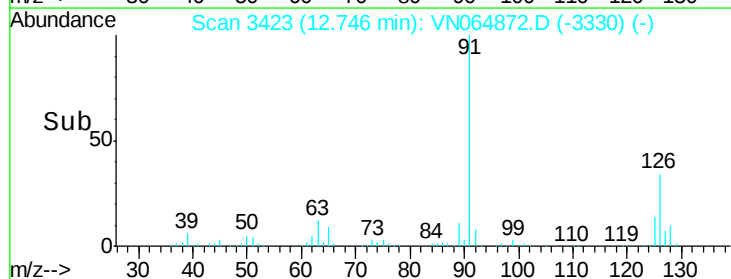
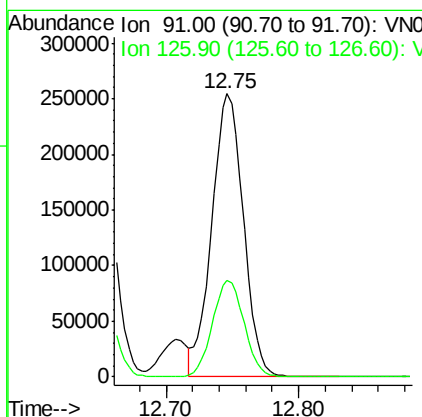
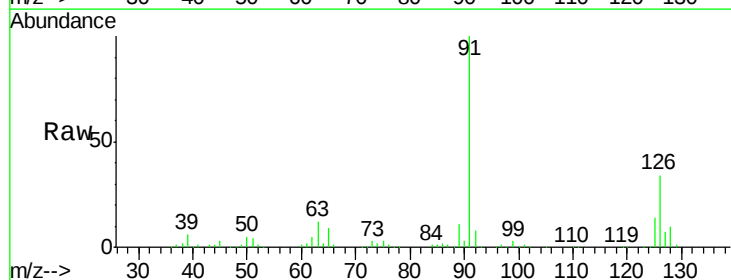
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

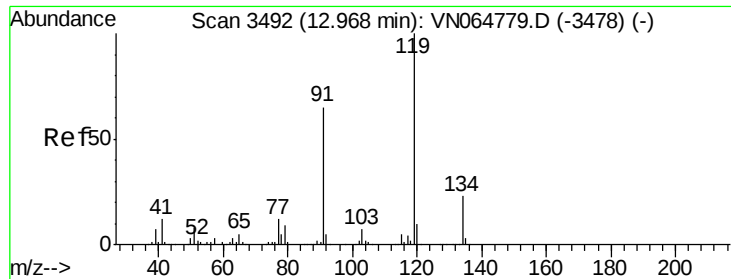
Tot Ion: 75 Resp: 61472
Ion Ratio Lower Upper
75 100
53 83.9 67.0 100.4
89 61.6 39.6 59.4#



#82
4-Chlorotoluene
Concen: 55.356 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 91 Resp: 420078
Ion Ratio Lower Upper
91 100
126 34.1 16.9 50.7

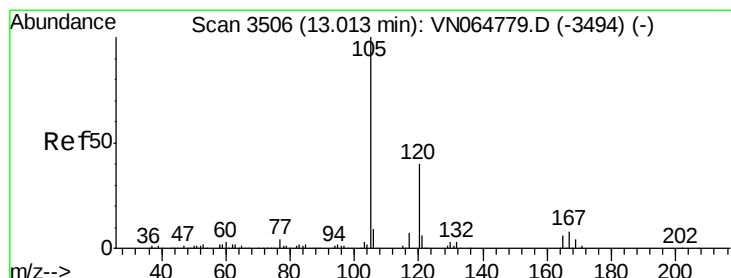
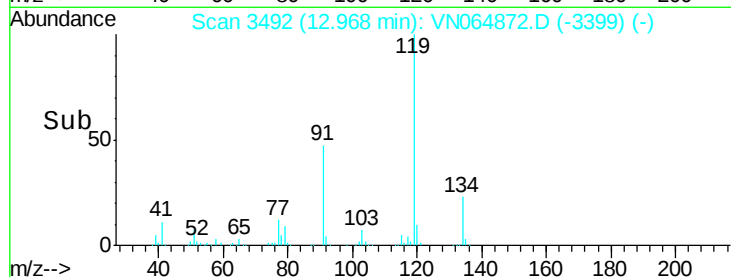
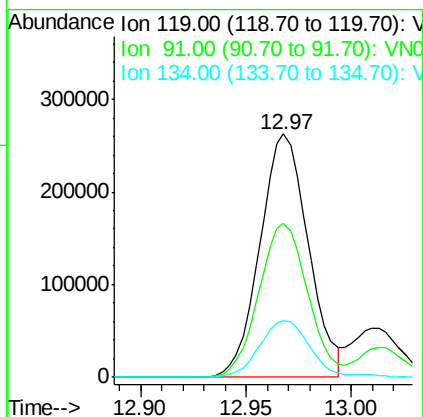
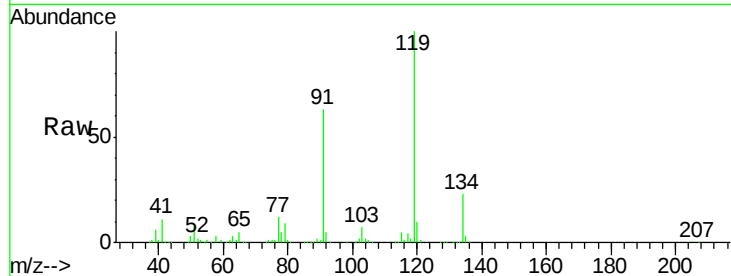




#83
 tert-Butylbenzene
 Concen: 58.395 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

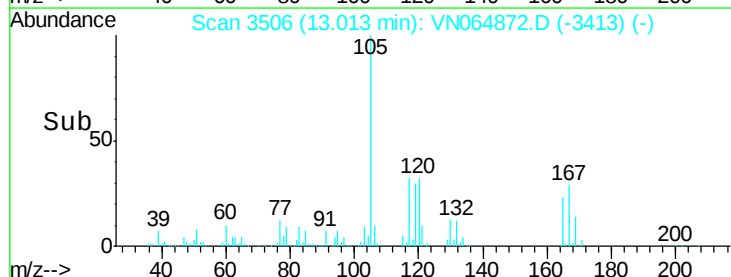
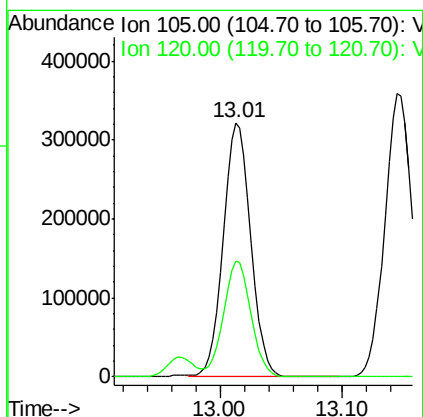
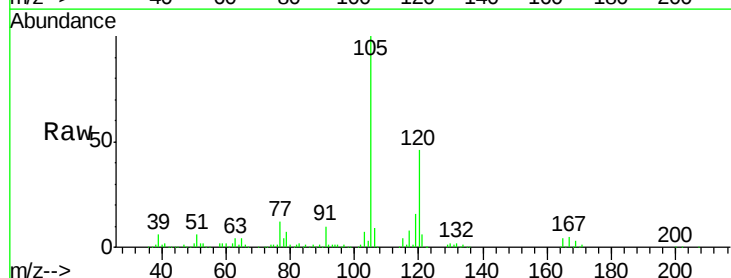
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

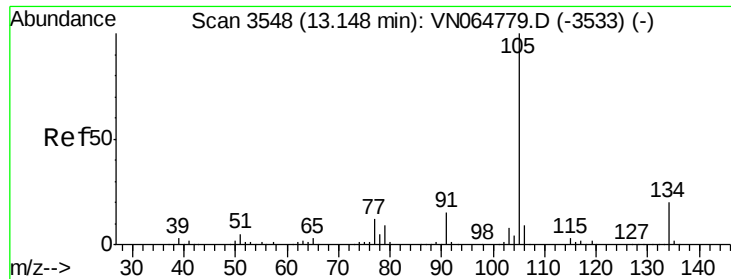
Tot Ion:119 Resp: 418278
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.3 96.8
 134 24.8 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 58.979 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion:105 Resp: 509588
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.1 69.2

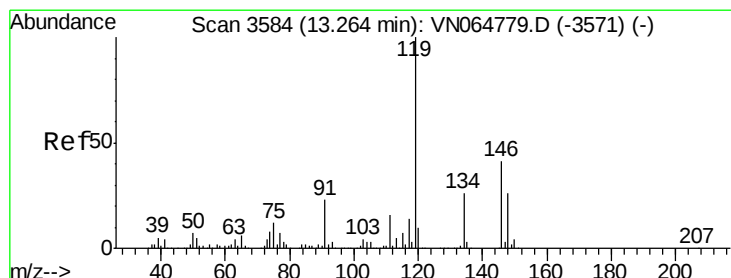
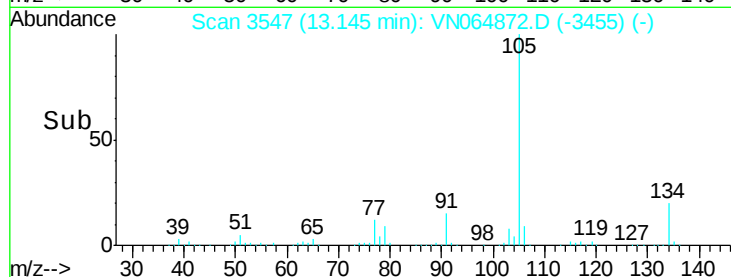
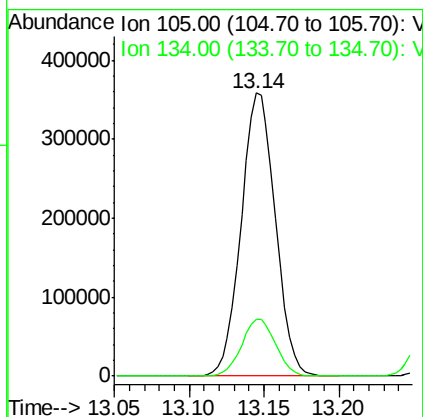
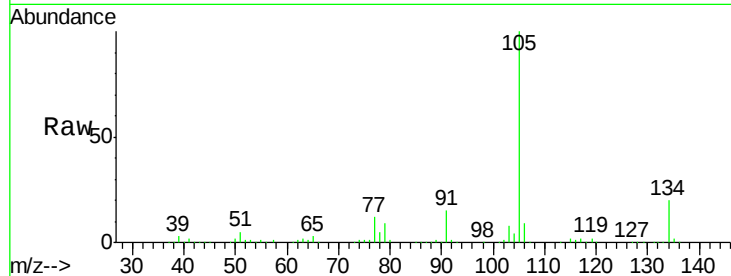




#85
 sec-Butylbenzene
 Concen: 59.846 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

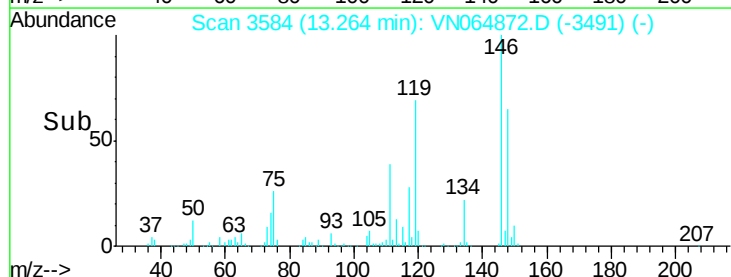
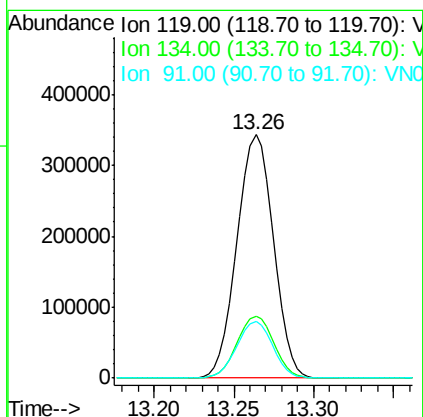
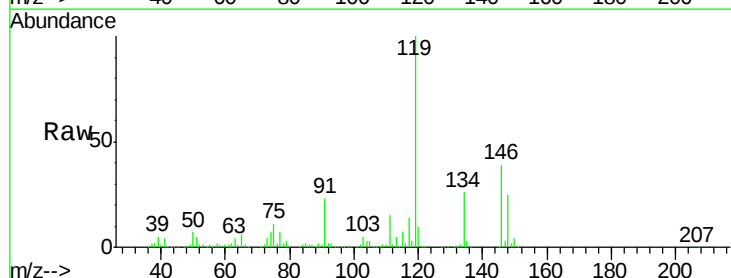
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 569154
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 61.486 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion:119 Resp: 532378
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.0 11.5 34.5

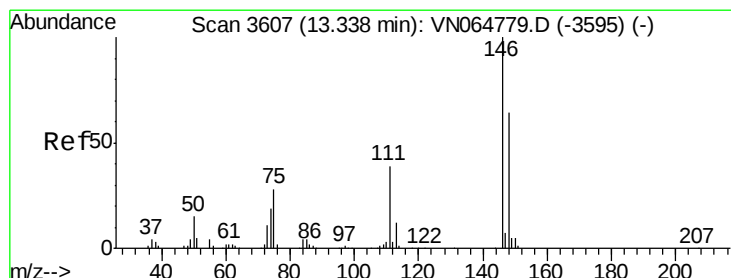
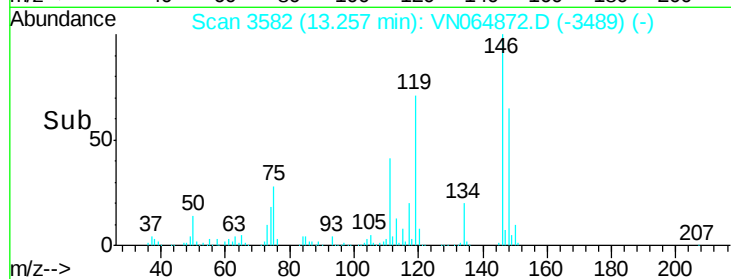
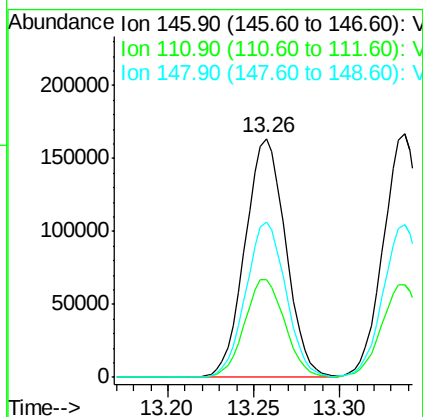
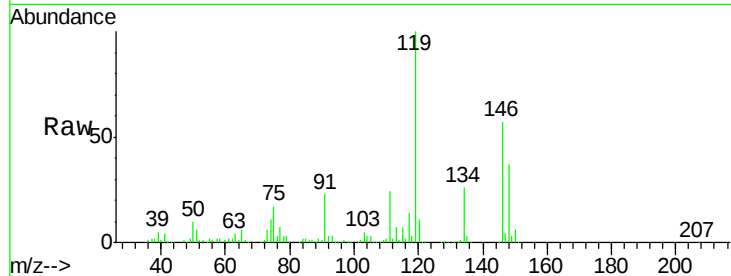




#87
 1,3-Dichlorobenzene
 Concen: 54.636 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

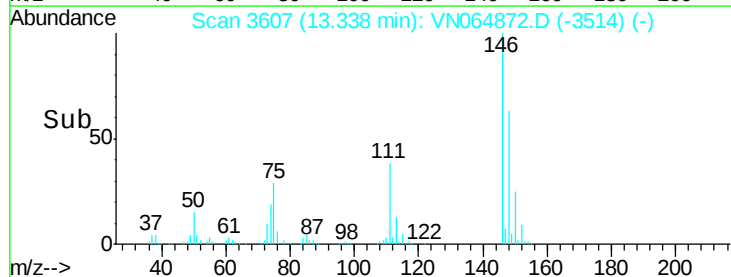
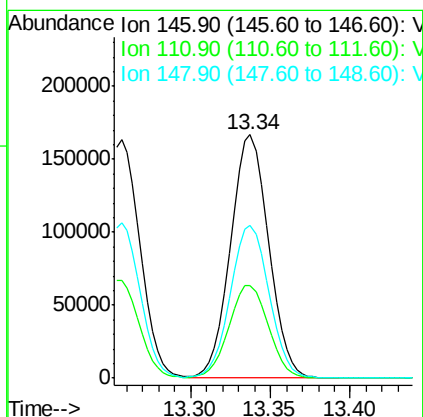
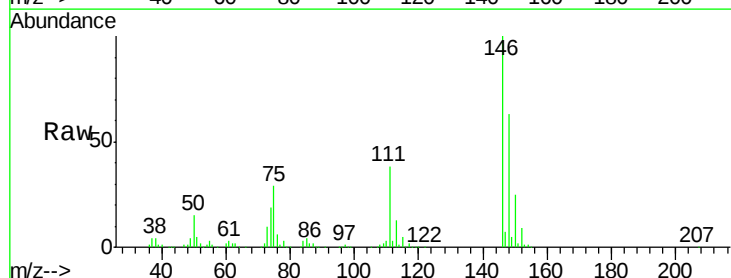
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

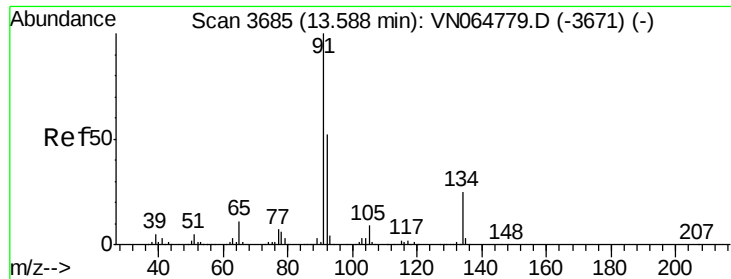
Tot Ion:146 Resp: 269053
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.6 61.9
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 51.696 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion:146 Resp: 269225
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.8 59.3
 148 63.9 31.9 95.5

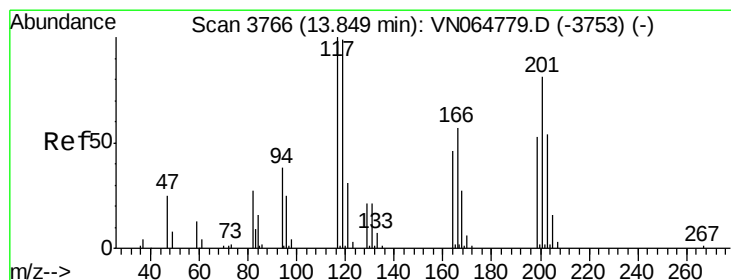
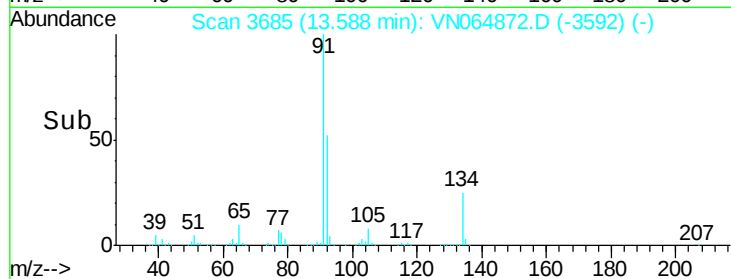
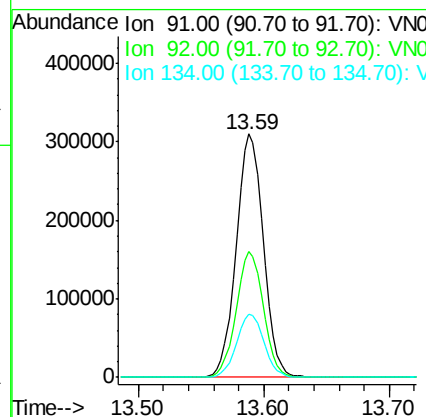
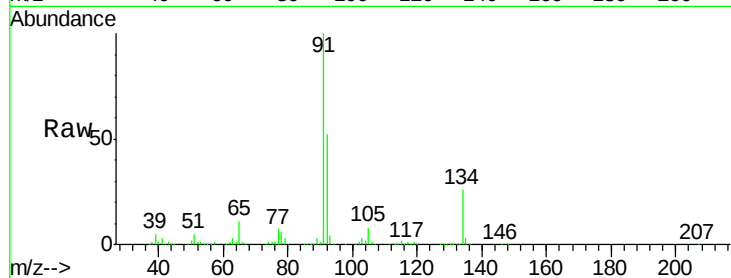




#89
n-Butylbenzene
Concen: 61.305 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

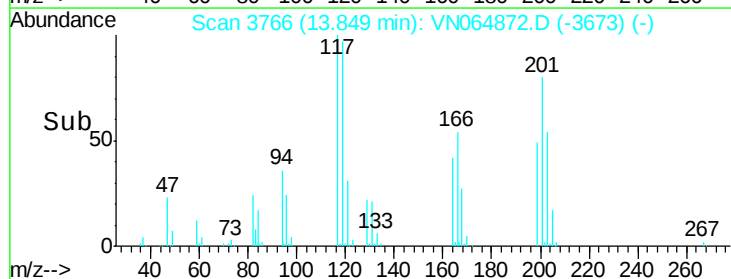
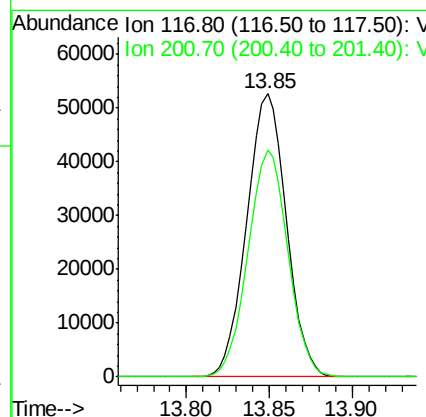
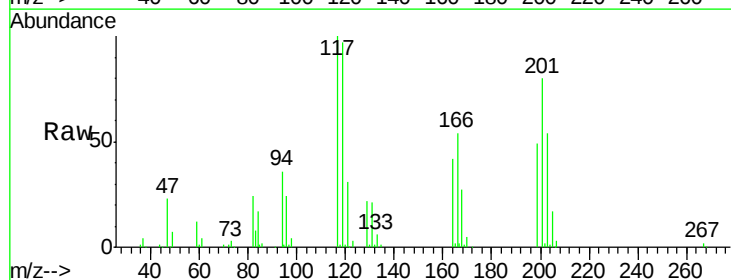
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 466155
Ion Ratio Lower Upper
91 100
92 51.8 26.0 78.0
134 26.2 12.9 38.6



#90
Hexachloroethane
Concen: 58.427 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 117 Resp: 87884
Ion Ratio Lower Upper
117 100
201 80.4 40.1 120.3

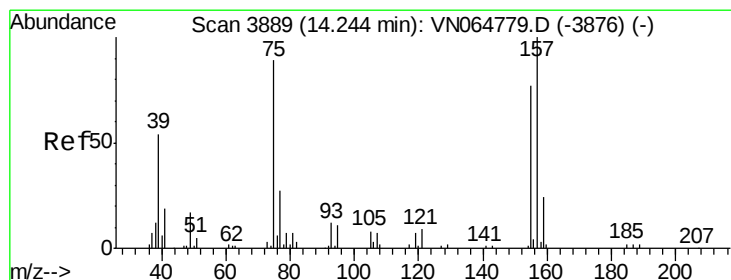
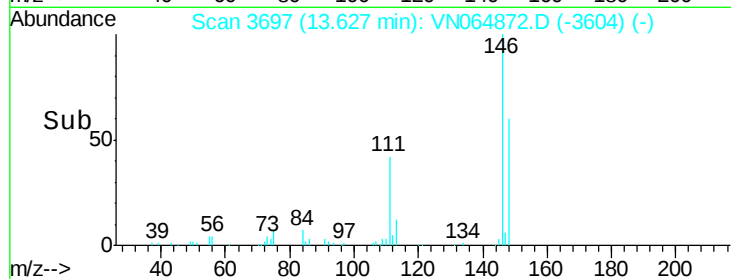
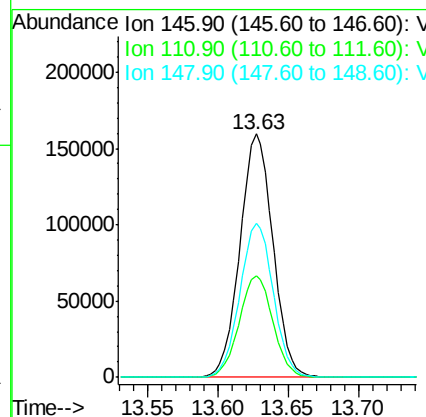
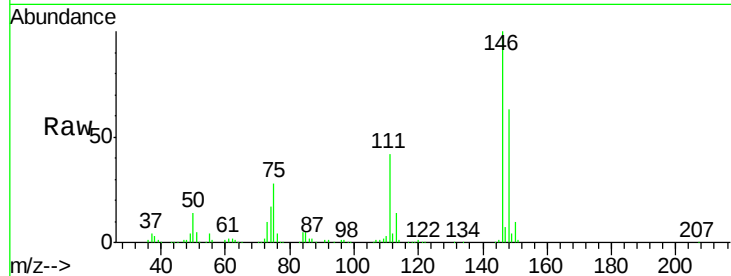




#91
 1,2-Dichlorobenzene
 Concen: 54.139 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

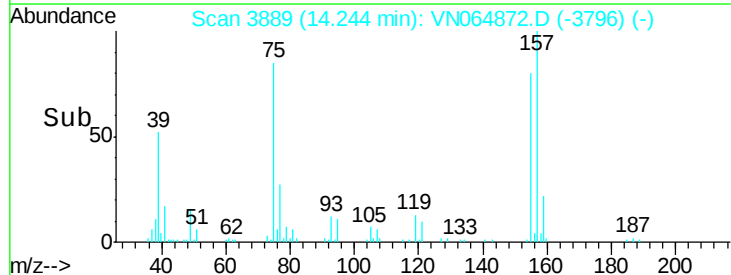
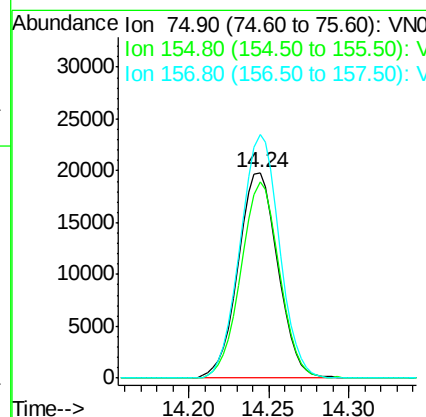
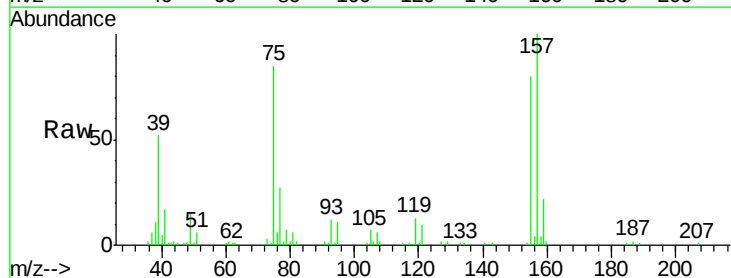
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

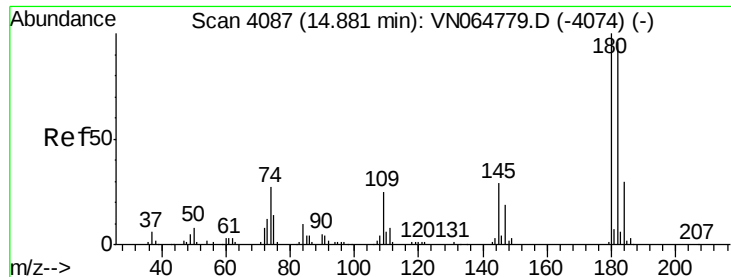
Tot Ion:146 Resp: 261778
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.1
 148 63.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.523 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion: 75 Resp: 33579
 Ion Ratio Lower Upper
 75 100
 155 92.0 42.8 128.3
 157 116.5 56.4 169.1

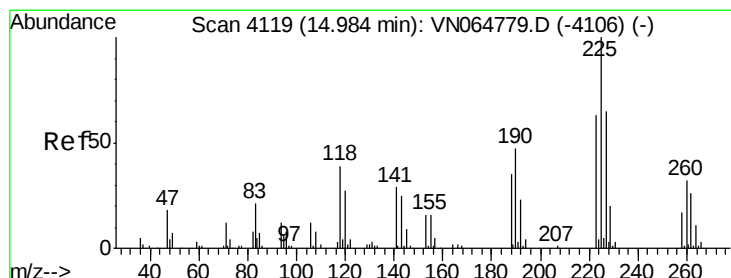
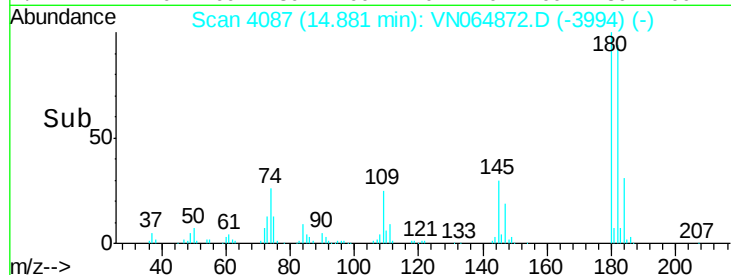
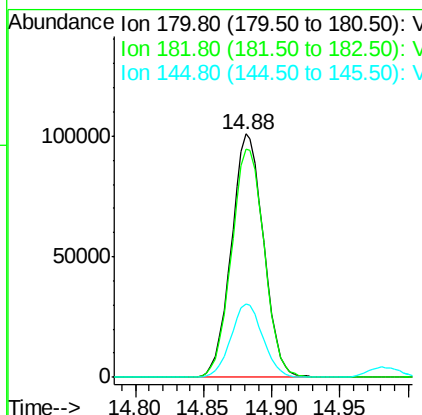
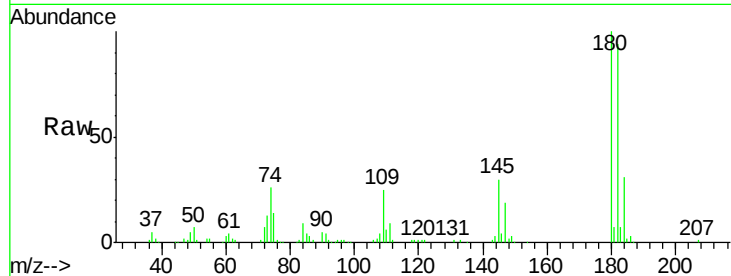




#93
 1,2,4-Trichlorobenzene
 Concen: 55.254 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

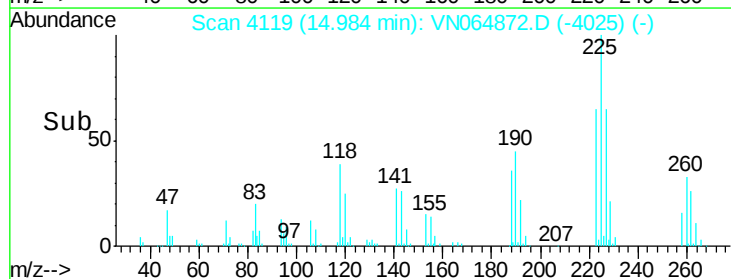
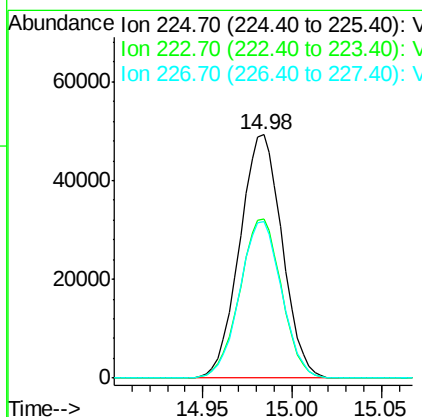
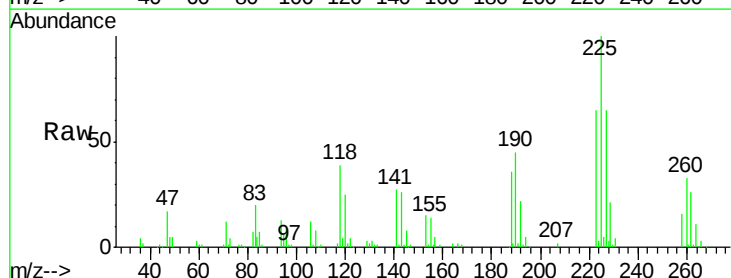
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

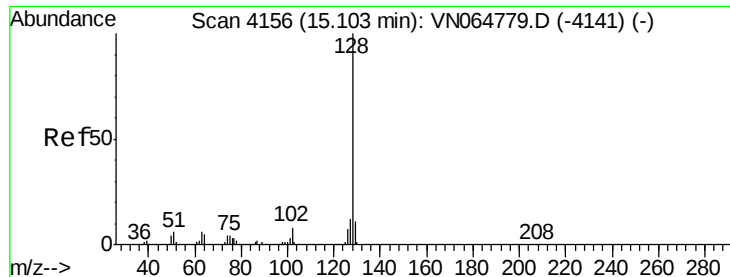
Tot Ion:180 Resp: 165275
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.6 142.9
 145 29.9 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 60.804 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion:225 Resp: 82010
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.0 93.0
 227 63.6 32.0 96.0





#95

Naphthalene

Concen: 52.267 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

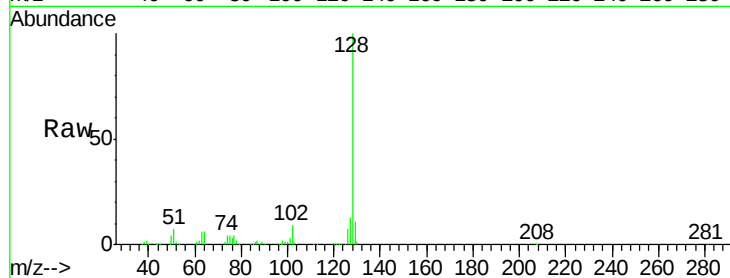
Tot Ion:128 Resp: 468375

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

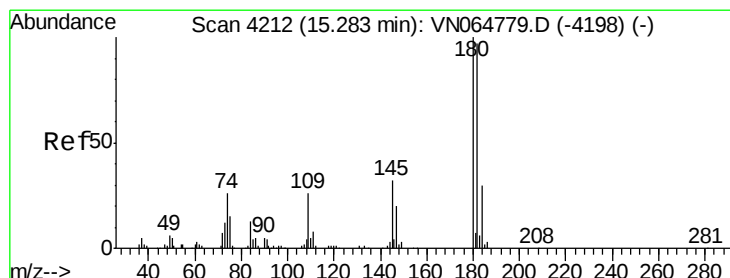
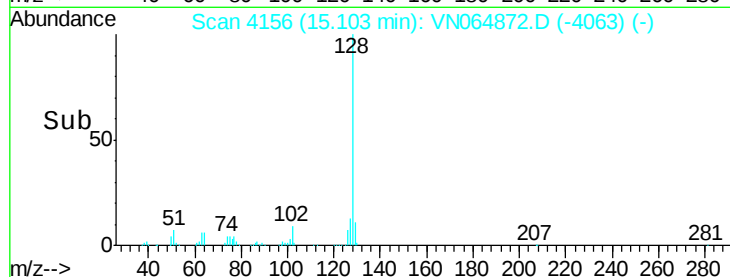
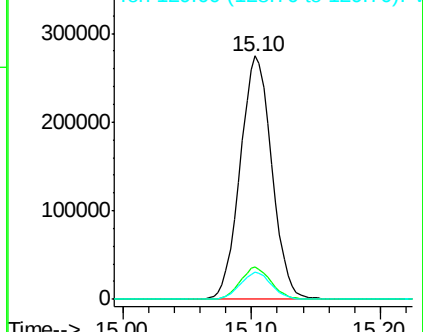
129 10.9 8.7 13.1



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: 55.344 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

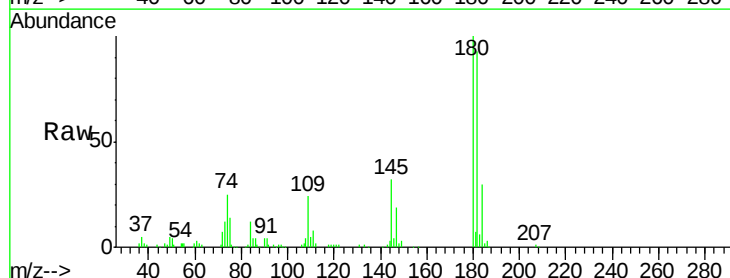
Tgt Ion:180 Resp: 157753

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.4

145 32.1 16.4 49.1



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

