

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 :

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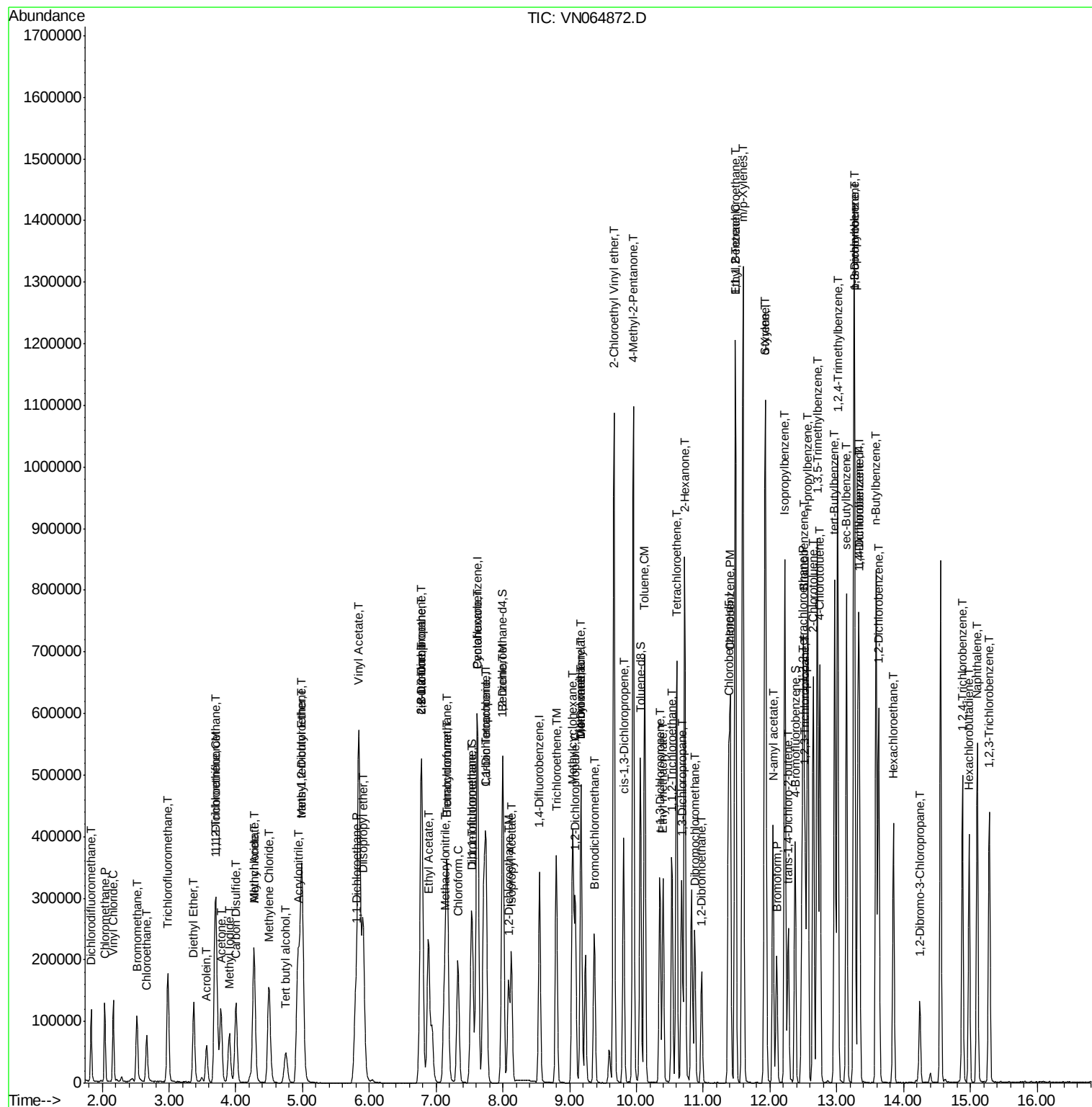
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	165275	55.254	ug/l	100
94) Hexachlorobutadiene	14.98	225	82010	60.804	ug/l	98
95) Naphthalene	15.10	128	468375	52.267	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	157753	55.344	ug/l	99

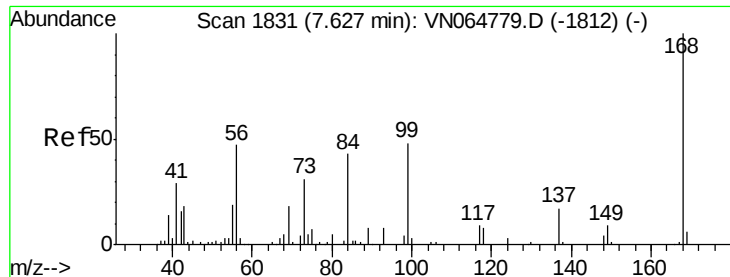
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

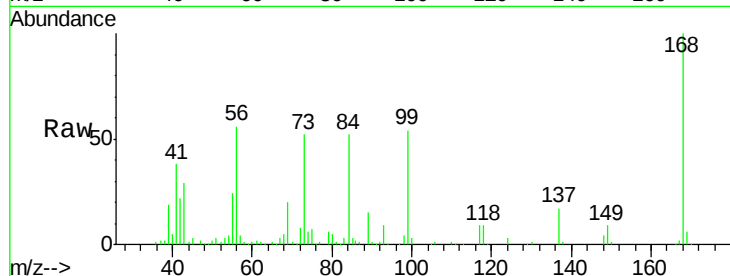
ClientSampleId :

Tot Ion:168 Resp: 208923

Ion Ratio Lower Upper

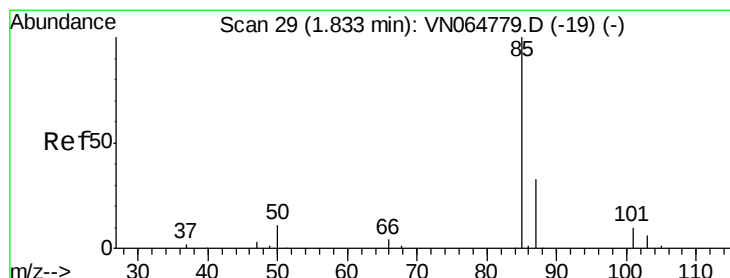
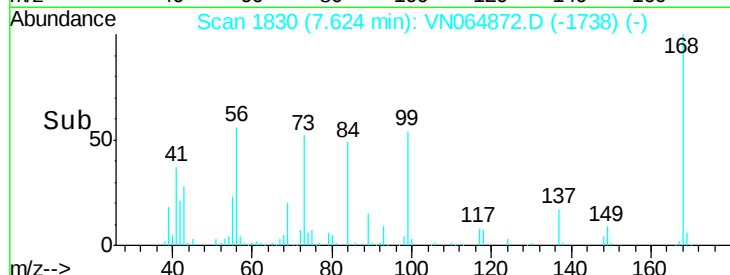
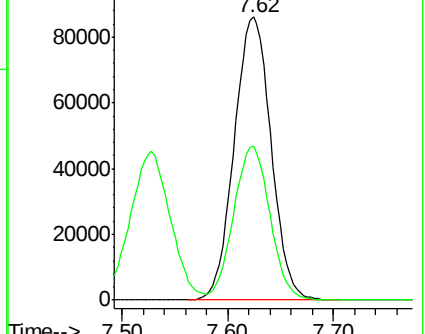
168 100

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

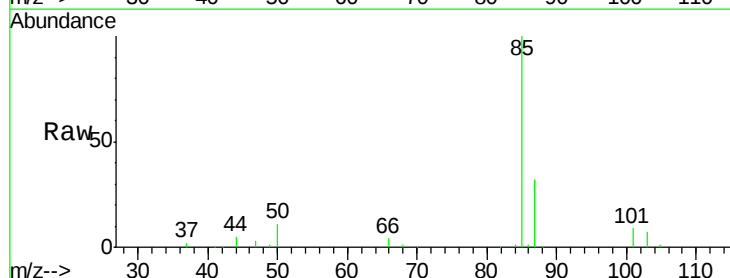
Acq: 30 Nov 2020 15:10

Tgt Ion: 85 Resp: 88893

Ion Ratio Lower Upper

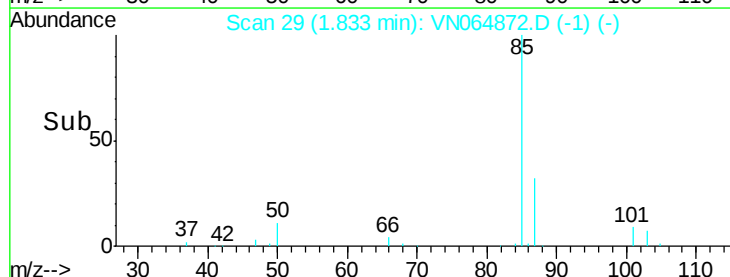
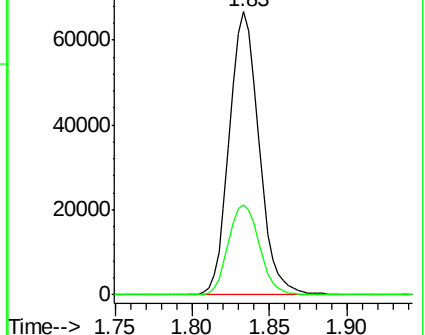
85 100

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

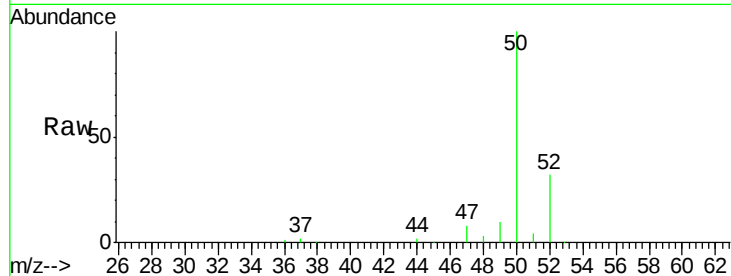
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 110920

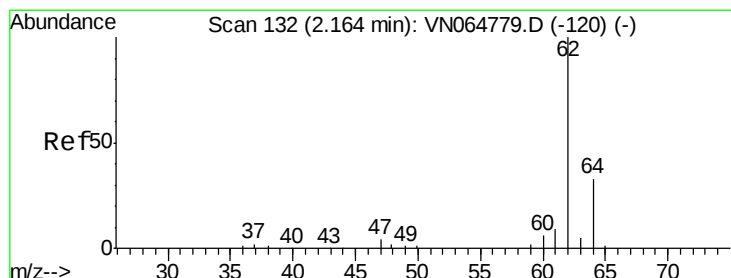
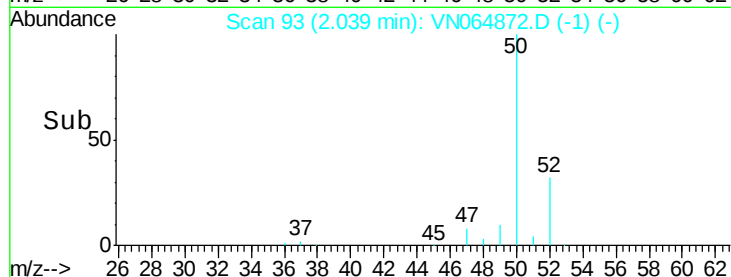
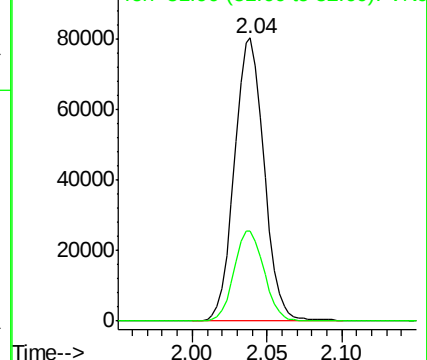
Ion Ratio Lower Upper

50 100

52 31.9 26.6 39.8



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



#4

Vinyl Chloride

Concen: 48.845 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064872.D

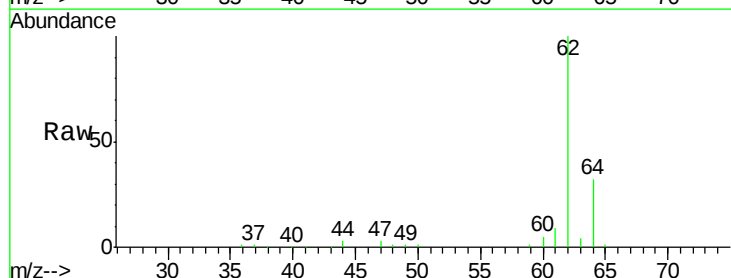
Acq: 30 Nov 2020 15:10

Tgt Ion: 62 Resp: 119825

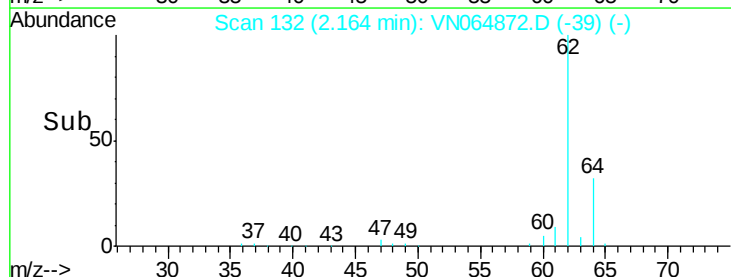
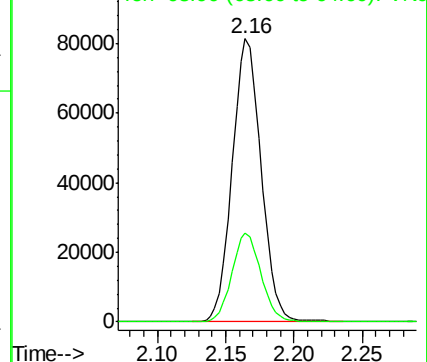
Ion Ratio Lower Upper

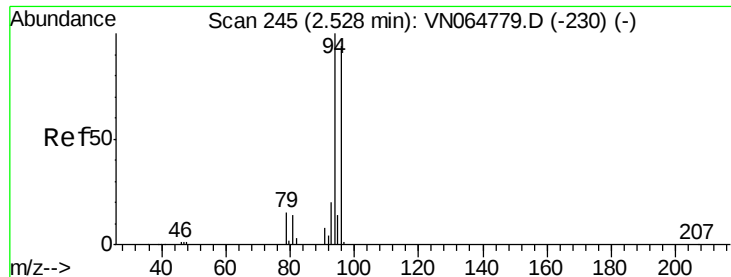
62 100

64 31.6 26.5 39.7



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





#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

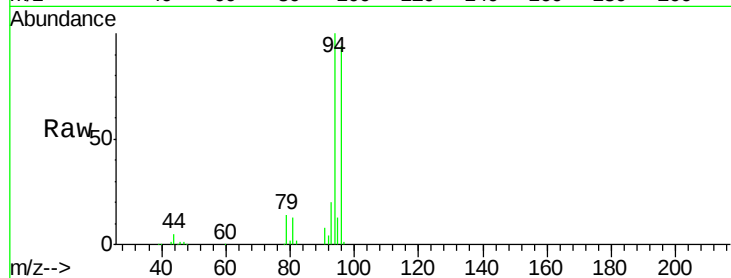
ClientSampled :

Tot Ion: 94 Resp: 75956

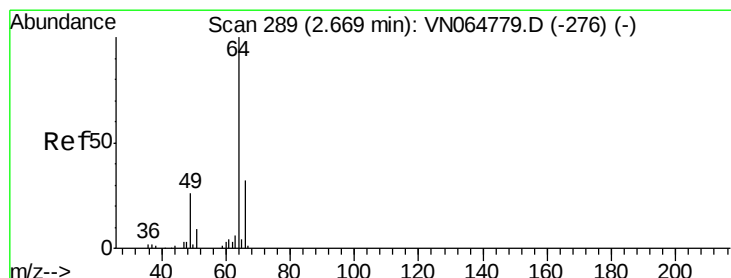
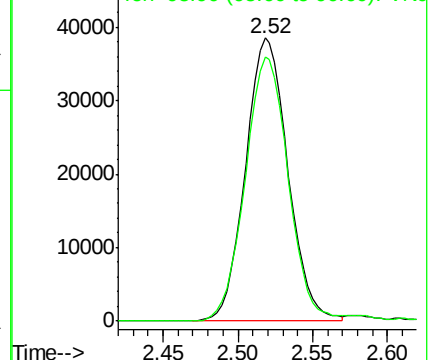
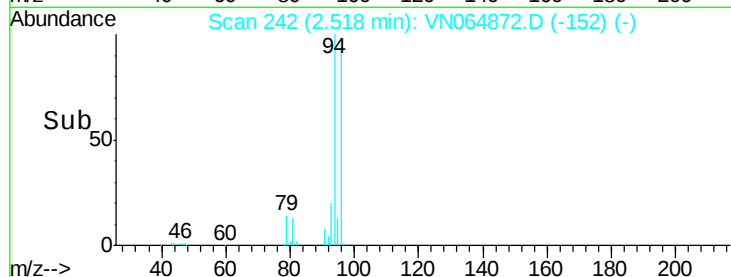
Ion Ratio Lower Upper

94 100

96 93.5 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN064872.D (-152) (-)



#6

Chloroethane

Concen: 49.590 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN064872.D

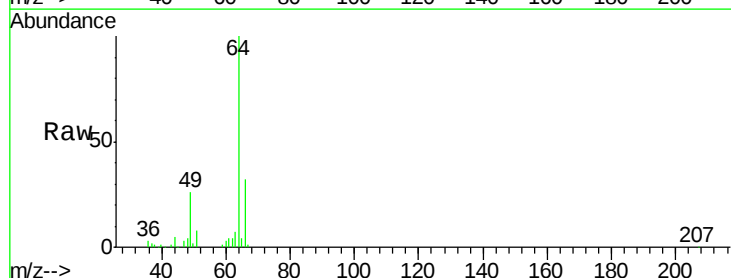
Acq: 30 Nov 2020 15:10

Tgt Ion: 64 Resp: 75243

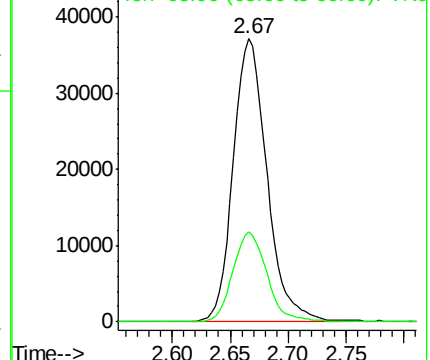
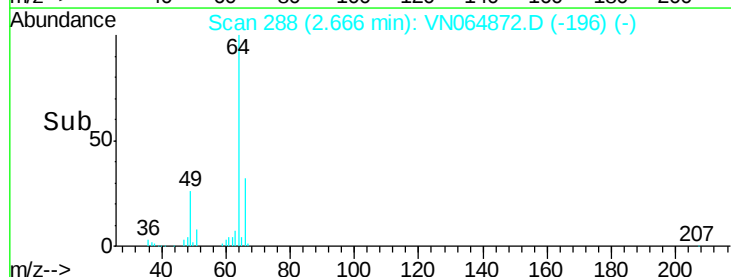
Ion Ratio Lower Upper

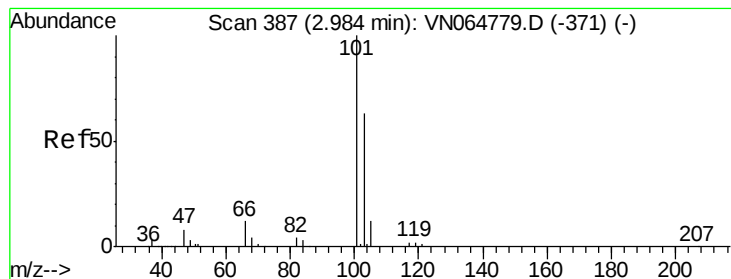
64 100

66 31.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN064872.D (-196) (-)



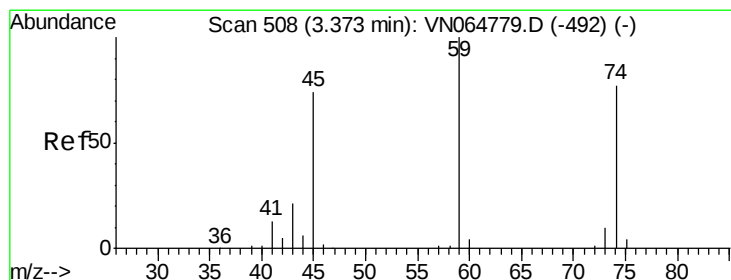
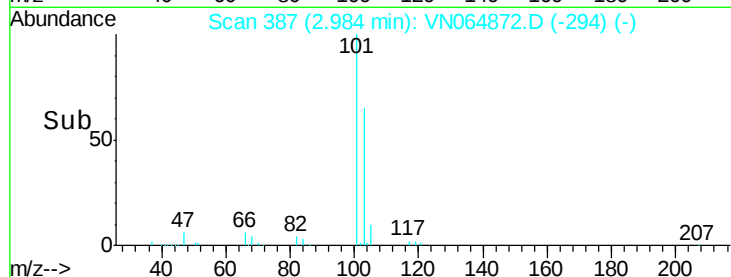
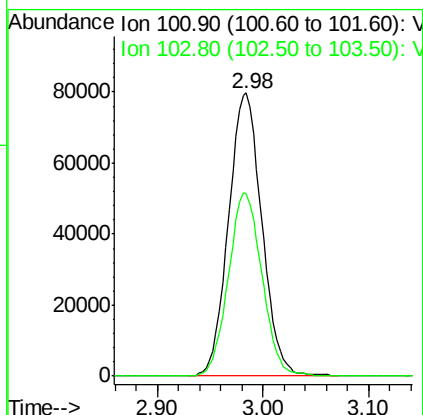
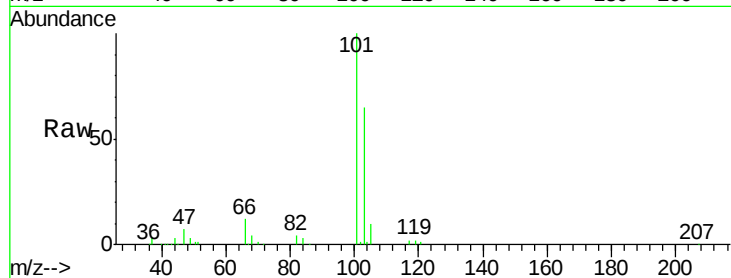


#7

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

Instrument :
 MSVOA_N
 ClientSampleId :

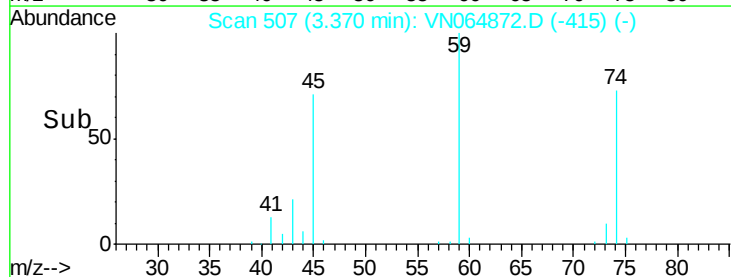
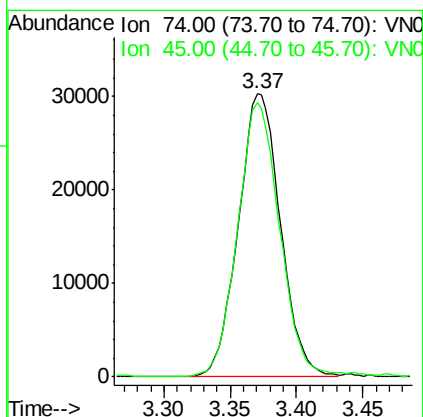
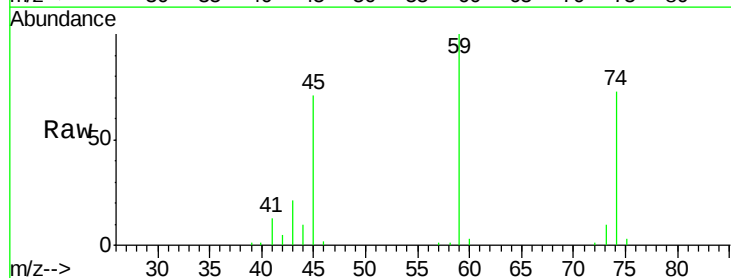
Tot Ion:101 Resp: 174549
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.5 75.7

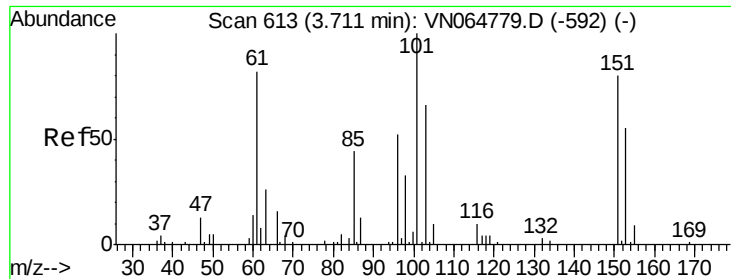


#8

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 :

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ClientSampleId :

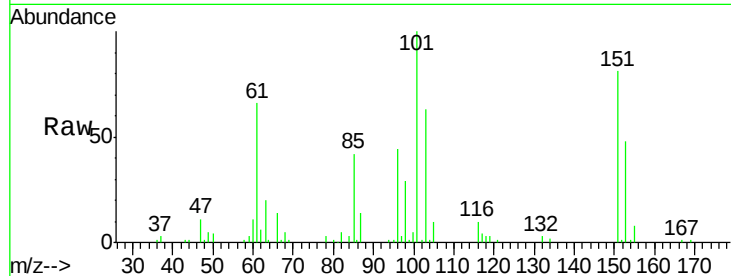
Tot Ion:101 Resp: 111049

Ion Ratio Lower Upper

101 100

85 42.0 34.4 51.6

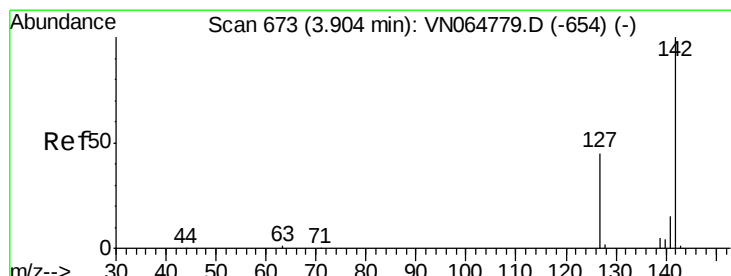
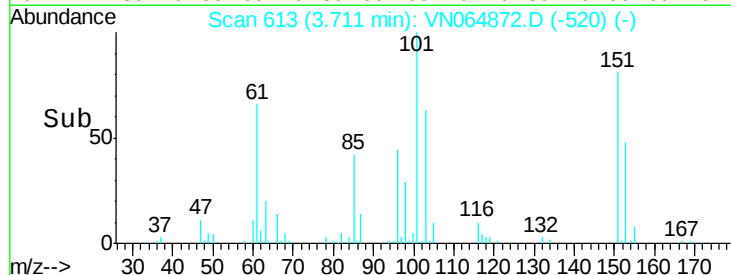
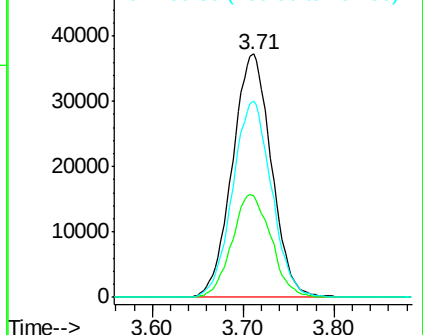
151 80.6 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

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

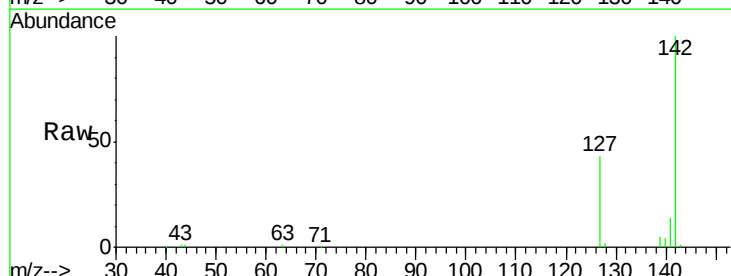
Tgt Ion:142 Resp: 130528

Ion Ratio Lower Upper

142 100

127 42.6 35.0 52.6

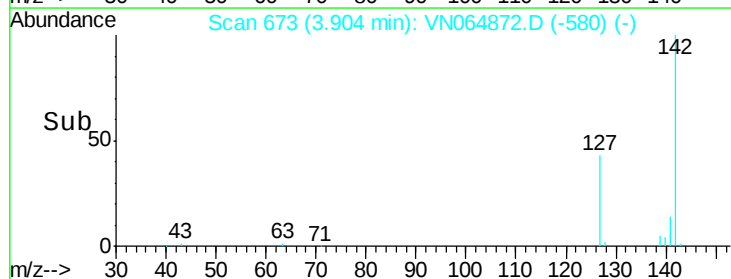
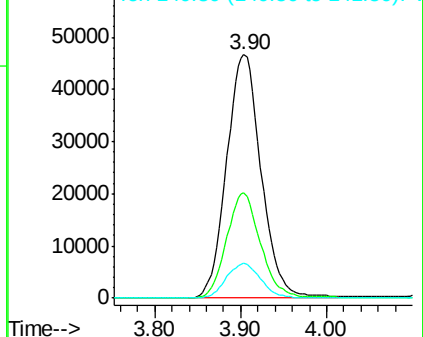
141 14.0 11.8 17.6

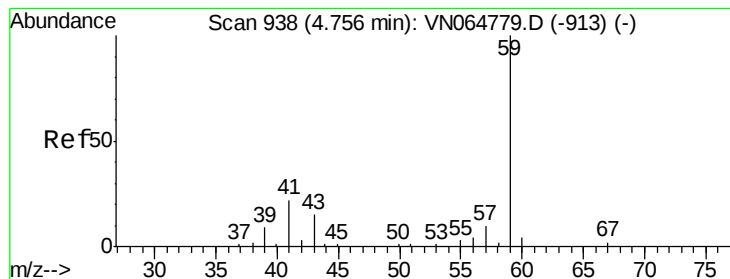


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



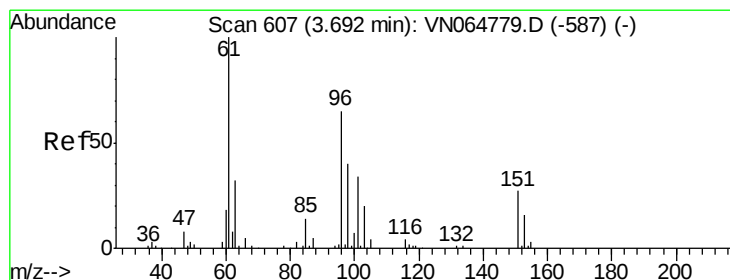
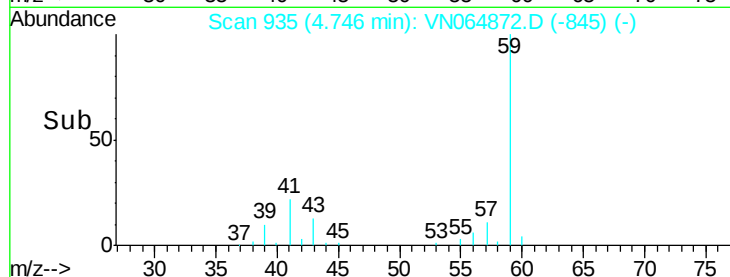
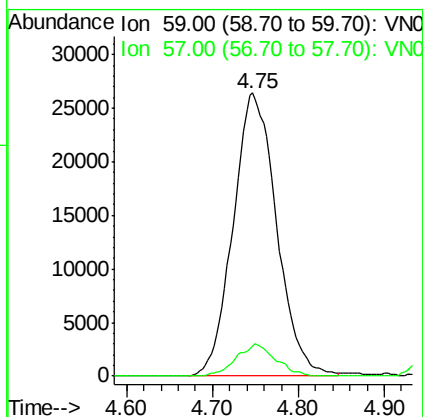
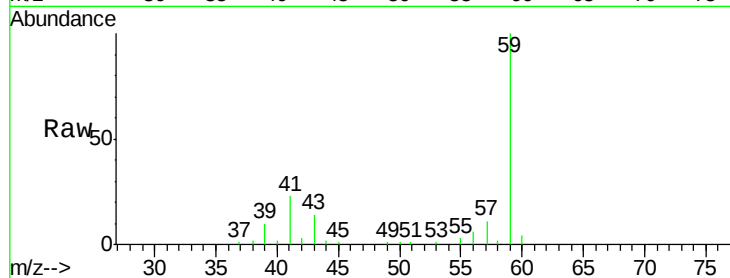


#11

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 :

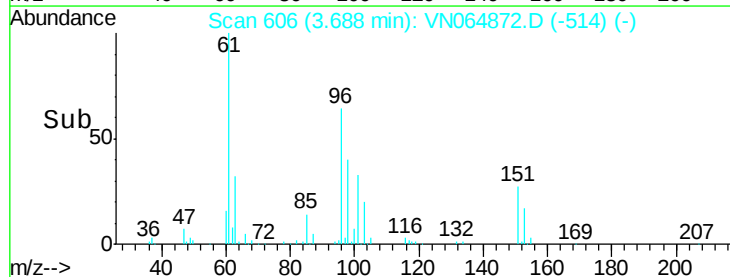
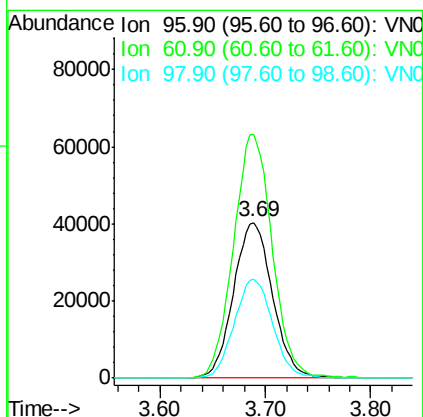
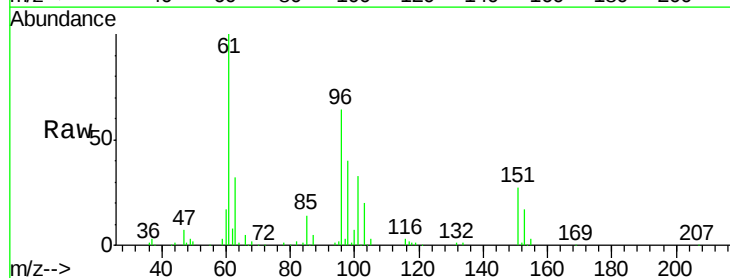
Tot Ion: 59 Resp: 92806
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9

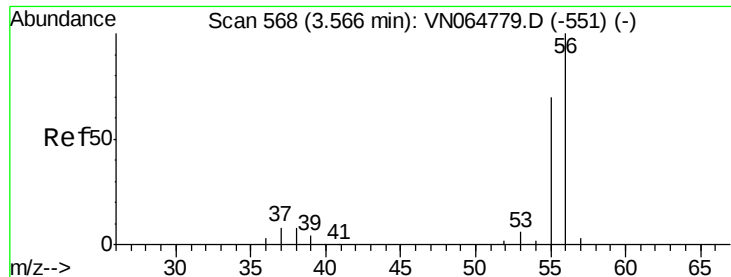


#12

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

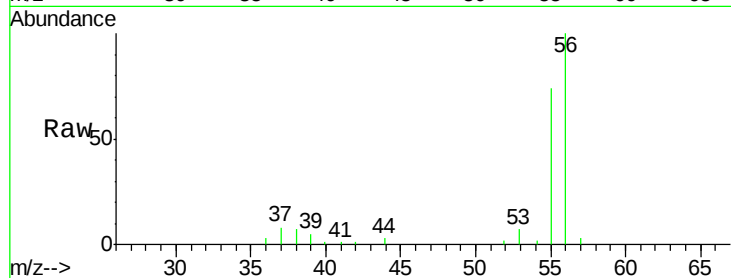
ClientSampled :

Tot Ion: 56 Resp: 68800

Ion Ratio Lower Upper

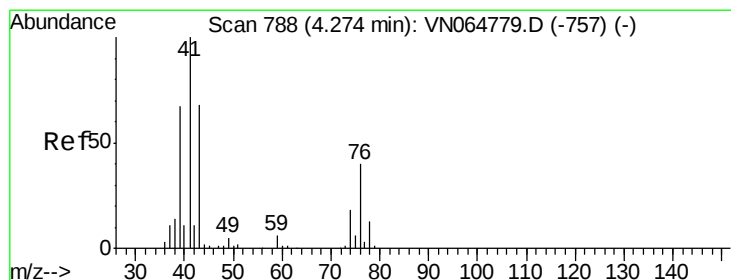
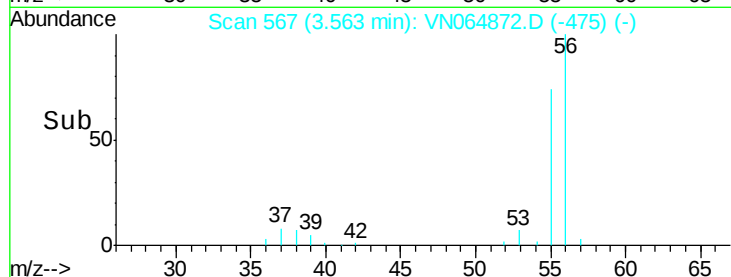
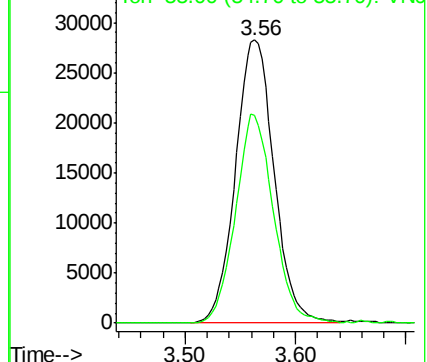
56 100

55 72.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#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

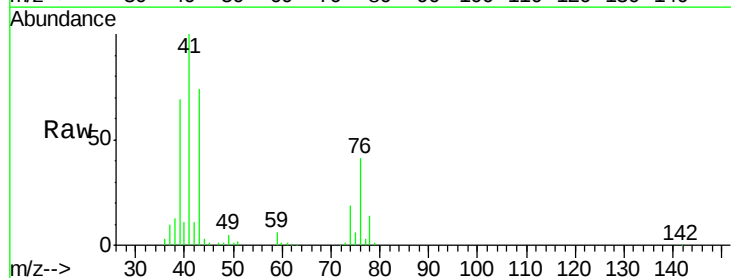
Tgt Ion: 41 Resp: 170510

Ion Ratio Lower Upper

41 100

39 62.9 50.9 76.3

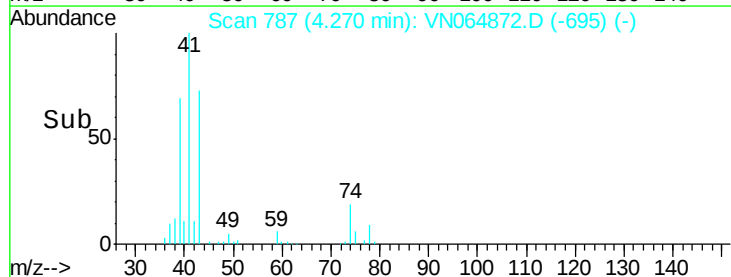
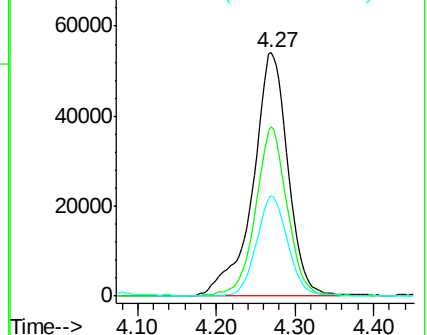
76 36.7 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

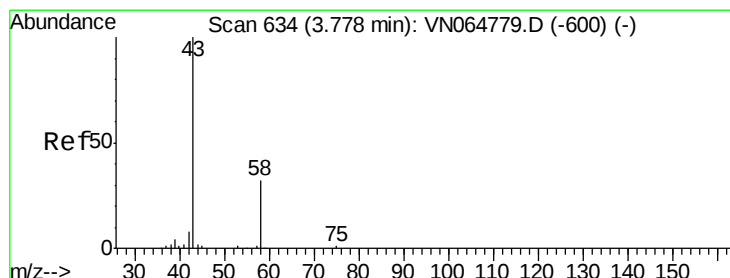
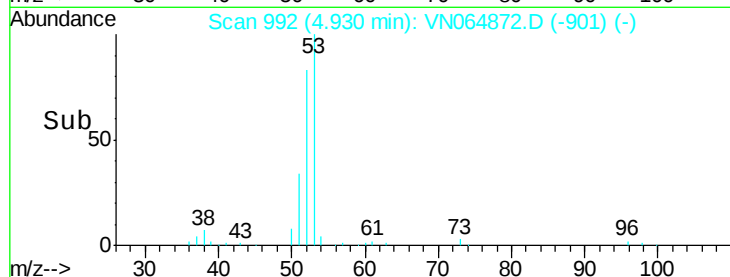
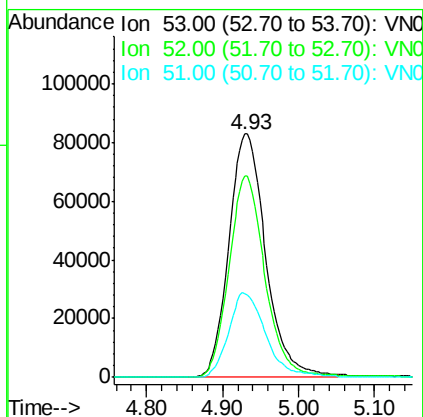
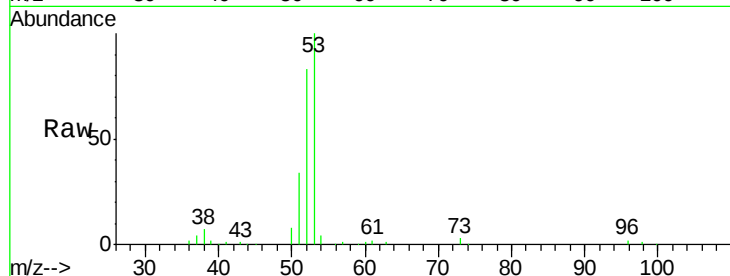




#15
 Acrylonitrile
 Concen: 267.620 ug/l
 RT: 4.93 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

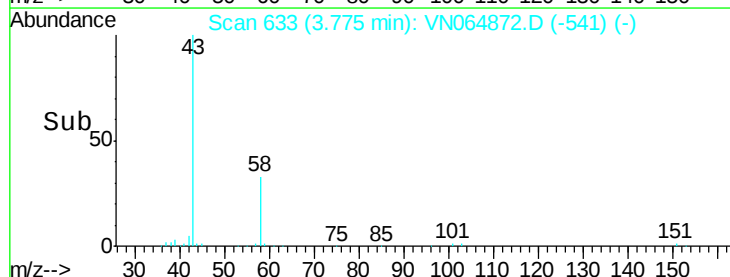
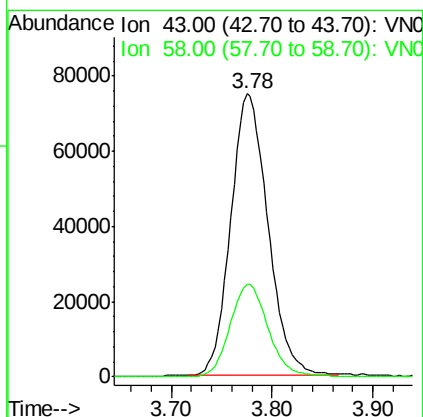
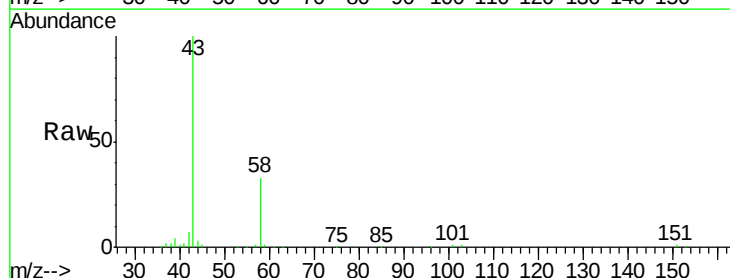
Instrument :
 MSVOA_N
 ClientSampled :

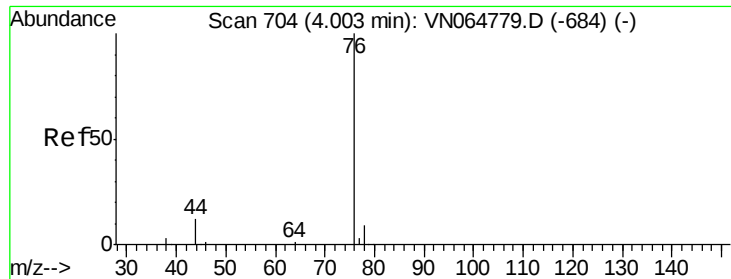
Tot Ion: 53 Resp: 280041
 Ion Ratio Lower Upper
 53 100
 52 80.3 65.5 98.3
 51 35.1 28.6 43.0



#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

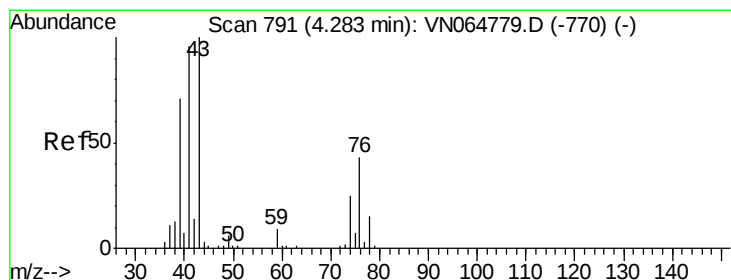
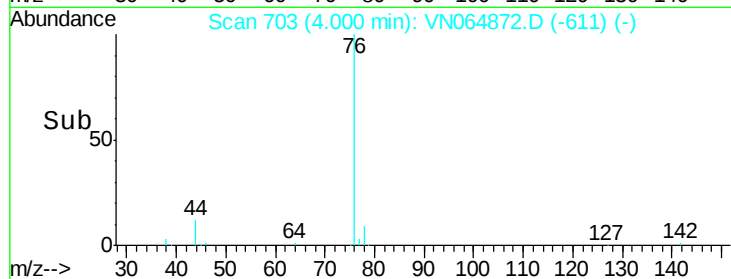
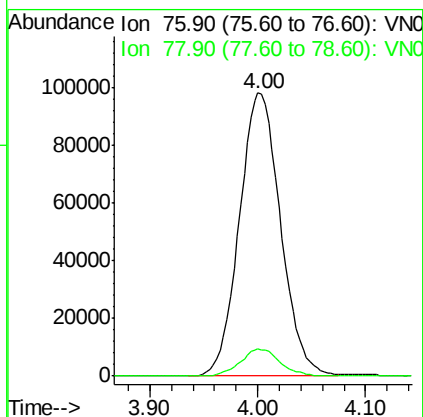
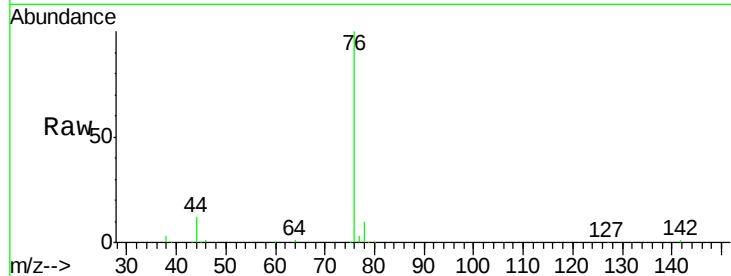




#17
Carbon Disulfide
Concen: 49.765 ug/l
RT: 4.00 min Scan# 703
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

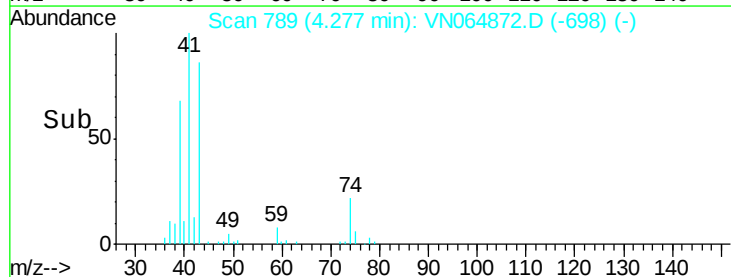
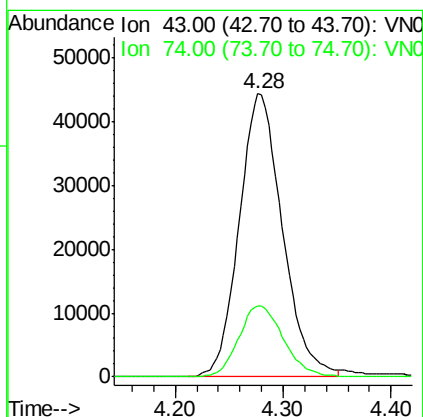
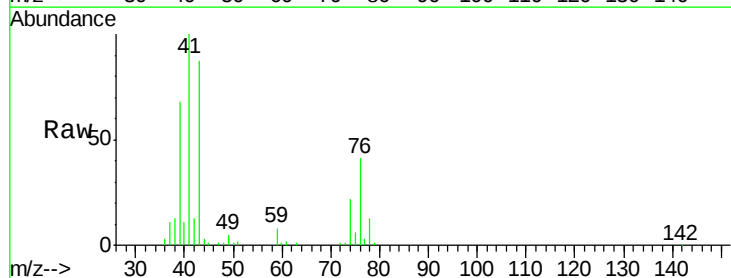
Instrument :
MSVOA_N
ClientSampled :

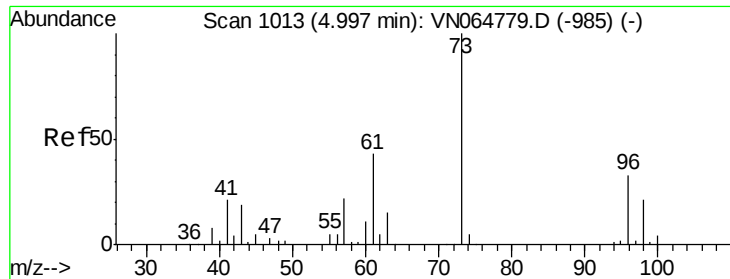
Tot Ion: 76 Resp: 260316
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#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

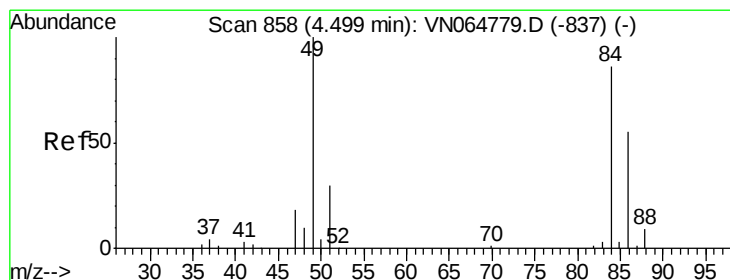
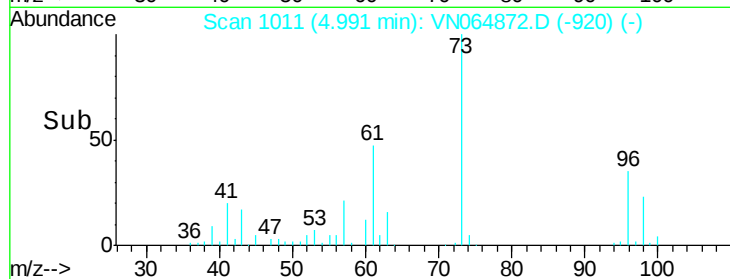
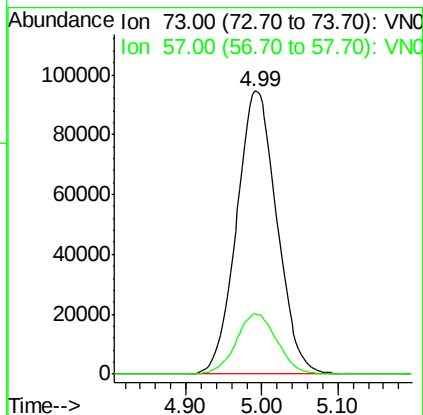
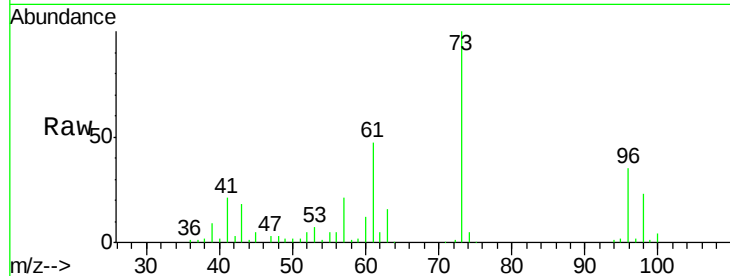




#19
Methvl tert-butvl Ether
Concen: 53.484 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

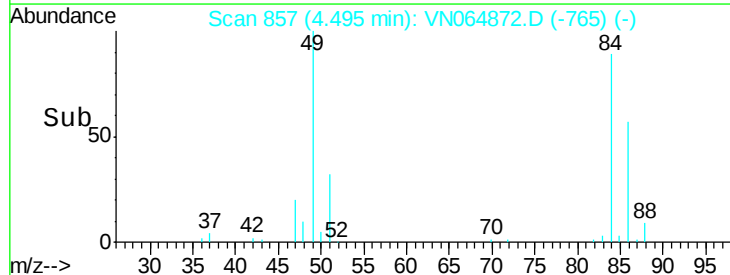
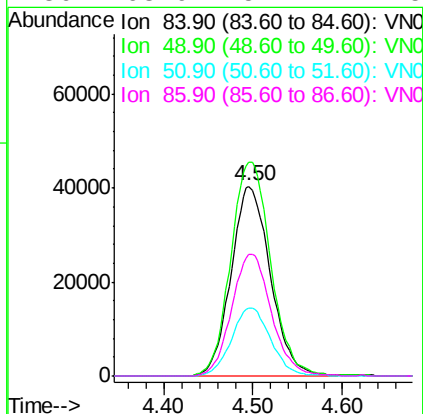
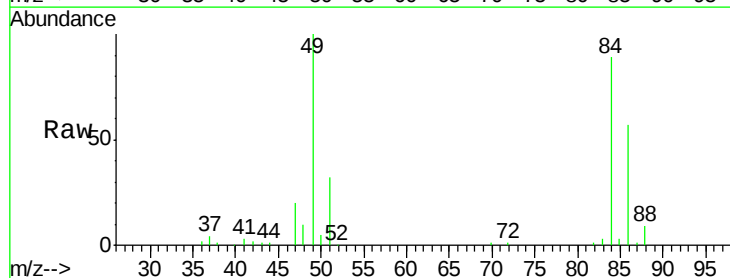
Instrument :
MSVOA_N
ClientSampled :

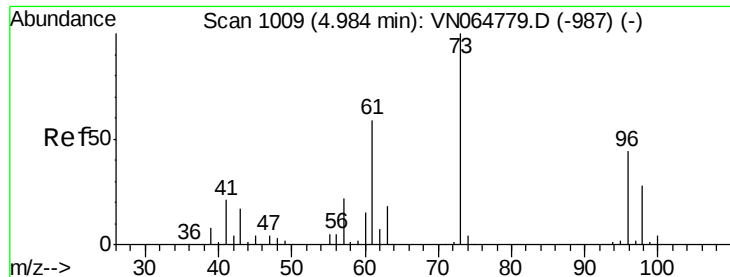
Tot Ion: 73 Resp: 347518
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0



#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

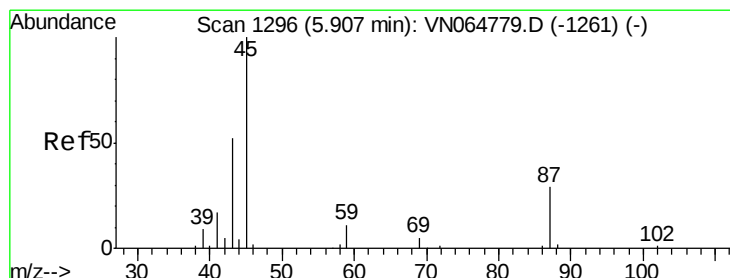
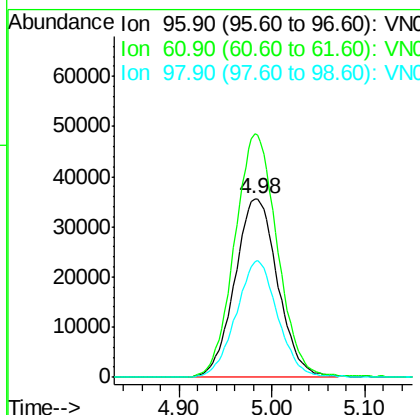
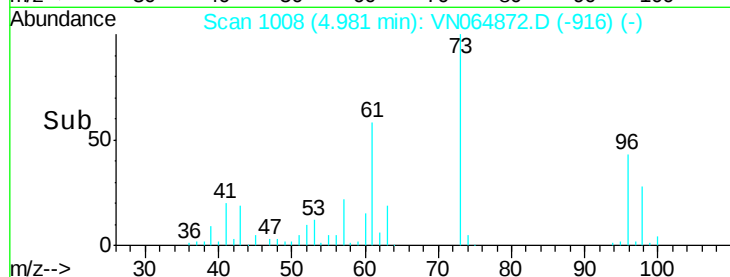
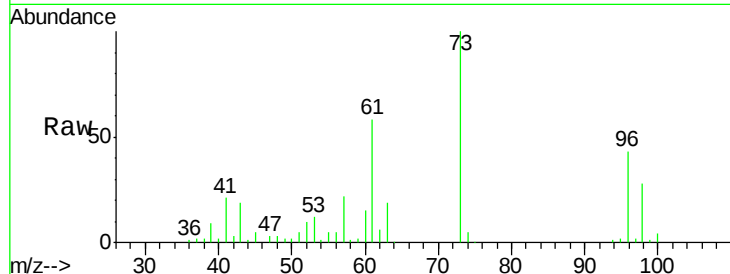




#21
trans-1,2-Dichloroethene
Concen: 50.965 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

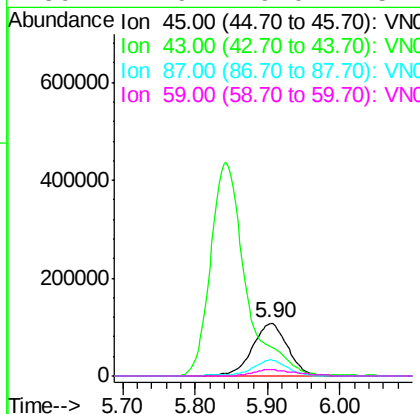
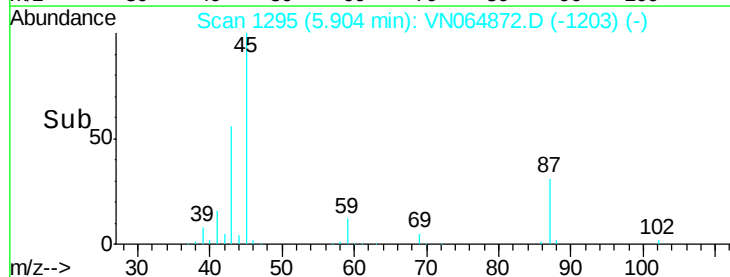
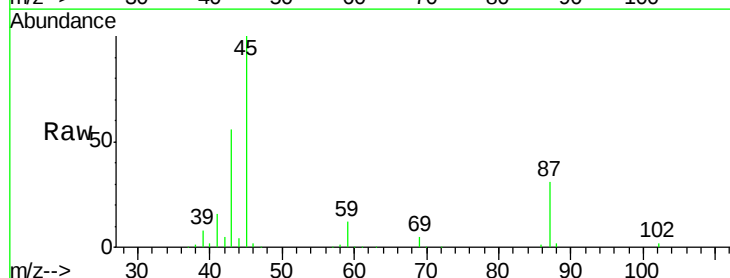
Instrument :
MSVOA_N
ClientSampled :

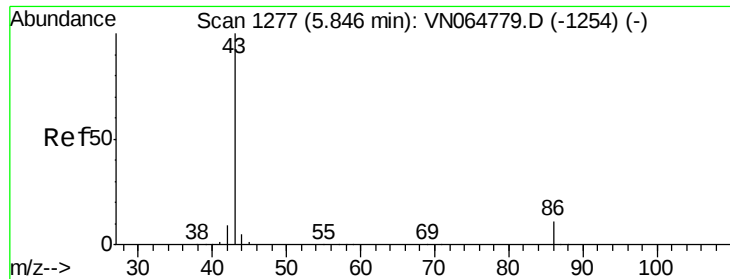
Tot Ion: 96 Resp: 114661
Ion Ratio Lower Upper
96 100
61 136.2 108.4 162.6
98 64.9 51.3 76.9



#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





#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

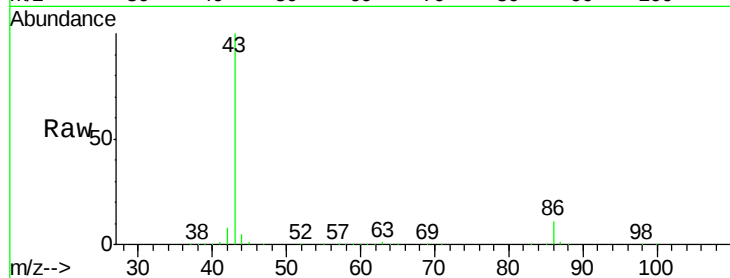
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1467427

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064872.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN064872.D (-1254) (-)

5.84

400000

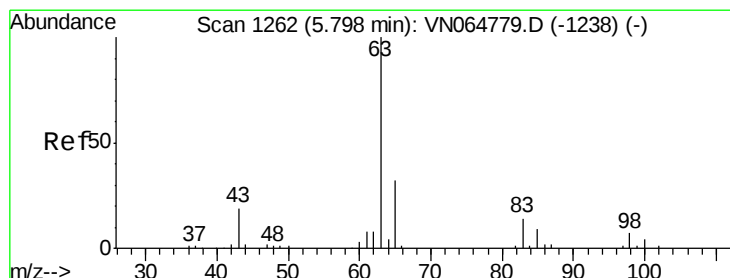
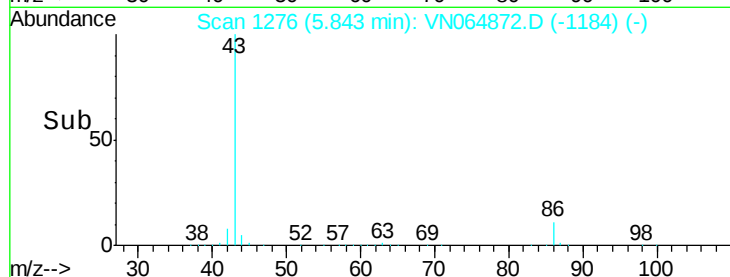
300000

200000

100000

0

Time-->



#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

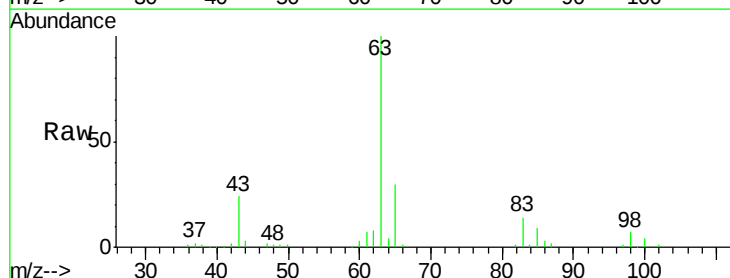
Tgt Ion: 63 Resp: 210211

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.3 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064872.D (-1238) (-)

Ion 97.90 (97.60 to 98.60): VN064872.D (-1238) (-)

Ion 99.90 (99.60 to 100.60): VN064872.D (-1238) (-)

5.79

80000

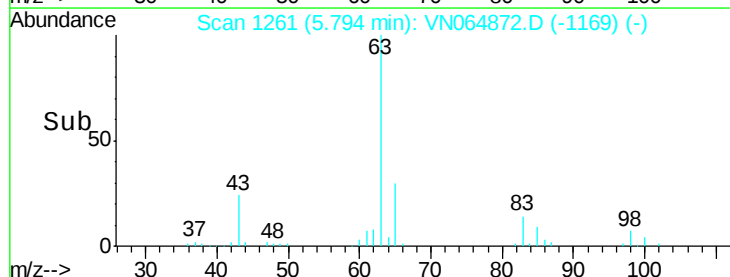
60000

40000

20000

0

Time-->

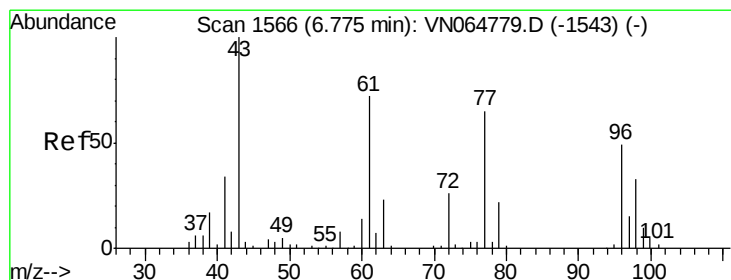
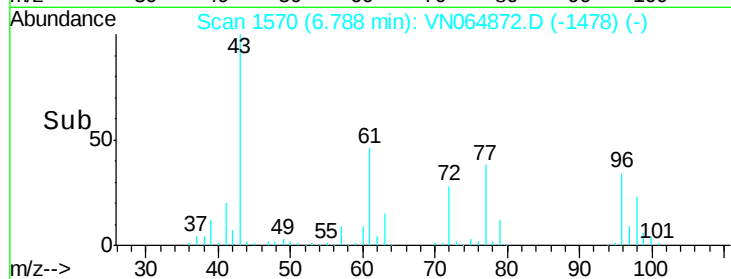
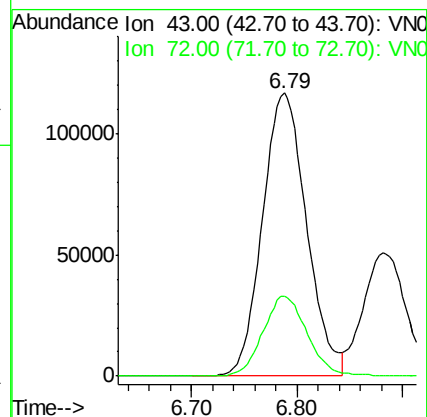
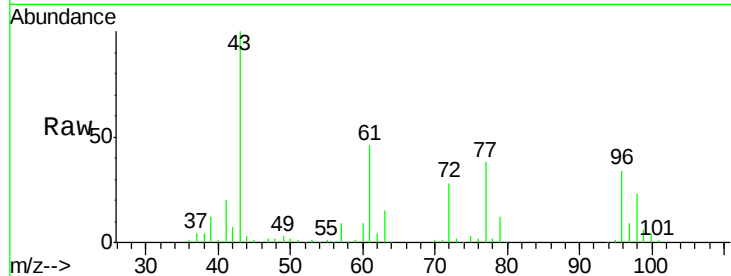




#25
2-Butanone
Concen: 261.937 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

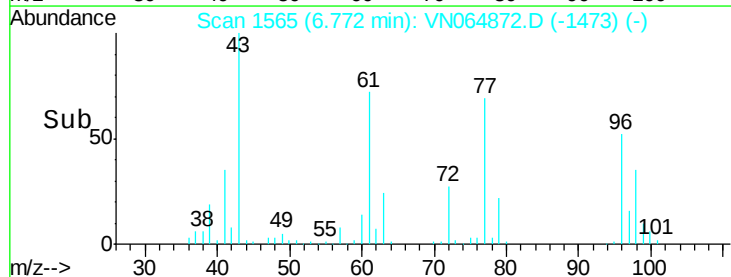
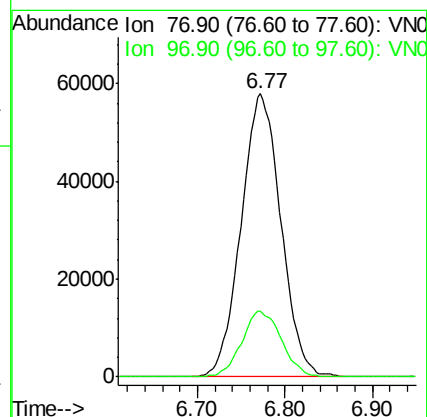
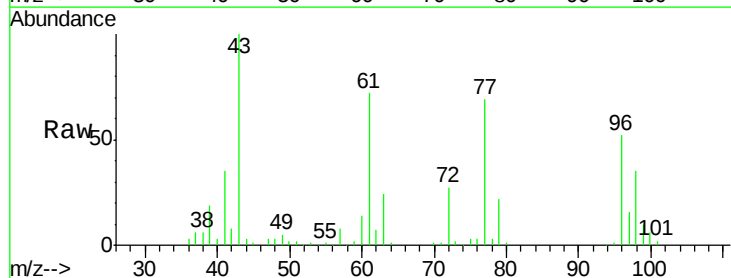
Instrument :
MSVOA_N
ClientSampled :

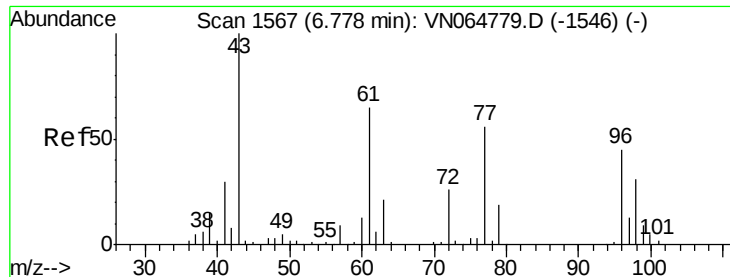
Tot Ion: 43 Resp: 339026
Ion Ratio Lower Upper
43 100
72 28.3 21.0 31.6



#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





#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

ClientSampled :

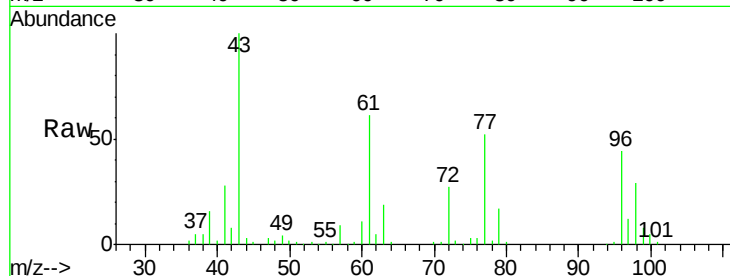
Tot Ion: 96 Resp: 132401

Ion Ratio Lower Upper

96 100

61 140.4 0.0 285.8

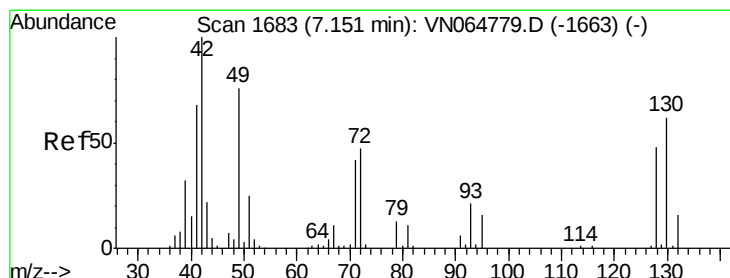
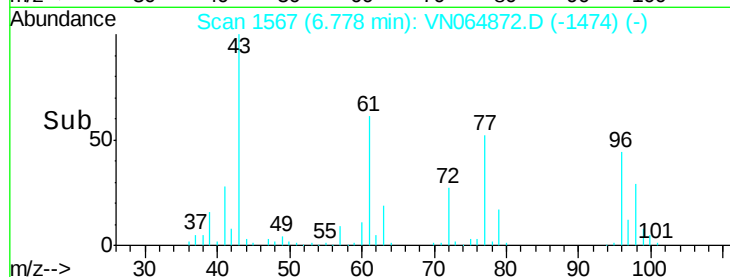
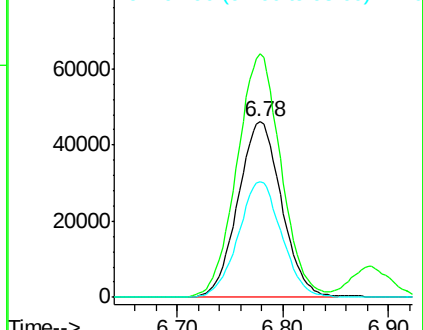
98 65.7 0.0 130.6



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

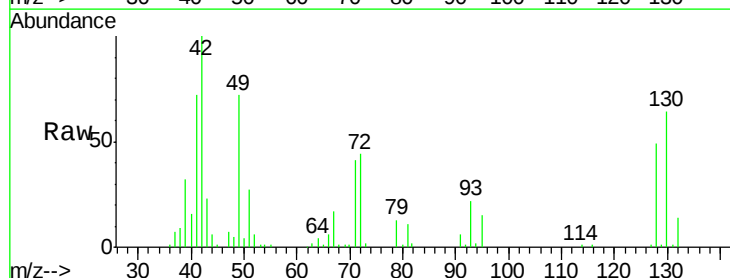
Tgt Ion: 49 Resp: 88570

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

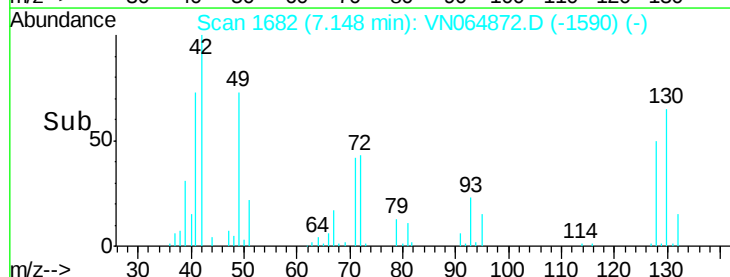
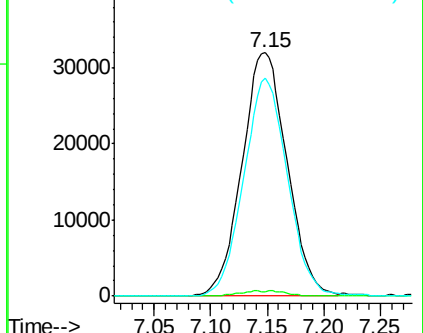
130 86.8 66.2 99.2



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) (-)

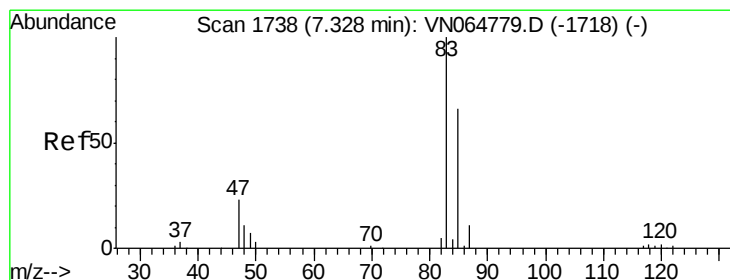
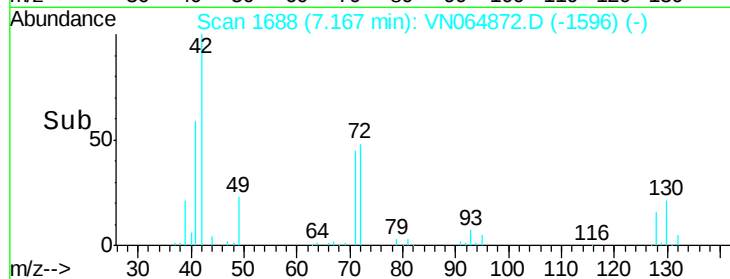
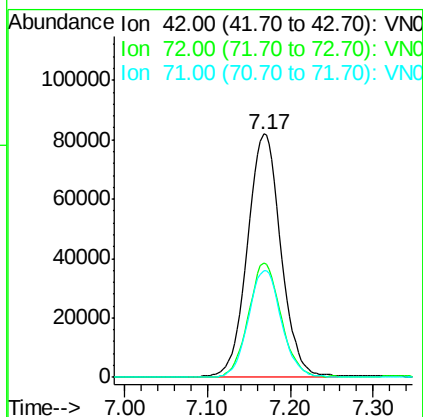
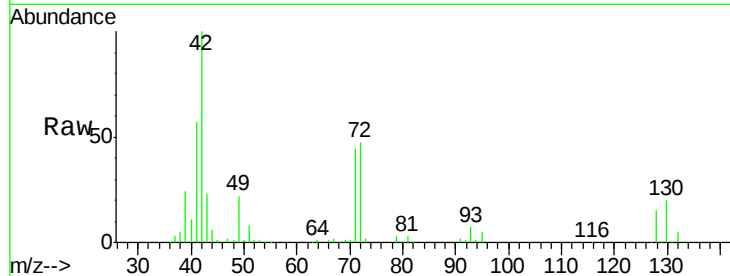




#29
Tetrahydrofuran
Concen: 257.761 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

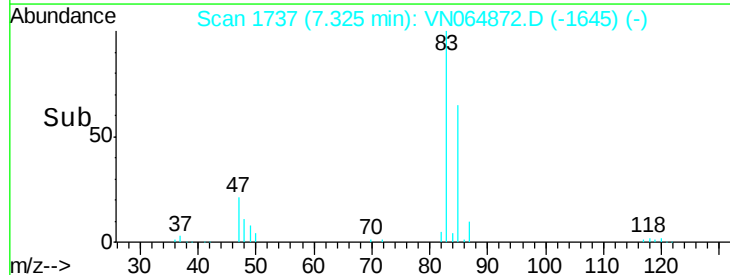
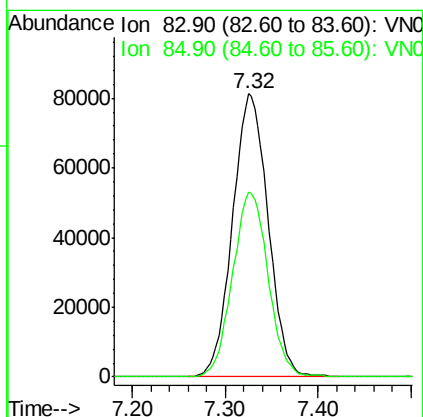
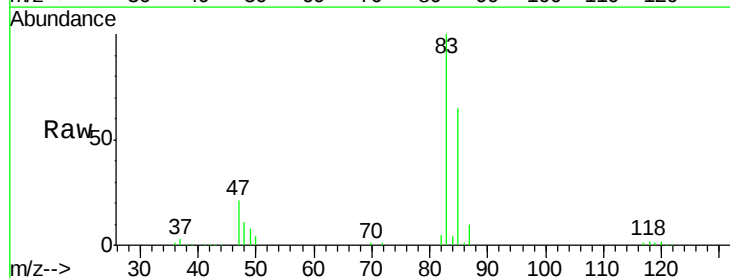
Instrument :
MSVOA_N
ClientSampled :

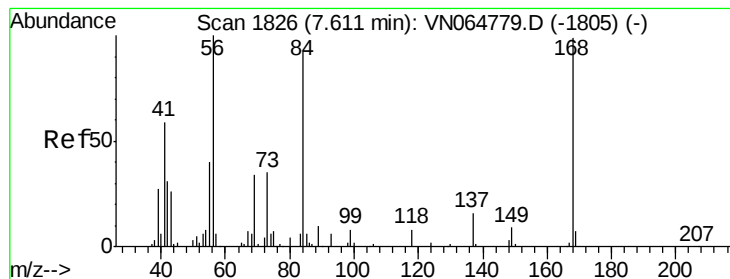
Tot Ion: 42 Resp: 230296
Ion Ratio Lower Upper
42 100
72 45.6 36.6 54.8
71 43.6 33.6 50.4



#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





#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

ClientSampled :

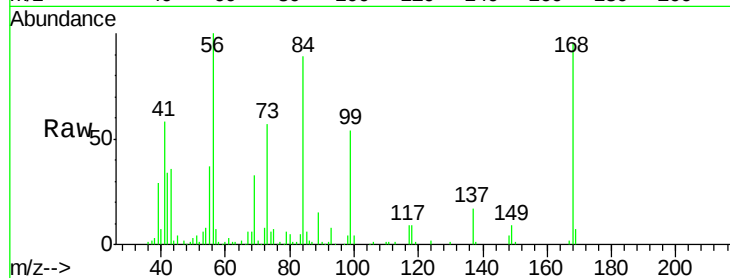
Tot Ion: 56 Resp: 174038

Ion Ratio Lower Upper

56 100

69 33.0 27.5 41.3

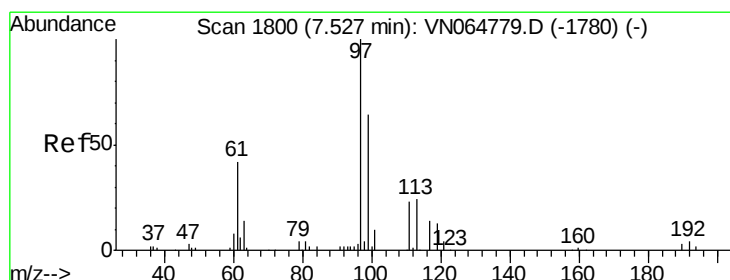
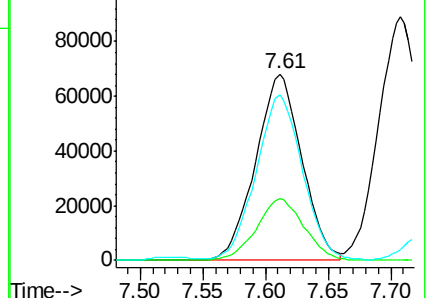
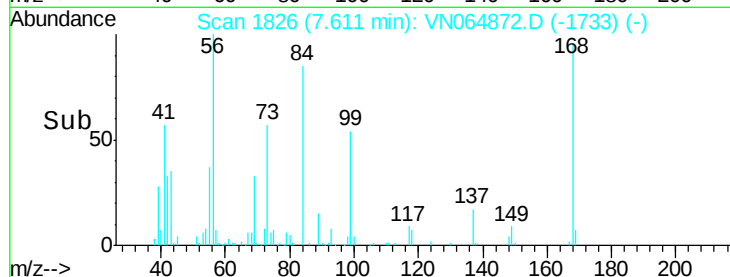
84 87.4 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064872.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064872.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064872.D (-1733) (-)



#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

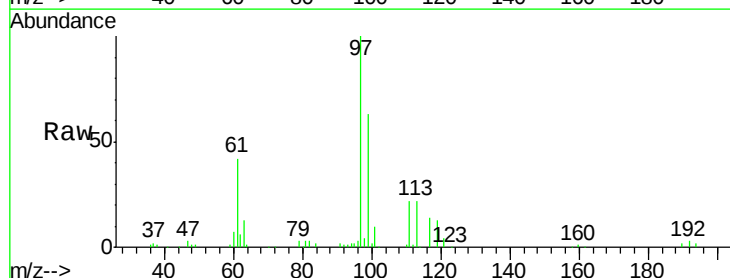
Tgt Ion: 97 Resp: 187586

Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

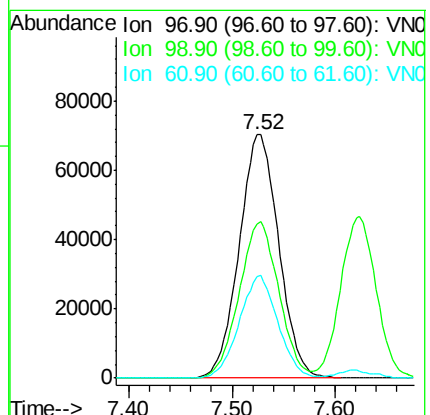
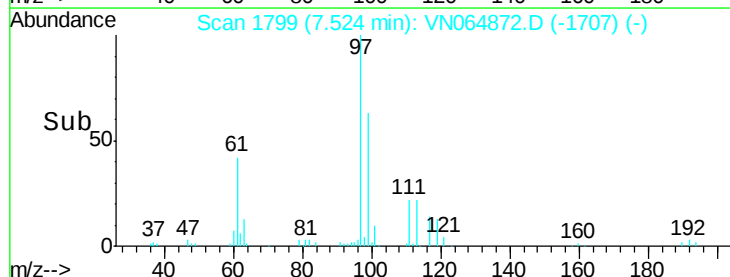
61 41.0 33.9 50.9

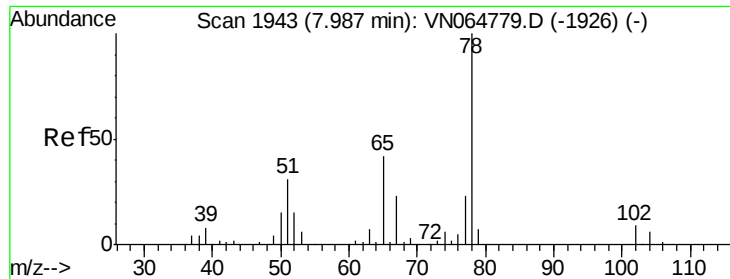


Abundance Ion 96.90 (96.60 to 97.60): VN064872.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064872.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064872.D (-1707) (-)





#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

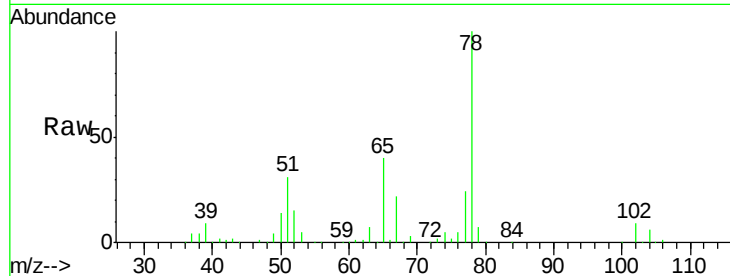
ClientSampleId :

Tot Ion: 65 Resp: 113455

Ion Ratio Lower Upper

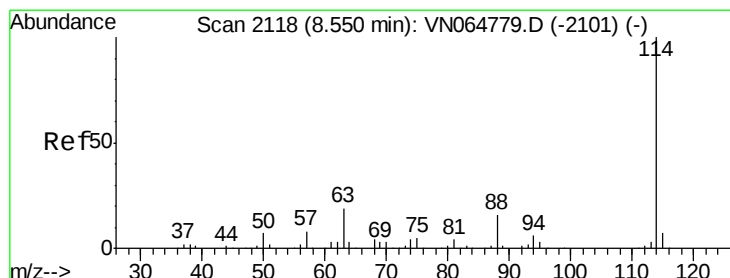
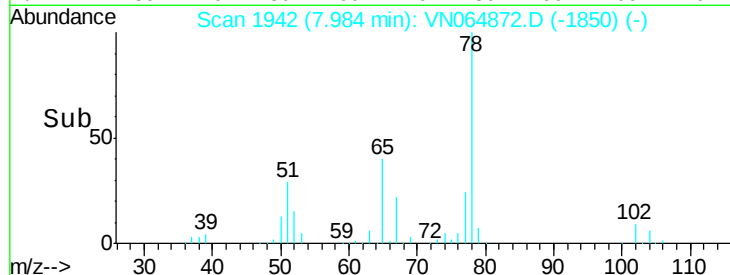
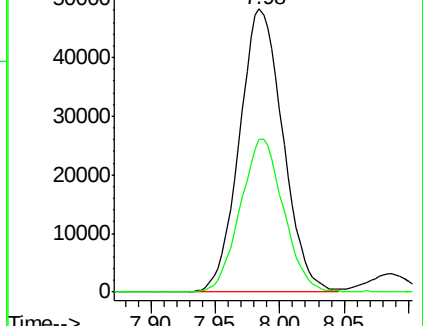
65 100

67 53.7 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064872.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064872.D (-1850) (-)



#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

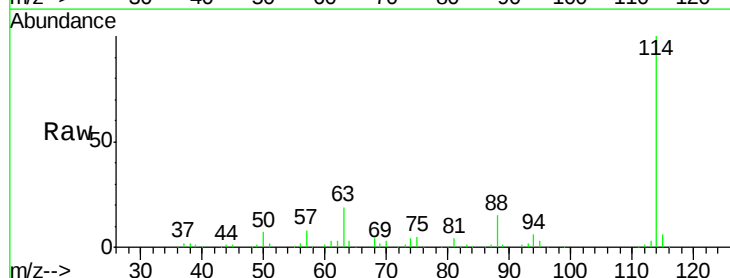
Tgt Ion: 114 Resp: 318090

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

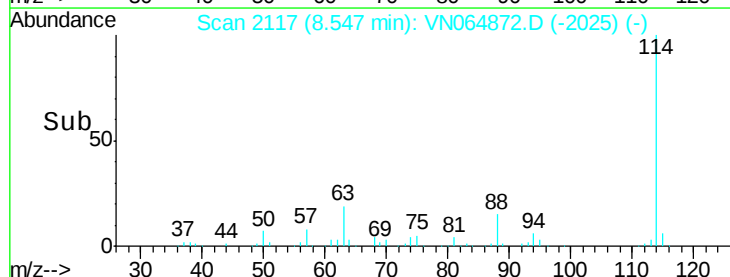
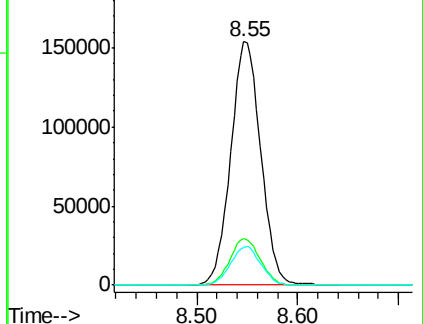
88 15.5 0.0 32.6

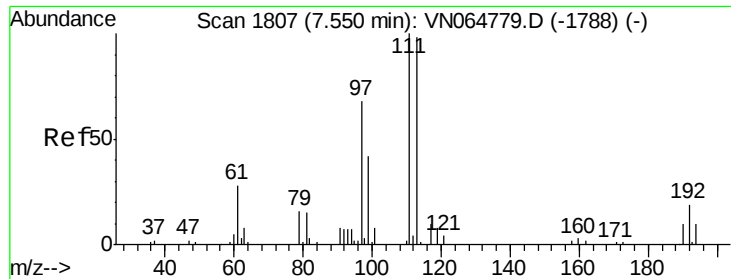


Abundance Ion 113.90 (113.60 to 114.60): VN064872.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064872.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064872.D (-2025) (-)

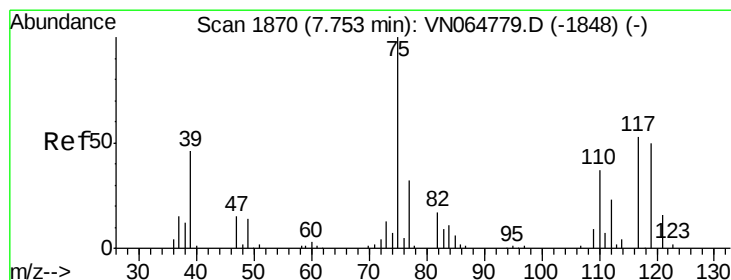
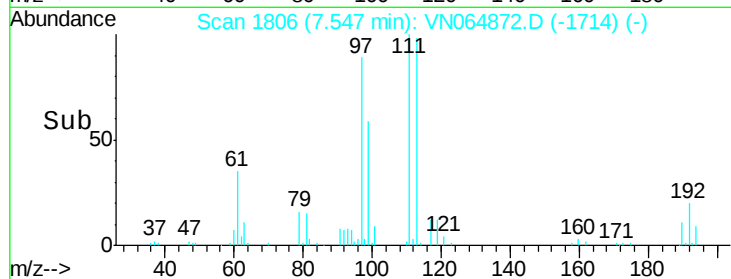
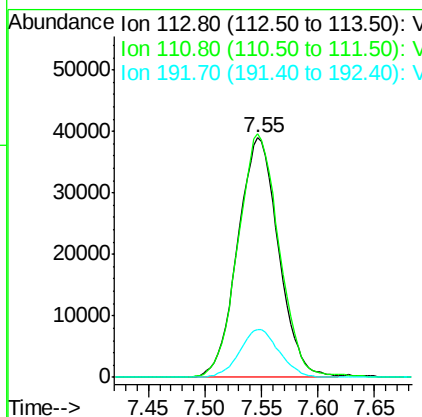
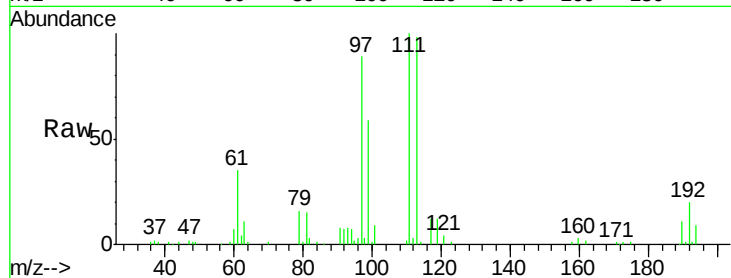




#35
 Dibromofluoromethane
 Concen: 51.438 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

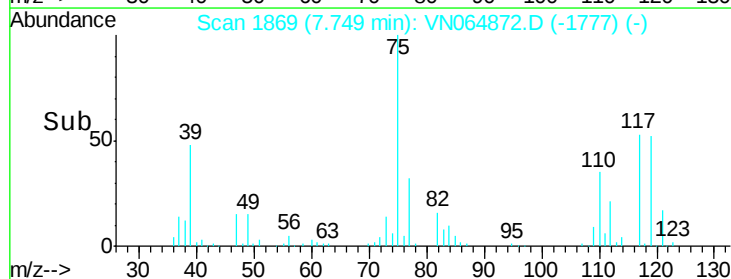
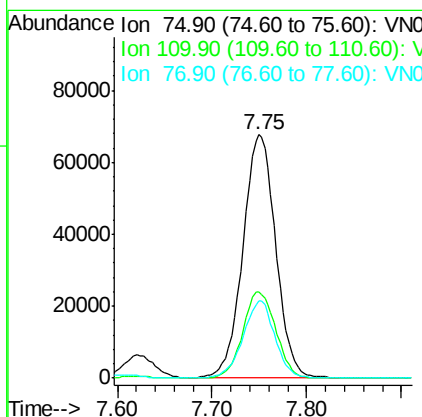
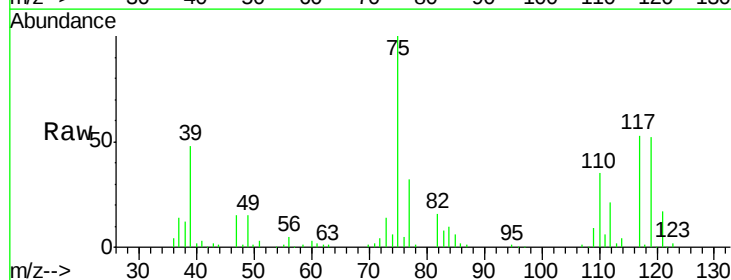
Instrument :
 MSVOA_N
 ClientSampleId :

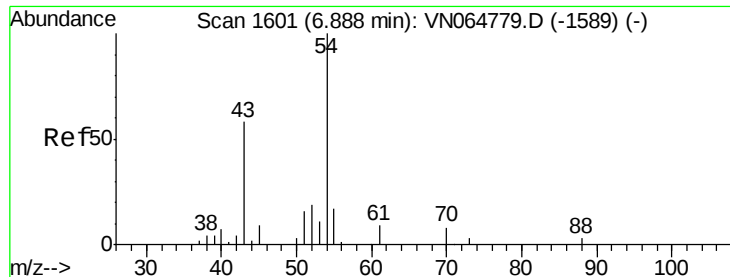
Tot Ion:113 Resp: 97905
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.6 122.4
 192 19.3 16.2 24.2



#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

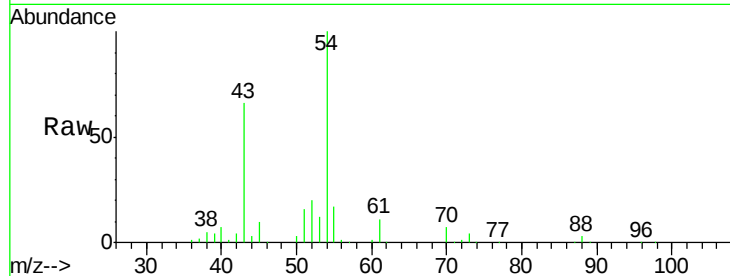




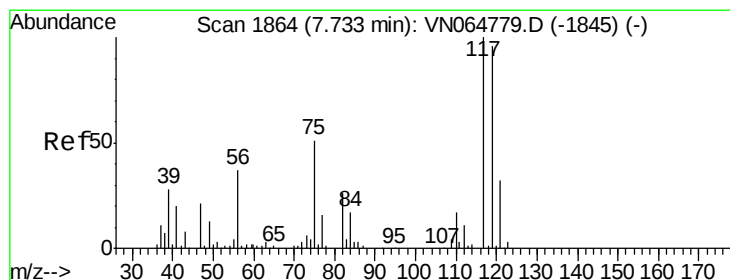
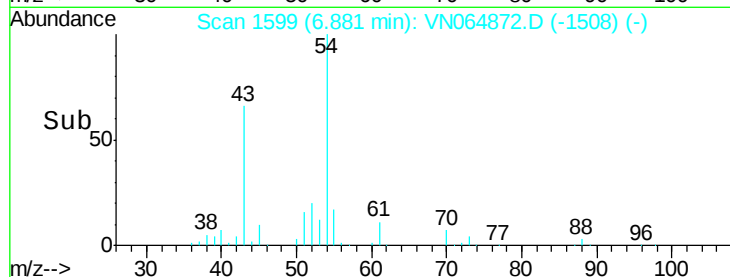
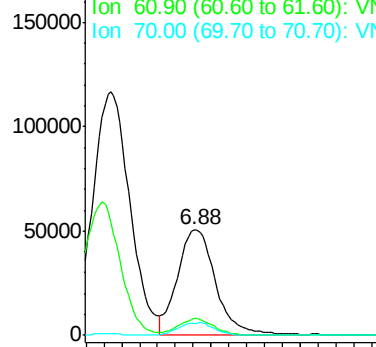
#37
Ethyl Acetate
Concen: 52.288 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampled :

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

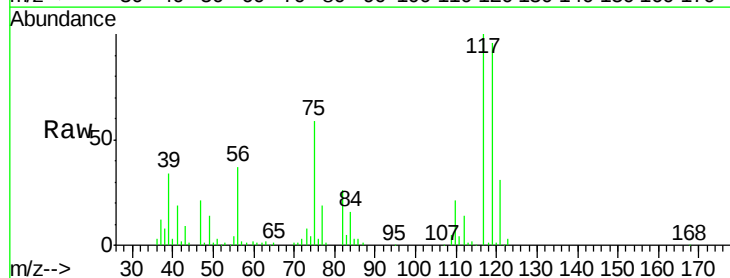


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

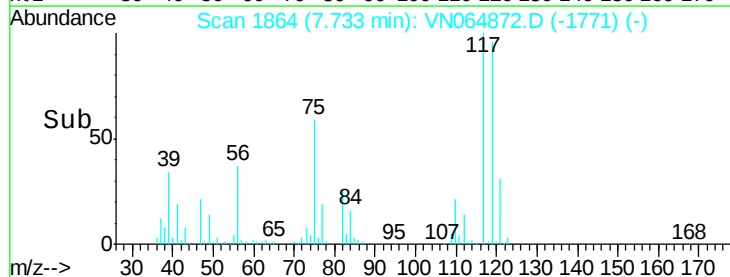
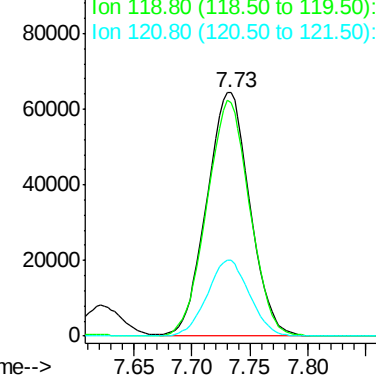


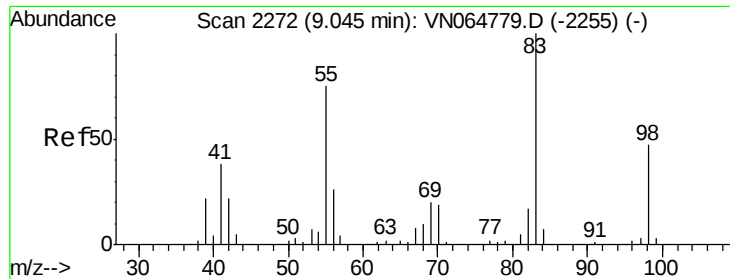
#38
Carbon Tetrachloride
Concen: 54.285 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

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

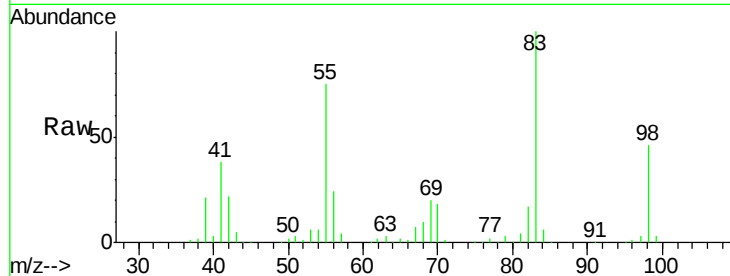




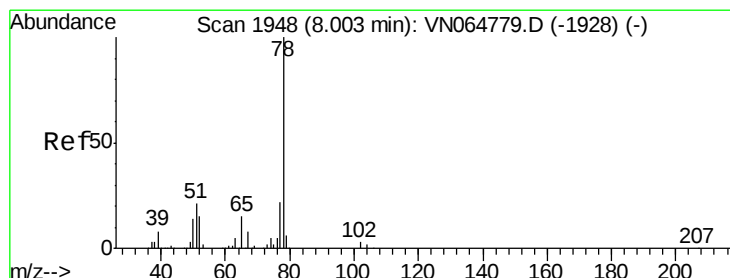
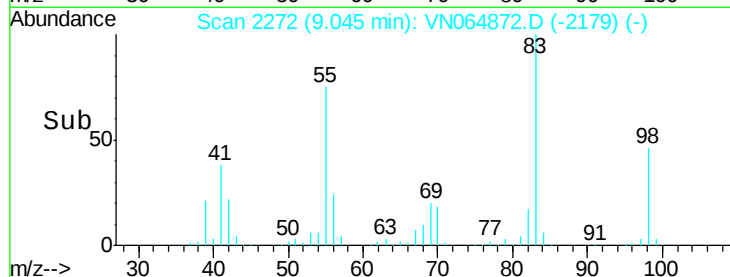
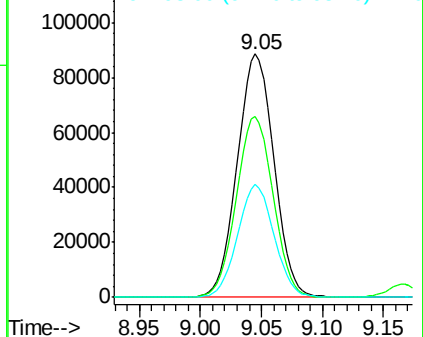
#39
Methvlcvclohexane
Concen: 58.156 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampled :

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

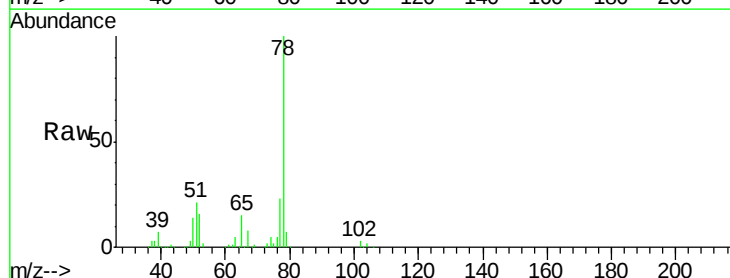


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

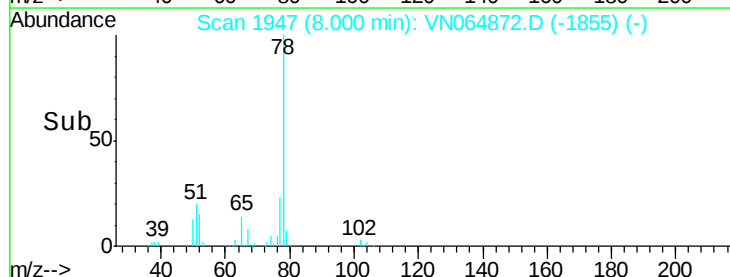
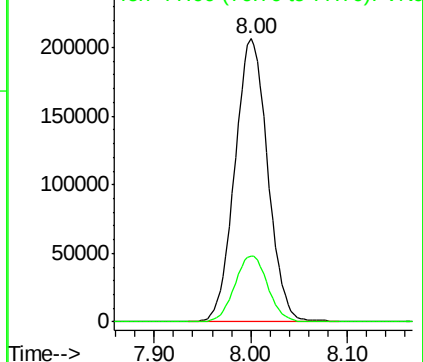


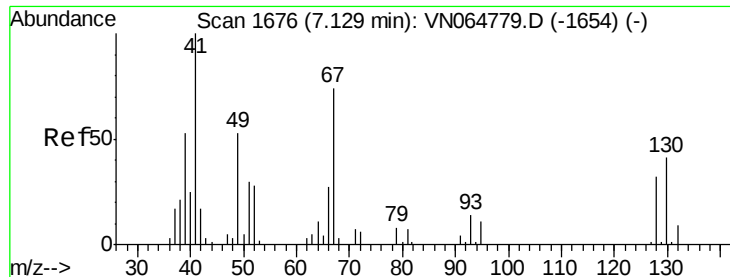
#40
Benzene
Concen: 53.864 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

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



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

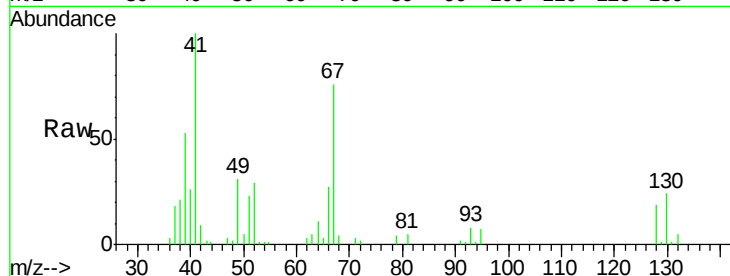




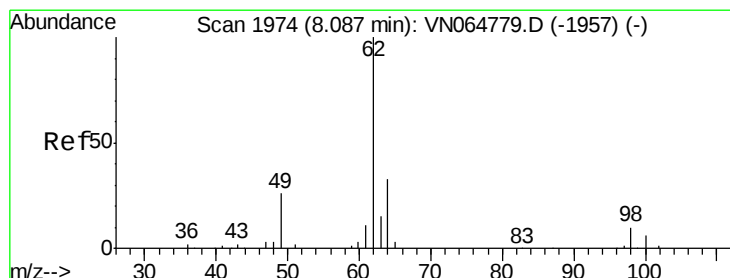
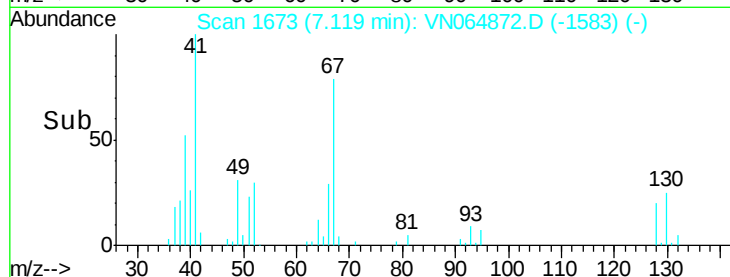
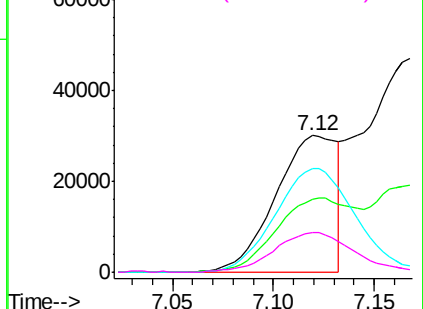
#41
Methacrylonitrile
Concen: 48.261 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampled :

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

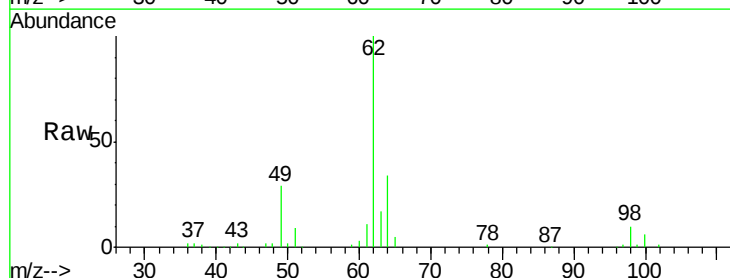


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

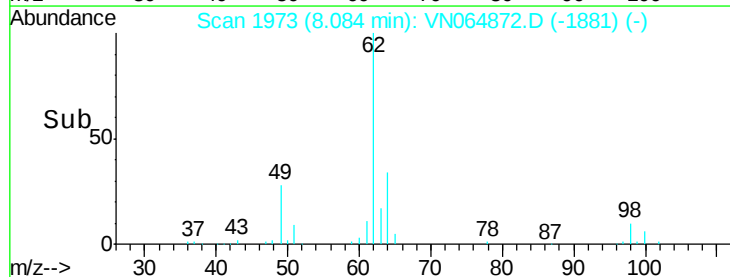
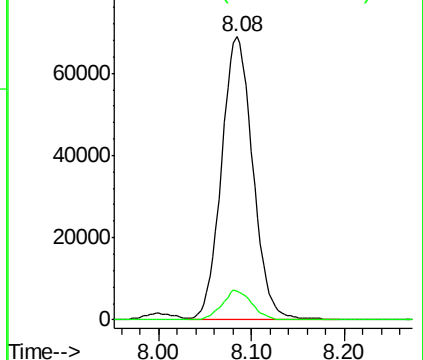


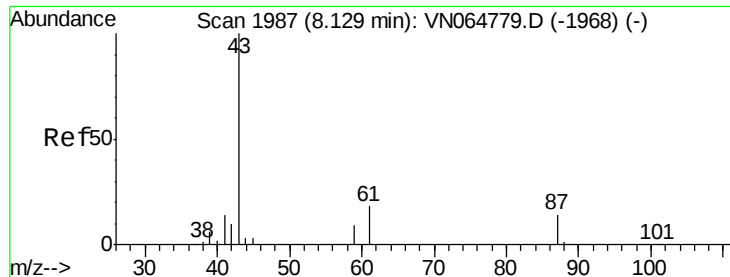
#42
1,2-Dichloroethane
Concen: 53.021 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

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

ClientSampled :

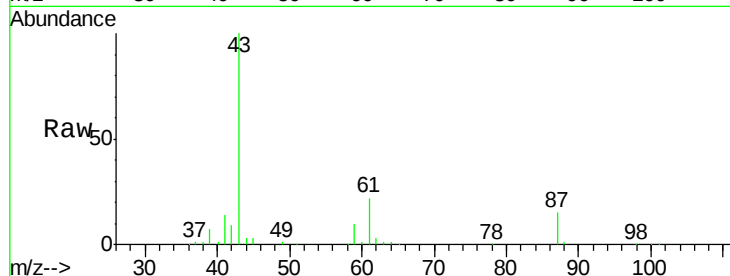
Tot Ion: 43 Resp: 242576

Ion Ratio Lower Upper

43 100

61 28.6 17.2 25.8#

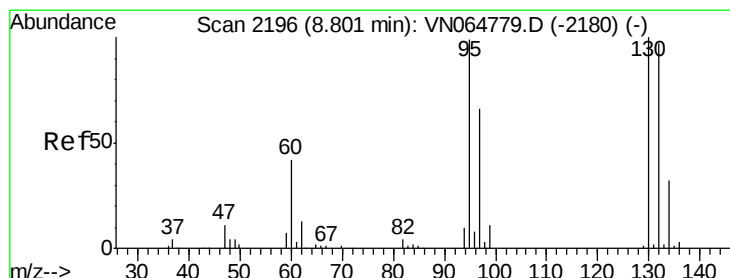
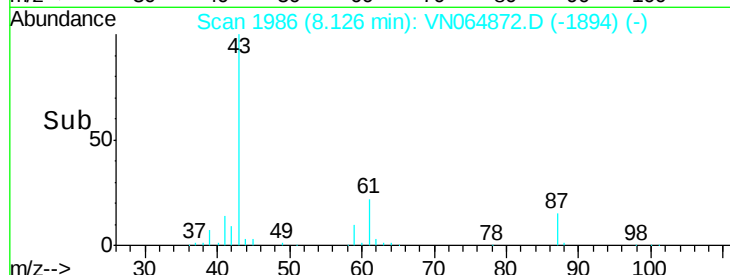
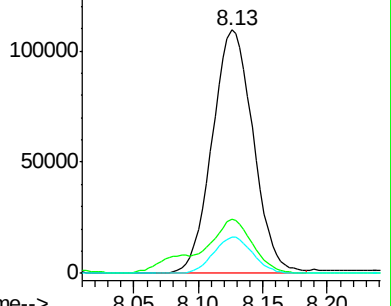
87 14.4 11.4 17.0



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) (-)



#44

Trichloroethene

Concen: 54.582 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064872.D

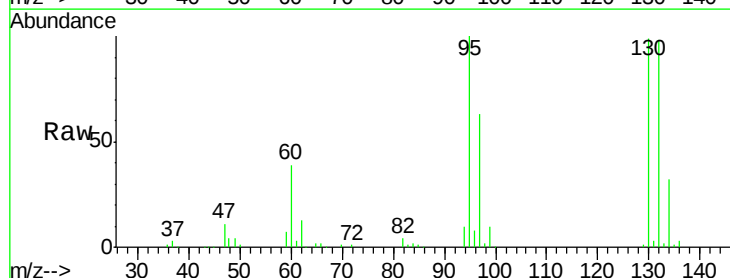
Acq: 30 Nov 2020 15:10

Tgt Ion:130 Resp: 145502

Ion Ratio Lower Upper

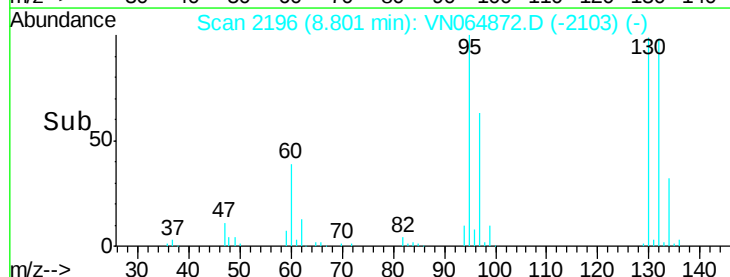
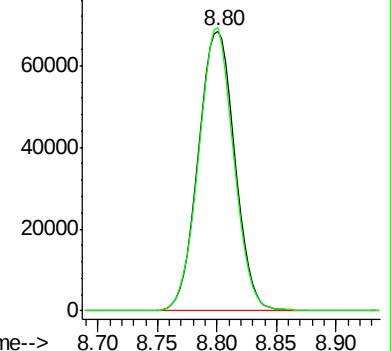
130 100

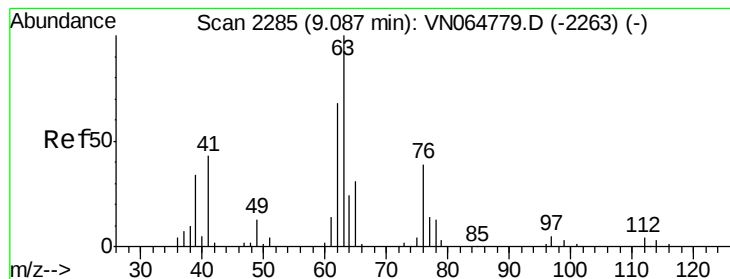
95 101.2 0.0 197.8



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

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





#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

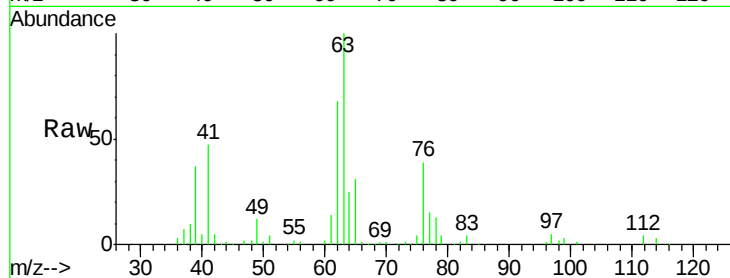
ClientSampleId :

Tot Ion: 63 Resp: 130638

Ion Ratio Lower Upper

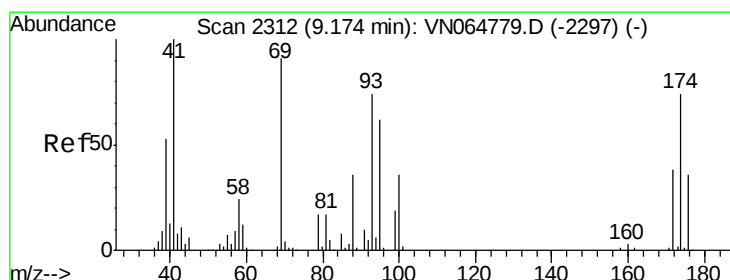
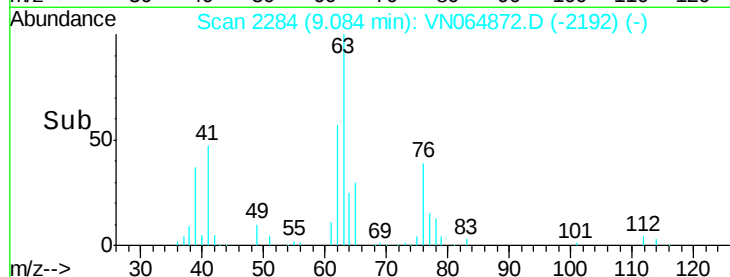
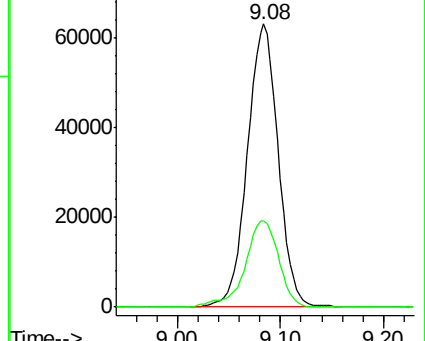
63 100

65 30.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN064872.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN064872.D (-2192) (-)



#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

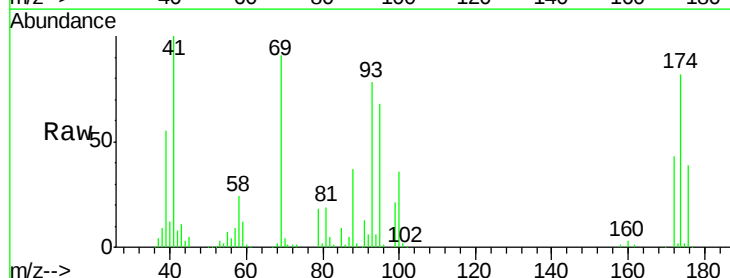
Tgt Ion: 93 Resp: 83712

Ion Ratio Lower Upper

93 100

95 85.9 68.8 103.2

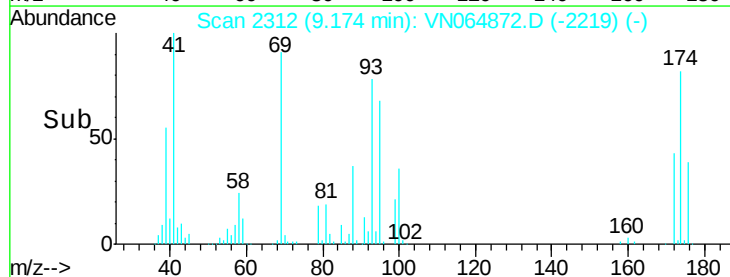
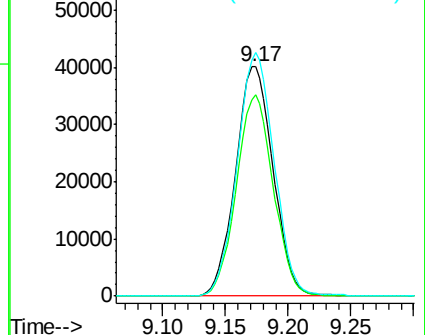
174 104.4 83.1 124.7

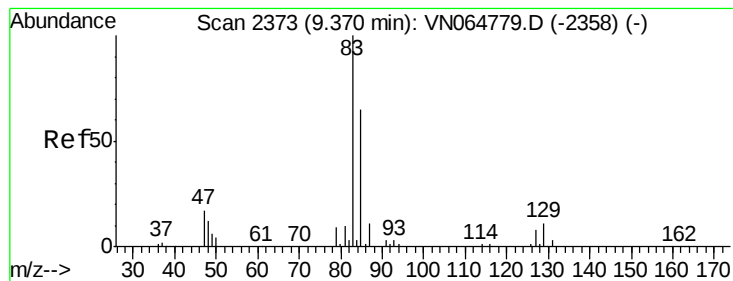


Abundance Ion 92.80 (92.50 to 93.50): VN064872.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN064872.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN064872.D (-2219) (-)





#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

ClientSampled :

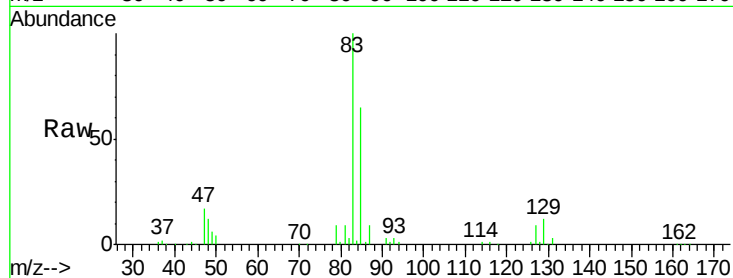
Tot Ion: 83 Resp: 171816

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.8

127 9.0 6.8 10.2

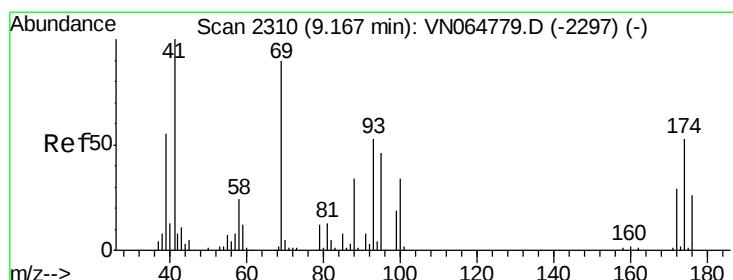
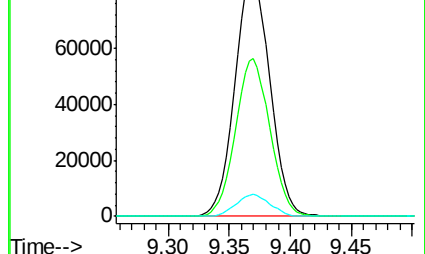
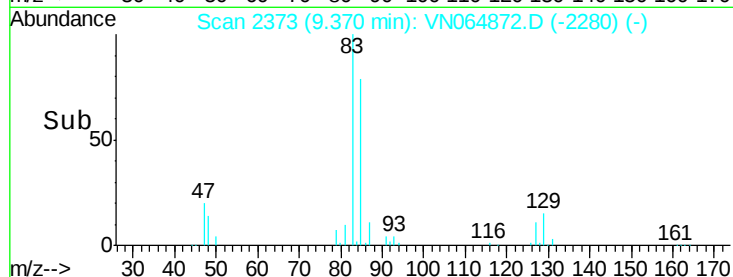


Abundance Ion 82.90 (82.60 to 83.60): VN064872.D (-2280) (-)

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

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

Time-->



#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

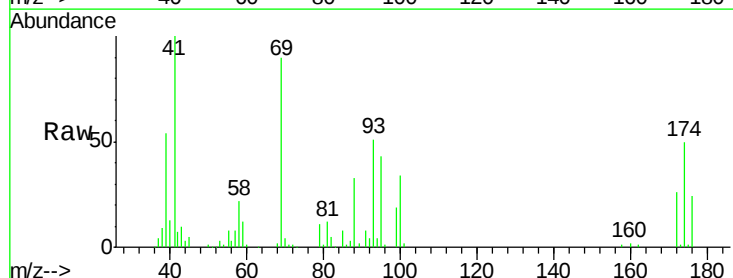
Tgt Ion: 41 Resp: 117014

Ion Ratio Lower Upper

41 100

69 93.3 71.8 107.8

39 55.9 44.1 66.1

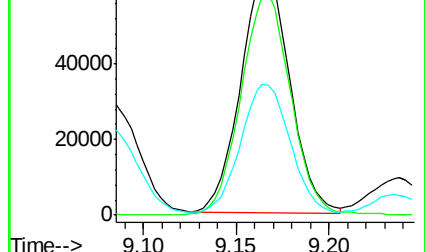
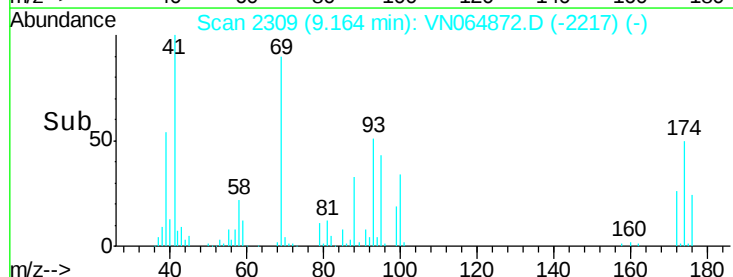


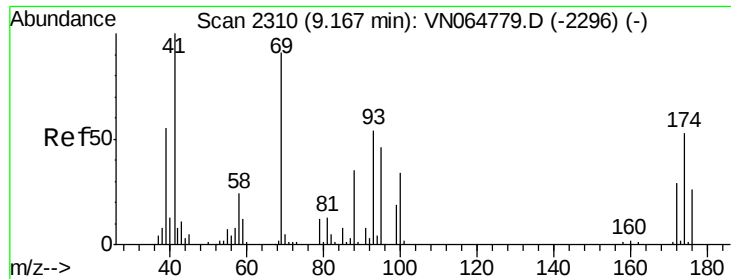
Abundance Ion 41.00 (40.70 to 41.70): VN064872.D (-2217) (-)

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

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

Time-->





#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
ClientSampled :

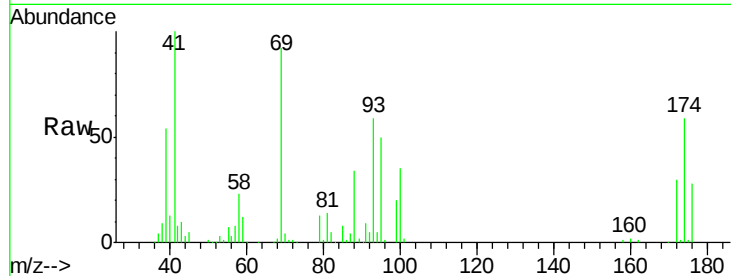
Tot Ion: 88 Resp: 44328

Ion Ratio Lower Upper

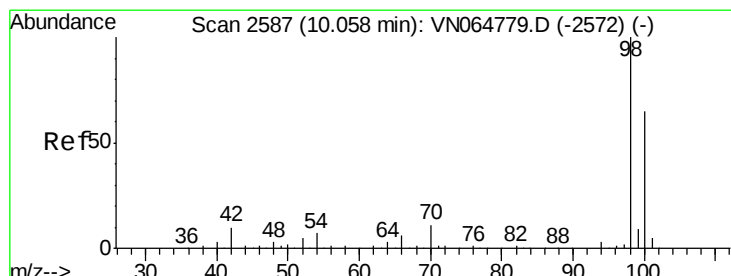
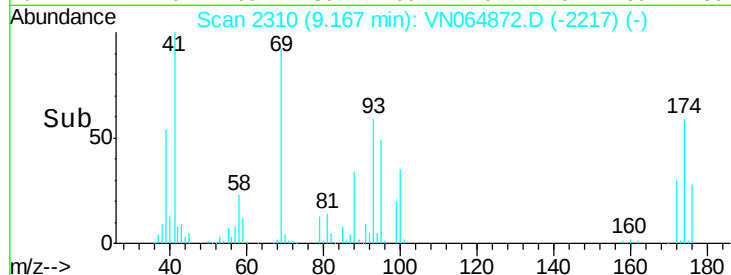
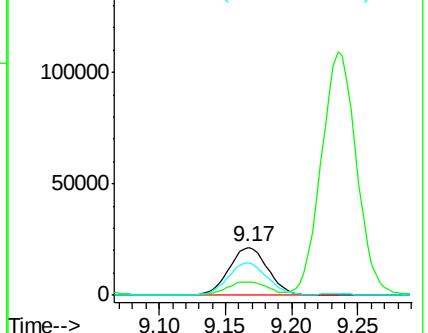
88 100

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

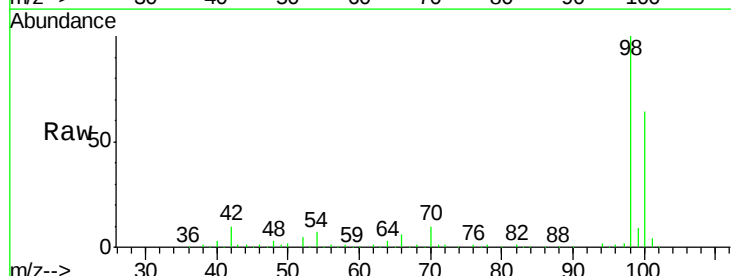
Acq: 30 Nov 2020 15:10

Tgt Ion: 98 Resp: 382680

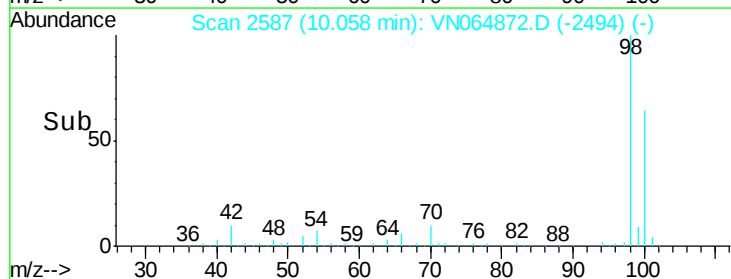
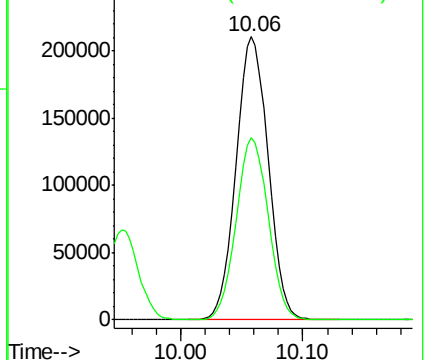
Ion Ratio Lower Upper

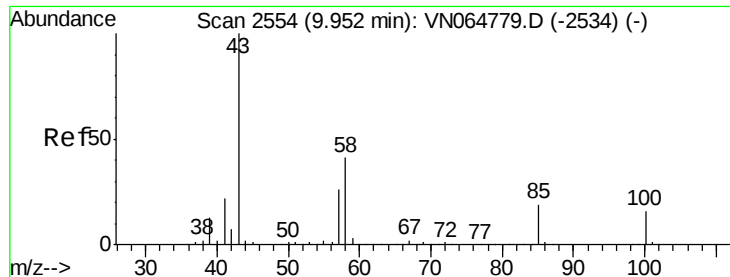
98 100

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

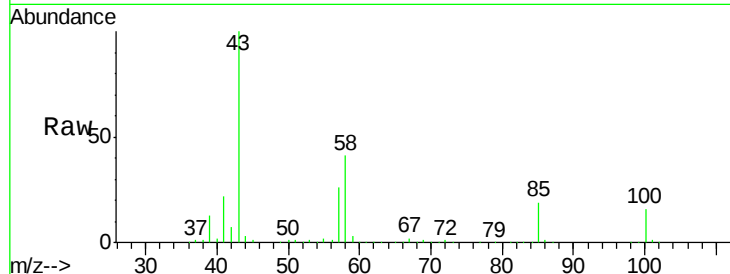
ClientSampled :

Tot Ion: 43 Resp: 738992

Ion Ratio Lower Upper

43 100

58 40.7 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064872.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN064872.D (-2461) (-)

9.95

400000

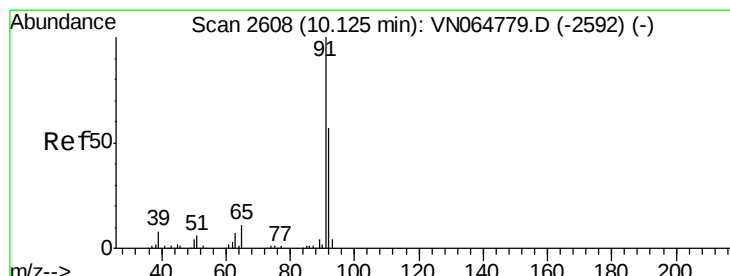
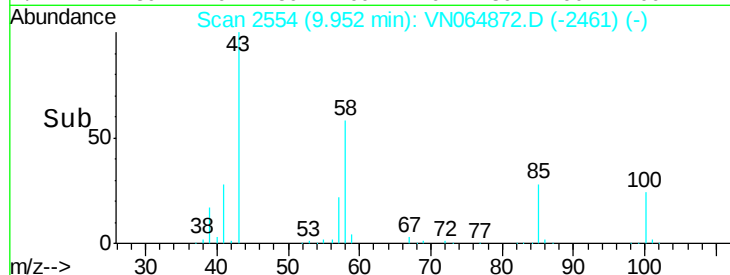
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 55.462 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064872.D

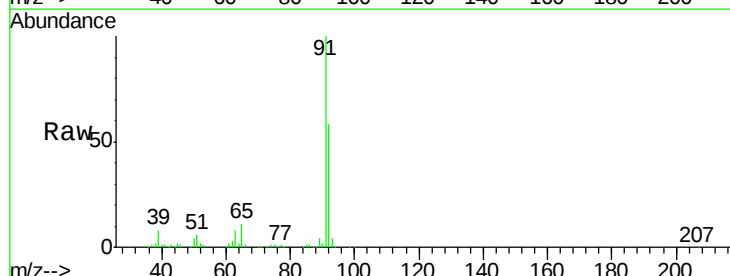
Acq: 30 Nov 2020 15:10

Tgt Ion: 92 Resp: 308592

Ion Ratio Lower Upper

92 100

91 173.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064872.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN064872.D (-2515) (-)

10.12

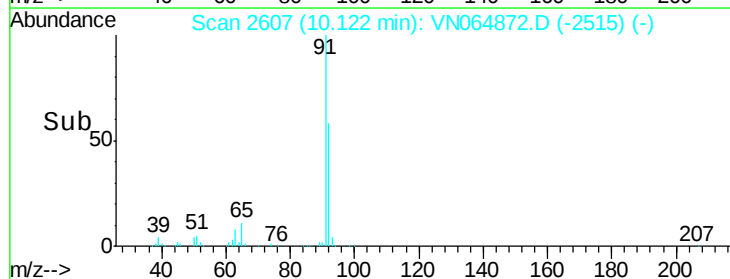
300000

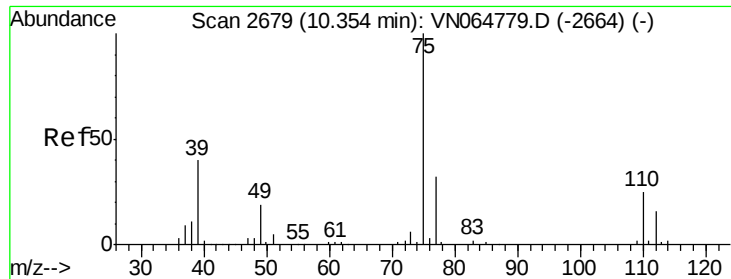
200000

100000

0

Time-->





#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

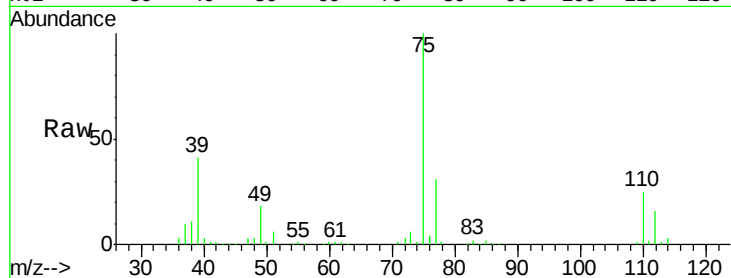
ClientSampleId :

Tot Ion: 75 Resp: 190317

Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

120000

100000

80000

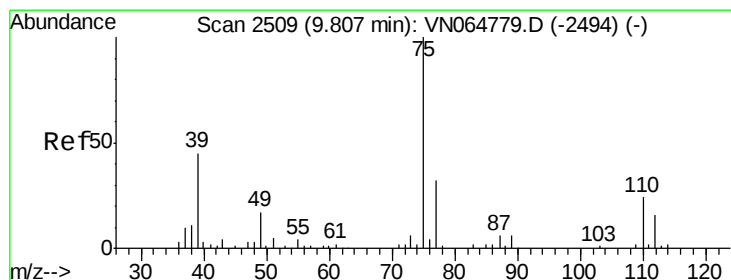
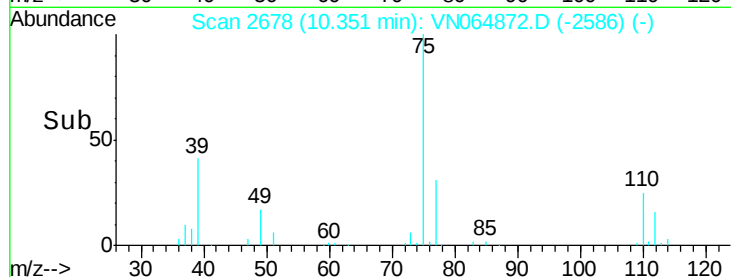
60000

40000

20000

0

Time-->



#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

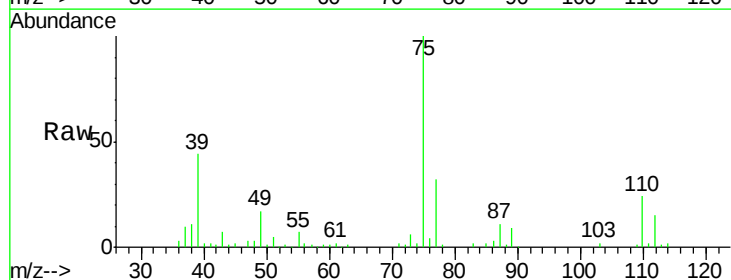
Tgt Ion: 75 Resp: 207903

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

39 44.2 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

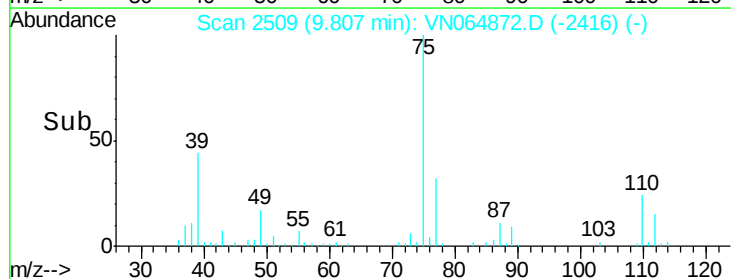
150000

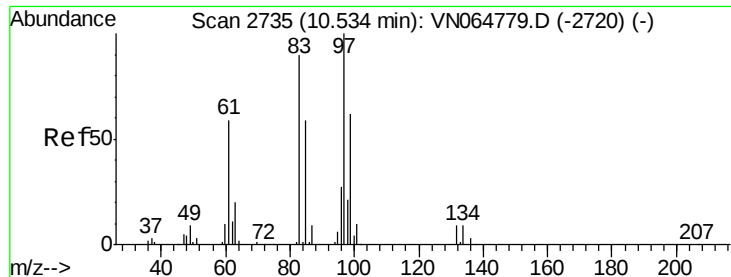
100000

50000

0

Time-->





#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

ClientSampled :

Tot Ion: 97 Resp: 124048

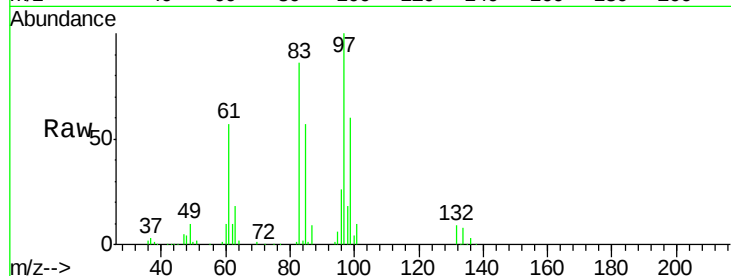
Ion Ratio Lower Upper

97 100

83 86.5 72.1 108.1

85 56.7 46.8 70.2

99 60.2 49.6 74.4

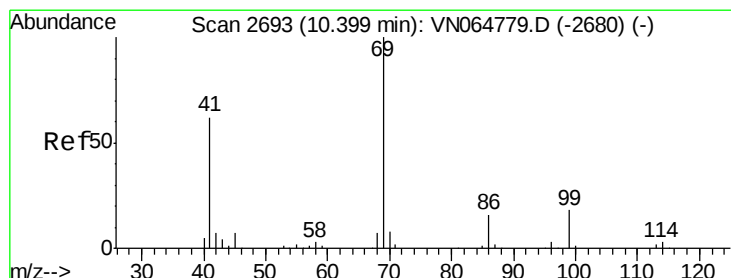
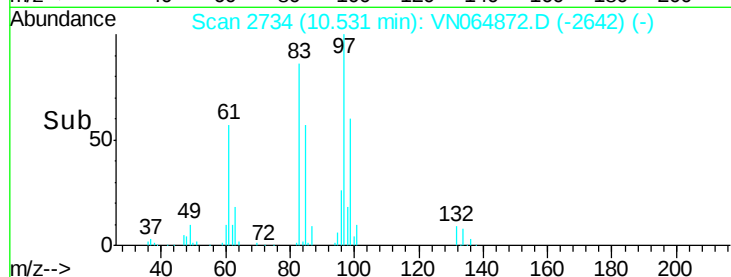
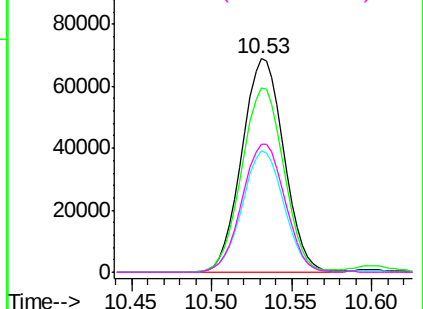


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 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

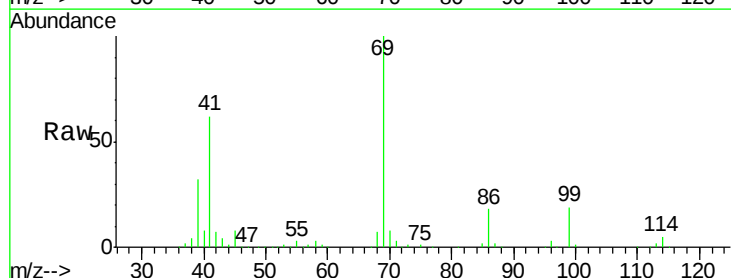
Tgt Ion: 69 Resp: 179562

Ion Ratio Lower Upper

69 100

41 60.7 49.4 74.0

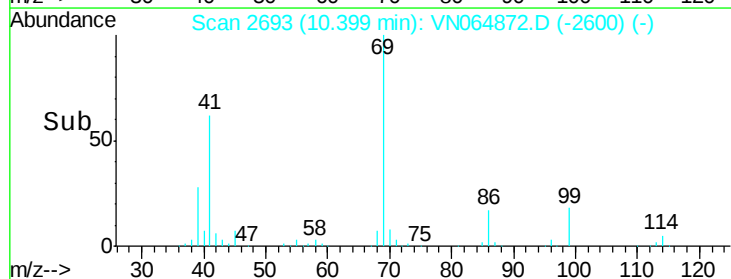
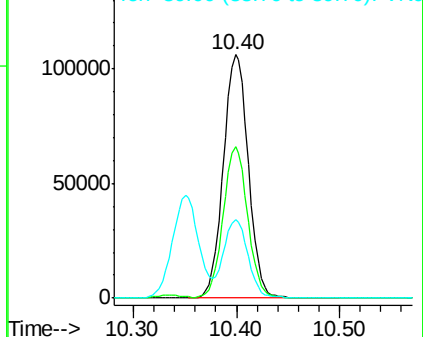
39 31.6 25.9 38.9

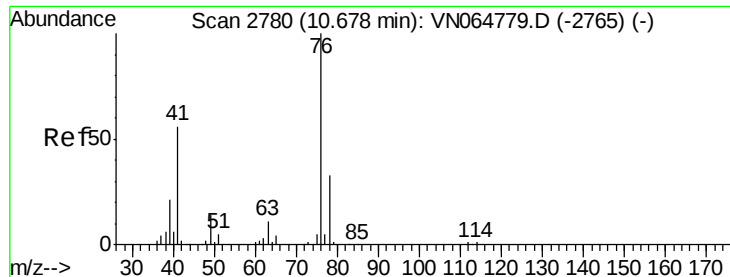


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 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

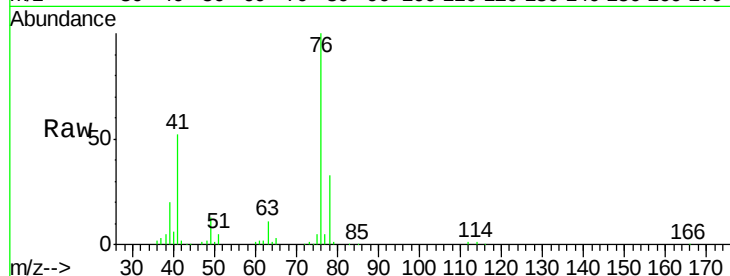
ClientSampled :

Tot Ion: 76 Resp: 206059

Ion Ratio Lower Upper

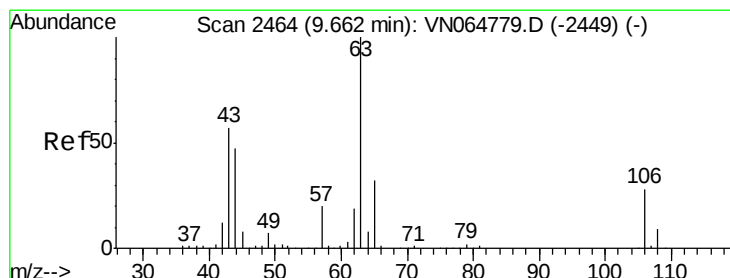
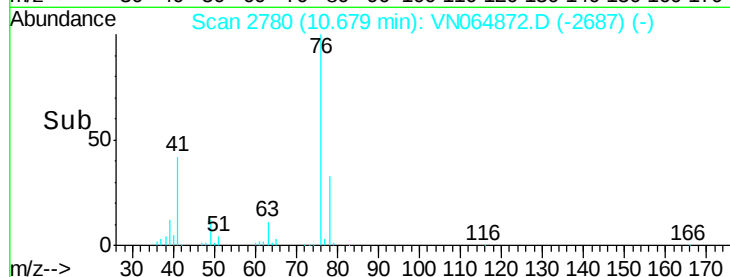
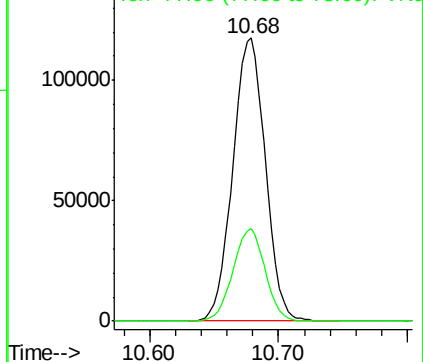
76 100

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

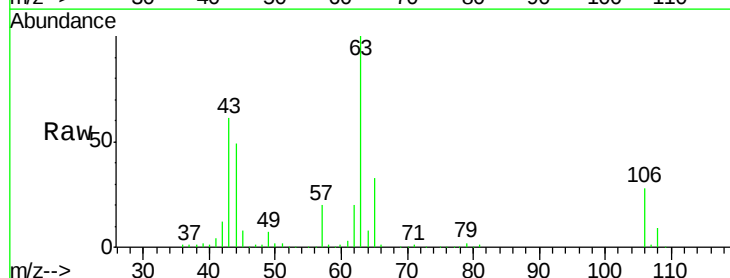
Acq: 30 Nov 2020 15:10

Tgt Ion: 63 Resp: 503353

Ion Ratio Lower Upper

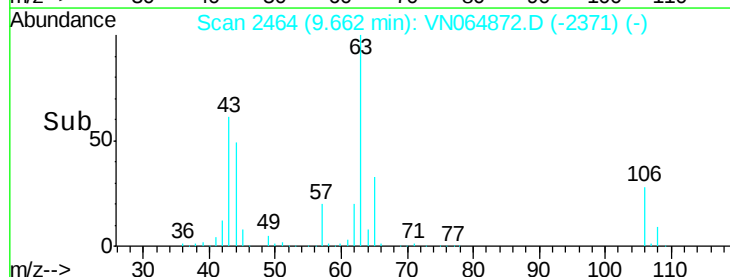
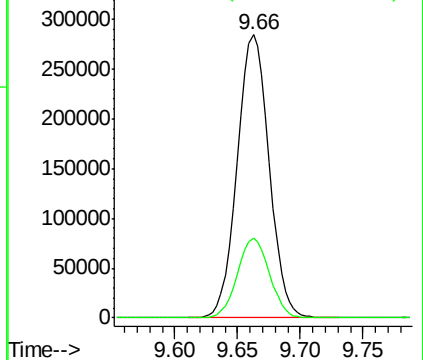
63 100

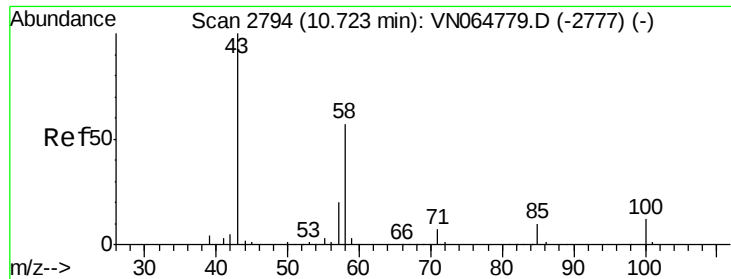
106 28.2 22.7 34.1



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

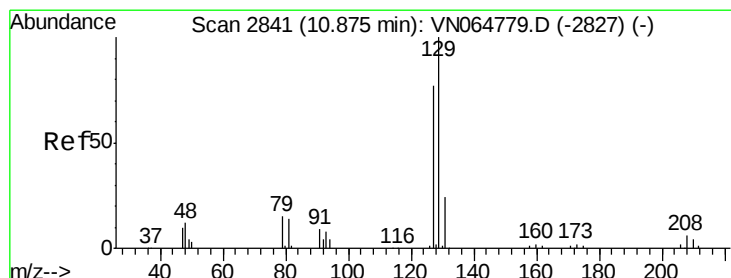
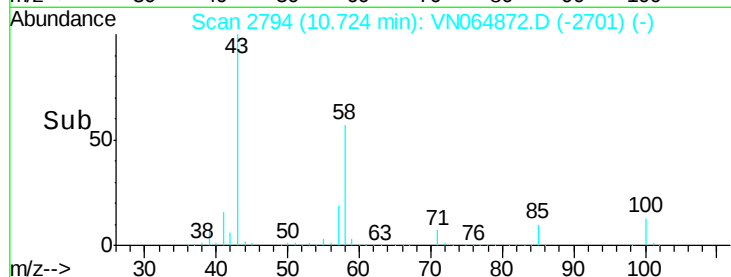
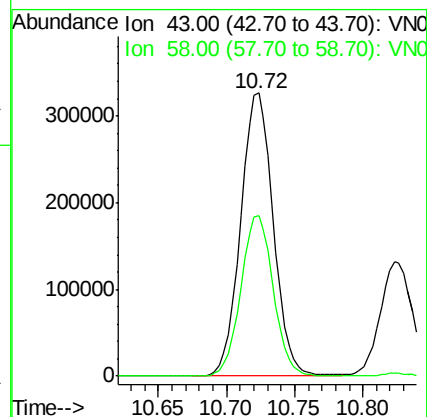
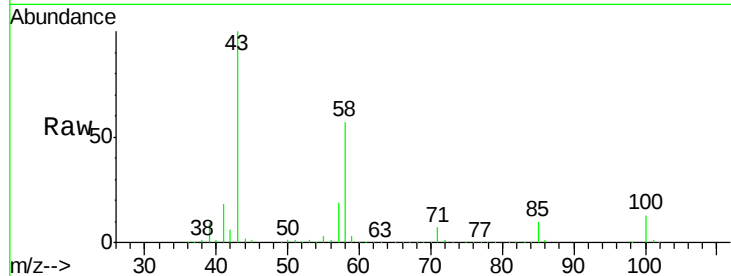
ClientSampled :

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

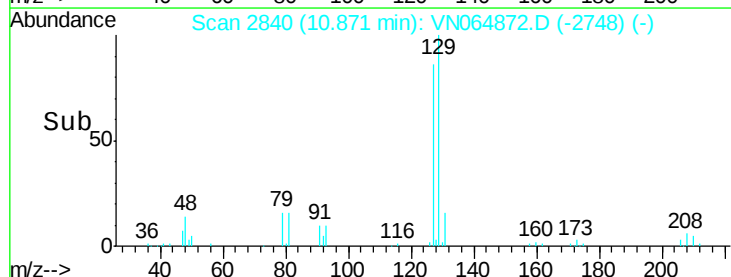
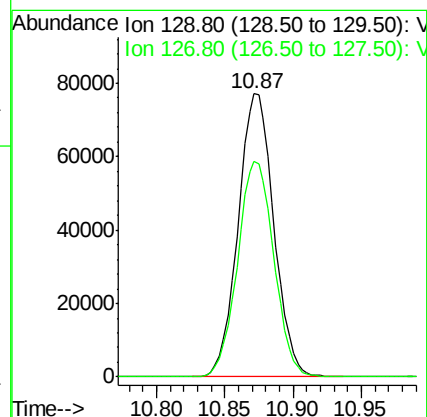
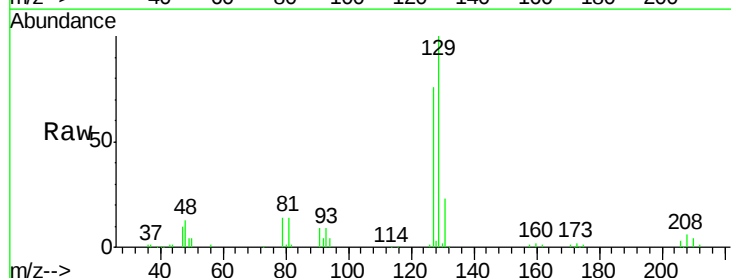
Acq: 30 Nov 2020 15:10

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

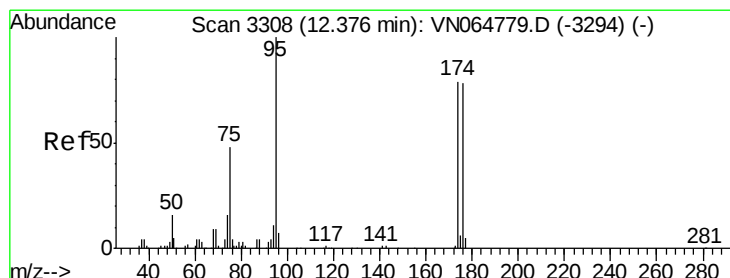
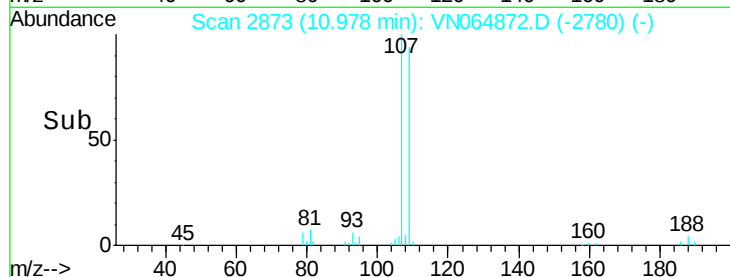
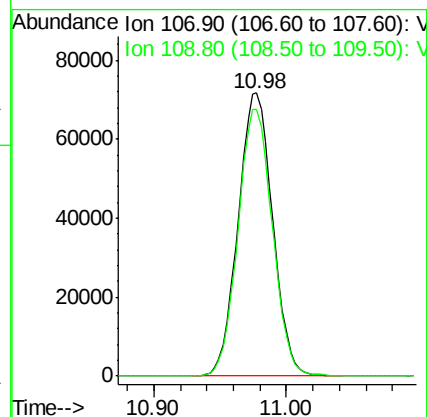
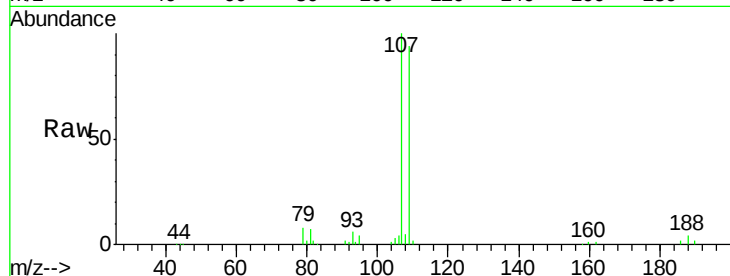
ClientSampleId :

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

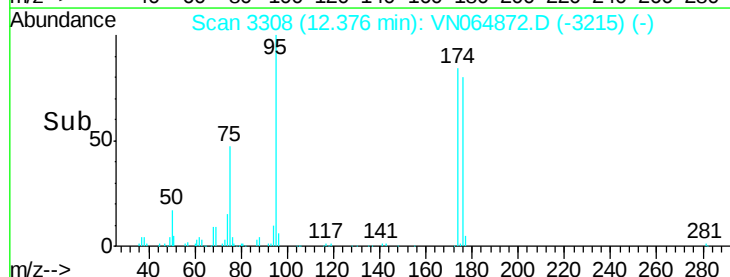
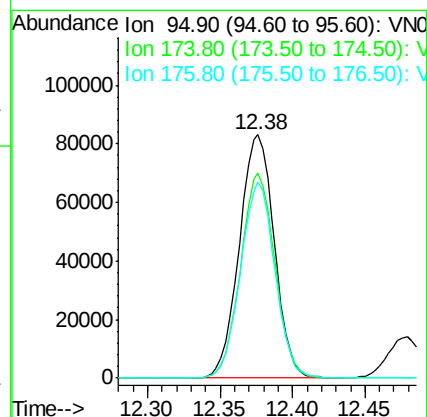
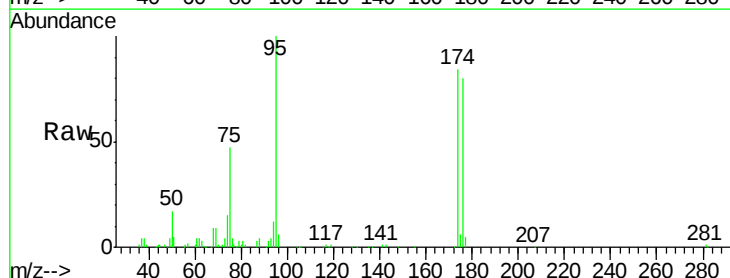
Tgt Ion: 95 Resp: 138795

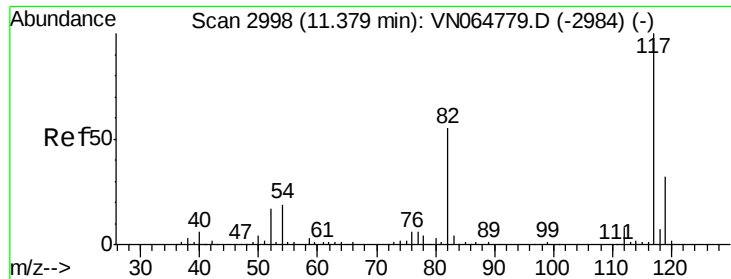
Ion Ratio Lower Upper

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

ClientSampled :

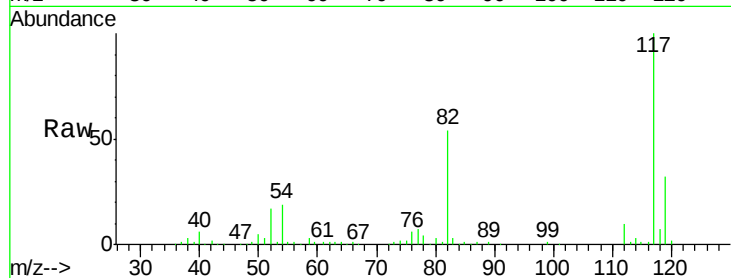
Tot Ion:117 Resp: 288972

Ion Ratio Lower Upper

117 100

82 53.6 44.2 66.2

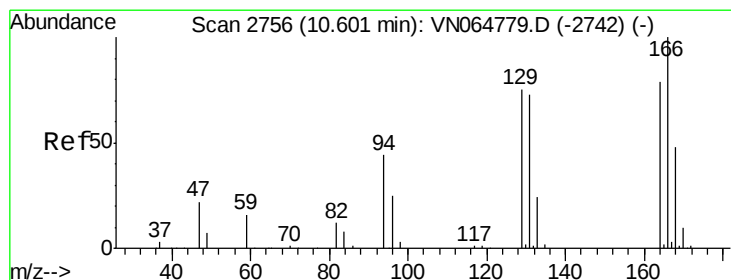
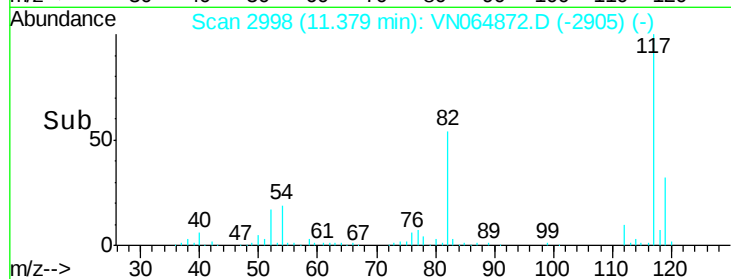
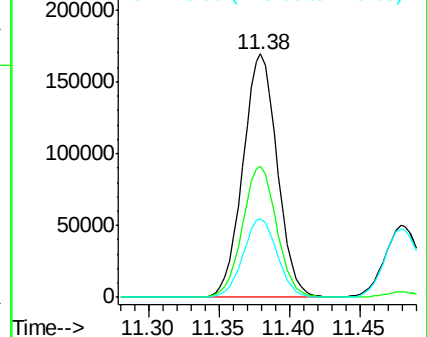
119 32.4 25.8 38.6



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

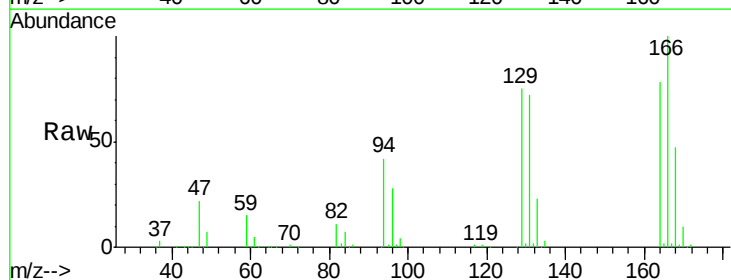
Ion Ratio Lower Upper

164 100

166 128.8 101.4 152.0

129 96.6 76.1 114.1

131 93.3 74.2 111.2

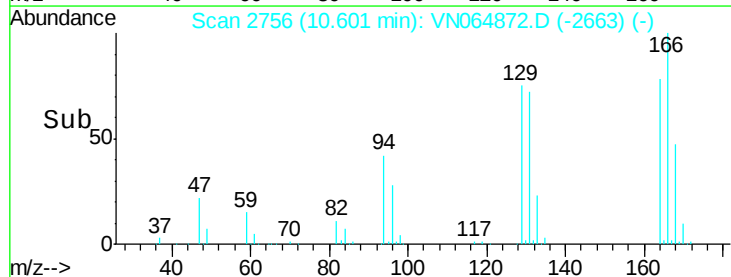
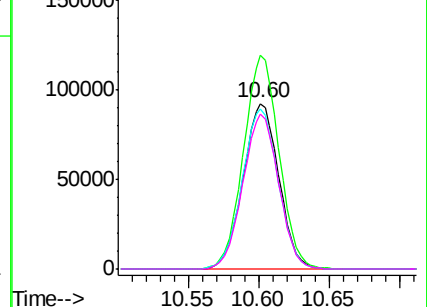


Abundance Ion 163.80 (163.50 to 164.50): V

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

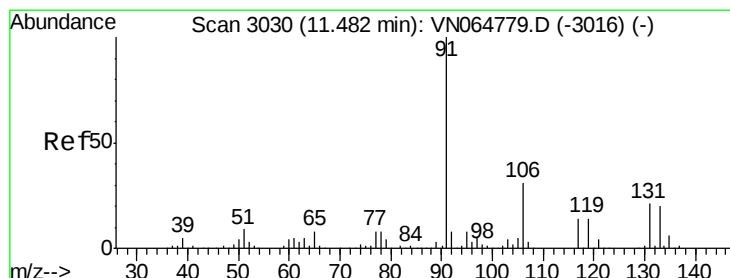
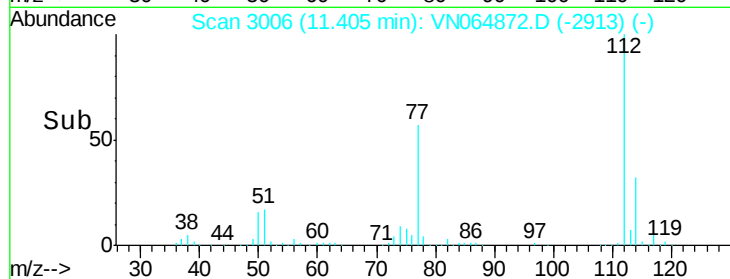
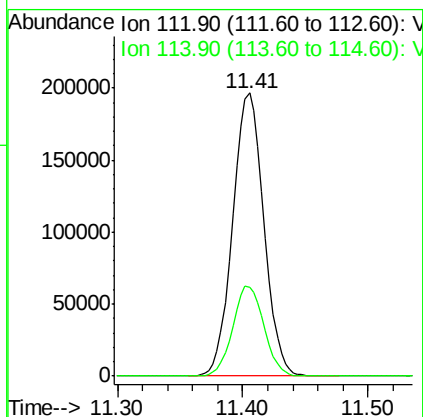
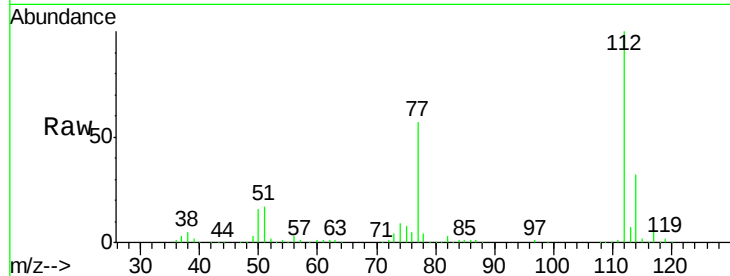




#65
Chlorobenzene
Concen: 54.530 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

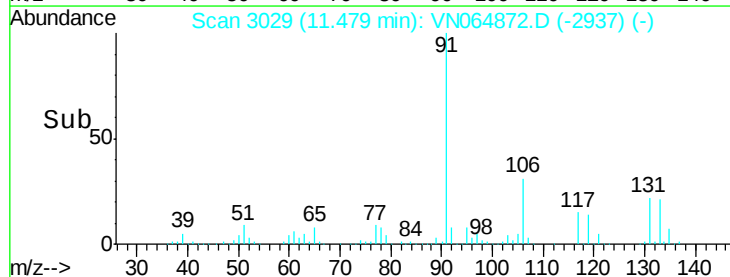
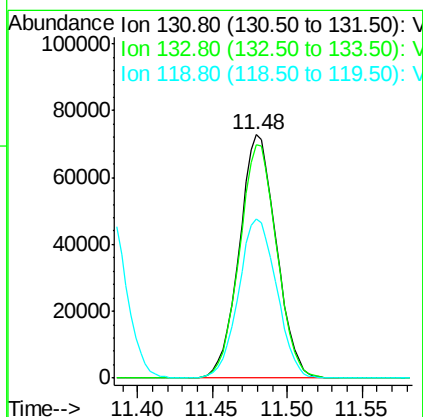
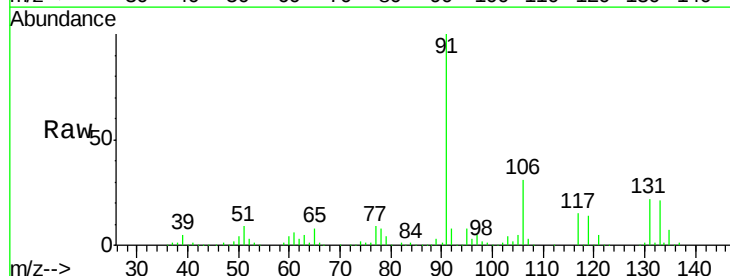
Instrument :
MSVOA_N
ClientSampled :

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

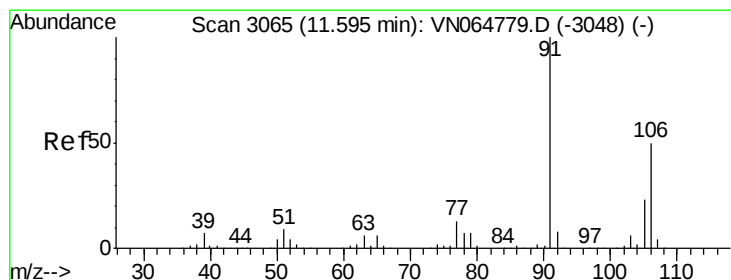
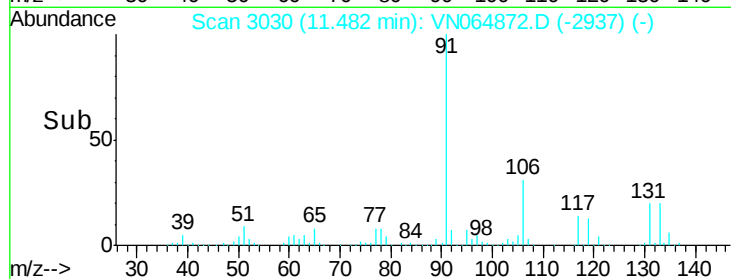
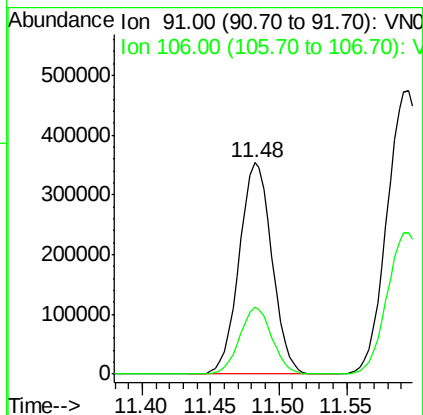
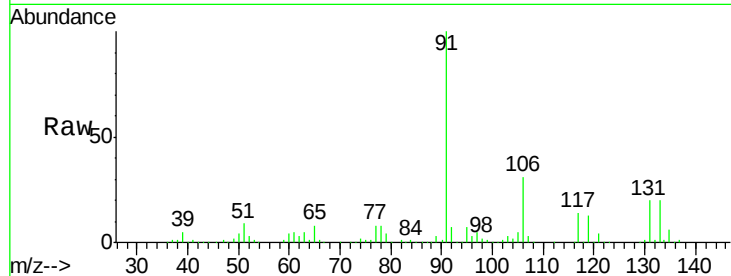




#67
Ethyl Benzene
Concen: 57.008 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

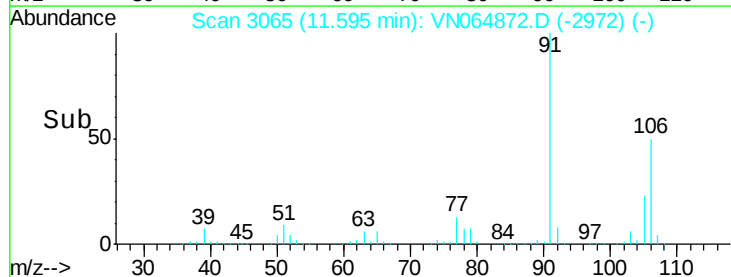
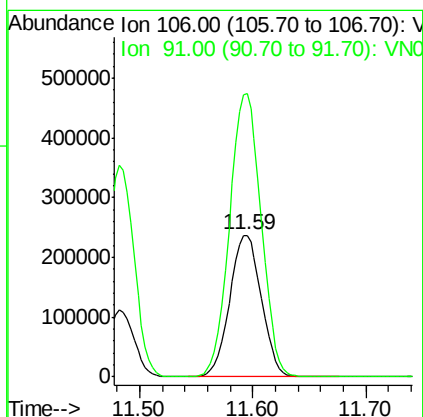
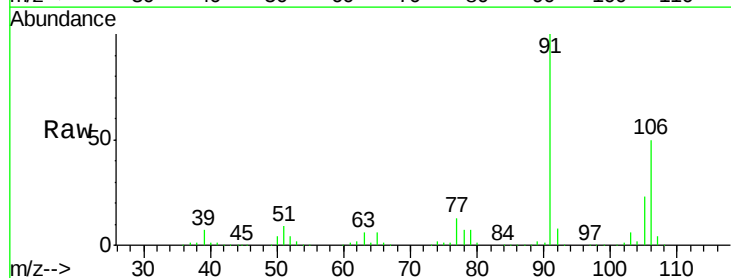
Instrument :
MSVOA_N
ClientSampled :

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

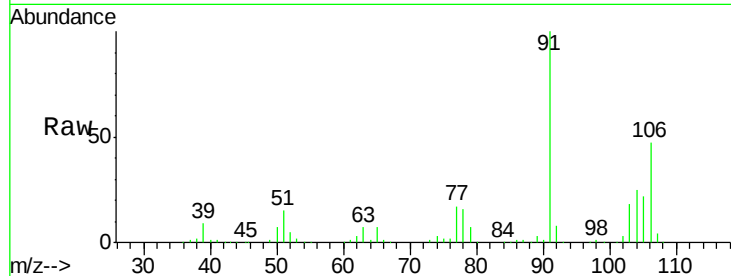




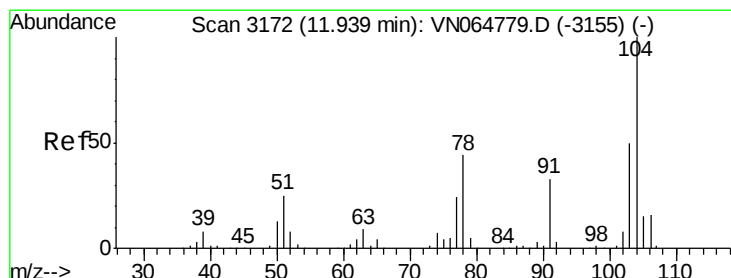
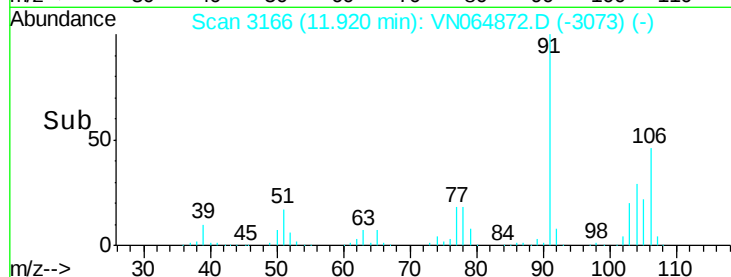
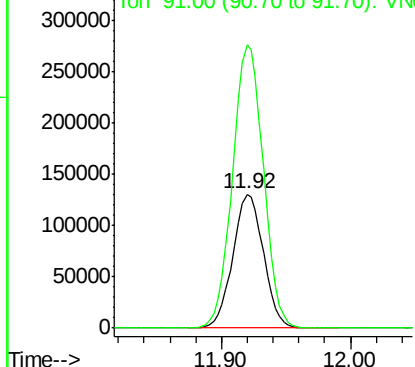
#69
o-Xylene
Concen: 57.933 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampled :

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

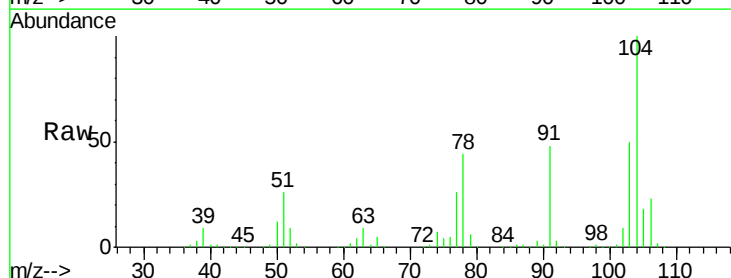


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

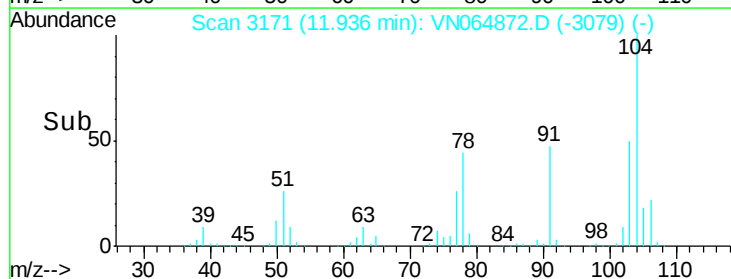
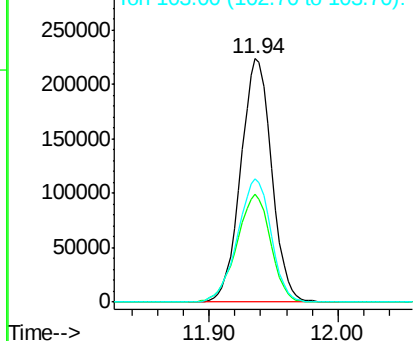


#70
Styrene
Concen: 59.546 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

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 :

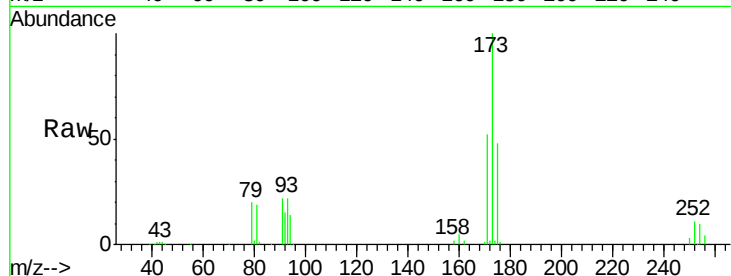
Tot Ion:173 Resp: 98867

Ion Ratio Lower Upper

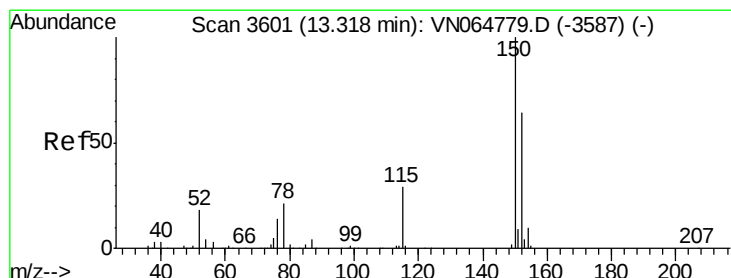
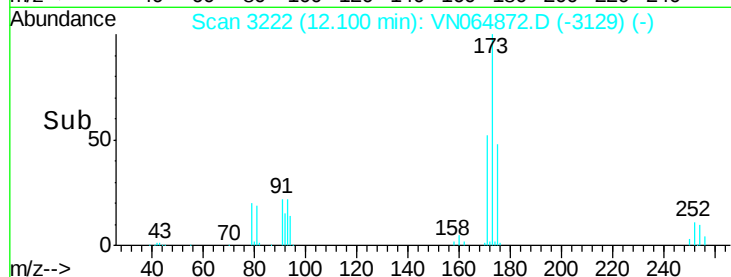
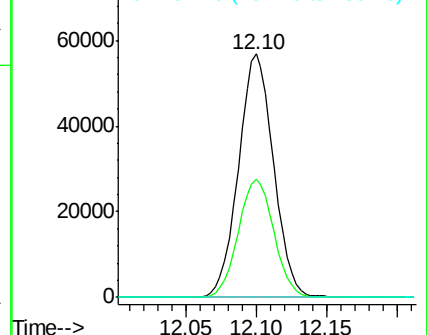
173 100

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

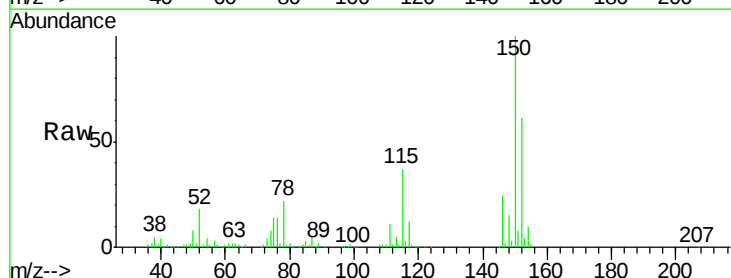
Tgt Ion:152 Resp: 147808

Ion Ratio Lower Upper

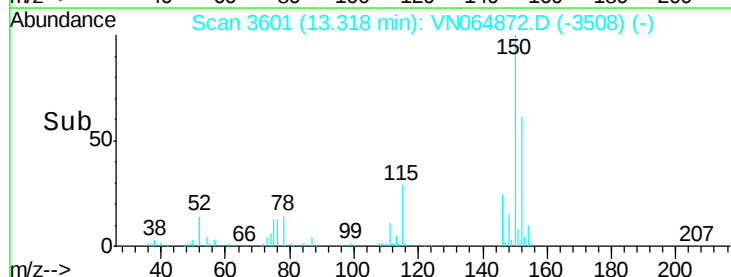
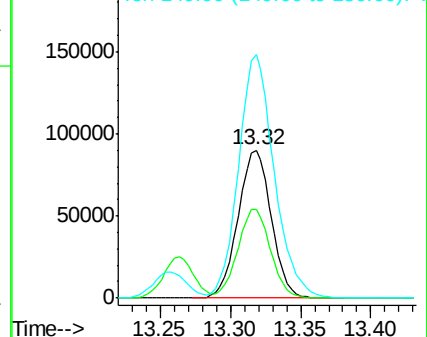
152 100

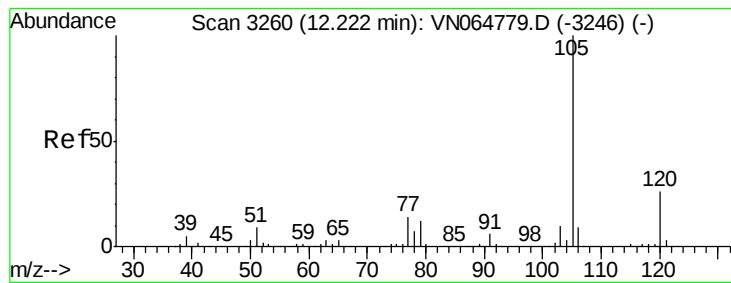
115 59.4 29.7 89.1

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

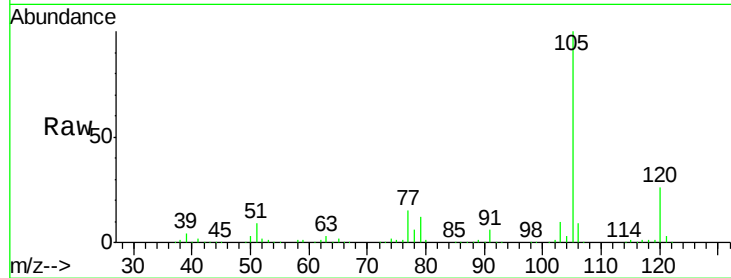
ClientSampleId :

Tot Ion:105 Resp: 580668

Ion Ratio Lower Upper

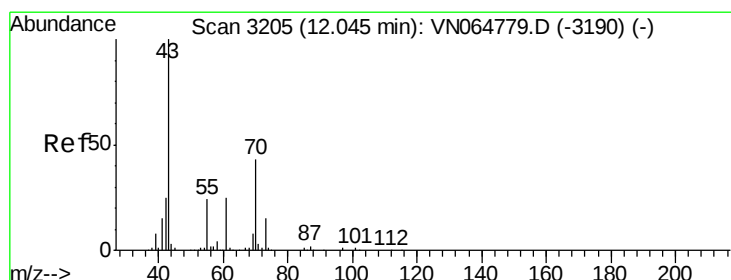
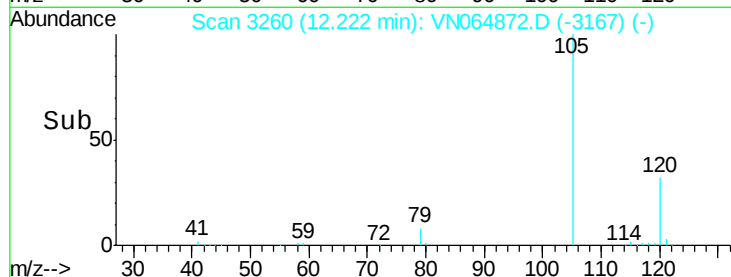
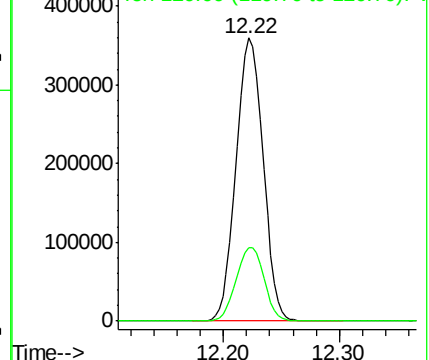
105 100

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

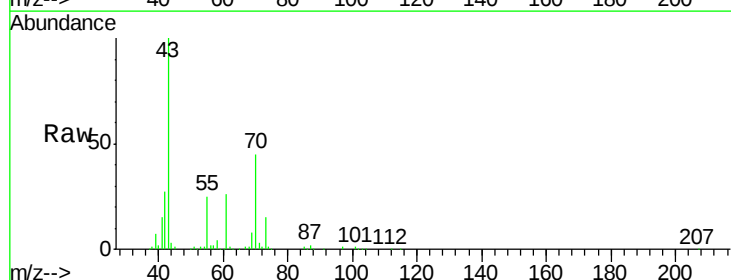
Ion Ratio Lower Upper

43 100

70 44.8 34.5 51.7

55 25.6 20.4 30.6

61 25.4 20.0 30.0

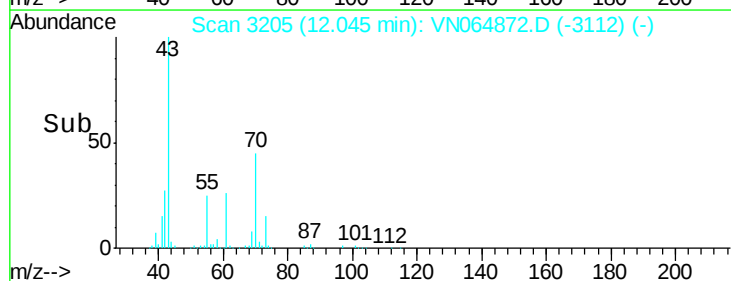
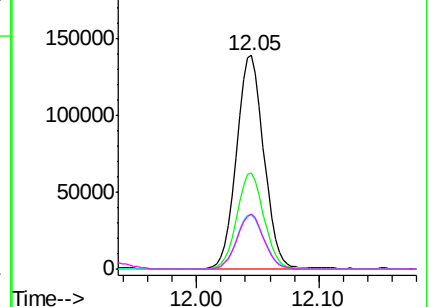


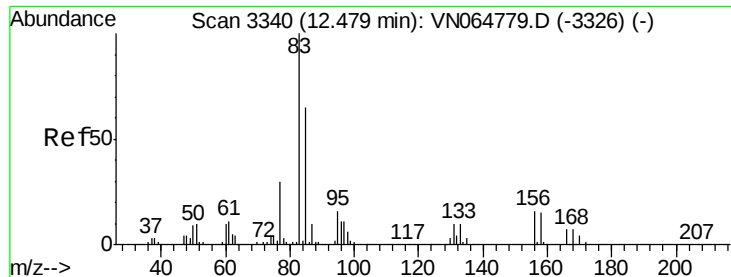
Abundance Ion 43.00 (42.70 to 43.70): VN0

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 :

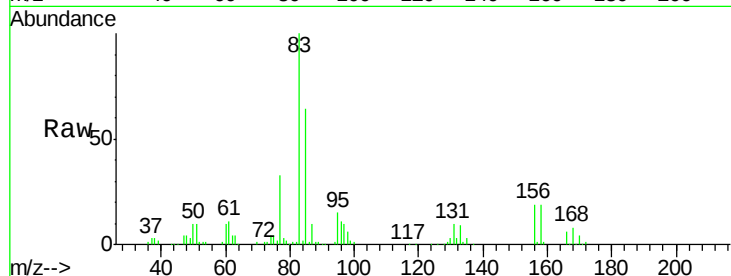
Tot Ion: 83 Resp: 152029

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.3
85	63.8	33.0	99.0

83 100

131 10.3 5.1 15.3

85 63.8 33.0 99.0



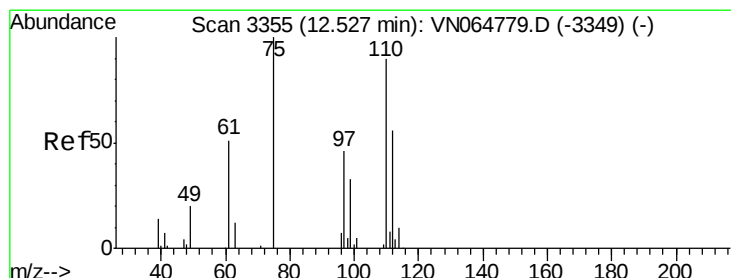
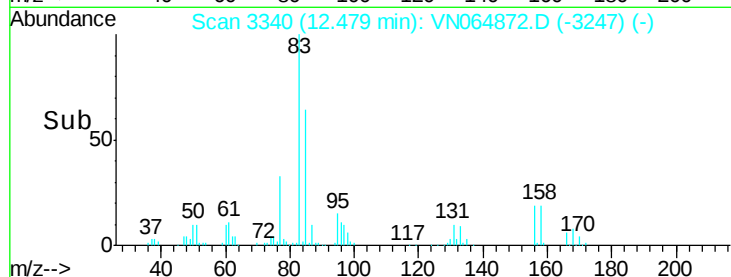
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.48

Time--> 12.40 12.45 12.50



#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

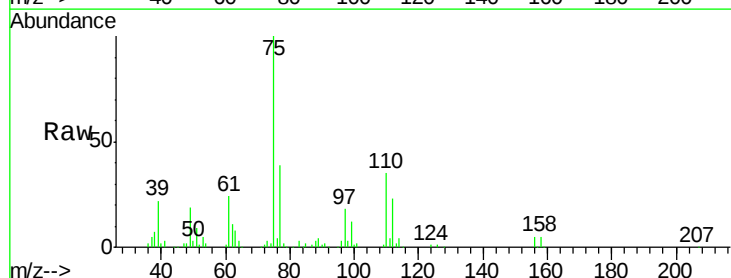
Acq: 30 Nov 2020 15:10

Tgt Ion: 75 Resp: 228432

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0

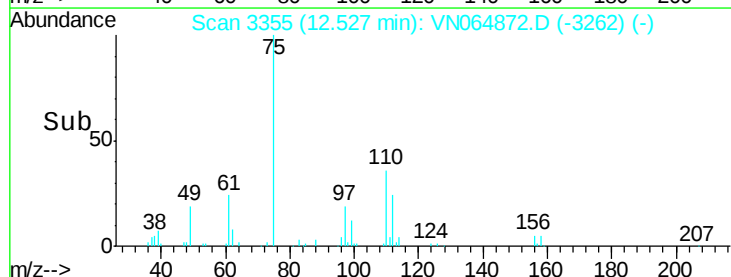


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.53

Time--> 12.40 12.50 12.60





#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

ClientSampled :

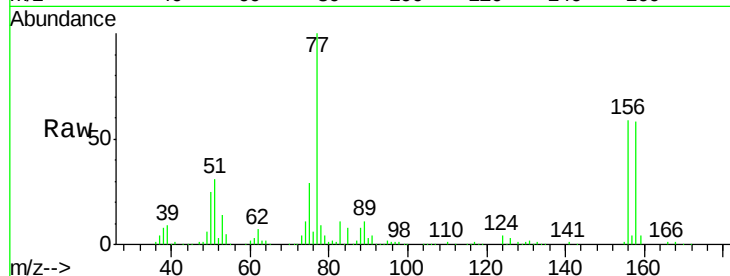
Tot Ion:156 Resp: 147035

Ion Ratio Lower Upper

156 100

77 203.8 101.3 303.7

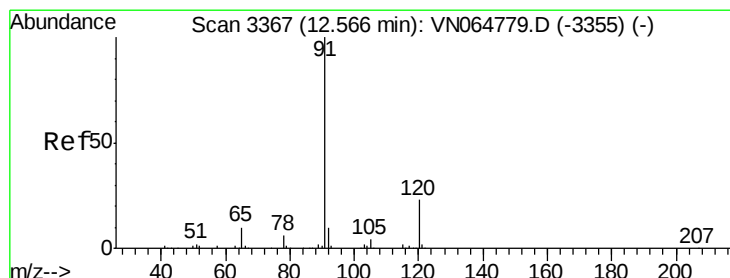
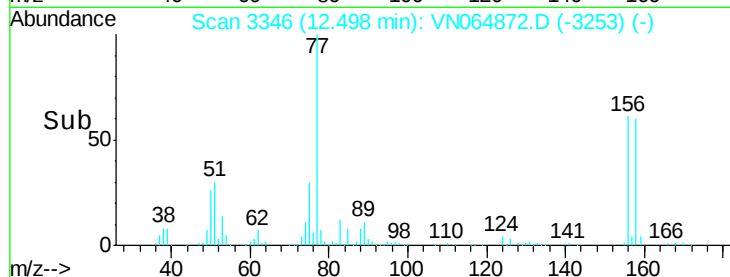
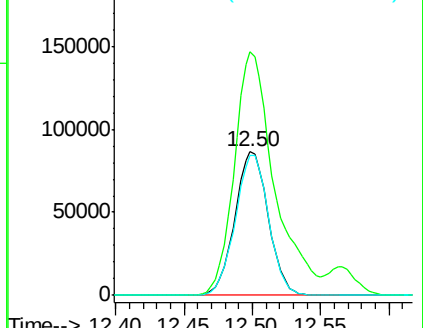
158 97.7 48.2 144.6



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

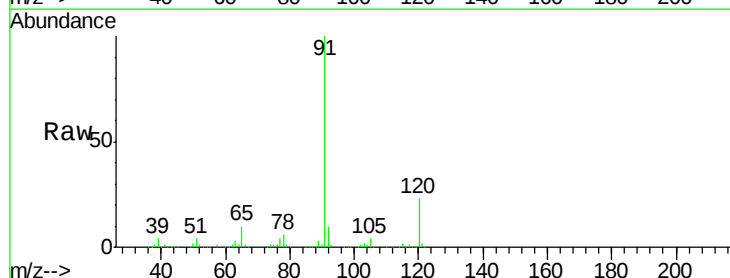
Acq: 30 Nov 2020 15:10

Tgt Ion: 91 Resp: 676265

Ion Ratio Lower Upper

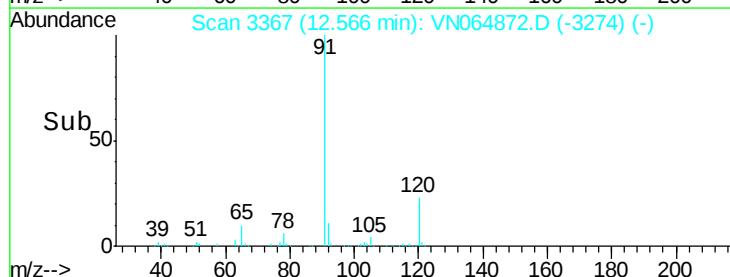
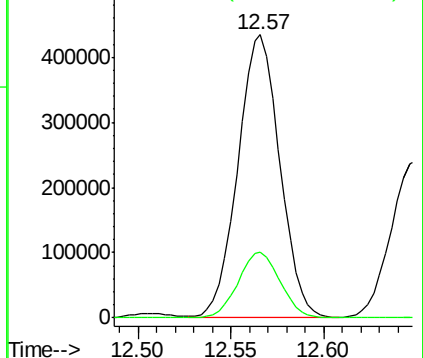
91 100

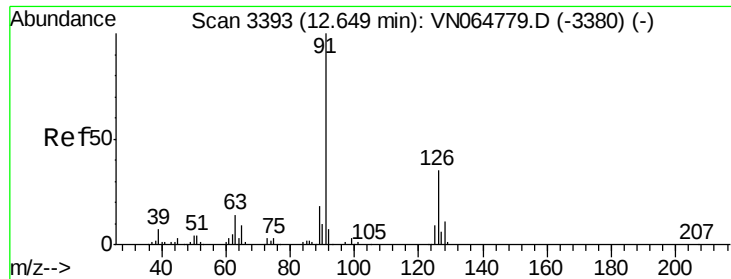
120 23.5 11.6 34.7



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

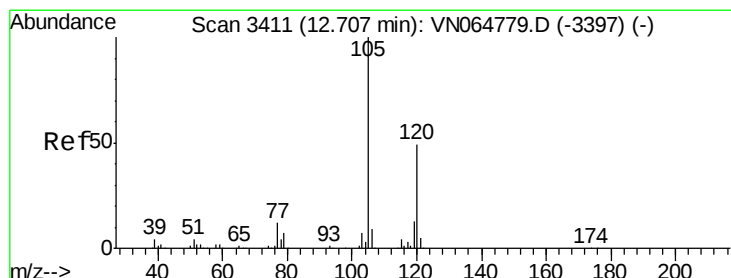
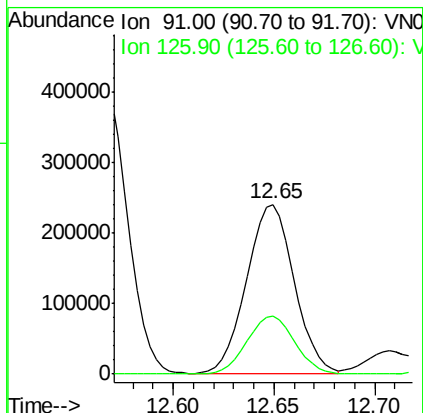
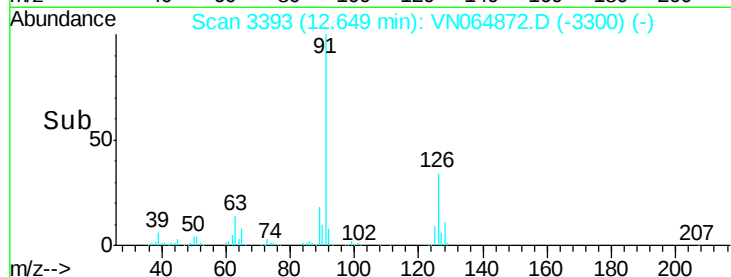
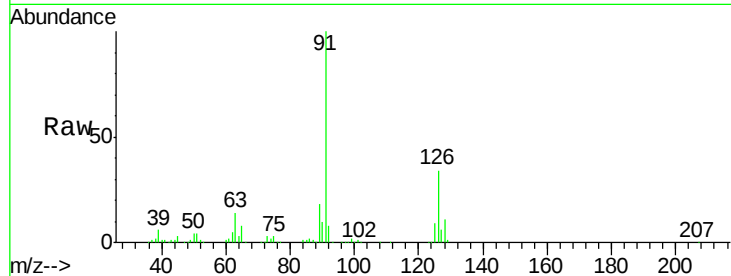
ClientSampled :

Tot Ion: 91 Resp: 396540

Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.6



#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

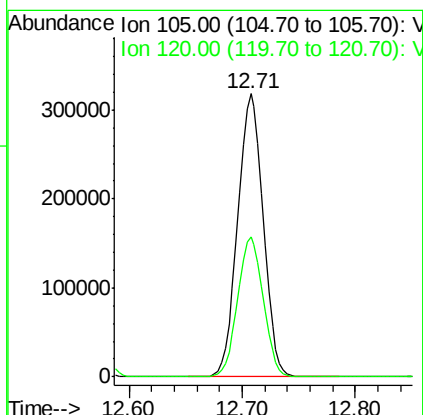
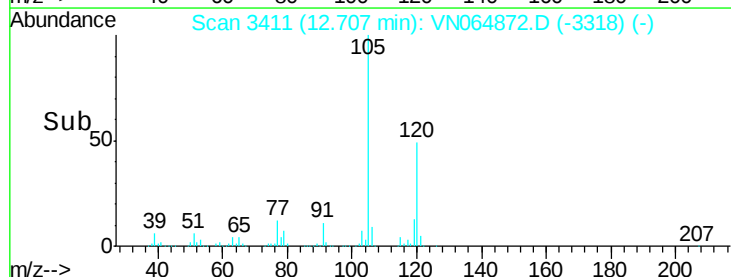
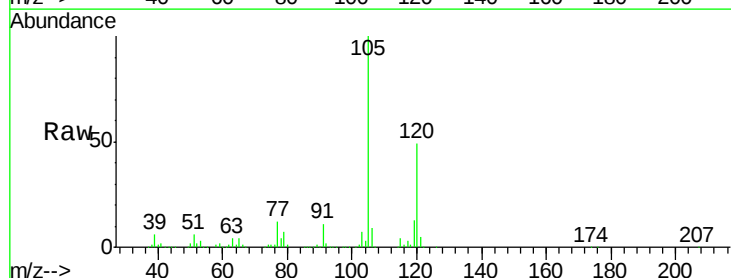
Acq: 30 Nov 2020 15:10

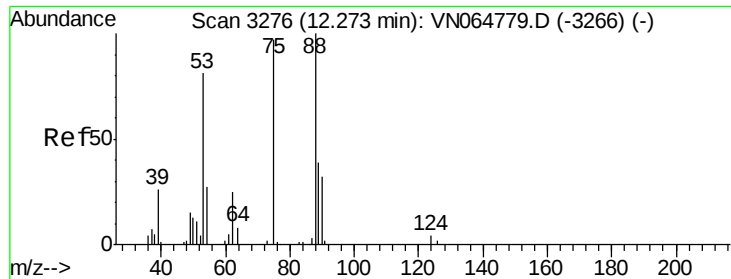
Tgt Ion: 105 Resp: 501232

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.6

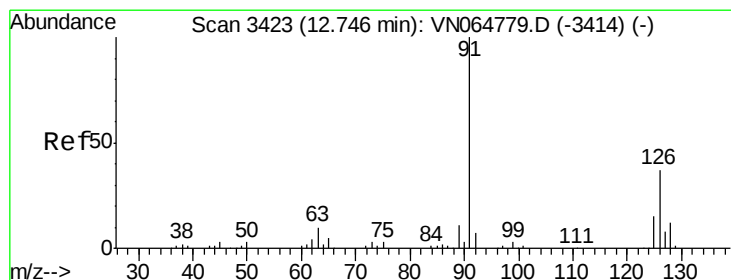
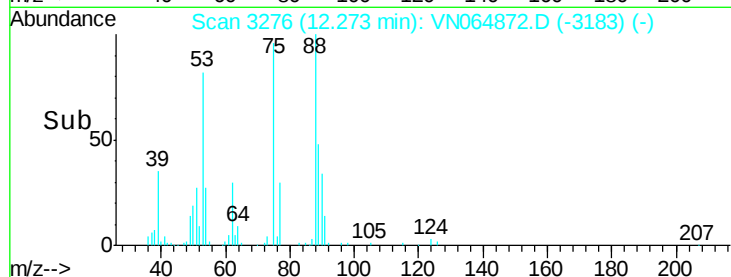
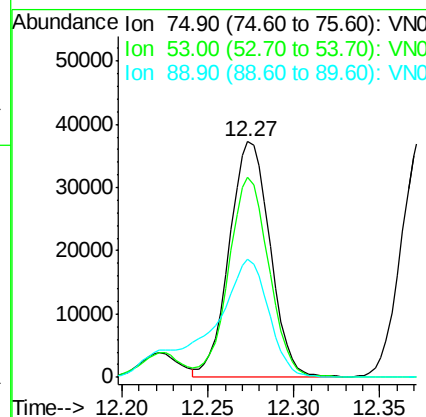
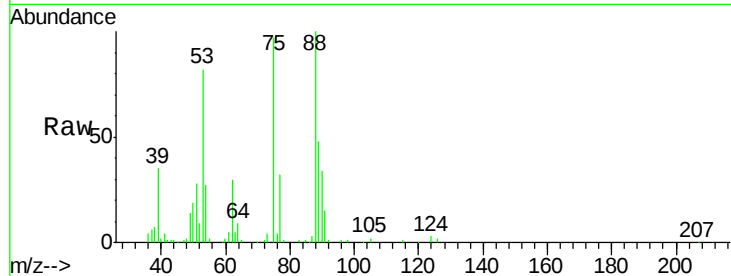




#81
trans-1,4-Dichloro-2-butene
Concen: 52.928 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

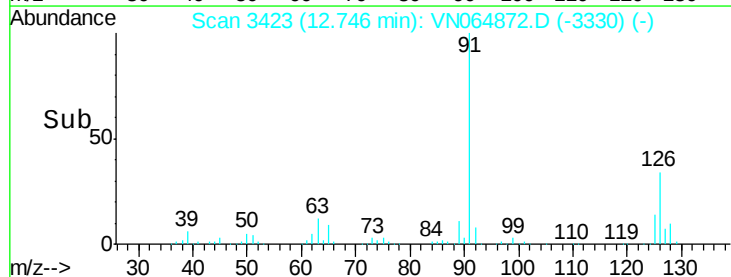
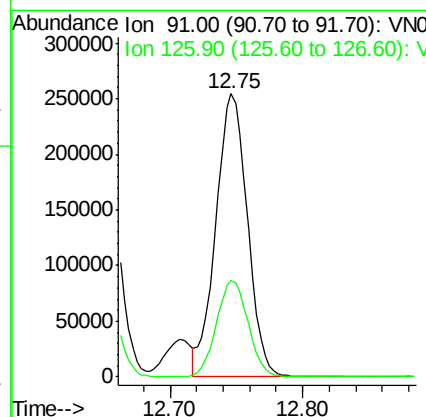
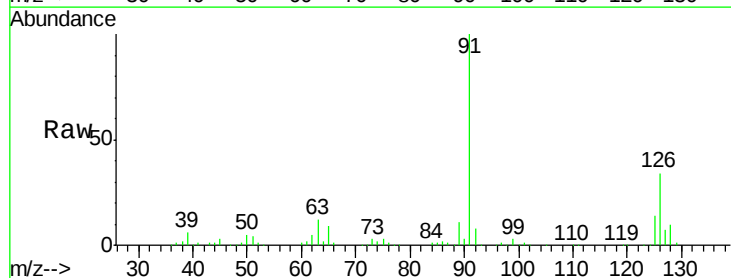
Instrument :
MSVOA_N
ClientSampled :

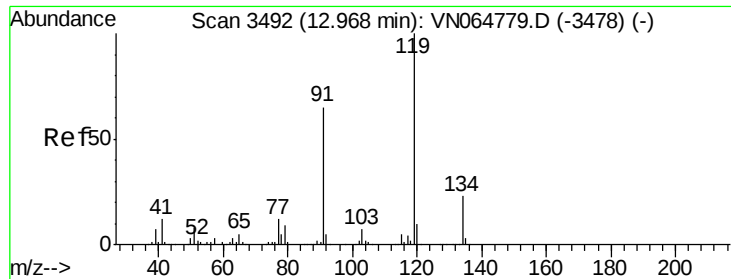
Tot Ion: 75 Resp: 61472
Ion Ratio Lower Upper
75 100
53 83.9 67.0 100.4
89 61.6 39.6 59.4#



#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

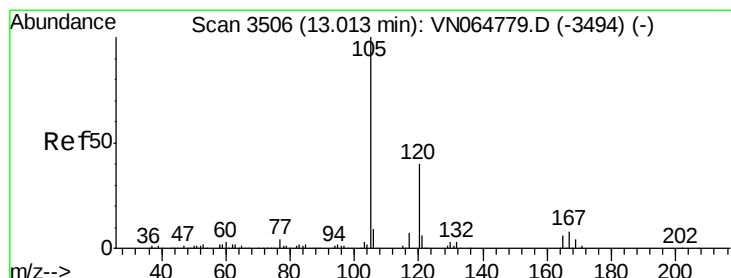
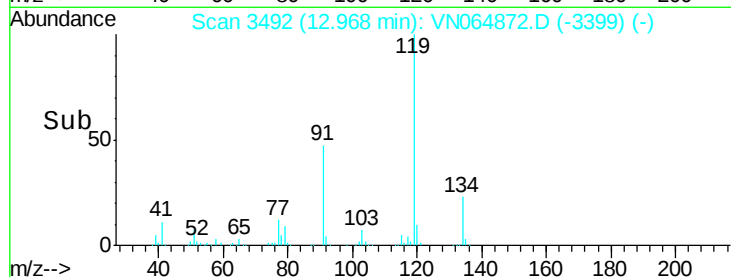
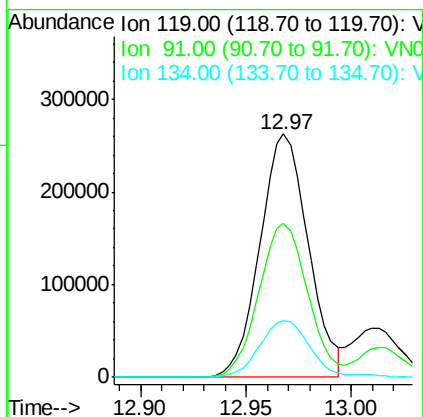
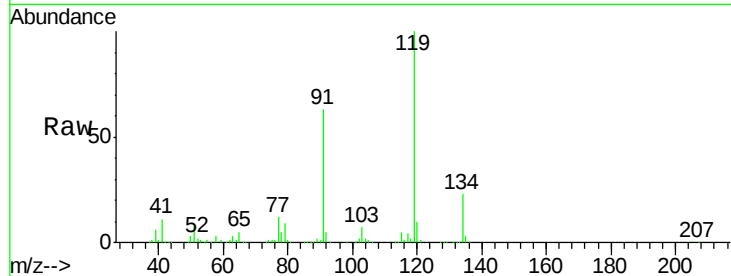




#83
 tert-Butylbenzene
 Concen: 58.395 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

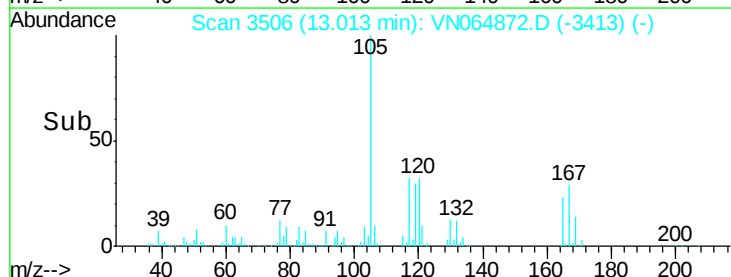
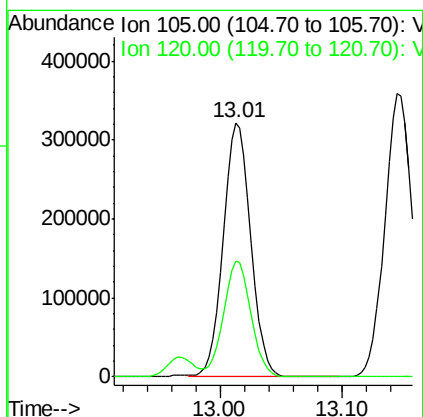
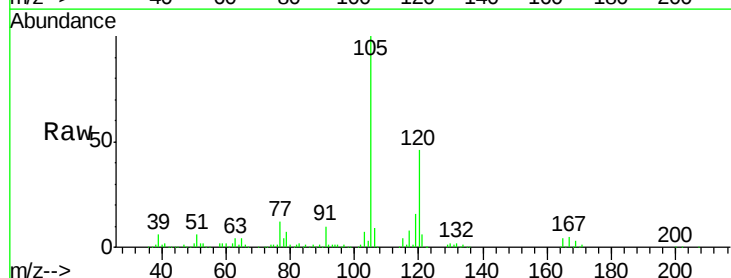
Instrument :
 MSVOA_N
 ClientSampleId :

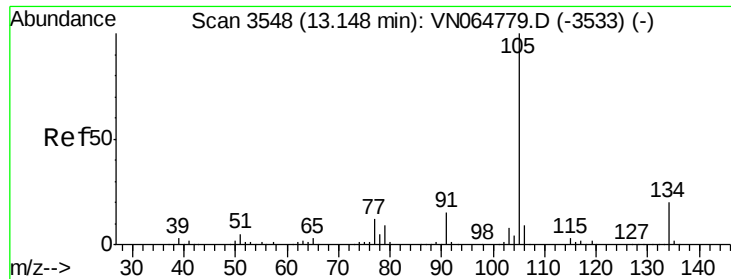
Tot Ion:119 Resp: 418278
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.3 96.8
 134 24.8 12.6 37.6



#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

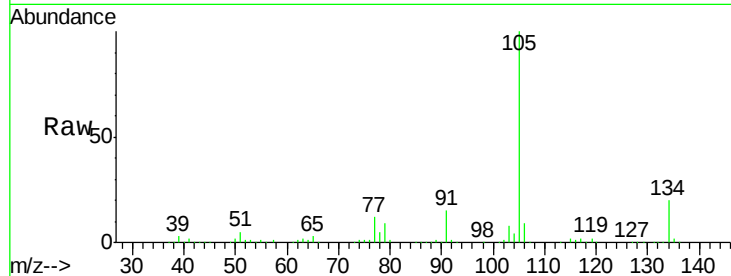
ClientSampled :

Tot Ion:105 Resp: 569154

Ion Ratio Lower Upper

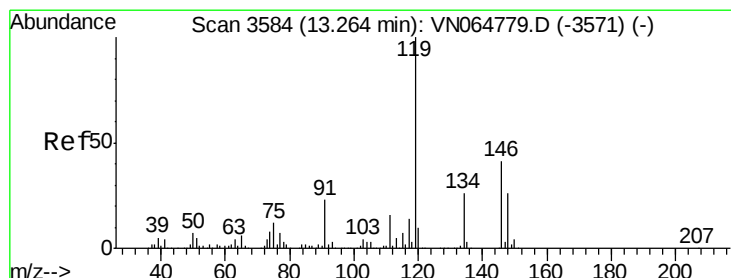
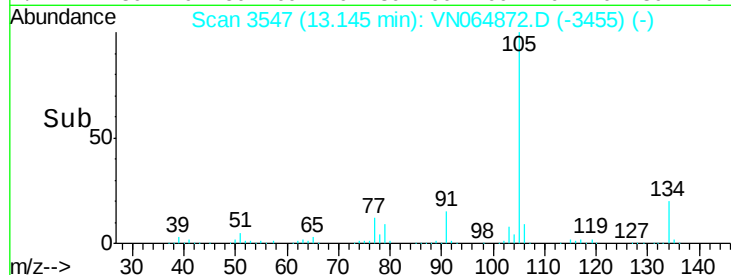
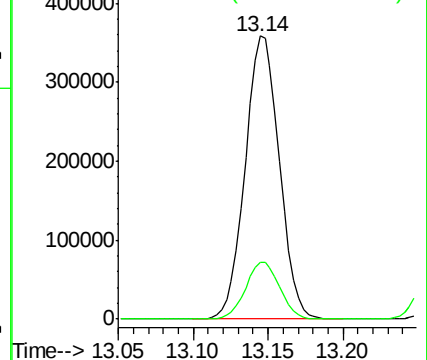
105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#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

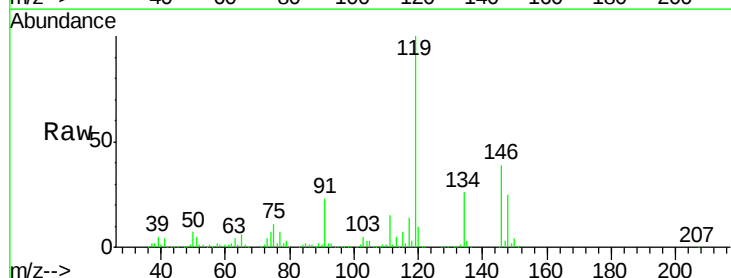
Tgt Ion:119 Resp: 532378

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

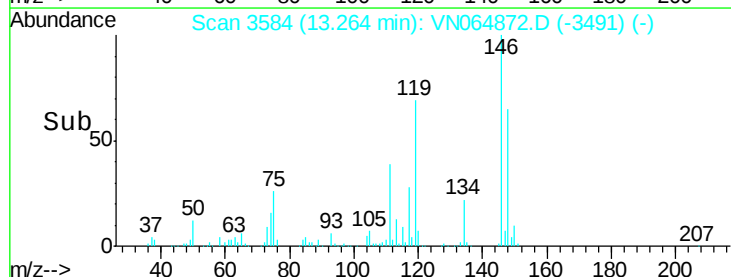
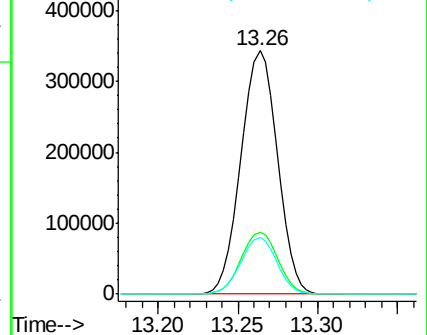
91 23.0 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

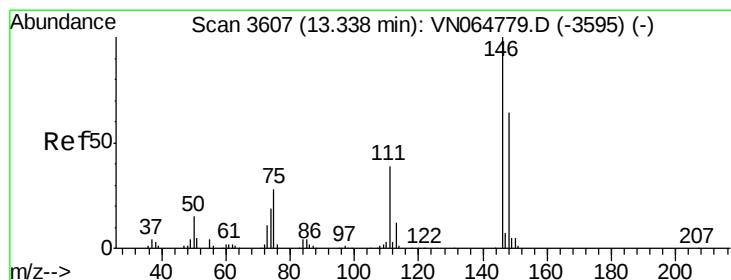
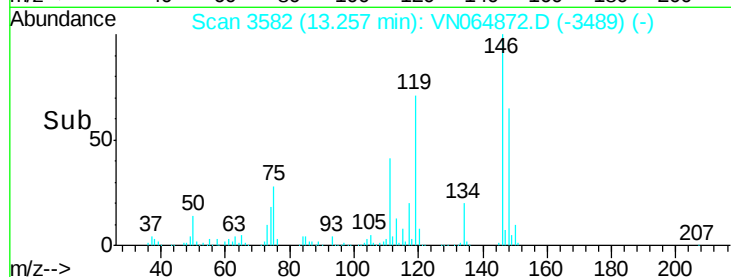
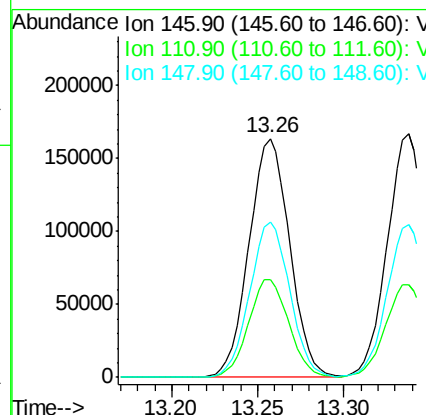
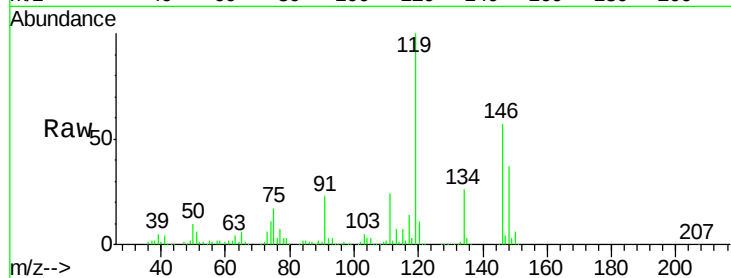




#87
 1,3-Dichlorobenzene
 Concen: 54.636 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

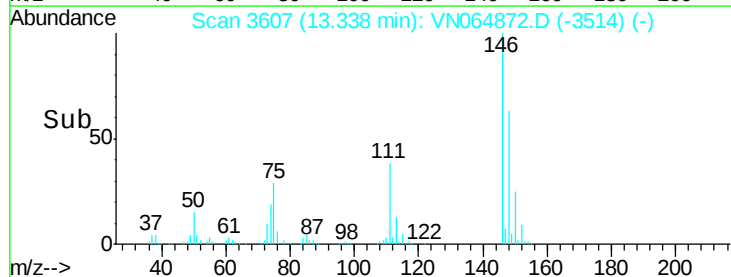
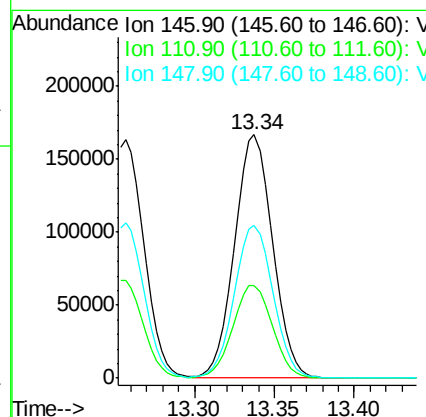
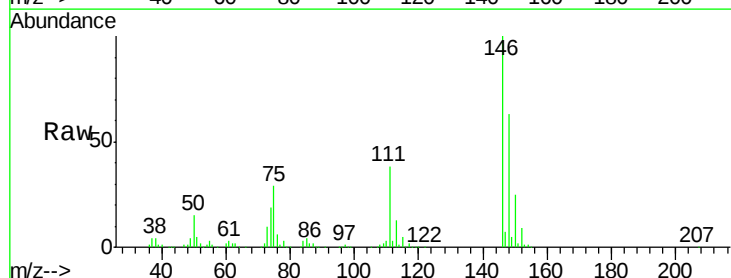
Instrument :
 MSVOA_N
 ClientSampleId :

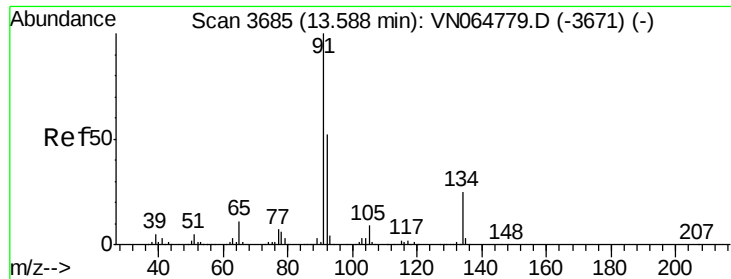
Tot Ion:146 Resp: 269053
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.6 61.9
 148 64.0 31.9 95.5



#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

ClientSampled :

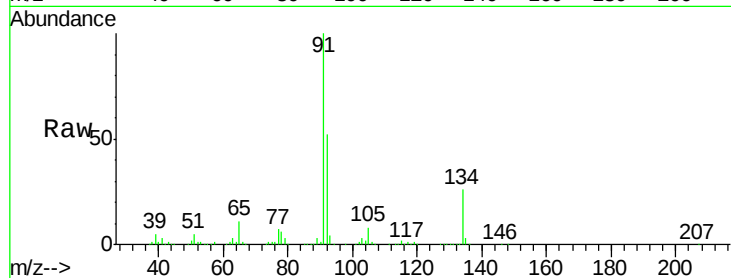
Tot Ion: 91 Resp: 466155

Ion Ratio Lower Upper

91 100

92 51.8 26.0 78.0

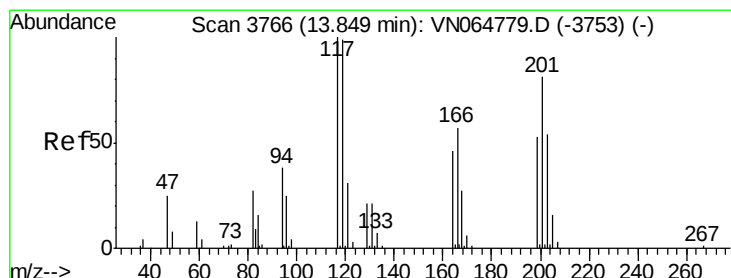
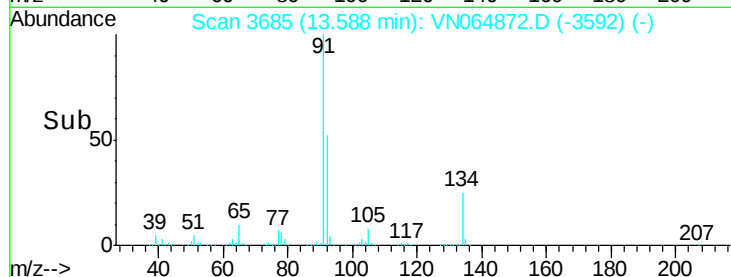
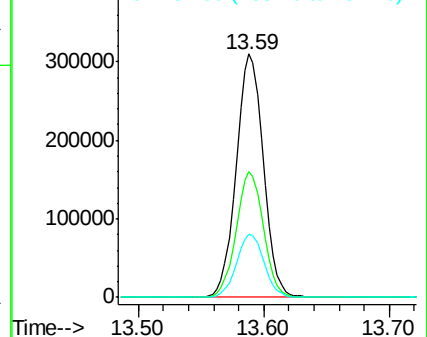
134 26.2 12.9 38.6



Abundance Ion 91.00 (90.70 to 91.70): VN064872.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN064872.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN064872.D (-3671) (-)



#90

Hexachloroethane

Concen: 58.427 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064872.D

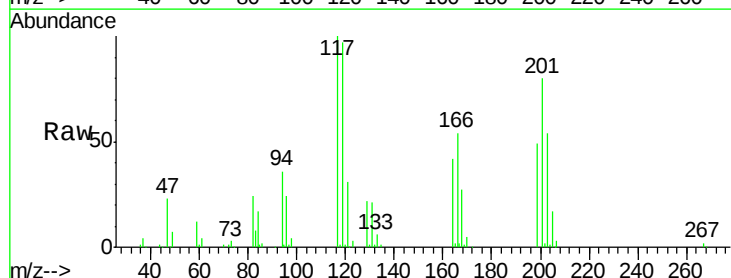
Acq: 30 Nov 2020 15:10

Tgt Ion: 117 Resp: 87884

Ion Ratio Lower Upper

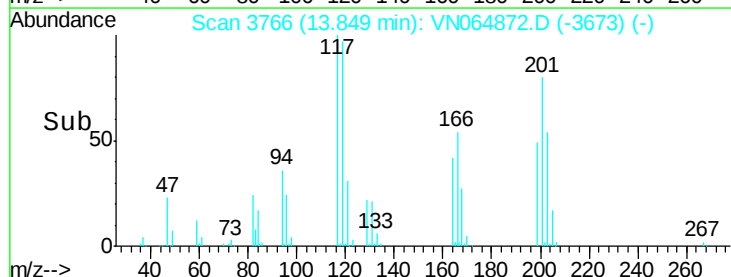
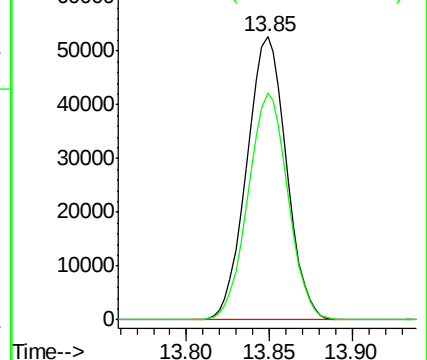
117 100

201 80.4 40.1 120.3



Abundance Ion 116.80 (116.50 to 117.50): VN064872.D (-3753) (-)

Ion 200.70 (200.40 to 201.40): VN064872.D (-3753) (-)

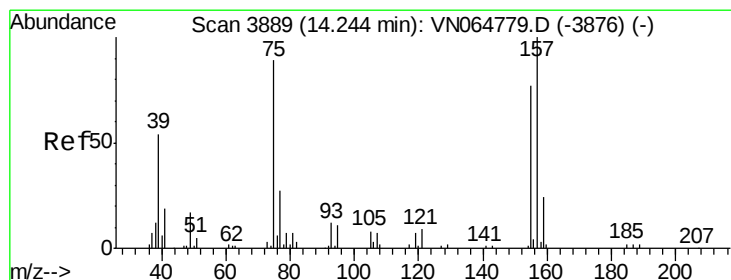
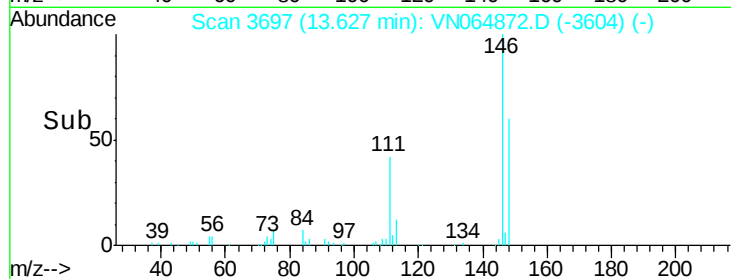
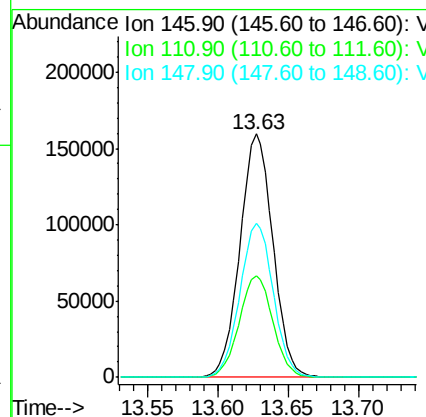
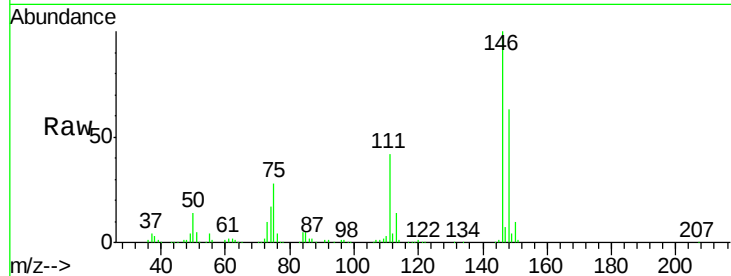




#91
 1,2-Dichlorobenzene
 Concen: 54.139 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

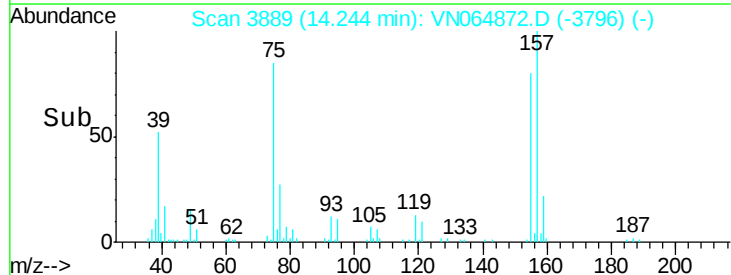
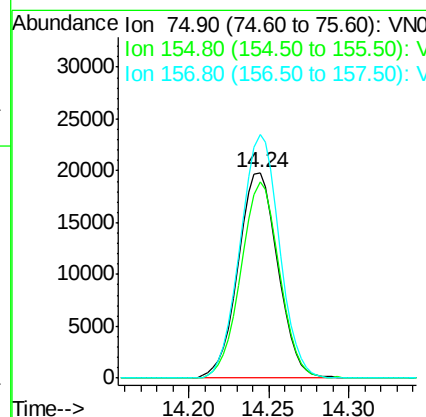
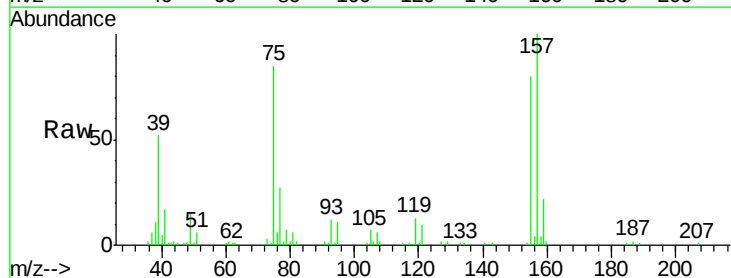
Instrument :
 MSVOA_N
 ClientSampleId :

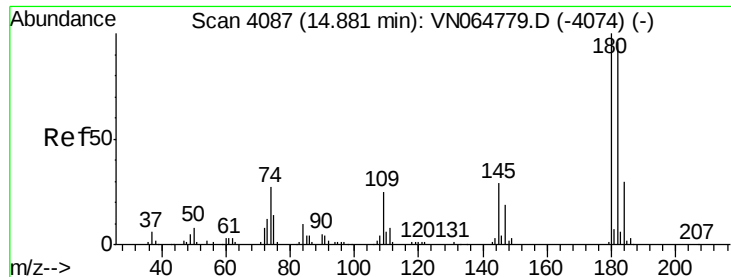
Tot Ion:146 Resp: 261778
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.1 63.1
 148 63.9 32.0 96.2



#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

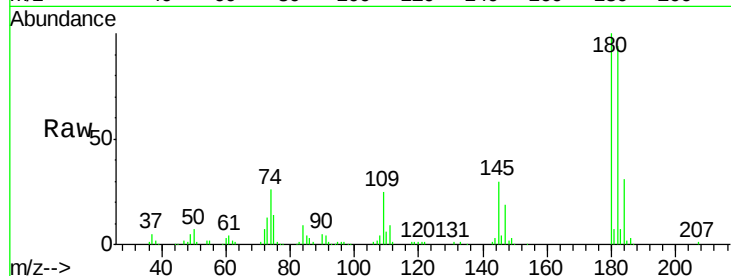




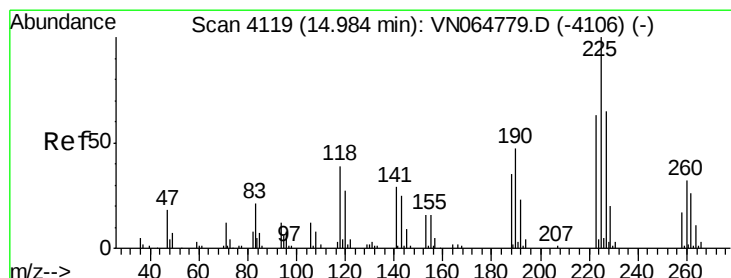
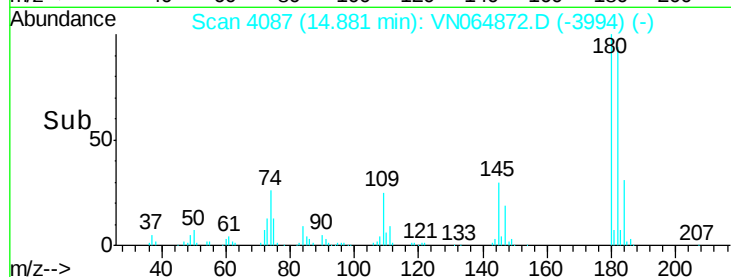
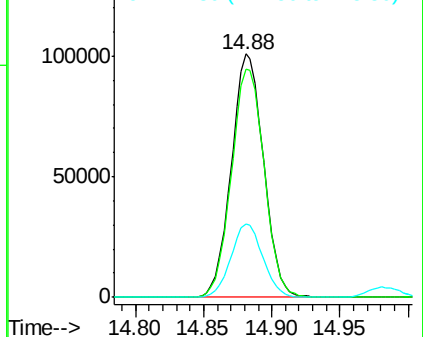
#93
 1,2,4-Trichlorobenzene
 Concen: 55.254 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Instrument :
 MSVOA_N
 ClientSampleId :

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

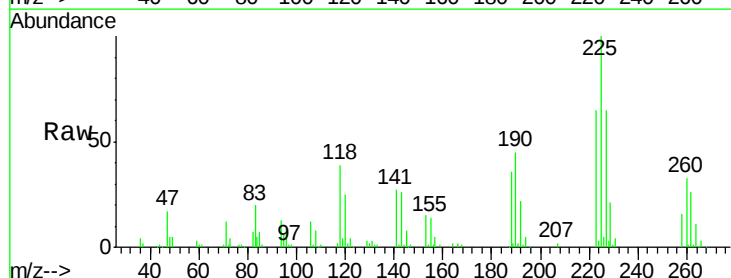


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

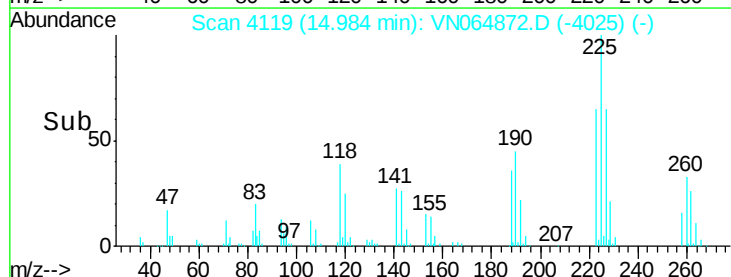
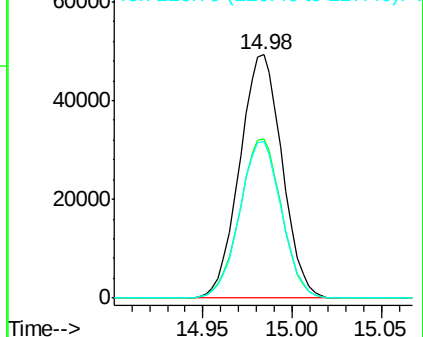


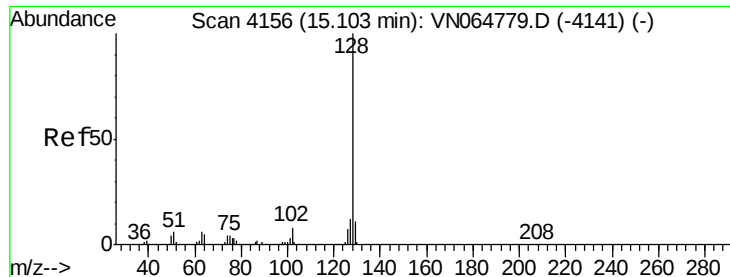
#94
 Hexachlorobutadiene
 Concen: 60.804 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

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



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





#95

Naphthalene

Concen: 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 :

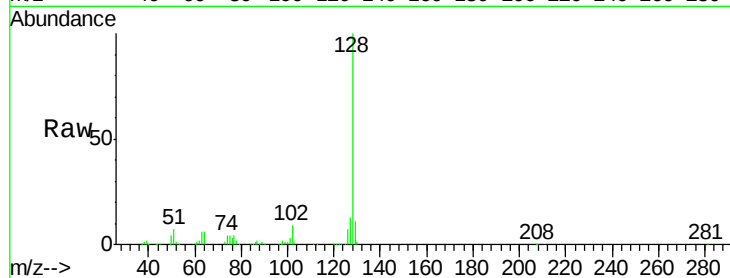
Tot Ion:128 Resp: 468375

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

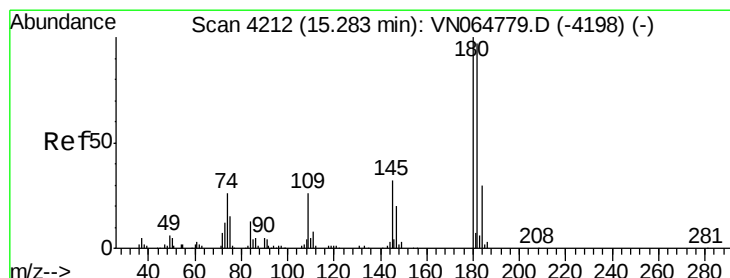
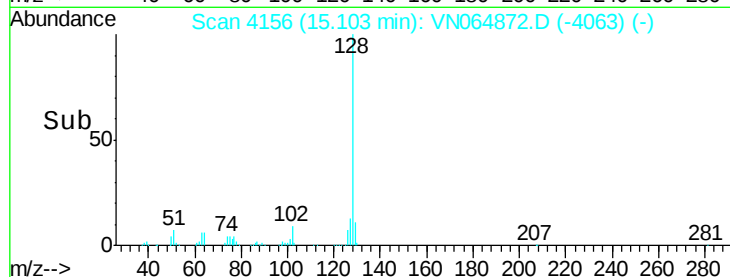
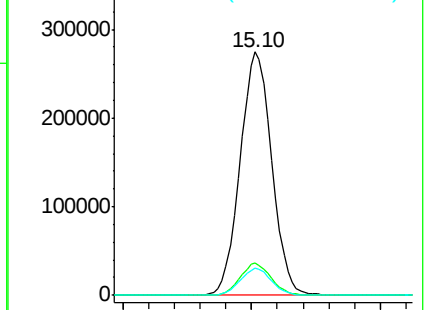
129 10.9 8.7 13.1



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

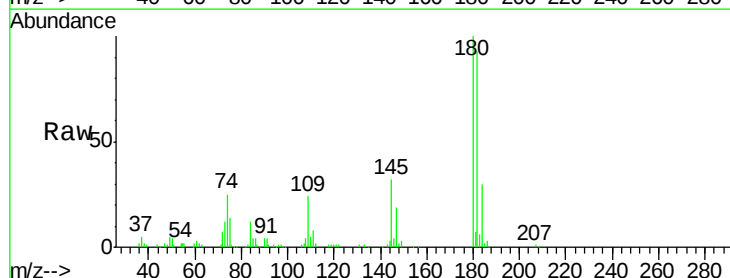
Tgt Ion:180 Resp: 157753

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

