

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
 Data File : VN064870.D
 Acq On : 30 Nov 2020 14:12
 Operator : JC/MD
 Sample : VN1130WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

Quant Time: Dec 01 01:22:41 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	195869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	308979	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	281704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136620	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.99	65	113185	49.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.42%	
35) Dibromofluoromethane		7.55	113	94705	51.22	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.44%	
50) Toluene-d8		10.06	98	362331	47.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.92%	
62) 4-Bromofluorobenzene		12.38	95	129005	47.72	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	28025	16.509	ug/l	98
3) Chloromethane	2.04	50	35738	16.201	ug/l	97
4) Vinyl Chloride	2.16	62	37780	16.427	ug/l	96
5) Bromomethane	2.53	94	25215	16.711	ug/l	94
6) Chloroethane	2.67	64	23450	16.485	ug/l	92
7) Trichlorofluoromethane	2.99	101	54266	17.069	ug/l	94
8) Diethyl Ether	3.37	74	22274	17.750	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34530	18.106	ug/l	99
10) Methyl Iodide	3.90	142	38922	15.734	ug/l	97
11) Tert butyl alcohol	4.75	59	31694	89.249	ug/l #	93
12) 1,1-Dichloroethene	3.69	96	32928	17.336	ug/l	97
13) Acrolein	3.57	56	18549	85.513	ug/l	99
14) Allyl chloride	4.27	41	55079	17.582	ug/l	97
15) Acrylonitrile	4.94	53	92856	94.652	ug/l	99
16) Acetone	3.78	43	71140	95.037	ug/l	92
17) Carbon Disulfide	4.01	76	82898	16.907	ug/l	100
18) Methyl Acetate	4.28	43	42674	18.961	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	113414	18.618	ug/l	99
20) Methylene Chloride	4.50	84	39869	16.997	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	36375	17.246	ug/l	97
22) Diisopropyl ether	5.91	45	118755	18.939	ug/l	97
23) Vinyl Acetate	5.85	43	465125	92.762	ug/l	100
24) 1,1-Dichloroethane	5.79	63	68634	18.315	ug/l	98
25) 2-Butanone	6.79	43	116212	95.771	ug/l	98
26) 2,2-Dichloropropane	6.78	77	55181	16.978	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	42567	17.935	ug/l	99
28) Bromochloromethane	7.15	49	32419	18.911	ug/l	99
29) Tetrahydrofuran	7.17	42	77344	92.337	ug/l	99
30) Chloroform	7.33	83	70526	18.250	ug/l	100
31) Cyclohexane	7.61	56	54346	17.124	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	57712	17.388	ug/l	99
36) 1,1-Dichloropropene	7.75	75	48906	17.077	ug/l	99
37) Ethyl Acetate	6.88	43	49522	17.951	ug/l	97
38) Carbon Tetrachloride	7.73	117	51809	17.386	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	54963	17.828	ug/l	98
40) Benzene	8.00	78	155926	17.767	ug/l	99
41) Methacrylonitrile	7.13	41	23550	18.501	ug/l	89
42) 1,2-Dichloroethane	8.09	62	52884	17.863	ug/l	99
43) Isopropyl Acetate	8.13	43	79086	17.816	ug/l	99
44) Trichloroethene	8.80	130	46295	17.879	ug/l	99
45) 1,2-Dichloropropane	9.08	63	42583	18.737	ug/l	99
46) Dibromomethane	9.17	93	27871	18.356	ug/l	98
47) Bromodichloromethane	9.37	83	55133	18.046	ug/l	98
48) Methyl methacrylate	9.17	41	38518	18.159	ug/l	100
49) 1,4-Dioxane	9.17	88	14250	355.444	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	247071	92.709	ug/l	100
52) Toluene	10.12	92	96629	17.879	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	59992	17.631	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	64536	17.694	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	40234	18.103	ug/l	98
56) Ethyl methacrylate	10.40	69	55719	18.168	ug/l	100
57) 1,3-Dichloropropane	10.68	76	66570	18.158	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	157997	93.655	ug/l	99
59) 2-Hexanone	10.72	43	177695	92.647	ug/l	100
60) Dibromochloromethane	10.87	129	43663	17.674	ug/l	100
61) 1,2-Dibromoethane	10.98	107	42436	18.794	ug/l	99
64) Tetrachloroethene	10.60	164	52387	19.114	ug/l	97
65) Chlorobenzene	11.41	112	106240	17.562	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	39425	17.733	ug/l	98
67) Ethyl Benzene	11.48	91	179377	17.749	ug/l	98
68) m/p-Xylenes	11.59	106	139385	36.429	ug/l	98
69) o-Xylene	11.92	106	64961	17.891	ug/l	96
70) Styrene	11.94	104	112310	18.323	ug/l	98
71) Bromoform	12.10	173	30806	17.349	ug/l #	98
73) Isopropylbenzene	12.22	105	175607	18.479	ug/l	99
74) N-amyl acetate	12.04	43	65933	17.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	47887	17.193	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	74427	25.296	ug/l #	100
77) Bromobenzene	12.50	156	46041	17.971	ug/l	100
78) n-propylbenzene	12.57	91	198753	18.359	ug/l	100
79) 2-Chlorotoluene	12.65	91	122468	18.301	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	151145	19.135	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	17704	16.492	ug/l	91
82) 4-Chlorotoluene	12.75	91	129651	18.484	ug/l	99
83) tert-Butylbenzene	12.97	119	123049	18.586	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	150569	18.854	ug/l	100
85) sec-Butylbenzene	13.15	105	165154	18.788	ug/l	98
86) p-Isopropyltoluene	13.26	119	153809	19.219	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	83392	18.321	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	81540	16.939	ug/l	97
89) n-Butylbenzene	13.59	91	129110	18.370	ug/l	99
90) Hexachloroethane	13.85	117	25987	18.692	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	80621	18.039	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10548	16.830	ug/l	98

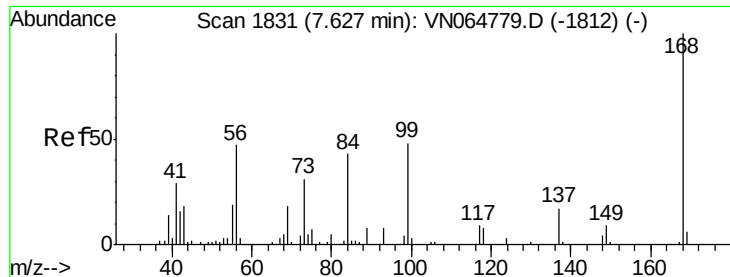
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47873	17.315	ug/l	100
94) Hexachlorobutadiene	14.98	225	23640	19.219	ug/l	97
95) Naphthalene	15.10	128	136257	16.450	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	45799	18.338	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

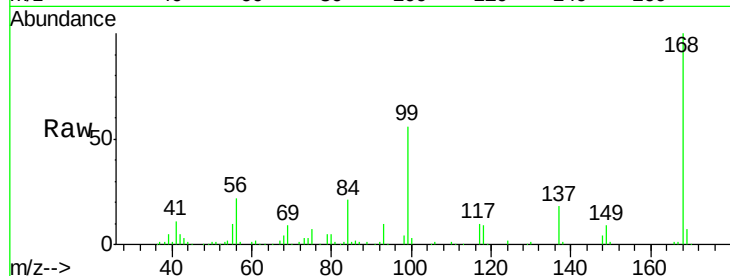
VN1130WBSD01

Tot Ion:168 Resp: 195869

Ion Ratio Lower Upper

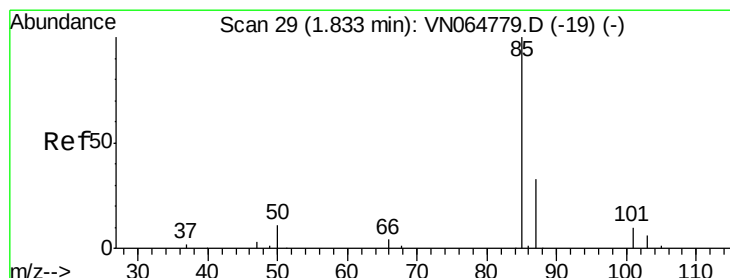
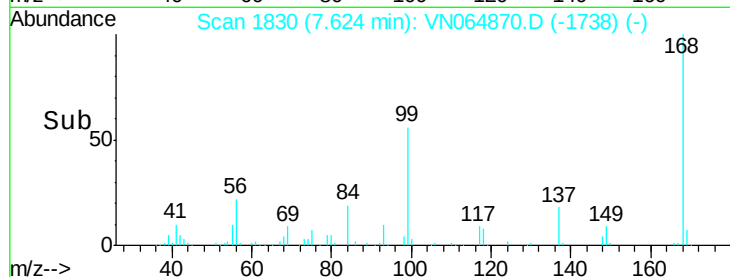
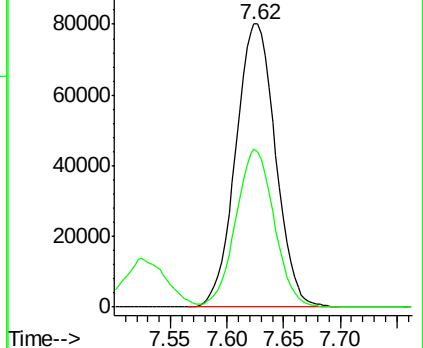
168 100

99 55.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 16.509 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064870.D

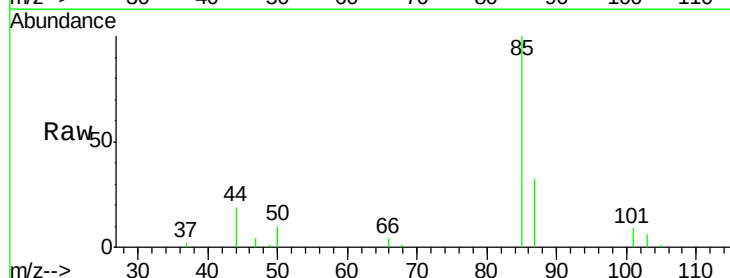
Acq: 30 Nov 2020 14:12

Tgt Ion: 85 Resp: 28025

Ion Ratio Lower Upper

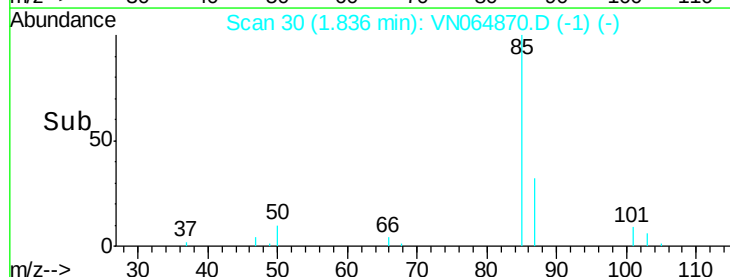
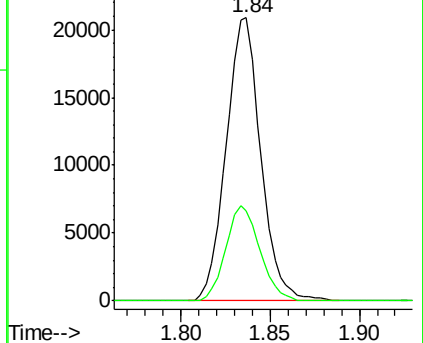
85 100

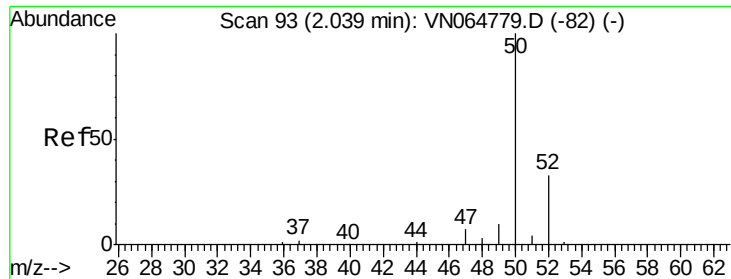
87 31.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 16.201 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

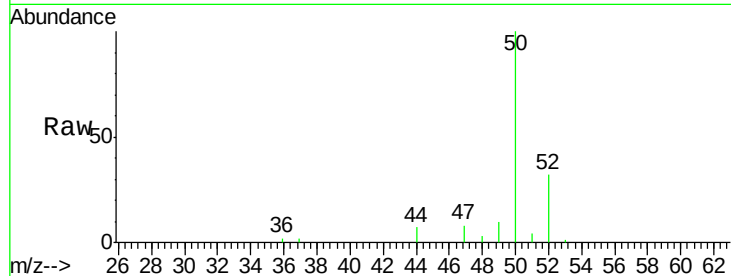
VN1130WBSD01

Tot Ion: 50 Resp: 35738

Ion Ratio Lower Upper

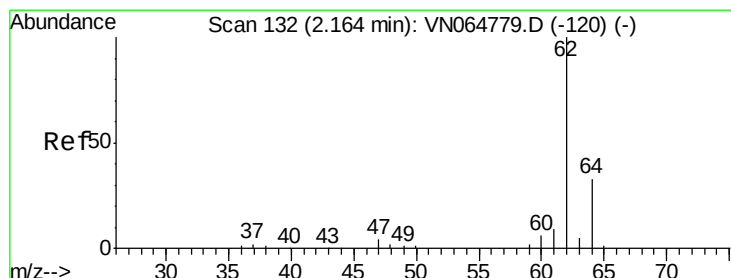
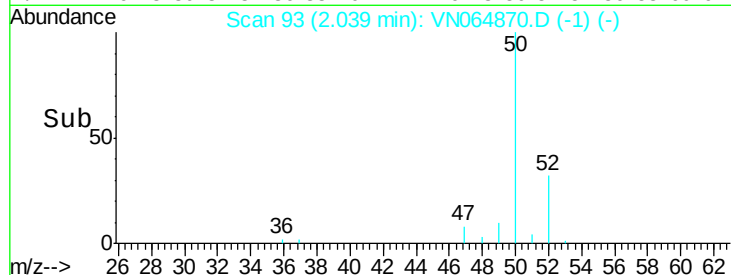
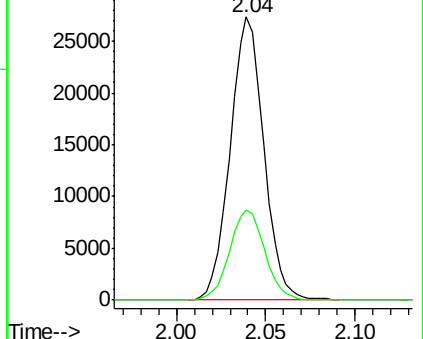
50 100

52 31.7 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: 16.427 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064870.D

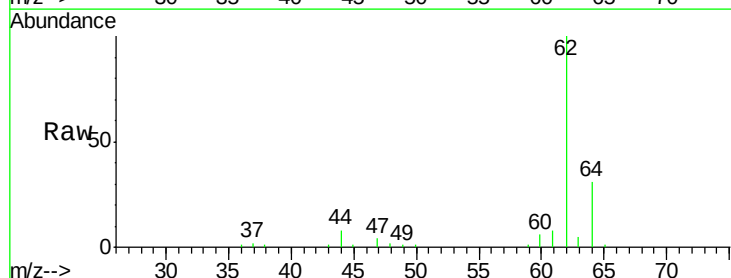
Acq: 30 Nov 2020 14:12

Tgt Ion: 62 Resp: 37780

Ion Ratio Lower Upper

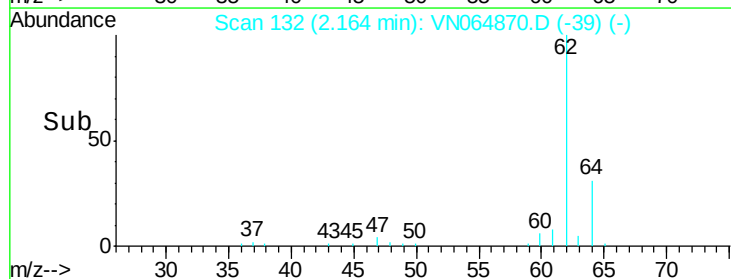
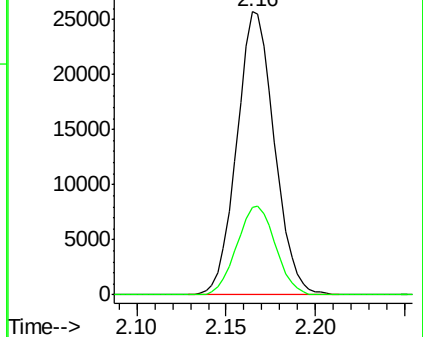
62 100

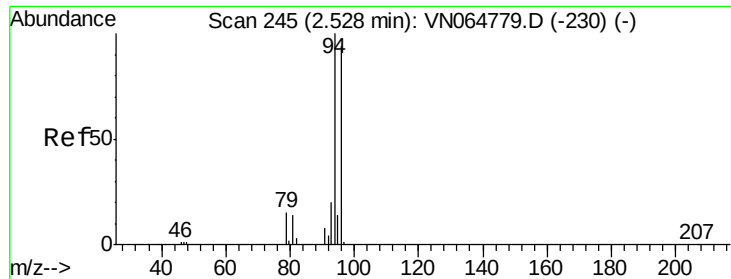
64 30.7 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 16.711 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

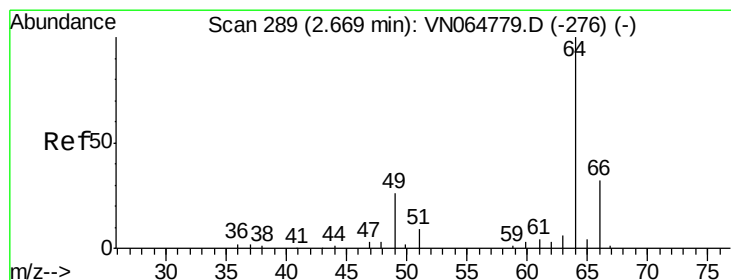
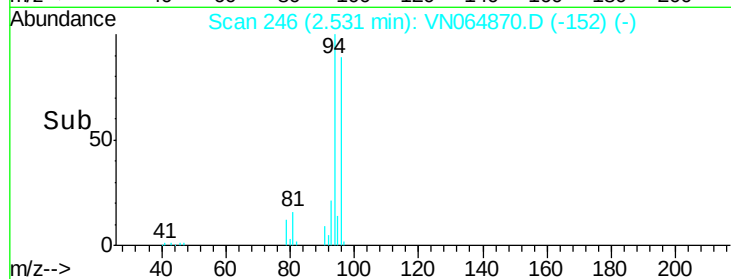
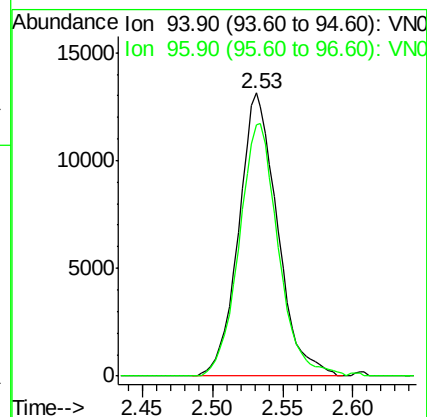
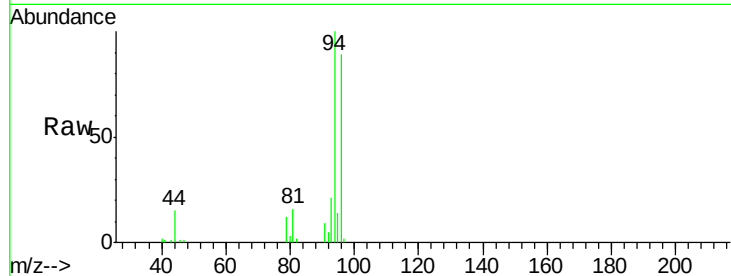
VN1130WBSD01

Tot Ion: 94 Resp: 25215

Ion Ratio Lower Upper

94 100

96 88.6 75.4 113.0



#6

Chloroethane

Concen: 16.485 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064870.D

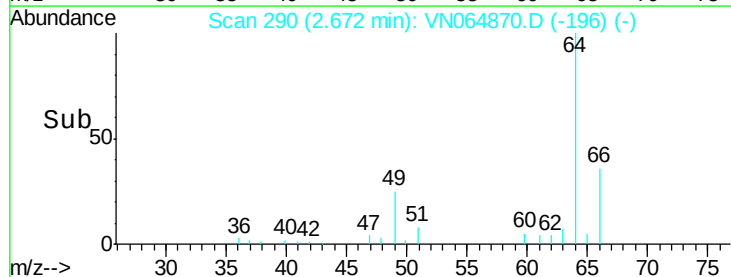
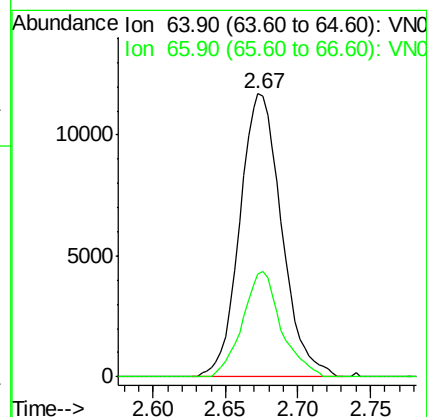
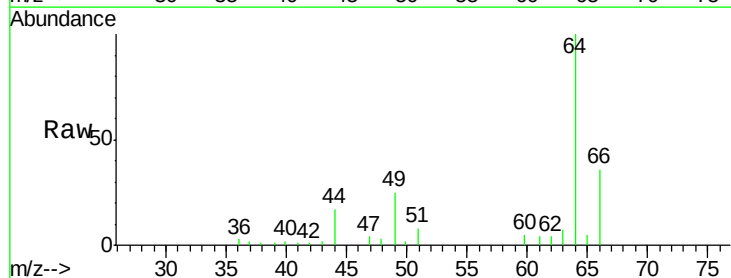
Acq: 30 Nov 2020 14:12

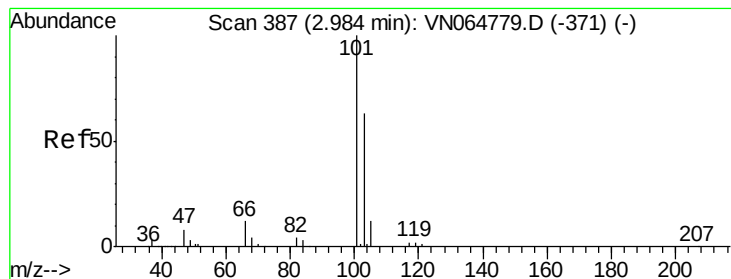
Tgt Ion: 64 Resp: 23450

Ion Ratio Lower Upper

64 100

66 36.4 25.6 38.4



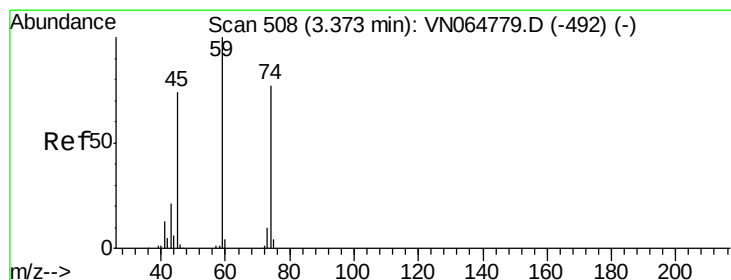
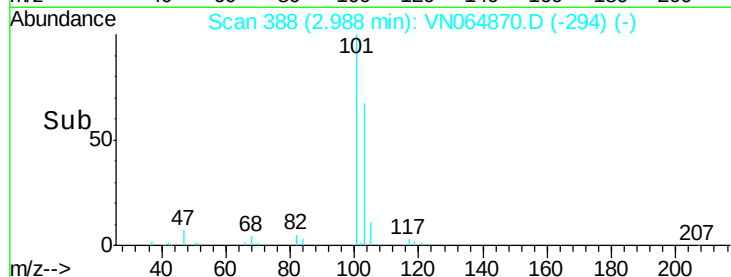
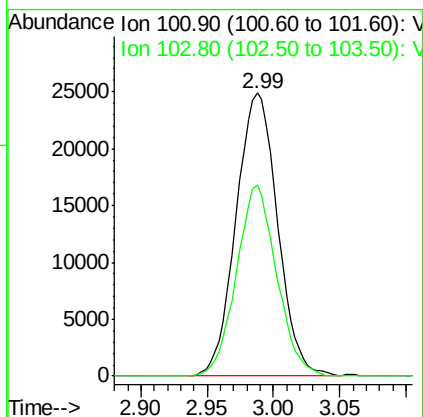
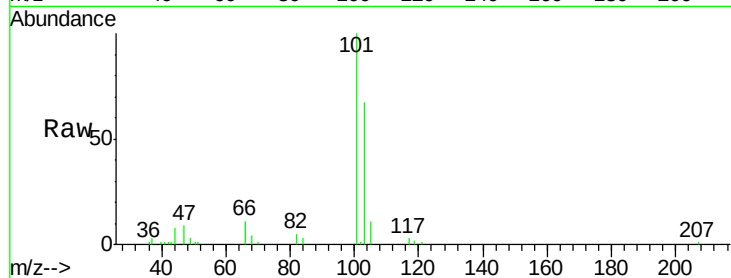


#7

Trichlorofluoromethane
 Concen: 17.069 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

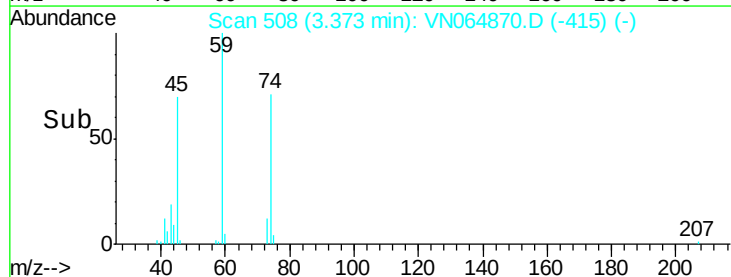
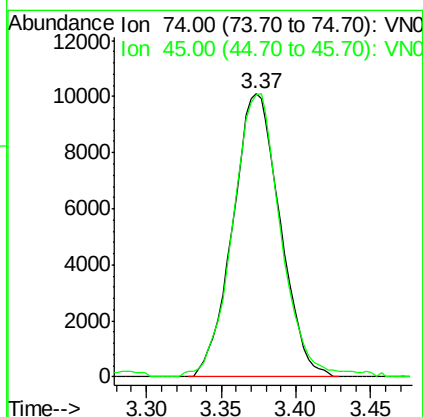
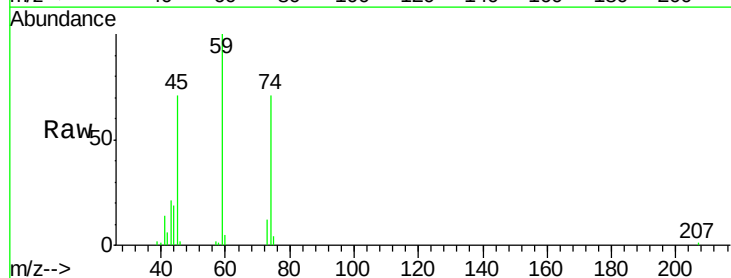
Tot Ion:101 Resp: 54266
 Ion Ratio Lower Upper
 101 100
 103 67.4 50.5 75.7

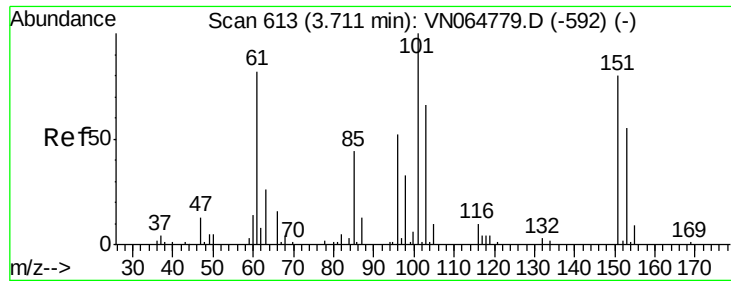


#8

Diethyl Ether
 Concen: 17.750 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion: 74 Resp: 22274
 Ion Ratio Lower Upper
 74 100
 45 101.2 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.106 ug/l

RT: 3.71 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

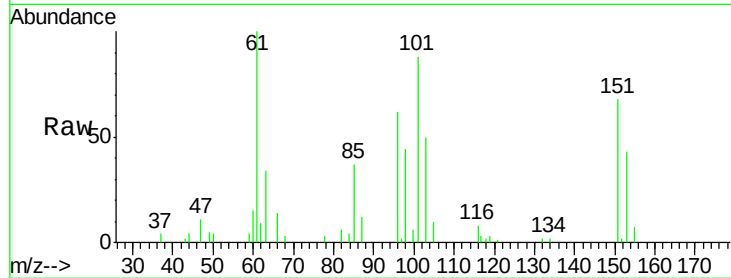
Tot Ion:101 Resp: 34530

Ion Ratio Lower Upper

101 100

85 41.8 34.4 51.6

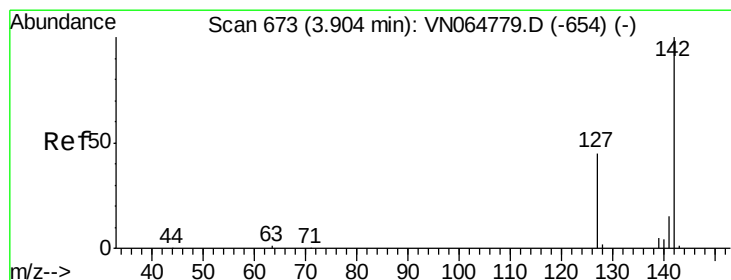
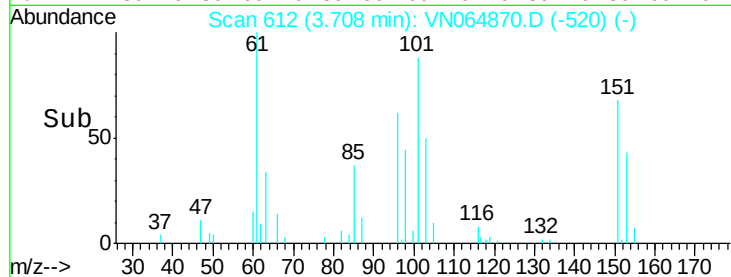
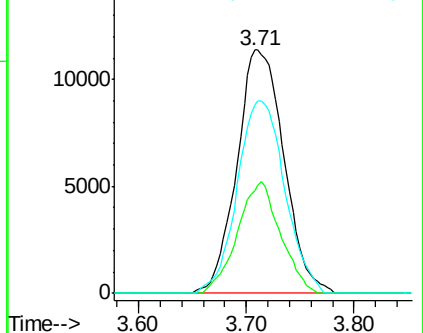
151 79.9 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.734 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

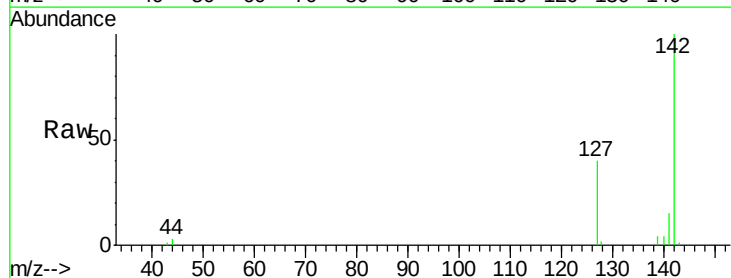
Tgt Ion:142 Resp: 38922

Ion Ratio Lower Upper

142 100

127 41.6 35.0 52.6

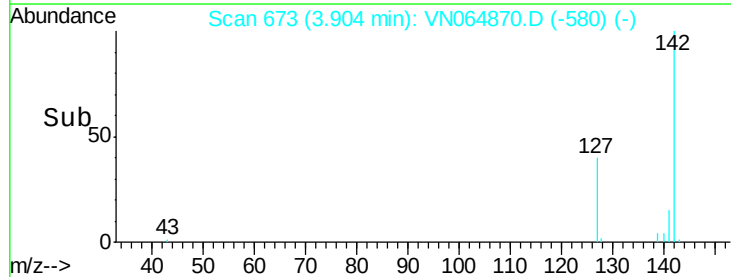
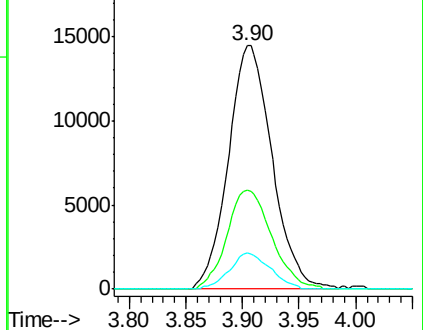
141 13.9 11.8 17.6

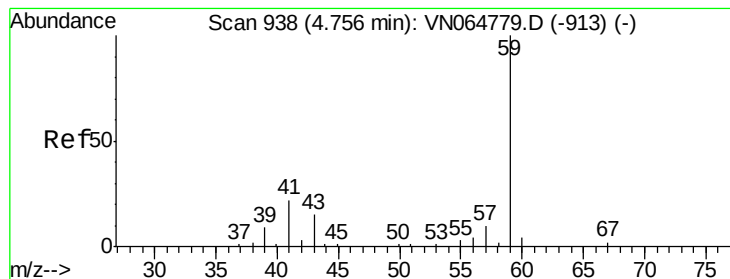


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 89.249 ug/l

RT: 4.75 min Scan# 935

Delta R.T. -0.01 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

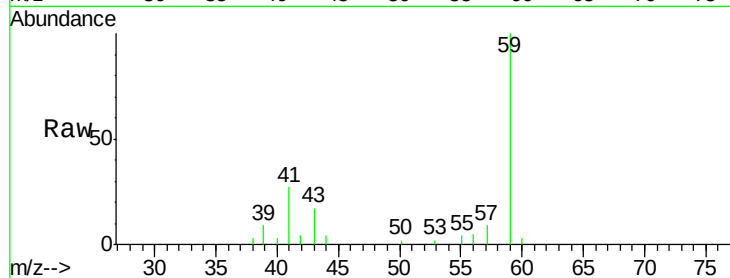
VN1130WBSD01

Tot Ion: 59 Resp: 31694

Ion Ratio Lower Upper

59 100

57 7.5 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.75

10000

8000

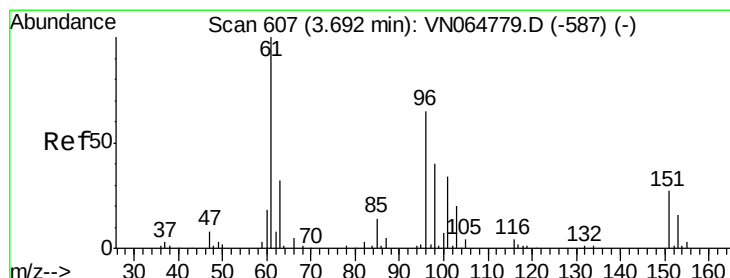
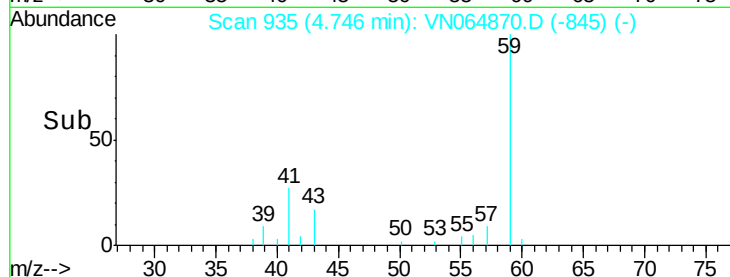
6000

4000

2000

0

Time--> 4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 17.336 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

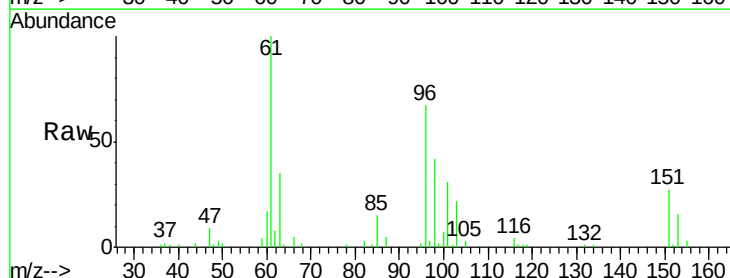
Tgt Ion: 96 Resp: 32928

Ion Ratio Lower Upper

96 100

61 148.9 123.4 185.2

98 62.9 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

25000

20000

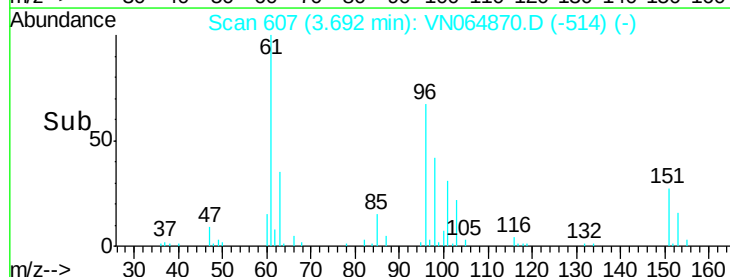
15000

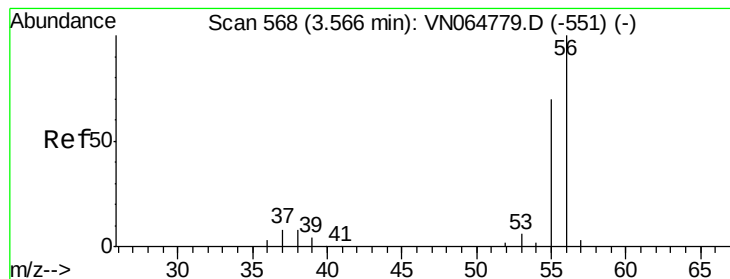
10000

5000

0

Time--> 3.60 3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 85.513 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

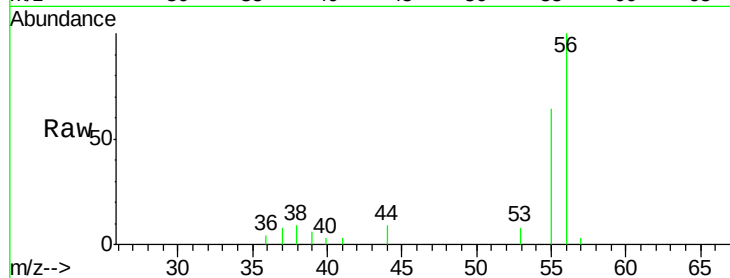
VN1130WBSD01

Tot Ion: 56 Resp: 18549

Ion Ratio Lower Upper

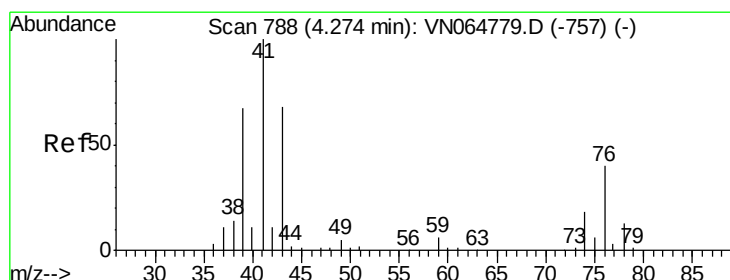
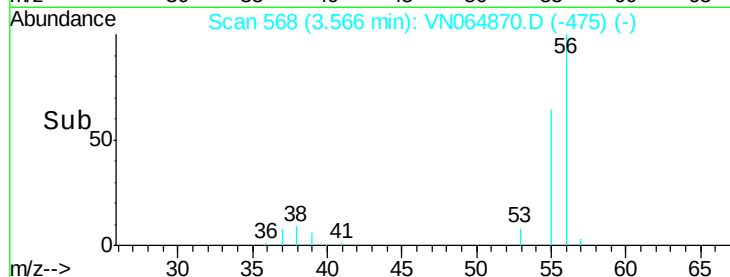
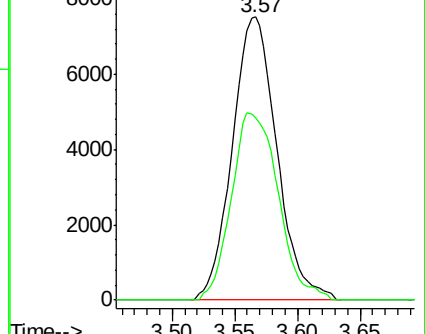
56 100

55 69.5 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: 17.582 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

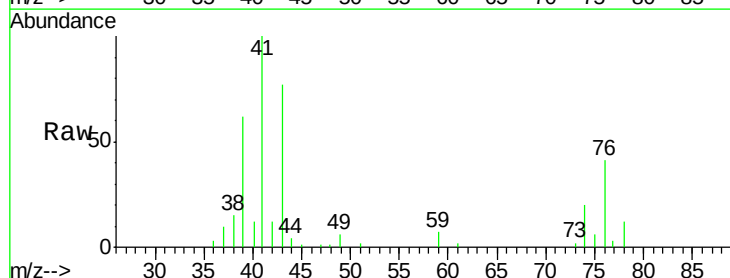
Tgt Ion: 41 Resp: 55079

Ion Ratio Lower Upper

41 100

39 60.6 50.9 76.3

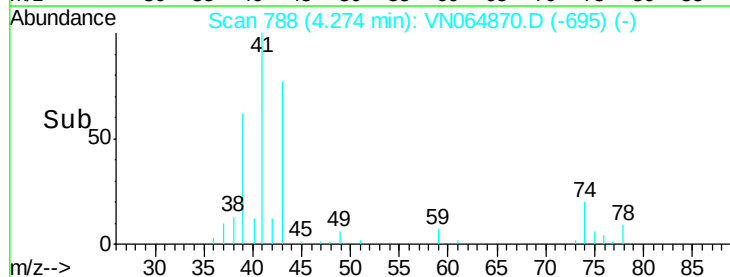
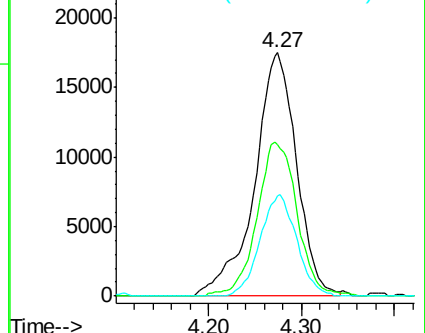
76 36.4 29.0 43.4

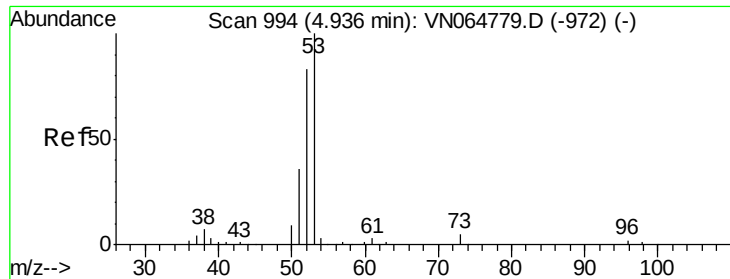


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

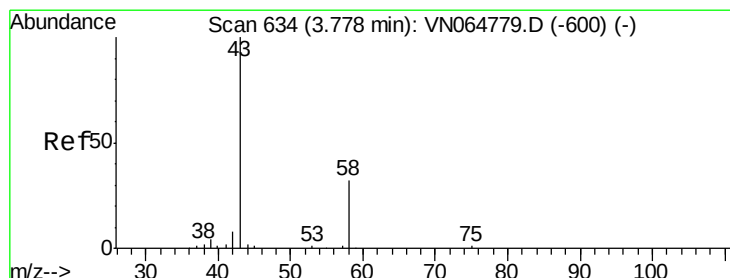
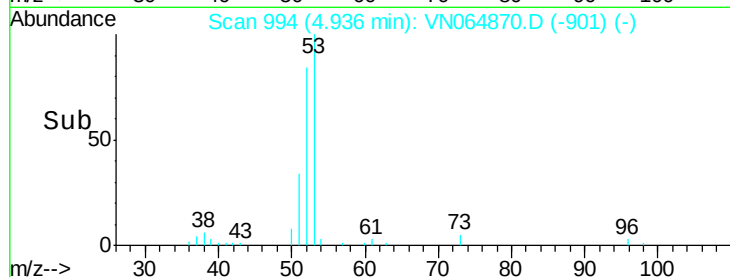
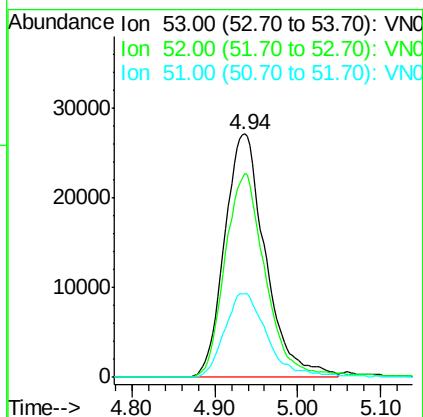
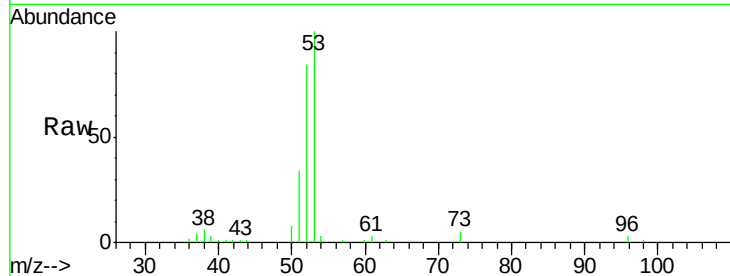




#15
 Acrylonitrile
 Concen: 94.652 ug/l
 RT: 4.94 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

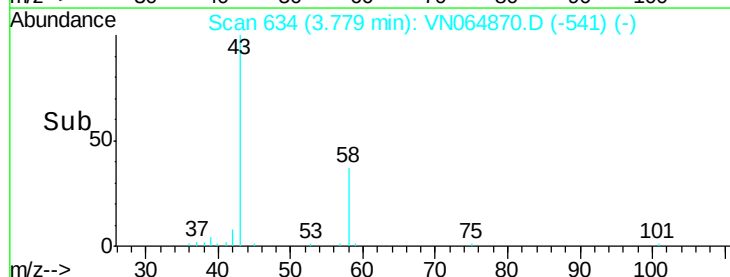
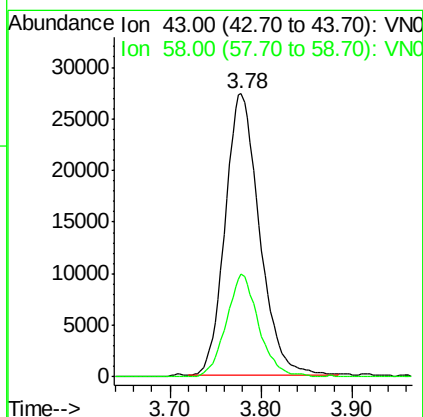
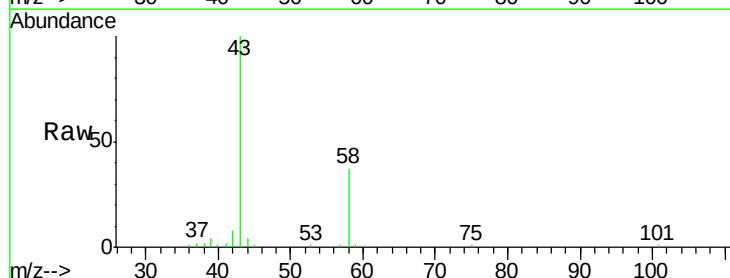
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

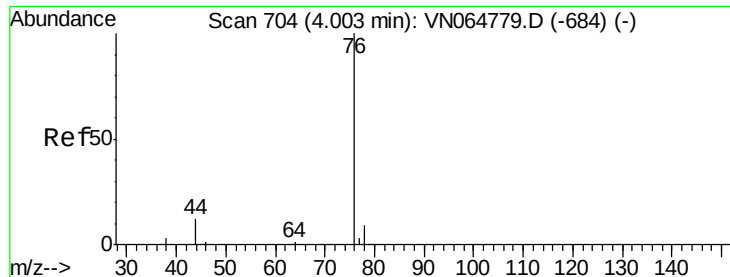
Tot Ion	53	Resp	92856
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.5	98.3
51	35.6	28.6	43.0



#16
 Acetone
 Concen: 95.037 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion	43	Resp	71140
Ion	Ratio	Lower	Upper
43	100		
58	36.8	25.7	38.5





#17

Carbon Disulfide

Concen: 16.907 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

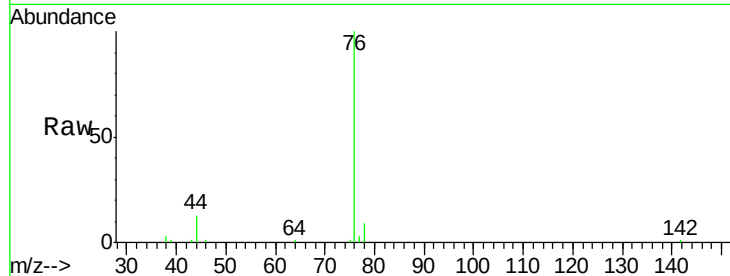
VN1130WBSD01

Tot Ion: 76 Resp: 82898

Ion Ratio Lower Upper

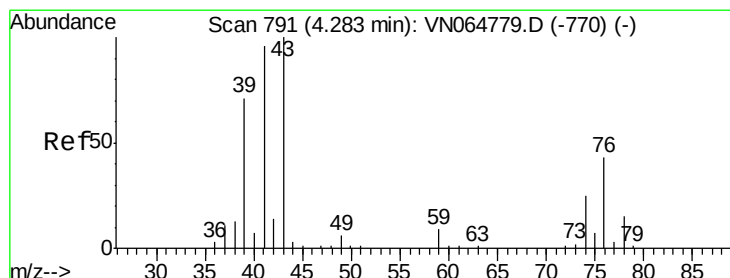
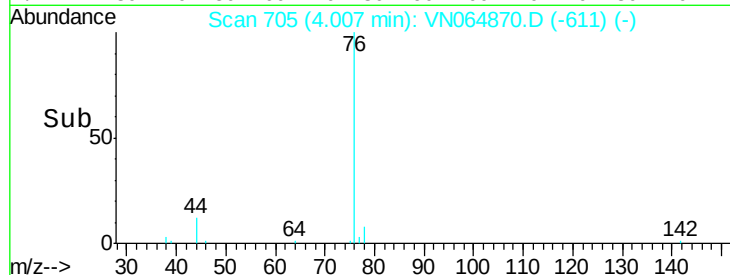
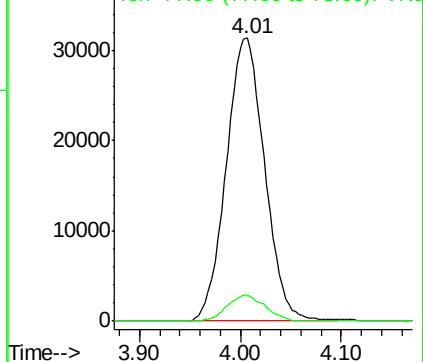
76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.961 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064870.D

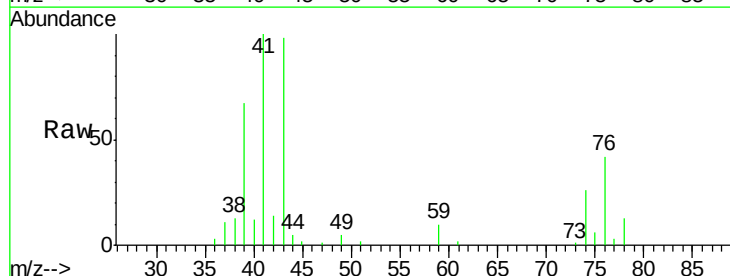
Acq: 30 Nov 2020 14:12

Tgt Ion: 43 Resp: 42674

Ion Ratio Lower Upper

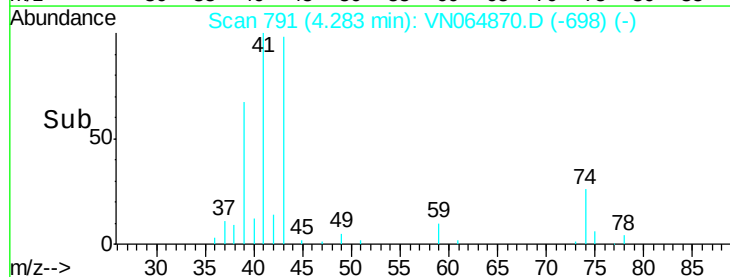
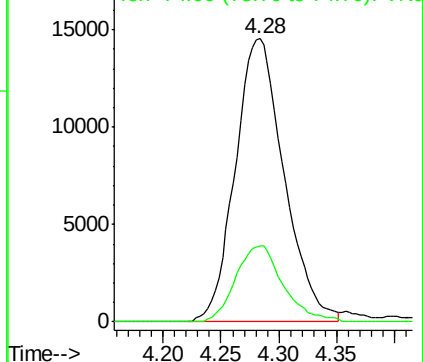
43 100

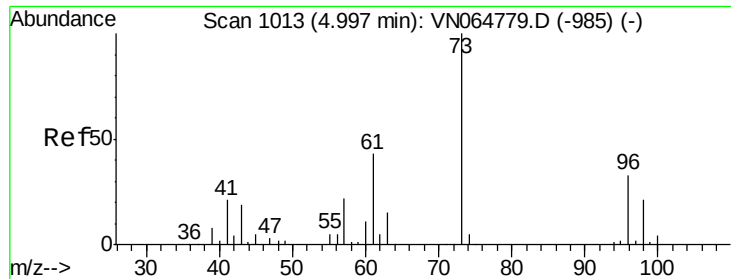
74 26.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

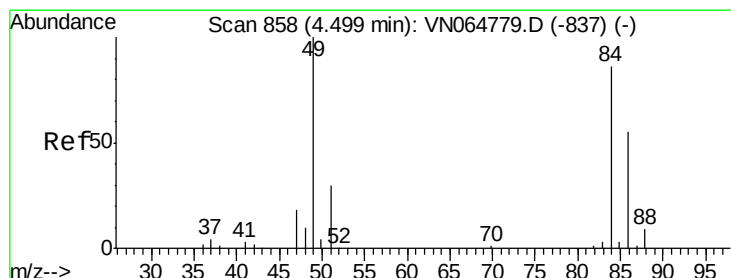
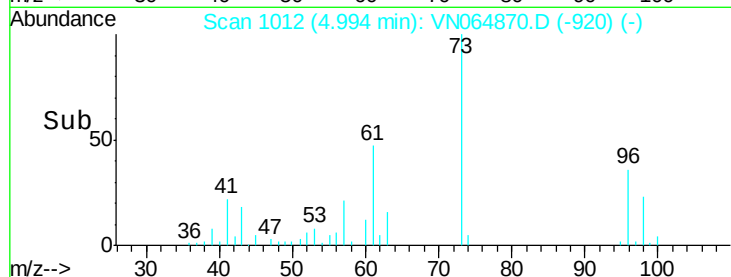
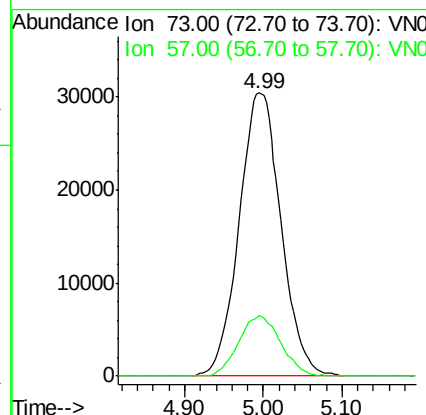
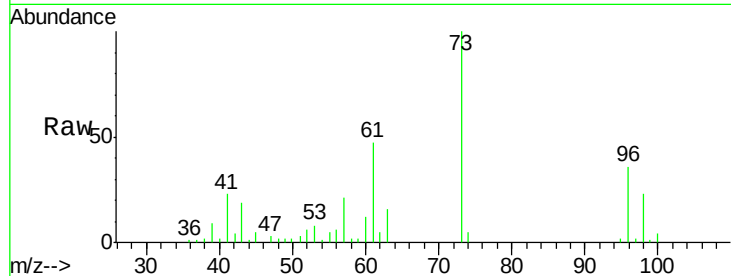




#19
Methvl tert-butvl Ether
Concen: 18.618 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

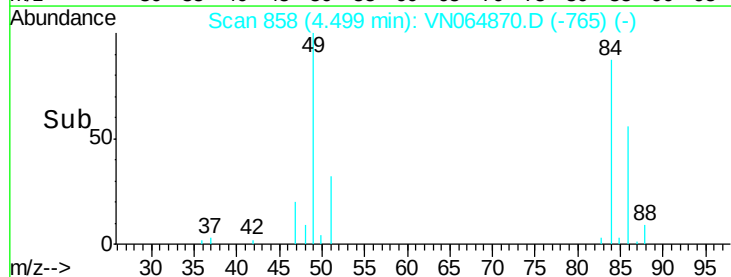
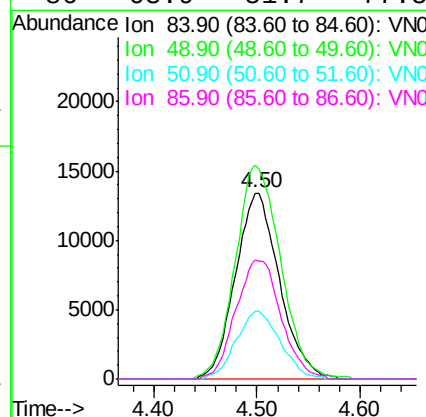
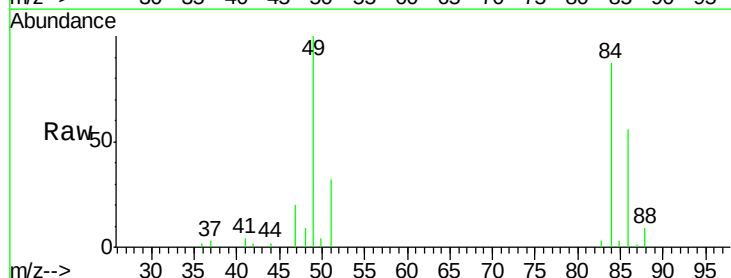
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

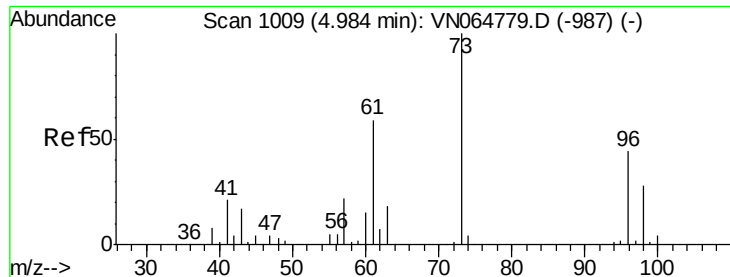
Tot Ion: 73 Resp: 113414
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0



#20
Methylene Chloride
Concen: 16.997 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 84 Resp: 39869
Ion Ratio Lower Upper
84 100
49 114.8 93.4 140.0
51 36.5 28.2 42.4
86 63.9 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 17.246 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

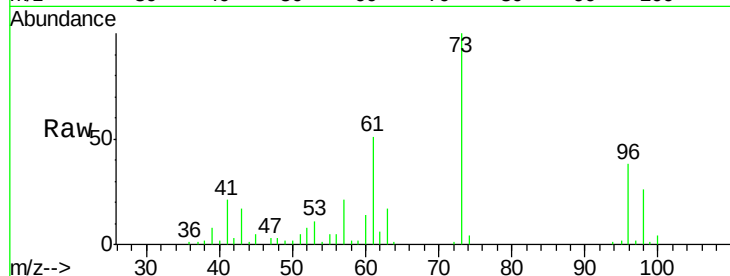
Tot Ion: 96 Resp: 36375

Ion Ratio Lower Upper

96 100

61 133.7 108.4 162.6

98 69.2 51.3 76.9

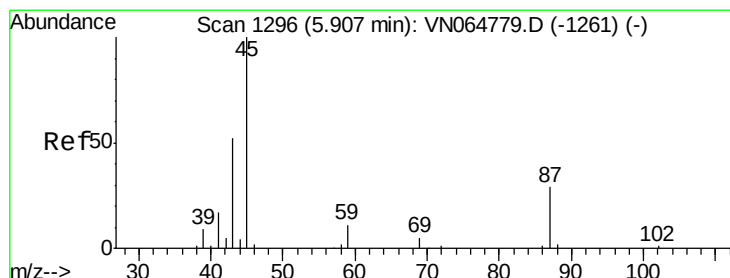
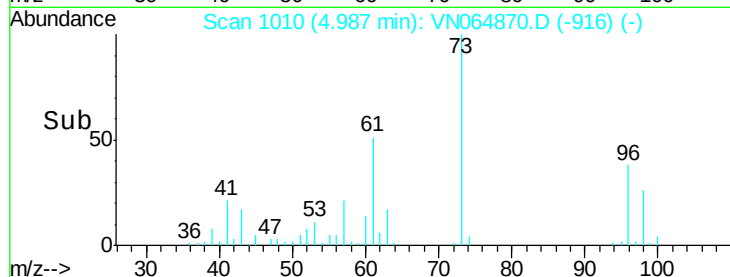
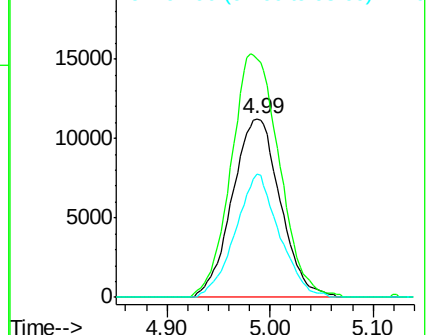


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.939 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Tgt Ion: 45 Resp: 118755

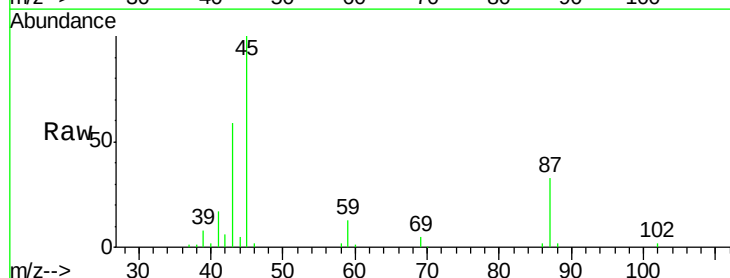
Ion Ratio Lower Upper

45 100

43 56.7 46.2 69.2

87 33.4 24.1 36.1

59 12.5 9.0 13.4



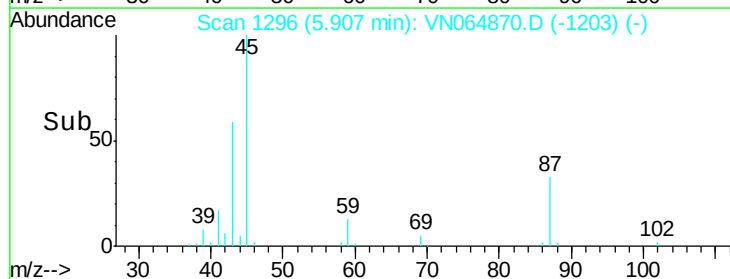
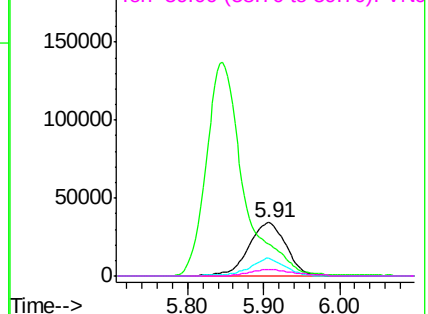
Abundance

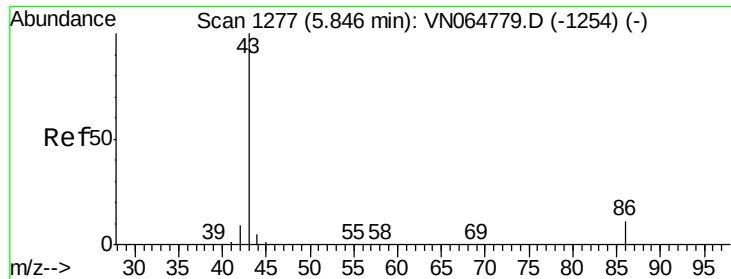
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 92.762 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

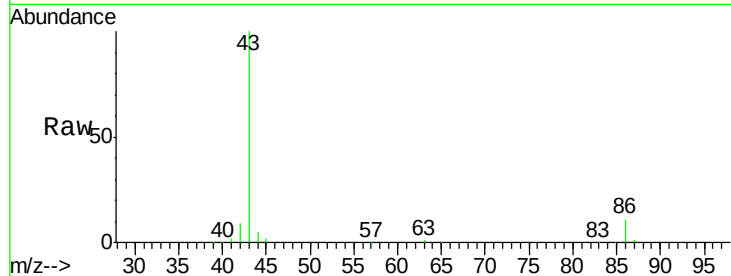
VN1130WBSD01

Tot Ion: 43 Resp: 465125

Ion Ratio Lower Upper

43 100

86 11.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064870.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064870.D (-1184) (-)

5.85

150000

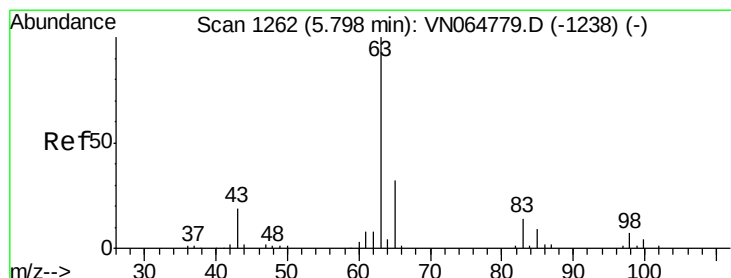
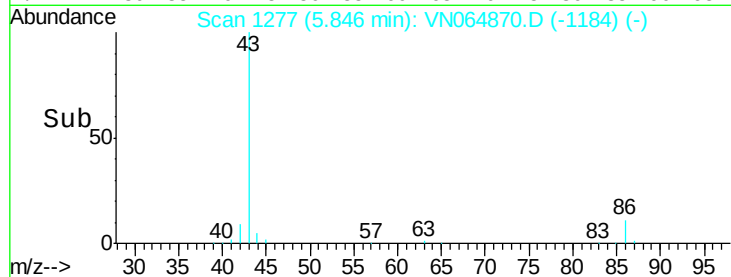
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.315 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

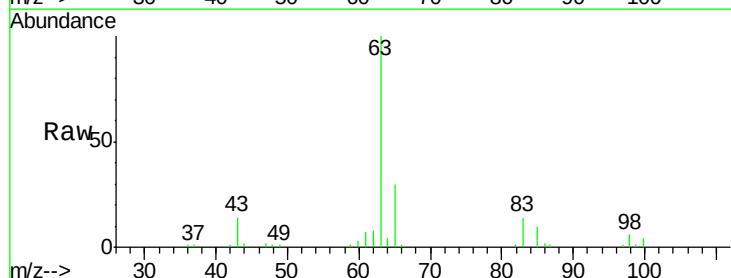
Tgt Ion: 63 Resp: 68634

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.5

100 4.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064870.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064870.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064870.D (-1169) (-)

5.79

30000

25000

20000

15000

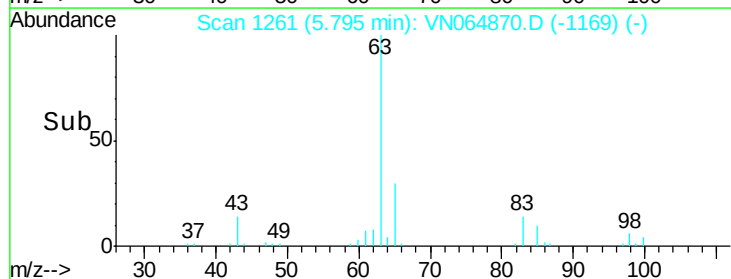
10000

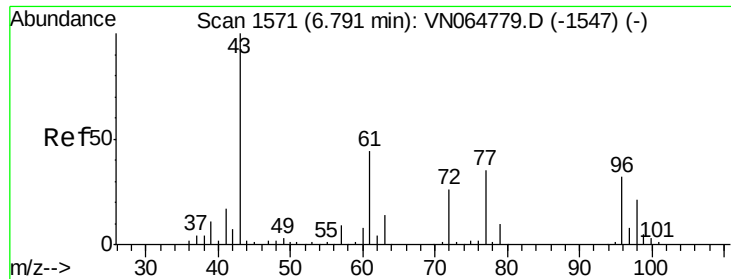
5000

0

5.70 5.80 5.90

Time-->

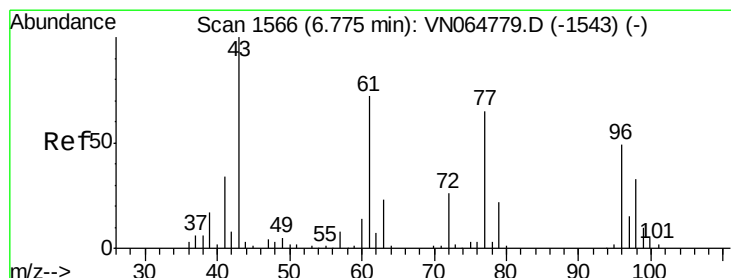
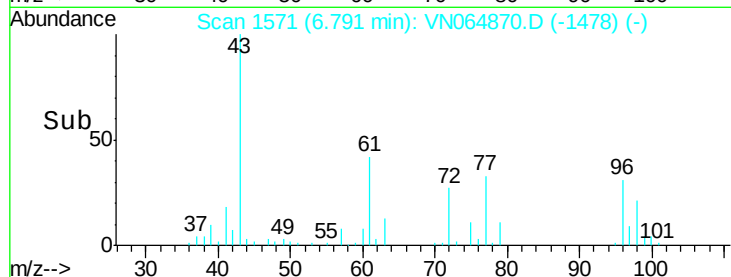
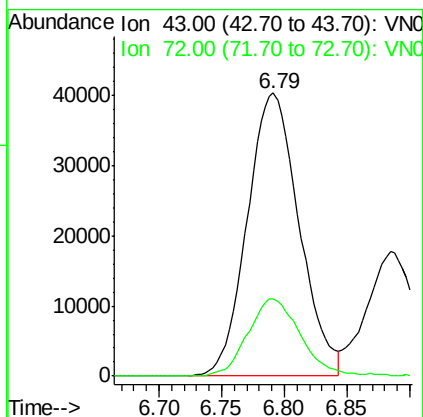
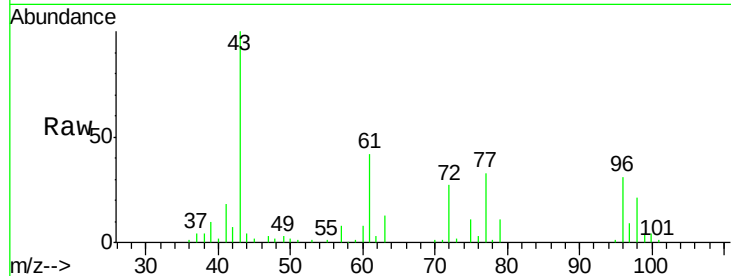




#25
2-Butanone
Concen: 95.771 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

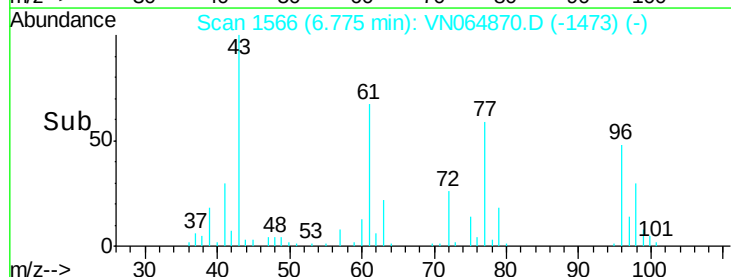
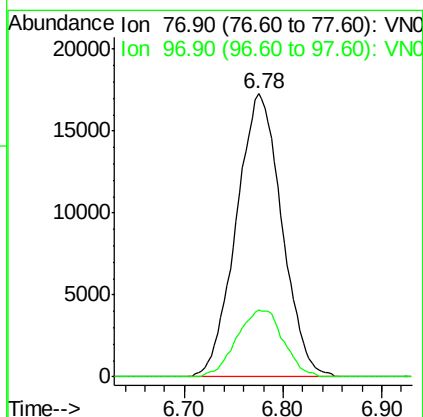
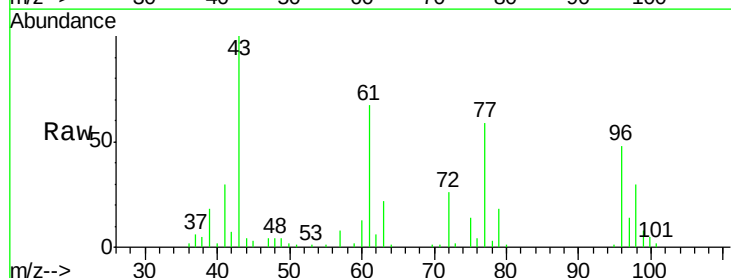
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

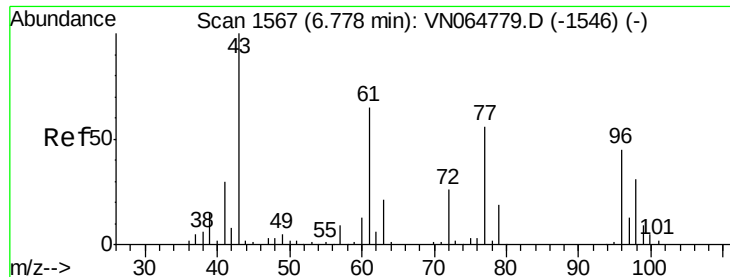
Tot Ion: 43 Resp: 116212
Ion Ratio Lower Upper
43 100
72 27.3 21.0 31.6



#26
2,2-Dichloropropane
Concen: 16.978 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 77 Resp: 55181
Ion Ratio Lower Upper
77 100
97 24.2 11.7 35.0

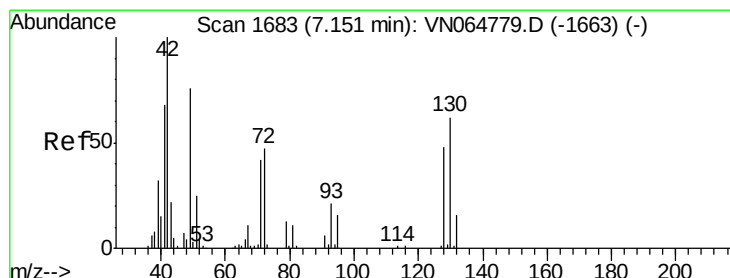
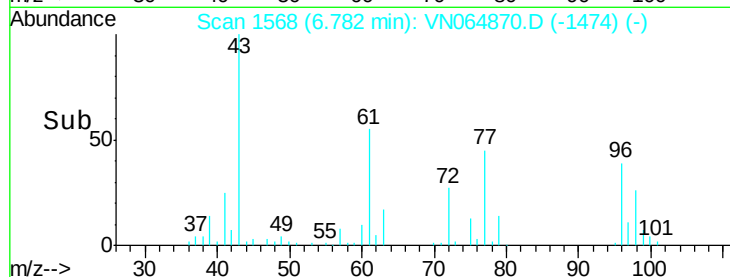
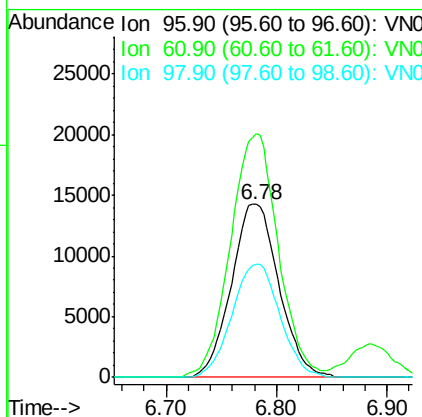
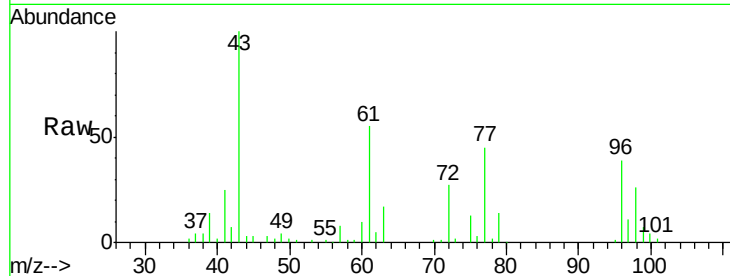




#27
 cis-1,2-Dichloroethene
 Concen: 17.935 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

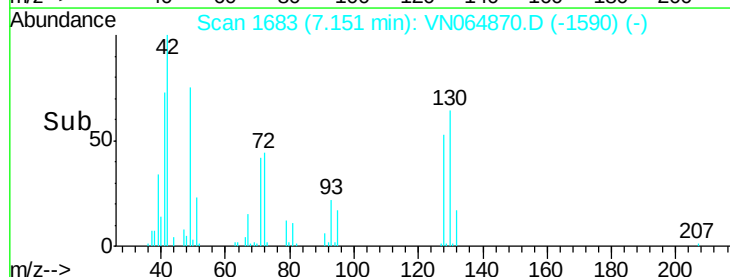
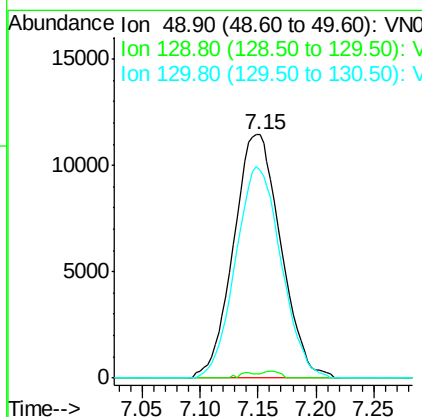
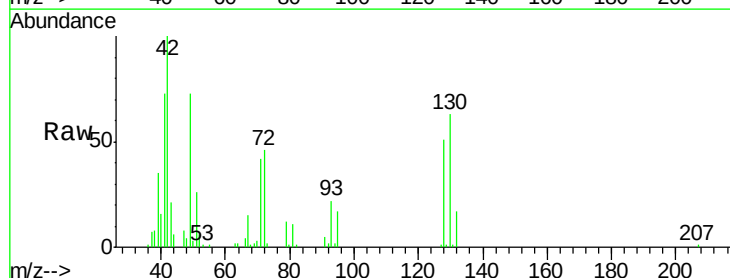
Instrument :
 MSVOA_N
 ClientSampled :
 VN1130WBSD01

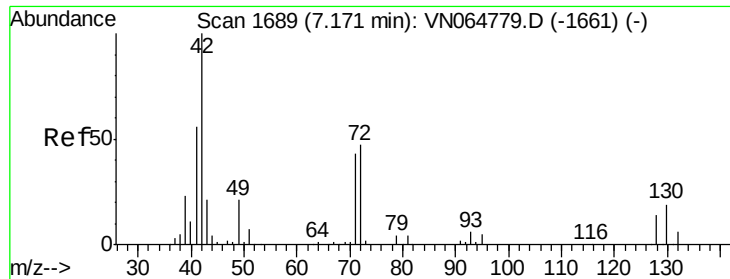
Tot Ion: 96 Resp: 42567
 Ion Ratio Lower Upper
 96 100
 61 141.5 0.0 285.8
 98 65.9 0.0 130.6



#28
 Bromochloromethane
 Concen: 18.911 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion: 49 Resp: 32419
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.8
 130 83.8 66.2 99.2

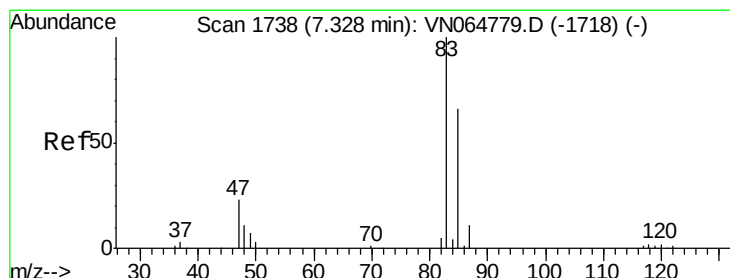
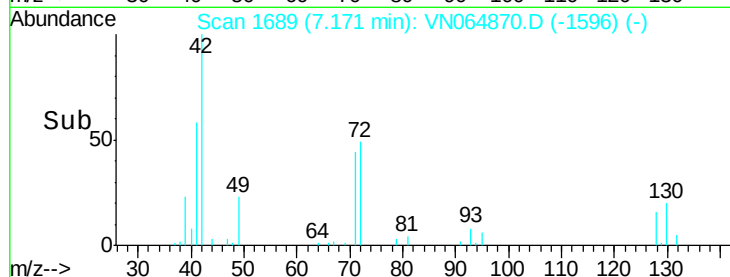
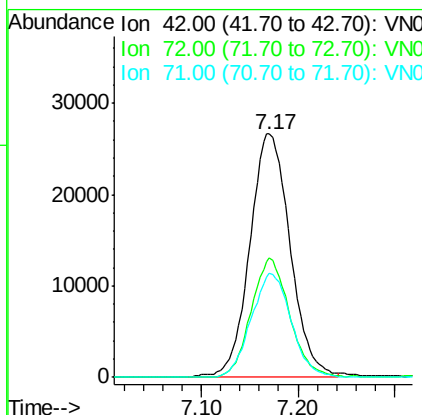
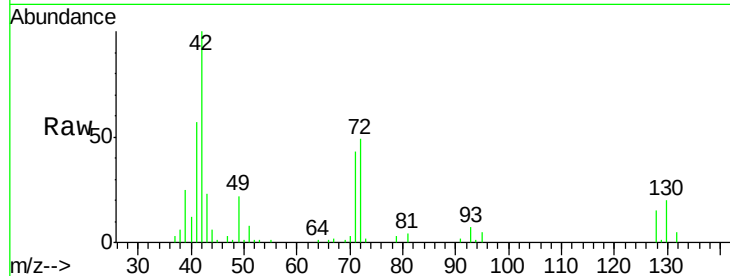




#29
Tetrahydrofuran
Concen: 92.337 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

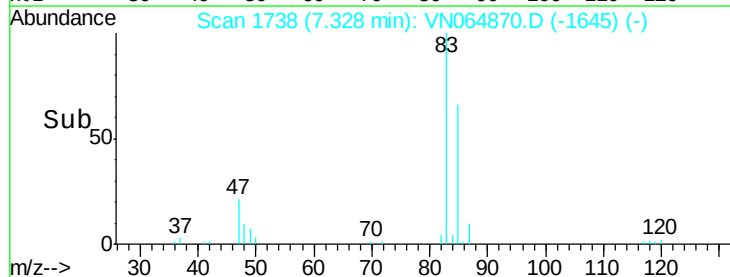
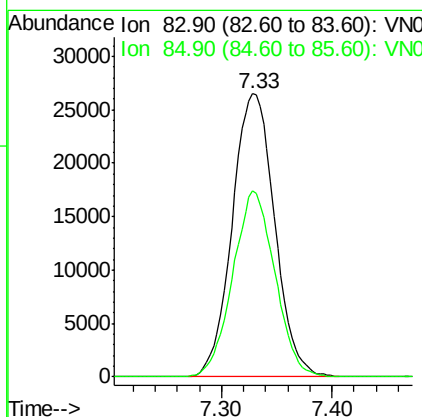
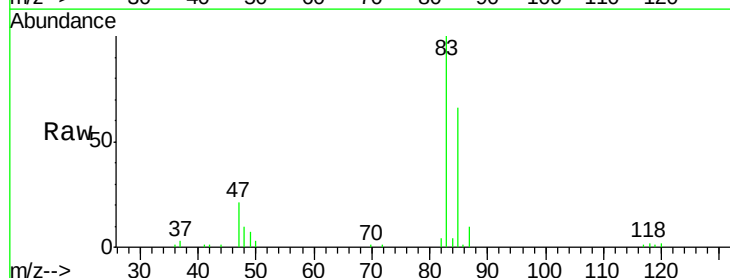
Instrument :
MSVOA_N
ClientSampled :
VN1130WBSD01

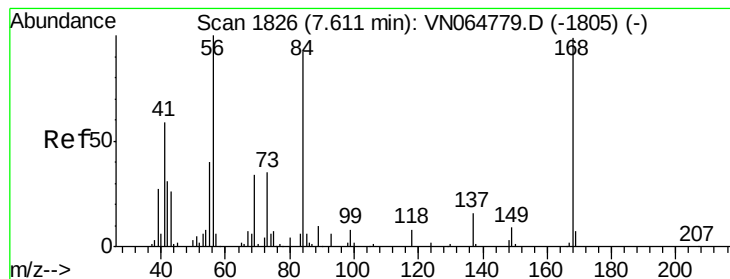
Tot Ion: 42 Resp: 77344
Ion Ratio Lower Upper
42 100
72 46.4 36.6 54.8
71 42.1 33.6 50.4



#30
Chloroform
Concen: 18.250 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 83 Resp: 70526
Ion Ratio Lower Upper
83 100
85 65.9 52.6 78.8





#31

Cyclohexane

Concen: 17.124 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

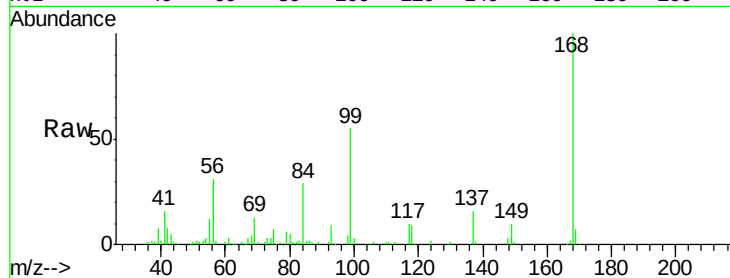
Tot Ion: 56 Resp: 54346

Ion Ratio Lower Upper

56 100

69 40.8 27.5 41.3

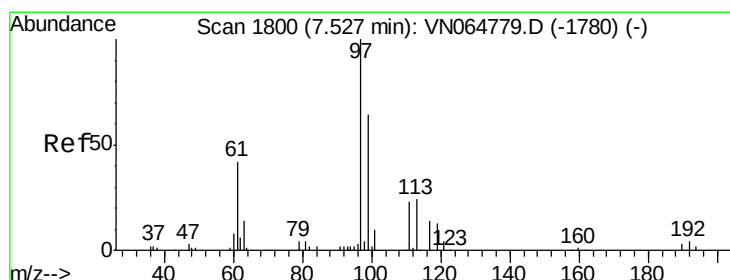
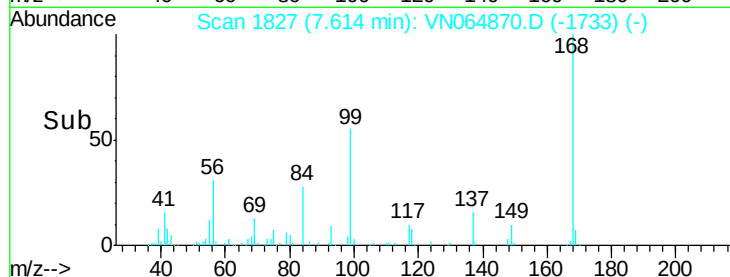
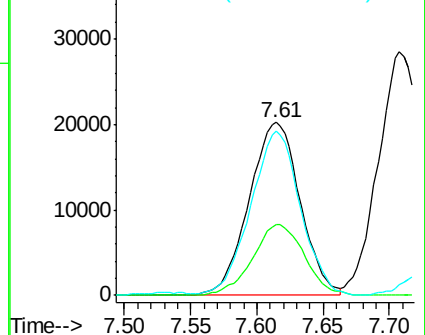
84 93.8 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.388 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

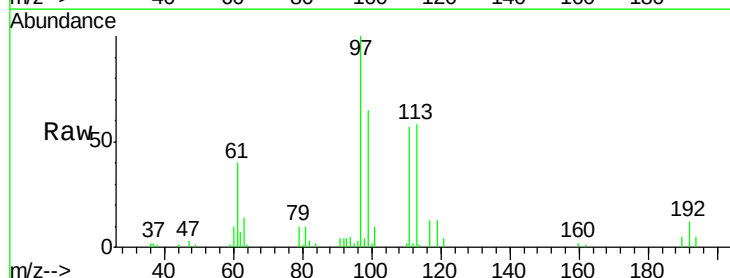
Tgt Ion: 97 Resp: 57712

Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

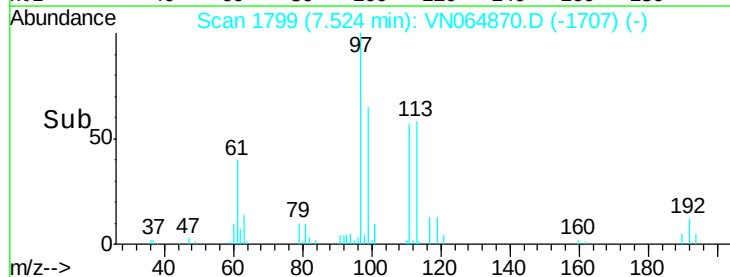
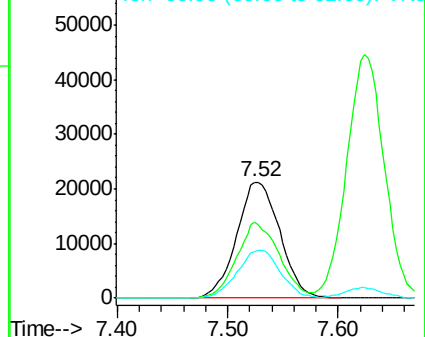
61 41.1 33.9 50.9

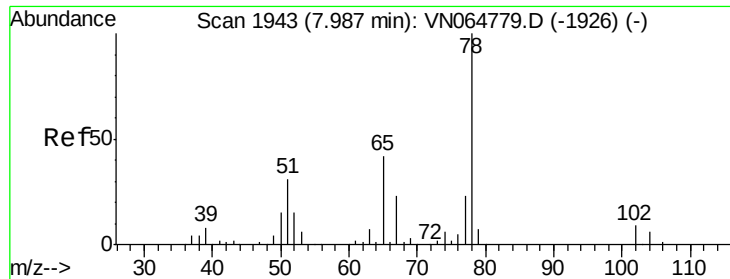


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

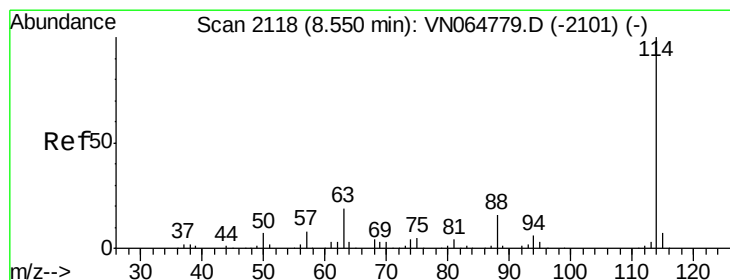
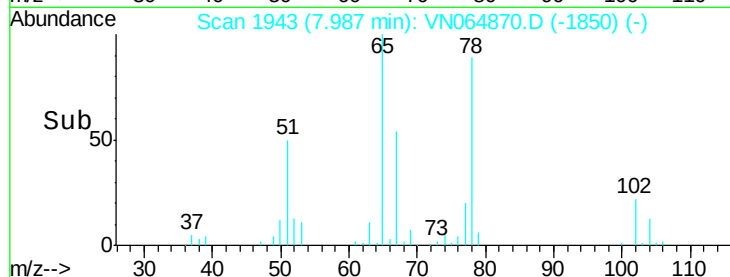
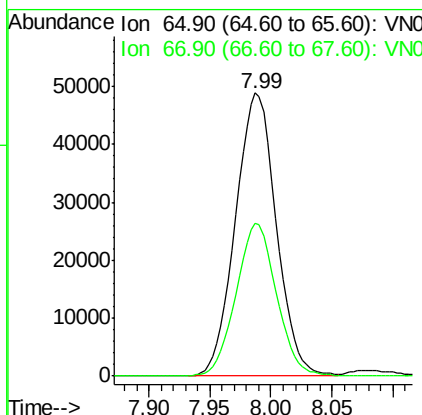
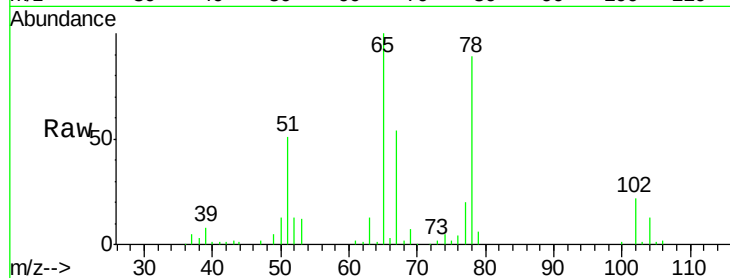




#33
 1,2-Dichloroethane-d4
 Concen: 49.706 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

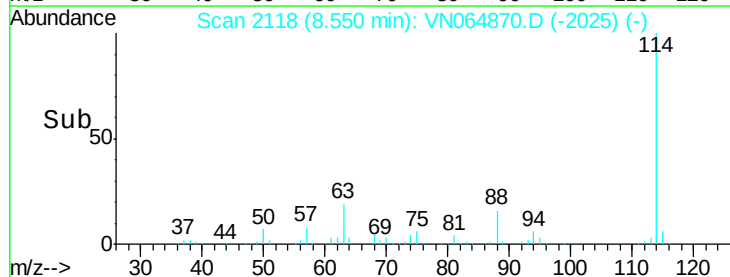
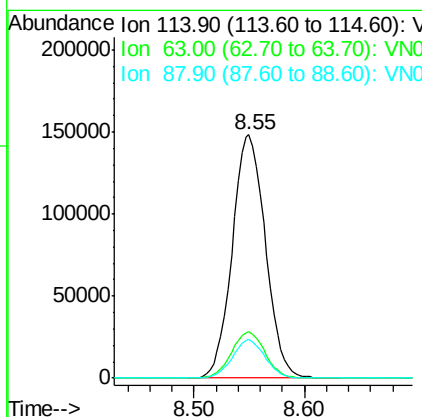
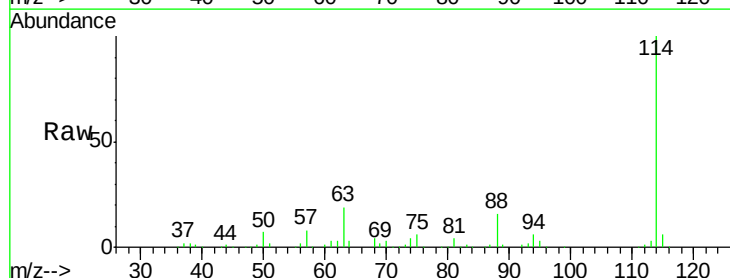
Instrument :
 MSVOA_N
 ClientSampled :
 VN1130WBSD01

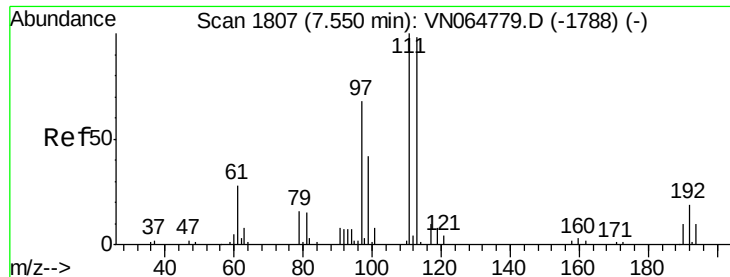
Tot Ion: 65 Resp: 113185
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion: 114 Resp: 308979
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.7 0.0 32.6

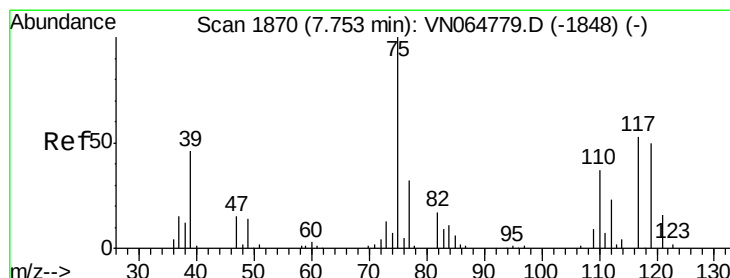
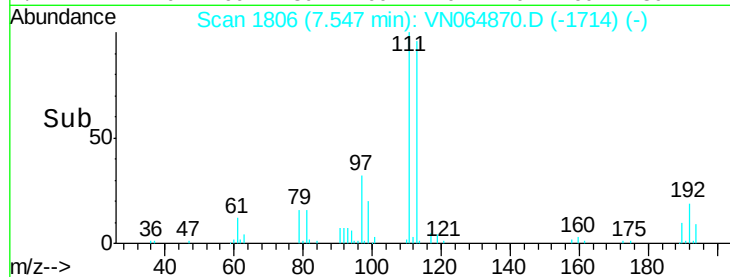
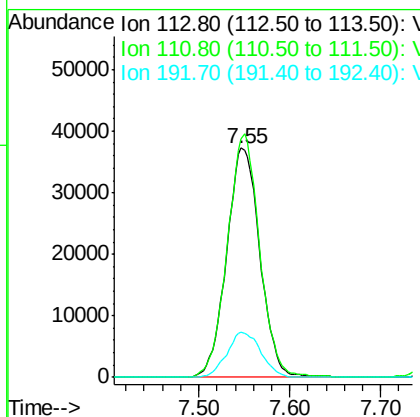
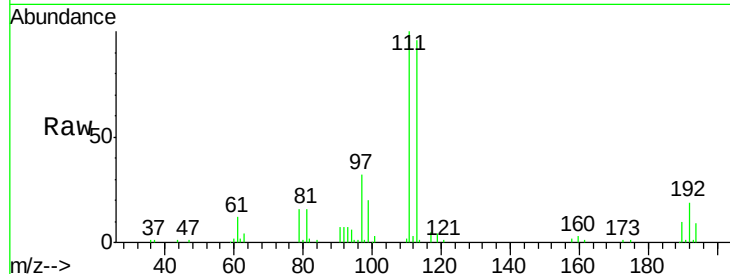




#35
 Dibromofluoromethane
 Concen: 51.224 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

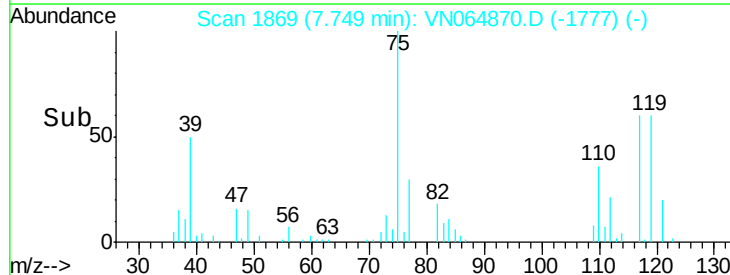
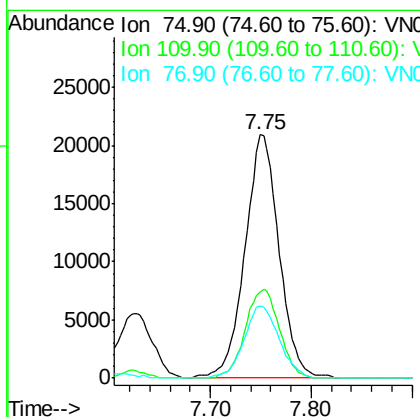
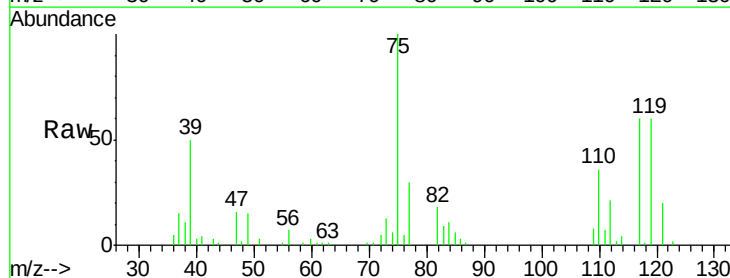
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

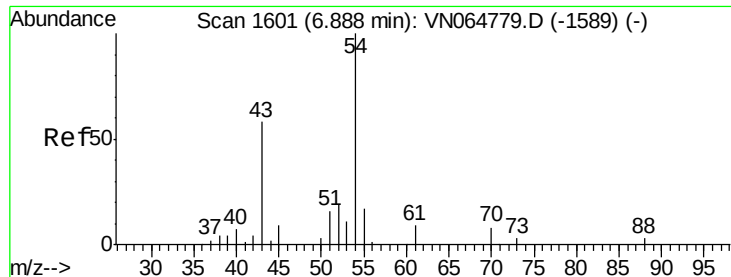
Tot Ion:113 Resp: 94705
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.6 122.4
 192 20.0 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 17.077 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion: 75 Resp: 48906
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.8 53.3
 77 30.6 25.0 37.4

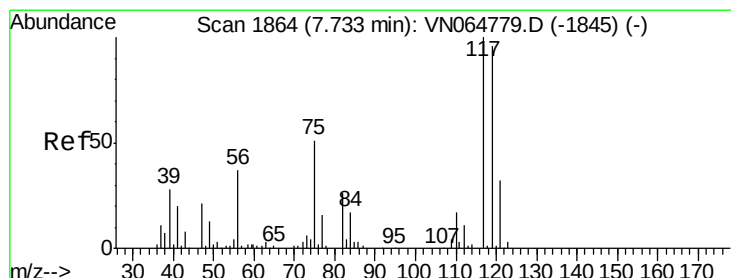
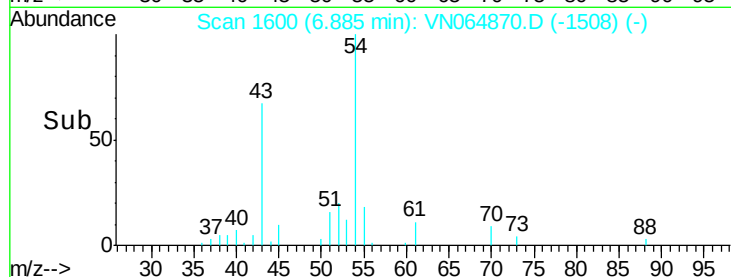
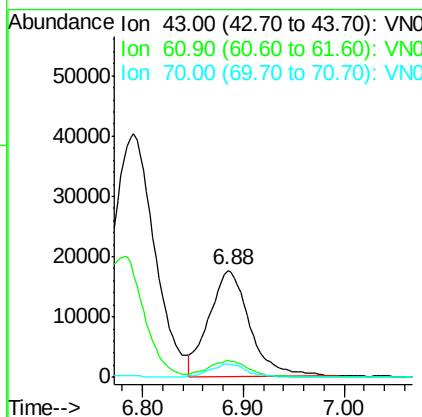
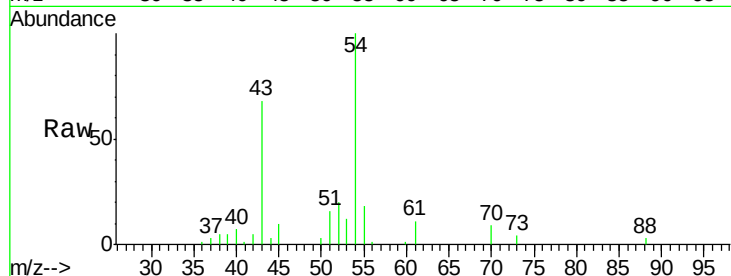




#37
Ethyl Acetate
Concen: 17.951 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

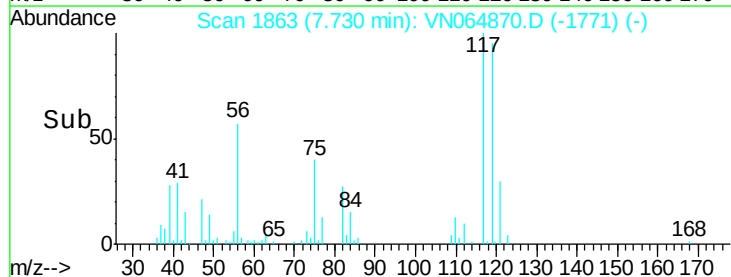
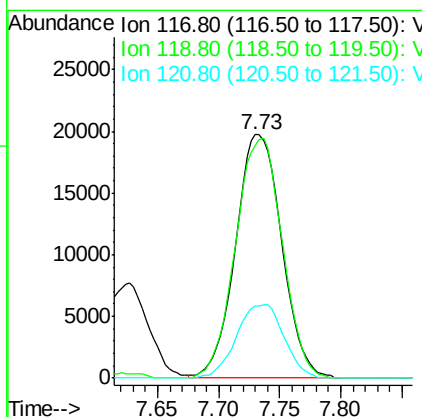
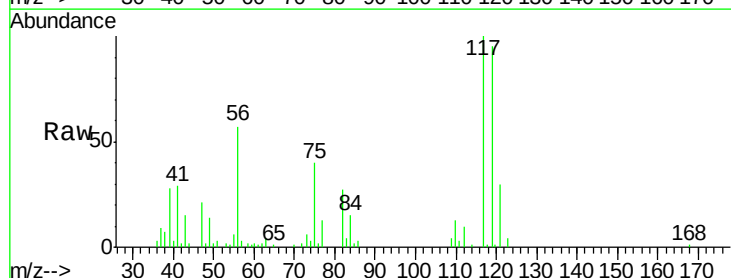
Instrument :
MSVOA_N
ClientSampled :
VN1130WBSD01

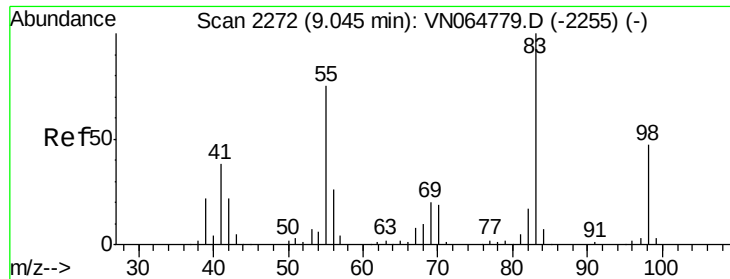
Tot Ion: 43 Resp: 49522
Ion Ratio Lower Upper
43 100
61 14.1 12.8 19.2
70 11.5 8.8 13.2



#38
Carbon Tetrachloride
Concen: 17.386 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 117 Resp: 51809
Ion Ratio Lower Upper
117 100
119 95.3 76.7 115.1
121 29.5 25.4 38.2

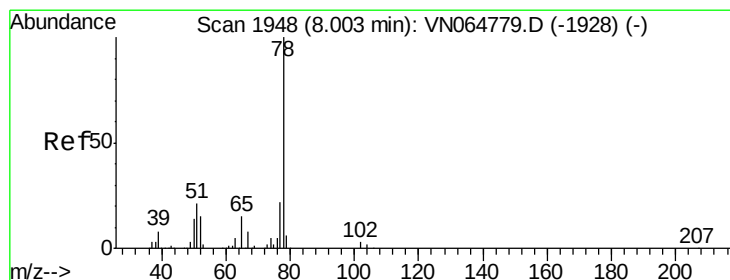
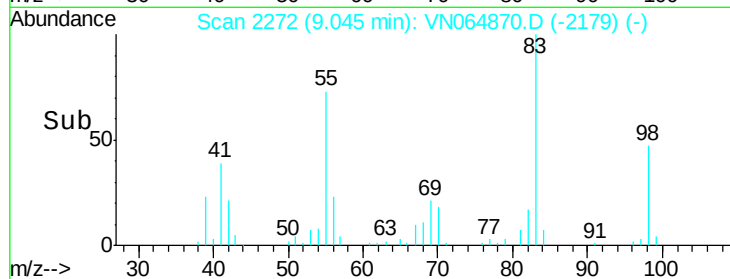
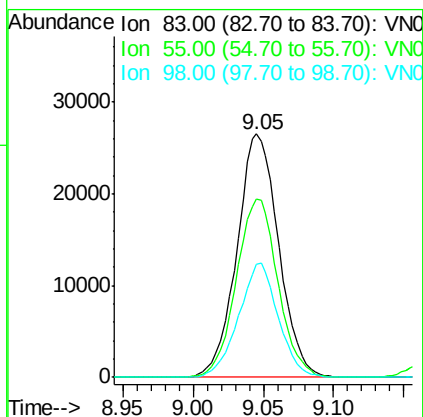
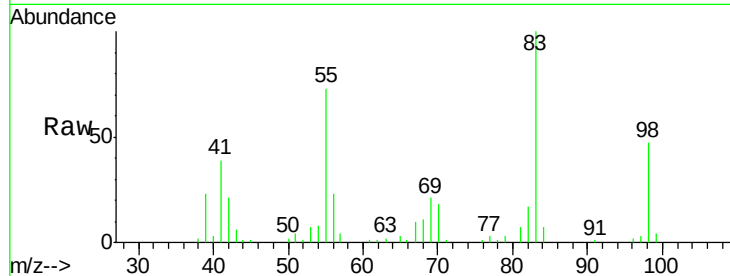




#39
Methylvlcyclohexane
Concen: 17.828 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

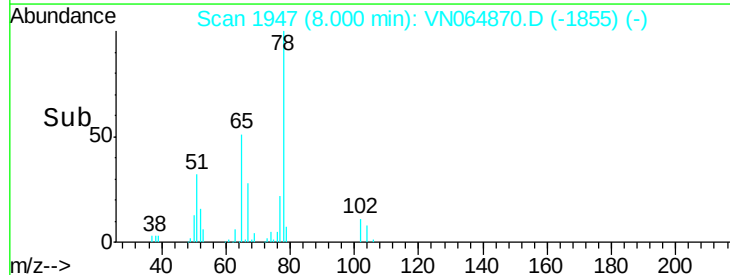
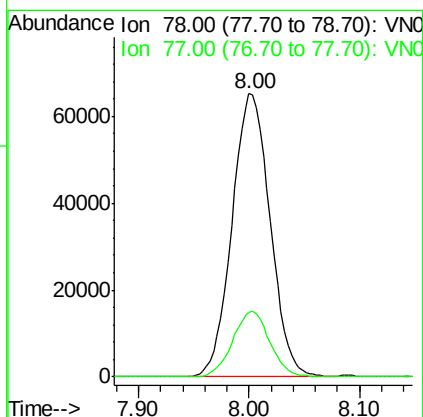
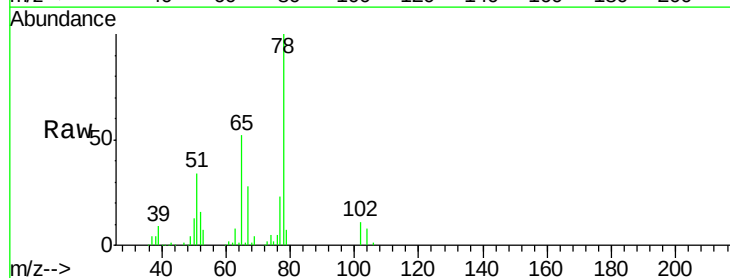
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

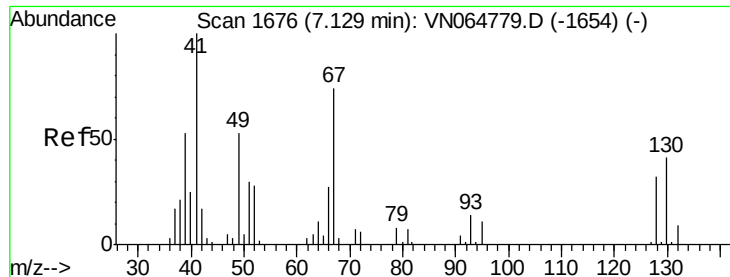
Tot Ion: 83 Resp: 54963
Ion Ratio Lower Upper
83 100
55 73.2 60.2 90.2
98 46.6 37.4 56.2



#40
Benzene
Concen: 17.767 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 78 Resp: 155926
Ion Ratio Lower Upper
78 100
77 22.7 17.9 26.9

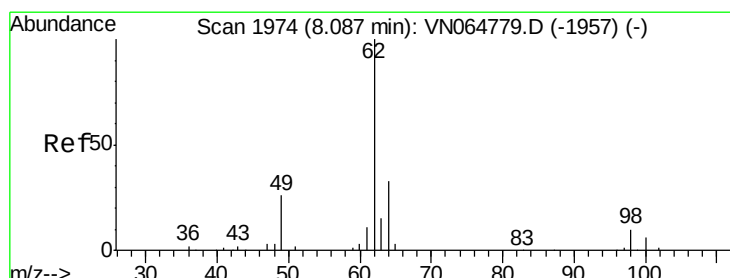
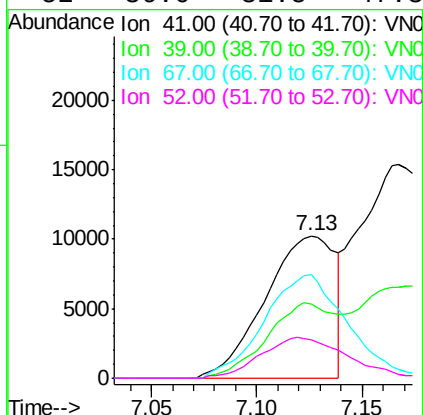
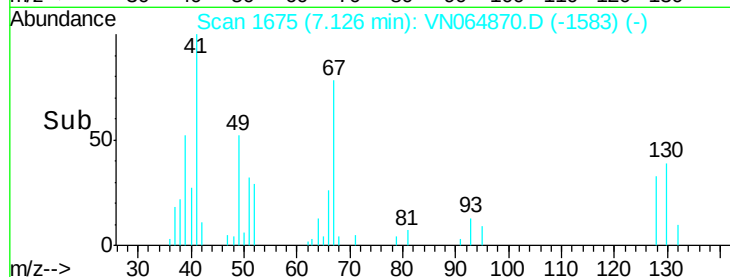
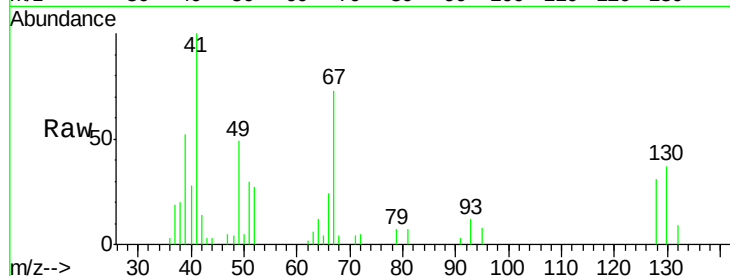




#41
Methacrylonitrile
Concen: 18.501 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

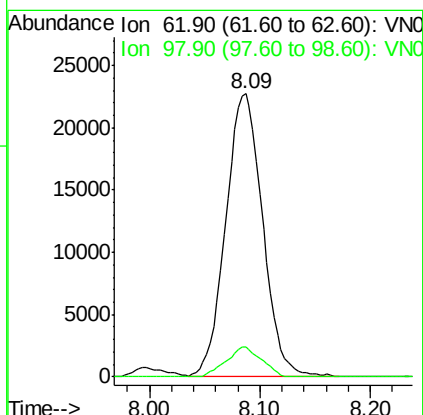
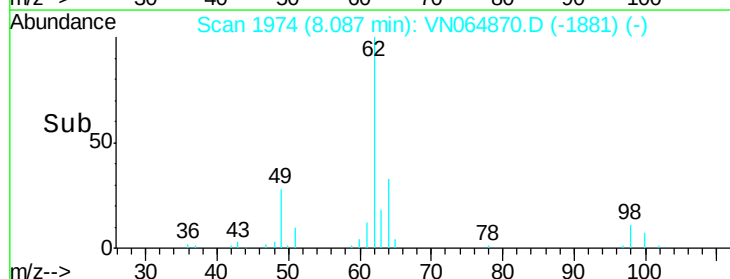
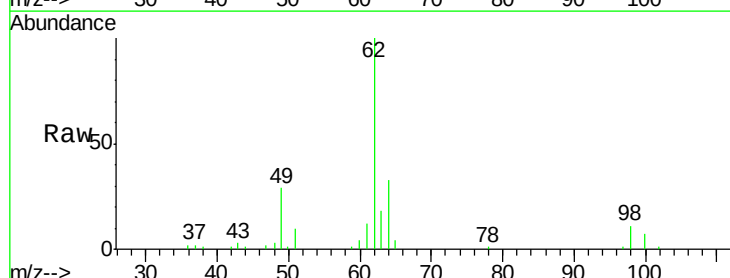
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

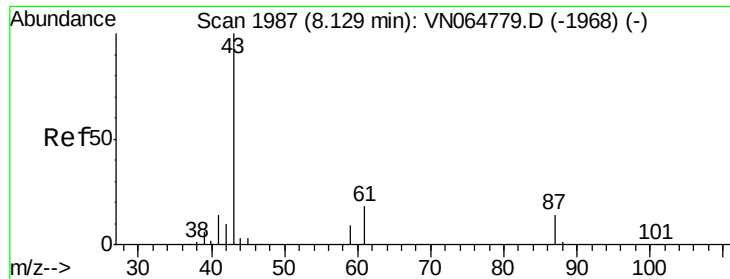
Tot Ion:	41	Resp:	23550
Ion	Ratio	Lower	Upper
41	100		
39	54.1	51.0	76.6
67	86.8	79.8	119.8
52	36.0	31.5	47.3



#42
1,2-Dichloroethane
Concen: 17.863 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion:	62	Resp:	52884
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.6





#43

Isopropyl Acetate

Concen: 17.816 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

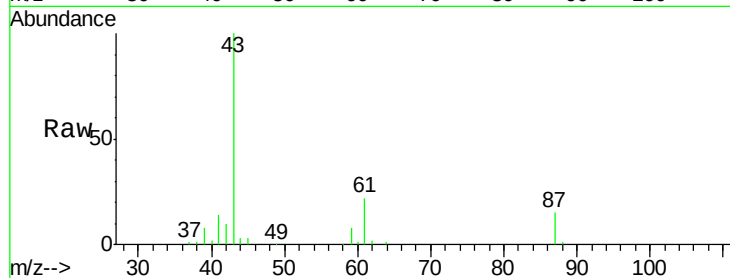
Tot Ion: 43 Resp: 79086

Ion Ratio Lower Upper

43 100

61 20.9 17.2 25.8

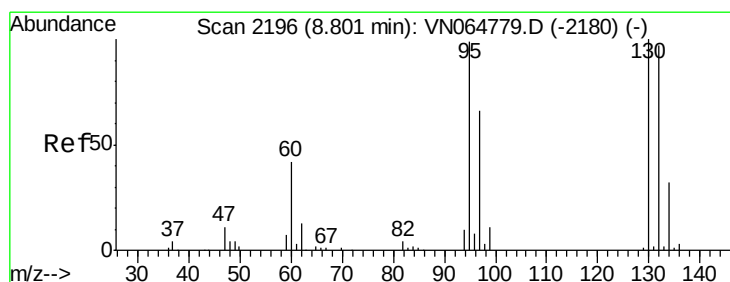
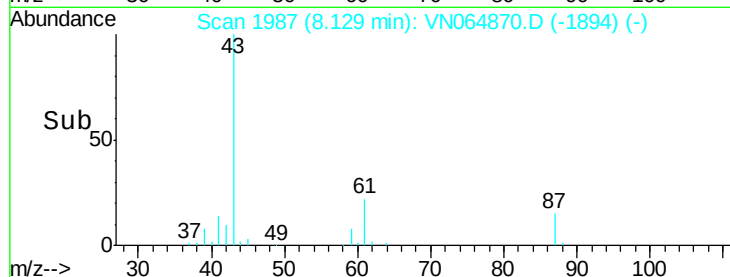
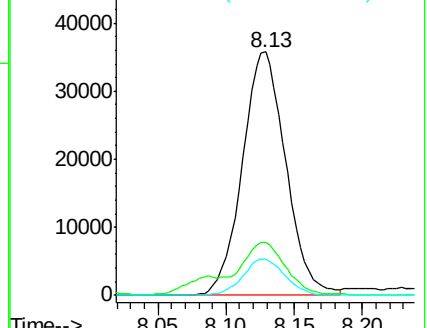
87 14.2 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064870.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064870.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064870.D (-1968) (-)



#44

Trichloroethene

Concen: 17.879 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064870.D

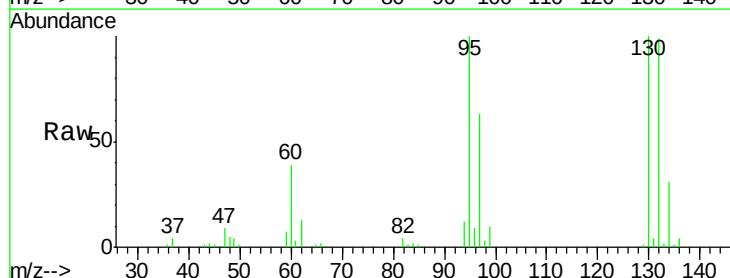
Acq: 30 Nov 2020 14:12

Tgt Ion:130 Resp: 46295

Ion Ratio Lower Upper

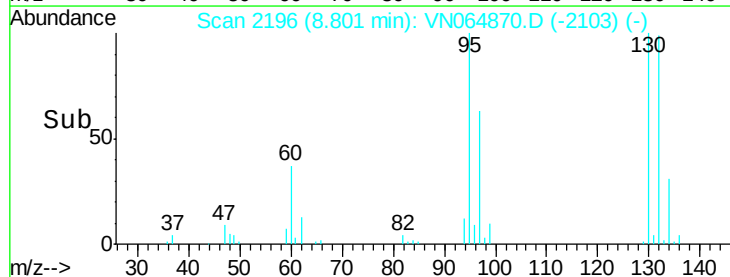
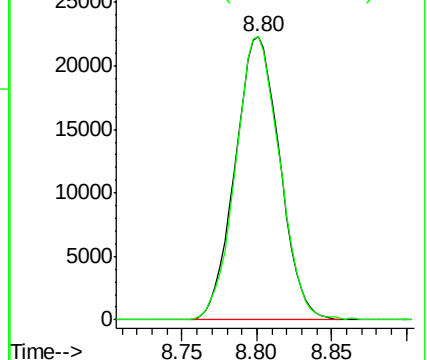
130 100

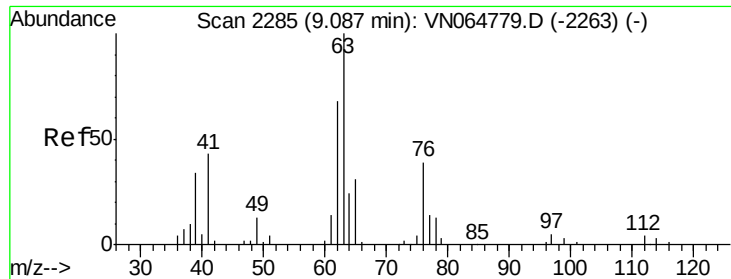
95 99.9 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064870.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064870.D (-2180) (-)

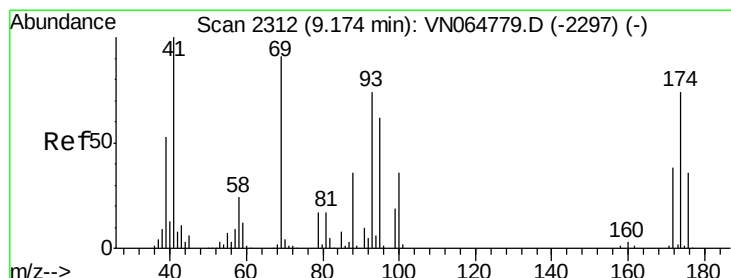
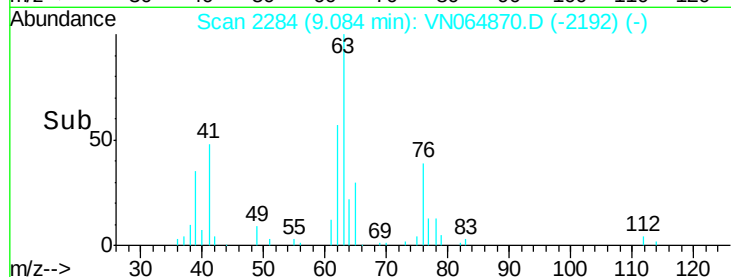
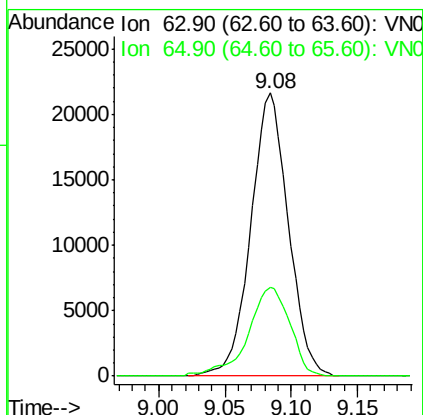
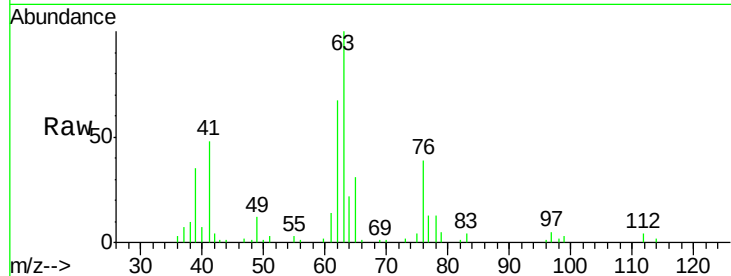




#45
 1,2-Dichloropropane
 Concen: 18.737 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

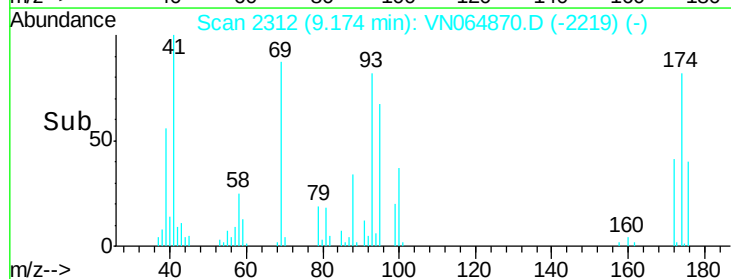
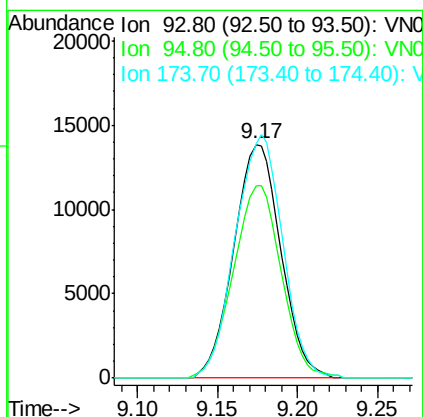
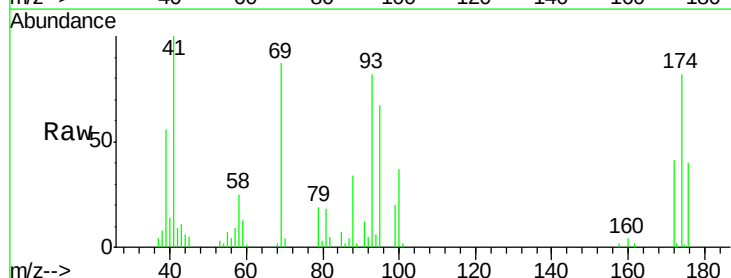
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

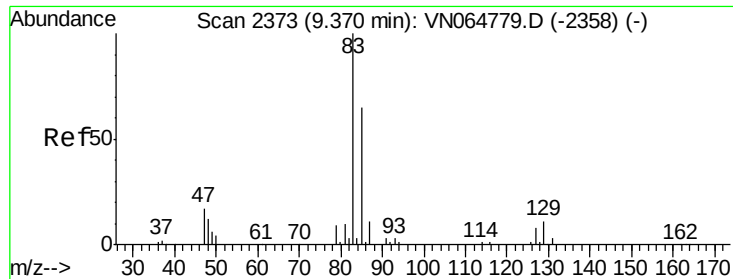
Tot Ion: 63 Resp: 42583
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.4



#46
 Dibromomethane
 Concen: 18.356 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion: 93 Resp: 27871
 Ion Ratio Lower Upper
 93 100
 95 83.9 68.8 103.2
 174 104.9 83.1 124.7

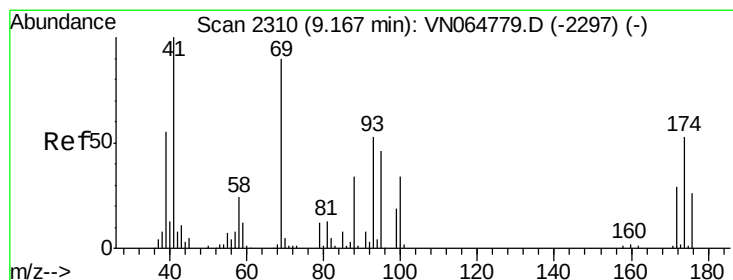
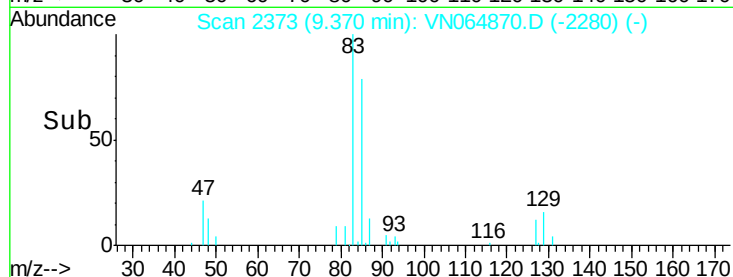
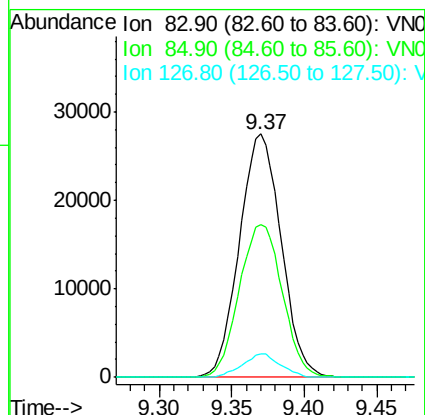
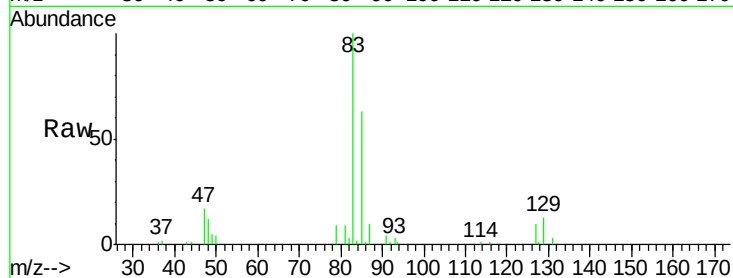




#47
Bromodichloromethane
Concen: 18.046 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

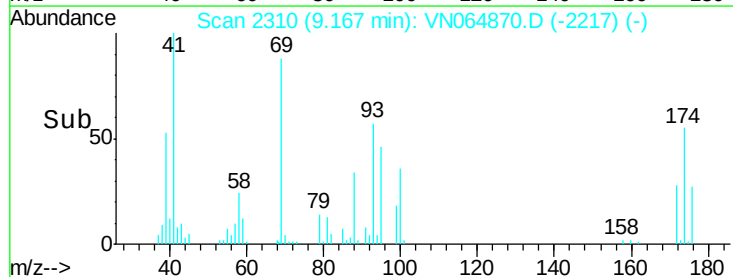
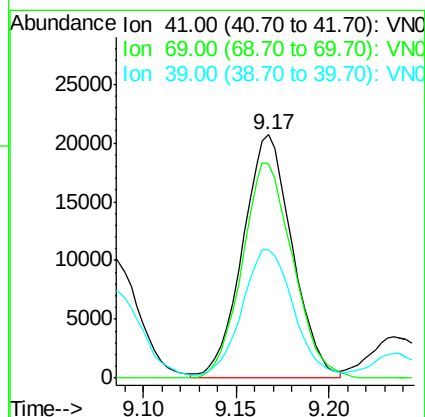
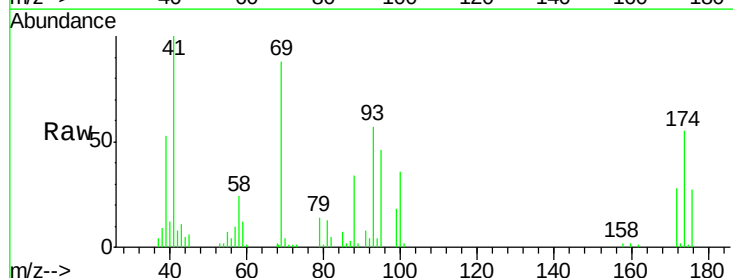
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

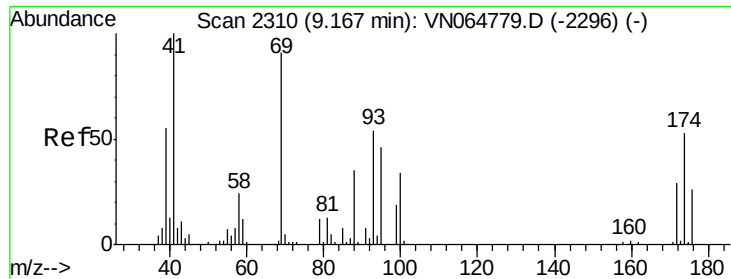
Tot Ion: 83 Resp: 55133
Ion Ratio Lower Upper
83 100
85 62.9 51.8 77.8
127 9.7 6.8 10.2



#48
Methyl methacrylate
Concen: 18.159 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 41 Resp: 38518
Ion Ratio Lower Upper
41 100
69 90.0 71.8 107.8
39 55.2 44.1 66.1





#49

1,4-Dioxane

Concen: 355.444 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

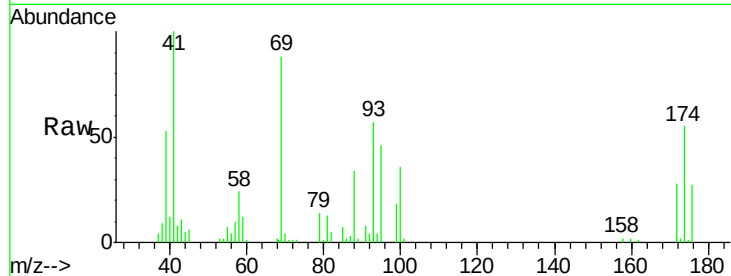
Tot Ion: 88 Resp: 14250

Ion Ratio Lower Upper

88 100

43 29.6 24.2 36.4

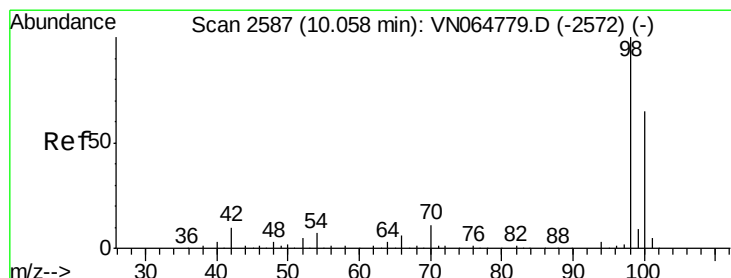
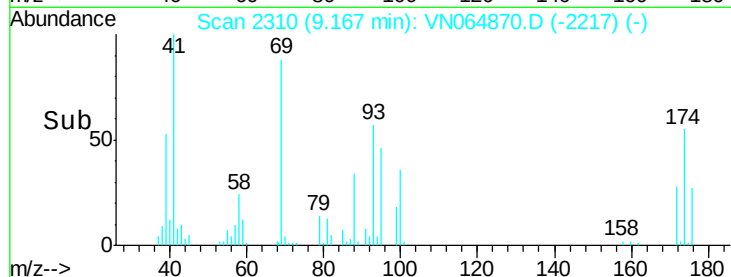
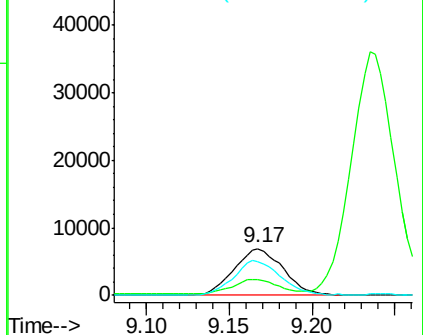
58 69.9 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VN064870.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN064870.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN064870.D (-2217) (-)



#50

Toluene-d8

Concen: 47.964 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064870.D

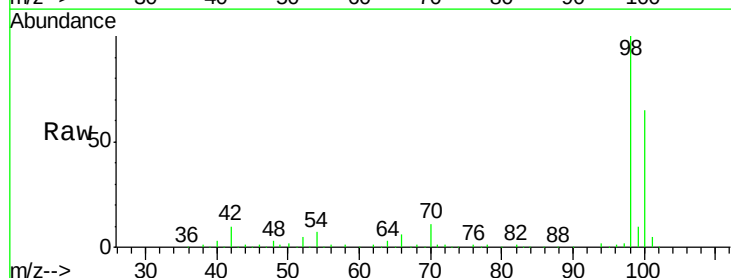
Acq: 30 Nov 2020 14:12

Tgt Ion: 98 Resp: 362331

Ion Ratio Lower Upper

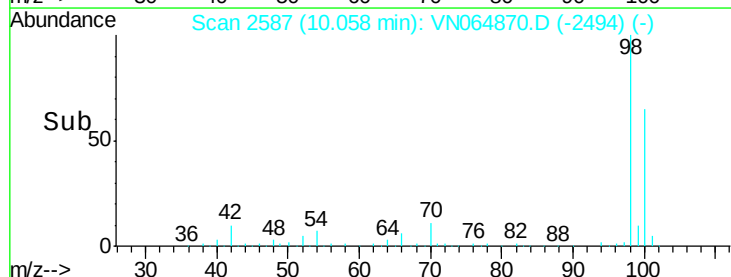
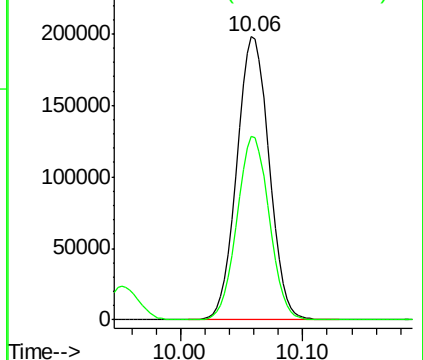
98 100

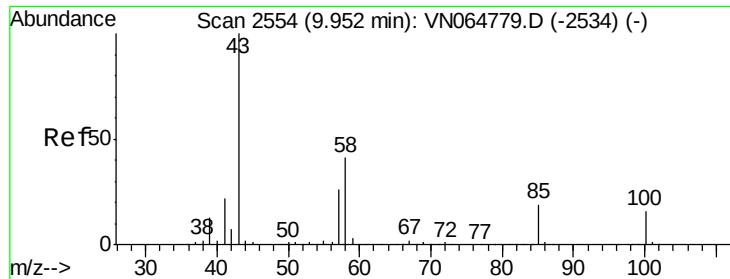
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064870.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064870.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 92.709 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

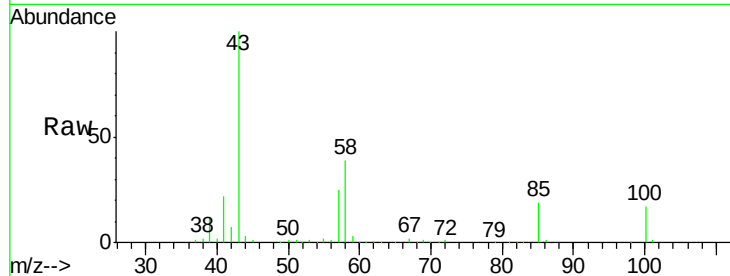
VN1130WBSD01

Tot Ion: 43 Resp: 247071

Ion Ratio Lower Upper

43 100

58 40.3 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

150000

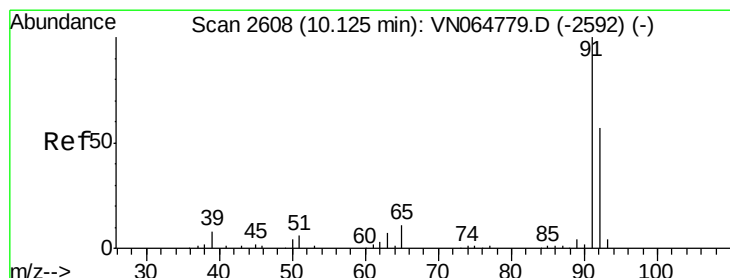
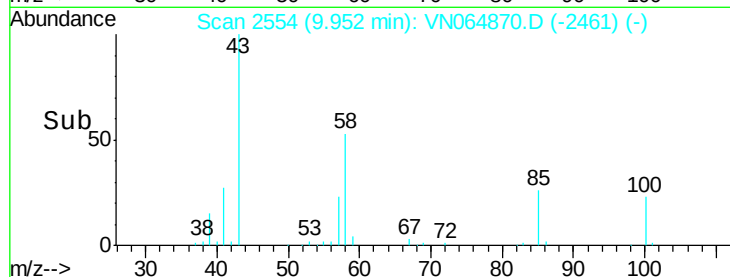
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 17.879 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064870.D

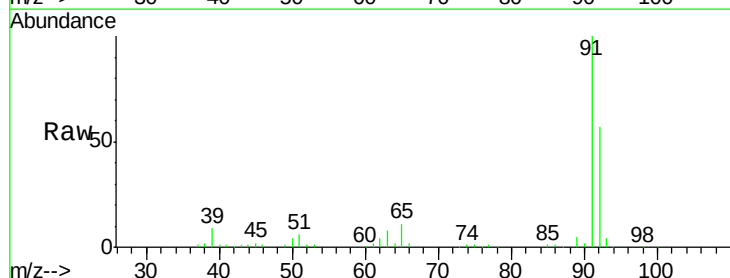
Acq: 30 Nov 2020 14:12

Tgt Ion: 92 Resp: 96629

Ion Ratio Lower Upper

92 100

91 175.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

100000

80000

60000

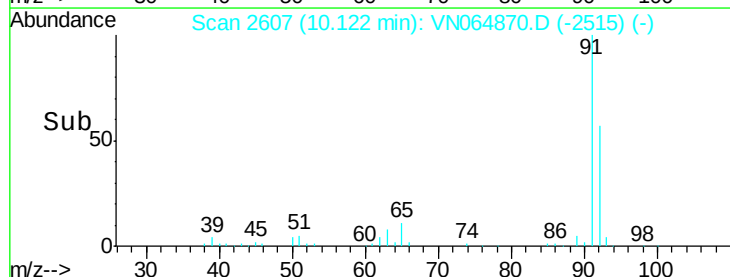
40000

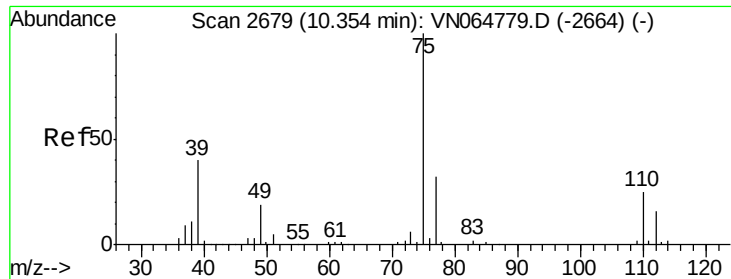
20000

0

10.05 10.10 10.12 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.631 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

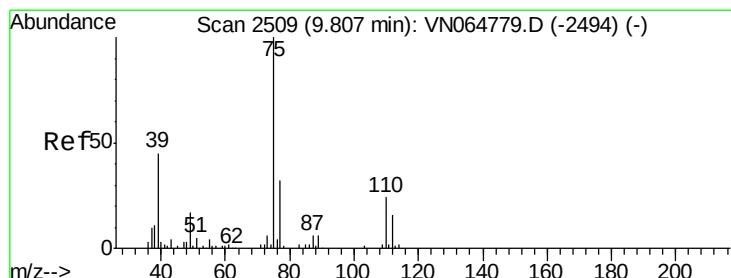
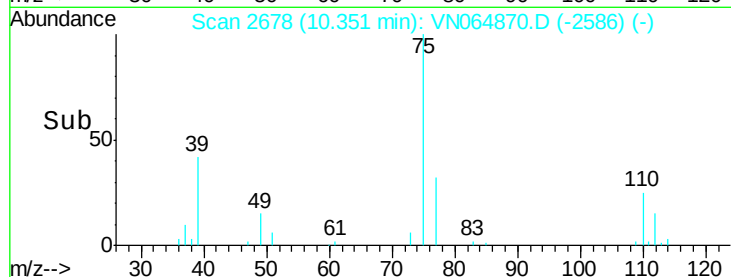
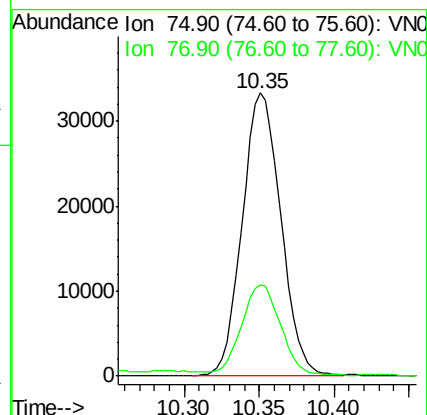
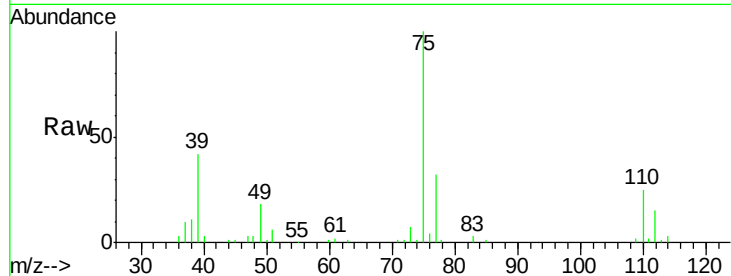
VN1130WBSD01

Tot Ion: 75 Resp: 59992

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 17.694 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

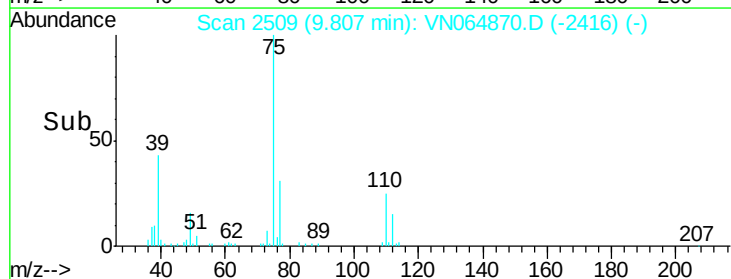
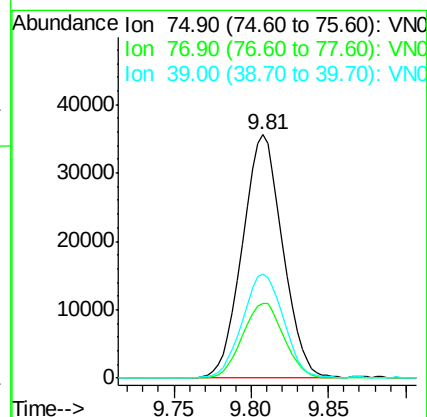
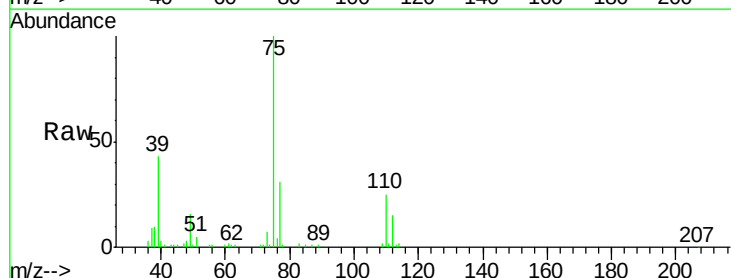
Tgt Ion: 75 Resp: 64536

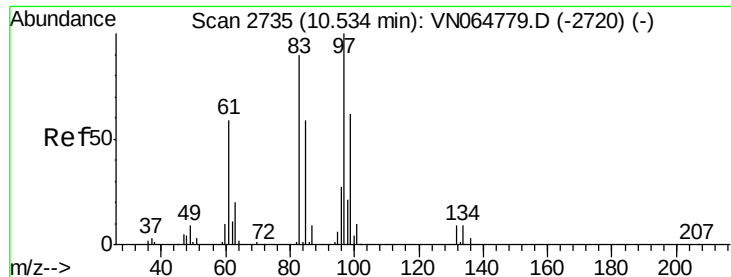
Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3

39 42.9 35.6 53.4

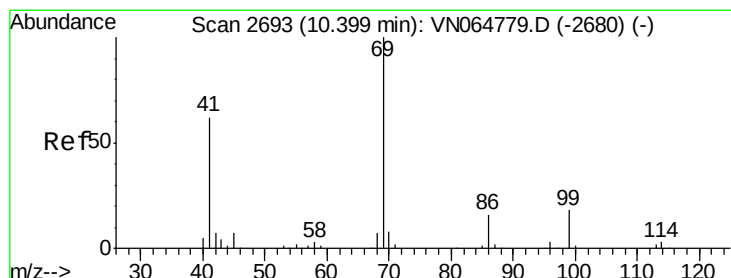
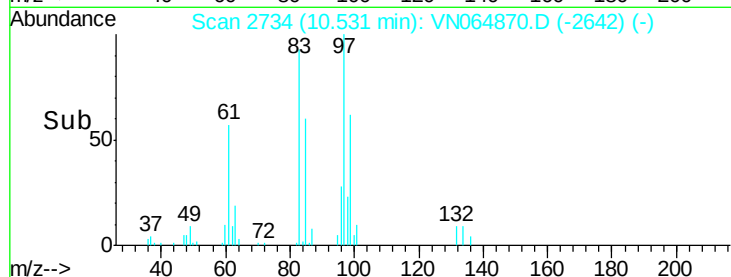
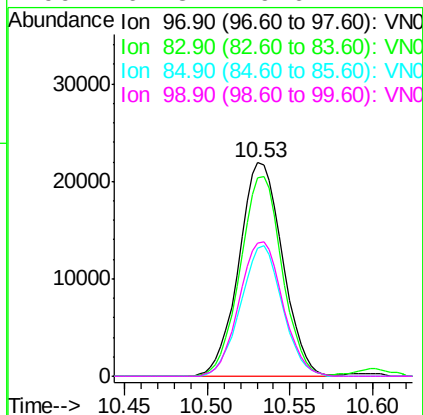
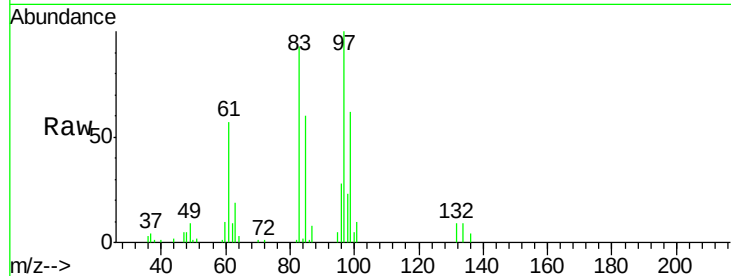




#55
 1,1,2-Trichloroethane
 Concen: 18.103 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

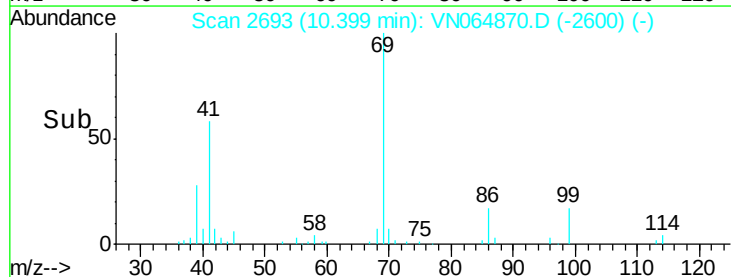
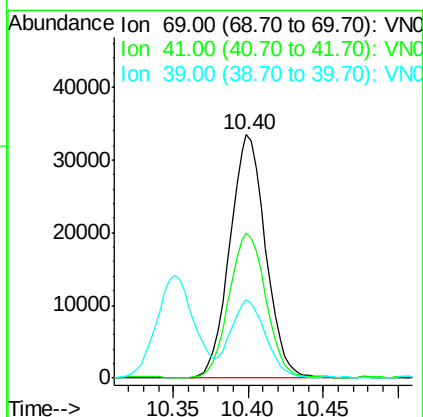
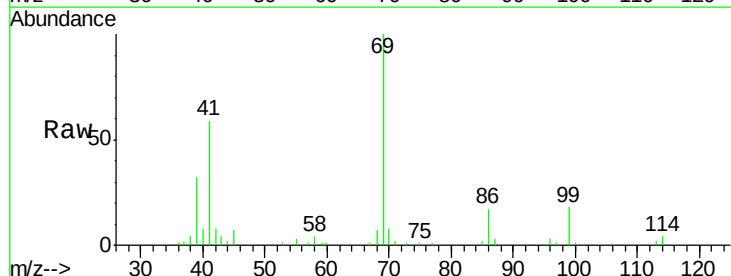
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

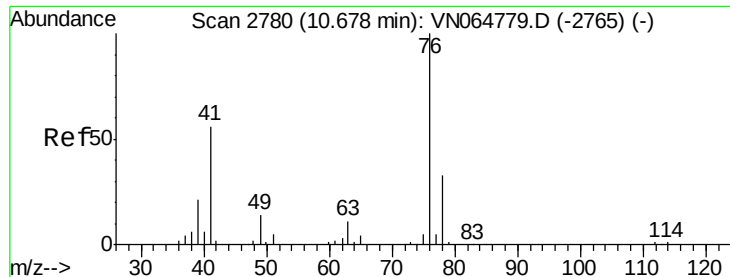
Tot Ion: 97 Resp: 40234
 Ion Ratio Lower Upper
 97 100
 83 92.7 72.1 108.1
 85 60.1 46.8 70.2
 99 62.3 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 18.168 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion: 69 Resp: 55719
 Ion Ratio Lower Upper
 69 100
 41 61.7 49.4 74.0
 39 32.1 25.9 38.9





#57

1,3-Dichloropropane

Concen: 18.158 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

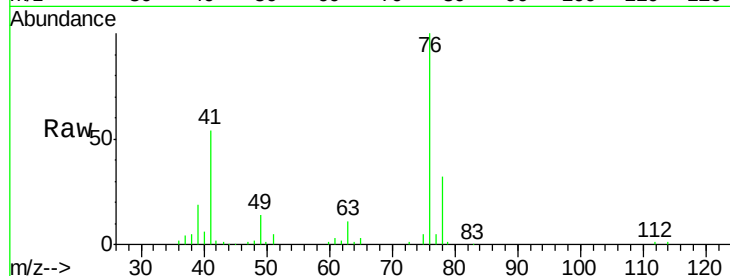
VN1130WBSD01

Tot Ion: 76 Resp: 66570

Ion Ratio Lower Upper

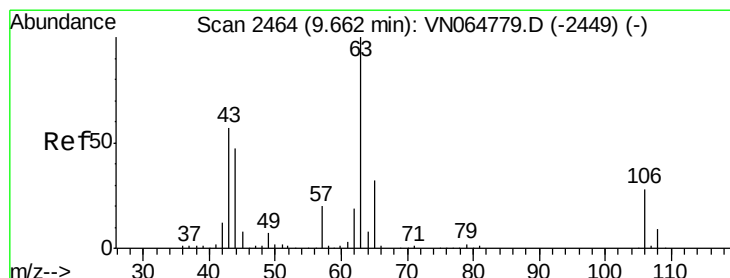
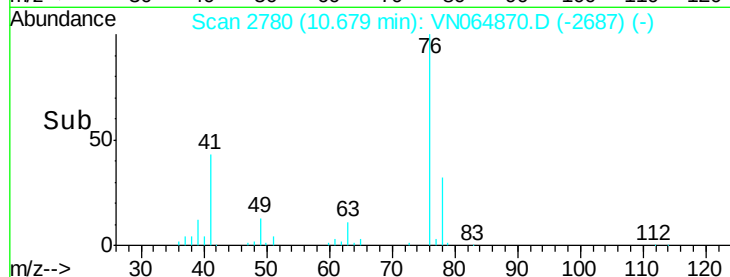
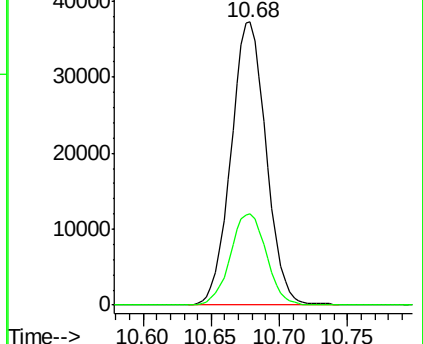
76 100

78 32.9 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 93.655 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064870.D

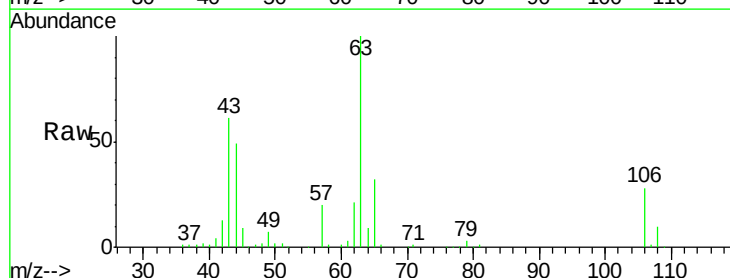
Acq: 30 Nov 2020 14:12

Tgt Ion: 63 Resp: 157997

Ion Ratio Lower Upper

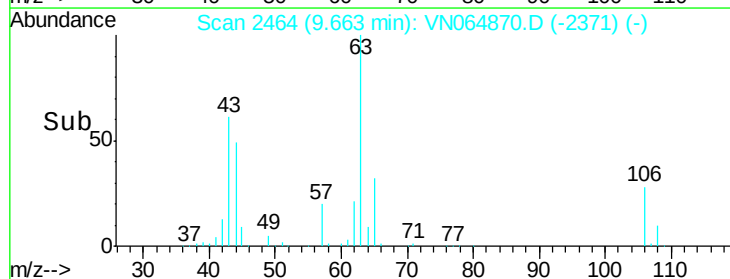
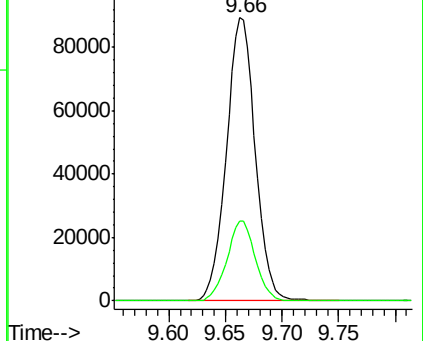
63 100

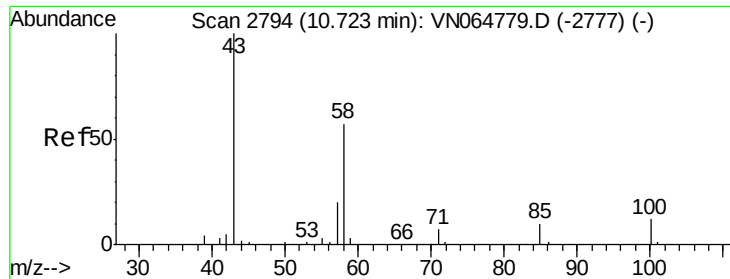
106 27.6 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

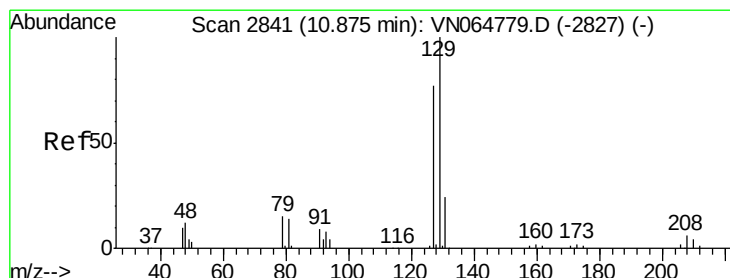
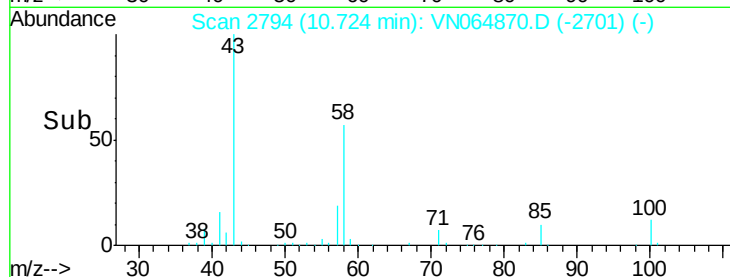
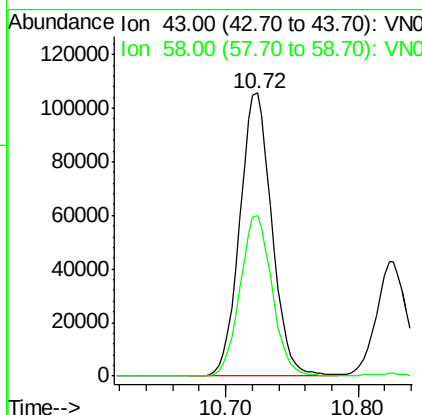
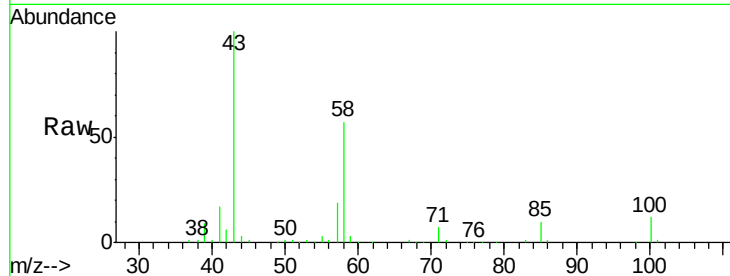




#59
2-Hexanone
Concen: 92.647 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

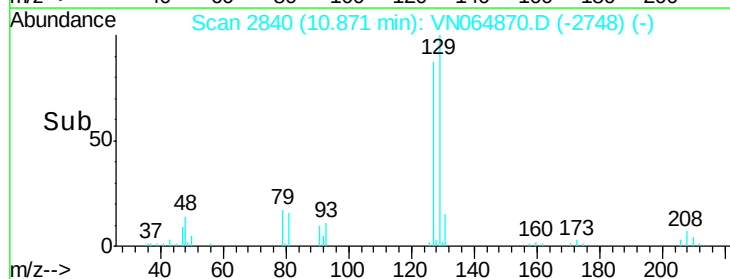
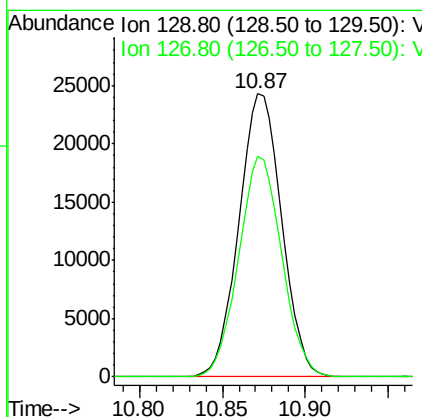
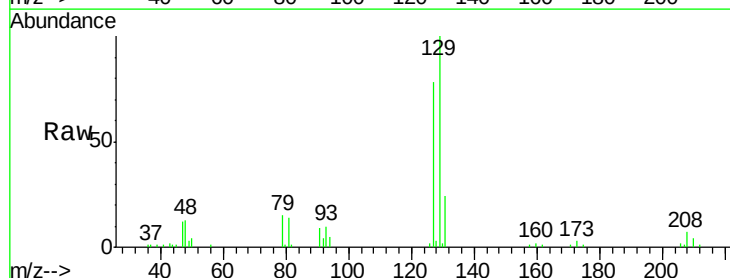
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

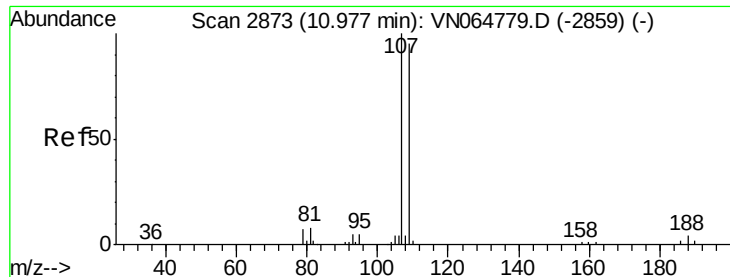
Tot Ion: 43 Resp: 177695
Ion Ratio Lower Upper
43 100
58 56.5 28.3 84.9



#60
Dibromochloromethane
Concen: 17.674 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 129 Resp: 43663
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.794 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

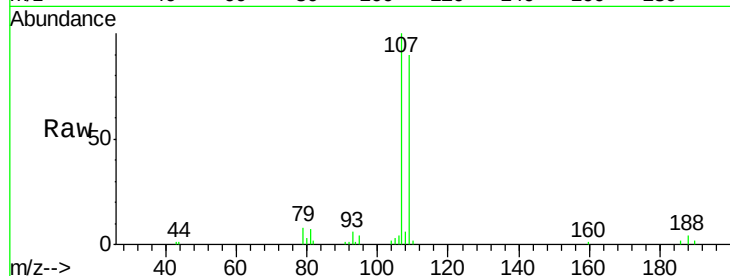
VN1130WBSD01

Tot Ion:107 Resp: 42436

Ion Ratio Lower Upper

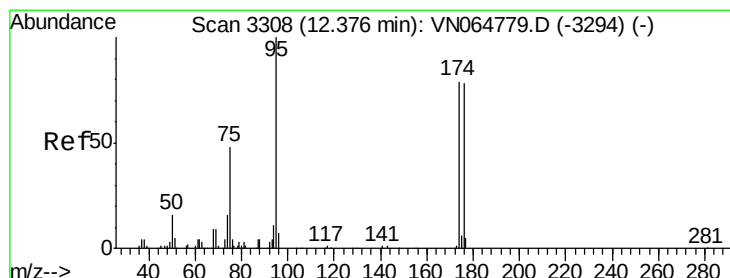
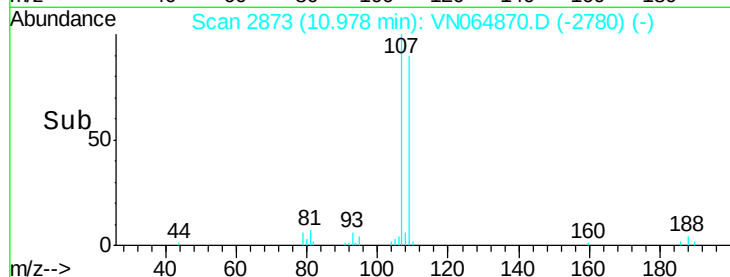
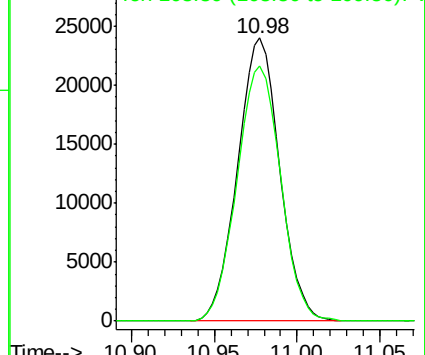
107 100

109 93.6 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.718 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

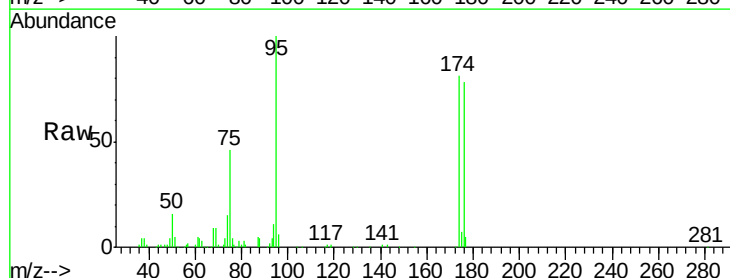
Tgt Ion: 95 Resp: 129005

Ion Ratio Lower Upper

95 100

174 81.1 0.0 160.4

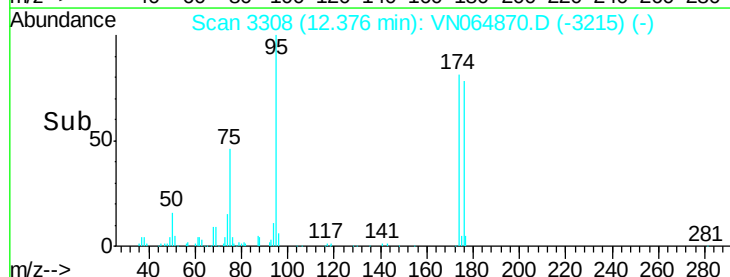
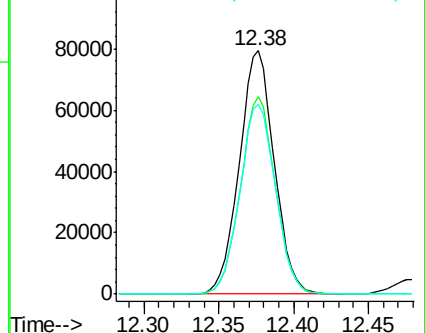
176 79.6 0.0 158.4

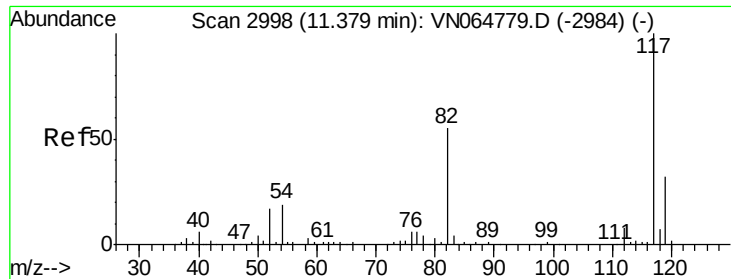


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

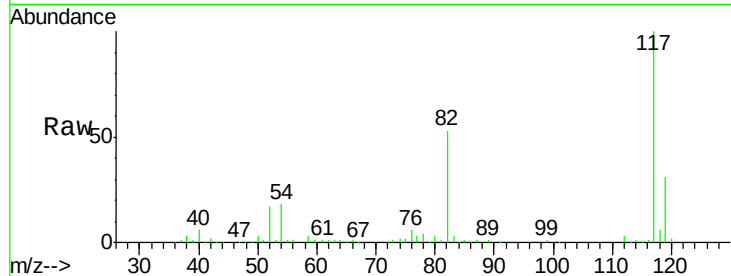




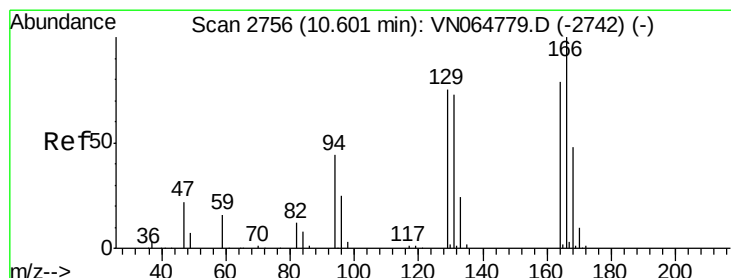
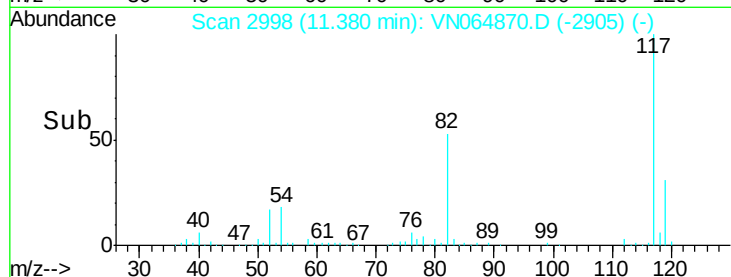
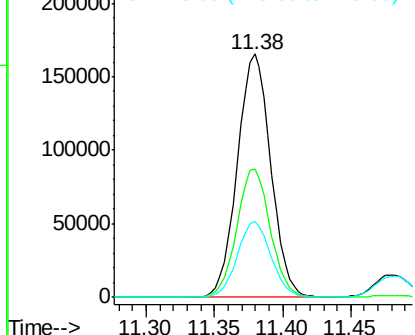
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion:117 Resp: 281704
Ion Ratio Lower Upper
117 100
82 52.8 44.2 66.2
119 31.0 25.8 38.6

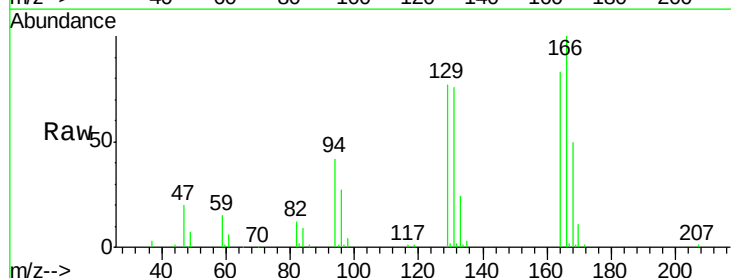


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

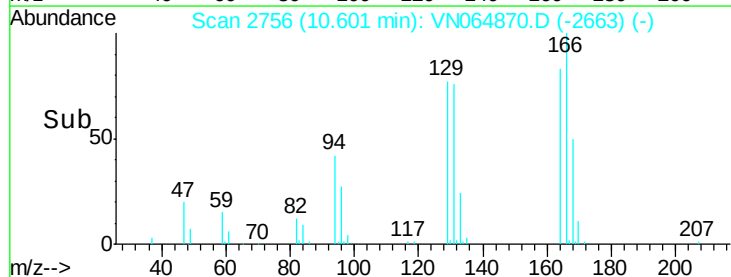
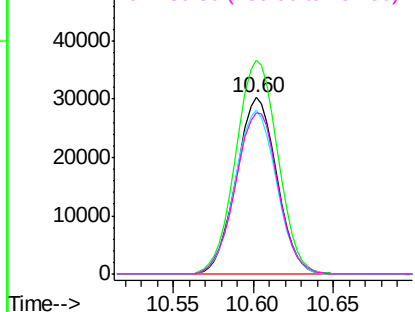


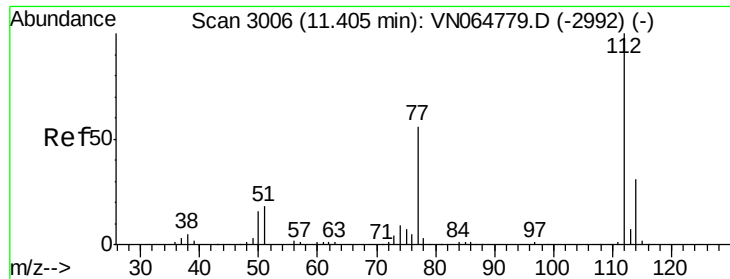
#64
Tetrachloroethene
Concen: 19.114 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion:164 Resp: 52387
Ion Ratio Lower Upper
164 100
166 121.1 101.4 152.0
129 92.8 76.1 114.1
131 91.7 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

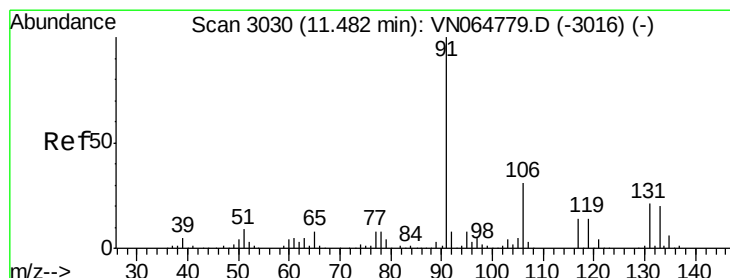
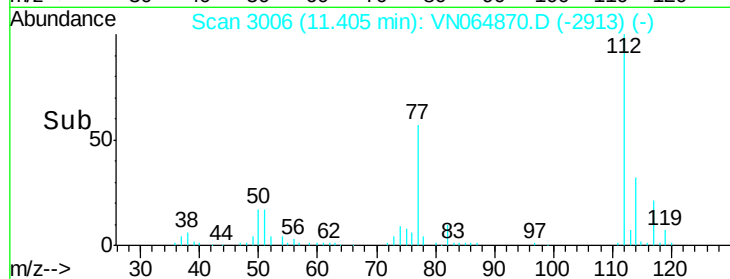
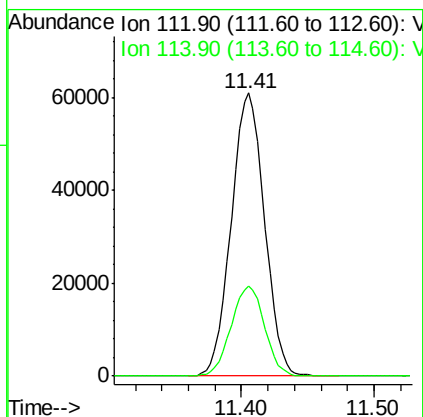
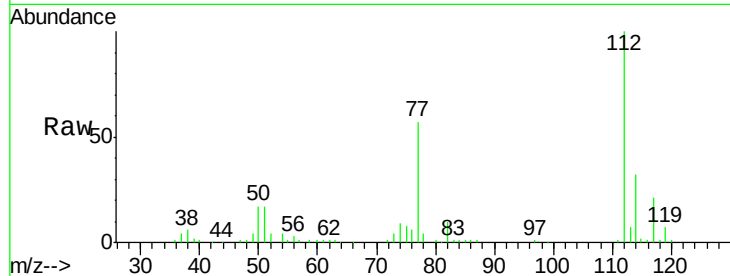




#65
Chlorobenzene
Concen: 17.562 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

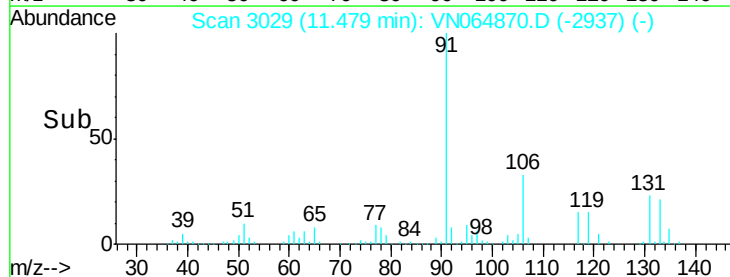
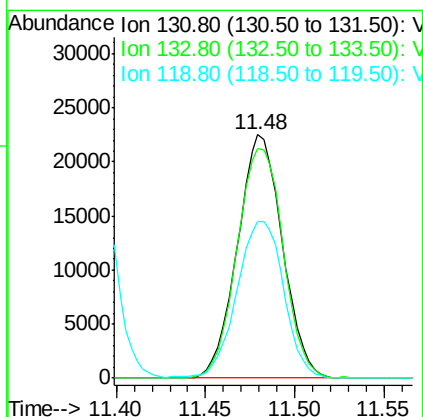
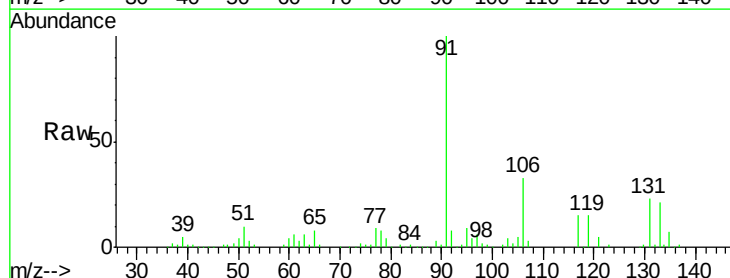
Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

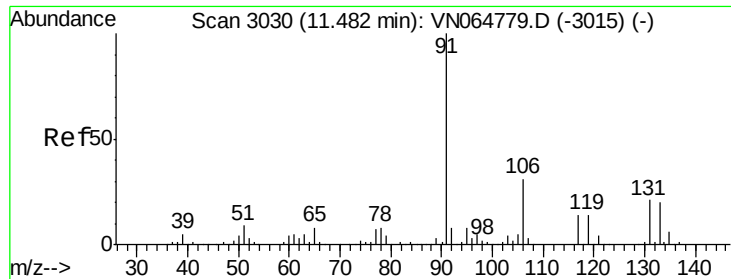
Tot Ion:112 Resp: 106240
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 17.733 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion:131 Resp: 39425
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.5
119 67.3 33.3 99.8

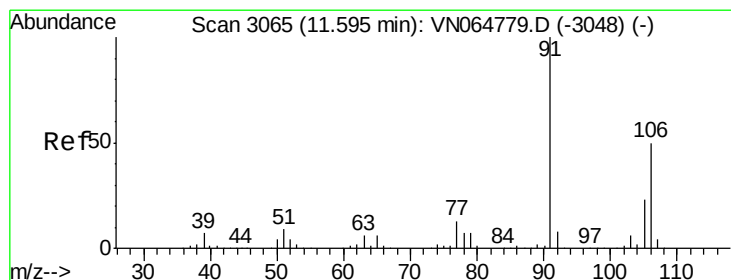
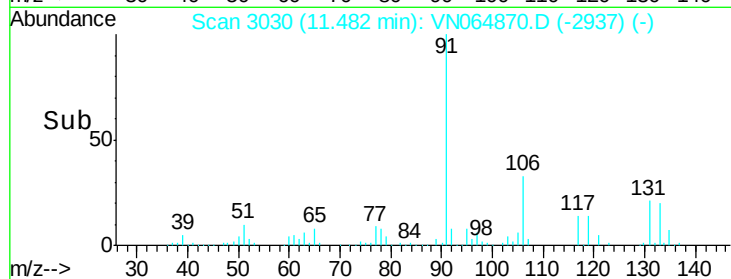
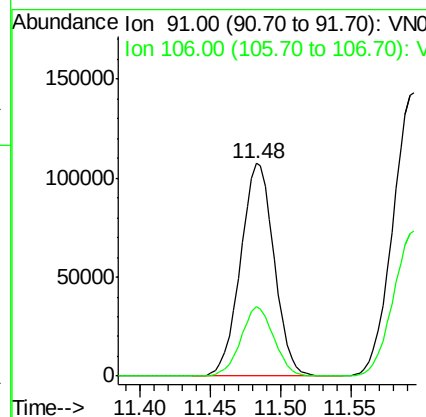
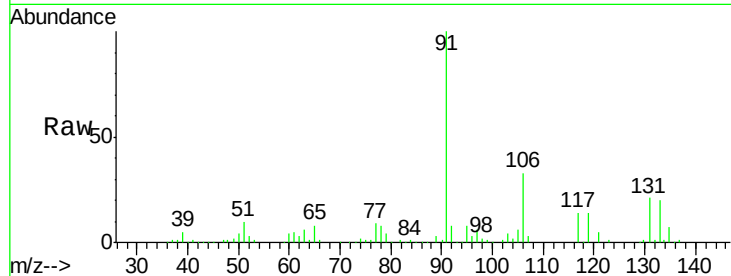




#67
Ethyl Benzene
Concen: 17.749 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

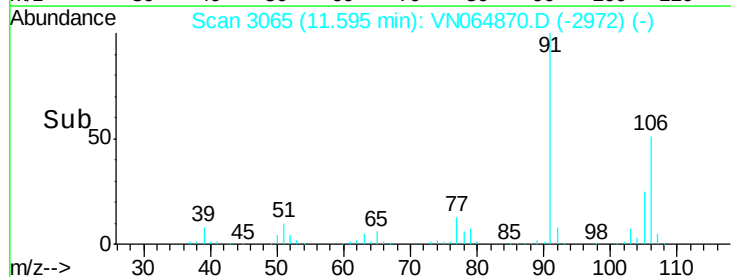
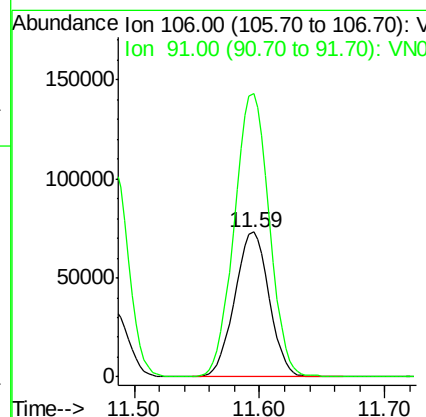
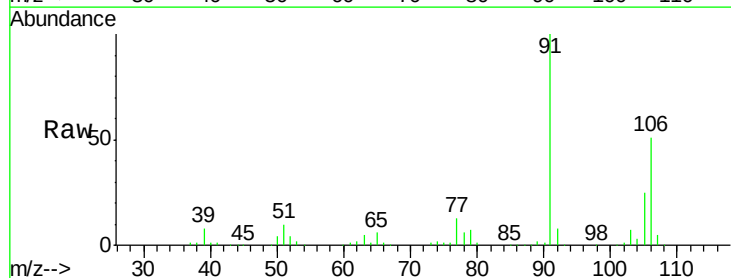
Instrument :
MSVOA_N
ClientSampled :
VN1130WBSD01

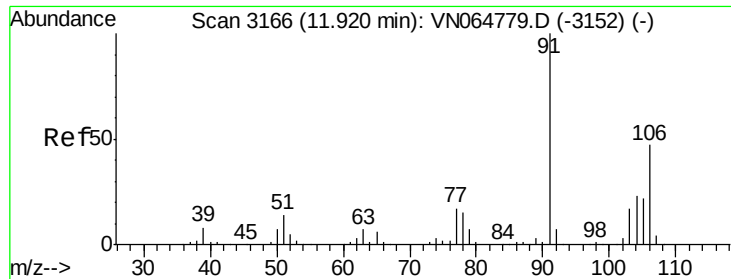
Tot Ion: 91 Resp: 179377
Ion Ratio Lower Upper
91 100
106 32.8 25.2 37.8



#68
m/p-Xylenes
Concen: 36.429 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 106 Resp: 139385
Ion Ratio Lower Upper
106 100
91 198.6 161.0 241.4

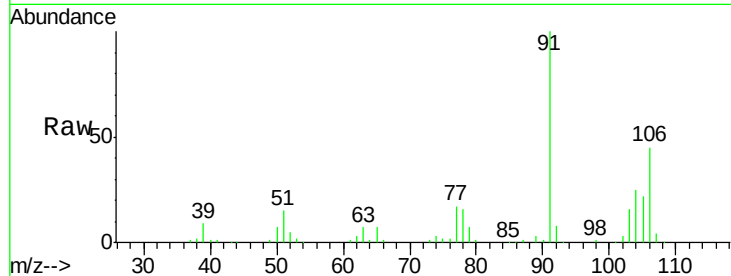




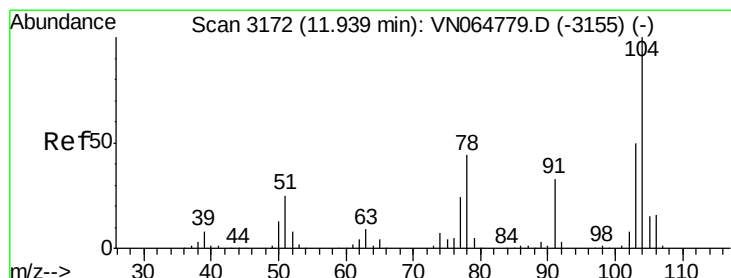
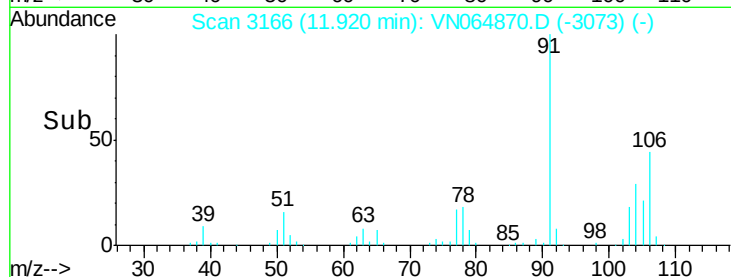
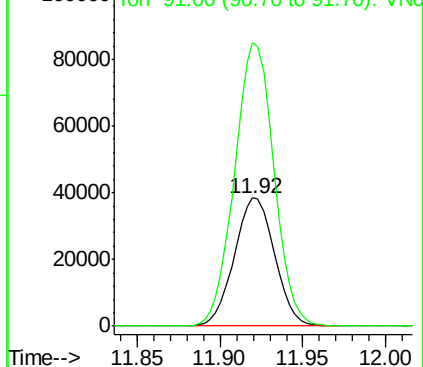
#69
o-Xylene
Concen: 17.891 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampled :
VN1130WBSD01

Tot Ion:106 Resp: 64961
Ion Ratio Lower Upper
106 100
91 217.2 105.5 316.5

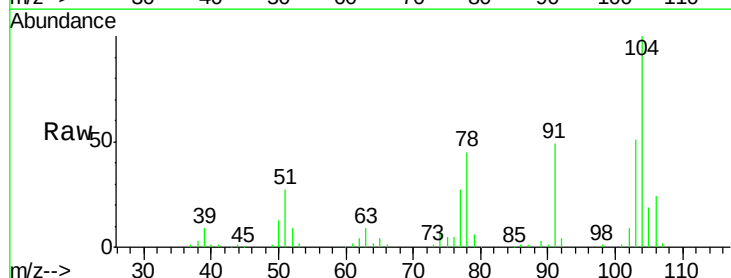


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

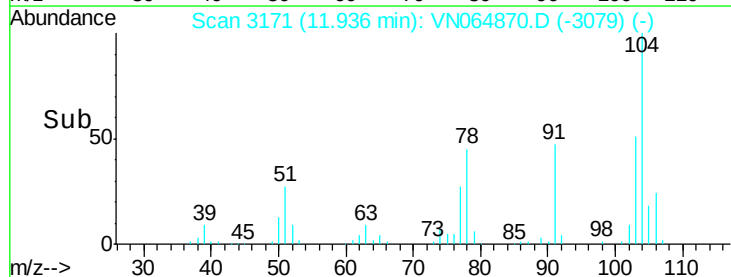
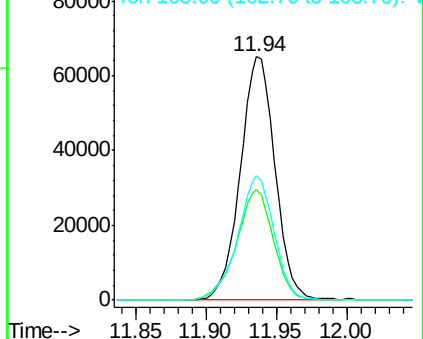


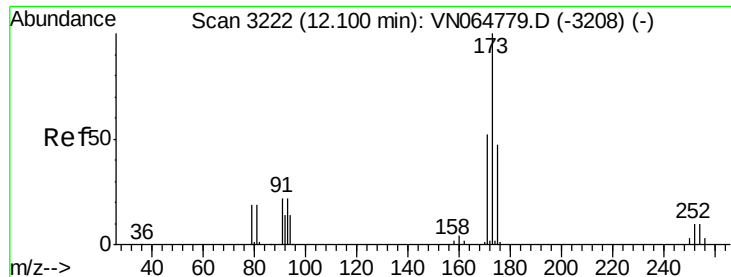
#70
Styrene
Concen: 18.323 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion:104 Resp: 112310
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.6
103 53.4 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: 17.349 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

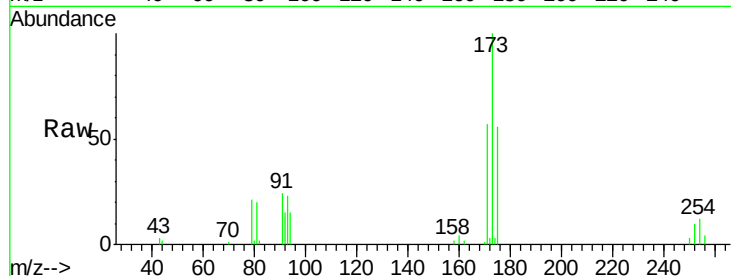
Tot Ion:173 Resp: 30806

Ion Ratio Lower Upper

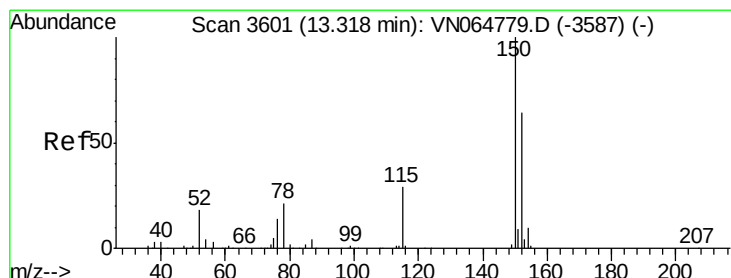
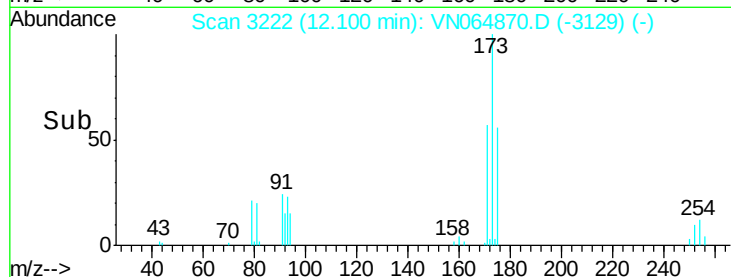
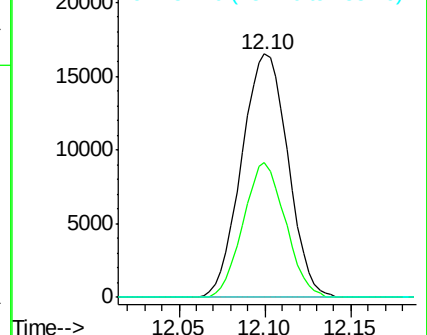
173 100

175 50.2 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: VN064870.D

Acq: 30 Nov 2020 14:12

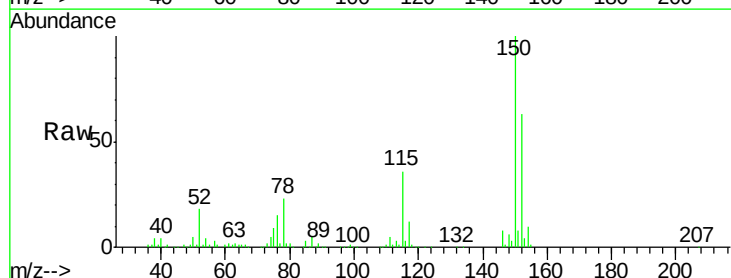
Tgt Ion:152 Resp: 136620

Ion Ratio Lower Upper

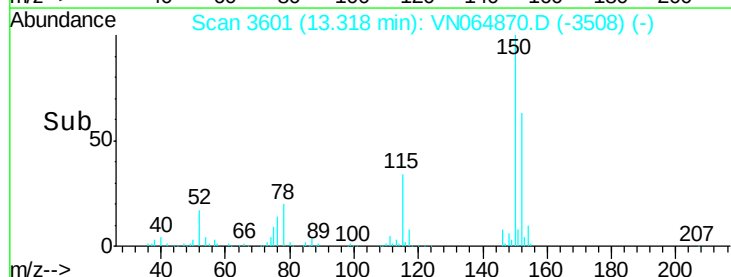
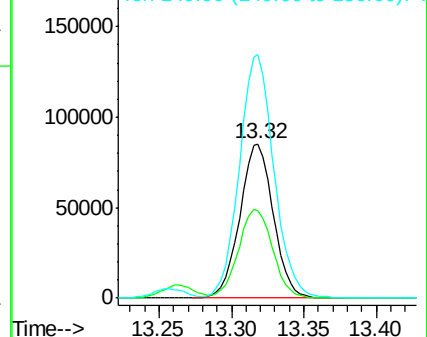
152 100

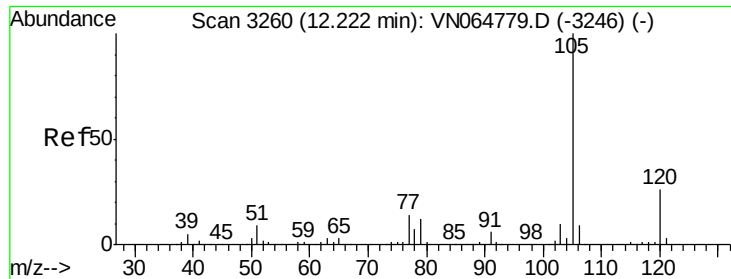
115 59.1 29.7 89.1

150 162.5 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: 18.479 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

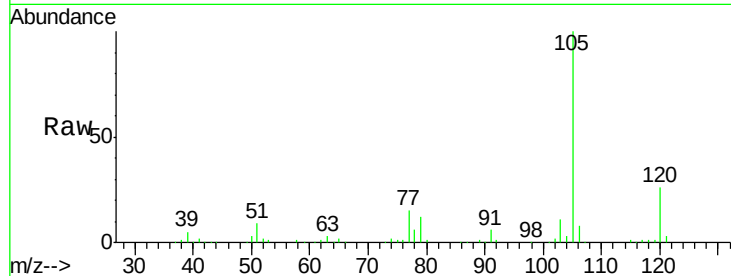
VN1130WBSD01

Tot Ion:105 Resp: 175607

Ion Ratio Lower Upper

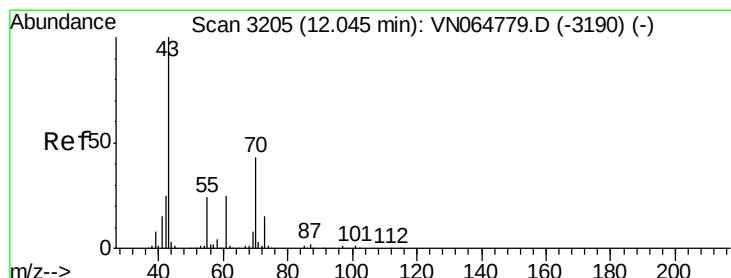
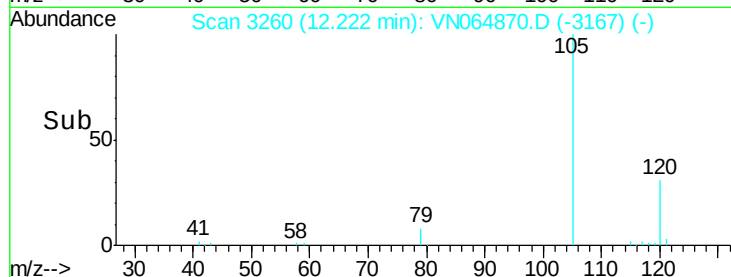
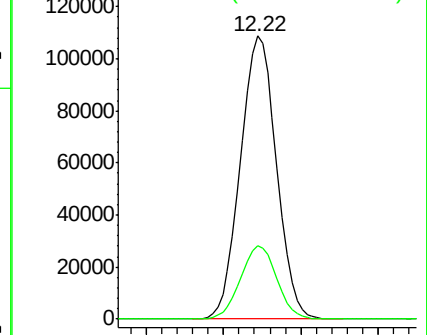
105 100

120 26.1 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: 17.630 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Tgt Ion: 43 Resp: 65933

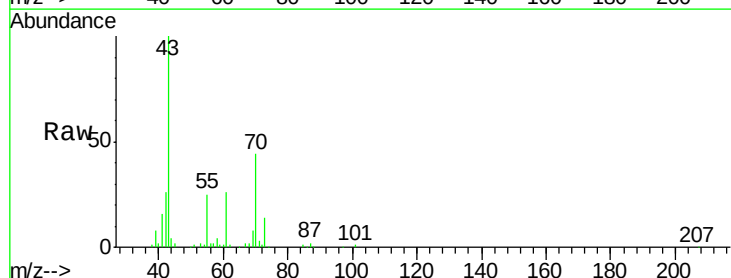
Ion Ratio Lower Upper

43 100

70 43.9 34.5 51.7

55 25.5 20.4 30.6

61 26.0 20.0 30.0

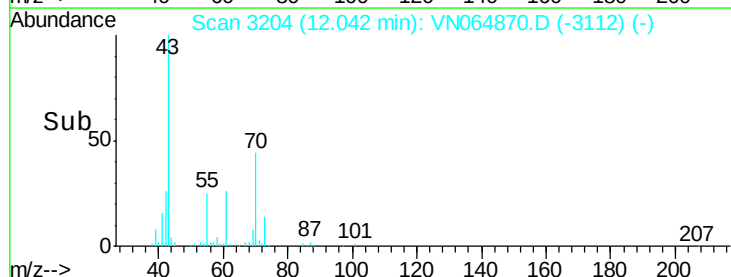
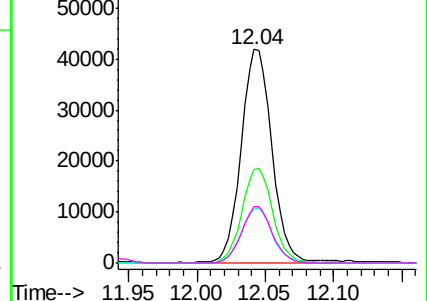


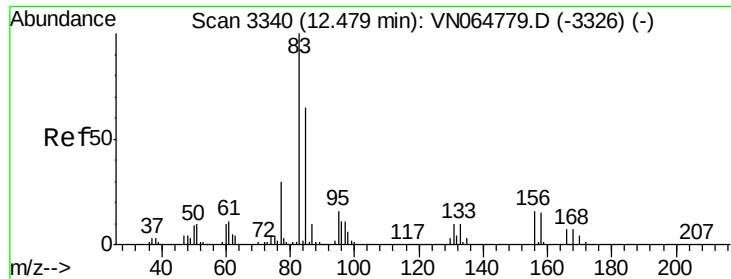
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 17.193 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

VN1130WBSD01

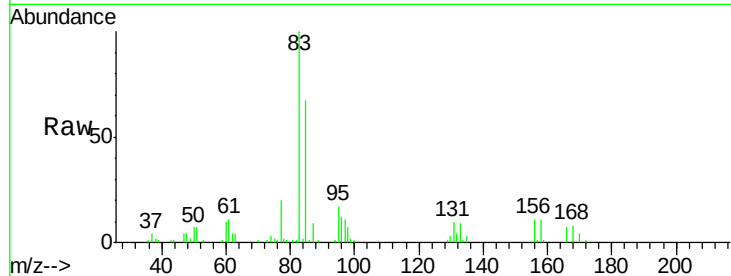
Tot Ion: 83 Resp: 47887

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

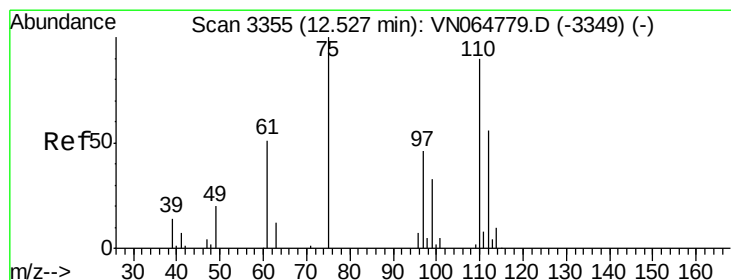
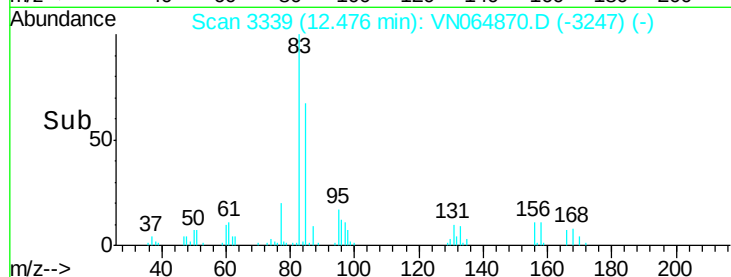
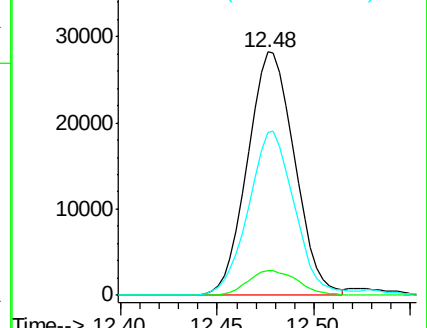
85 66.2 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064870.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064870.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064870.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 25.296 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064870.D

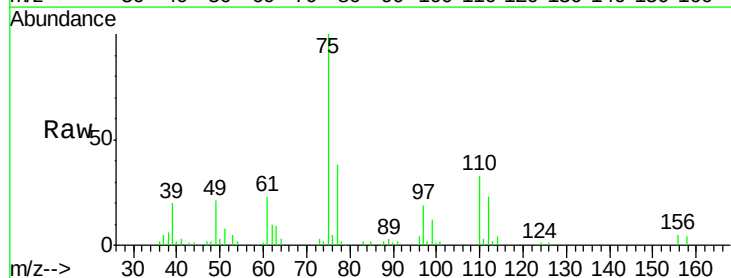
Acq: 30 Nov 2020 14:12

Tgt Ion: 75 Resp: 74427

Ion Ratio Lower Upper

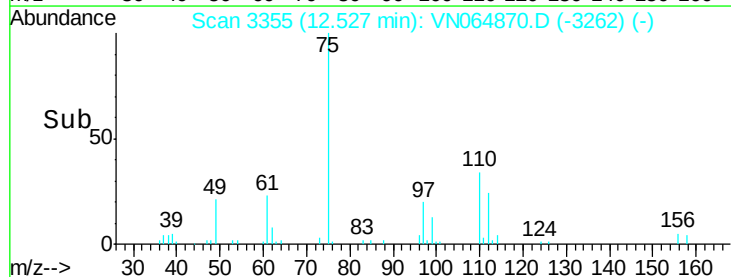
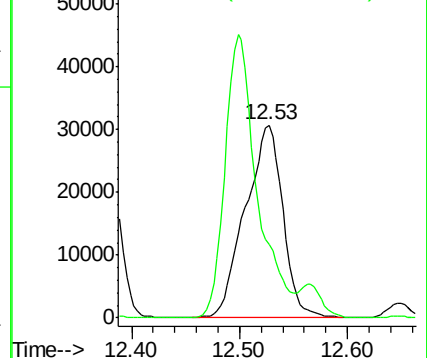
75 100

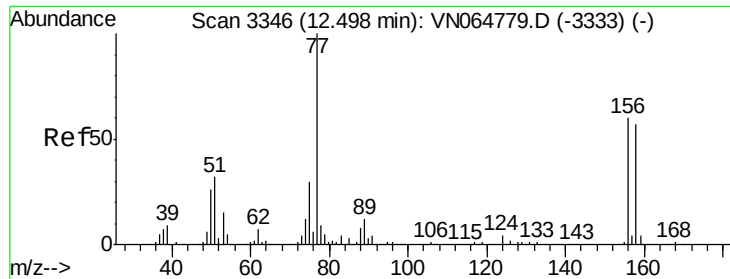
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064870.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064870.D (-3262) (-)

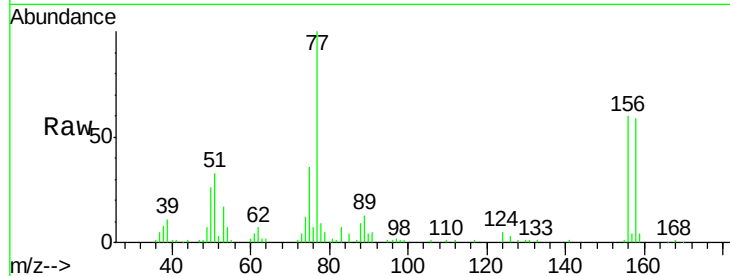




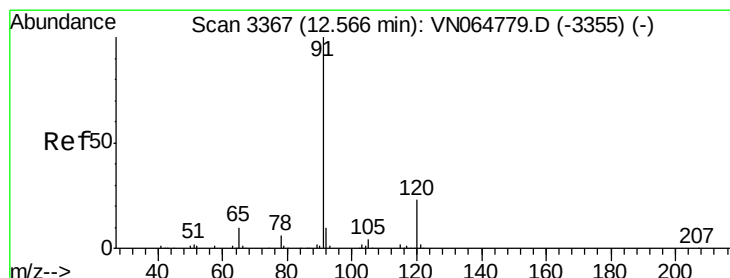
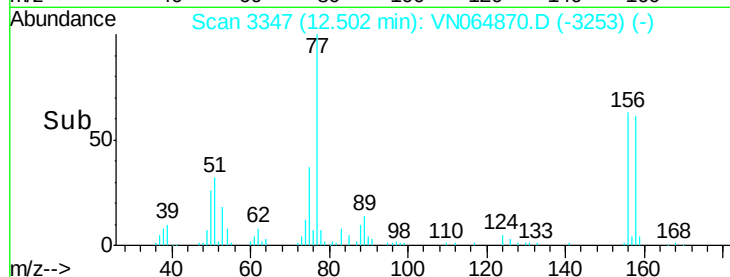
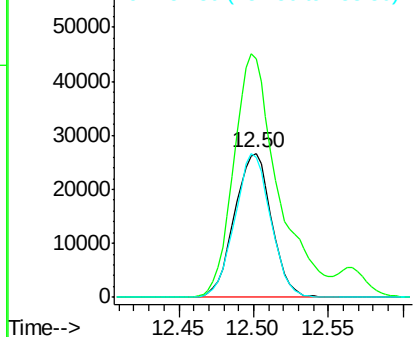
#77
Bromobenzene
Concen: 17.971 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :
VN1130WBSD01

Tot Ion:156 Resp: 46041
Ion Ratio Lower Upper
156 100
77 201.7 101.3 303.7
158 96.5 48.2 144.6

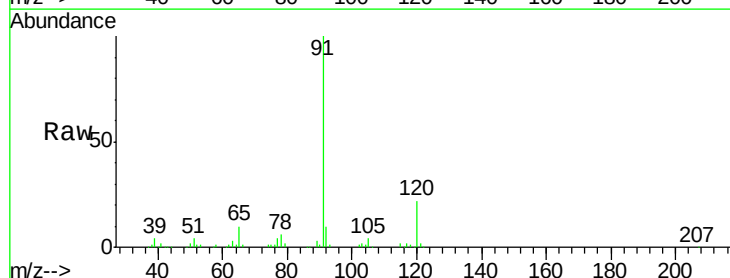


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

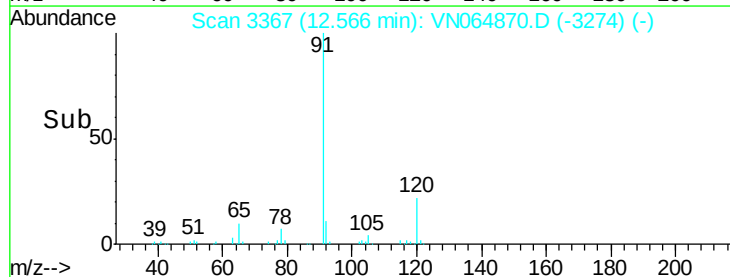
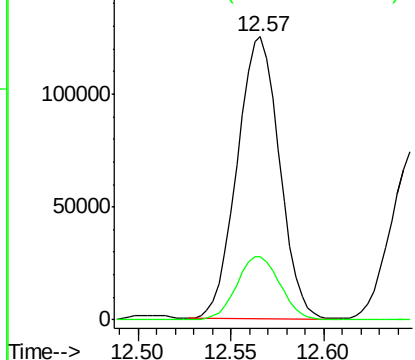


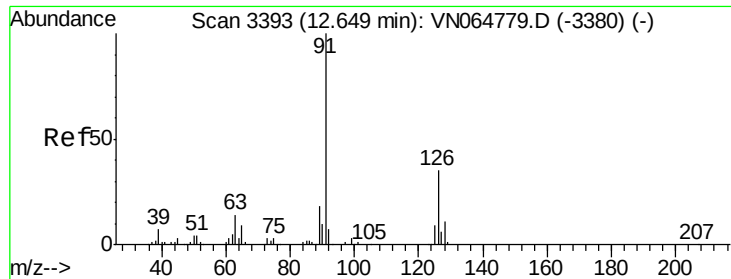
#78
n-propylbenzene
Concen: 18.359 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 91 Resp: 198753
Ion Ratio Lower Upper
91 100
120 23.0 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: 18.301 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

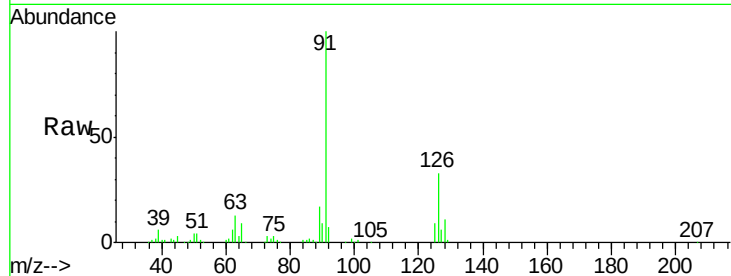
VN1130WBSD01

Tot Ion: 91 Resp: 122468

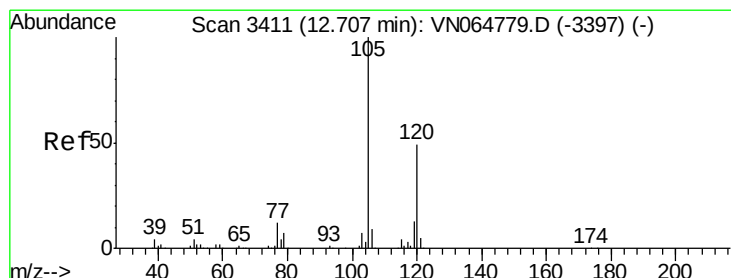
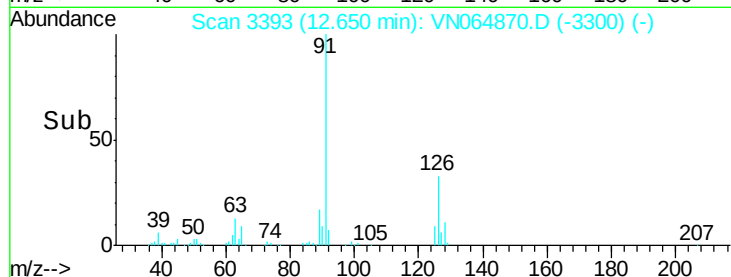
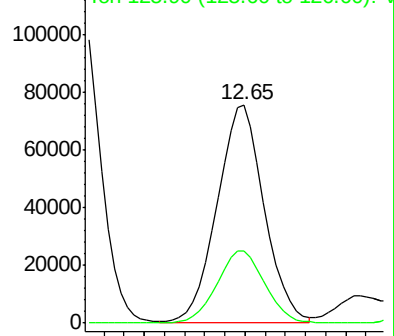
Ion Ratio Lower Upper

91 100

126 34.0 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064870.D (-3393) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.135 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064870.D

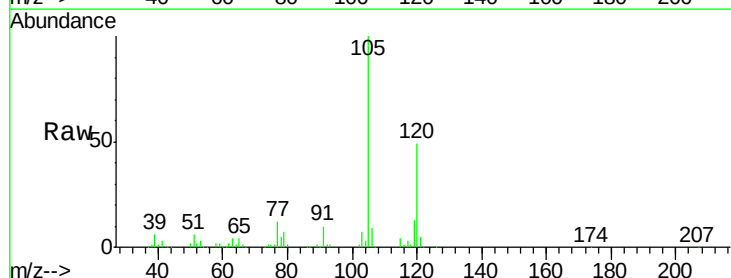
Acq: 30 Nov 2020 14:12

Tgt Ion: 105 Resp: 151145

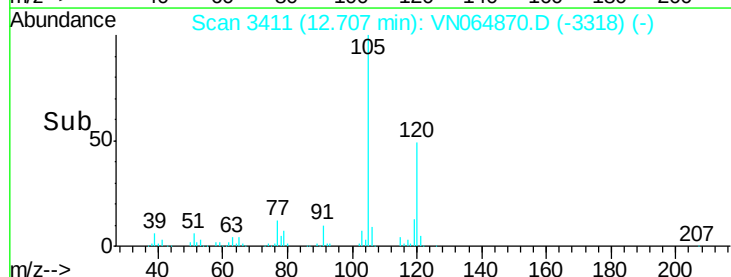
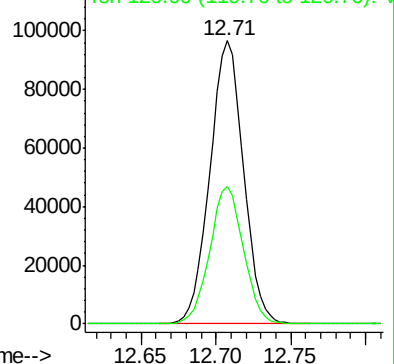
Ion Ratio Lower Upper

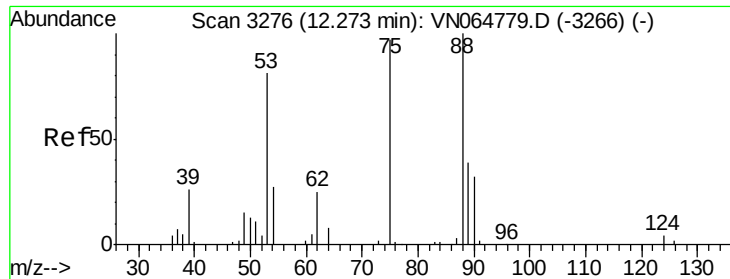
105 100

120 48.6 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064870.D (-3411) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.492 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampled :

VN1130WBSD01

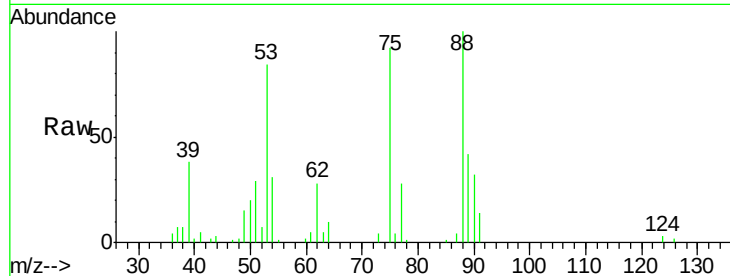
Tot Ion: 75 Resp: 17704

Ion Ratio Lower Upper

75 100

53 95.2 67.0 100.4

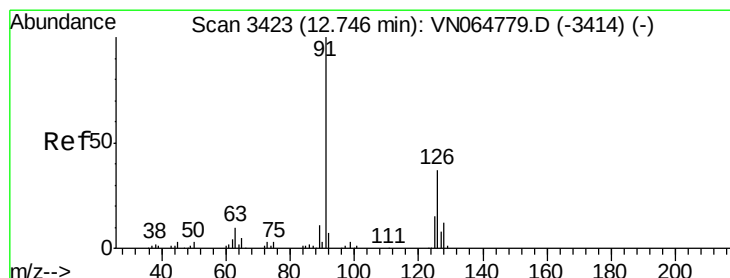
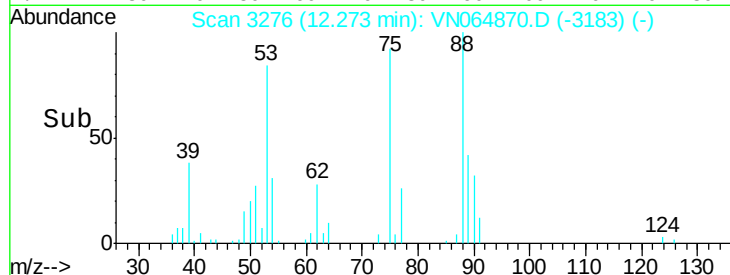
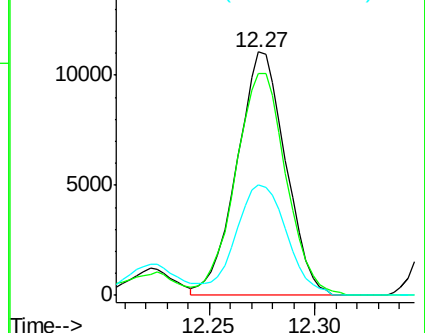
89 47.9 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN064870.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN064870.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN064870.D (-3183) (-)



#82

4-Chlorotoluene

Concen: 18.484 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064870.D

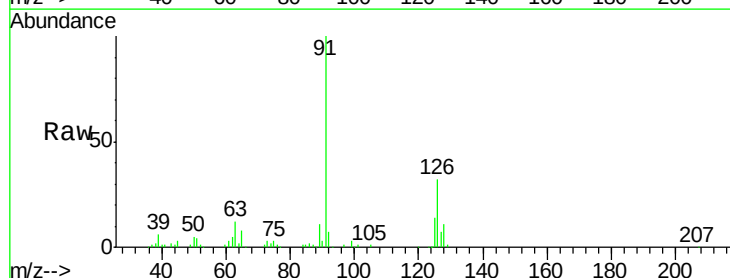
Acq: 30 Nov 2020 14:12

Tgt Ion: 91 Resp: 129651

Ion Ratio Lower Upper

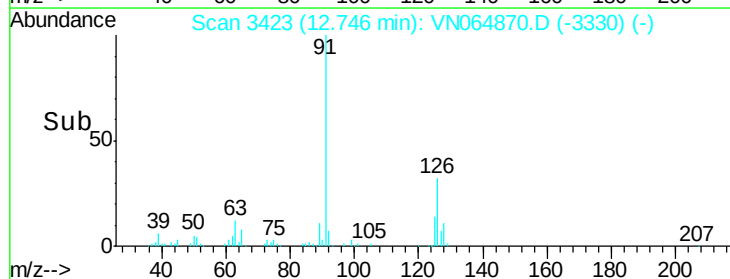
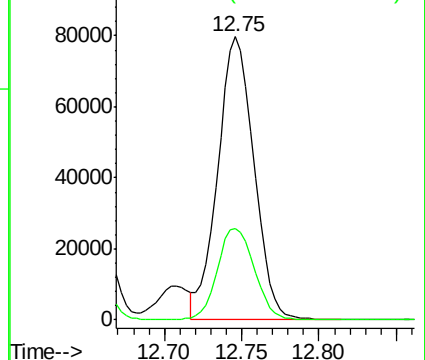
91 100

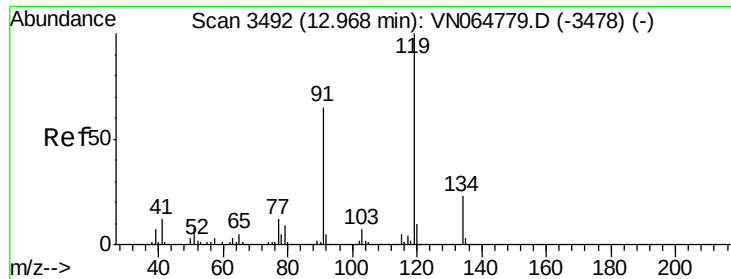
126 33.2 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN064870.D (-3330) (-)

Ion 125.90 (125.60 to 126.60): VN064870.D (-3330) (-)

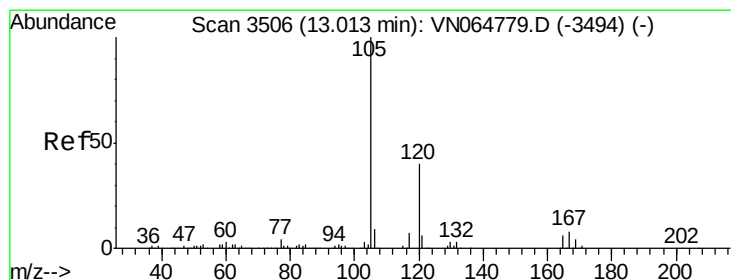
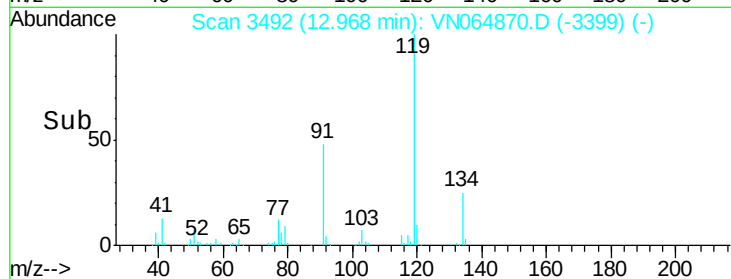
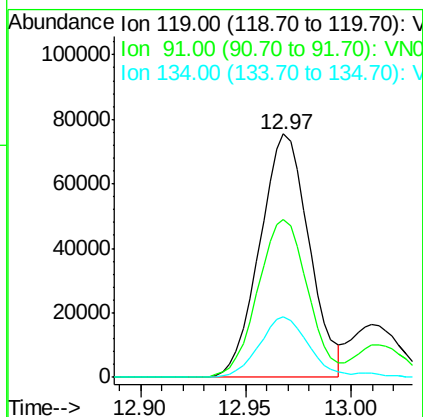
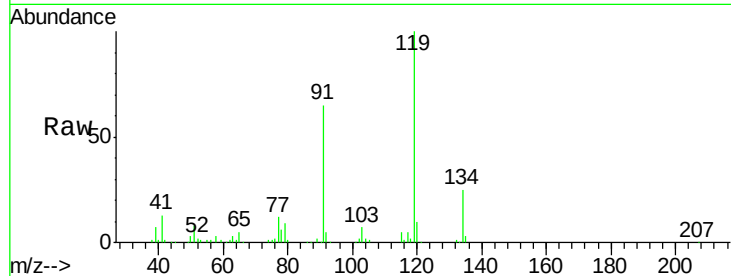




#83
 tert-Butylbenzene
 Concen: 18.586 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

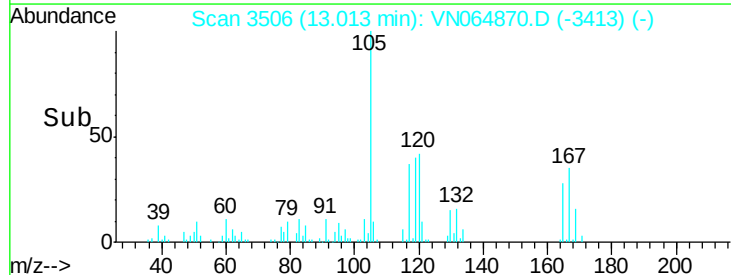
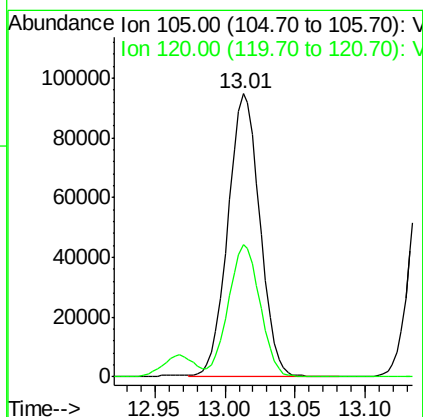
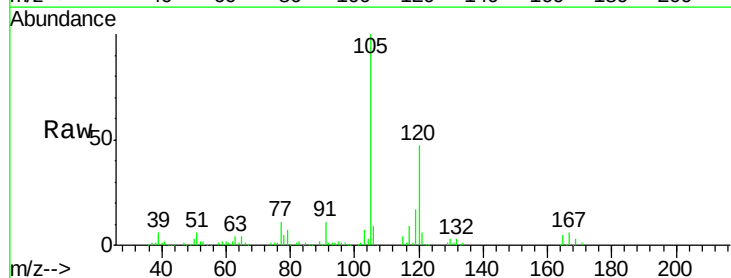
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

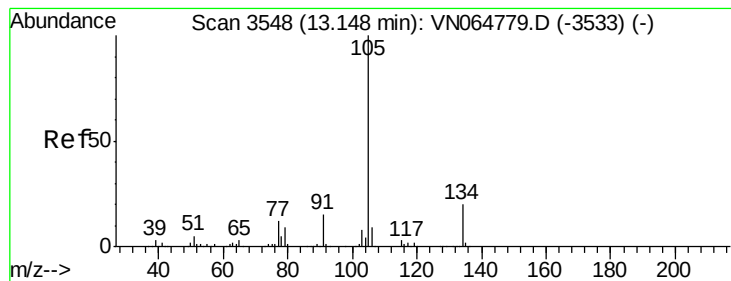
Tot Ion:119 Resp: 123049
 Ion Ratio Lower Upper
 119 100
 91 66.1 32.3 96.8
 134 24.7 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.854 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion:105 Resp: 150569
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.788 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

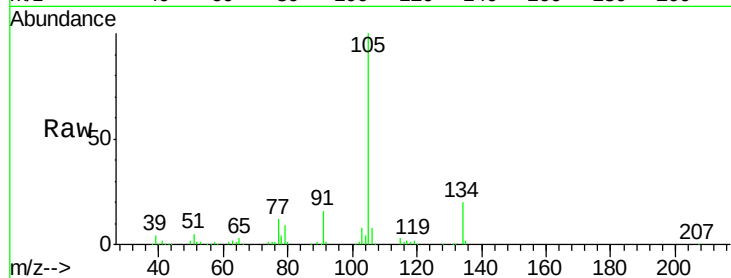
VN1130WBSD01

Tot Ion:105 Resp: 165154

Ion Ratio Lower Upper

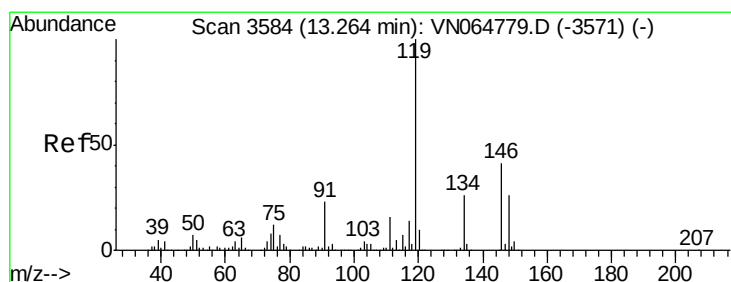
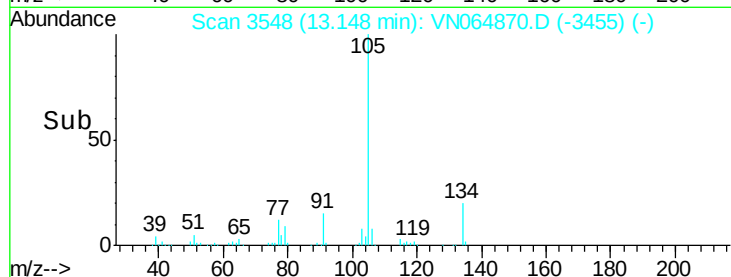
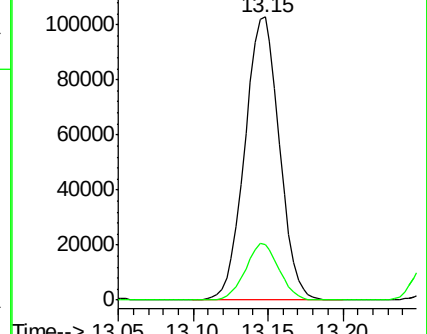
105 100

134 19.4 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: 19.219 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

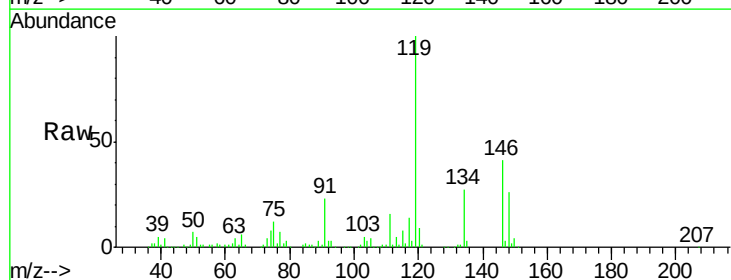
Tgt Ion:119 Resp: 153809

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

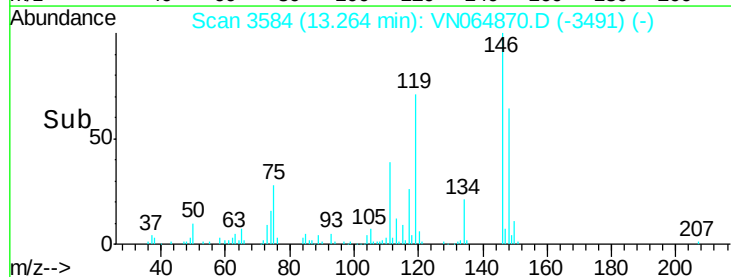
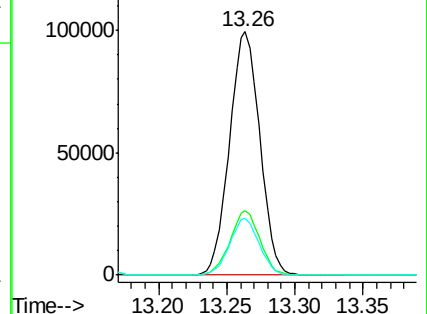
91 22.8 11.5 34.5

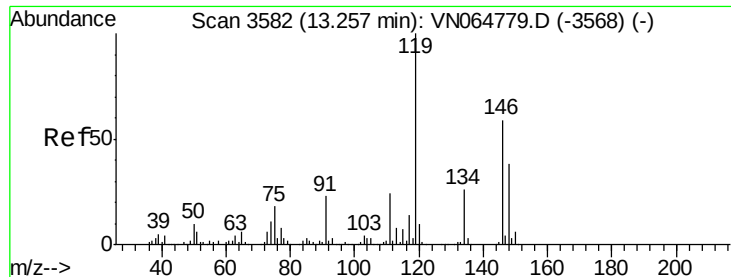


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

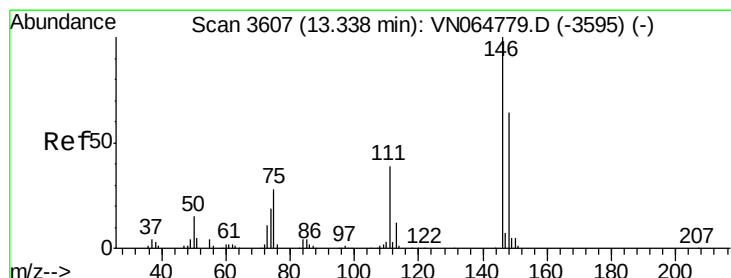
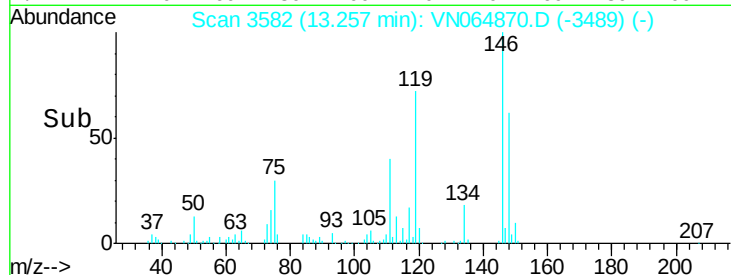
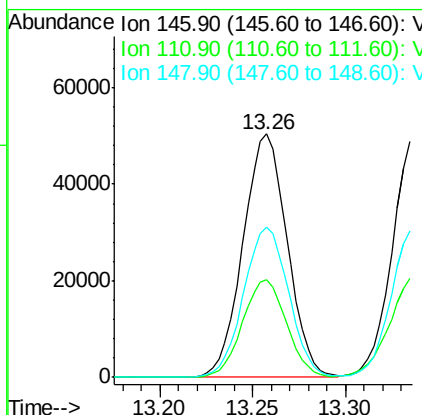
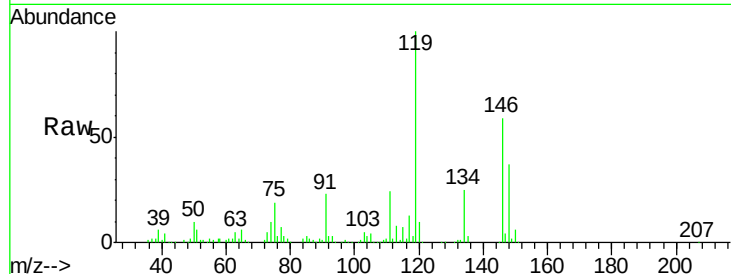




#87
 1,3-Dichlorobenzene
 Concen: 18.321 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

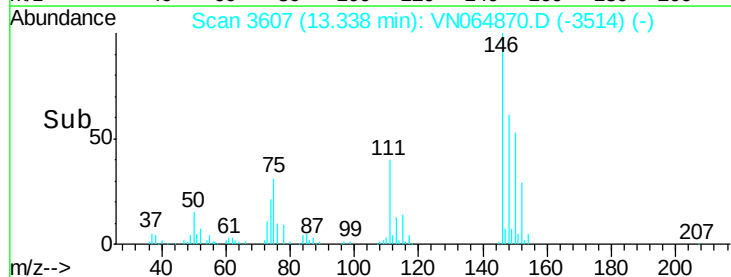
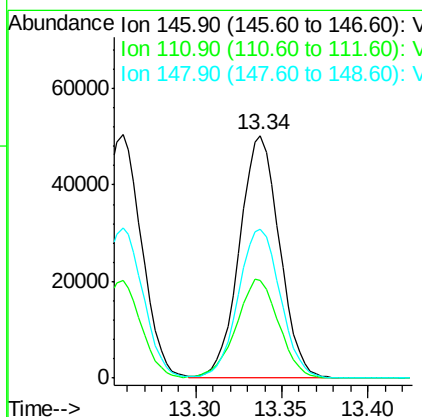
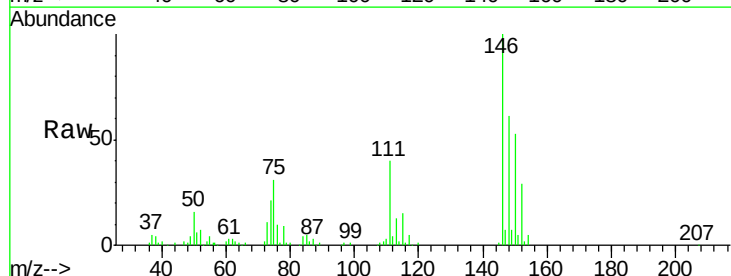
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

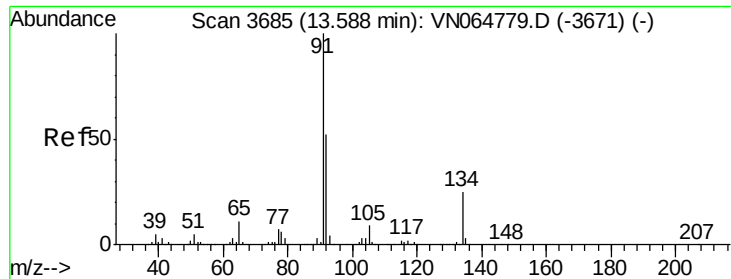
Tot Ion:146 Resp: 83392
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.6 61.9
 148 62.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 16.939 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion:146 Resp: 81540
 Ion Ratio Lower Upper
 146 100
 111 43.1 19.8 59.3
 148 64.5 31.9 95.5

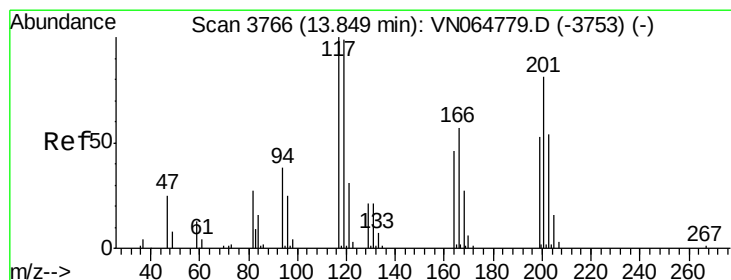
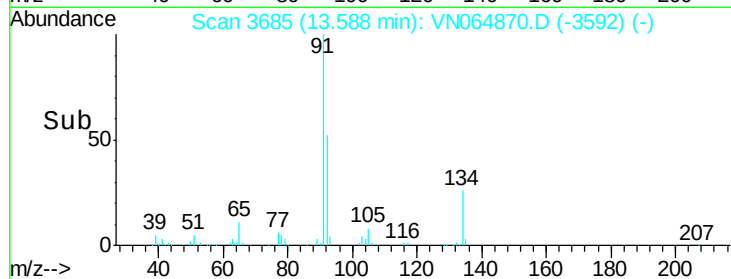
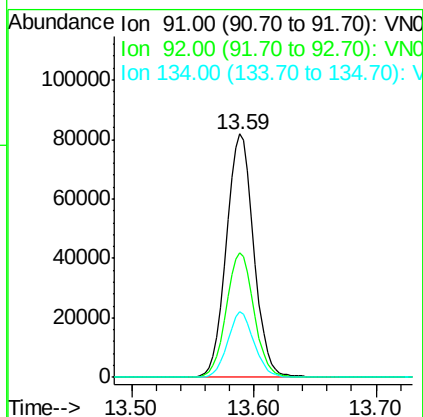
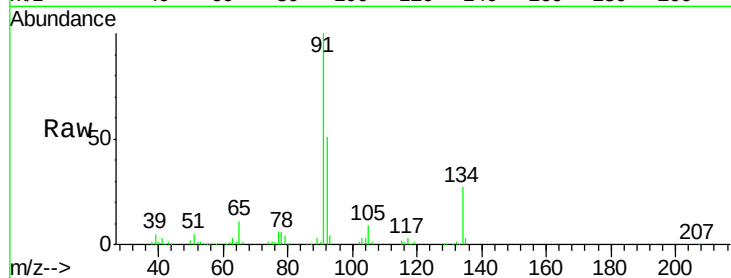




#89
n-Butylbenzene
Concen: 18.370 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

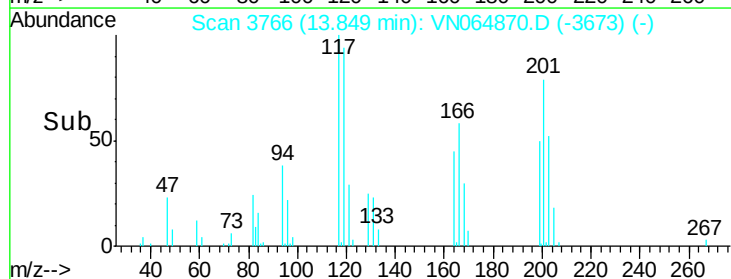
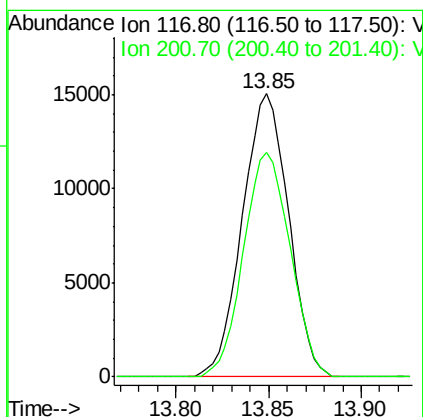
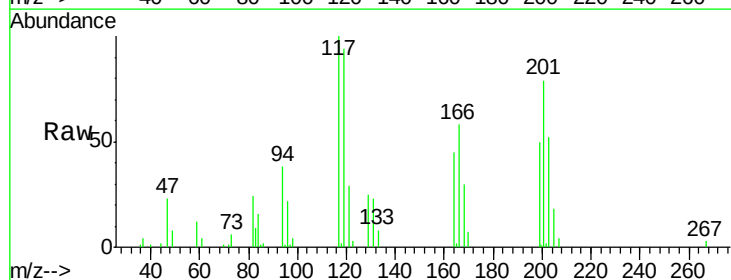
Instrument :
MSVOA_N
ClientSampled :
VN1130WBSD01

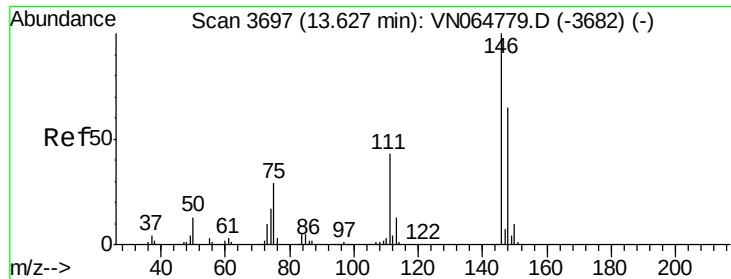
Tot Ion: 91 Resp: 129110
Ion Ratio Lower Upper
91 100
92 51.5 26.0 78.0
134 25.9 12.9 38.6



#90
Hexachloroethane
Concen: 18.692 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Tgt Ion: 117 Resp: 25987
Ion Ratio Lower Upper
117 100
201 80.2 40.1 120.3

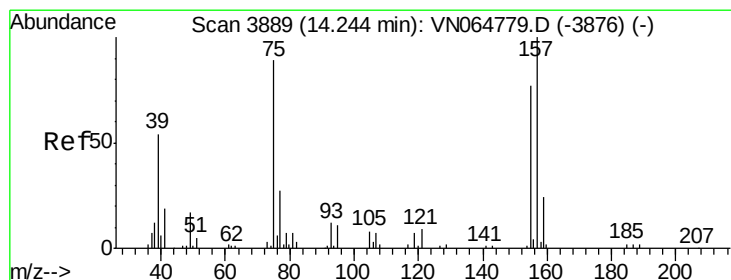
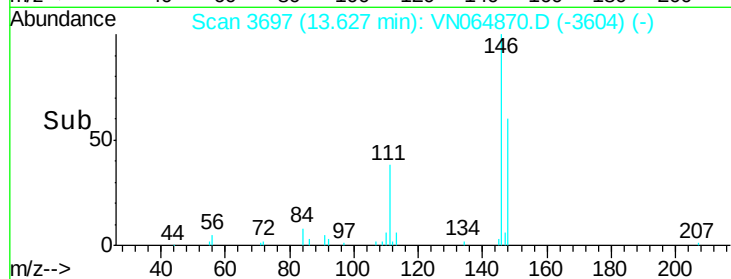
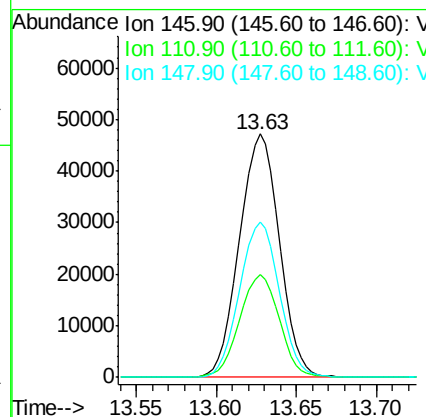
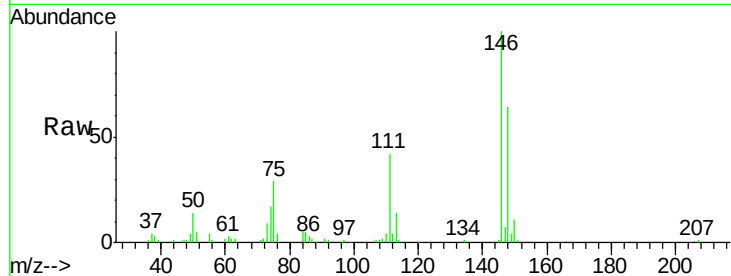




#91
 1,2-Dichlorobenzene
 Concen: 18.039 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

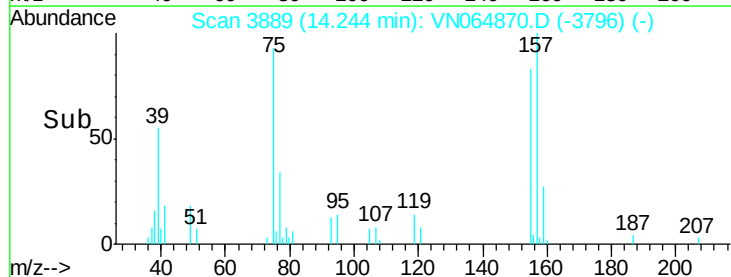
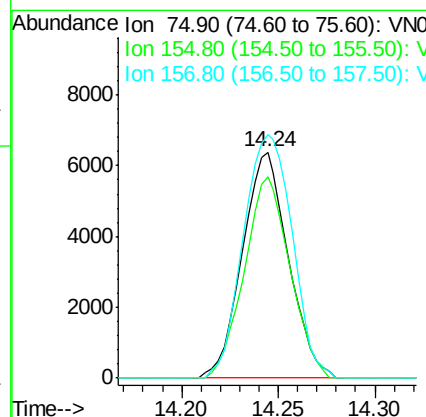
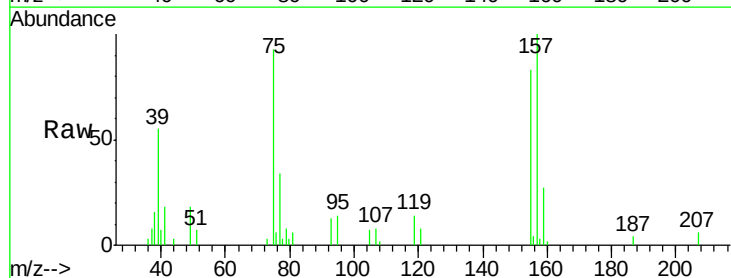
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130WBSD01

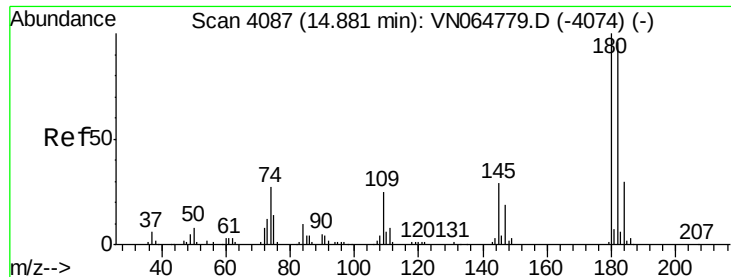
Tot Ion:146 Resp: 80621
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.1
 148 63.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.830 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion: 75 Resp: 10548
 Ion Ratio Lower Upper
 75 100
 155 88.3 42.8 128.3
 157 114.8 56.4 169.1

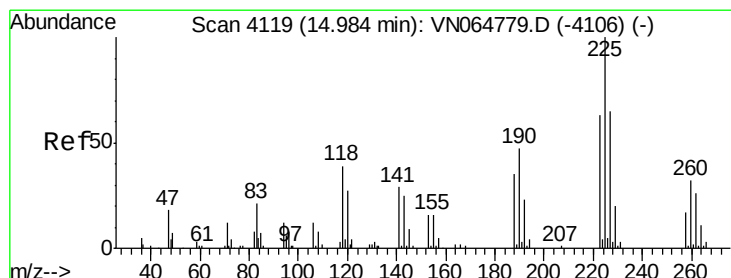
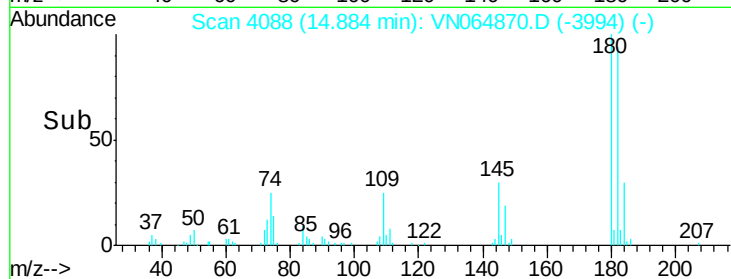
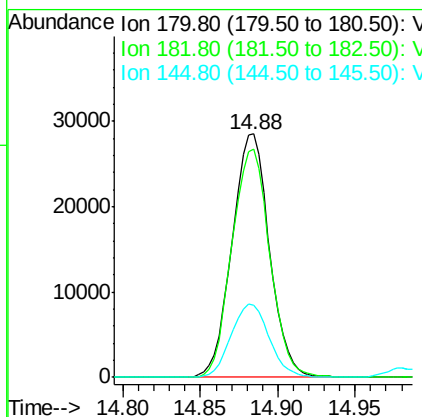
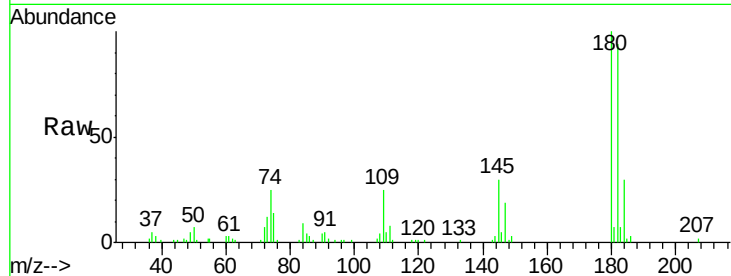




#93
 1,2,4-Trichlorobenzene
 Concen: 17.315 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

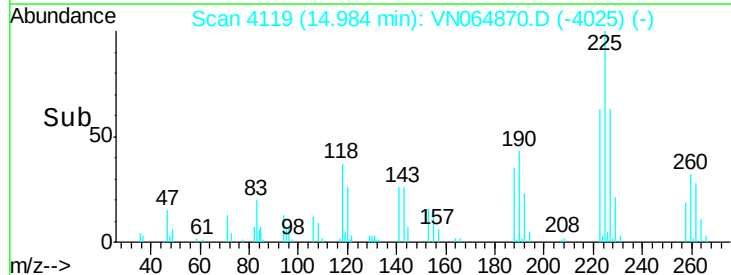
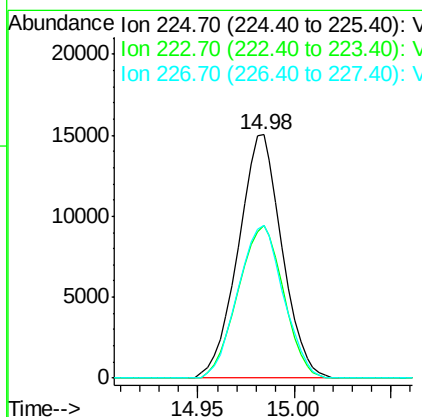
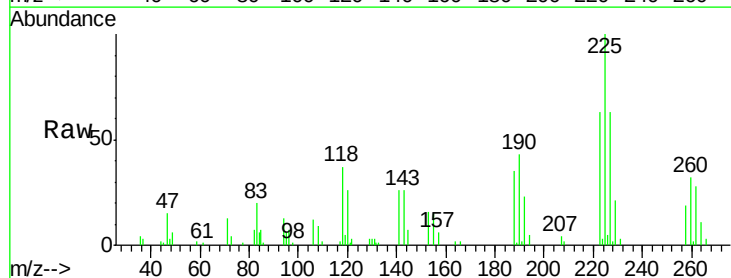
Instrument :
 MSVOA_N
 ClientSampled :
 VN1130WBSD01

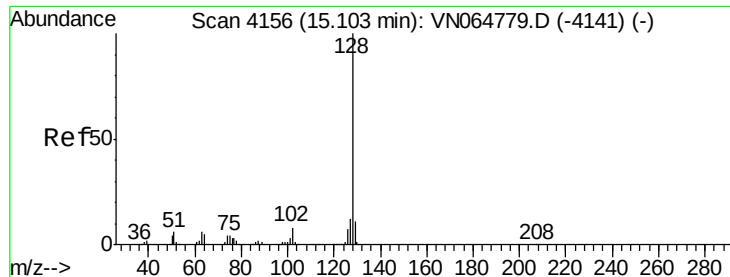
Tot Ion:180 Resp: 47873
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.6 142.9
 145 30.6 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 19.219 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

Tgt Ion:225 Resp: 23640
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.0 93.0
 227 65.4 32.0 96.0





#95

Naphthalene

Concen: 16.450 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :

MSVOA_N

ClientSampleId :

VN1130WBSD01

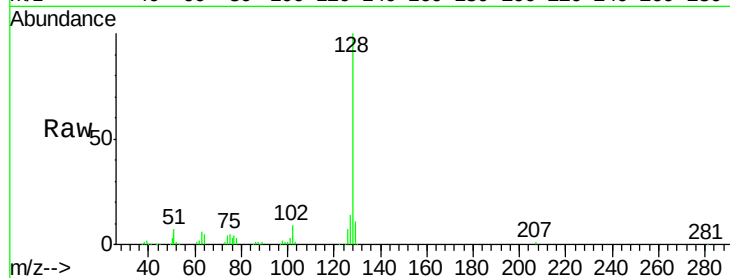
Tot Ion:128 Resp: 136257

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

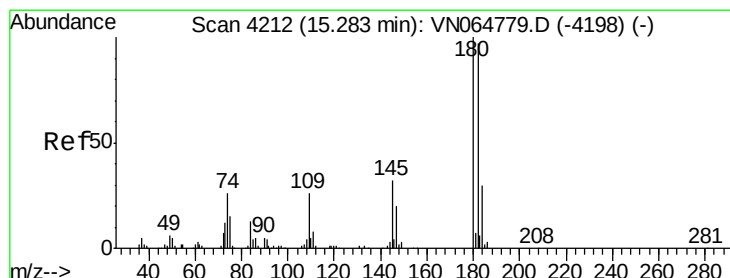
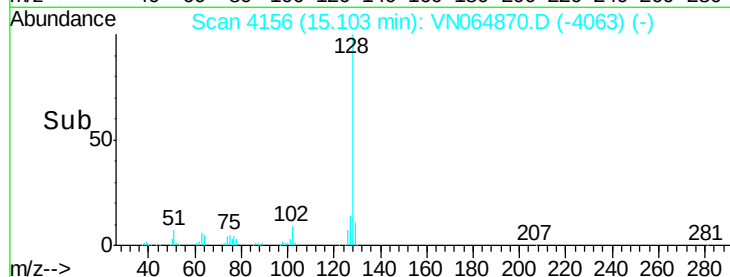
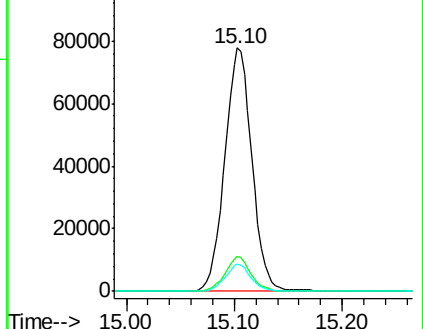
129 10.6 8.7 13.1



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: 18.338 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

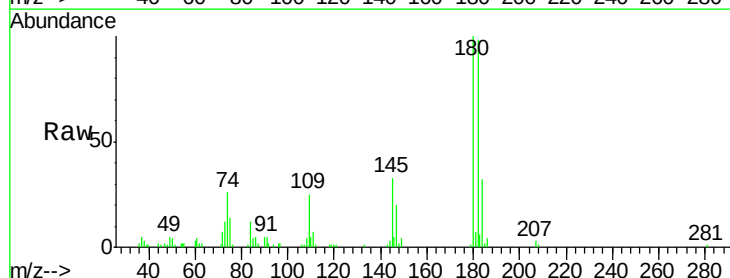
Tgt Ion:180 Resp: 45799

Ion Ratio Lower Upper

180 100

182 97.6 48.1 144.4

145 33.0 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

