

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 :

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

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

						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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 ClientSampleId :

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)
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

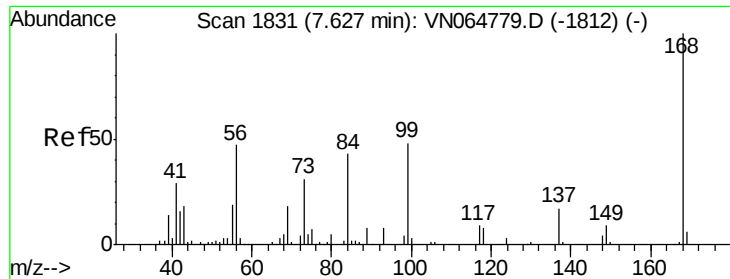
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
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Quant Time: Dec 01 01:22:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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

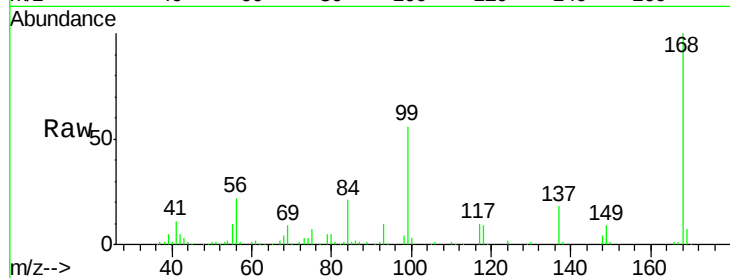
ClientSampled :

Tot Ion:168 Resp: 195869

Ion Ratio Lower Upper

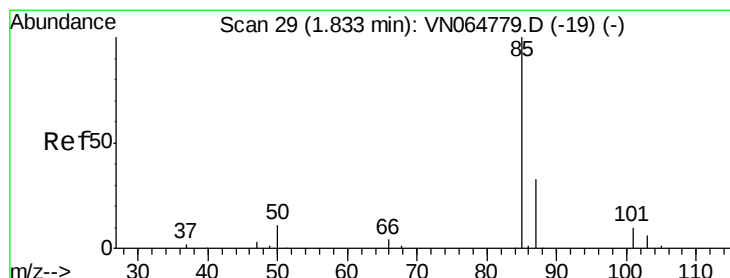
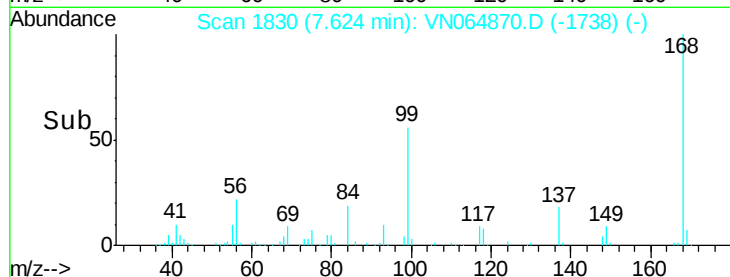
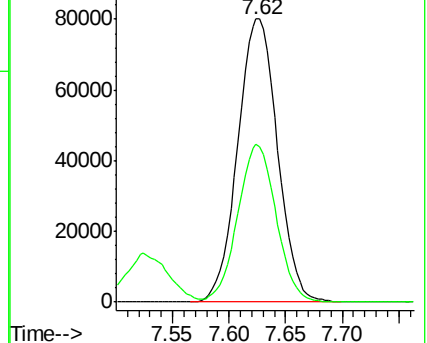
168 100

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): VNO



#2

Dichlorodifluoromethane

Concen: 16.509 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064870.D

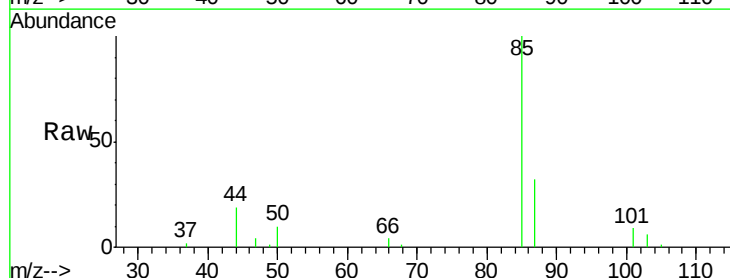
Acq: 30 Nov 2020 14:12

Tgt Ion: 85 Resp: 28025

Ion Ratio Lower Upper

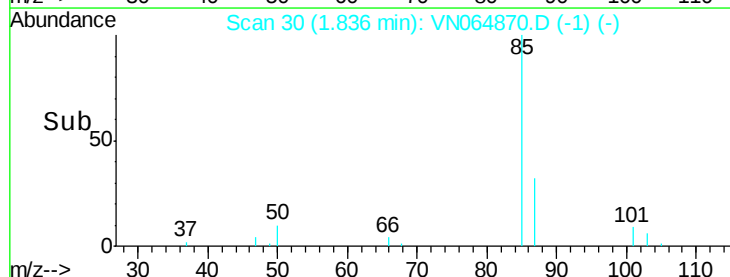
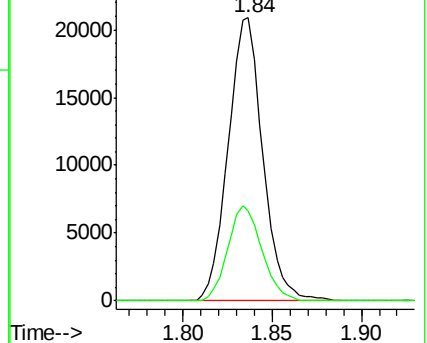
85 100

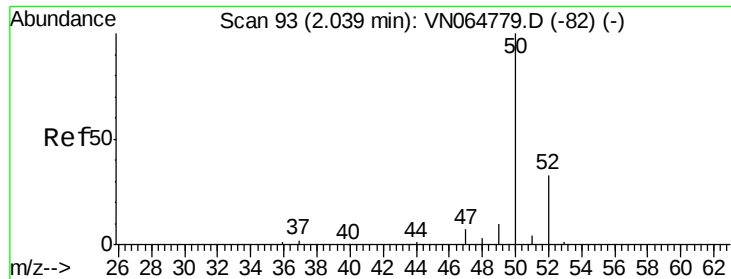
87 31.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

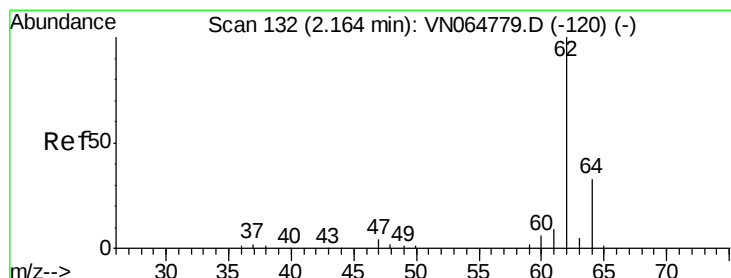
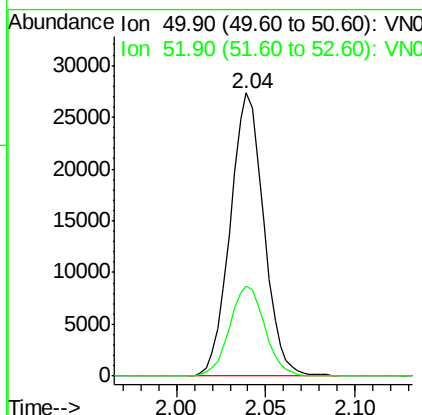
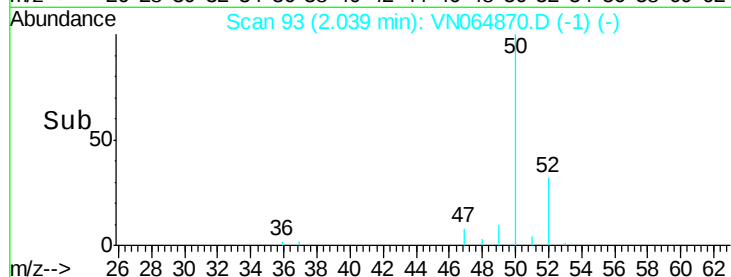
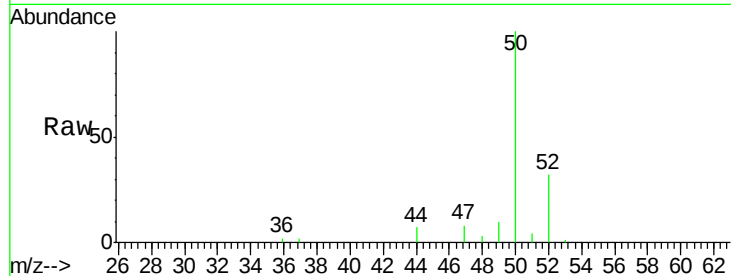




#3
 Chloromethane
 Concen: 16.201 ug/l
 RT: 2.04 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

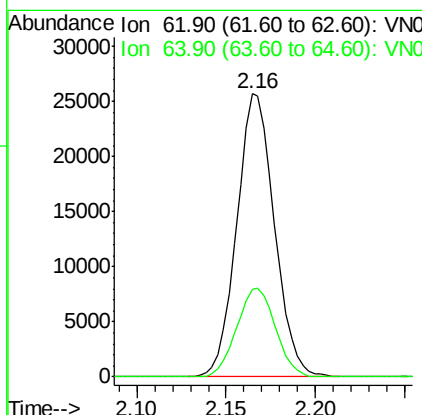
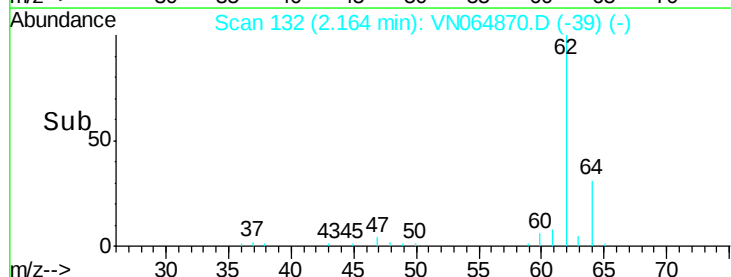
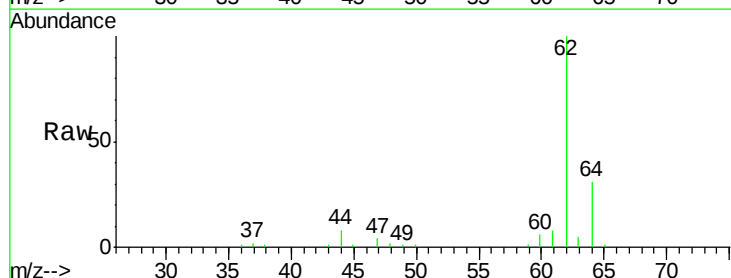
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 50 Resp: 35738
 Ion Ratio Lower Upper
 50 100
 52 31.7 26.6 39.8



#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





#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

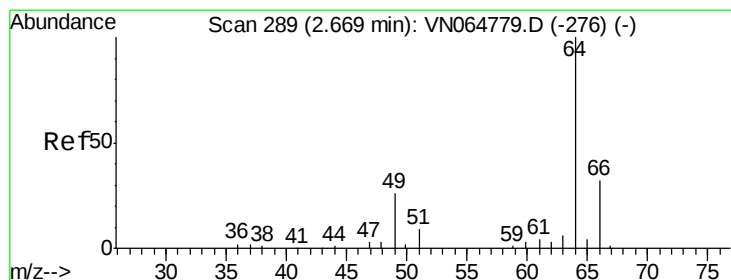
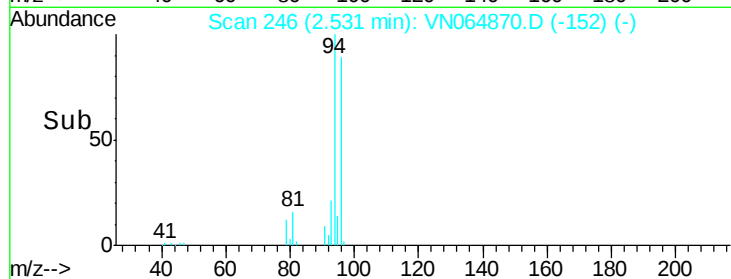
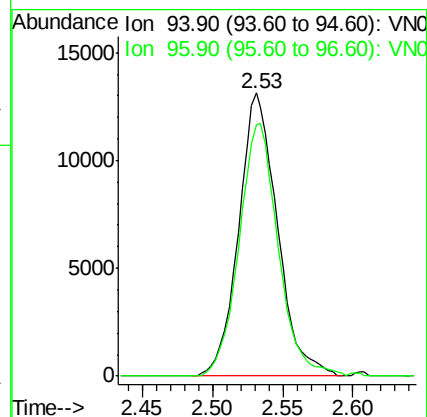
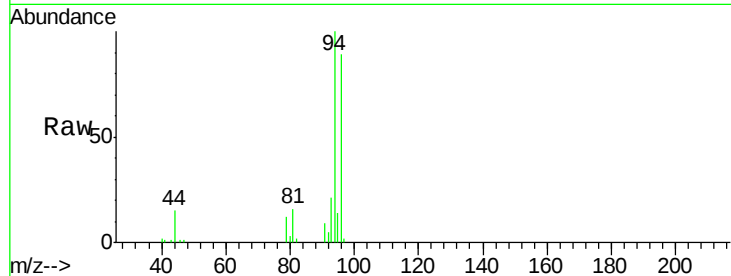
ClientSampled :

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

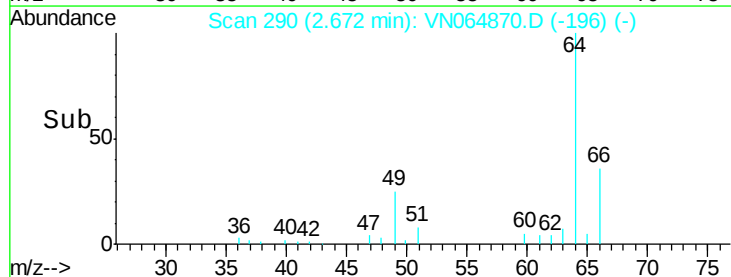
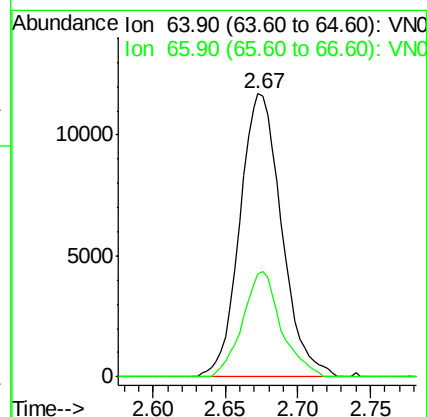
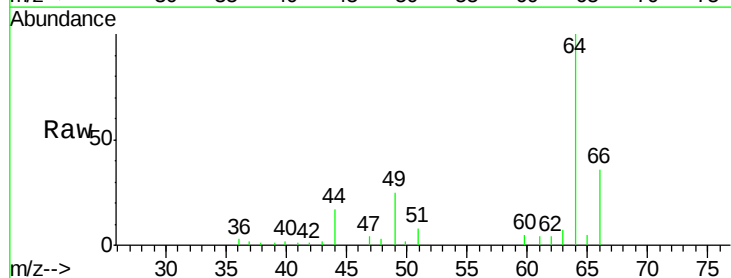
Acq: 30 Nov 2020 14:12

Tgt Ion: 64 Resp: 23450

Ion Ratio Lower Upper

64 100

66 36.4 25.6 38.4



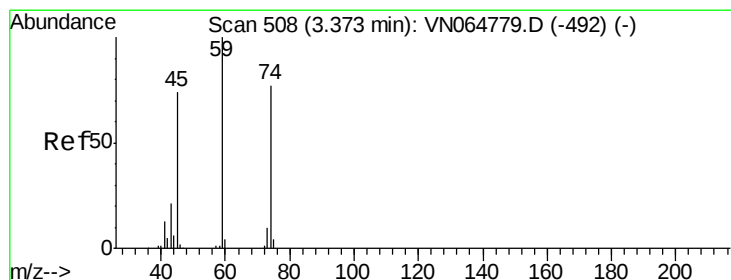
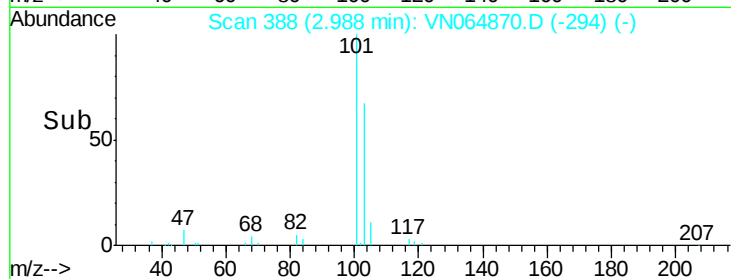
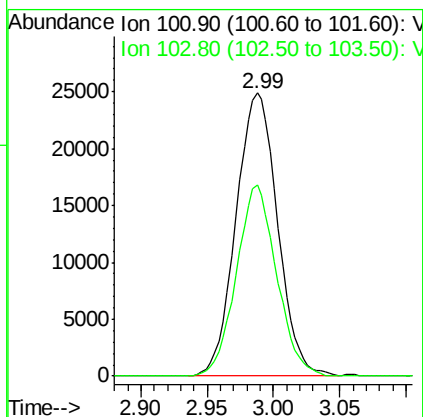
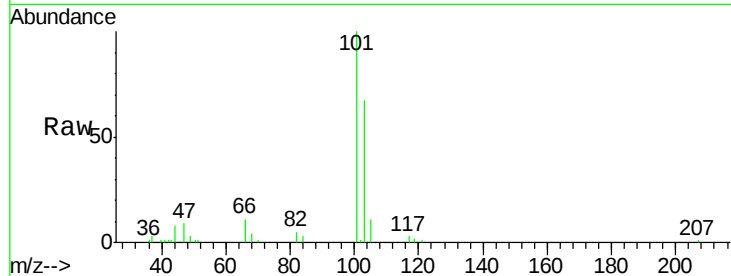


#7

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
 ClientSampled :

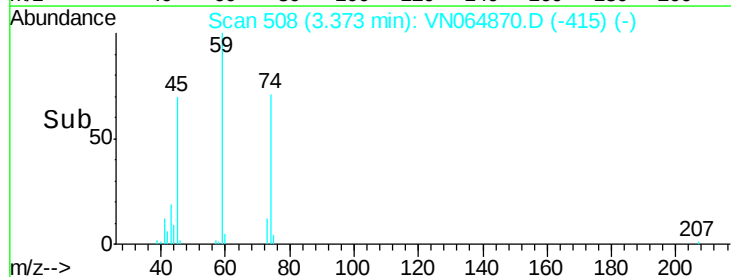
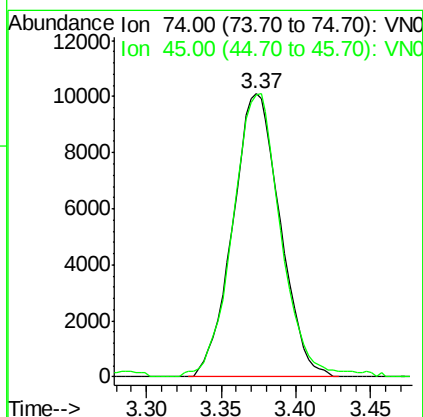
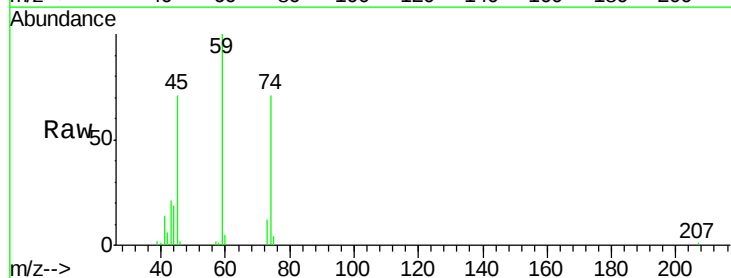
Tot Ion:101 Resp: 54266
 Ion Ratio Lower Upper
 101 100
 103 67.4 50.5 75.7

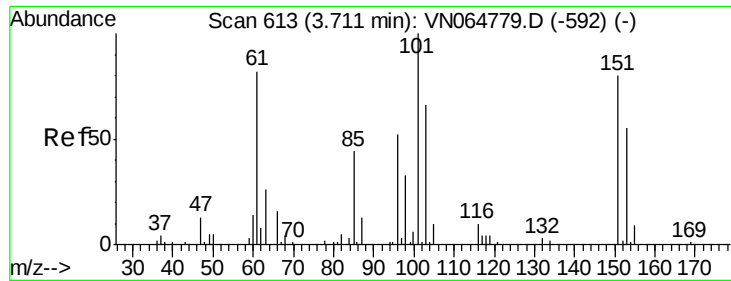


#8

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

ClientSampled :

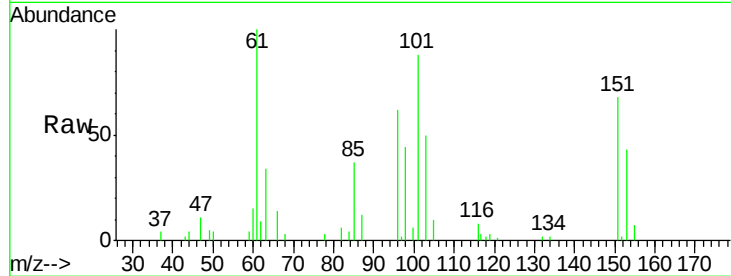
Tot Ion:101 Resp: 34530

Ion Ratio Lower Upper

101 100

85 41.8 34.4 51.6

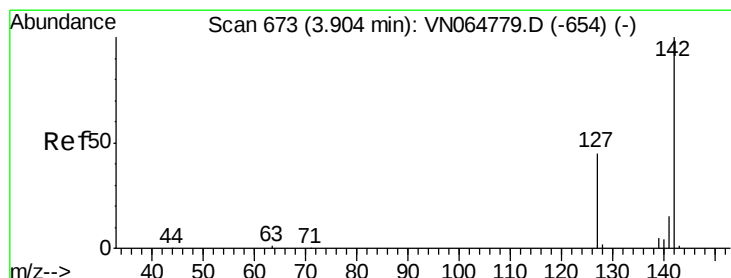
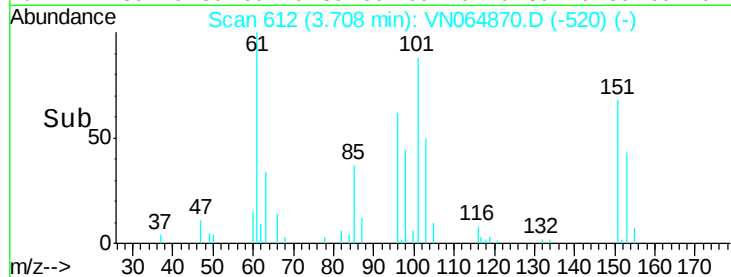
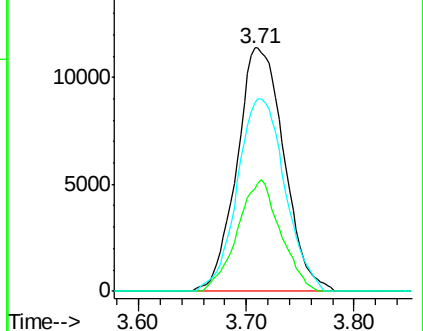
151 79.9 64.0 96.0



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

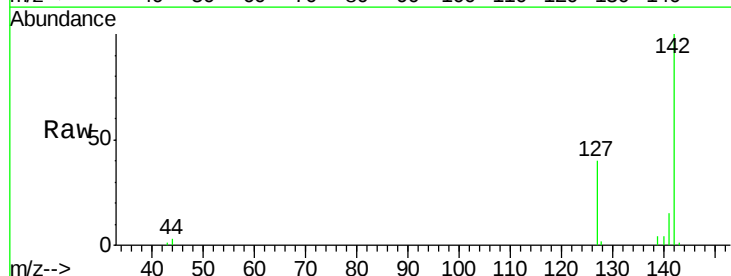
Tgt Ion:142 Resp: 38922

Ion Ratio Lower Upper

142 100

127 41.6 35.0 52.6

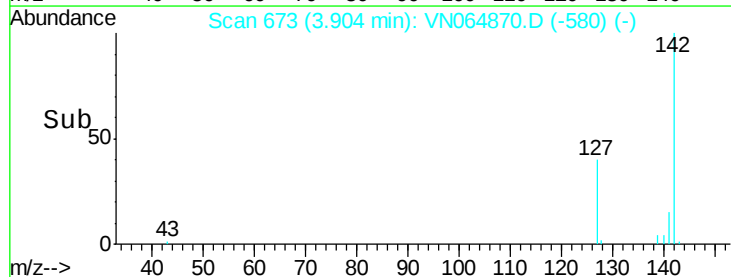
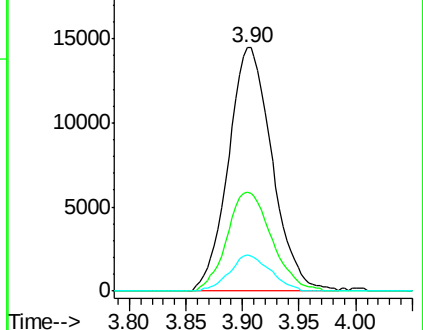
141 13.9 11.8 17.6

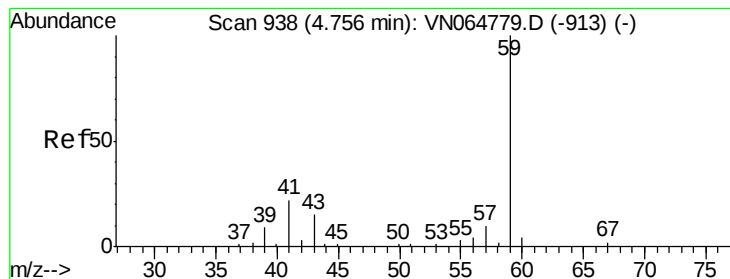


Abundance Ion 141.80 (141.50 to 142.50): V

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

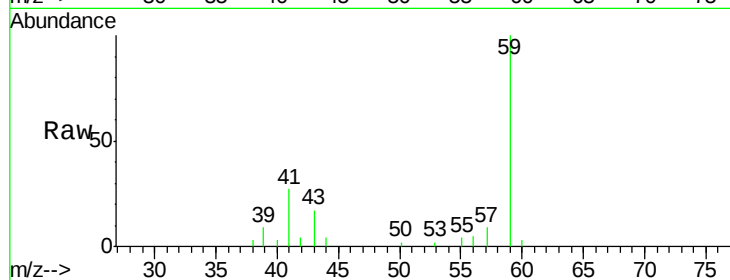
ClientSampled :

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

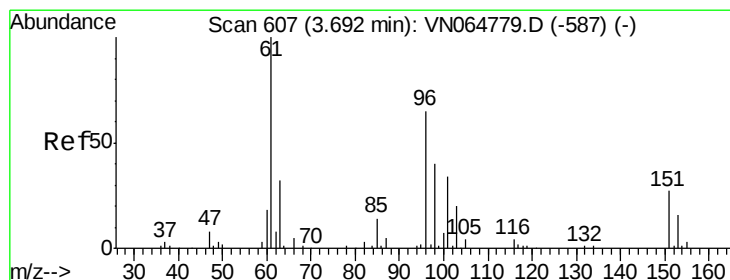
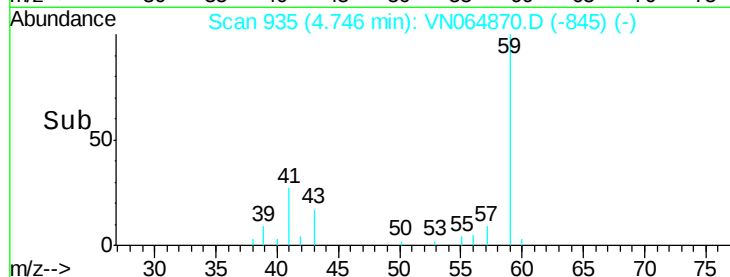
6000

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

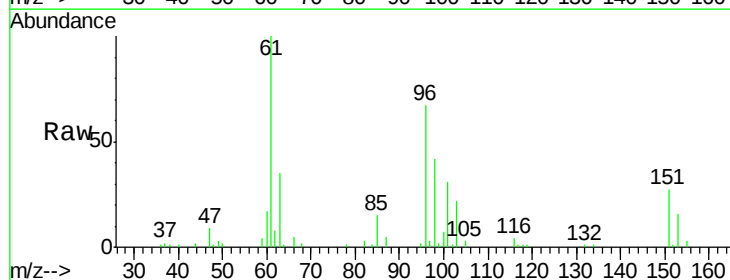
Tgt Ion: 96 Resp: 32928

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

3.69

25000

20000

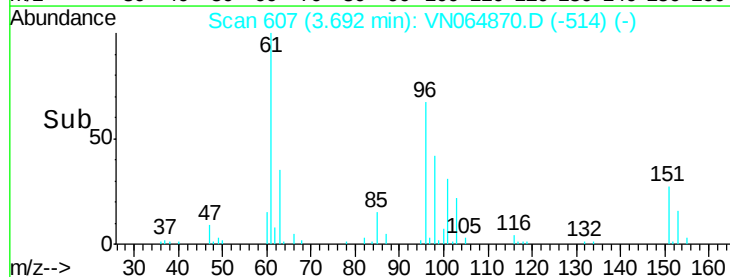
15000

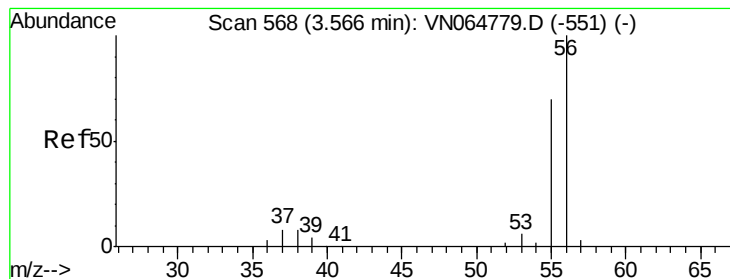
10000

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

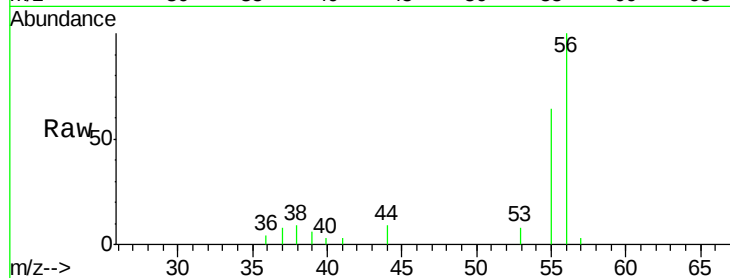
Instrument :
MSVOA_N
ClientSampleId :

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): VN064870.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN064870.D (-551) (-)

3.57

8000

6000

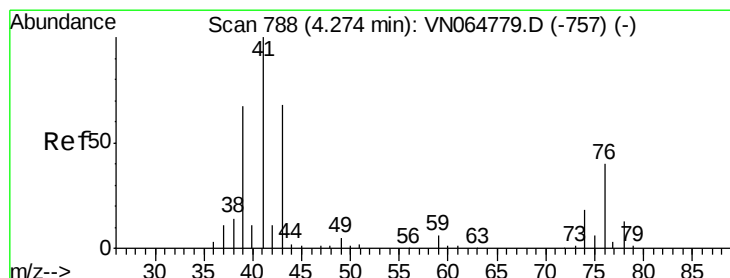
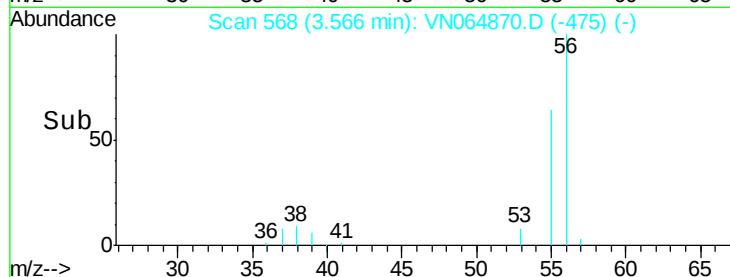
4000

2000

0

Time-->

3.50 3.55 3.60 3.65



#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

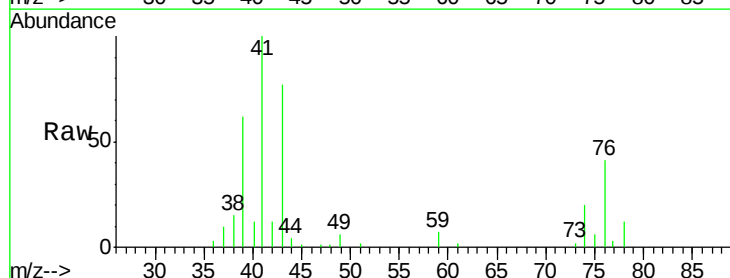
Tgt Ion: 41 Resp: 55079

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): VN064870.D (-757) (-)

Ion 39.00 (38.70 to 39.70): VN064870.D (-757) (-)

Ion 75.90 (75.60 to 76.60): VN064870.D (-757) (-)

4.27

20000

15000

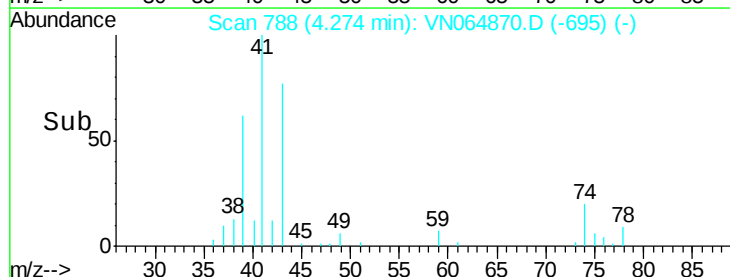
10000

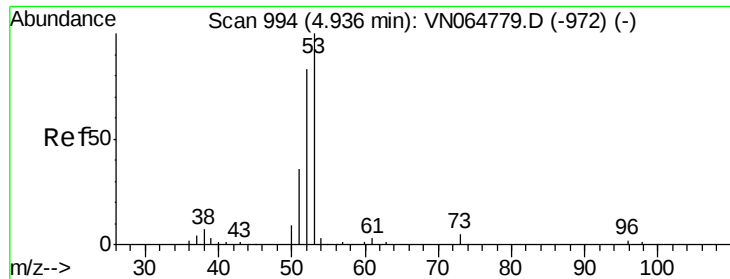
5000

0

Time-->

4.20 4.30





#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 :

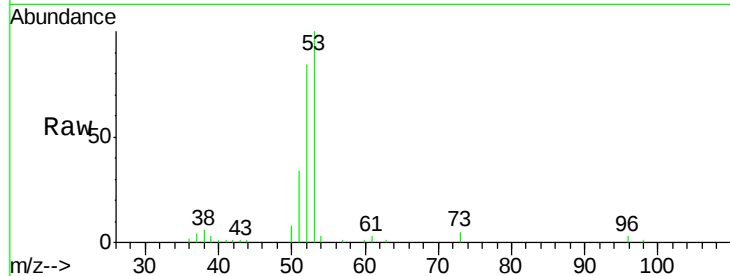
Tot Ion: 53 Resp: 92856

Ion Ratio Lower Upper

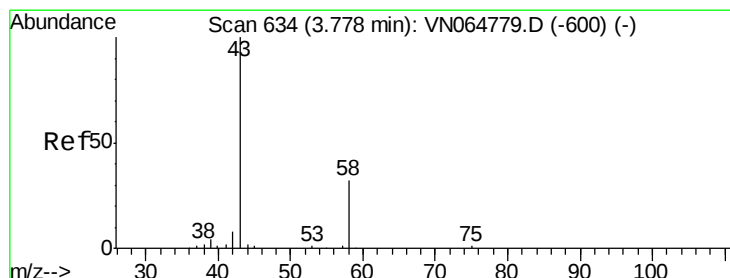
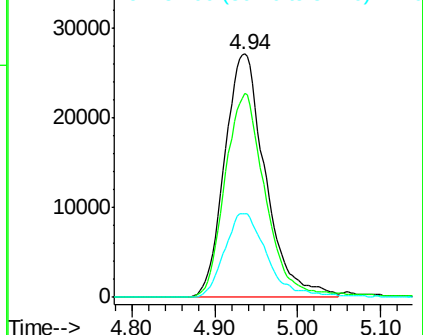
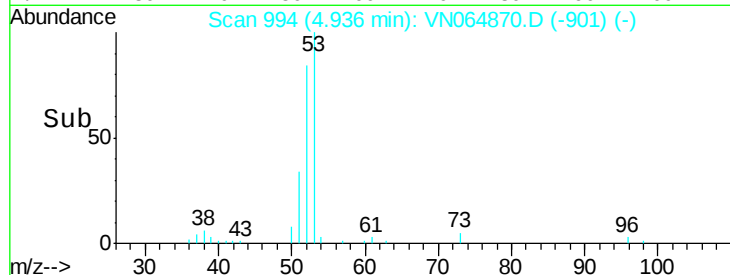
53 100

52 82.6 65.5 98.3

51 35.6 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064870.D (-901) (-)



#16

Acetone

Concen: 95.037 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064870.D

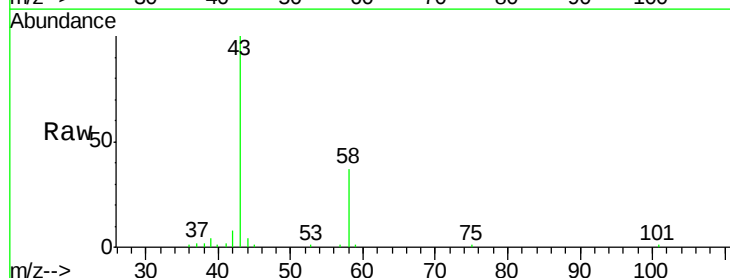
Acq: 30 Nov 2020 14:12

Tgt Ion: 43 Resp: 71140

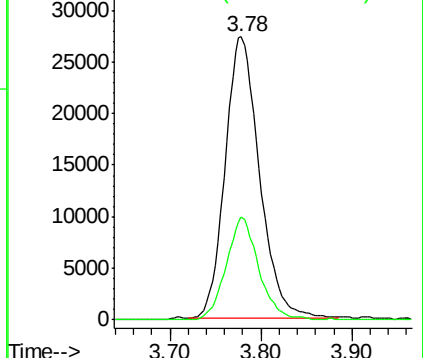
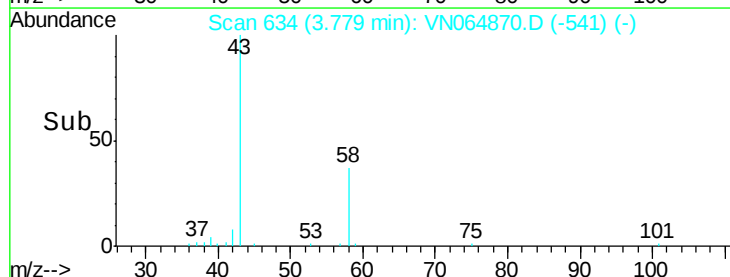
Ion Ratio Lower Upper

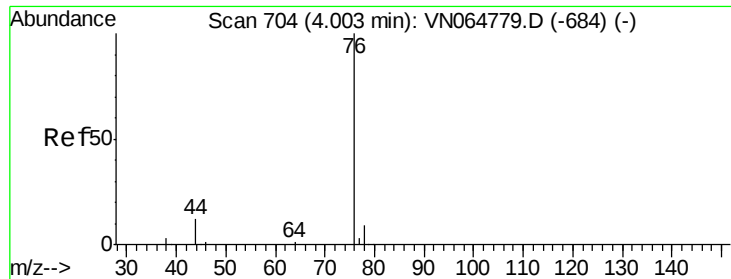
43 100

58 36.8 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064870.D (-541) (-)

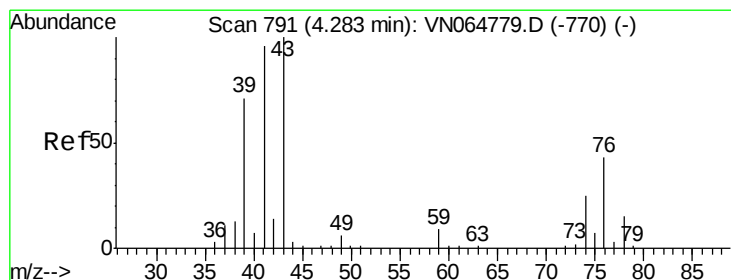
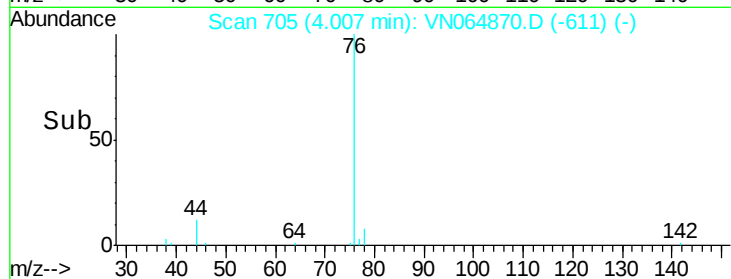
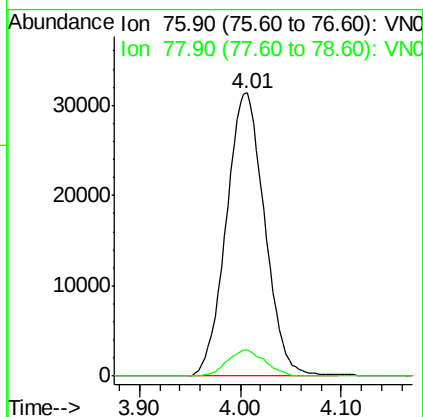
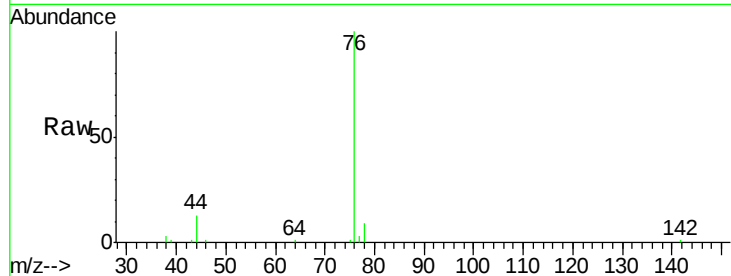




#17
Carbon Disulfide
Concen: 16.907 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

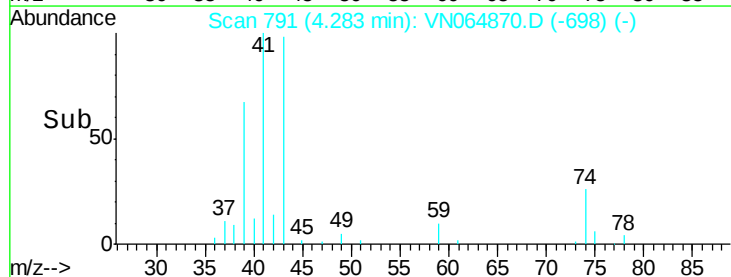
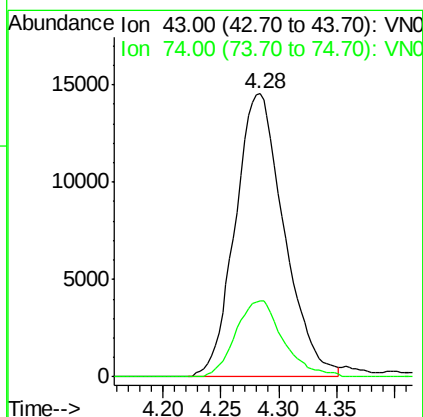
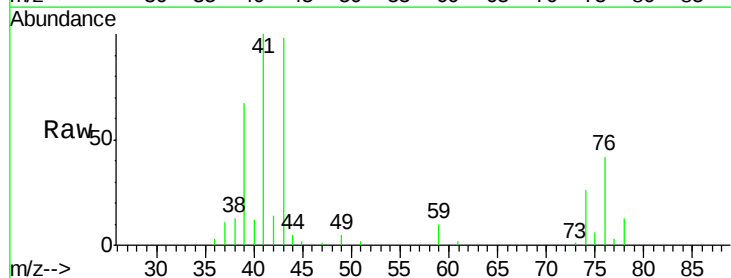
Instrument :
MSVOA_N
ClientSampled :

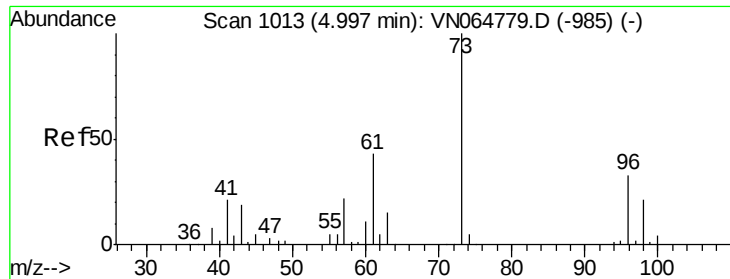
Tot Ion: 76 Resp: 82898
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#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

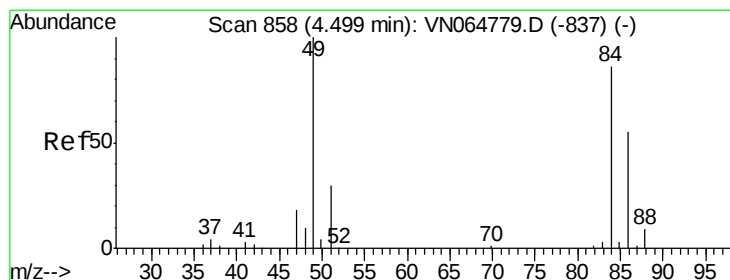
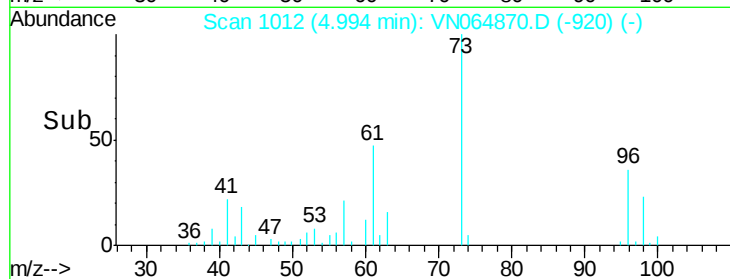
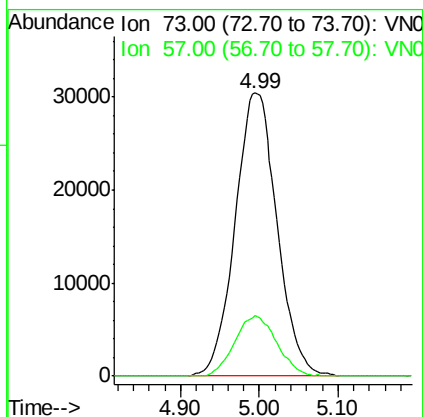
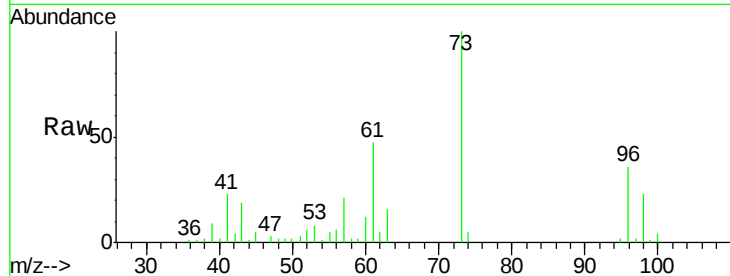




#19
Methvl tert-butvl Ether
Concen: 18.618 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

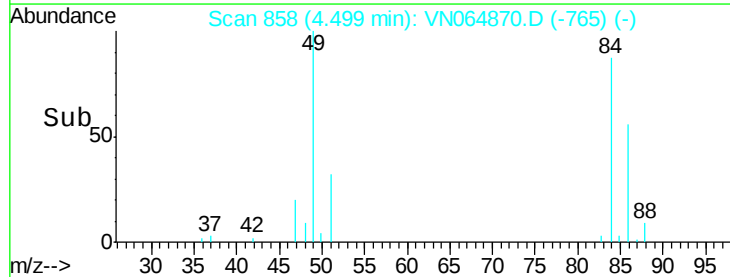
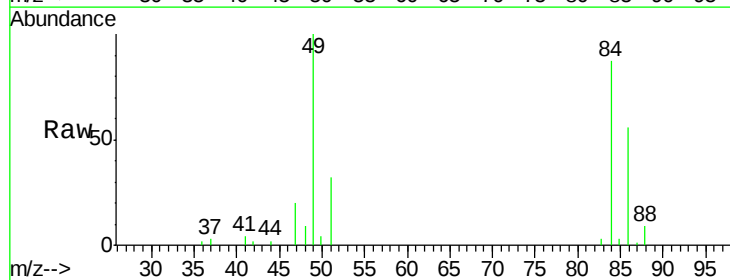
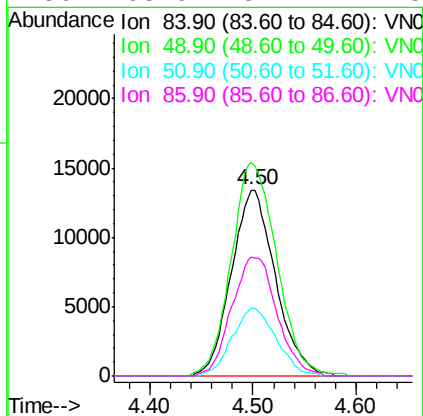
Instrument :
MSVOA_N
ClientSampleId :

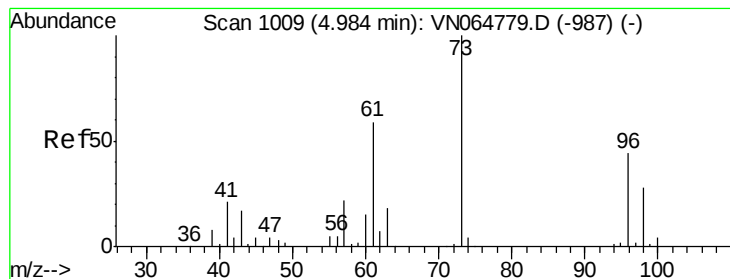
Tot Ion: 73 Resp: 113414
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0



#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
ClientSampled :

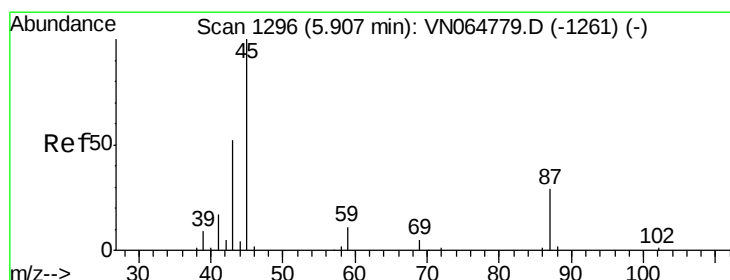
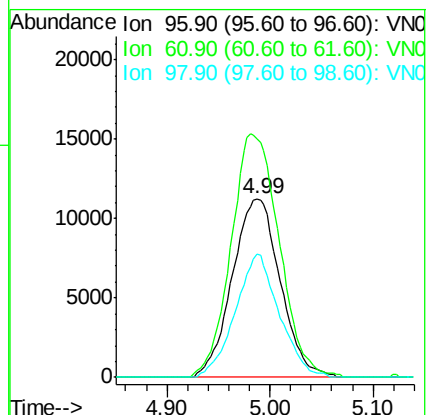
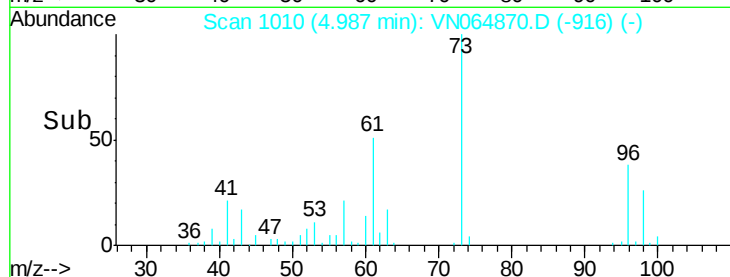
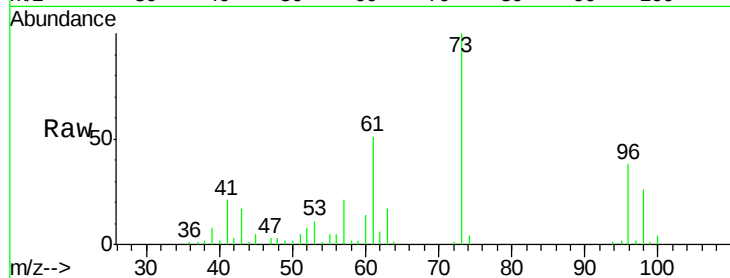
Tot Ion: 96 Resp: 36375

Ion Ratio Lower Upper

96 100

61 133.7 108.4 162.6

98 69.2 51.3 76.9



#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

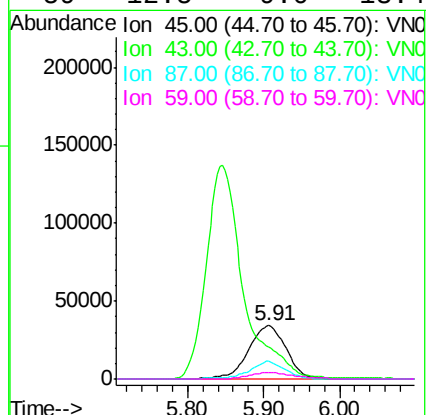
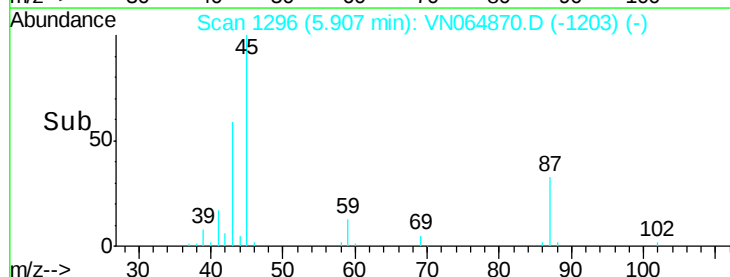
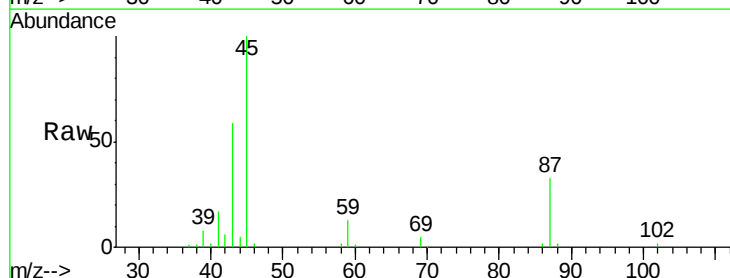
Ion Ratio Lower Upper

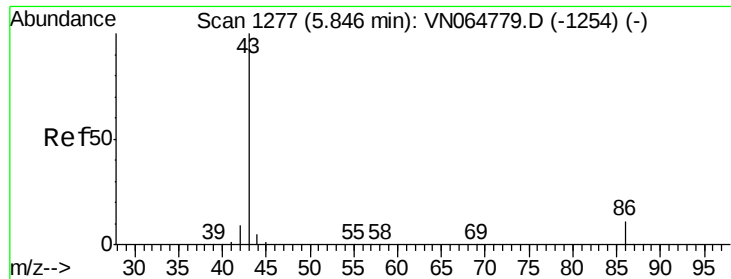
45 100

43 56.7 46.2 69.2

87 33.4 24.1 36.1

59 12.5 9.0 13.4





#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

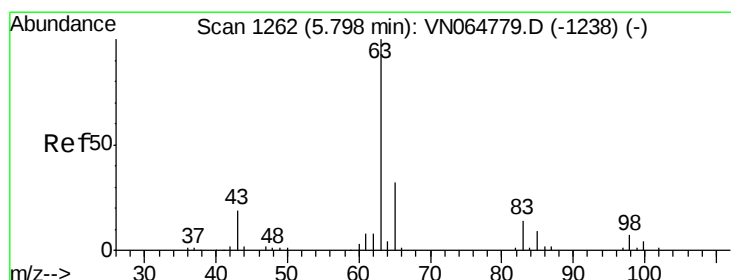
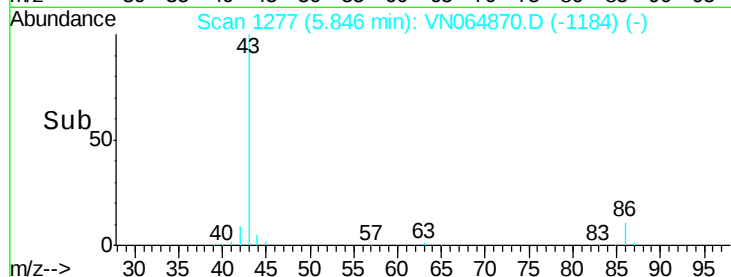
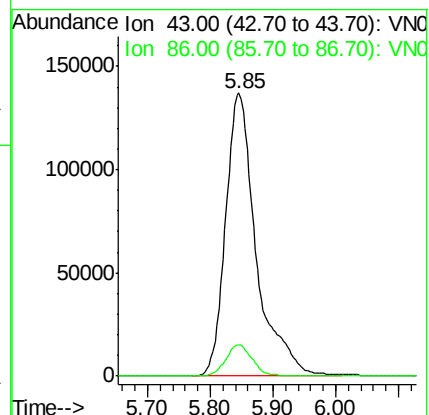
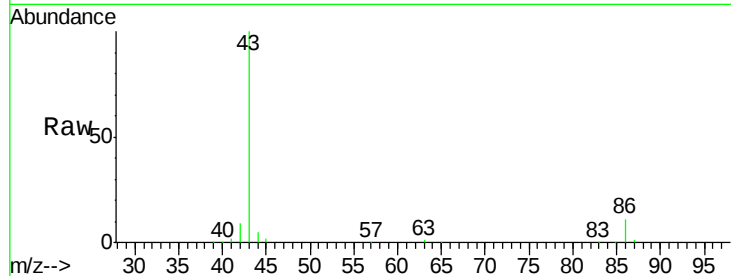
ClientSampleId :

Tot Ion: 43 Resp: 465125

Ion Ratio Lower Upper

43 100

86 11.2 8.9 13.3



#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

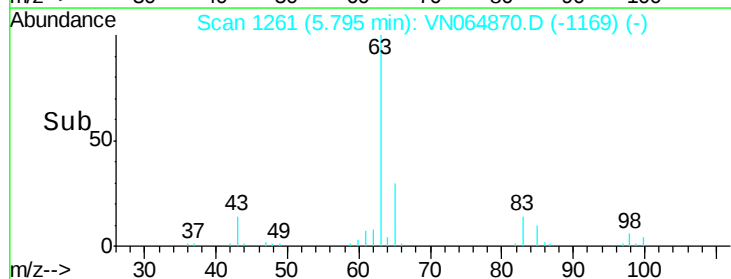
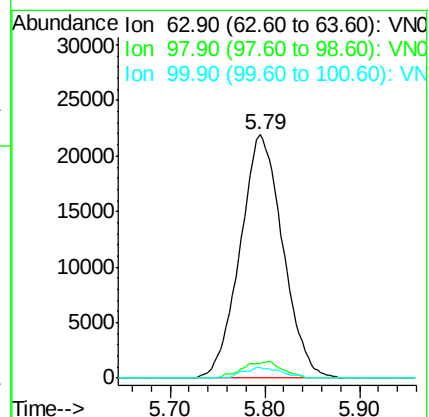
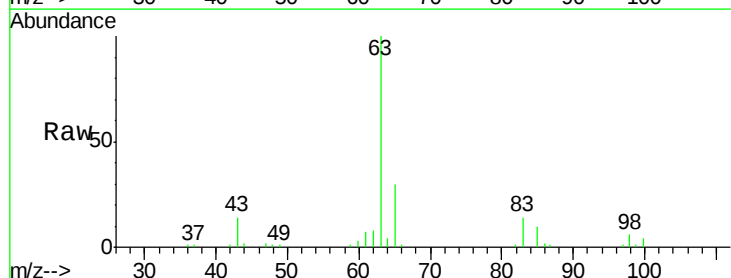
Tgt Ion: 63 Resp: 68634

Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.5

100 4.1 2.3 6.8





#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

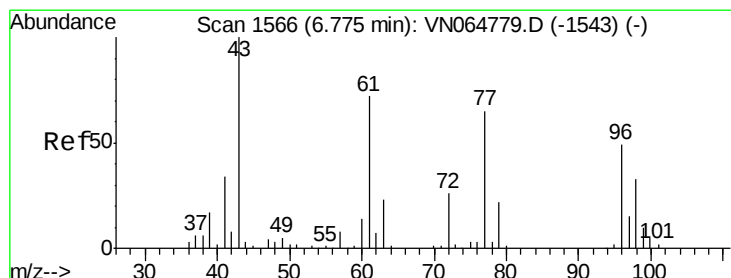
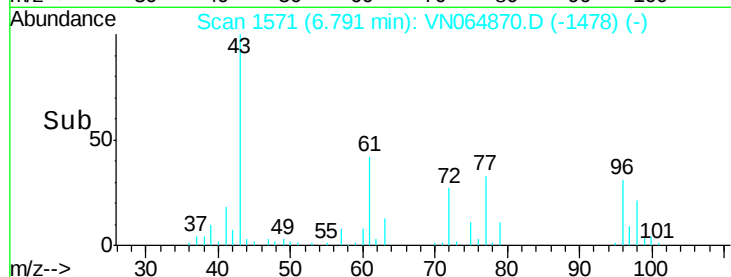
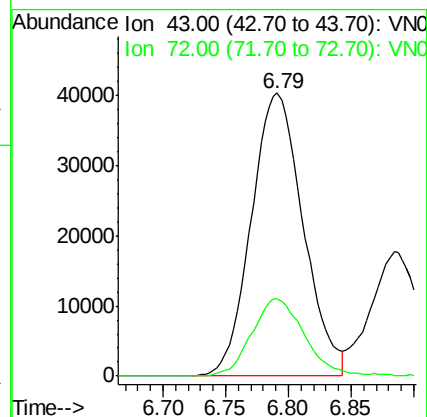
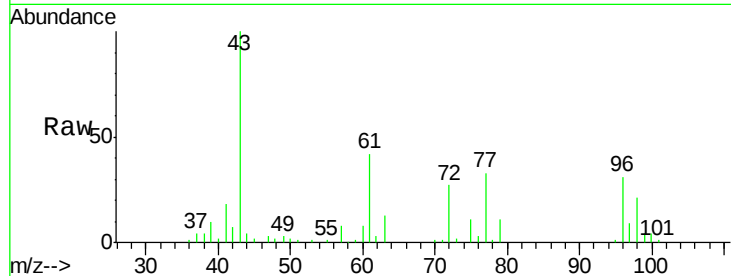
ClientSampled :

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

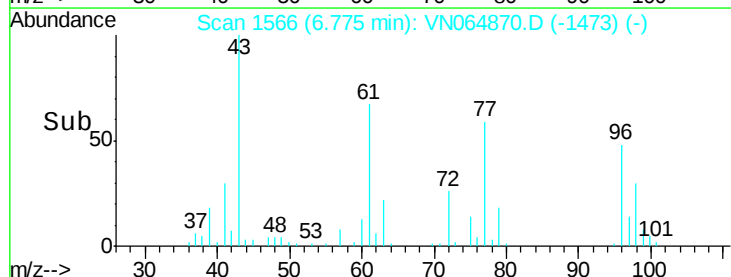
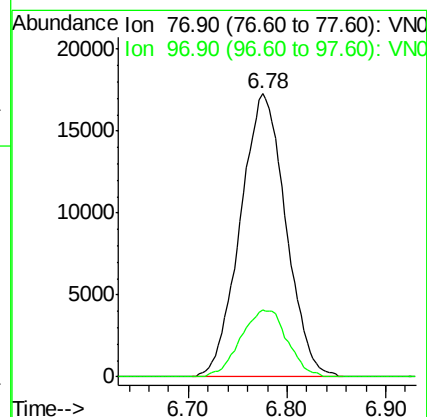
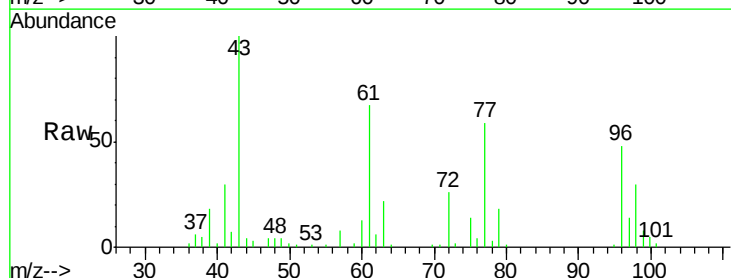
Acq: 30 Nov 2020 14:12

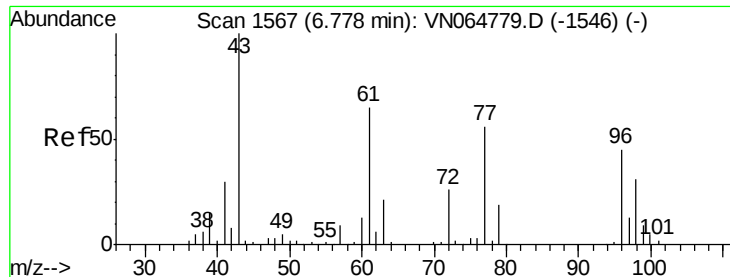
Tgt Ion: 77 Resp: 55181

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

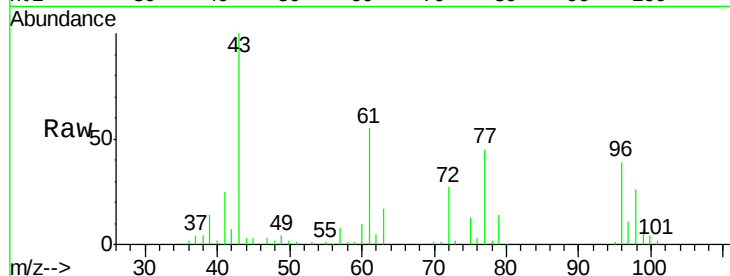
Lab File: VN064870.D

Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :

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

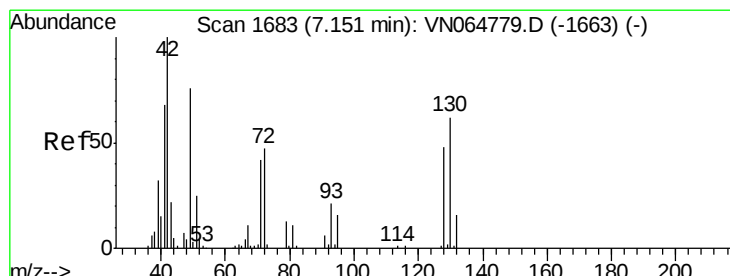
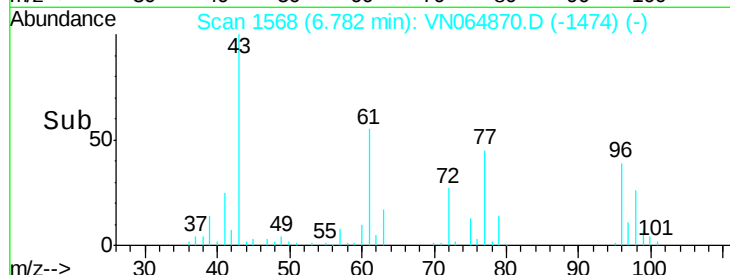
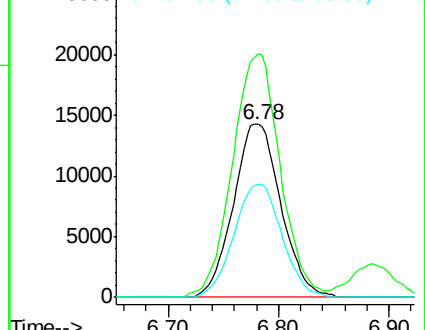


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.911 ug/l

RT: 7.15 min Scan# 1683

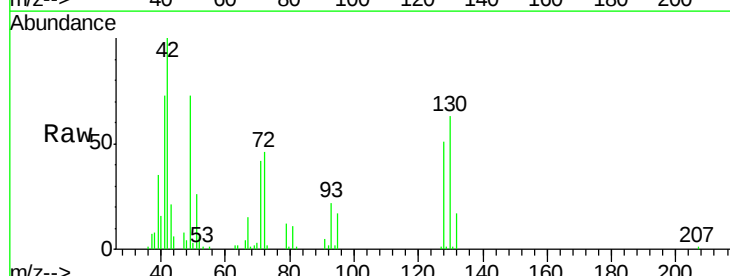
Delta R.T. 0.00 min

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

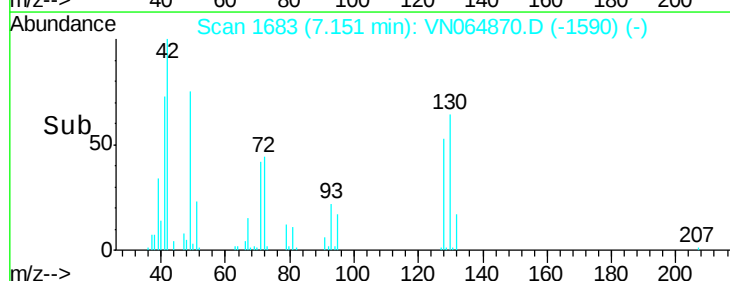
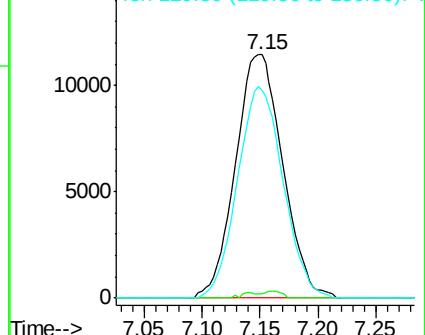


Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

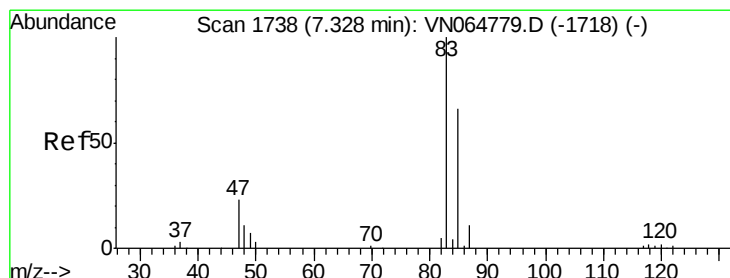
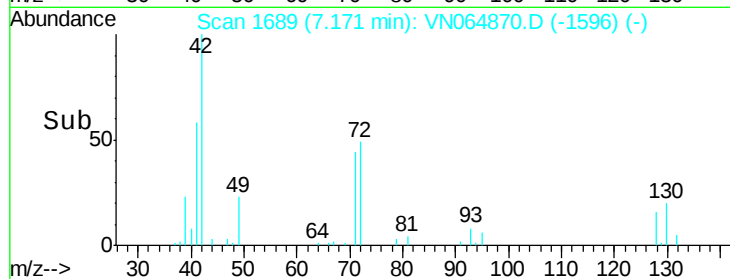
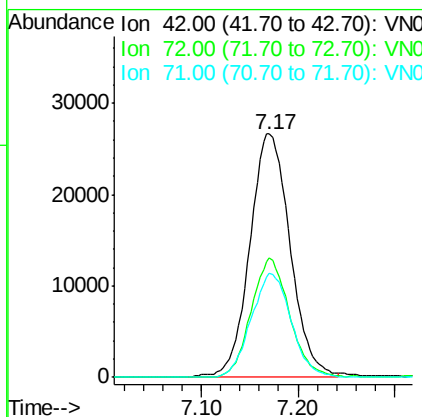
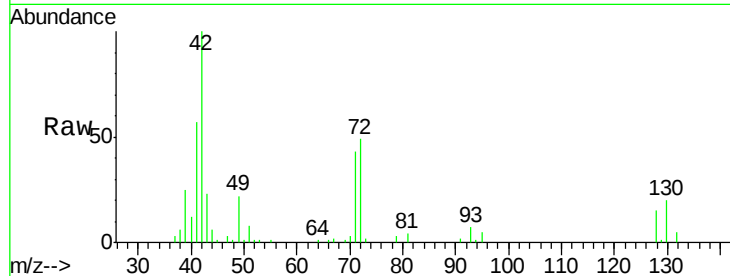




#29
Tetrahydrofuran
Concen: 92.337 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

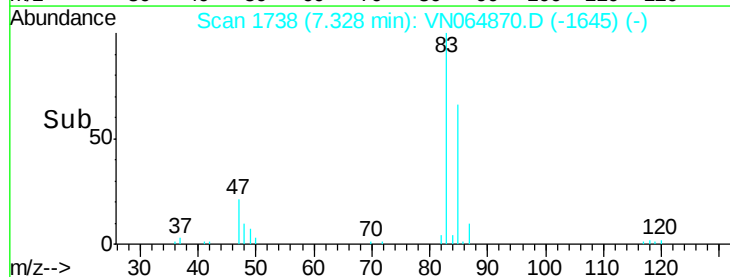
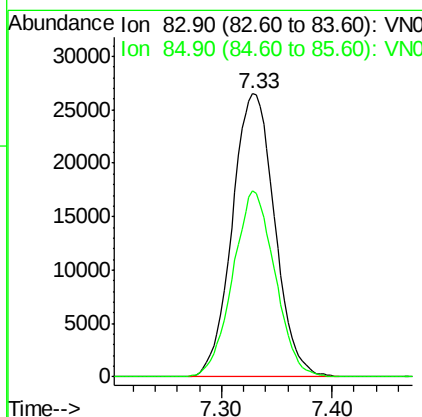
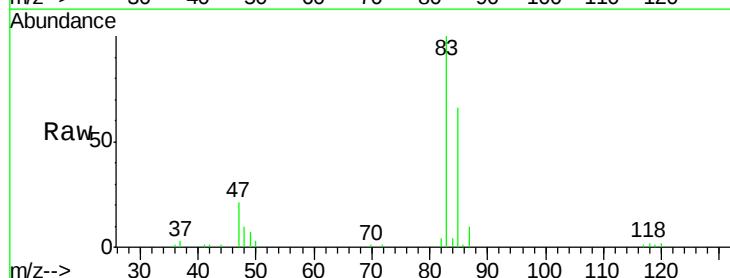
Instrument :
MSVOA_N
ClientSampled :

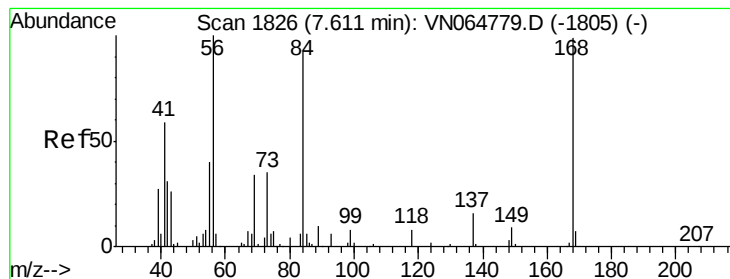
Tot Ion: 42 Resp: 77344
Ion Ratio Lower Upper
42 100
72 46.4 36.6 54.8
71 42.1 33.6 50.4



#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 :

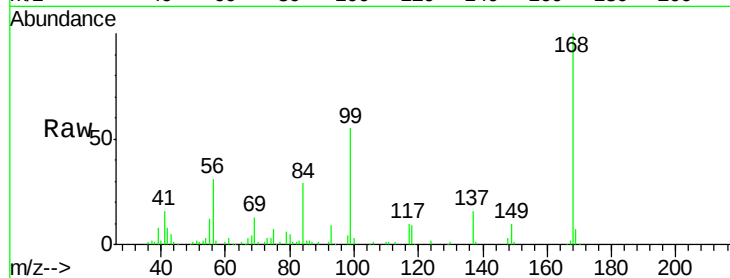
Tot Ion: 56 Resp: 54346

Ion Ratio Lower Upper

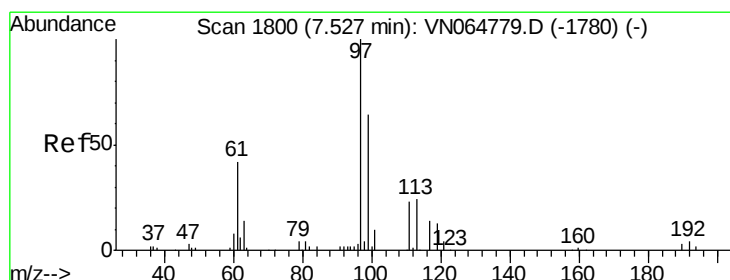
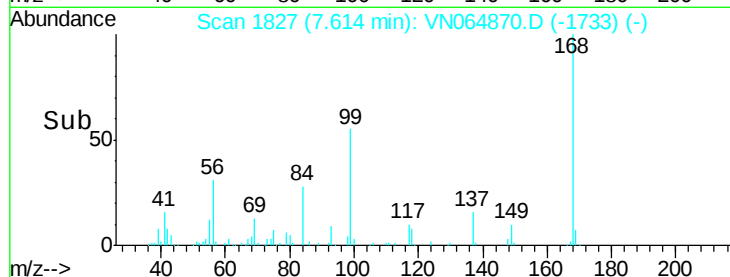
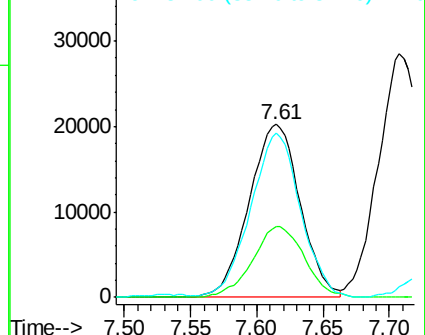
56 100

69 40.8 27.5 41.3

84 93.8 73.9 110.9



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



#32

1,1,1-Trichloroethane

Concen: 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

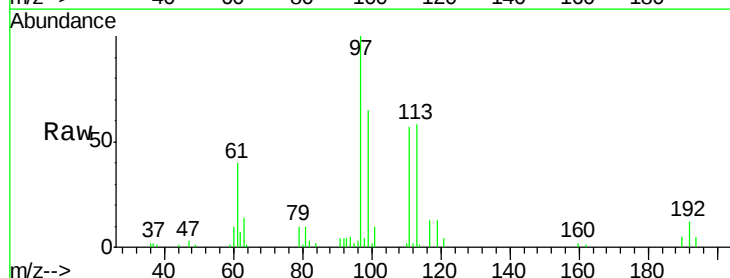
Tgt Ion: 97 Resp: 57712

Ion Ratio Lower Upper

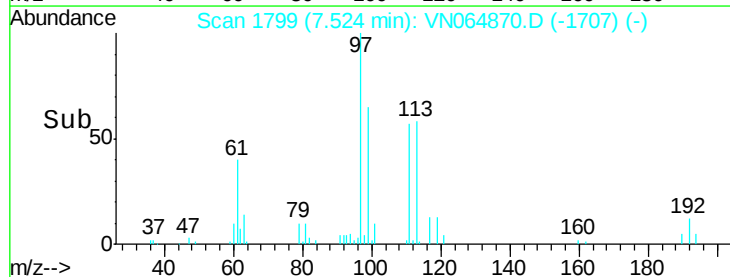
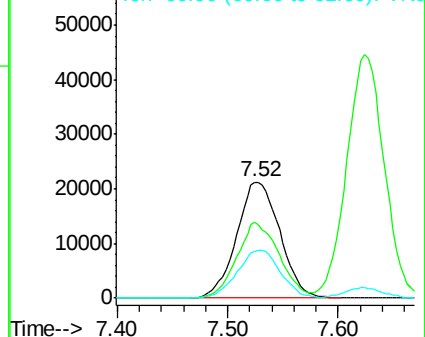
97 100

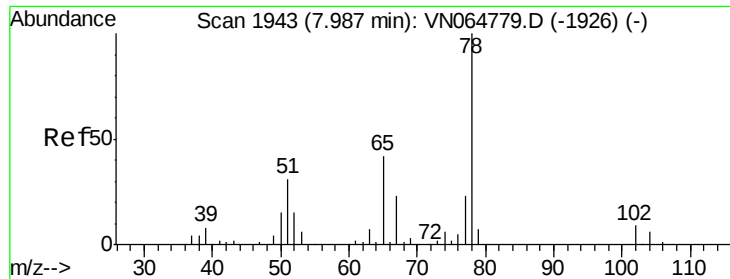
99 63.9 51.7 77.5

61 41.1 33.9 50.9



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





#33

1,2-Dichloroethane-d4

Concen: 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

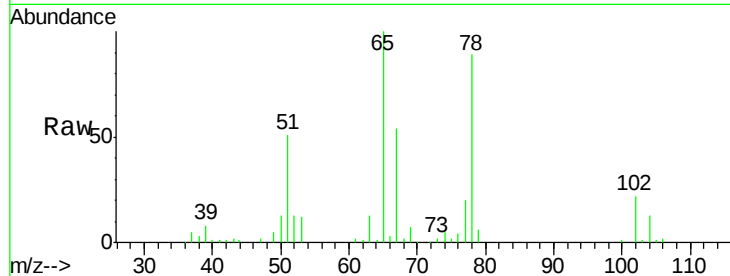
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 113185

Ion Ratio Lower Upper

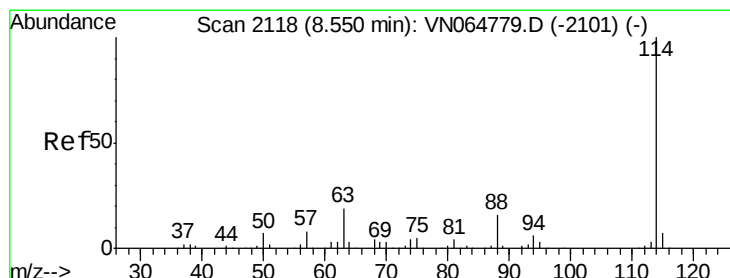
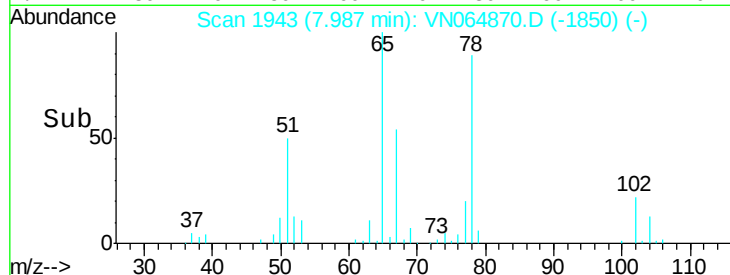
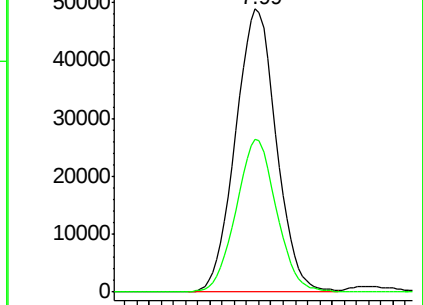
65 100

67 53.3 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064870.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064870.D (-1850) (-)



#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

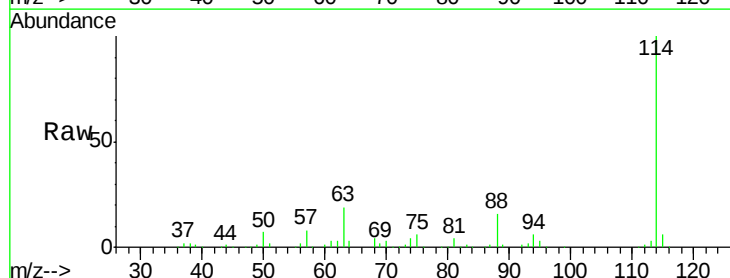
Tgt Ion: 114 Resp: 308979

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

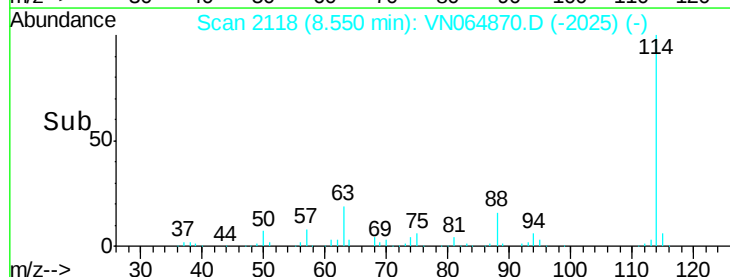
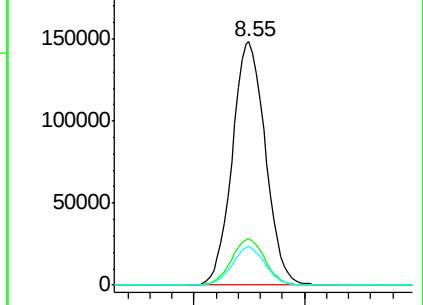
88 15.7 0.0 32.6



Abundance Ion 113.90 (113.60 to 114.60): VN064870.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064870.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064870.D (-2025) (-)

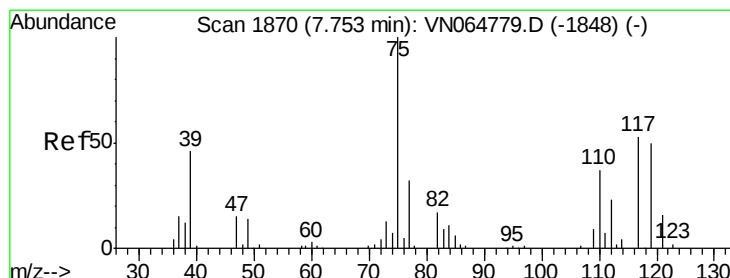
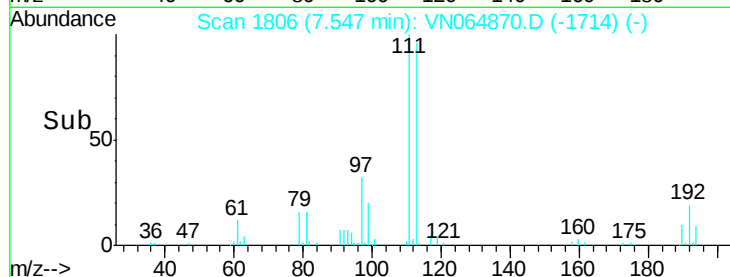
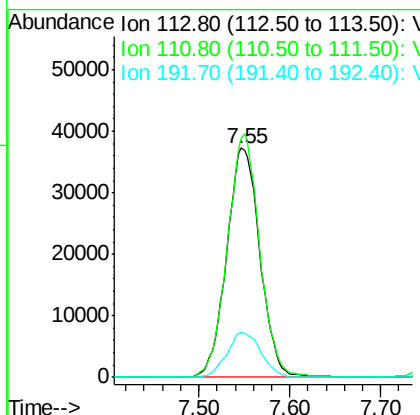
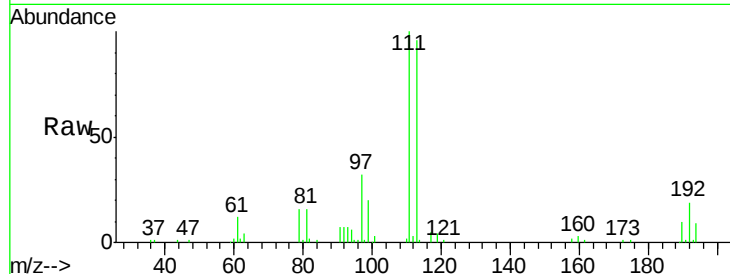




#35
 Dibromofluoromethane
 Concen: 51.224 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

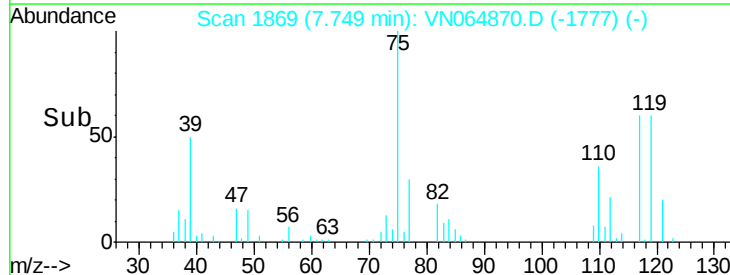
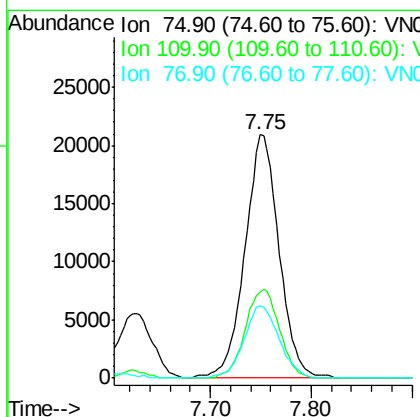
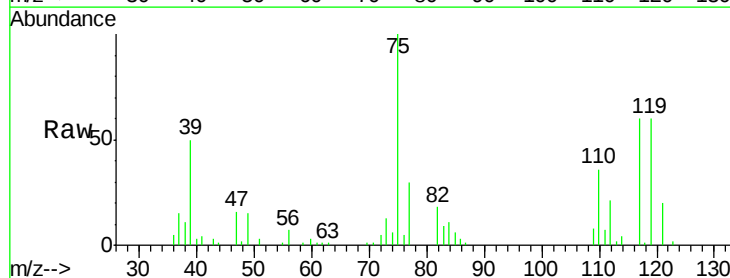
Instrument :
 MSVOA_N
 ClientSampleId :

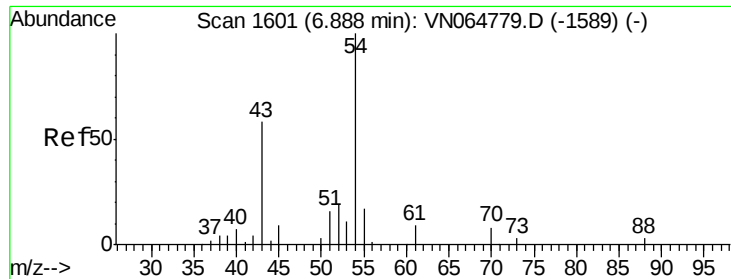
Tot Ion:113 Resp: 94705
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.6 122.4
 192 20.0 16.2 24.2



#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

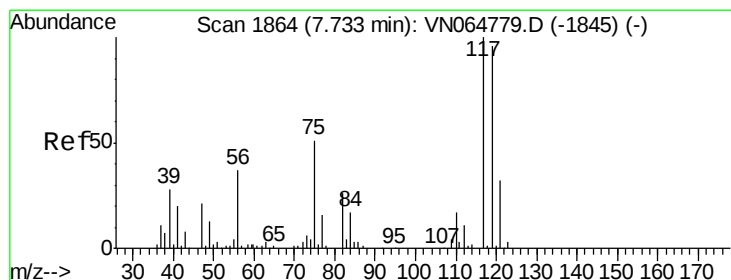
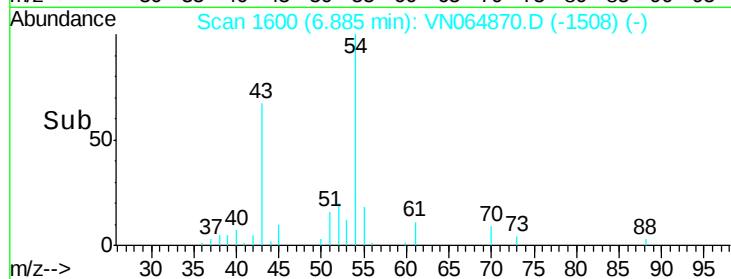
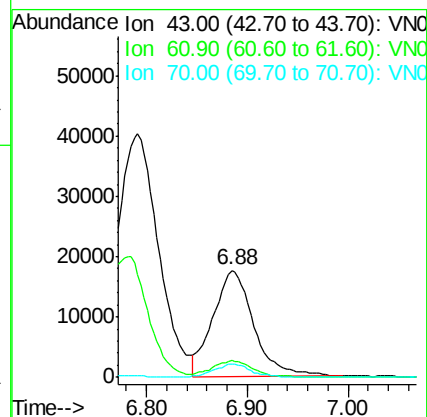
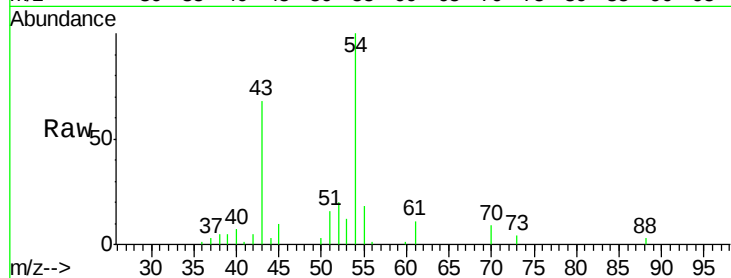




#37
Ethyl Acetate
Concen: 17.951 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

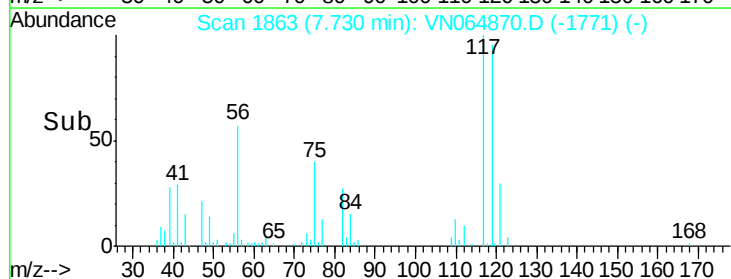
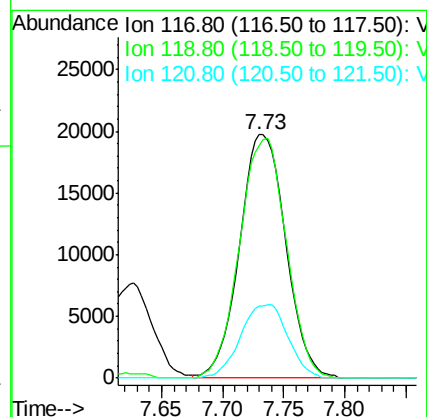
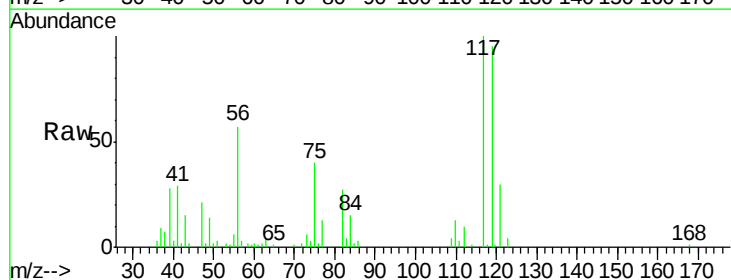
Instrument :
MSVOA_N
ClientSampled :

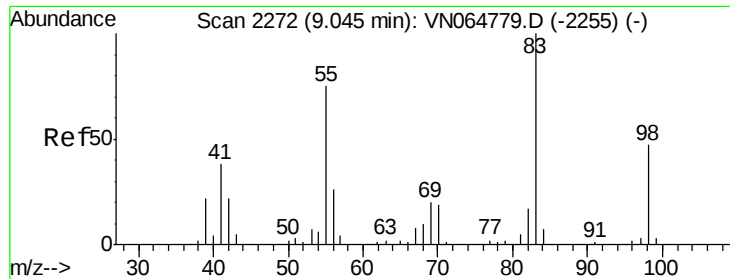
Tot Ion: 43 Resp: 49522
Ion Ratio Lower Upper
43 100
61 14.1 12.8 19.2
70 11.5 8.8 13.2



#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

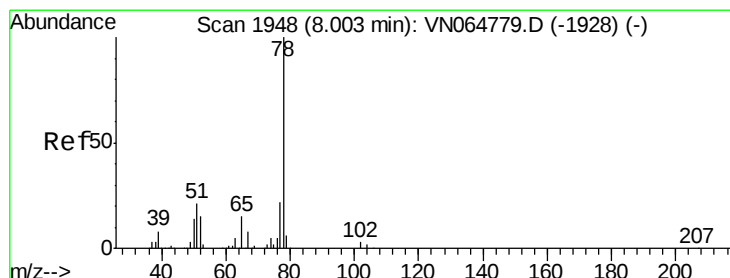
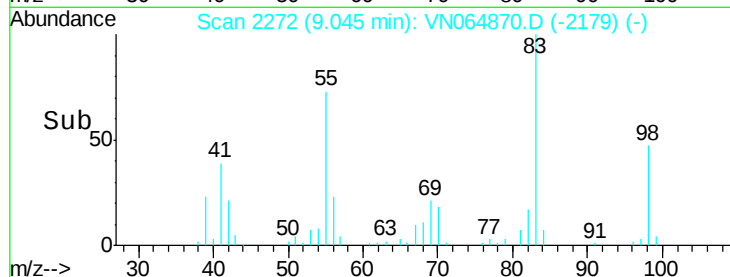
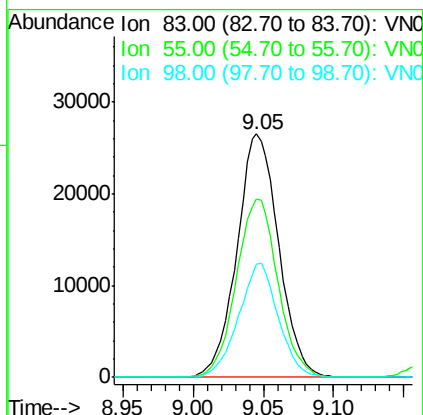
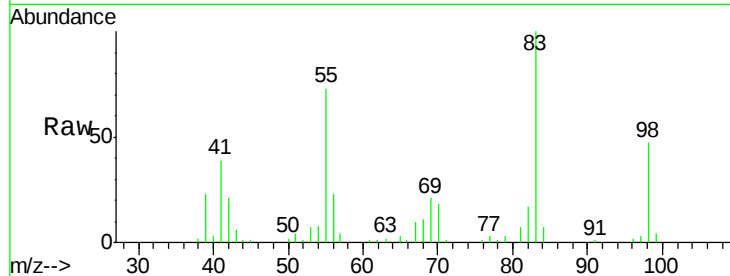




#39
Methvlcvclohexane
Concen: 17.828 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

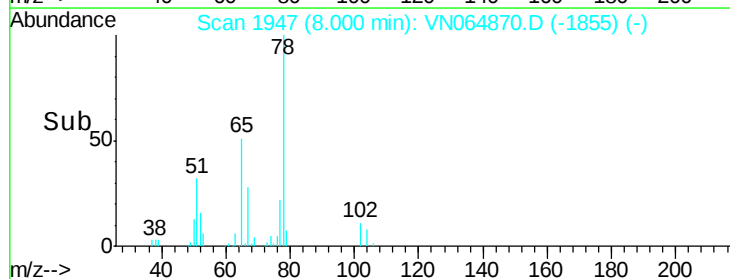
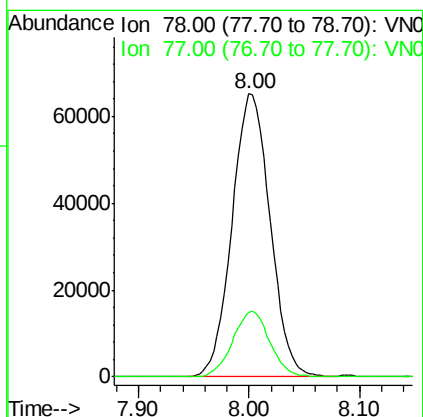
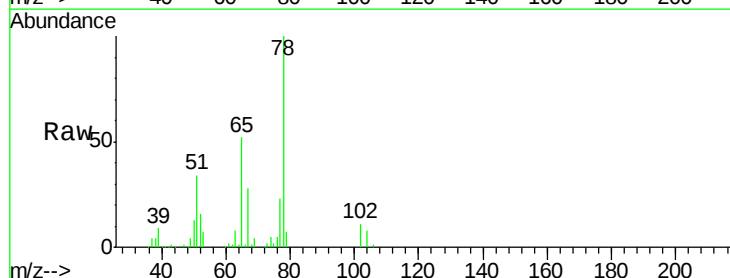
Instrument :
MSVOA_N
ClientSampled :

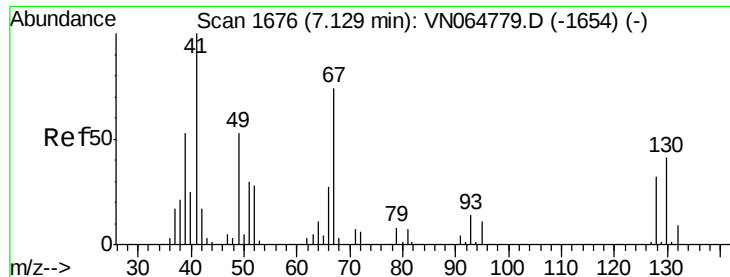
Tot Ion: 83 Resp: 54963
Ion Ratio Lower Upper
83 100
55 73.2 60.2 90.2
98 46.6 37.4 56.2



#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

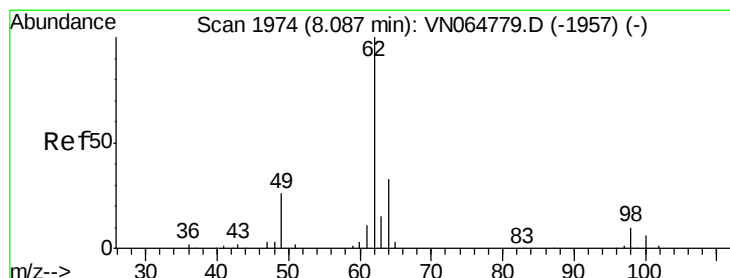
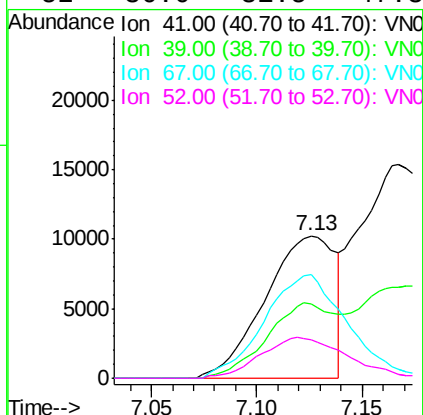
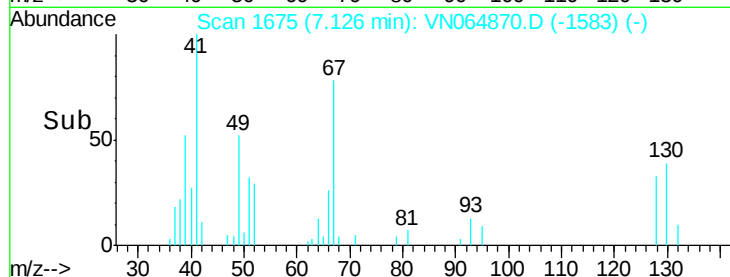
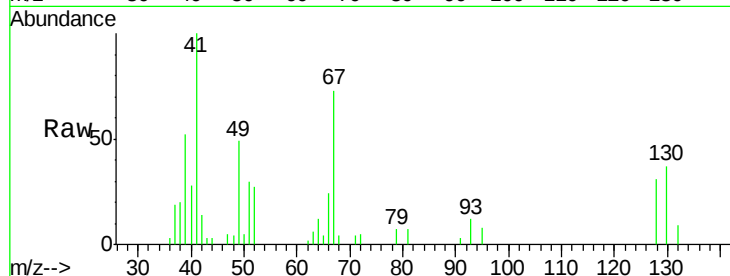




#41
Methacrylonitrile
Concen: 18.501 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

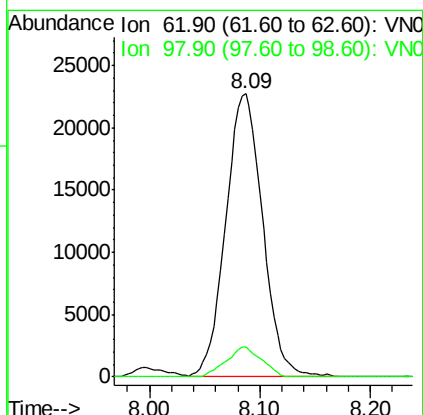
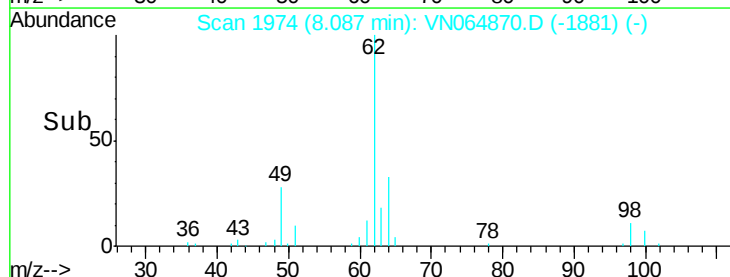
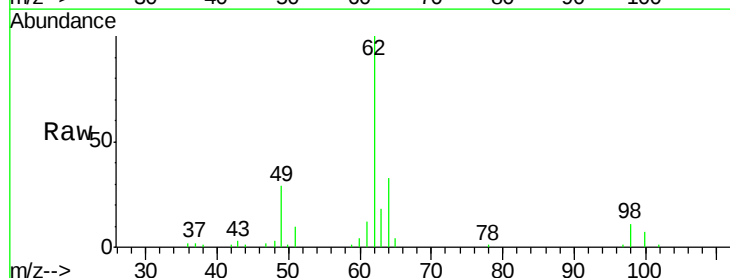
Instrument :
MSVOA_N
ClientSampled :

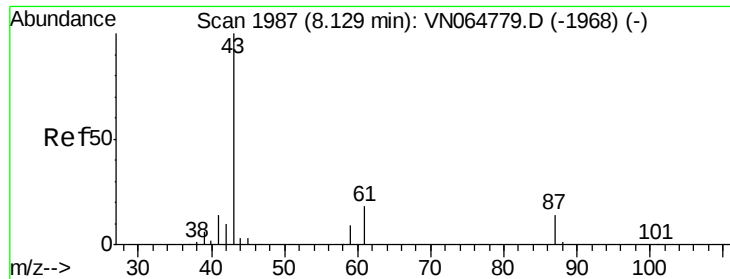
Tot Ion: 41 Resp: 23550
Ion Ratio Lower Upper
41 100
39 54.1 51.0 76.6
67 86.8 79.8 119.8
52 36.0 31.5 47.3



#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

ClientSampled :

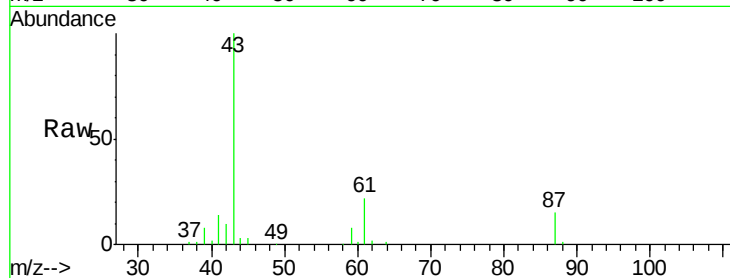
Tot Ion: 43 Resp: 79086

Ion Ratio Lower Upper

43 100

61 20.9 17.2 25.8

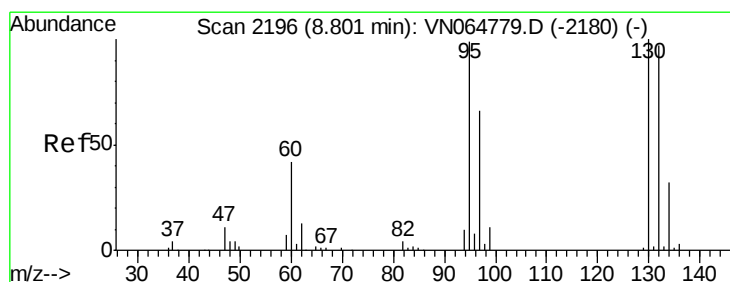
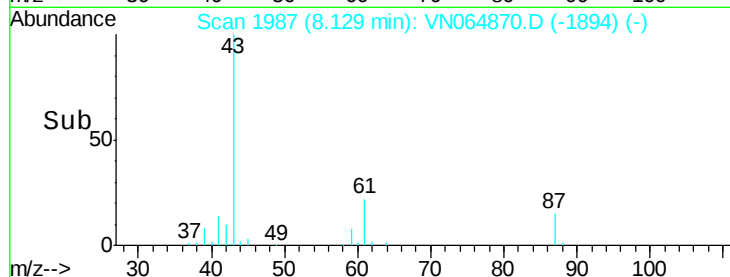
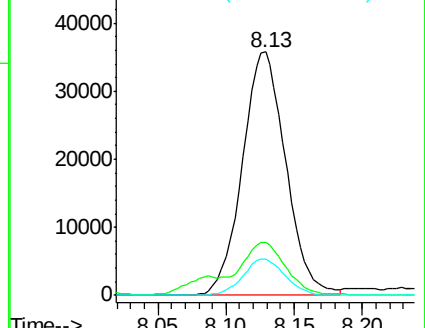
87 14.2 11.4 17.0



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

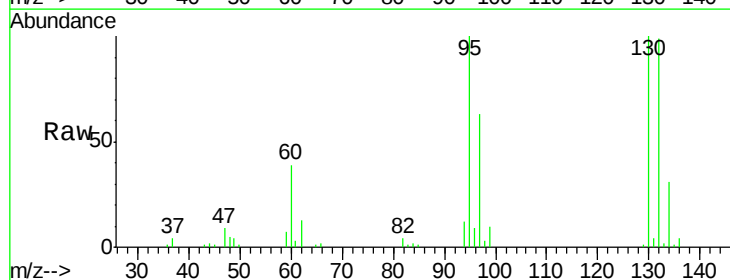
Acq: 30 Nov 2020 14:12

Tgt Ion:130 Resp: 46295

Ion Ratio Lower Upper

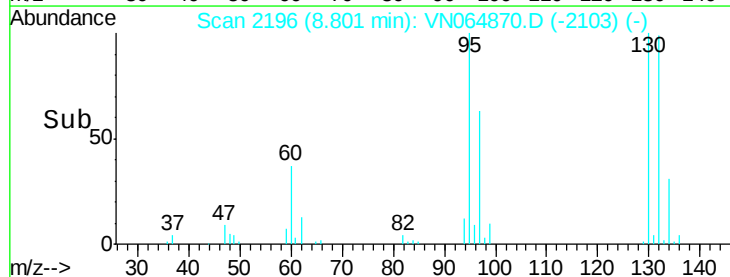
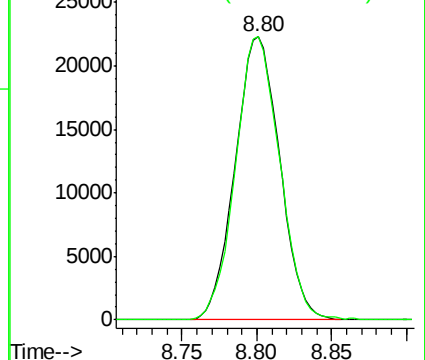
130 100

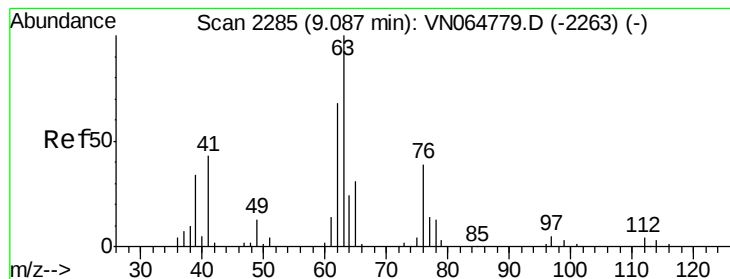
95 99.9 0.0 197.8



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

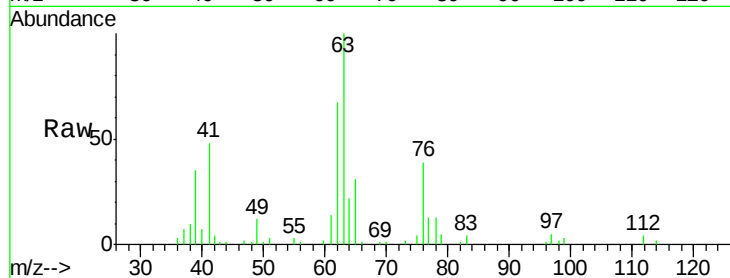
ClientSampled :

Tot Ion: 63 Resp: 42583

Ion Ratio Lower Upper

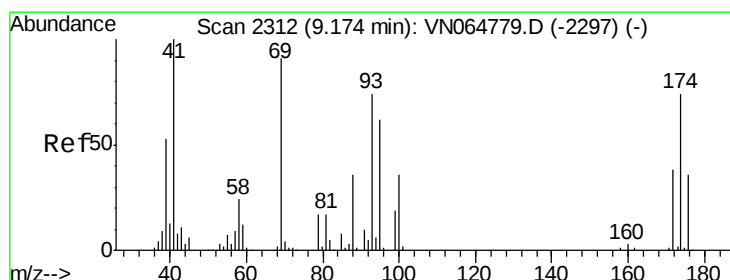
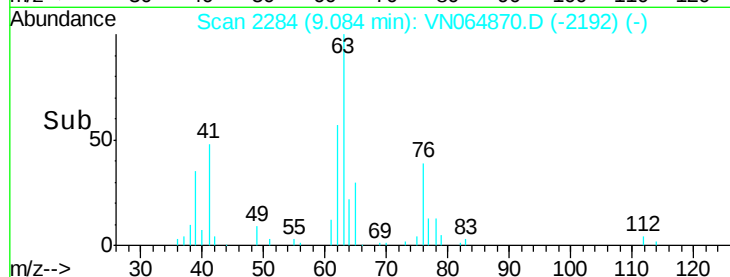
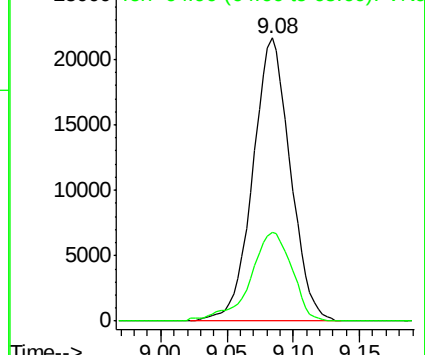
63 100

65 31.5 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN064870.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN064870.D (-2192) (-)



#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

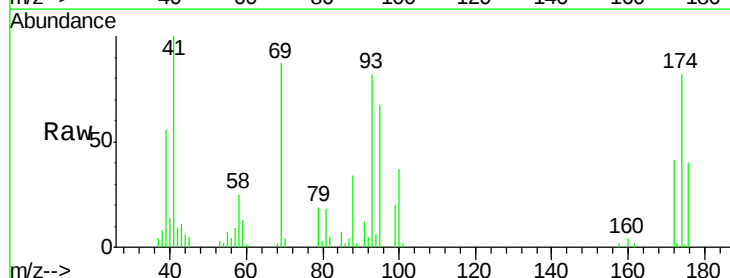
Tgt Ion: 93 Resp: 27871

Ion Ratio Lower Upper

93 100

95 83.9 68.8 103.2

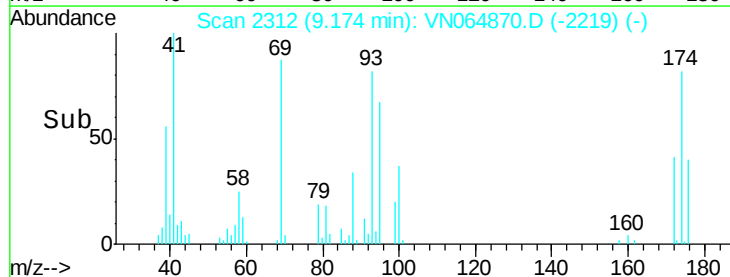
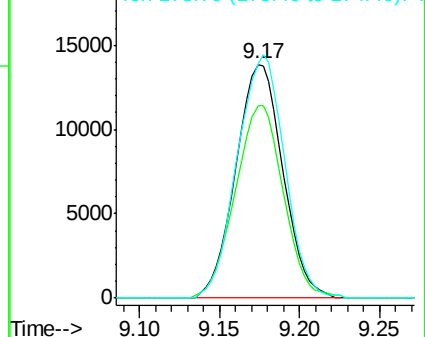
174 104.9 83.1 124.7

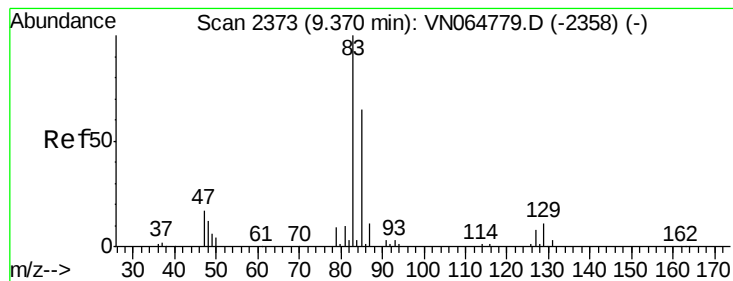


Abundance Ion 92.80 (92.50 to 93.50): VN064870.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN064870.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN064870.D (-2219) (-)





#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 :

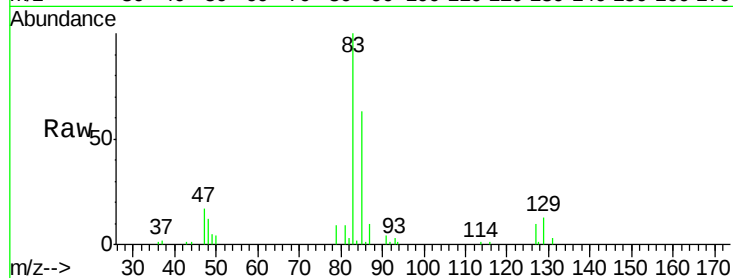
Tot Ion: 83 Resp: 55133

Ion Ratio Lower Upper

83 100

85 62.9 51.8 77.8

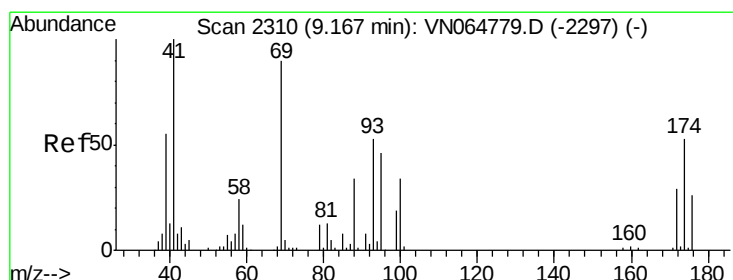
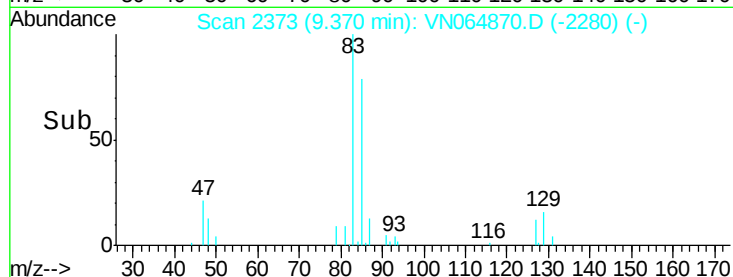
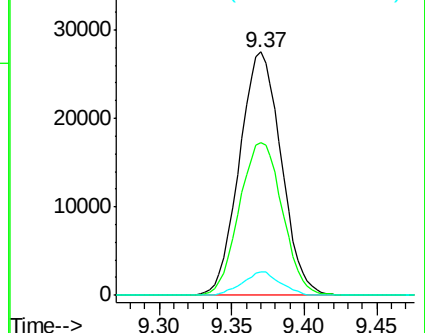
127 9.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064870.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064870.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064870.D (-2280) (-)



#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

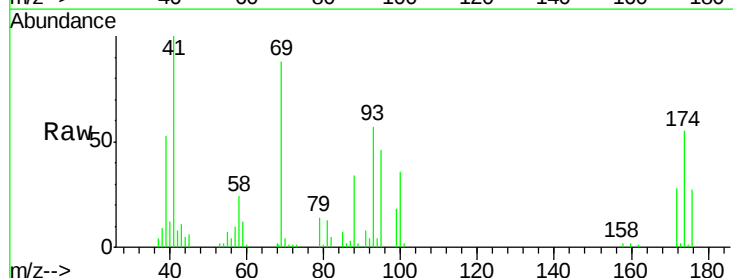
Tgt Ion: 41 Resp: 38518

Ion Ratio Lower Upper

41 100

69 90.0 71.8 107.8

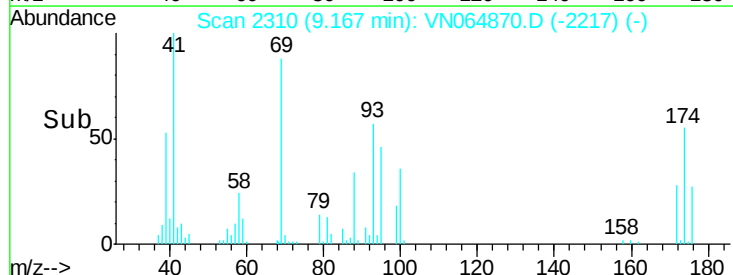
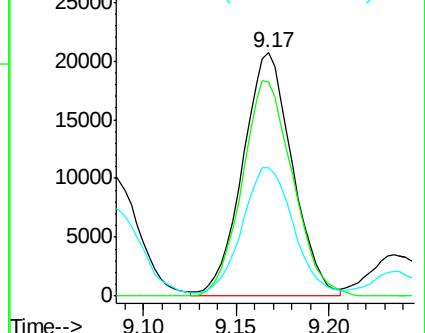
39 55.2 44.1 66.1

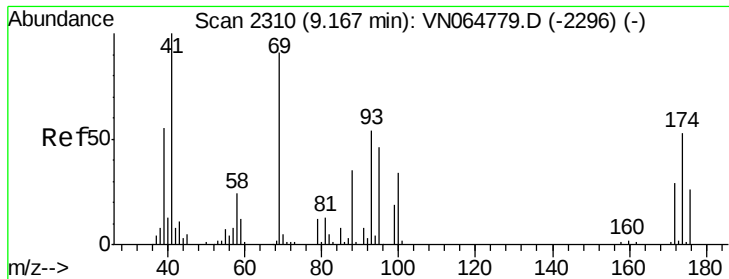


Abundance Ion 41.00 (40.70 to 41.70): VN064870.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064870.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064870.D (-2217) (-)

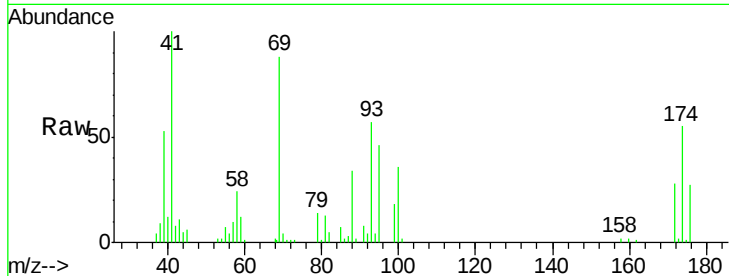




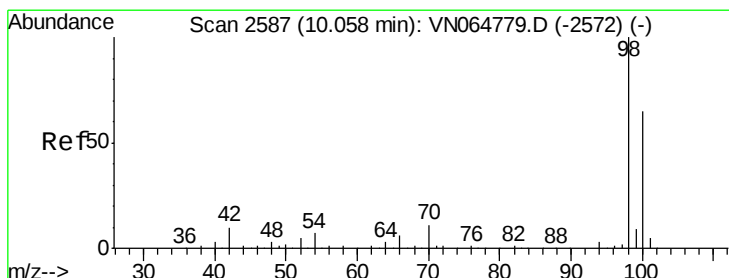
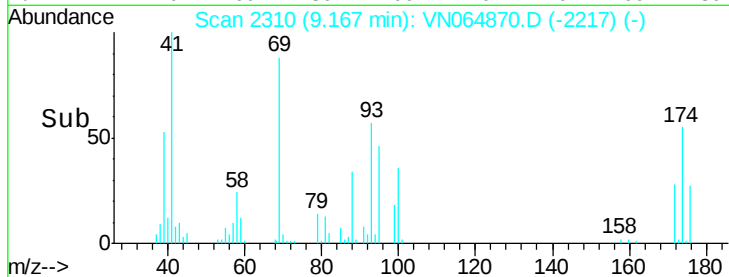
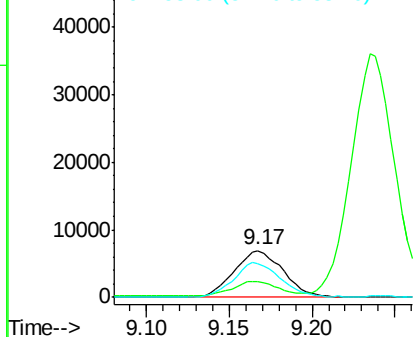
#49
1,4-Dioxane
Concen: 355.444 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :

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

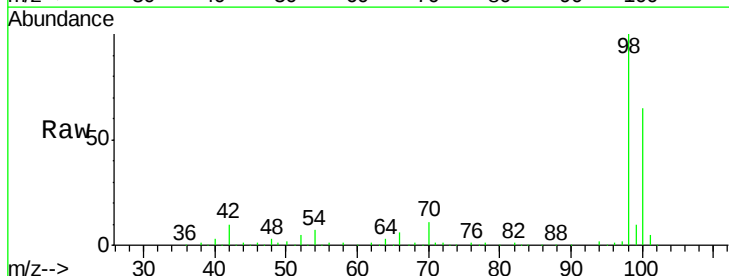


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

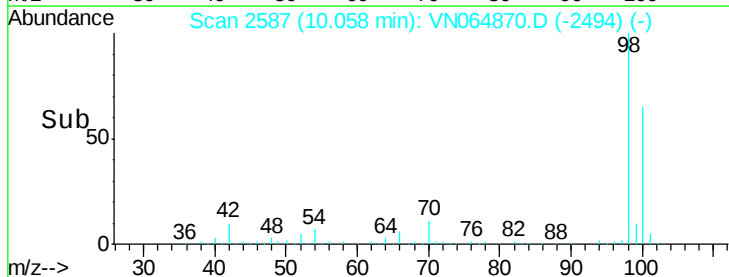
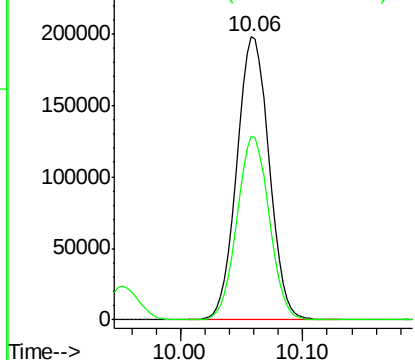


#50
Toluene-d8
Concen: 47.964 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

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): VN0
Ion 100.00 (99.70 to 100.70): VN0





#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

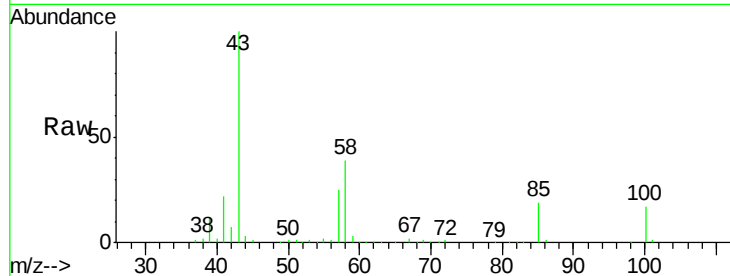
ClientSampled :

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): VN064870.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN064870.D (-2461) (-)

9.95

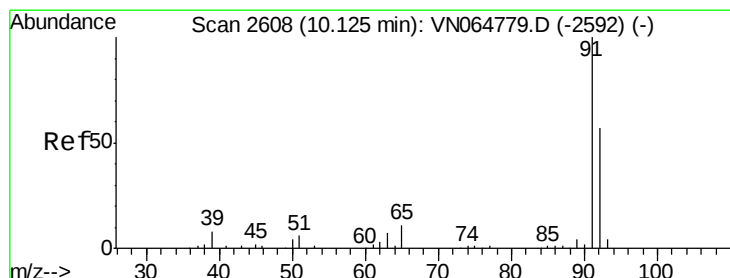
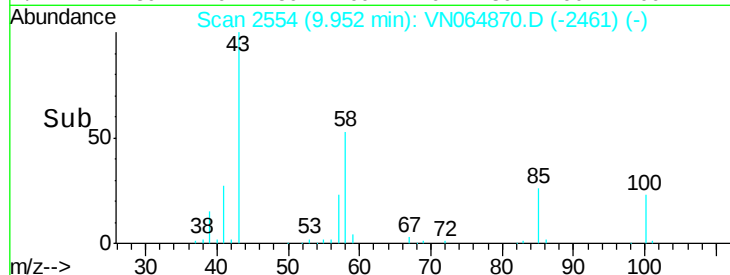
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.879 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064870.D

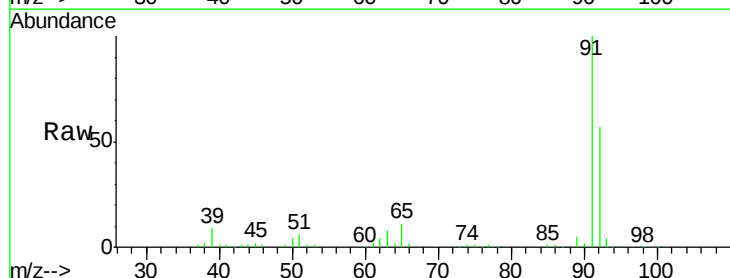
Acq: 30 Nov 2020 14:12

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): VN064870.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN064870.D (-2515) (-)

10.12

100000

80000

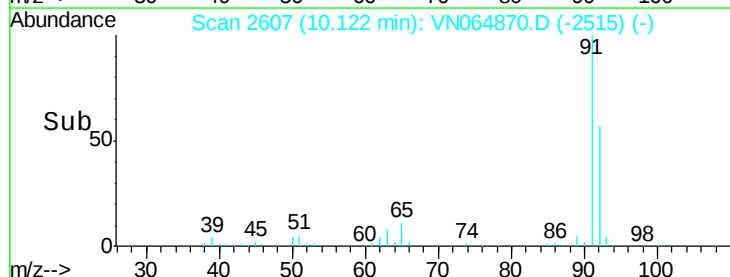
60000

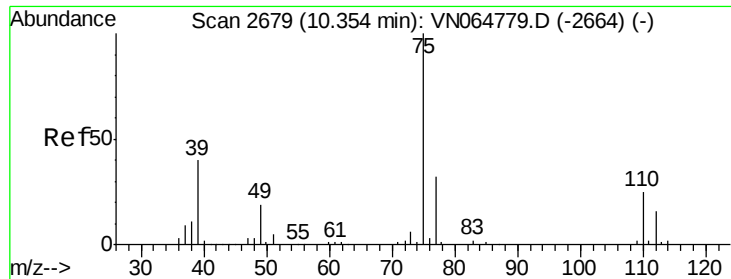
40000

20000

0

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

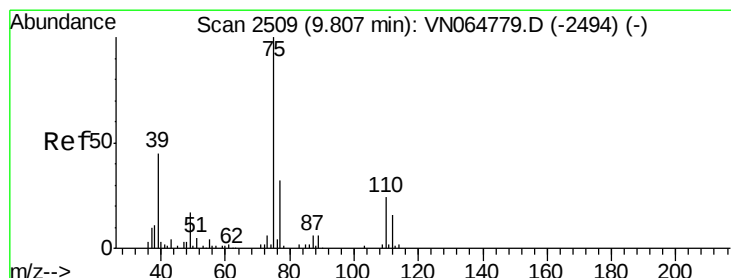
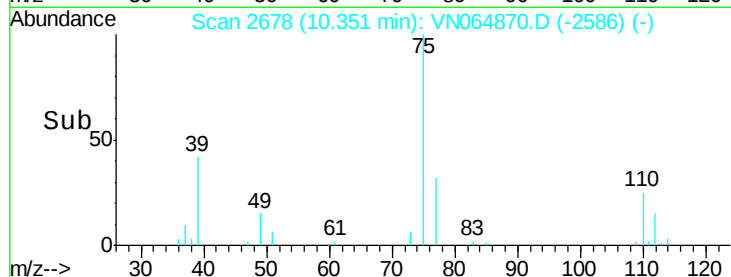
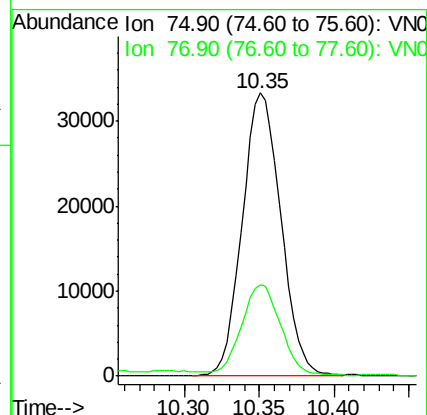
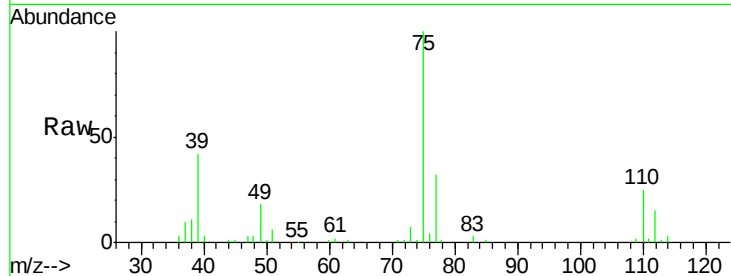
ClientSampleId :

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

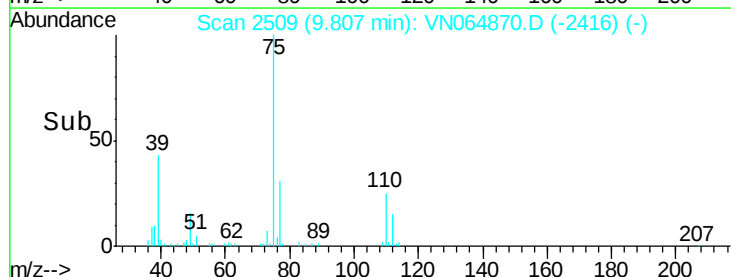
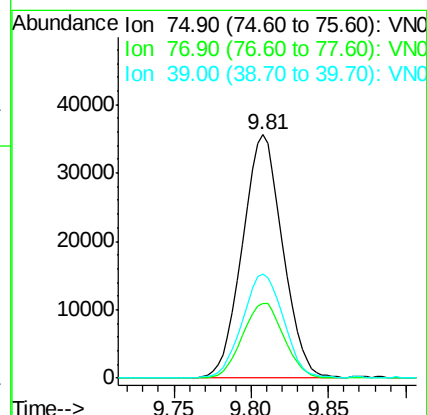
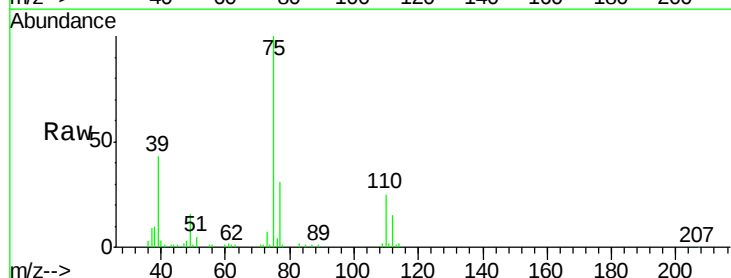
Tgt Ion: 75 Resp: 64536

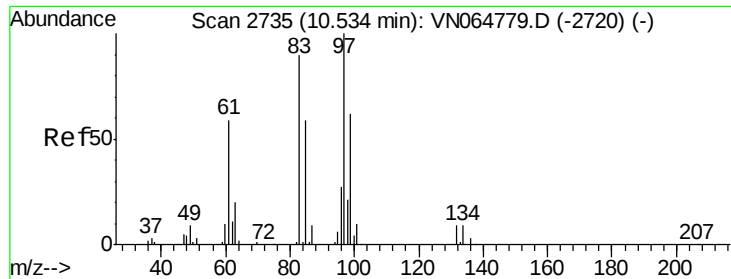
Ion Ratio Lower Upper

75 100

77 30.9 25.5 38.3

39 42.9 35.6 53.4

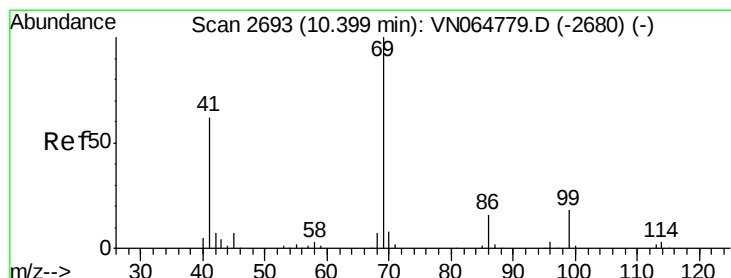
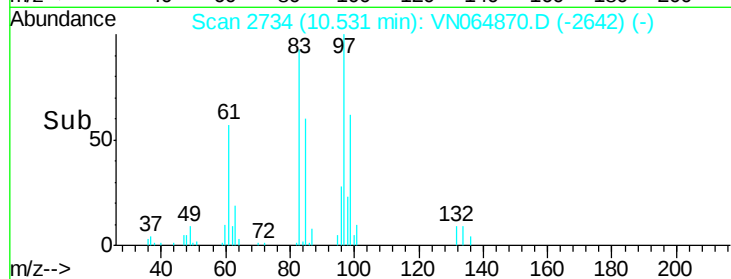
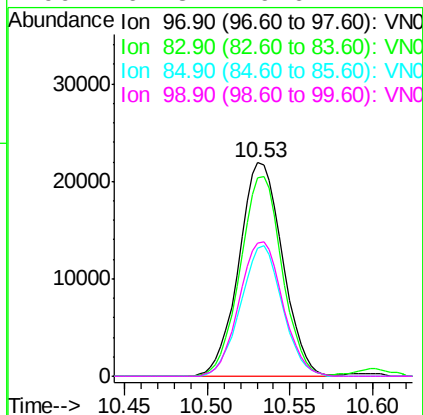
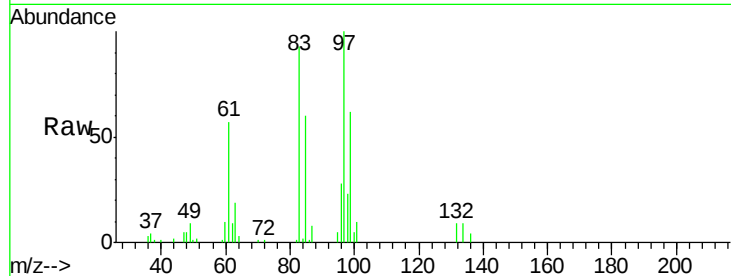




#55
 1,1,2-Trichloroethane
 Concen: 18.103 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

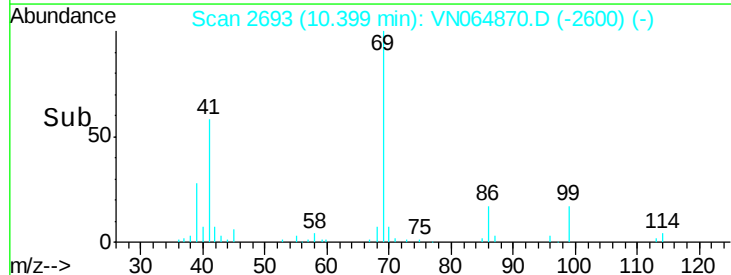
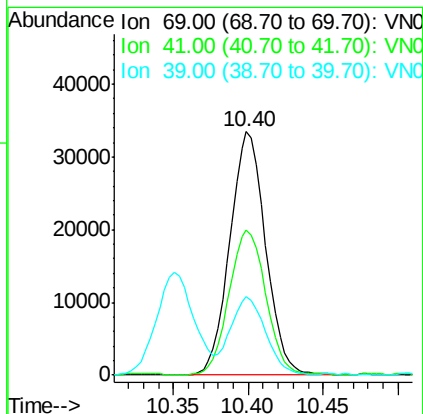
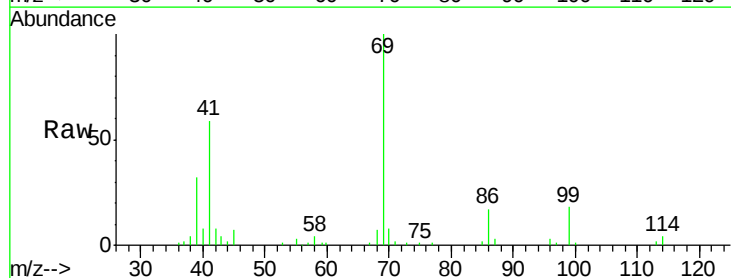
Instrument :
 MSVOA_N
 ClientSampleId :

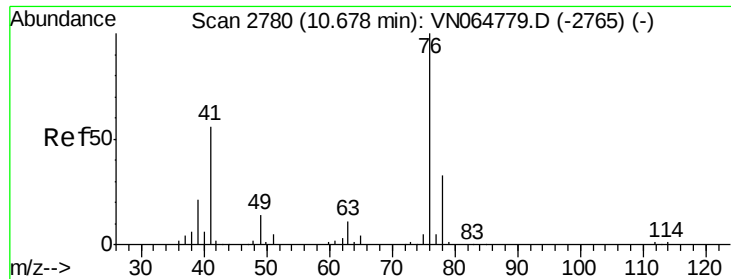
Tot Ion: 97 Resp: 40234
 Ion Ratio Lower Upper
 97 100
 83 92.7 72.1 108.1
 85 60.1 46.8 70.2
 99 62.3 49.6 74.4



#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

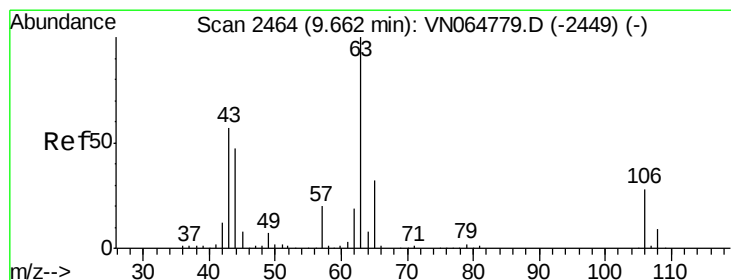
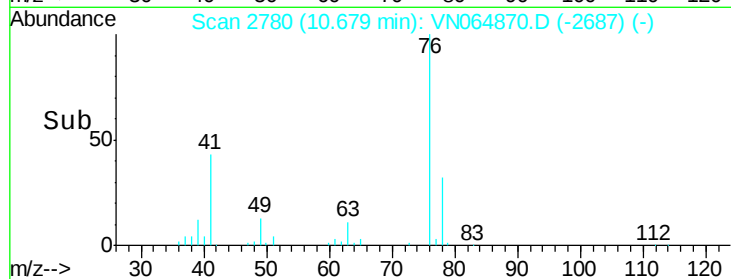
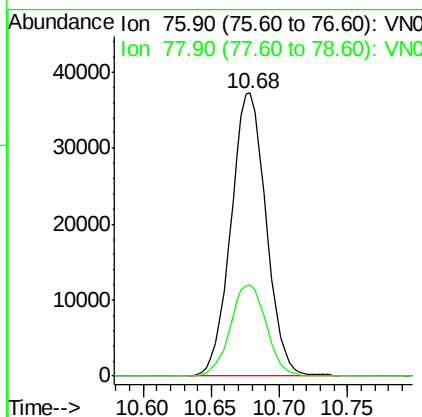
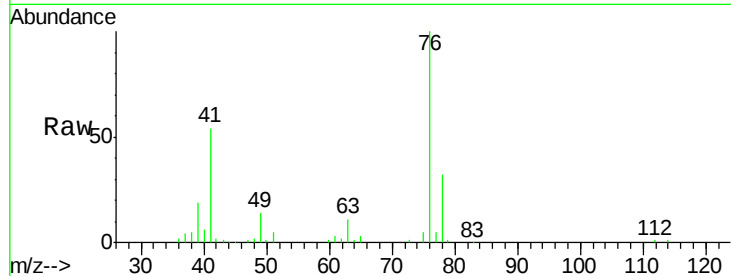




#57
 1,3-Dichloropropane
 Concen: 18.158 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

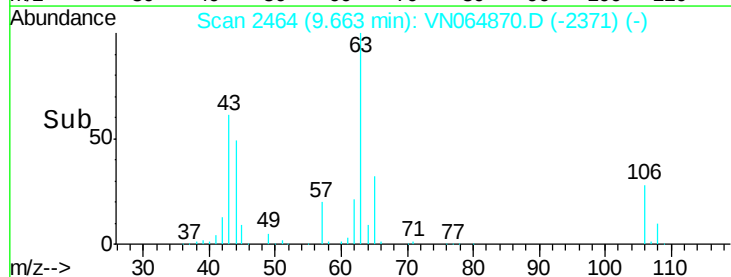
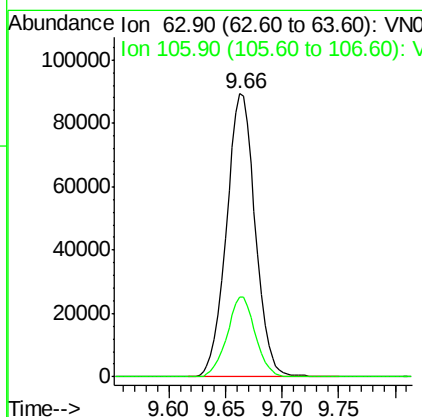
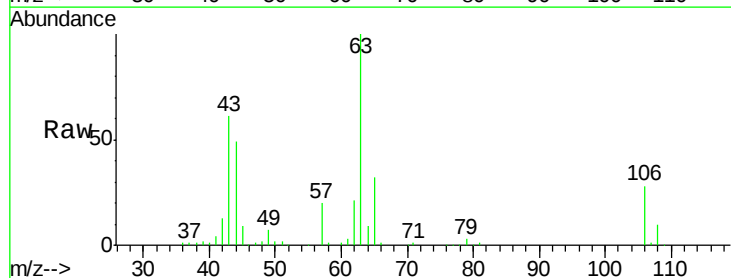
Instrument :
 MSVOA_N
 ClientSampleId :

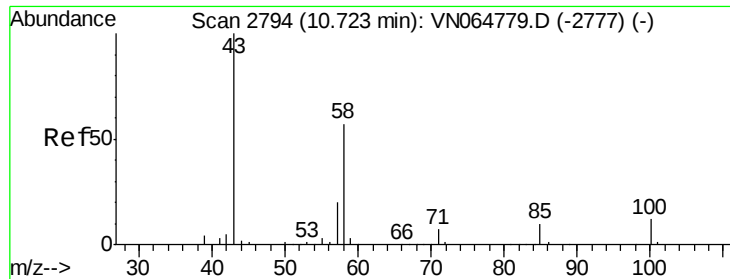
Tot Ion: 76 Resp: 66570
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.1 39.1



#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

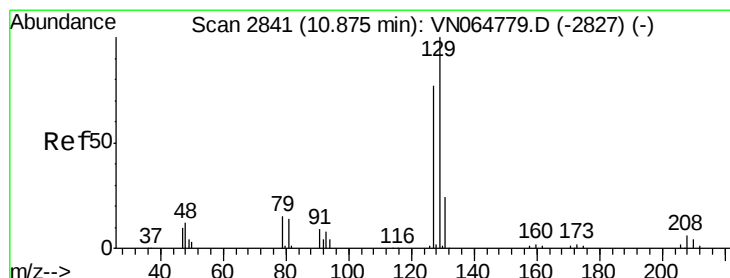
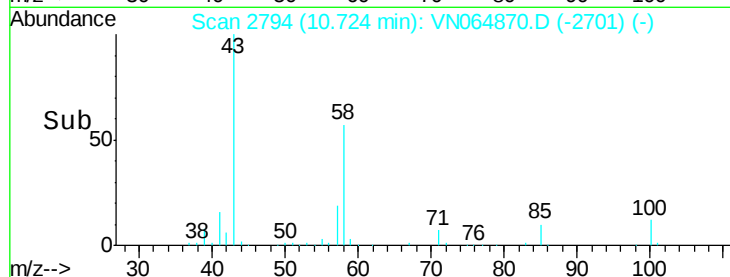
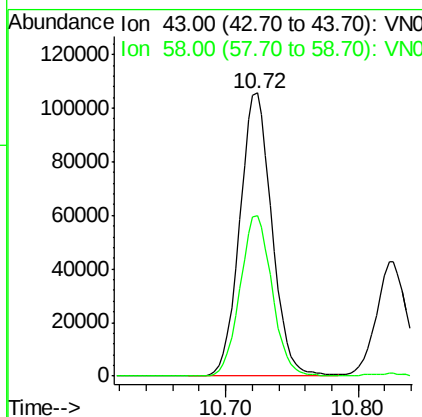
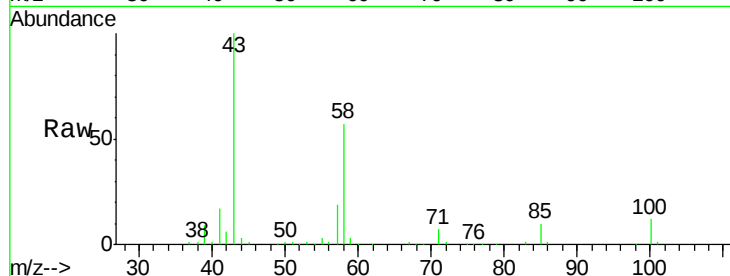




#59
2-Hexanone
Concen: 92.647 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

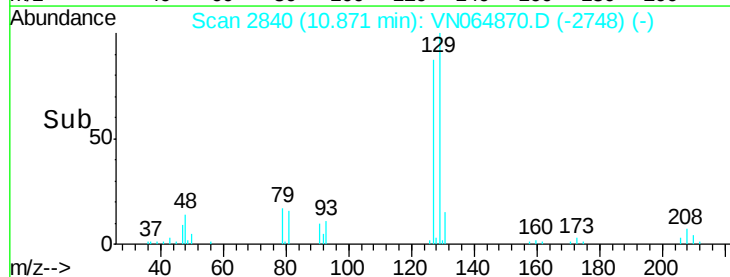
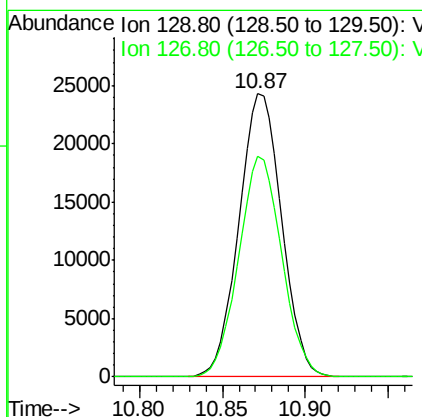
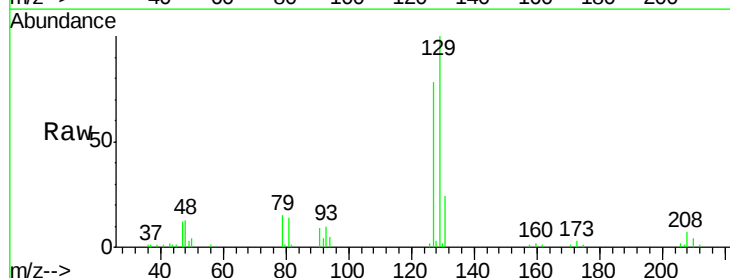
Instrument :
MSVOA_N
ClientSampled :

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

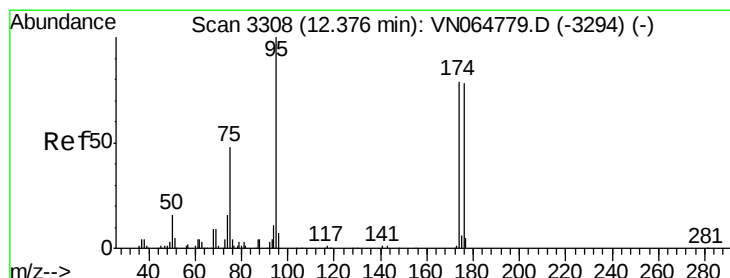
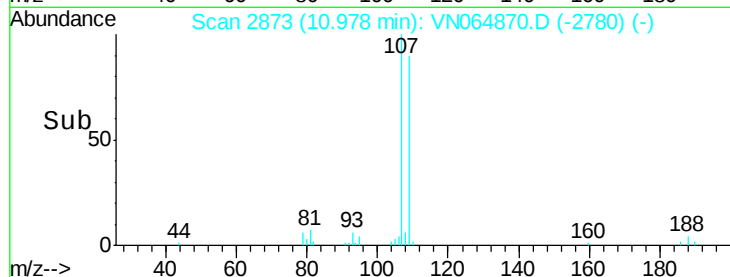
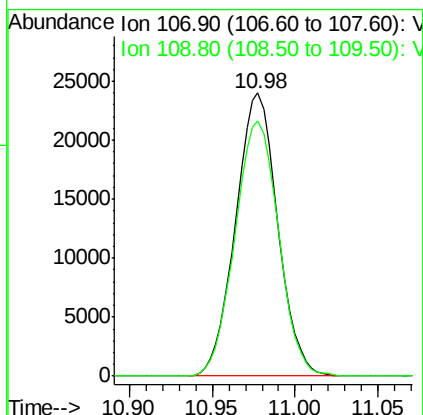
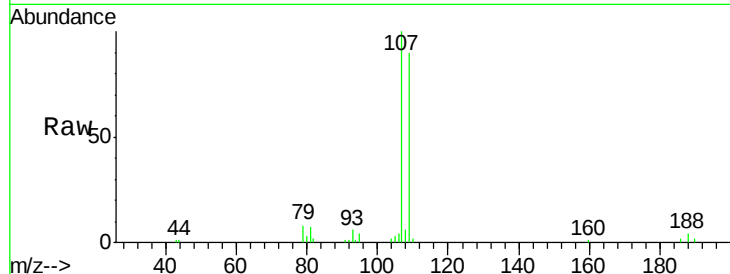




#61
 1,2-Dibromoethane
 Concen: 18.794 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

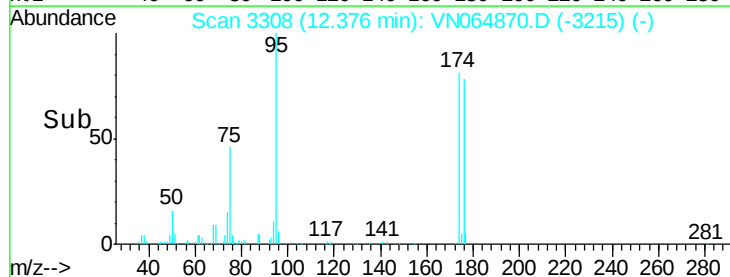
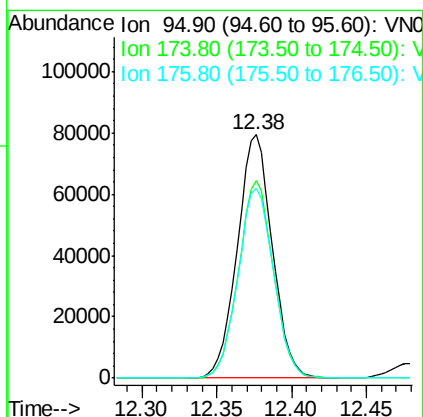
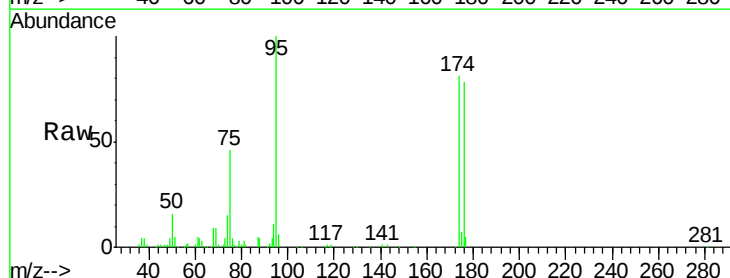
Instrument :
 MSVOA_N
 ClientSampled :

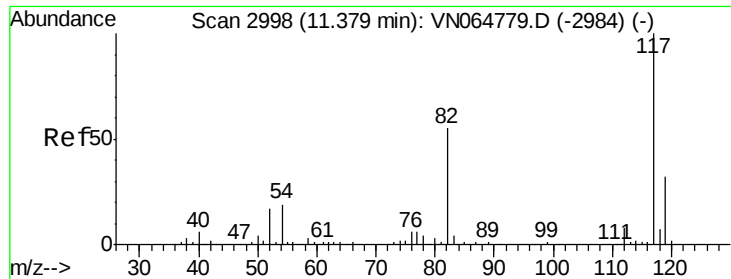
Tot Ion:107 Resp: 42436
 Ion Ratio Lower Upper
 107 100
 109 93.6 76.0 114.0



#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

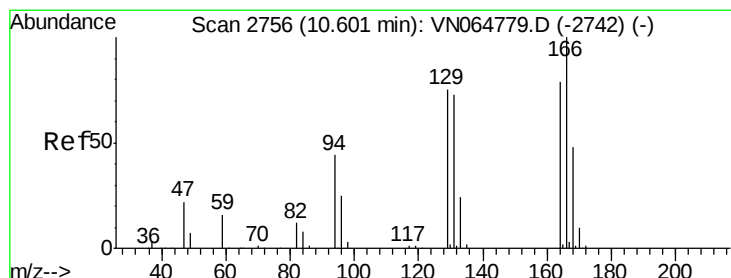
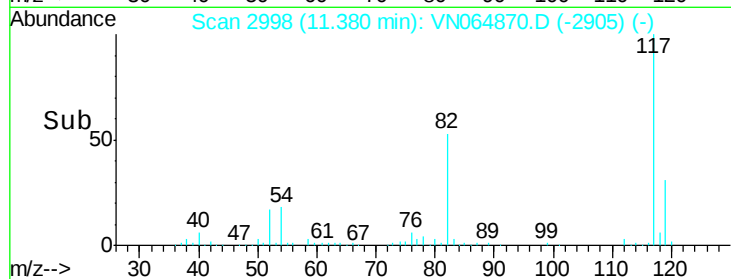
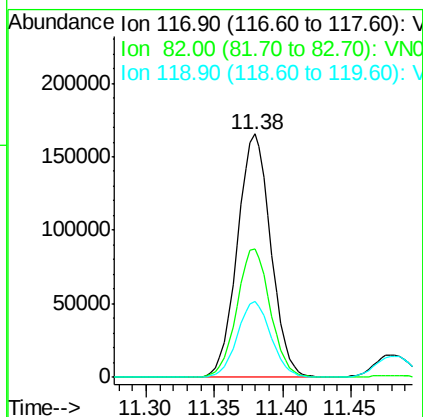
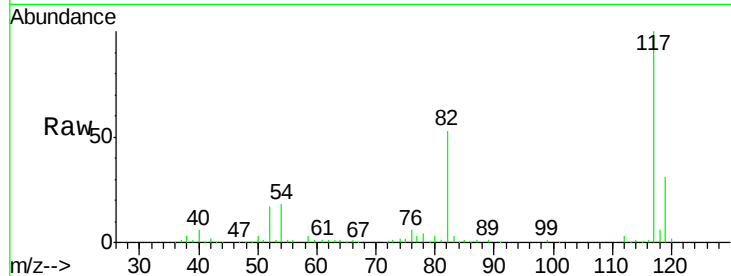




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

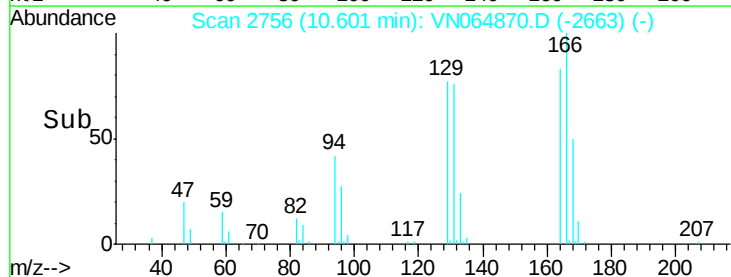
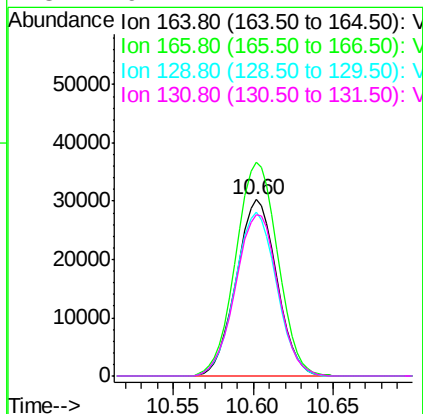
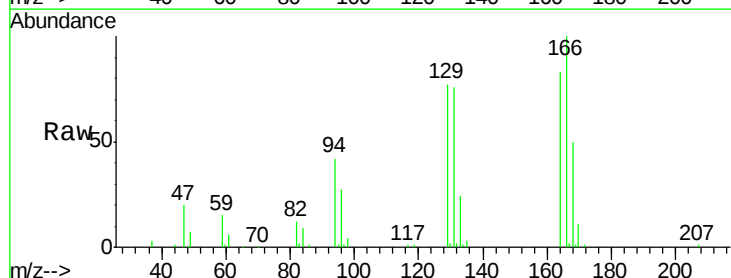
Instrument :
MSVOA_N
ClientSampled :

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



#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

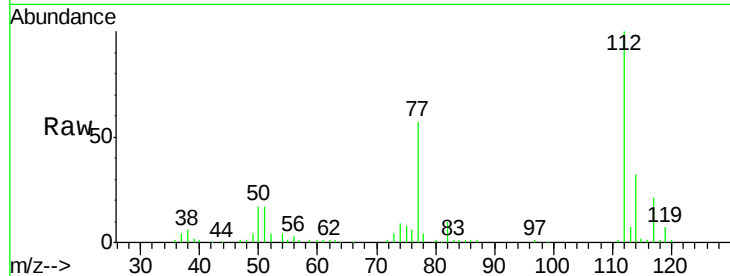




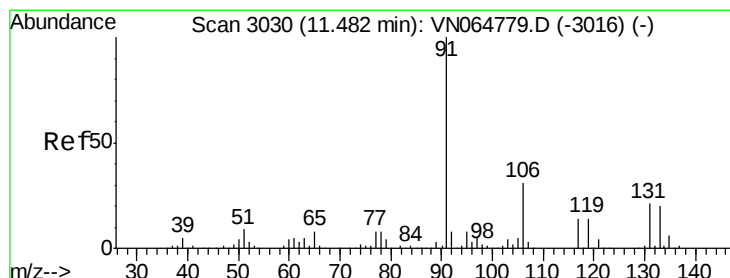
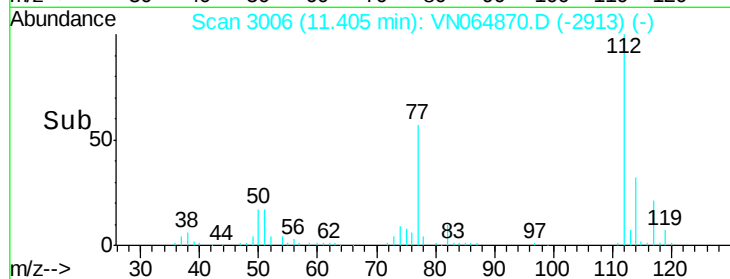
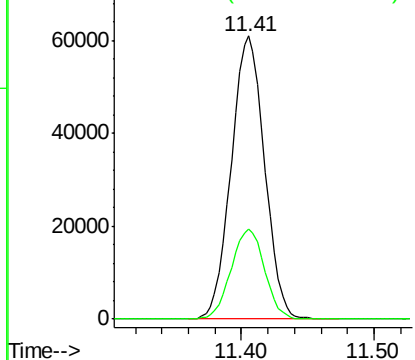
#65
Chlorobenzene
Concen: 17.562 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampleId :

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

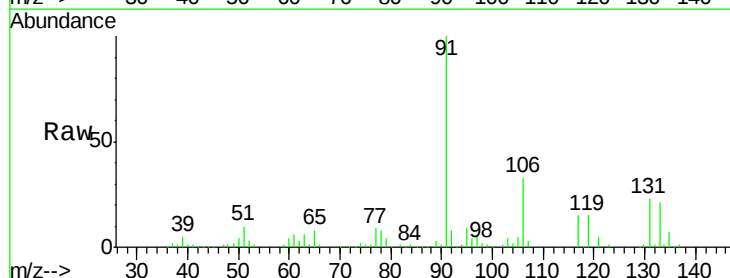


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

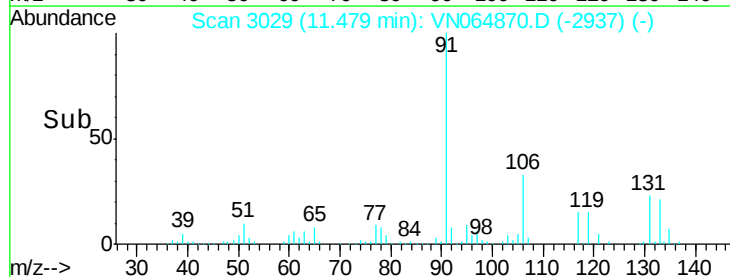
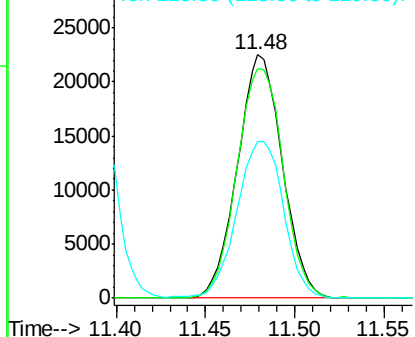


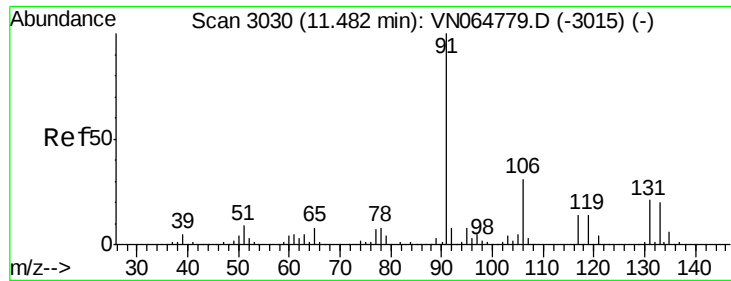
#66
1,1,1,2-Tetrachloroethane
Concen: 17.733 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

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



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

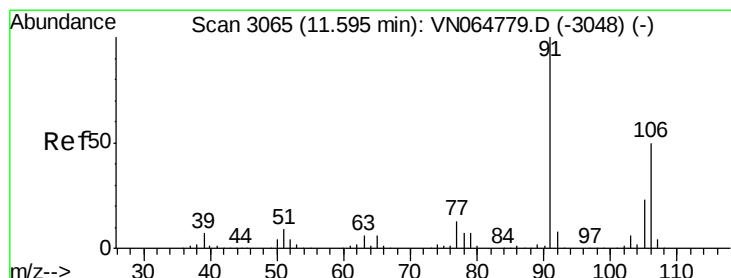
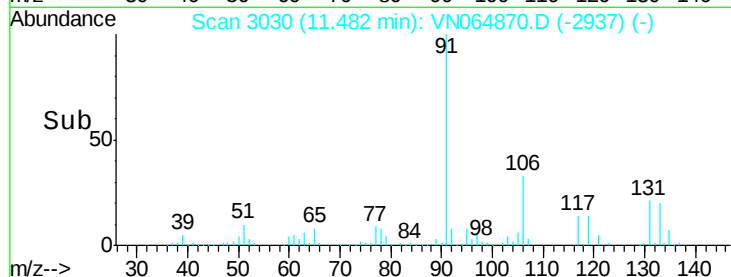
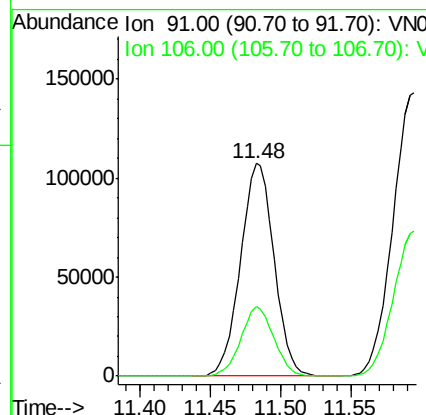
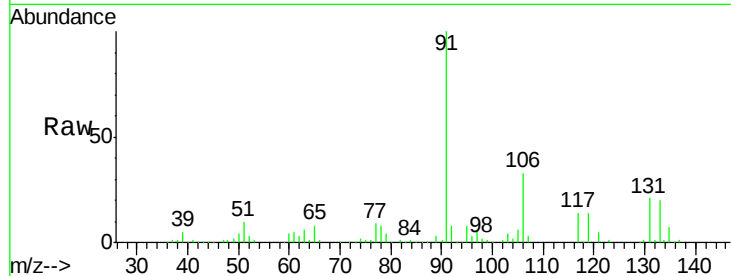




#67
Ethyl Benzene
Concen: 17.749 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

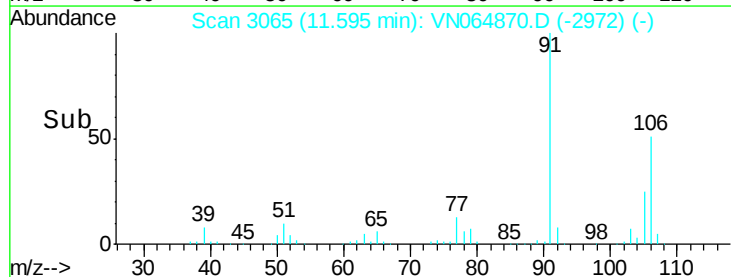
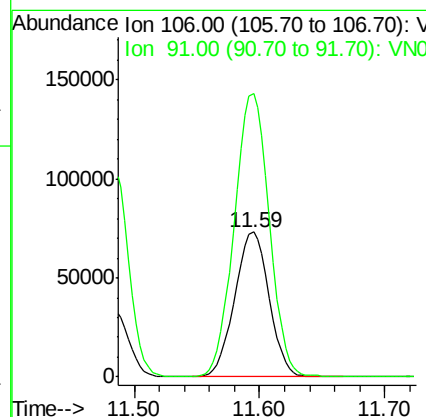
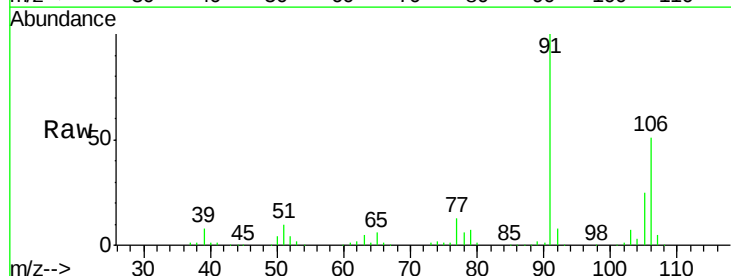
Instrument :
MSVOA_N
ClientSampled :

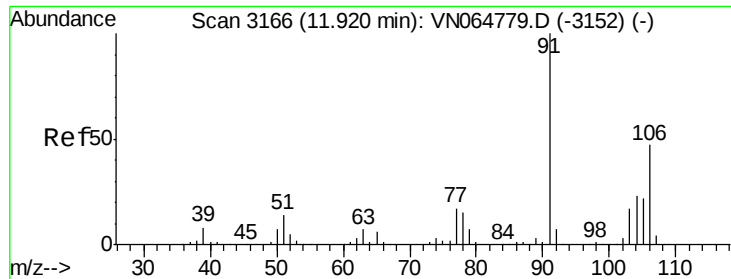
Tot Ion: 91 Resp: 179377
Ion Ratio Lower Upper
91 100
106 32.8 25.2 37.8



#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

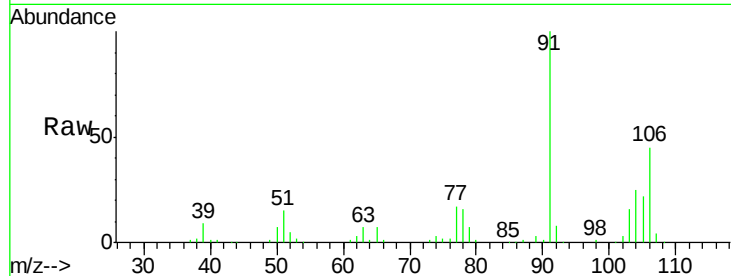




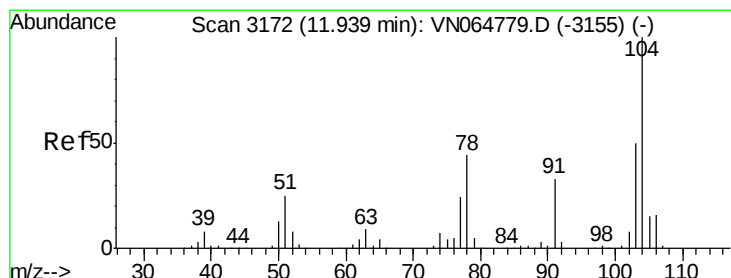
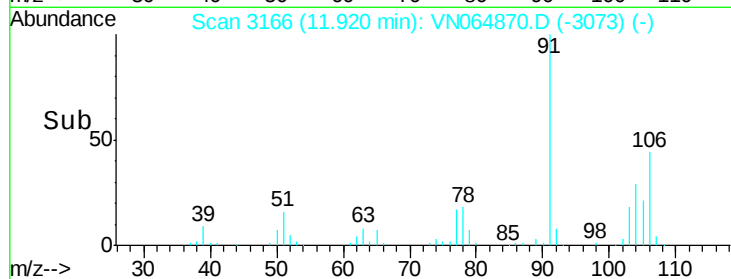
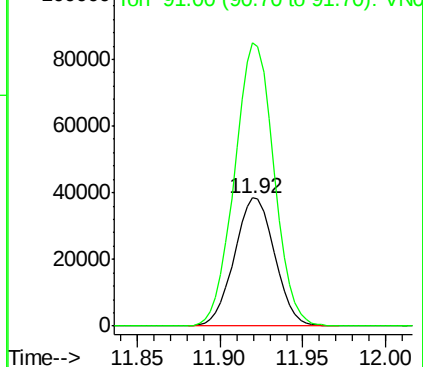
#69
o-Xylene
Concen: 17.891 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

Instrument :
MSVOA_N
ClientSampled :

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

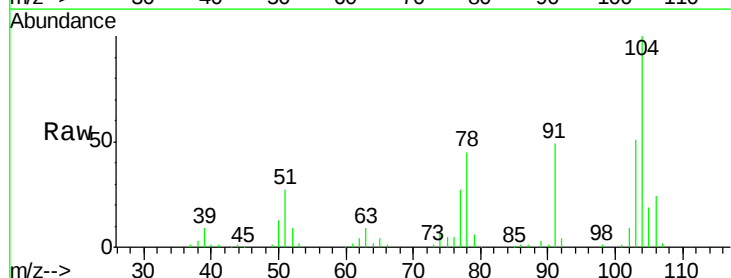


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

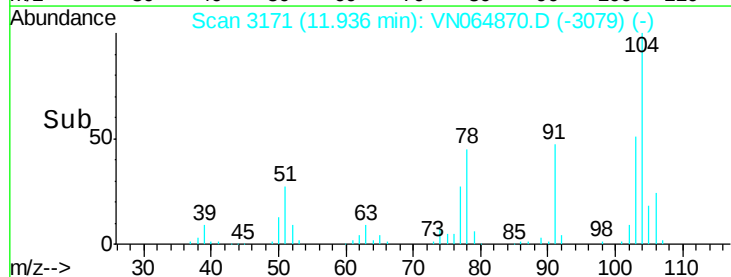
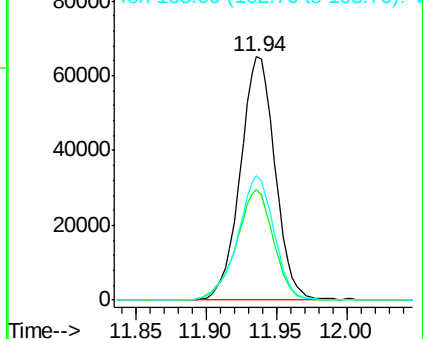


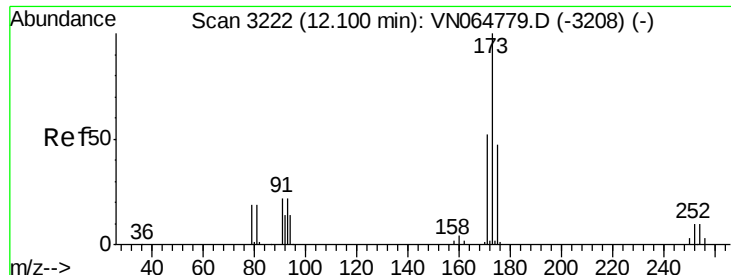
#70
Styrene
Concen: 18.323 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

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

ClientSampled :

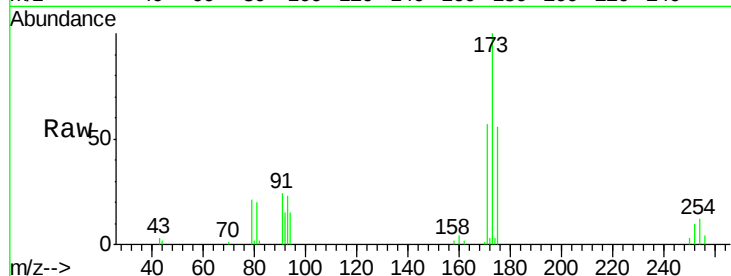
Tot Ion:173 Resp: 30806

Ion Ratio Lower Upper

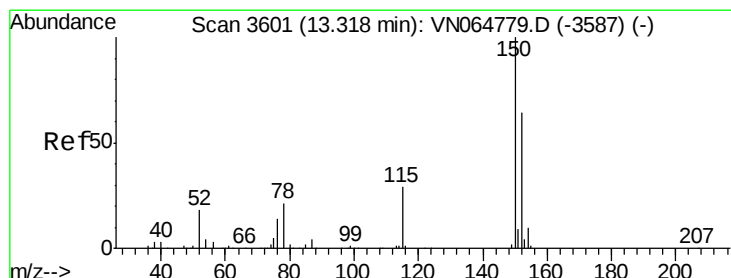
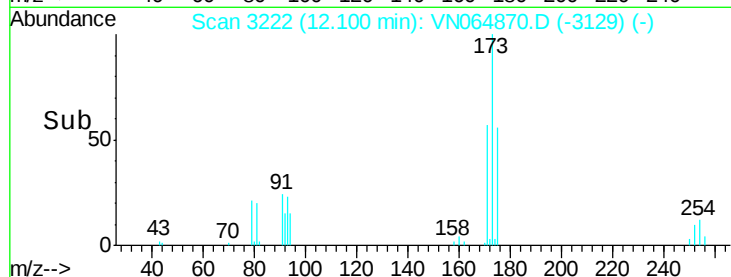
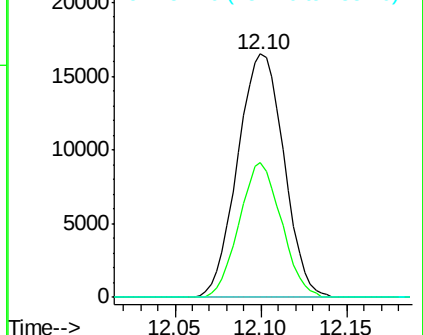
173 100

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

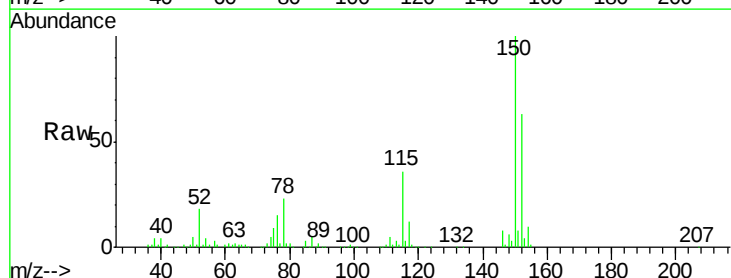
Tgt Ion:152 Resp: 136620

Ion Ratio Lower Upper

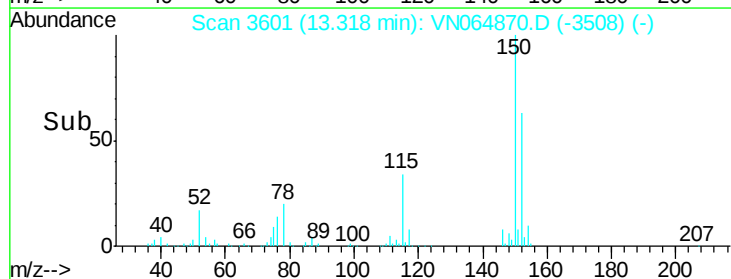
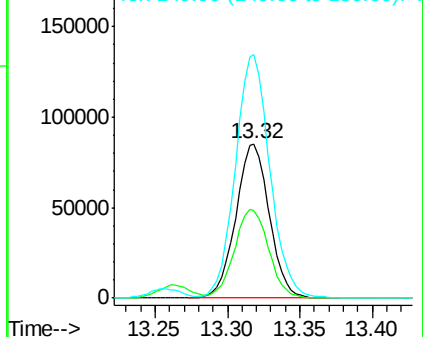
152 100

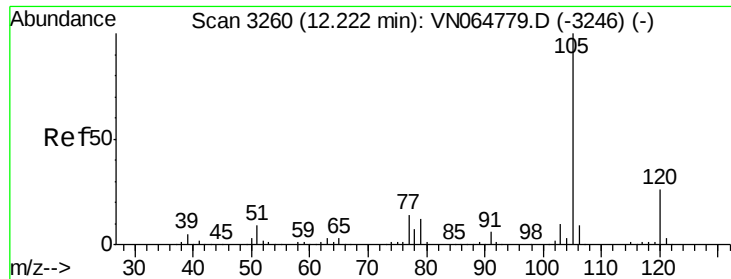
115 59.1 29.7 89.1

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

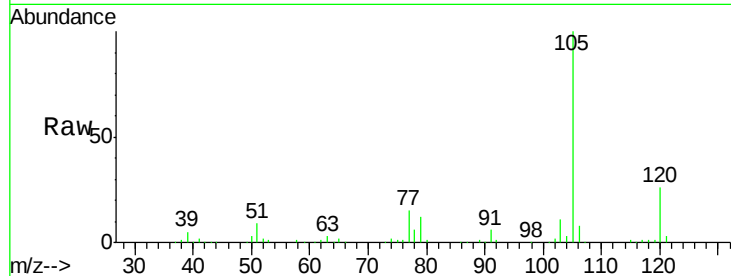
ClientSampleId :

Tot Ion:105 Resp: 175607

Ion Ratio Lower Upper

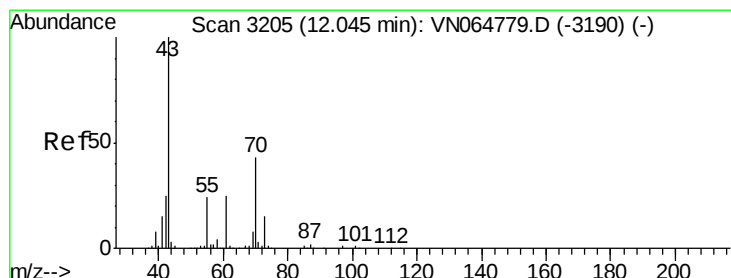
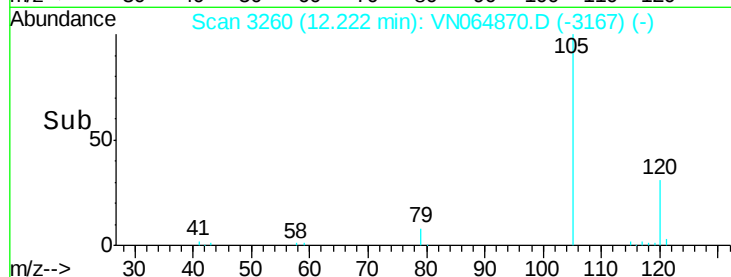
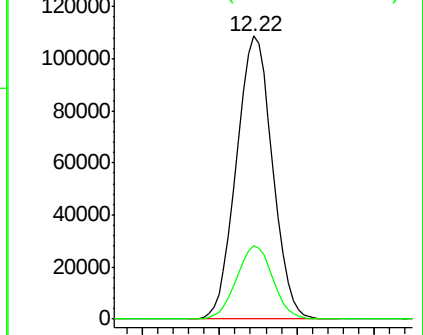
105 100

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

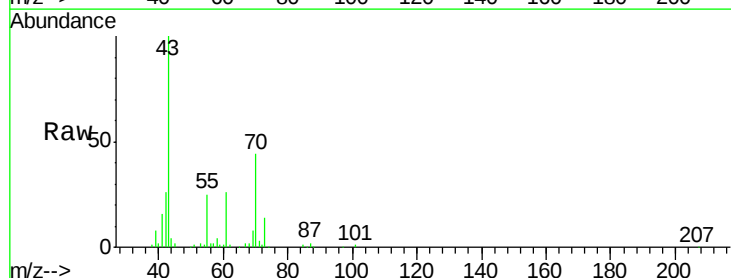
Ion Ratio Lower Upper

43 100

70 43.9 34.5 51.7

55 25.5 20.4 30.6

61 26.0 20.0 30.0

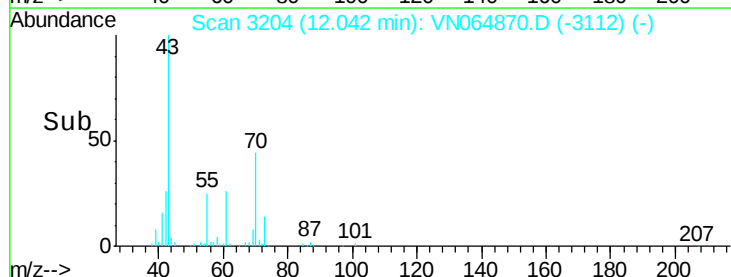
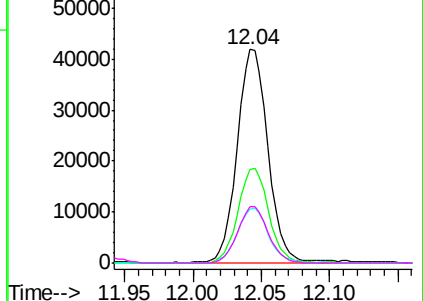


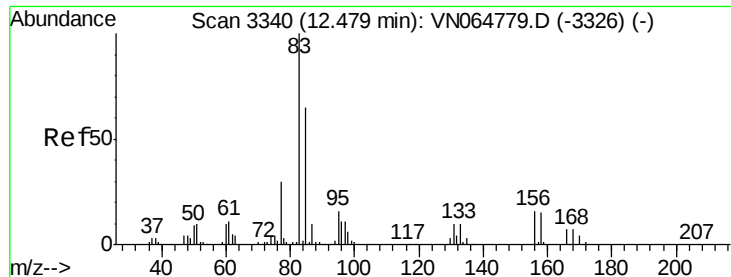
Abundance Ion 43.00 (42.70 to 43.70): V

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

ClientSampleId :

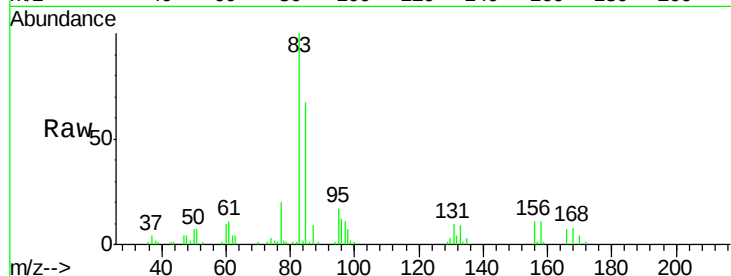
Tot Ion: 83 Resp: 47887

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.1	15.3
85	66.2	33.0	99.0

83 100

131 10.8 5.1 15.3

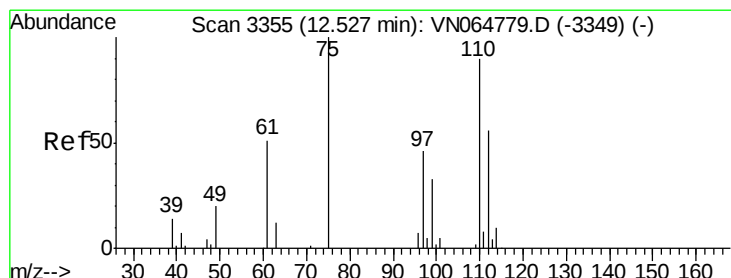
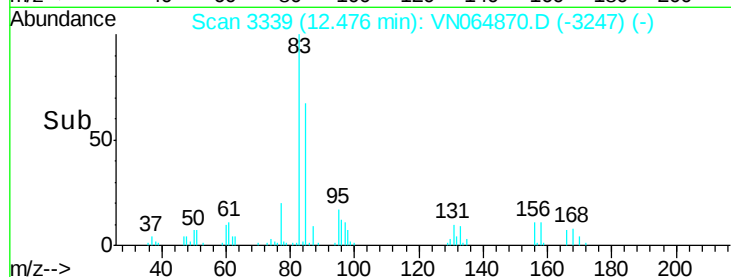
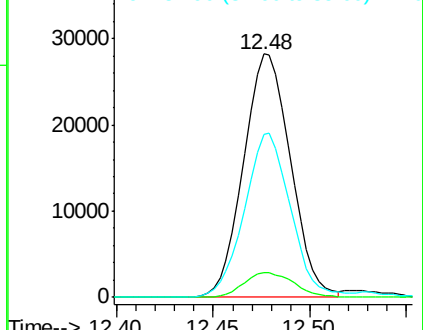
85 66.2 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#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

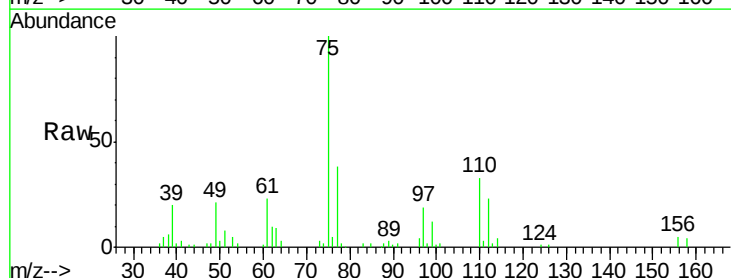
Acq: 30 Nov 2020 14:12

Tgt Ion: 75 Resp: 74427

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

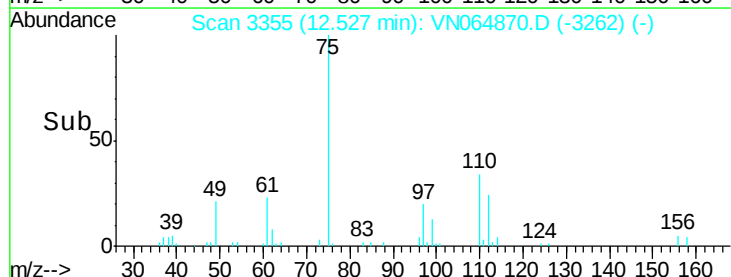
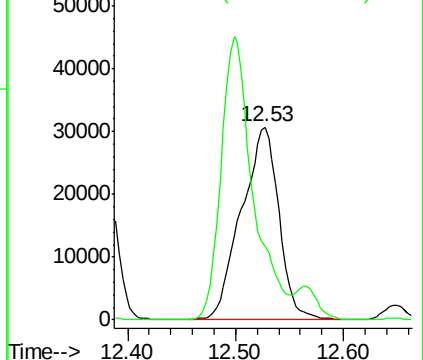
75 100

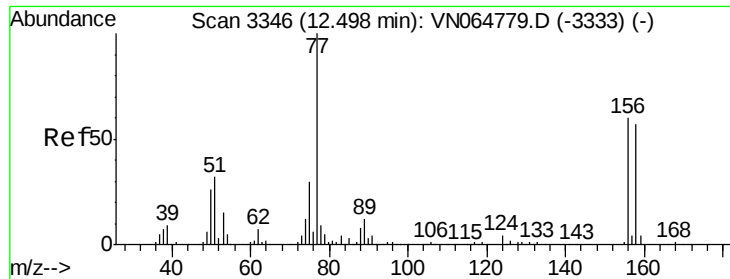
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#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

ClientSampled :

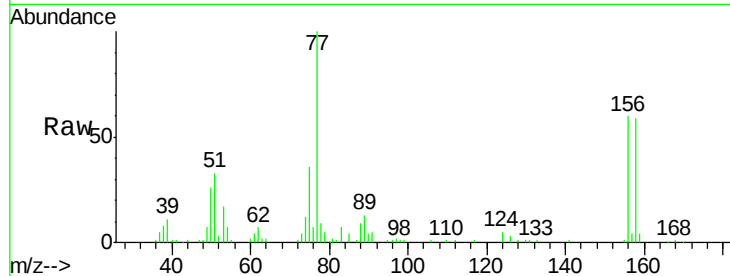
Tot Ion:156 Resp: 46041

Ion Ratio Lower Upper

156 100

77 201.7 101.3 303.7

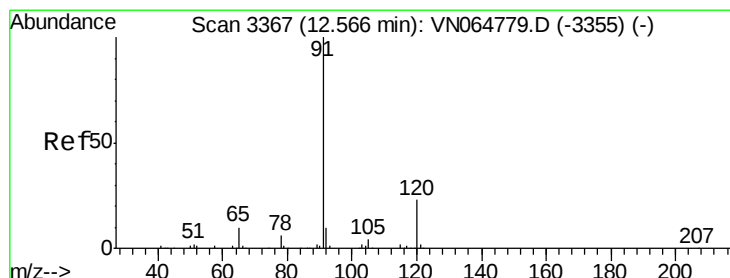
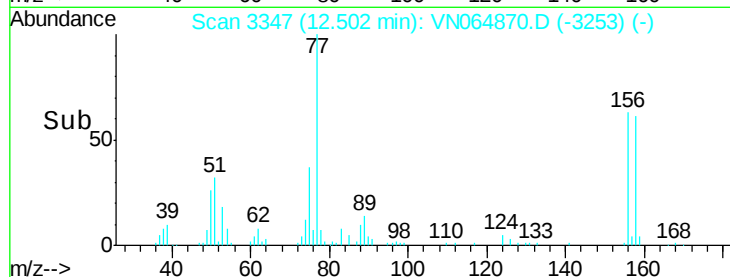
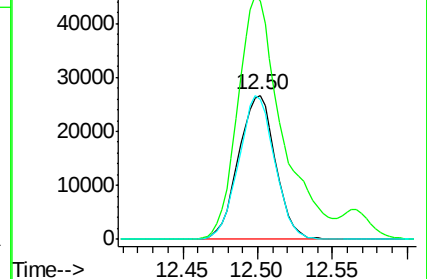
158 96.5 48.2 144.6



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

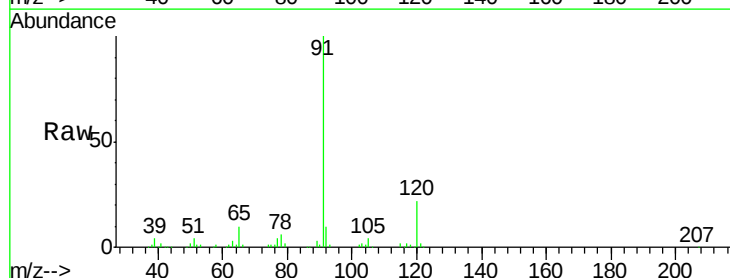
Acq: 30 Nov 2020 14:12

Tgt Ion: 91 Resp: 198753

Ion Ratio Lower Upper

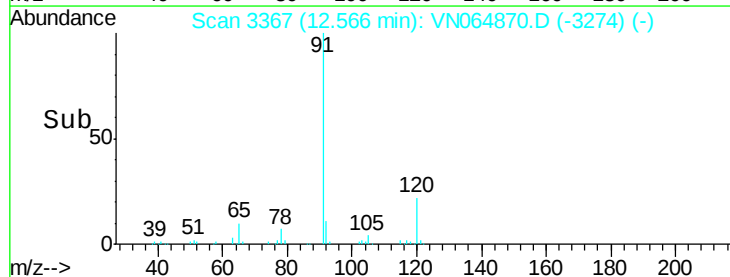
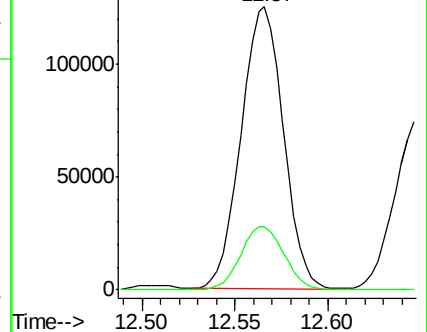
91 100

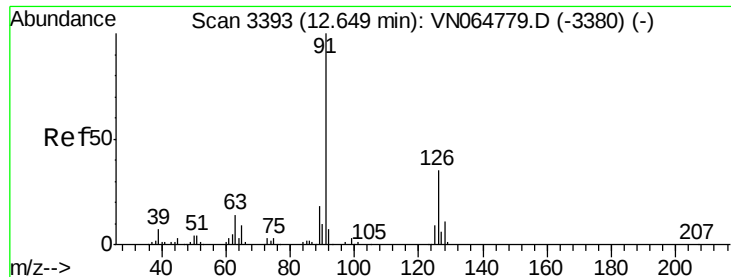
120 23.0 11.6 34.7



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

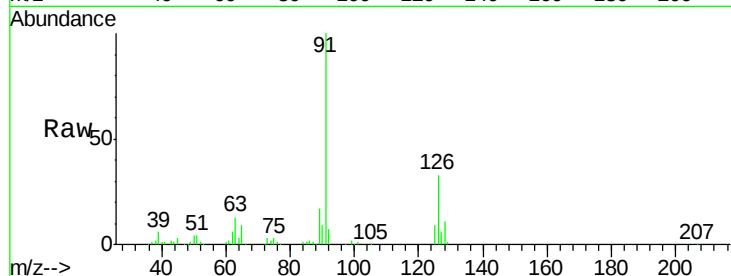
ClientSampled :

Tot Ion: 91 Resp: 122468

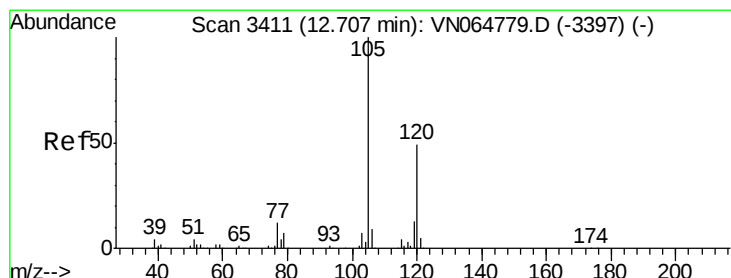
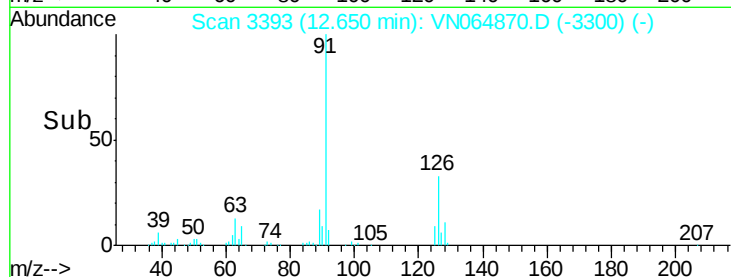
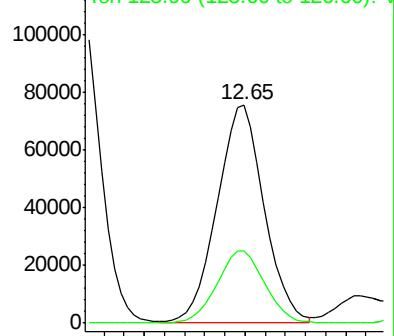
Ion Ratio Lower Upper

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

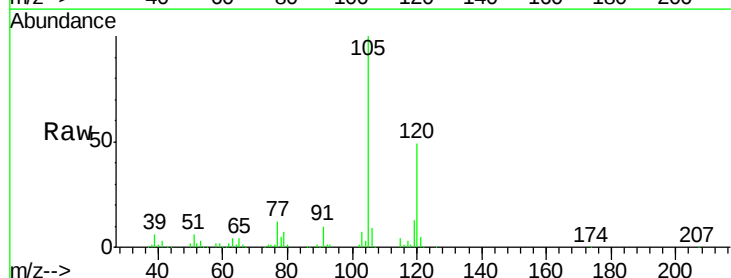
Acq: 30 Nov 2020 14:12

Tgt Ion: 105 Resp: 151145

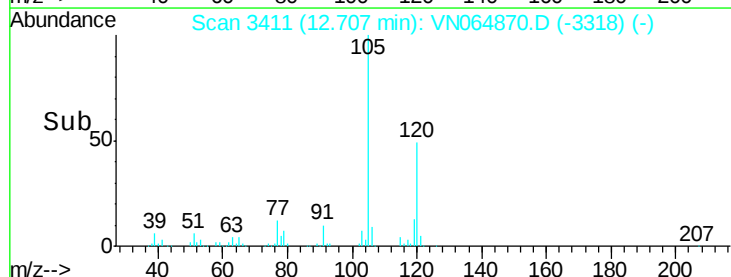
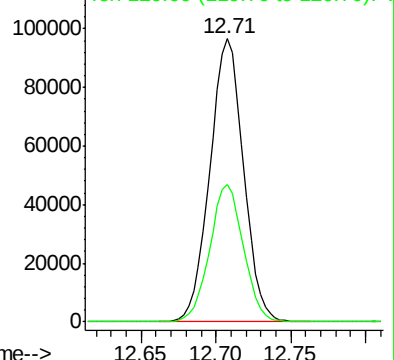
Ion Ratio Lower Upper

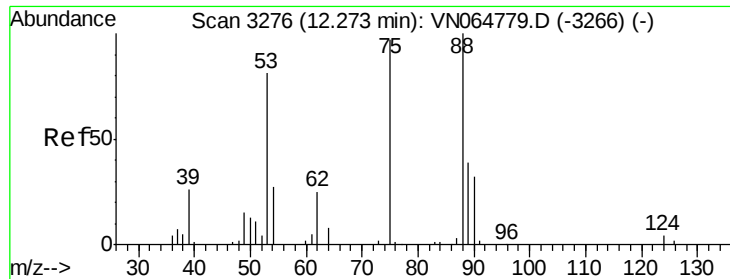
105 100

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 :

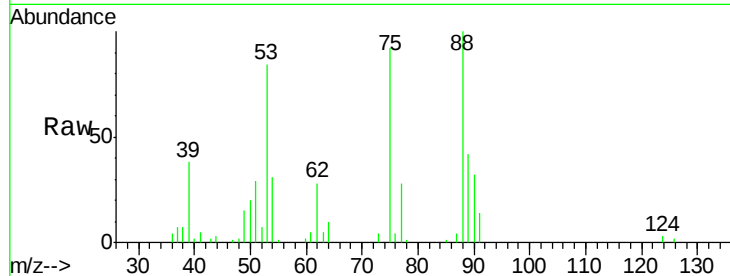
Tot Ion: 75 Resp: 17704

Ion Ratio Lower Upper

75 100

53 95.2 67.0 100.4

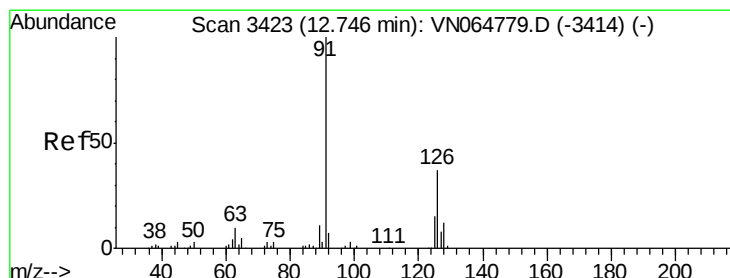
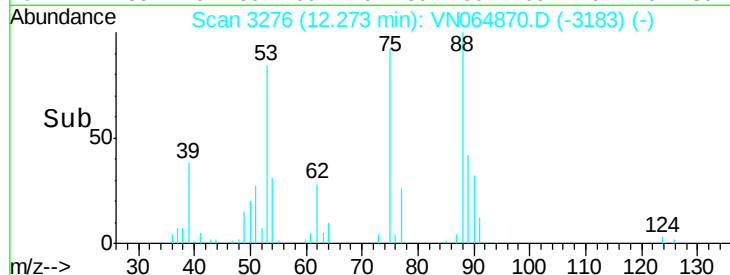
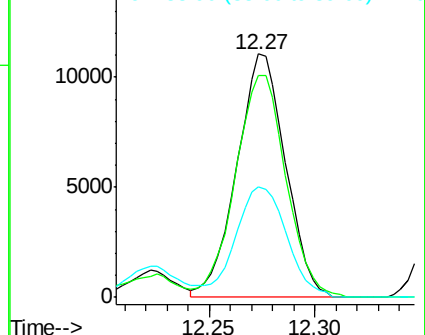
89 47.9 39.6 59.4



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

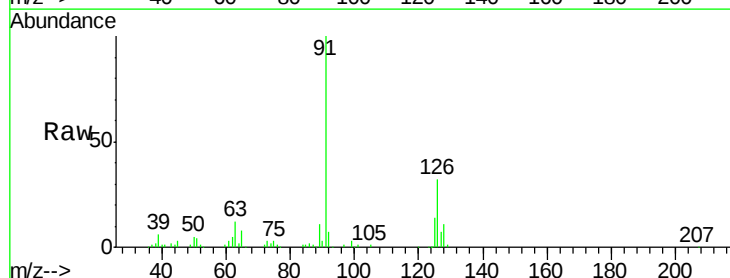
Acq: 30 Nov 2020 14:12

Tgt Ion: 91 Resp: 129651

Ion Ratio Lower Upper

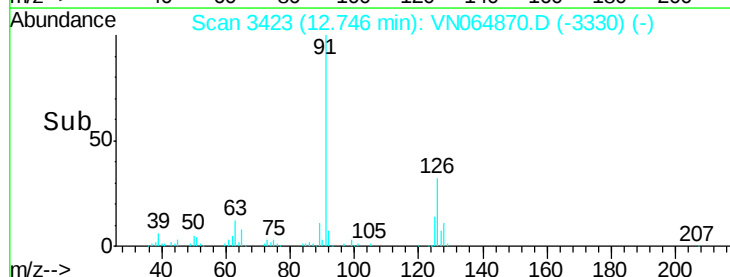
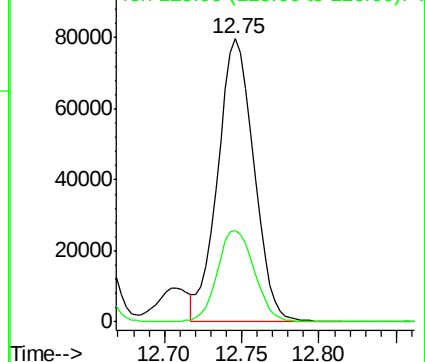
91 100

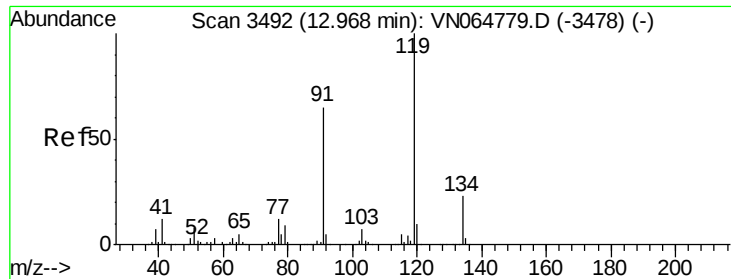
126 33.2 16.9 50.7



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

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

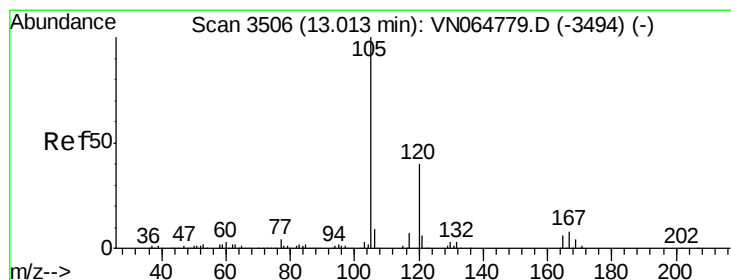
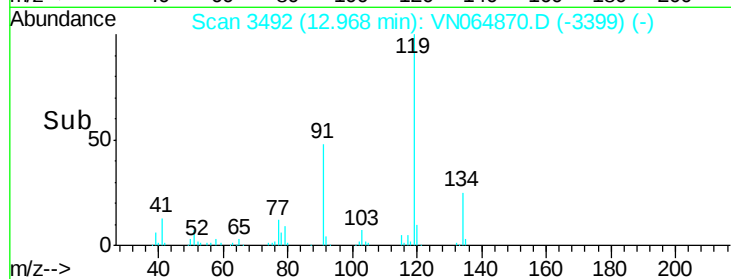
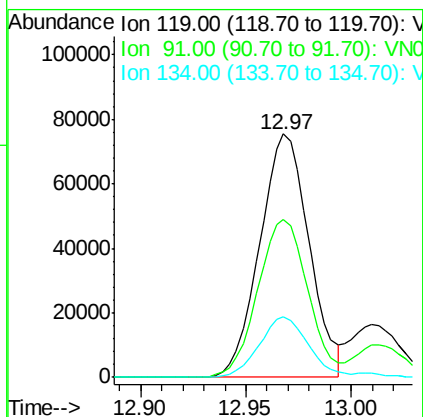
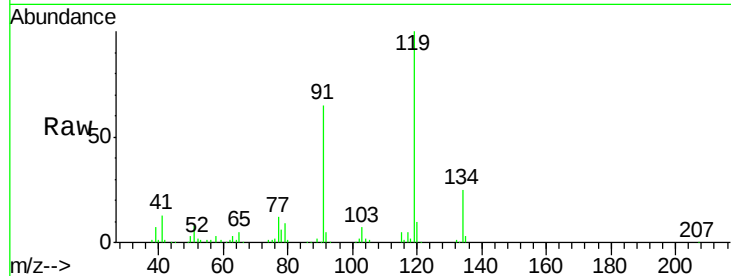




#83
 tert-Butylbenzene
 Concen: 18.586 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

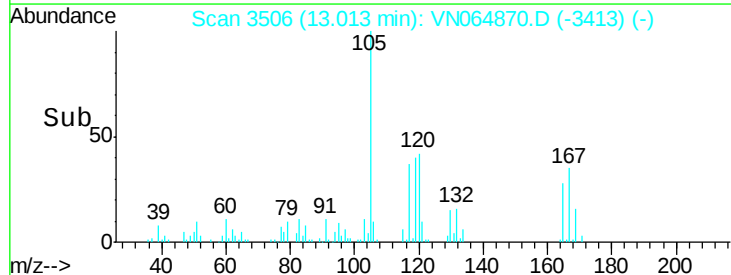
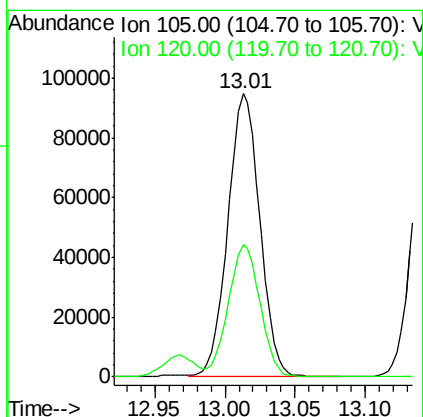
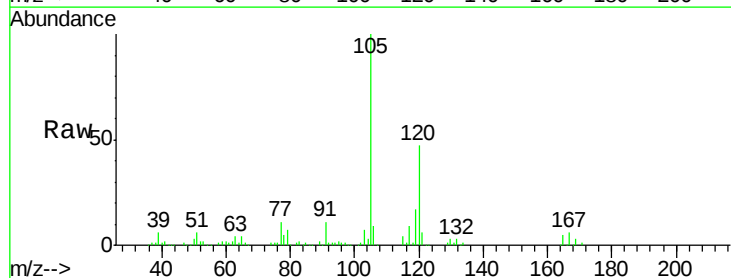
Instrument :
 MSVOA_N
 ClientSampled :

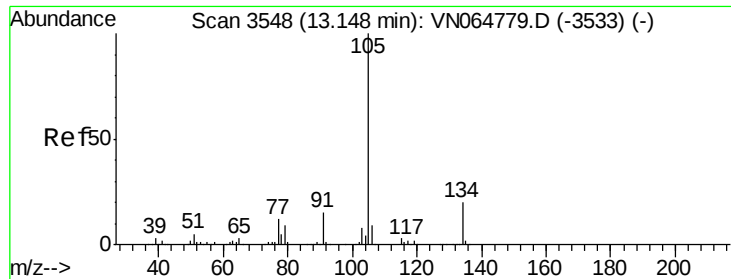
Tot Ion:119 Resp: 123049
 Ion Ratio Lower Upper
 119 100
 91 66.1 32.3 96.8
 134 24.7 12.6 37.6



#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

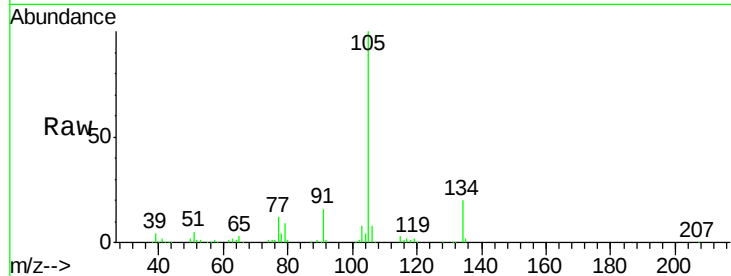
ClientSampleId :

Tot Ion:105 Resp: 165154

Ion Ratio Lower Upper

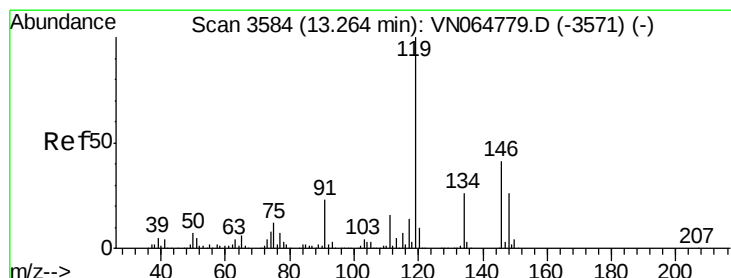
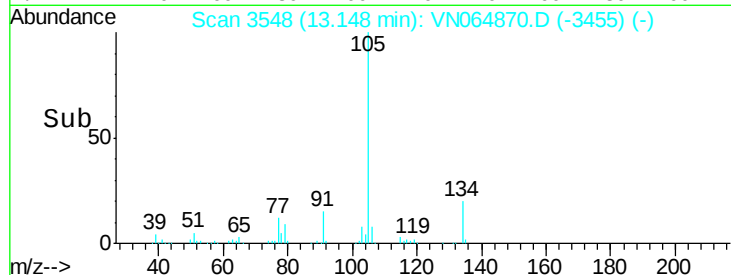
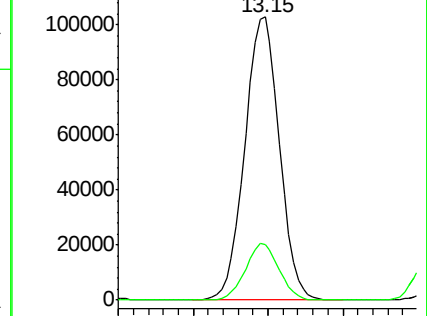
105 100

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

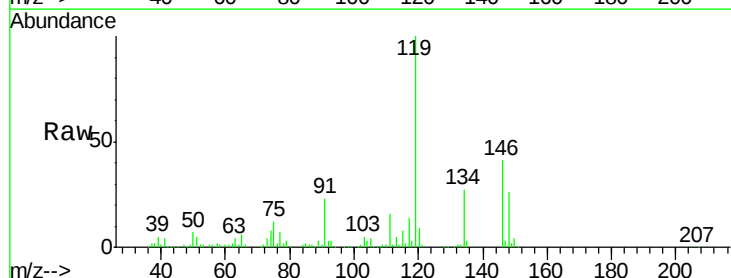
Tgt Ion:119 Resp: 153809

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

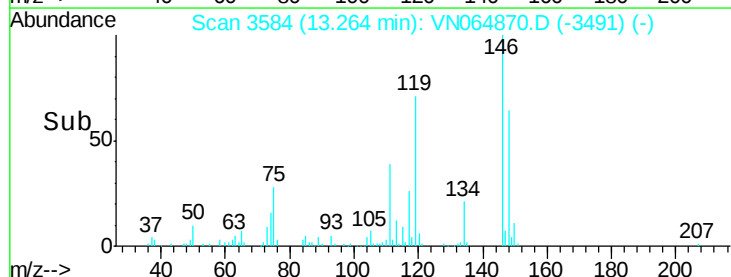
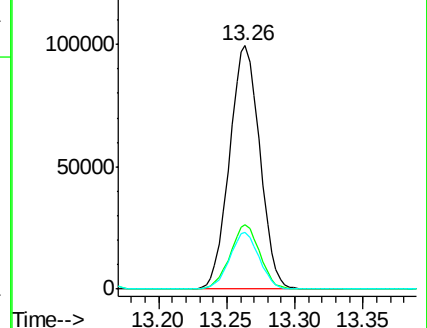
91 22.8 11.5 34.5

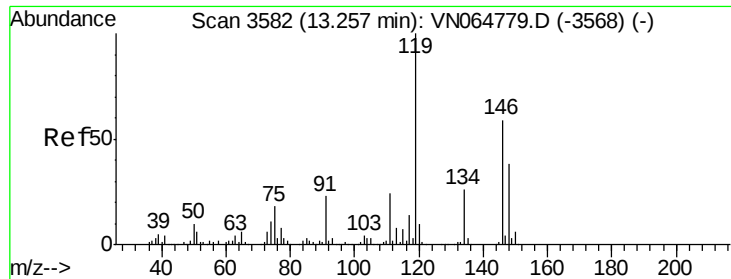


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

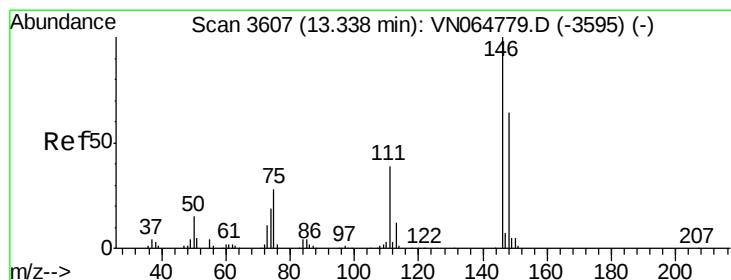
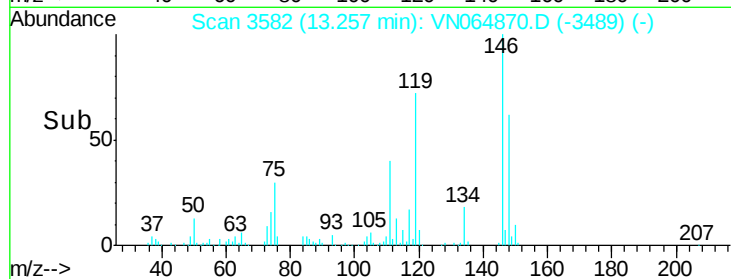
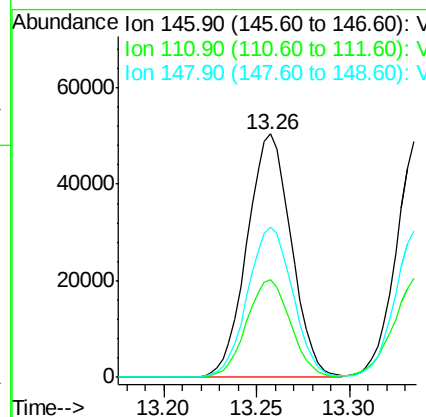
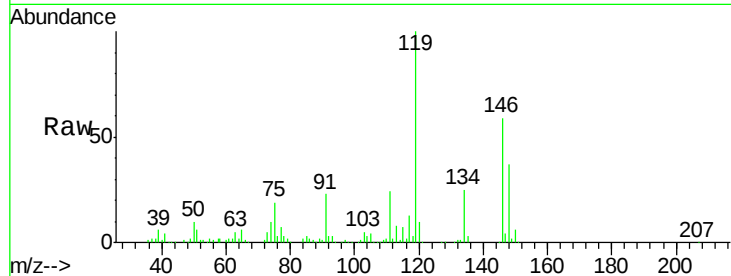




#87
 1,3-Dichlorobenzene
 Concen: 18.321 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

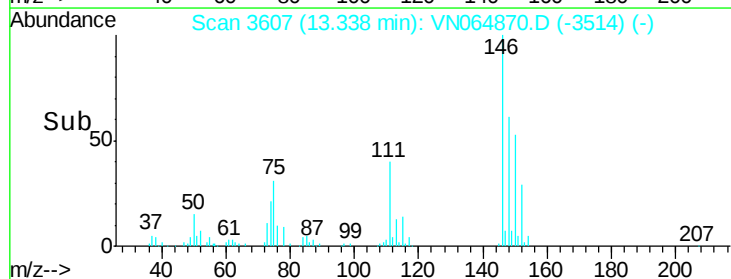
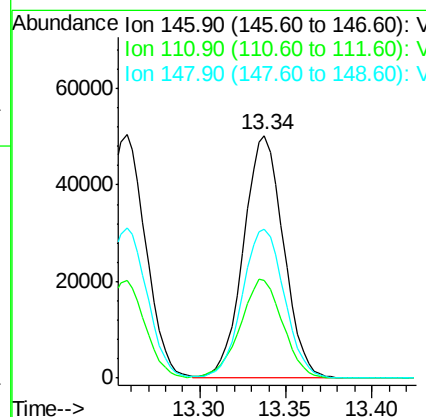
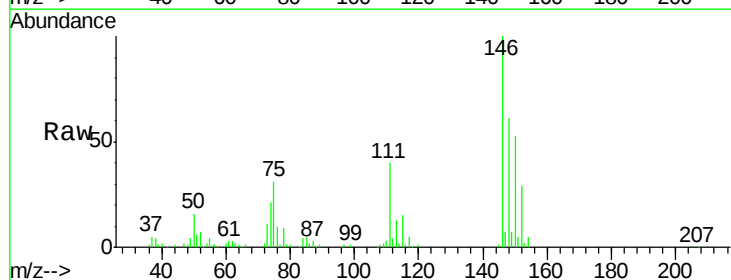
Instrument :
 MSVOA_N
 ClientSampled :

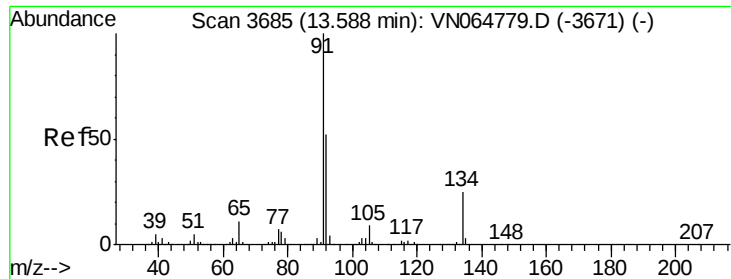
Tot Ion:146 Resp: 83392
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.6 61.9
 148 62.8 31.9 95.5



#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

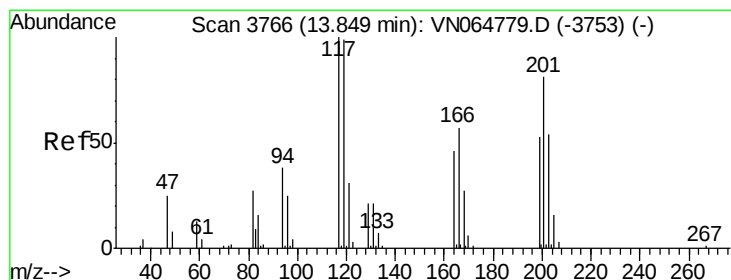
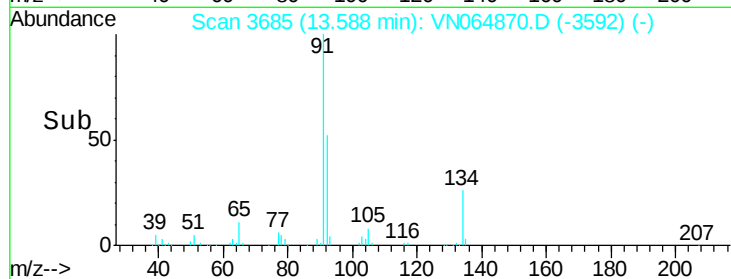
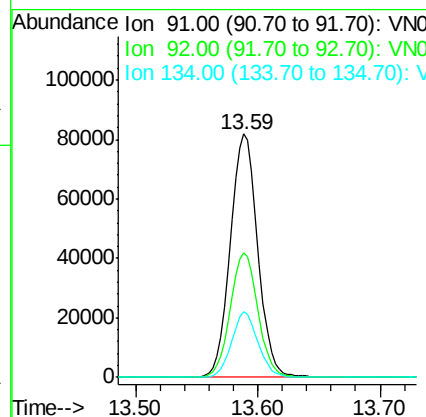
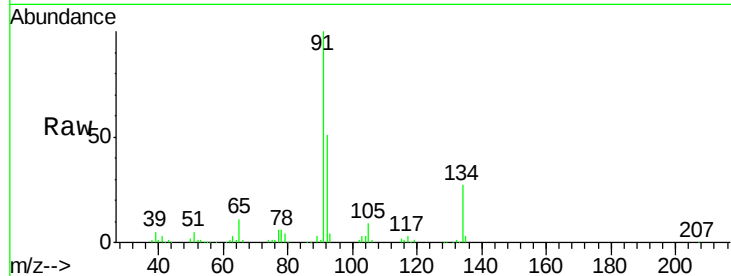




#89
n-Butylbenzene
Concen: 18.370 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064870.D
Acq: 30 Nov 2020 14:12

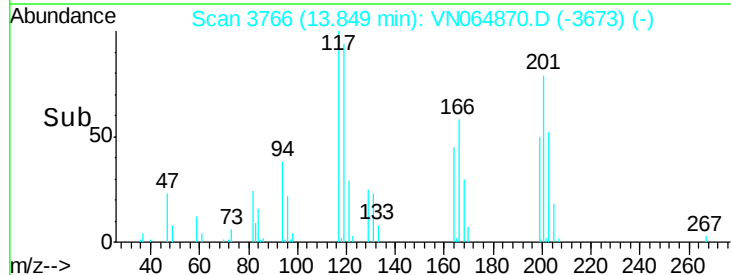
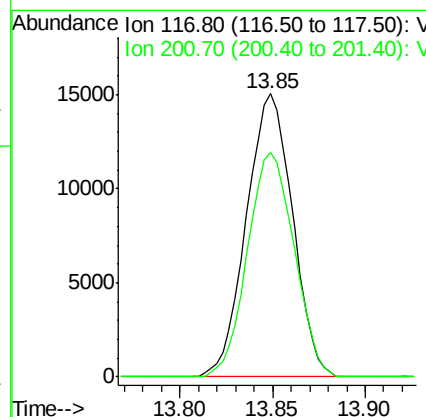
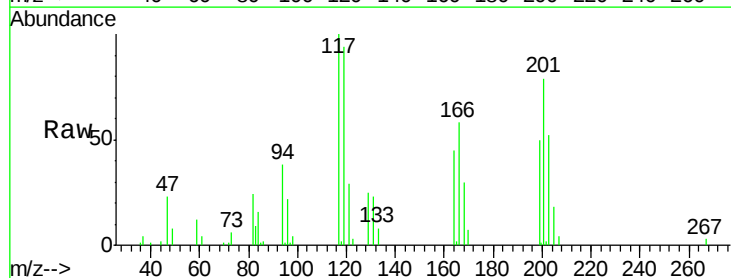
Instrument :
MSVOA_N
ClientSampled :

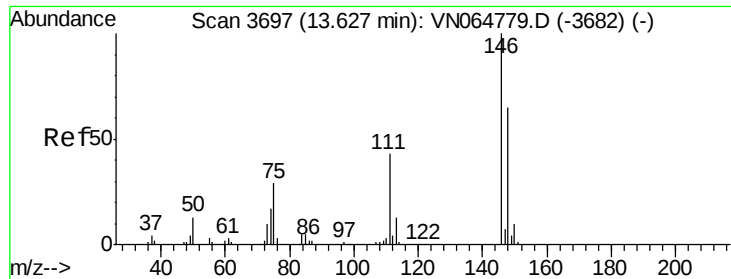
Tot Ion: 91 Resp: 129110
Ion Ratio Lower Upper
91 100
92 51.5 26.0 78.0
134 25.9 12.9 38.6



#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

ClientSampled :

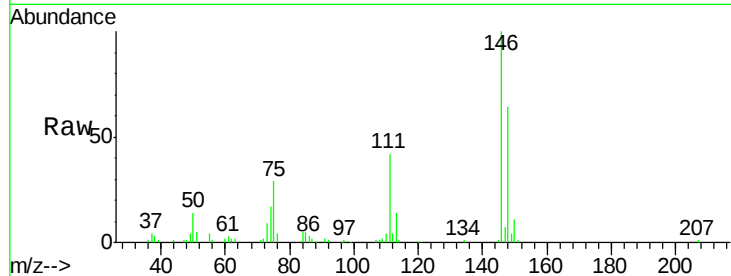
Tot Ion:146 Resp: 80621

Ion Ratio Lower Upper

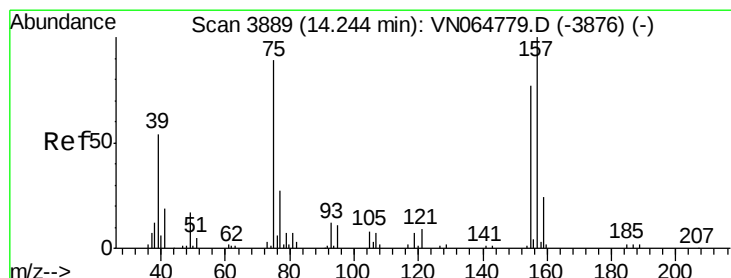
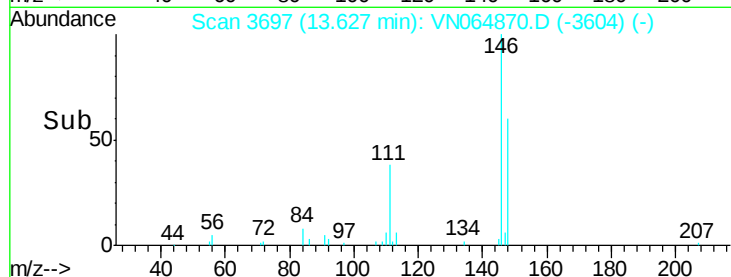
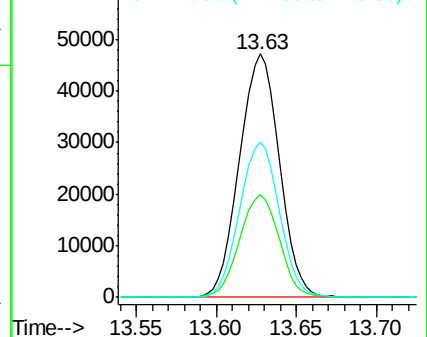
146 100

111 42.0 21.1 63.1

148 63.4 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#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

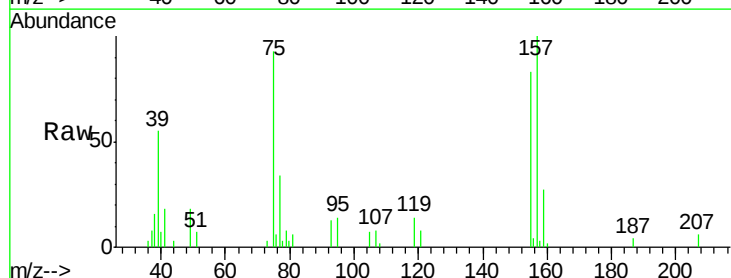
Tgt Ion: 75 Resp: 10548

Ion Ratio Lower Upper

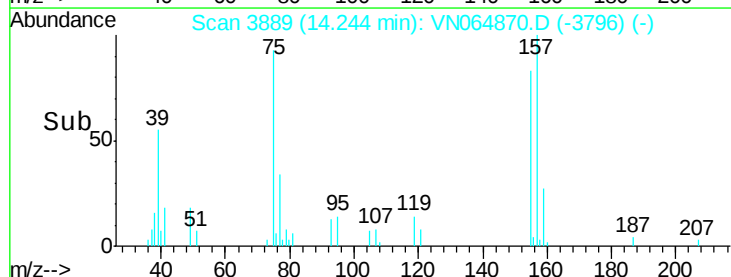
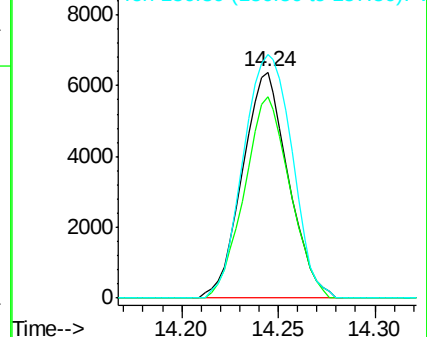
75 100

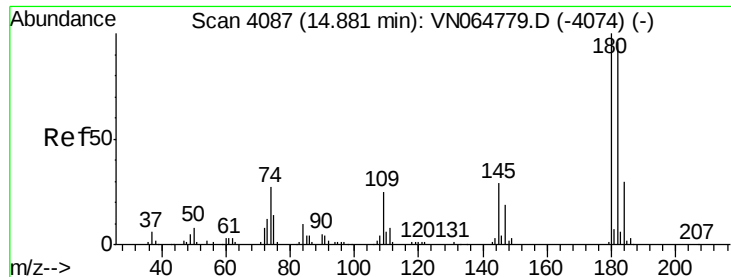
155 88.3 42.8 128.3

157 114.8 56.4 169.1



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

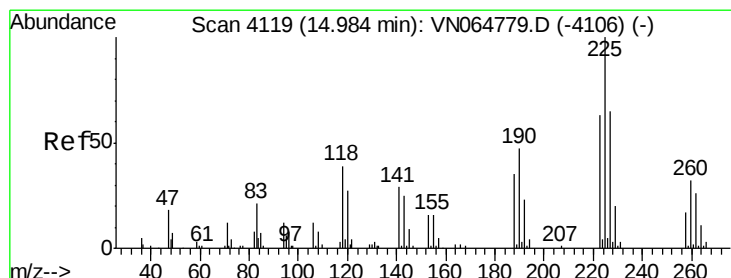
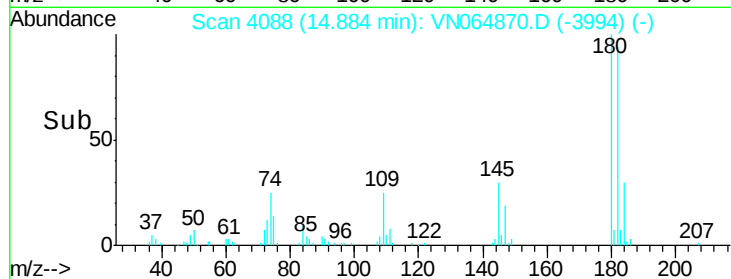
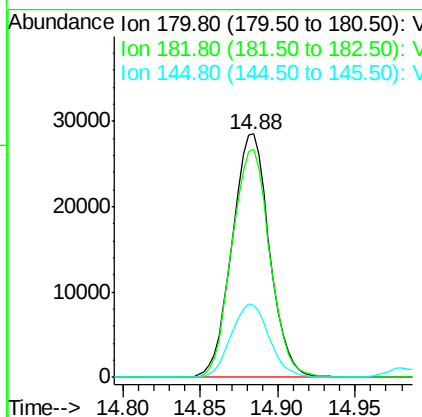
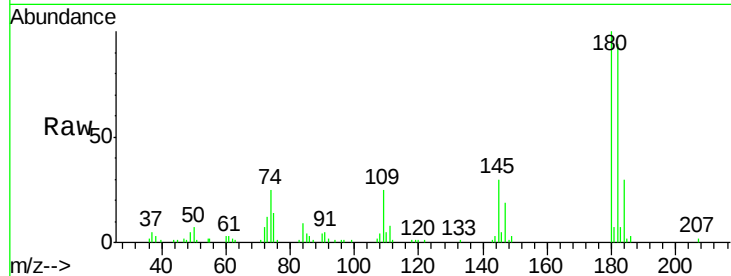




#93
 1,2,4-Trichlorobenzene
 Concen: 17.315 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064870.D
 Acq: 30 Nov 2020 14:12

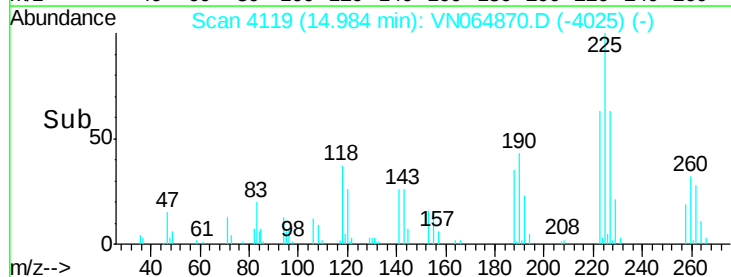
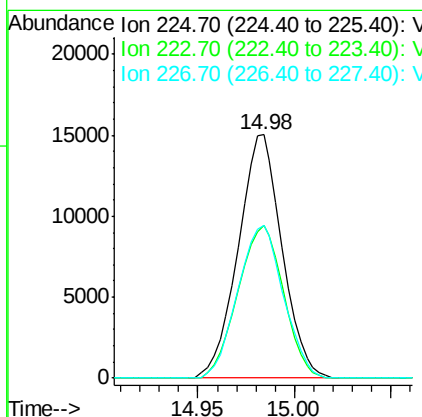
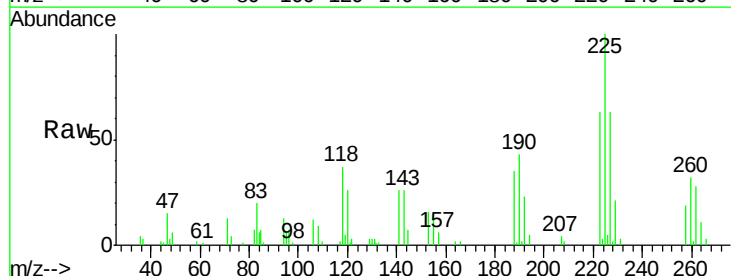
Instrument :
 MSVOA_N
 ClientSampled :

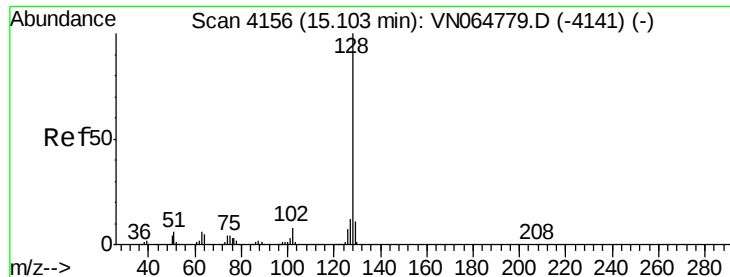
Tot Ion:180 Resp: 47873
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.6 142.9
 145 30.6 15.3 45.8



#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

ClientSampled :

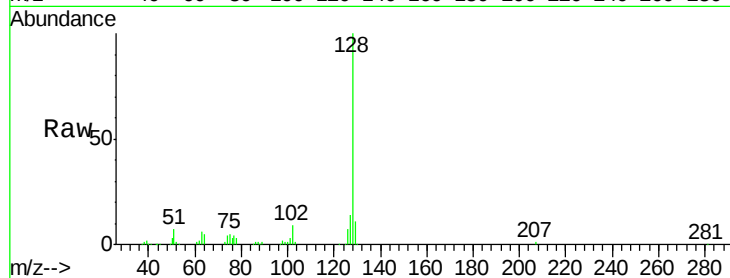
Tot Ion:128 Resp: 136257

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

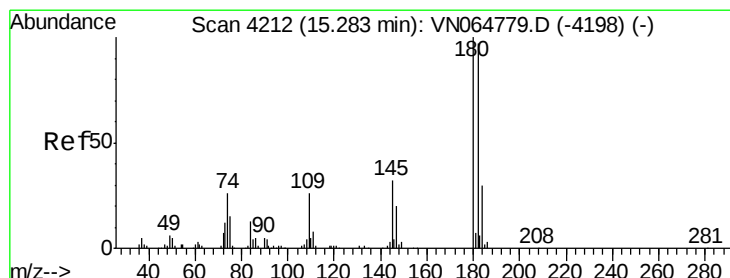
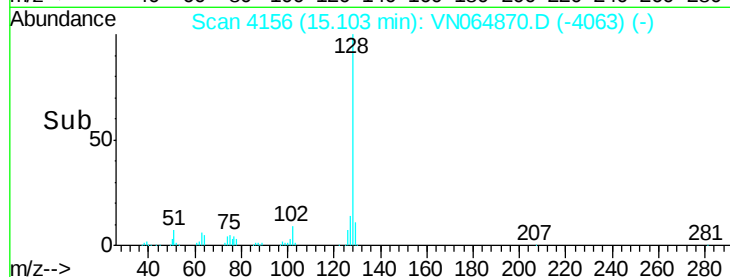
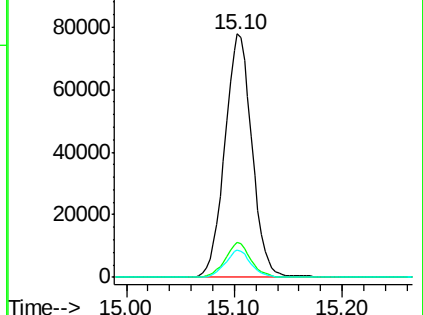
129 10.6 8.7 13.1



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

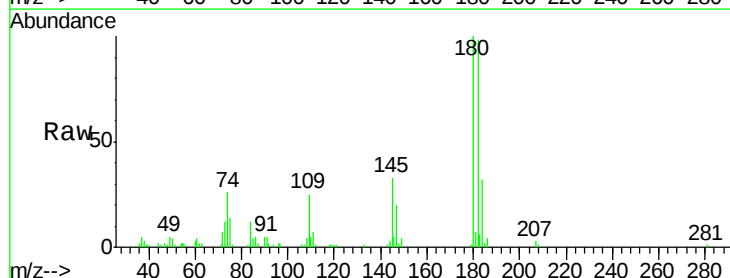
Tgt Ion:180 Resp: 45799

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

