

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
 Data File : VN064866.D
 Acq On : 30 Nov 2020 12:32
 Operator : JC/MD
 Sample : VN1130MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBSD01

Quant Time: Dec 01 01:19:33 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	202258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	313714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	284692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141705	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	111445	47.40	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.80%
35) Dibromofluoromethane	7.55	113	96453	51.38	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.76%
50) Toluene-d8	10.06	98	369512	48.18	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.36%
62) 4-Bromofluorobenzene	12.38	95	132514	48.28	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.56%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	27408	15.636	ug/l	98
3) Chloromethane	2.04	50	35879	15.751	ug/l	98
4) Vinyl Chloride	2.17	62	38139	16.059	ug/l	100
5) Bromomethane	2.53	94	24596	15.786	ug/l	99
6) Chloroethane	2.67	64	24475	16.662	ug/l	99
7) Trichlorofluoromethane	2.99	101	56698	17.271	ug/l	99
8) Diethyl Ether	3.37	74	22716	17.530	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34627	17.583	ug/l	98
10) Methyl Iodide	3.91	142	38303	14.995	ug/l	97
11) Tert butyl alcohol	4.75	59	29655	80.869	ug/l #	91
12) 1,1-Dichloroethene	3.69	96	33327	16.992	ug/l	97
13) Acrolein	3.57	56	16721	74.651	ug/l	100
14) Allyl chloride	4.27	41	55159	17.051	ug/l	98
15) Acrylonitrile	4.93	53	89489	88.338	ug/l	99
16) Acetone	3.78	43	67432	87.238	ug/l	95
17) Carbon Disulfide	4.00	76	84804	16.750	ug/l	99
18) Methyl Acetate	4.28	43	40422	17.393	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	112095	17.820	ug/l	99
20) Methylene Chloride	4.50	84	42107	17.384	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	35952	16.507	ug/l	98
22) Diisopropyl ether	5.91	45	120201	18.564	ug/l	98
23) Vinyl Acetate	5.85	43	467071	90.208	ug/l	99
24) 1,1-Dichloroethane	5.79	63	67850	17.534	ug/l	99
25) 2-Butanone	6.79	43	111279	88.809	ug/l	94
26) 2,2-Dichloropropane	6.78	77	55595	16.565	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	43622	17.799	ug/l	97
28) Bromochloromethane	7.15	49	33020	18.653	ug/l	100
29) Tetrahydrofuran	7.17	42	74607	86.256	ug/l	99
30) Chloroform	7.33	83	69647	17.453	ug/l	99
31) Cyclohexane	7.61	56	54367	16.589	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	58646	17.111	ug/l	100
36) 1,1-Dichloropropene	7.75	75	49735	17.104	ug/l	99
37) Ethyl Acetate	6.88	43	47906	17.103	ug/l	99
38) Carbon Tetrachloride	7.73	117	53794	17.780	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	53933	17.229	ug/l	100
40) Benzene	8.00	78	156909	17.609	ug/l	97
41) Methacrylonitrile	7.12	41	23577	18.242	ug/l	90
42) 1,2-Dichloroethane	8.08	62	53745	17.880	ug/l	100
43) Isopropyl Acetate	8.13	43	77361	17.164	ug/l	99
44) Trichloroethene	8.80	130	46800	17.801	ug/l	98
45) 1,2-Dichloropropane	9.08	63	42442	18.393	ug/l	98
46) Dibromomethane	9.17	93	27735	17.991	ug/l	99
47) Bromodichloromethane	9.37	83	55400	17.860	ug/l	96
48) Methyl methacrylate	9.16	41	37344	17.340	ug/l	96
49) 1,4-Dioxane	9.17	88	14172	348.163	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	241619	89.295	ug/l	100
52) Toluene	10.12	92	97008	17.678	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	61023	17.663	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	66552	17.972	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	40766	18.066	ug/l	98
56) Ethyl methacrylate	10.40	69	55073	17.686	ug/l	98
57) 1,3-Dichloropropane	10.68	76	68502	18.403	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	156857	91.576	ug/l	100
59) 2-Hexanone	10.72	43	171797	88.220	ug/l	99
60) Dibromochloromethane	10.87	129	44837	17.875	ug/l	99
61) 1,2-Dibromoethane	10.98	107	41049	17.905	ug/l	99
64) Tetrachloroethene	10.60	164	54517	19.683	ug/l	97
65) Chlorobenzene	11.41	112	109186	17.859	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	41618	18.523	ug/l	99
67) Ethyl Benzene	11.48	91	180532	17.676	ug/l	100
68) m/p-Xylenes	11.59	106	140396	36.308	ug/l	100
69) o-Xylene	11.92	106	67017	18.264	ug/l	100
70) Styrene	11.94	104	114746	18.524	ug/l	99
71) Bromoform	12.10	173	30805	17.166	ug/l #	100
73) Isopropylbenzene	12.22	105	177663	18.025	ug/l	99
74) N-amyl acetate	12.05	43	64891	16.729	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	48315	16.724	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	72698	23.822	ug/l #	100
77) Bromobenzene	12.50	156	47218	17.769	ug/l	98
78) n-propylbenzene	12.57	91	201346	17.932	ug/l	99
79) 2-Chlorotoluene	12.65	91	121442	17.497	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	152659	18.633	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	17936	16.108	ug/l	95
82) 4-Chlorotoluene	12.75	91	127826	17.570	ug/l	99
83) tert-Butylbenzene	12.97	119	126899	18.479	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	152169	18.370	ug/l	99
85) sec-Butylbenzene	13.14	105	166834	18.298	ug/l	100
86) p-Isopropyltoluene	13.26	119	157202	18.938	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	82352	17.443	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	84866	16.997	ug/l	99
89) n-Butylbenzene	13.59	91	130597	17.915	ug/l	98
90) Hexachloroethane	13.85	117	25384	17.603	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	83784	18.074	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10220	15.722	ug/l	94

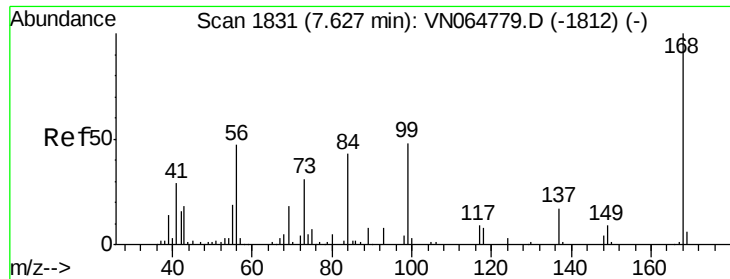
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47555	16.583	ug/l	99
94) Hexachlorobutadiene	14.98	225	24042	18.851	ug/l	99
95) Naphthalene	15.10	128	132915	15.471	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	46559	18.001	ug/l	96

(#) = 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: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

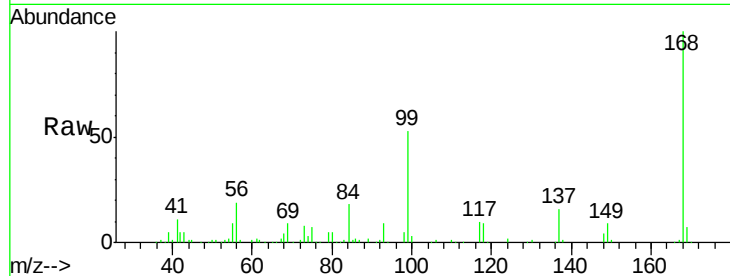
VN1130MBSD01

Tot Ion:168 Resp: 202258

Ion Ratio Lower Upper

168 100

99 52.7 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

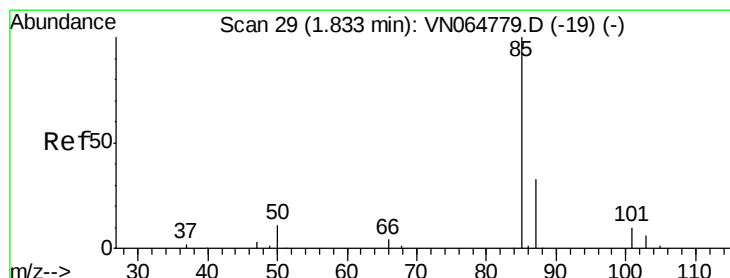
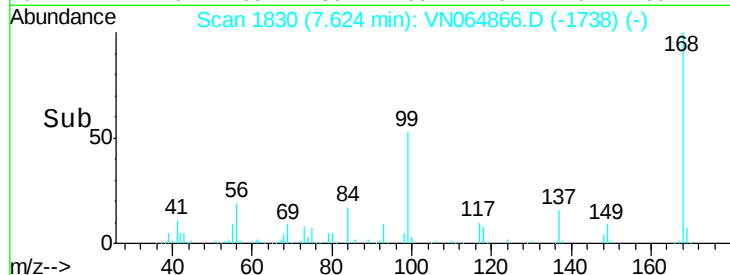
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 15.636 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064866.D

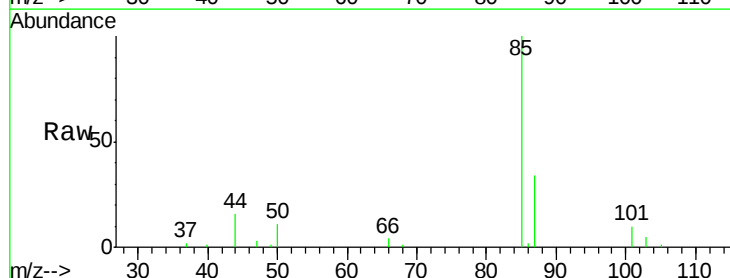
Acq: 30 Nov 2020 12:32

Tgt Ion: 85 Resp: 27408

Ion Ratio Lower Upper

85 100

87 34.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

20000

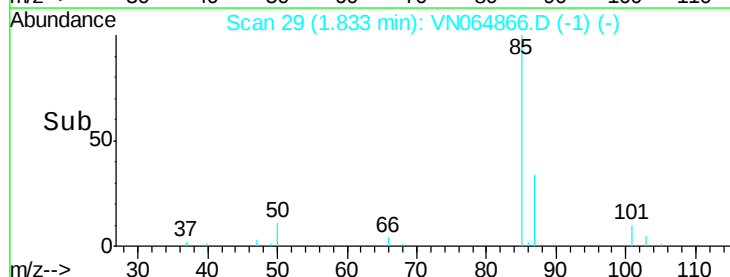
15000

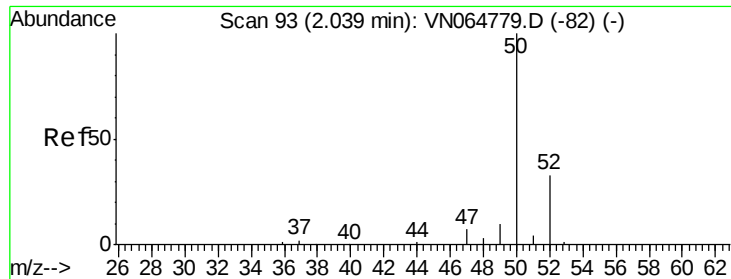
10000

5000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 15.751 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

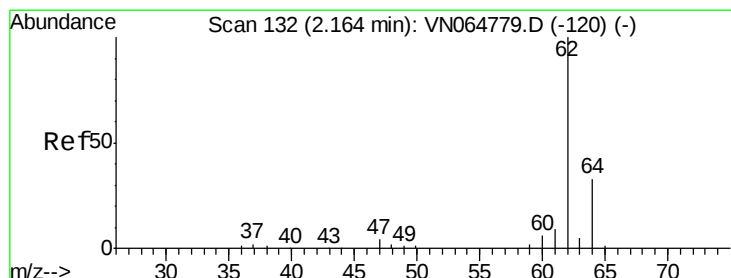
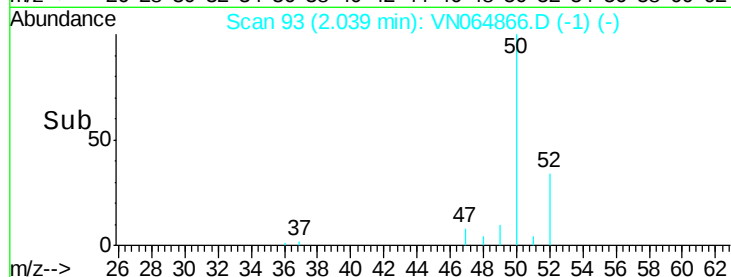
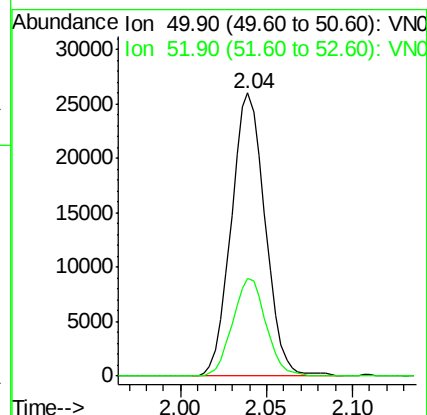
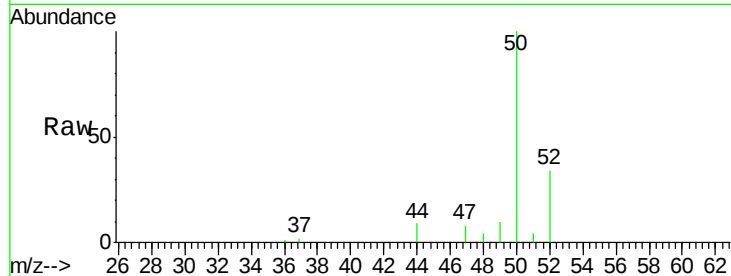
VN1130MBSD01

Tot Ion: 50 Resp: 35879

Ion Ratio Lower Upper

50 100

52 34.4 26.6 39.8



#4

Vinyl Chloride

Concen: 16.059 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064866.D

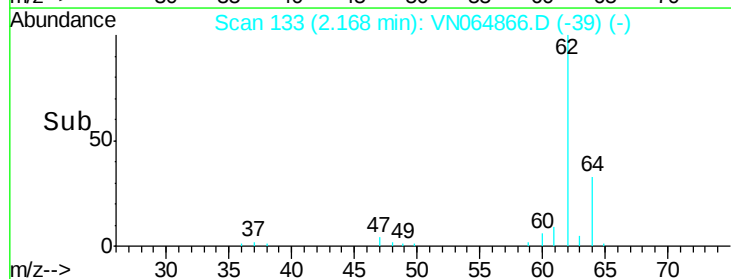
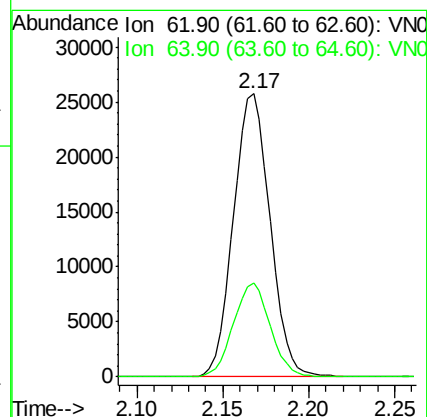
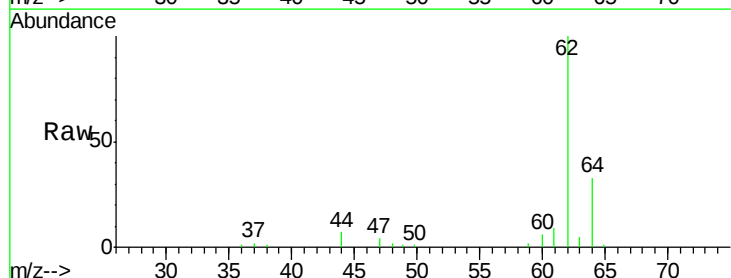
Acq: 30 Nov 2020 12:32

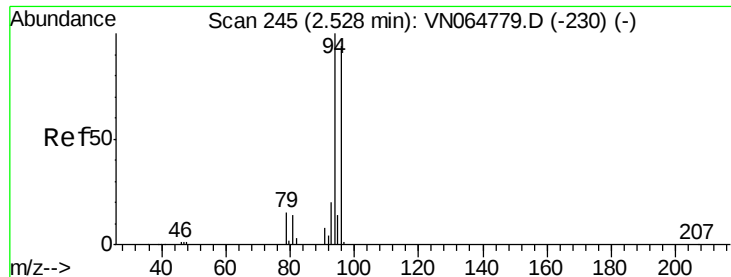
Tgt Ion: 62 Resp: 38139

Ion Ratio Lower Upper

62 100

64 33.1 26.5 39.7





#5

Bromomethane

Concen: 15.786 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

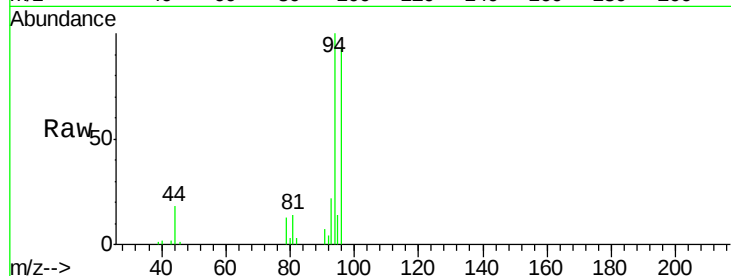
VN1130MBSD01

Tot Ion: 94 Resp: 24596

Ion Ratio Lower Upper

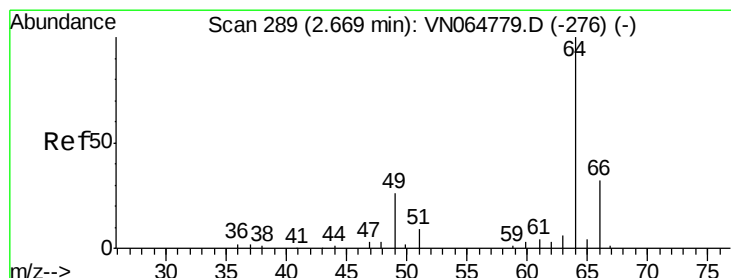
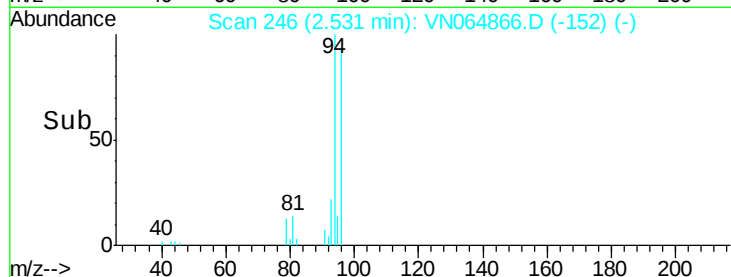
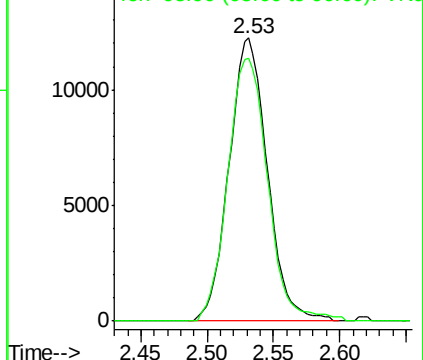
94 100

96 92.8 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.662 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064866.D

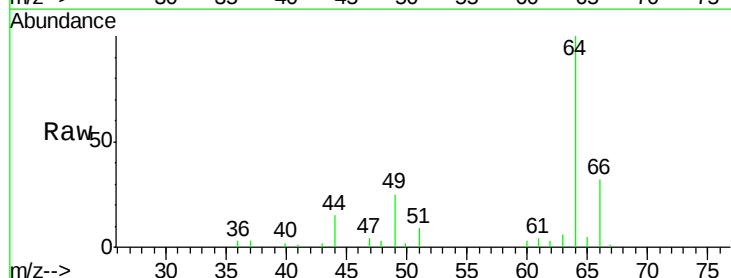
Acq: 30 Nov 2020 12:32

Tgt Ion: 64 Resp: 24475

Ion Ratio Lower Upper

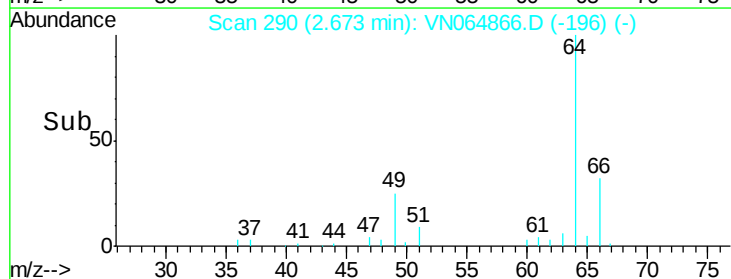
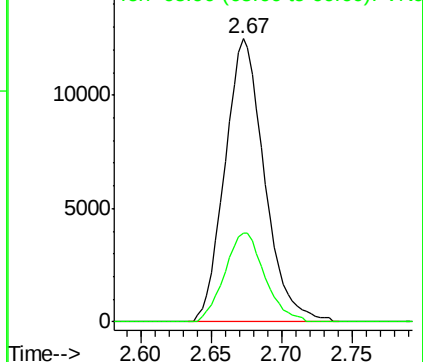
64 100

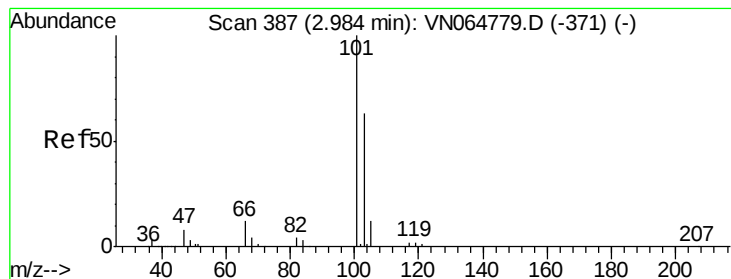
66 31.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



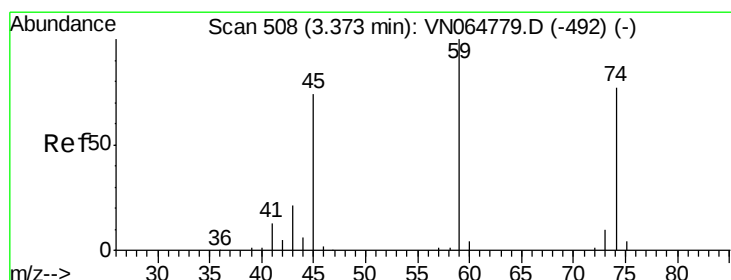
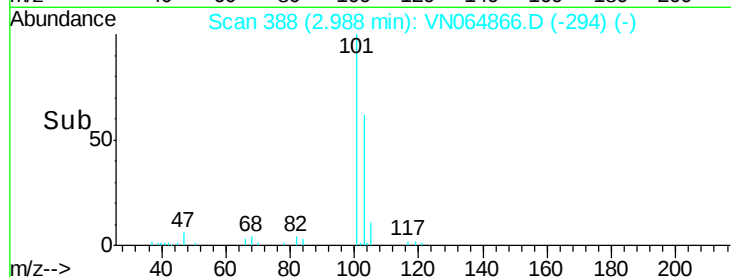
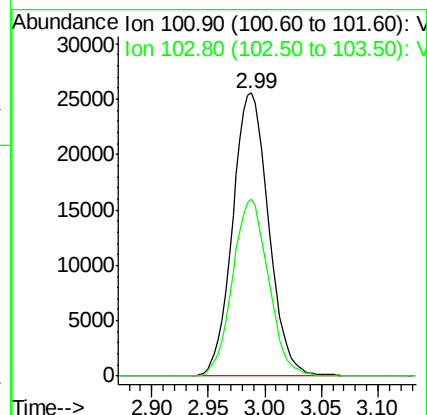
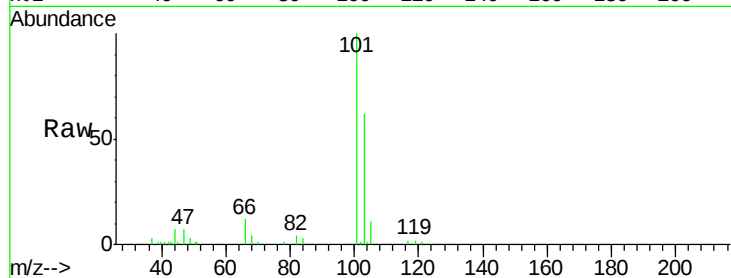


#7

Trichlorofluoromethane
Concen: 17.271 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1130MBSD01

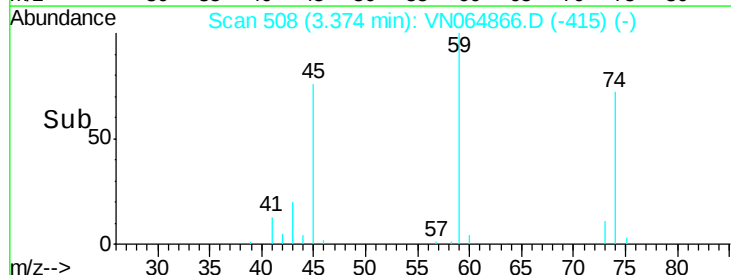
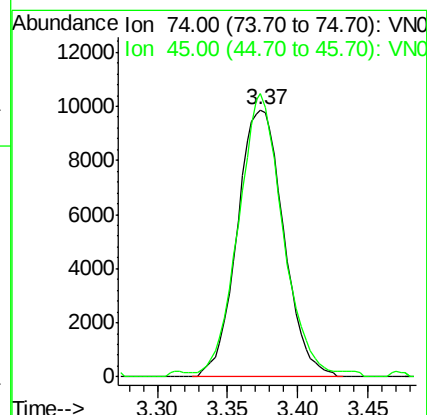
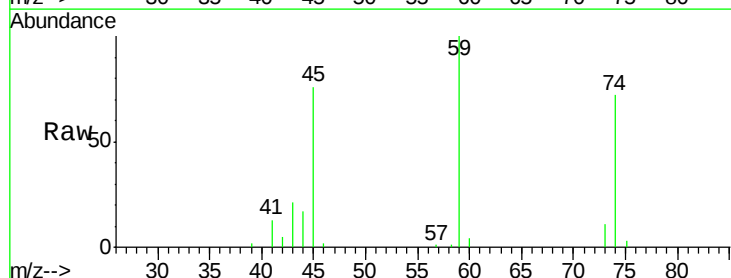
Tot Ion:101 Resp: 56698
Ion Ratio Lower Upper
101 100
103 62.4 50.5 75.7

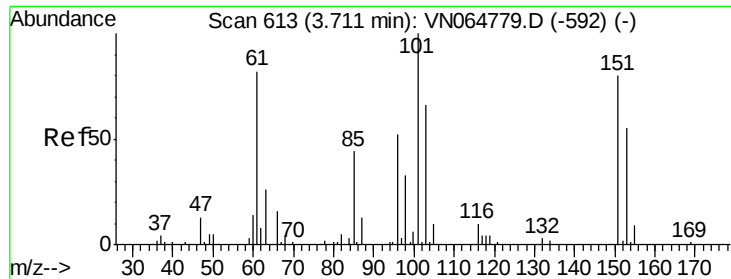


#8

Diethyl Ether
Concen: 17.530 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Tgt Ion: 74 Resp: 22716
Ion Ratio Lower Upper
74 100
45 102.6 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.583 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBSD01

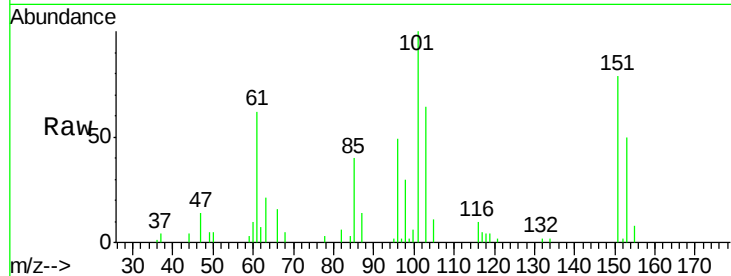
Tot Ion:101 Resp: 34627

Ion Ratio Lower Upper

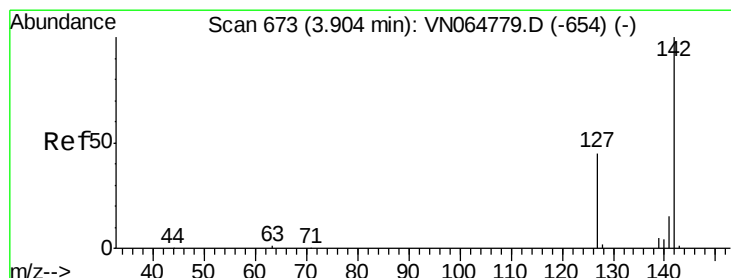
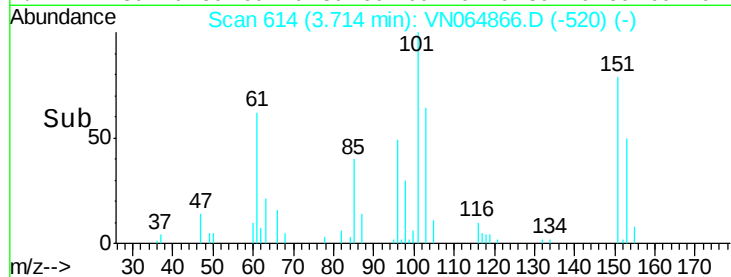
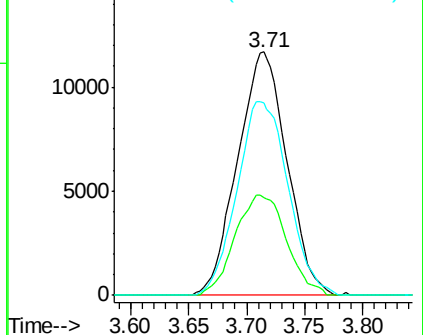
101 100

85 42.7 34.4 51.6

151 82.4 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: 14.995 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

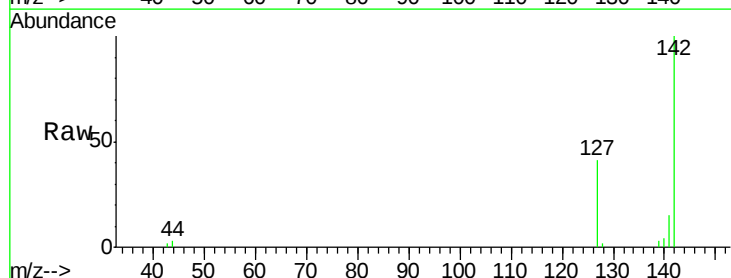
Tgt Ion:142 Resp: 38303

Ion Ratio Lower Upper

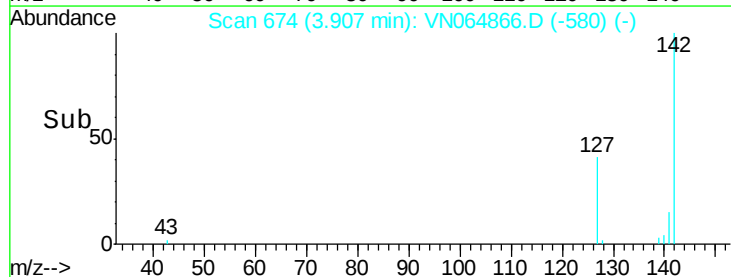
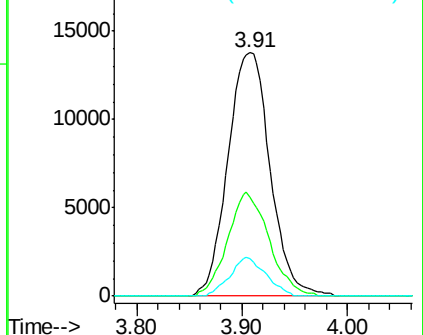
142 100

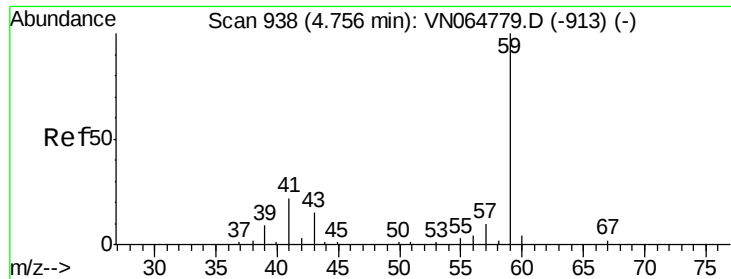
127 41.7 35.0 52.6

141 13.6 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

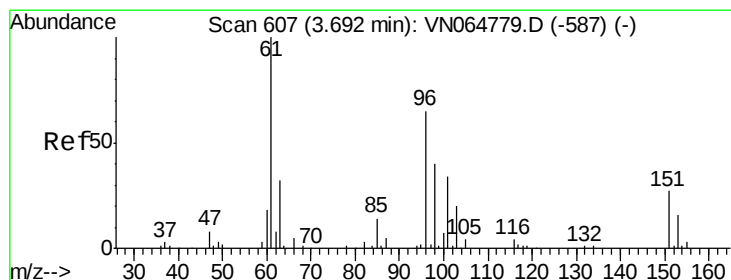
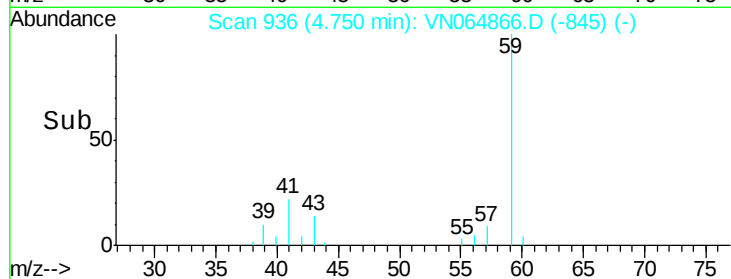
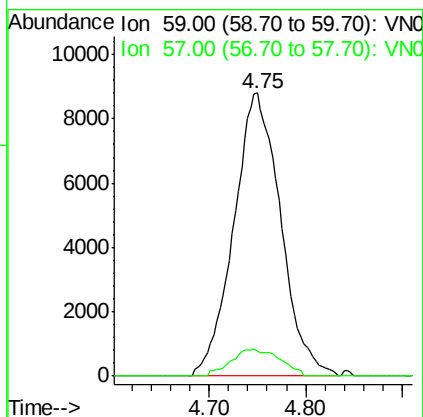
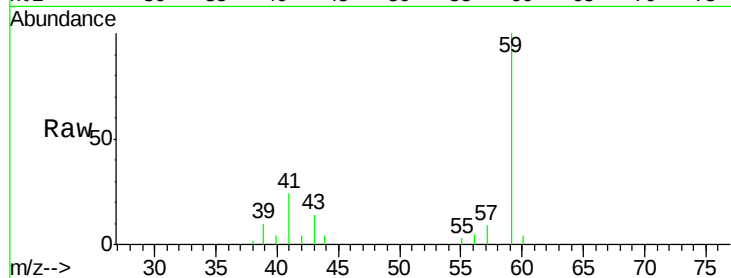




#11
Tert butyl alcohol
Concen: 80.869 ug/l
RT: 4.75 min Scan# 936
Delta R.T. -0.01 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

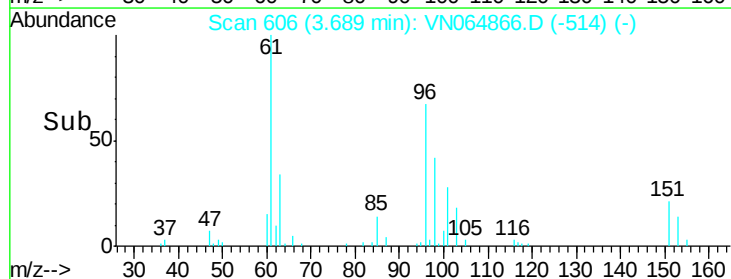
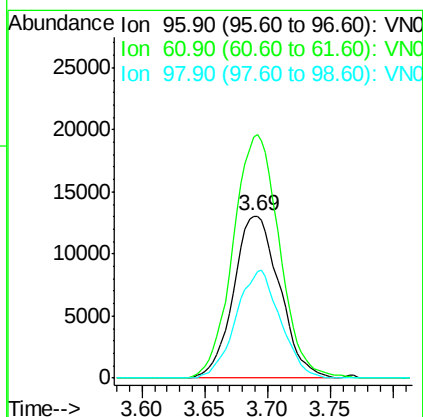
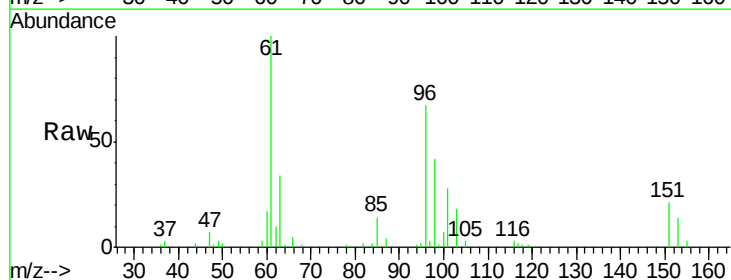
Instrument :
MSVOA_N
ClientSampleId :
VN1130MBSD01

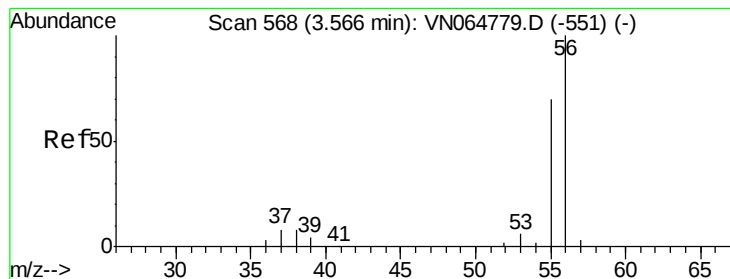
Tot Ion: 59 Resp: 29655
Ion Ratio Lower Upper
59 100
57 6.4 7.9 11.9#



#12
1,1-Dichloroethene
Concen: 16.992 ug/l
RT: 3.69 min Scan# 606
Delta R.T. -0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Tgt Ion: 96 Resp: 33327
Ion Ratio Lower Upper
96 100
61 149.0 123.4 185.2
98 61.9 49.8 74.8





#13

Acrolein

Concen: 74.651 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

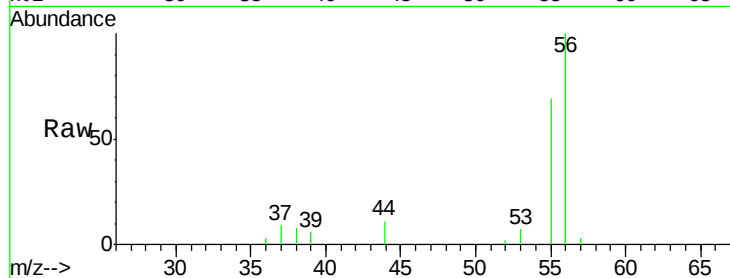
VN1130MBSD01

Tot Ion: 56 Resp: 16721

Ion Ratio Lower Upper

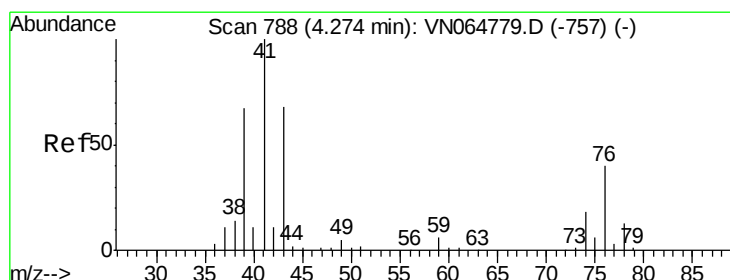
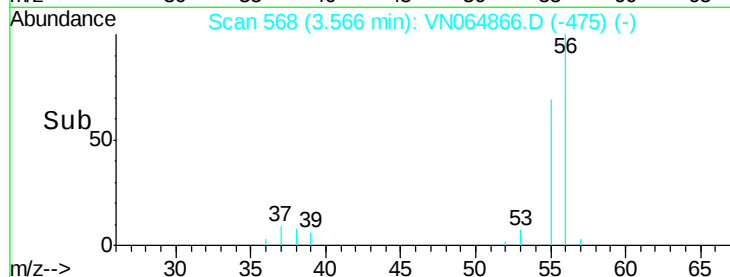
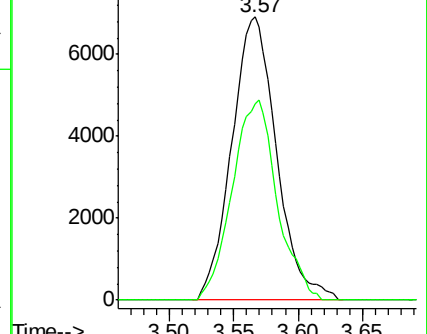
56 100

55 70.7 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.051 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

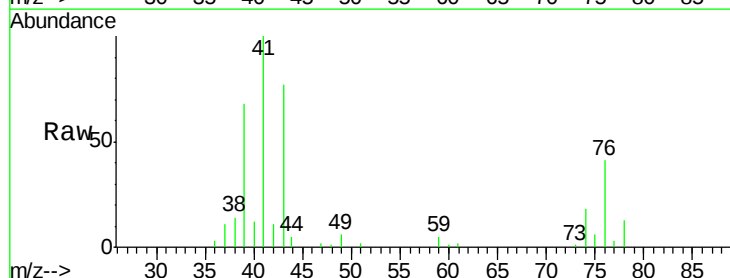
Tgt Ion: 41 Resp: 55159

Ion Ratio Lower Upper

41 100

39 61.7 50.9 76.3

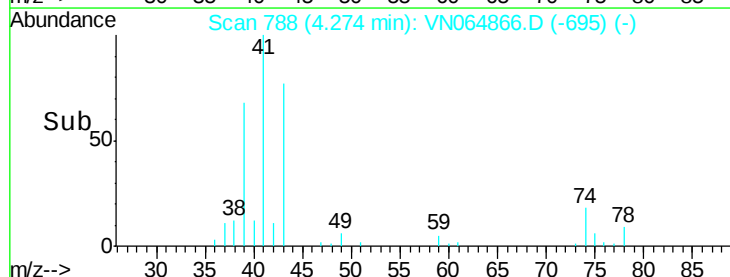
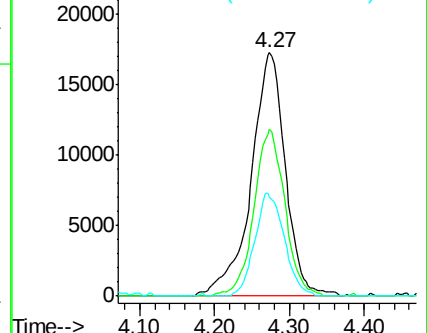
76 36.4 29.0 43.4

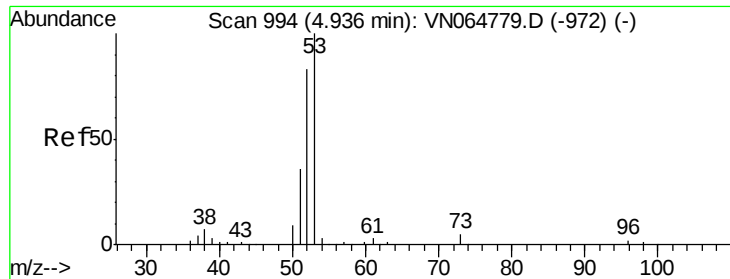


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 88.338 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampled :

VN1130MBSD01

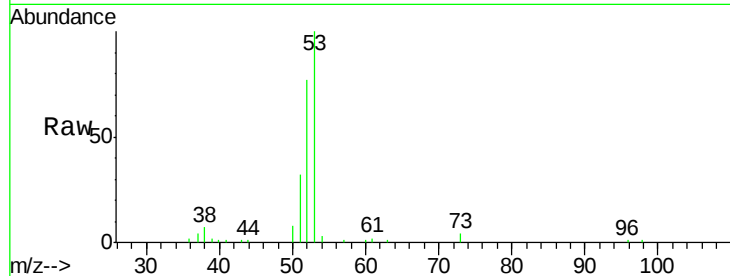
Tot Ion: 53 Resp: 89489

Ion Ratio Lower Upper

53 100

52 81.8 65.5 98.3

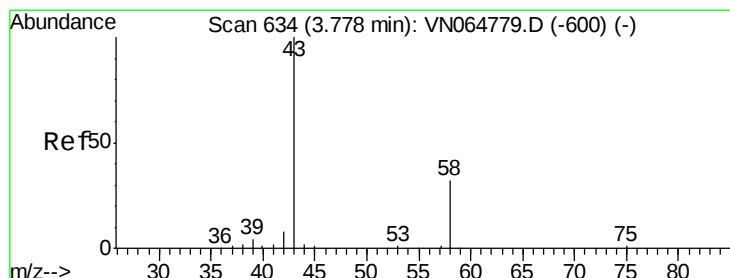
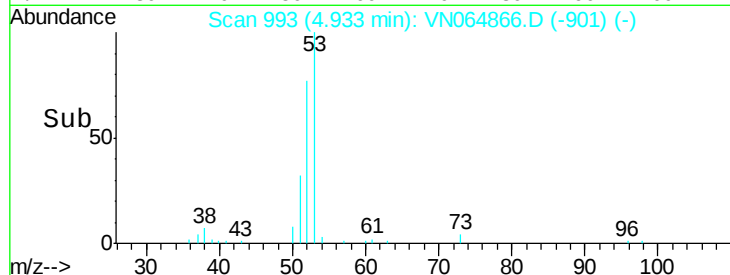
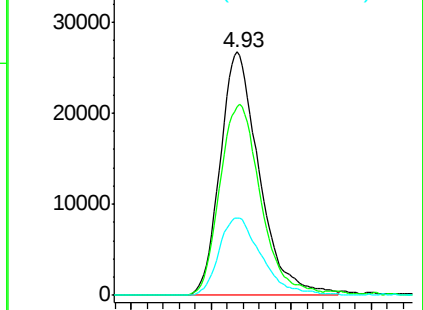
51 34.6 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064866.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN064866.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN064866.D (-901) (-)



#16

Acetone

Concen: 87.238 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064866.D

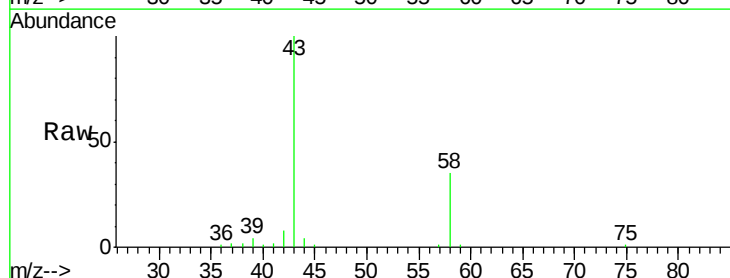
Acq: 30 Nov 2020 12:32

Tgt Ion: 43 Resp: 67432

Ion Ratio Lower Upper

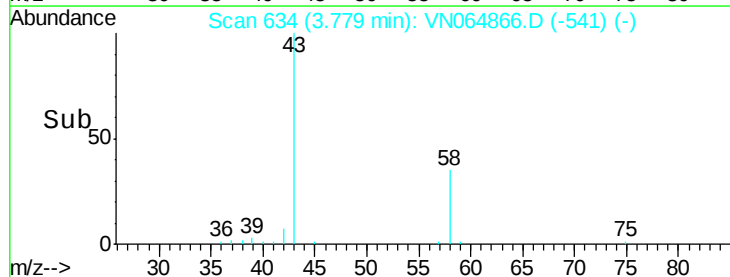
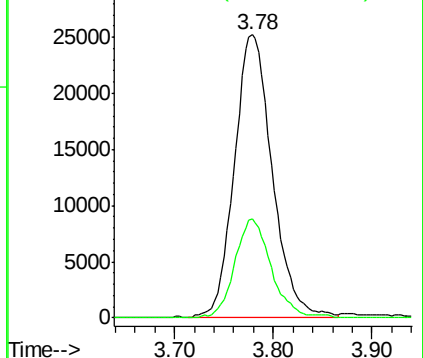
43 100

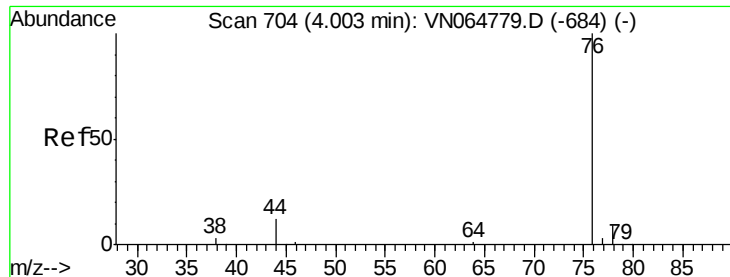
58 35.0 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064866.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064866.D (-541) (-)

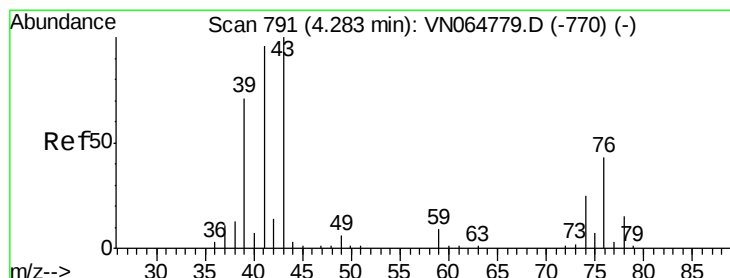
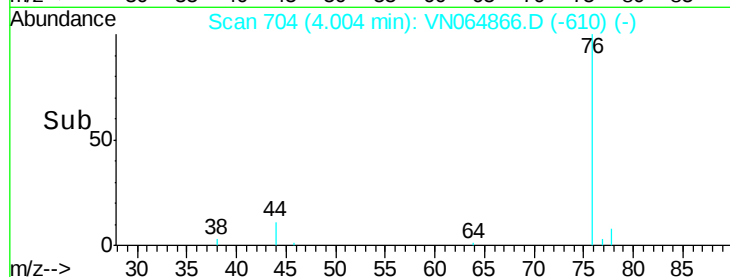
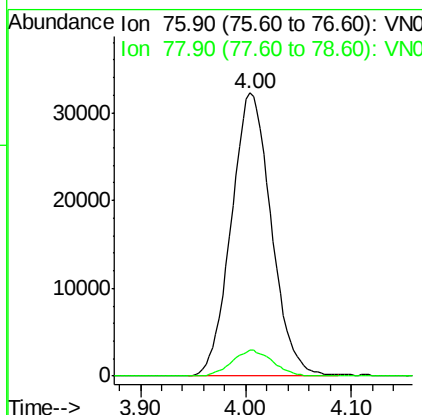
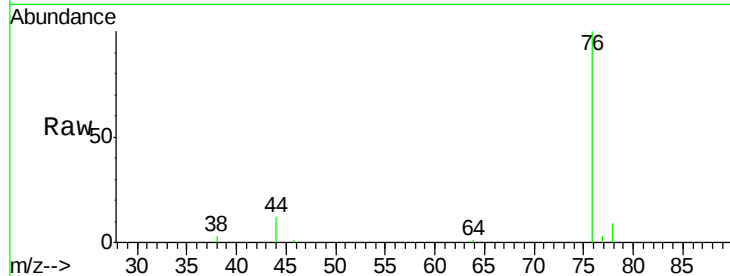




#17
Carbon Disulfide
Concen: 16.750 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

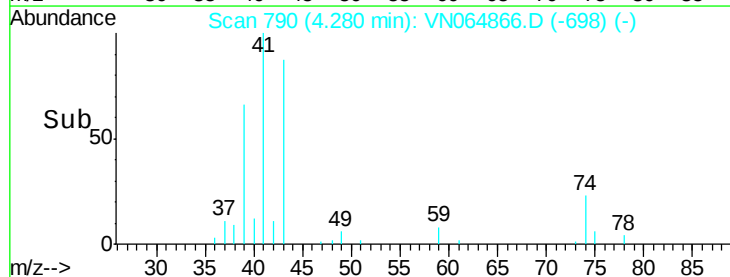
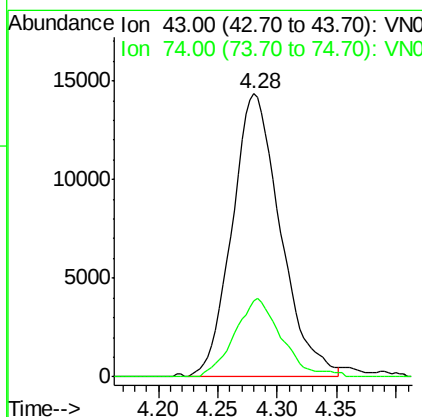
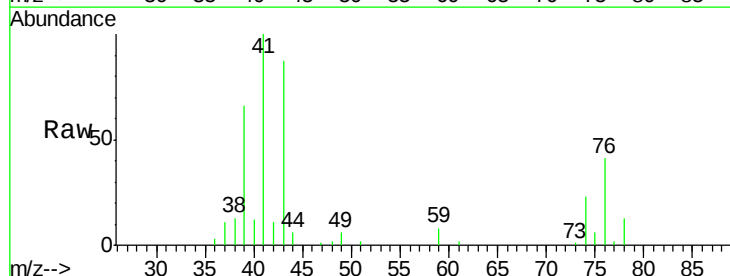
Instrument :
MSVOA_N
ClientSampleId :
VN1130MBSD01

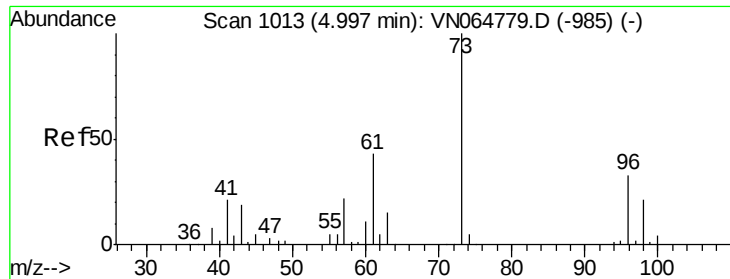
Tot Ion: 76 Resp: 84804
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 17.393 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Tgt Ion: 43 Resp: 40422
Ion Ratio Lower Upper
43 100
74 26.8 20.2 30.2

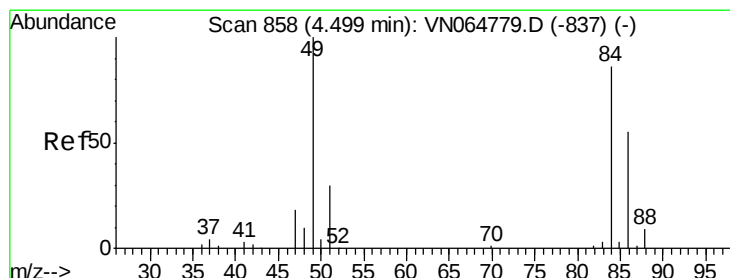
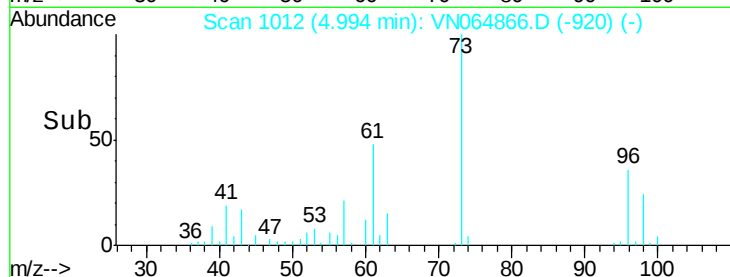
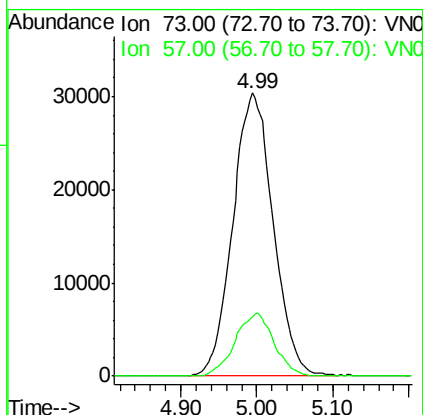
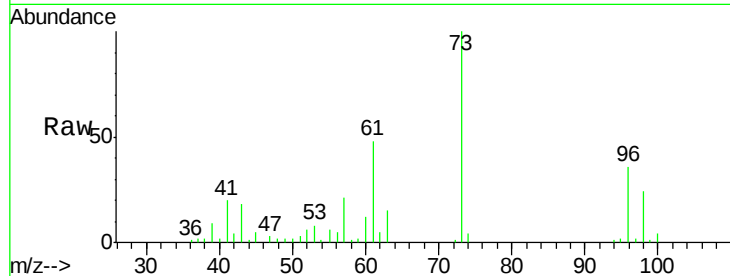




#19
Methyl tert-butyl Ether
Concen: 17.820 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

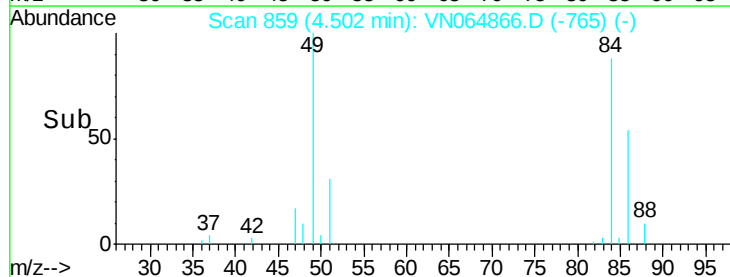
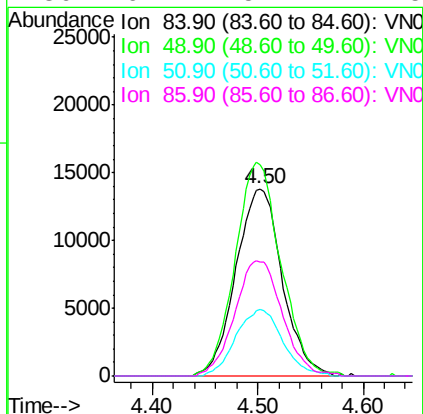
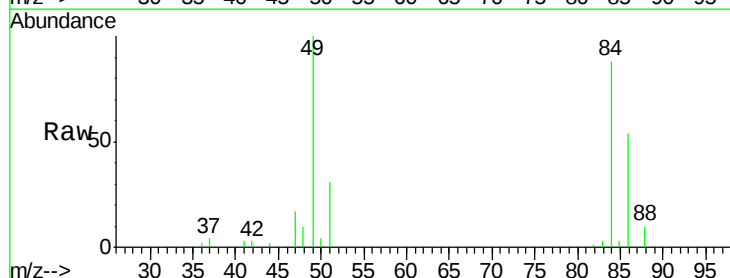
Instrument :
MSVOA_N
ClientSampleId :
VN1130MBSD01

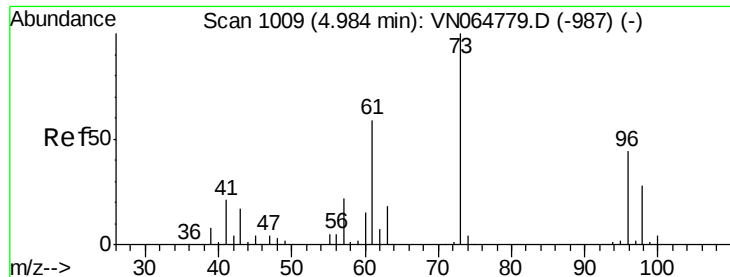
Tot Ion: 73 Resp: 112095
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0



#20
Methylene Chloride
Concen: 17.384 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Tgt Ion: 84 Resp: 42107
Ion Ratio Lower Upper
84 100
49 113.1 93.4 140.0
51 35.5 28.2 42.4
86 61.1 51.7 77.5

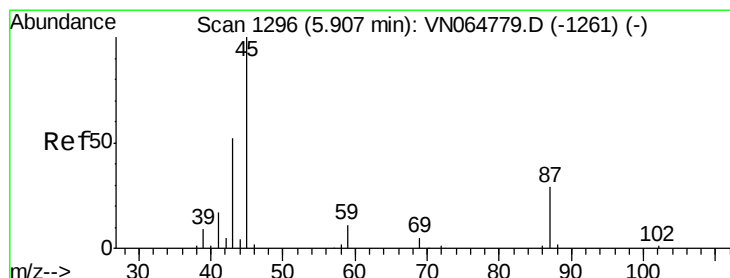
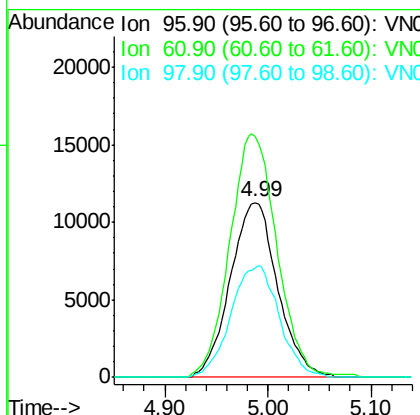
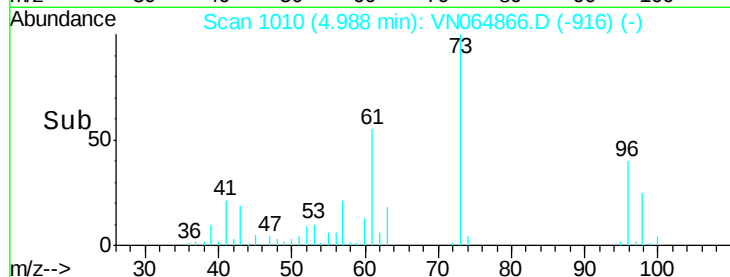
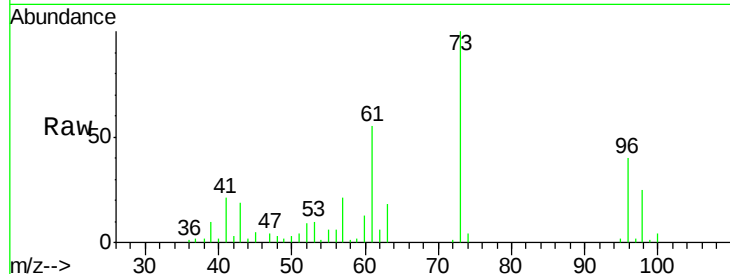




#21
trans-1,2-Dichloroethene
Concen: 16.507 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

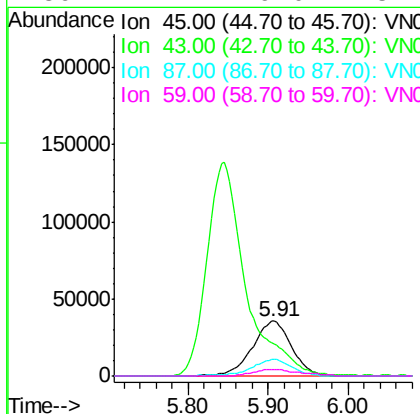
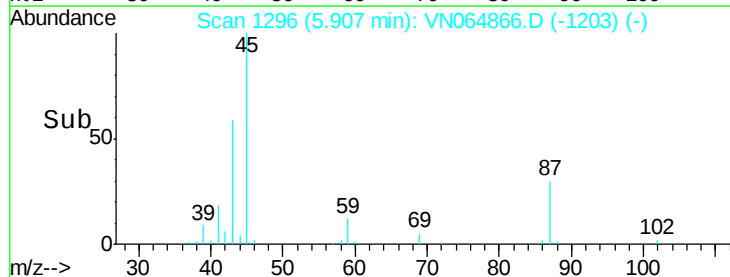
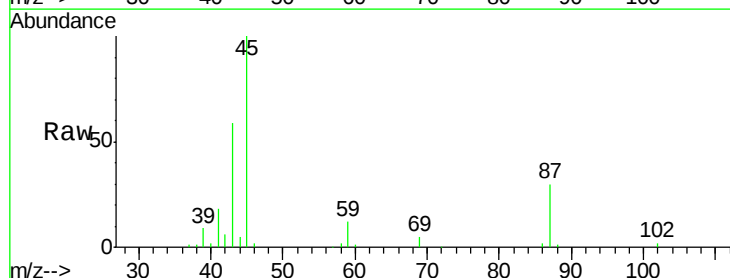
Instrument :
MSVOA_N
ClientSampleId :
VN1130MBSD01

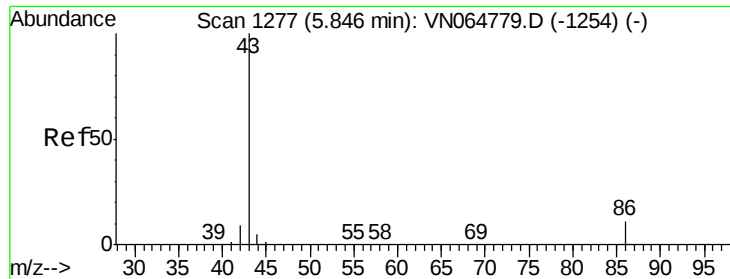
Tot Ion: 96 Resp: 35952
Ion Ratio Lower Upper
96 100
61 137.9 108.4 162.6
98 62.7 51.3 76.9



#22
Diisopropyl ether
Concen: 18.564 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Tgt Ion: 45 Resp: 120201
Ion Ratio Lower Upper
45 100
43 56.5 46.2 69.2
87 29.6 24.1 36.1
59 12.2 9.0 13.4





#23

Vinyl Acetate

Concen: 90.208 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

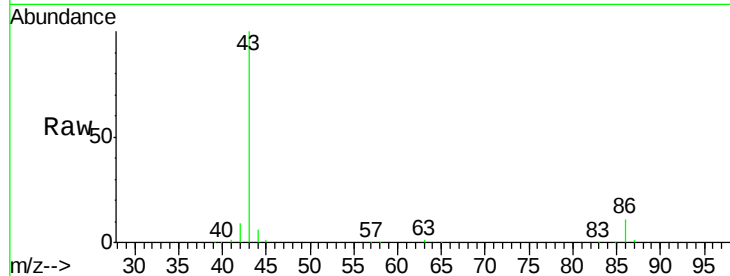
VN1130MBSD01

Tot Ion: 43 Resp: 467071

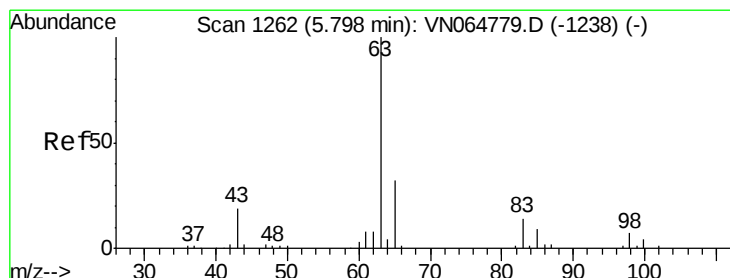
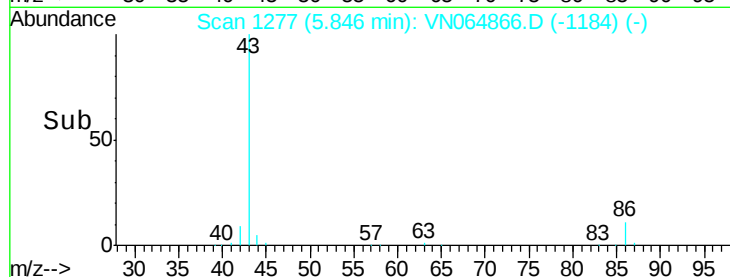
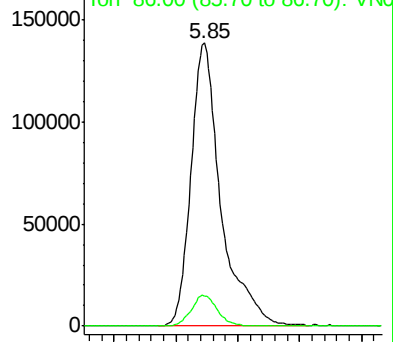
Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064866.D (-1184) (-)



#24

1,1-Dichloroethane

Concen: 17.534 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

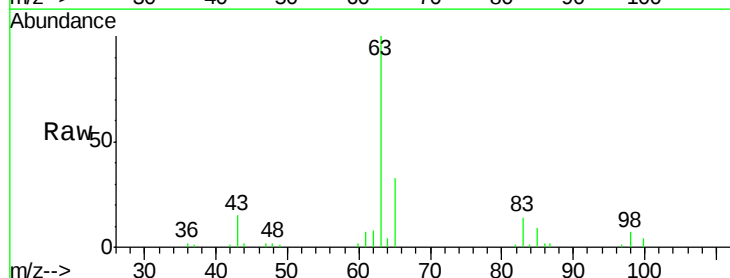
Tgt Ion: 63 Resp: 67850

Ion Ratio Lower Upper

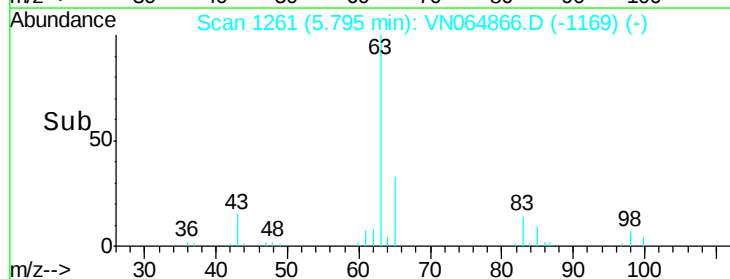
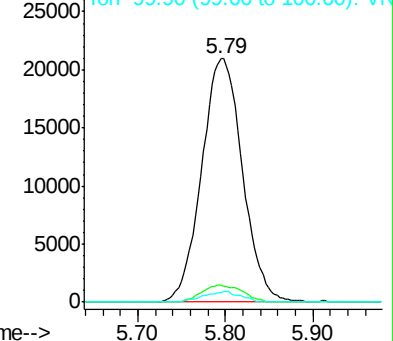
63 100

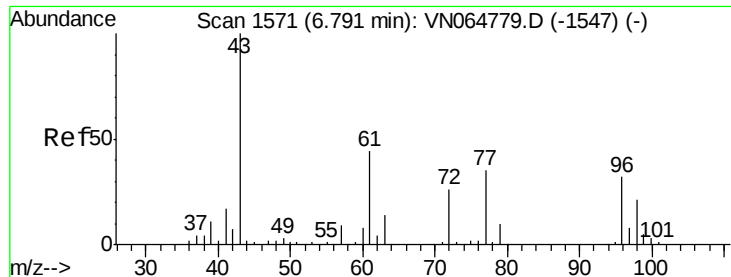
98 7.0 3.5 10.5

100 4.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064866.D (-1169) (-)





#25

2-Butanone

Concen: 88.809 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

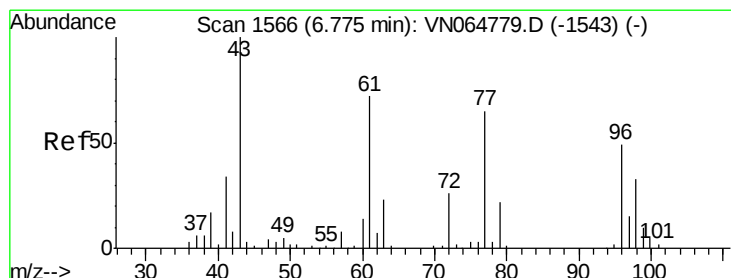
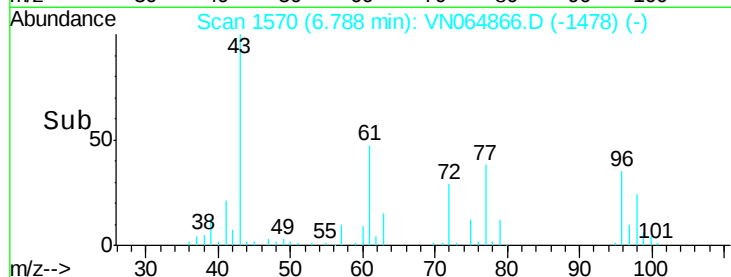
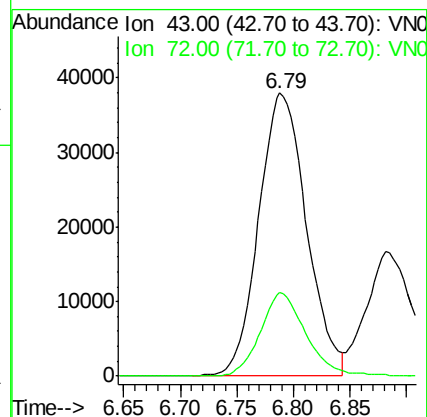
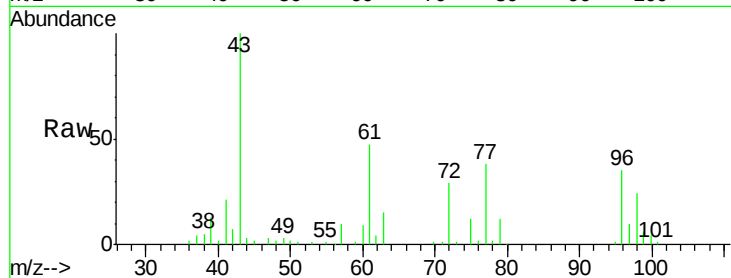
VN1130MBSD01

Tot Ion: 43 Resp: 111279

Ion Ratio Lower Upper

43 100

72 29.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 16.565 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064866.D

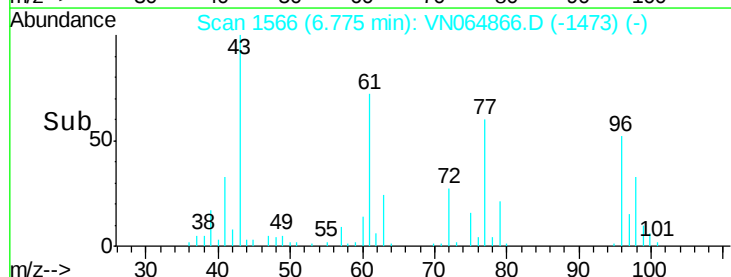
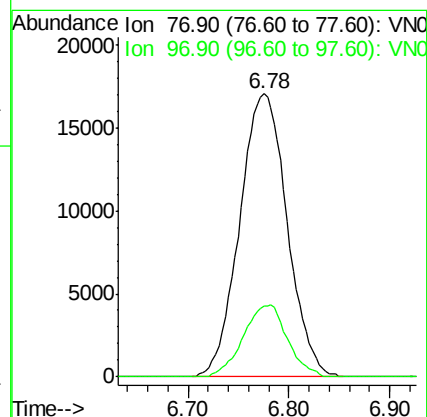
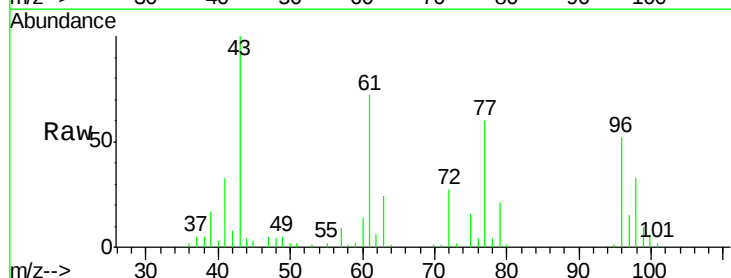
Acq: 30 Nov 2020 12:32

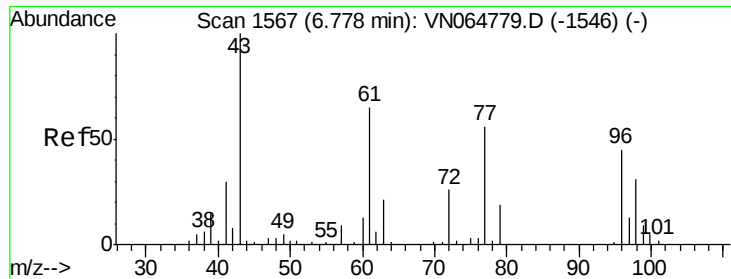
Tgt Ion: 77 Resp: 55595

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.799 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBSD01

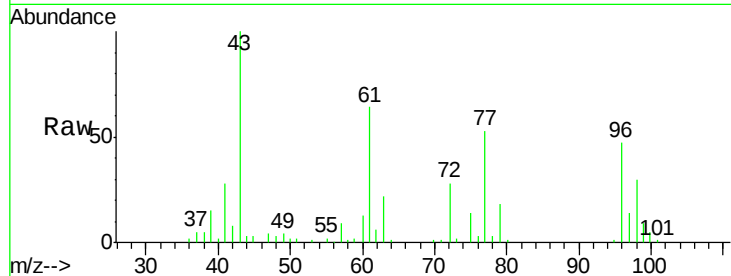
Tot Ion: 96 Resp: 43622

Ion Ratio Lower Upper

96 100

61 138.3 0.0 285.8

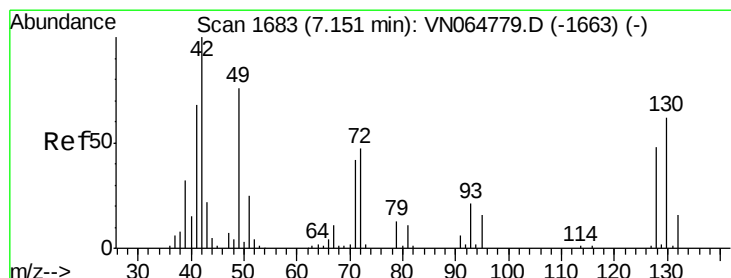
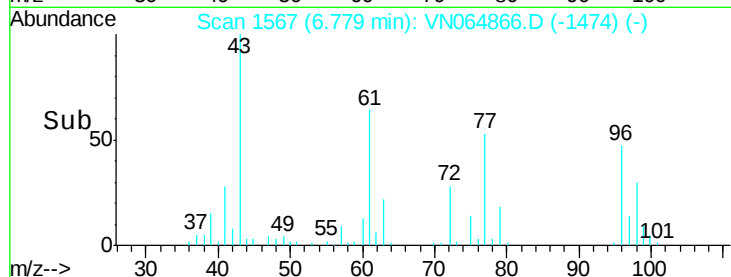
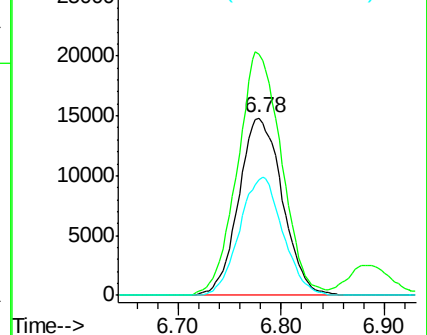
98 65.8 0.0 130.6



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: 18.653 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

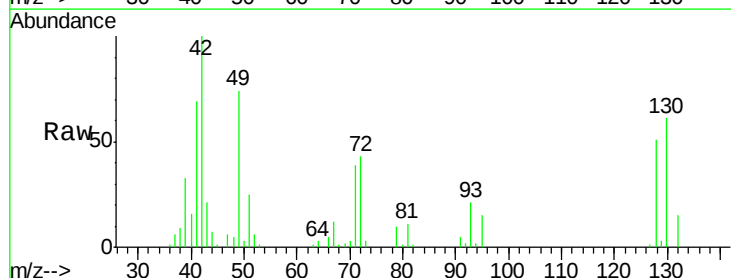
Tgt Ion: 49 Resp: 33020

Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

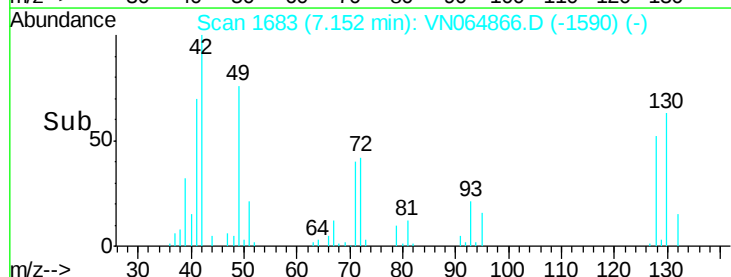
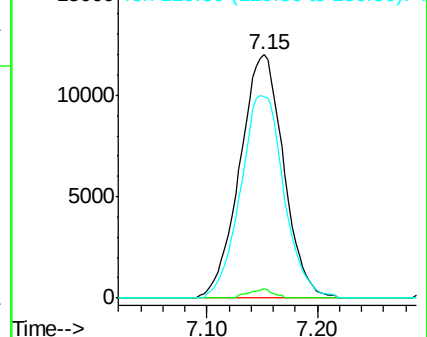
130 82.6 66.2 99.2

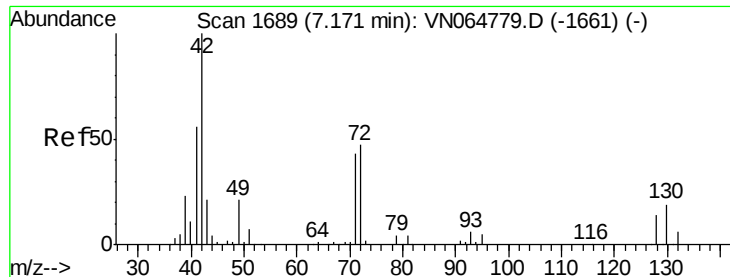


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

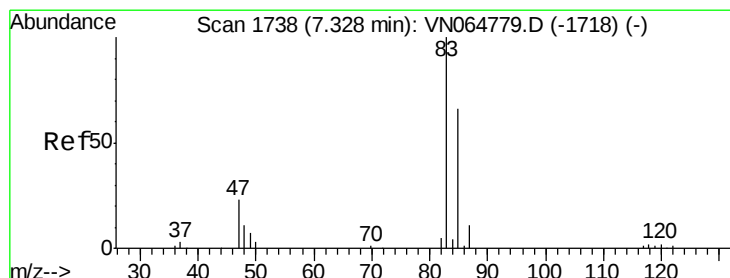
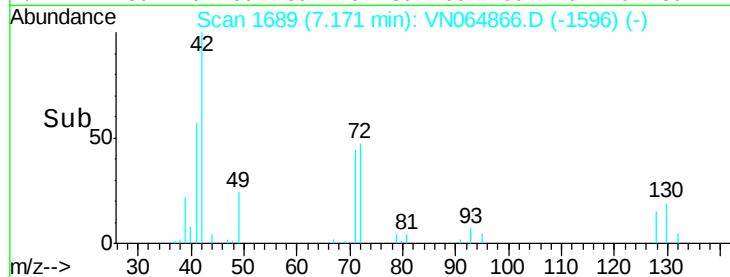
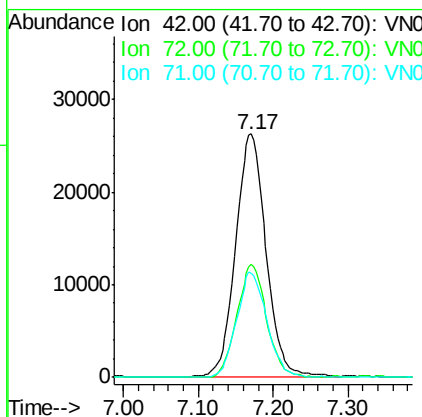
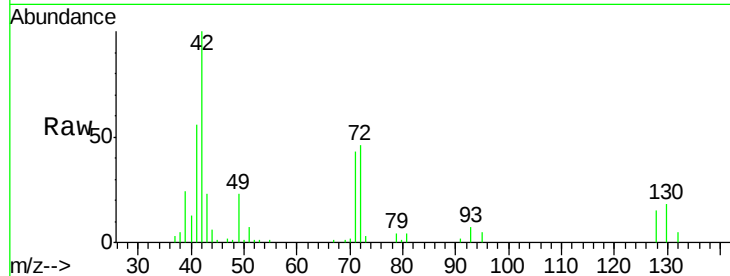




#29
Tetrahydrofuran
Concen: 86.256 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

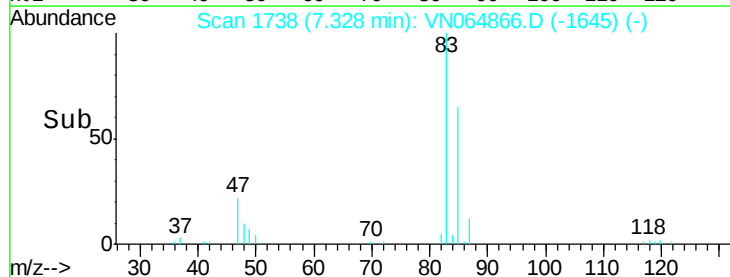
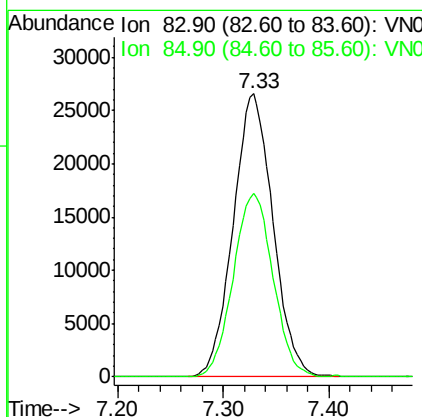
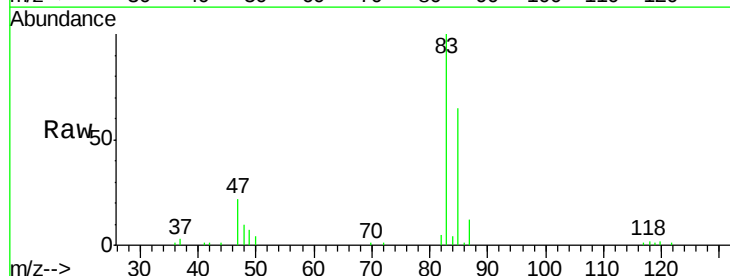
Instrument :
MSVOA_N
ClientSampled :
VN1130MBSD01

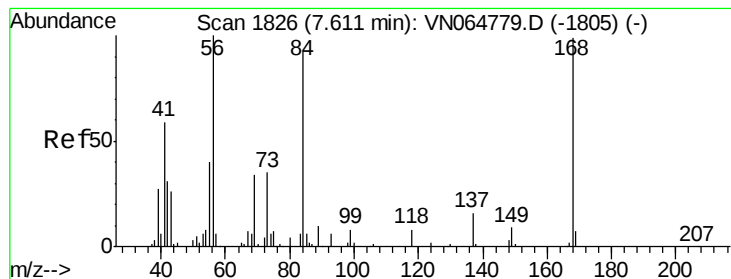
Tot Ion: 42 Resp: 74607
Ion Ratio Lower Upper
42 100
72 44.8 36.6 54.8
71 42.6 33.6 50.4



#30
Chloroform
Concen: 17.453 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Tgt Ion: 83 Resp: 69647
Ion Ratio Lower Upper
83 100
85 64.7 52.6 78.8





#31

Cyclohexane

Concen: 16.589 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBSD01

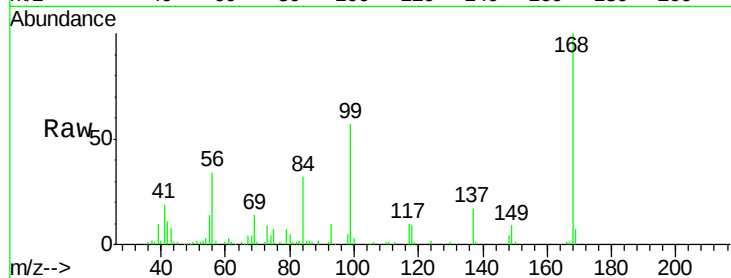
Tot Ion: 56 Resp: 54367

Ion Ratio Lower Upper

56 100

69 41.2 27.5 41.3

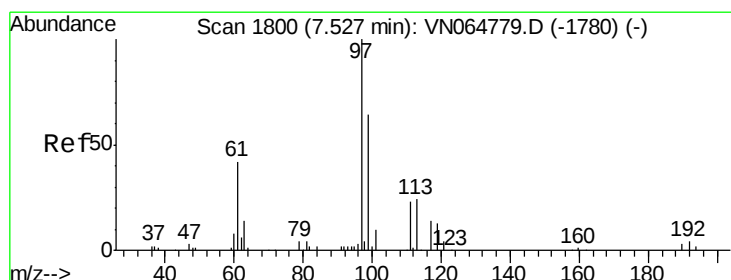
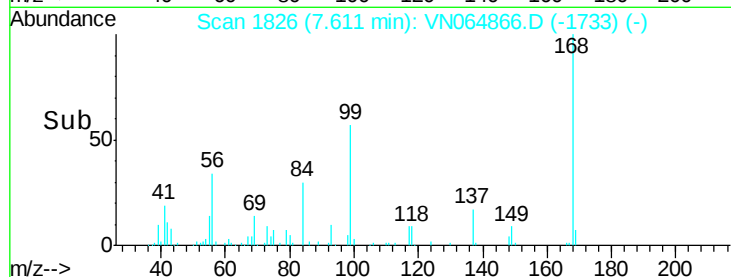
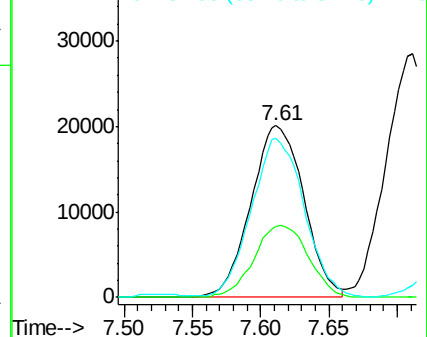
84 91.6 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.111 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

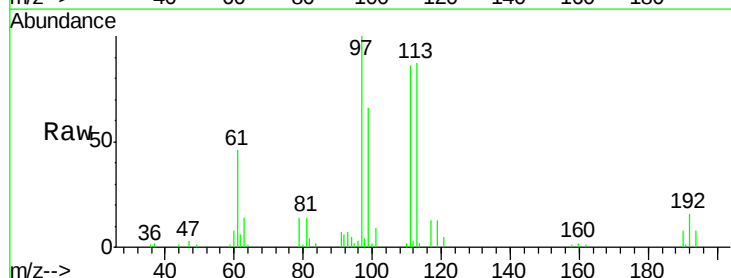
Tgt Ion: 97 Resp: 58646

Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

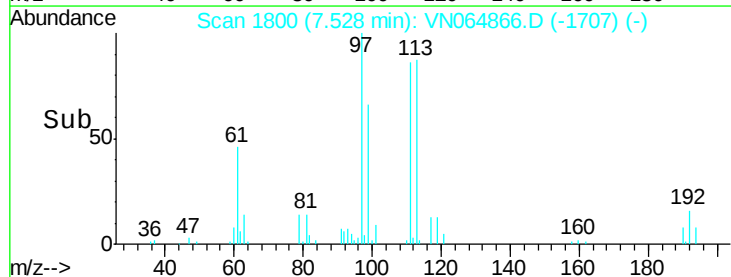
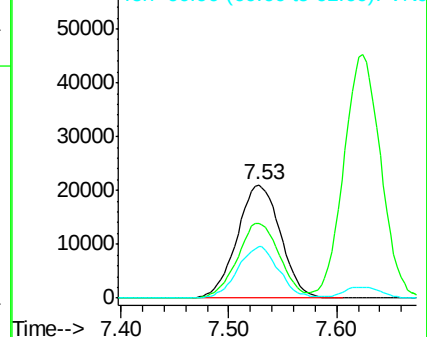
61 43.0 33.9 50.9

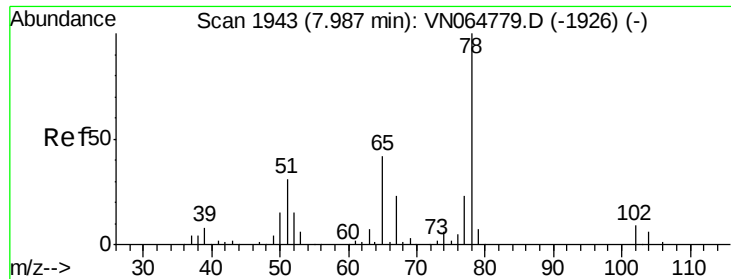


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

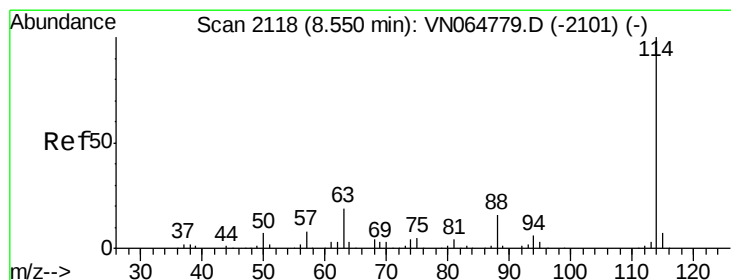
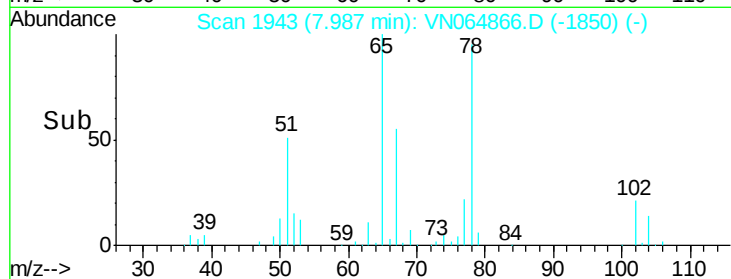
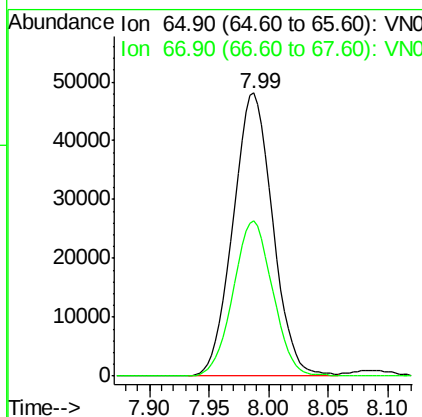
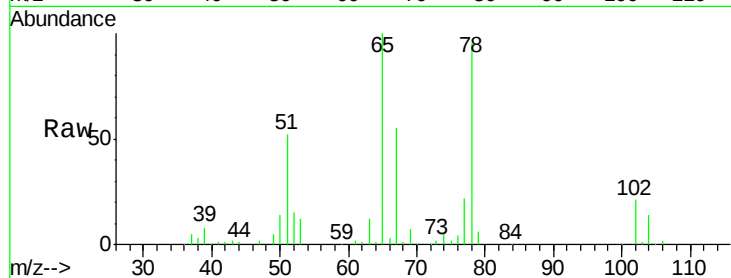




#33
 1,2-Dichloroethane-d4
 Concen: 47.396 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

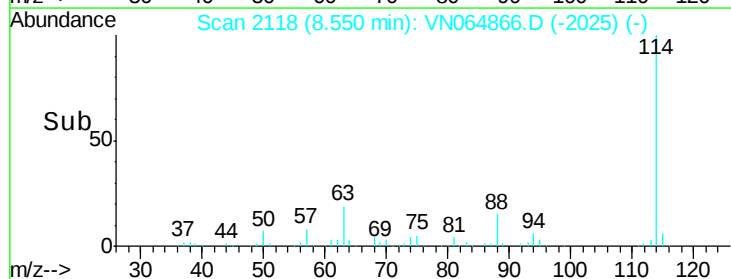
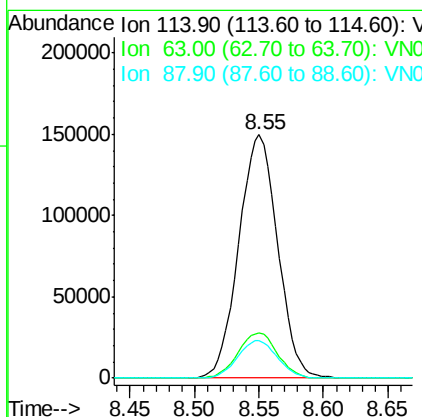
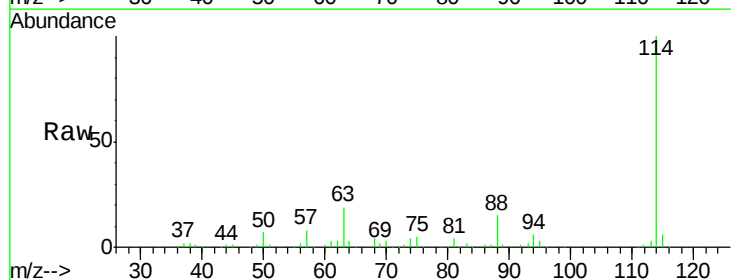
Instrument :
 MSVOA_N
 ClientSampled :
 VN1130MBSD01

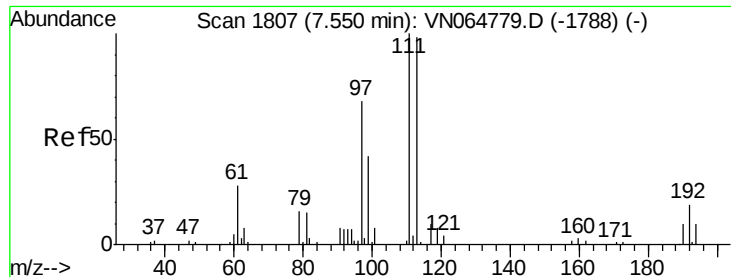
Tot Ion: 65 Resp: 111445
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

Tgt Ion: 114 Resp: 313714
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.6
 88 15.3 0.0 32.6

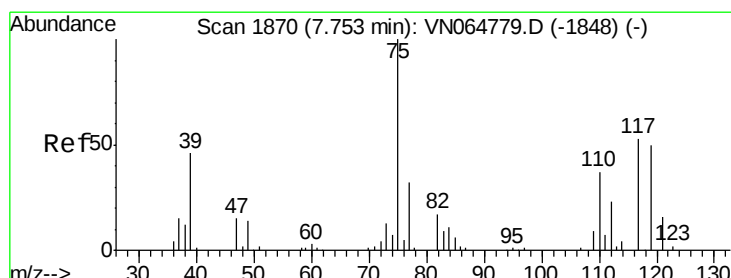
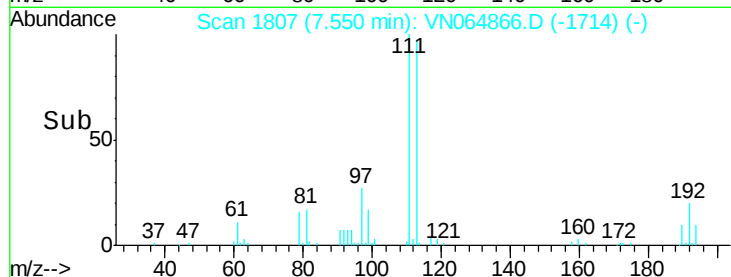
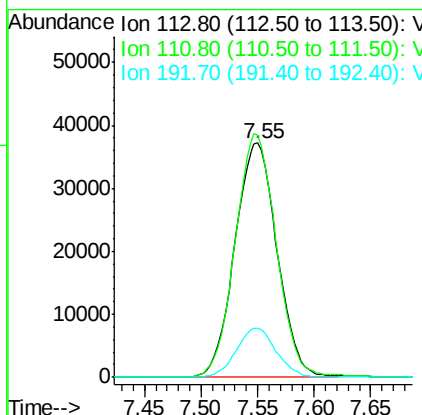
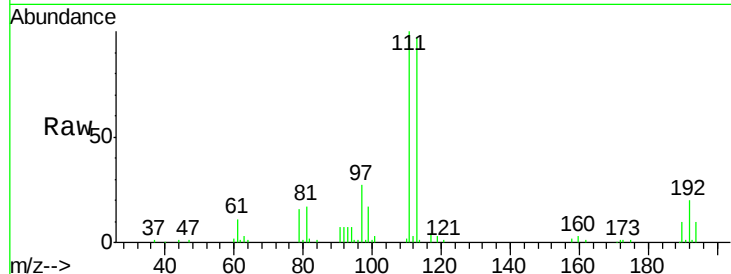




#35
 Dibromofluoromethane
 Concen: 51.382 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

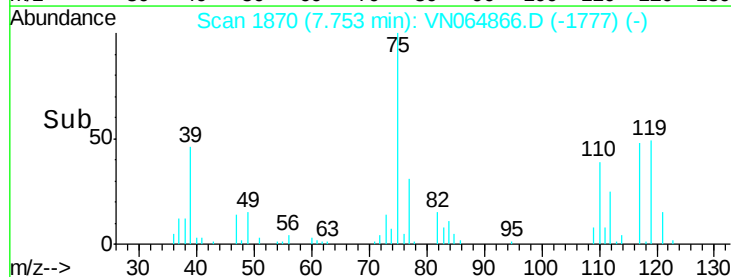
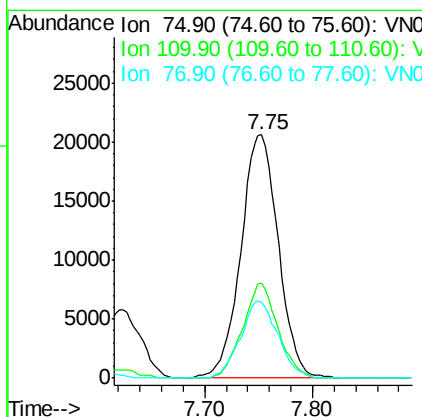
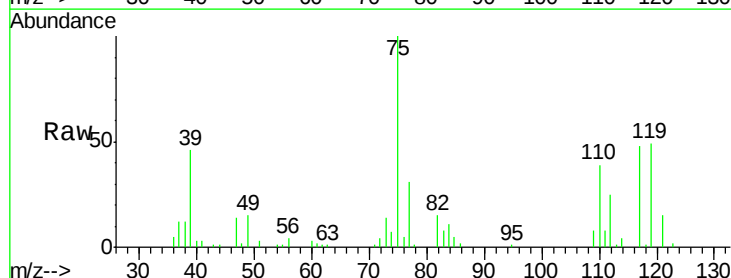
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBSD01

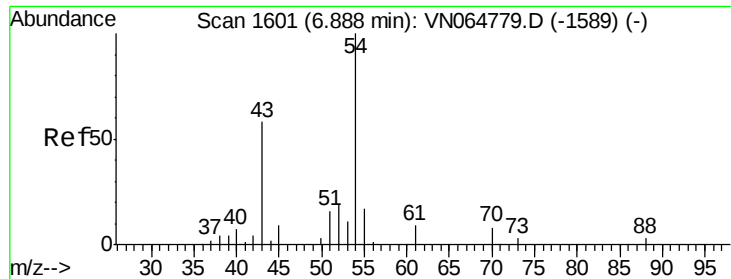
Tot Ion:113 Resp: 96453
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.6 122.4
 192 19.8 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 17.104 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

Tgt Ion: 75 Resp: 49735
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.8 53.3
 77 31.5 25.0 37.4

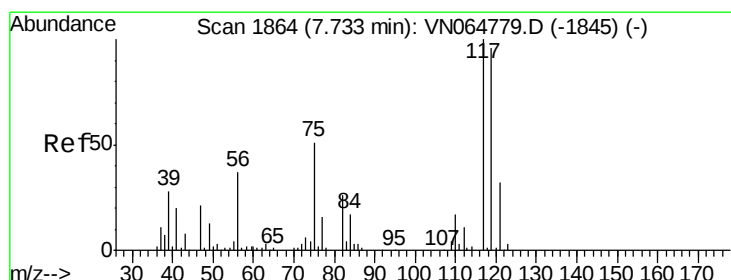
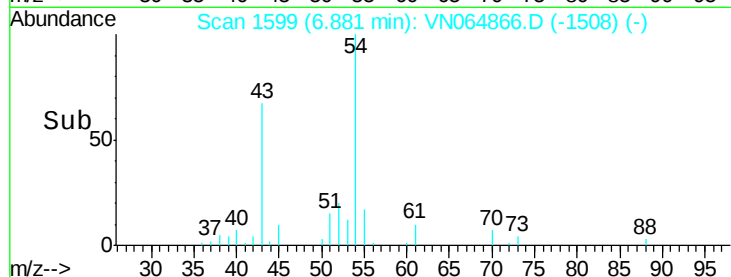
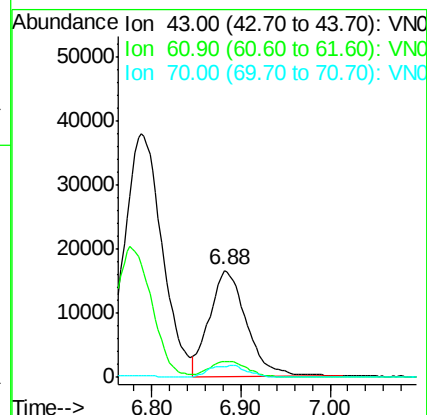
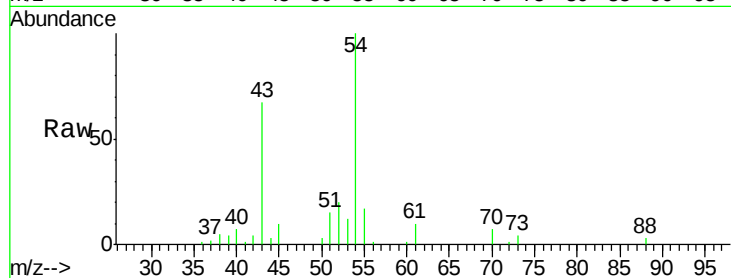




#37
Ethyl Acetate
Concen: 17.103 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

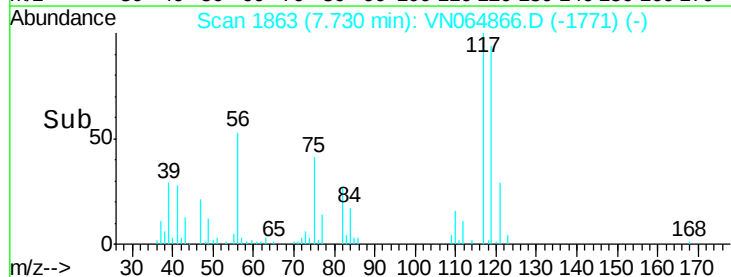
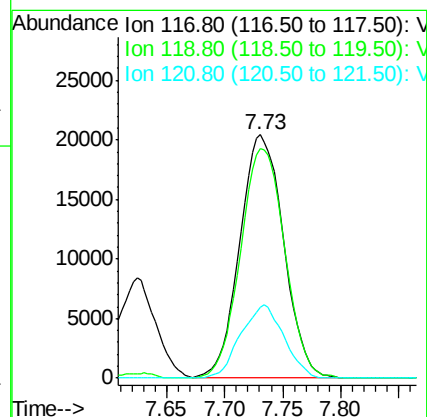
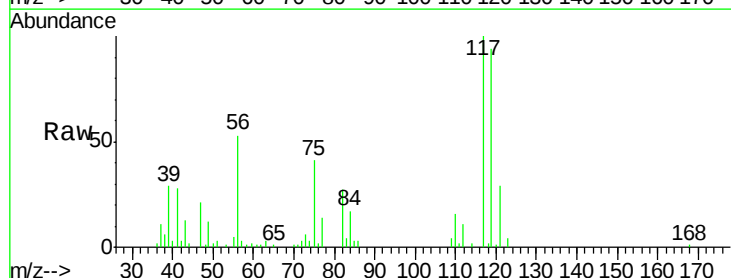
Instrument :
MSVOA_N
ClientSampleId :
VN1130MBSD01

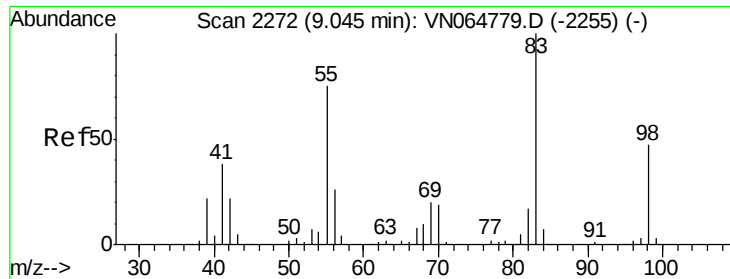
Tot Ion: 43 Resp: 47906
Ion Ratio Lower Upper
43 100
61 15.7 12.8 19.2
70 11.4 8.8 13.2



#38
Carbon Tetrachloride
Concen: 17.780 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Tgt Ion: 117 Resp: 53794
Ion Ratio Lower Upper
117 100
119 94.2 76.7 115.1
121 29.2 25.4 38.2

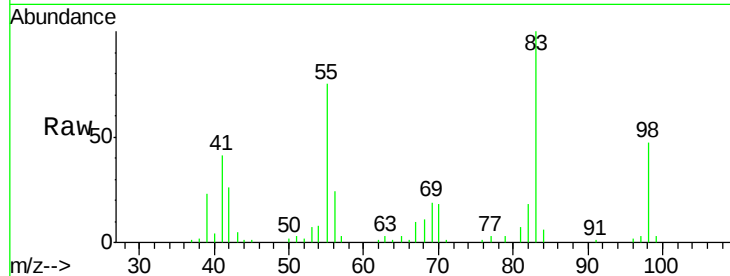




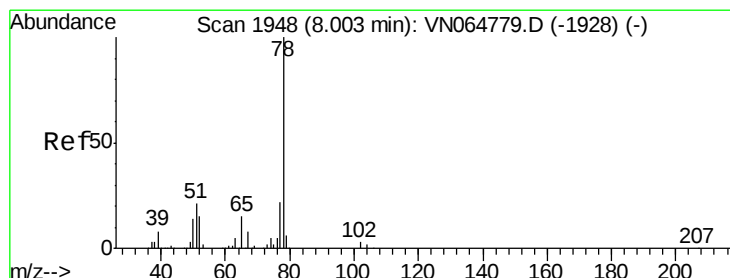
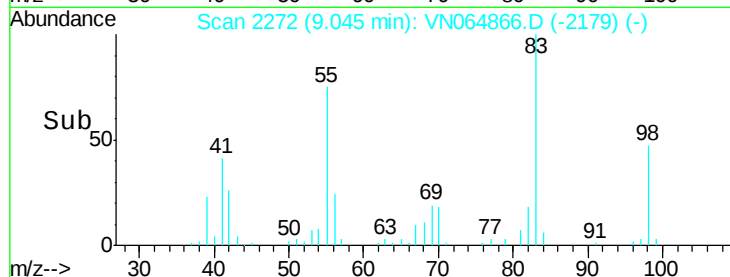
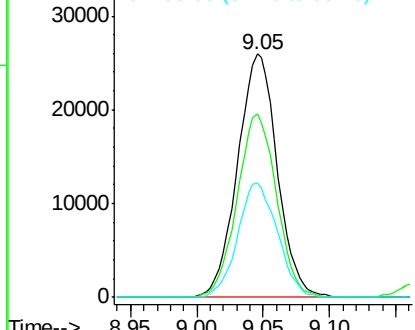
#39
Methvlcvclohexane
Concen: 17.229 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1130MBSD01

Tot Ion: 83 Resp: 53933
Ion Ratio Lower Upper
83 100
55 75.2 60.2 90.2
98 47.2 37.4 56.2

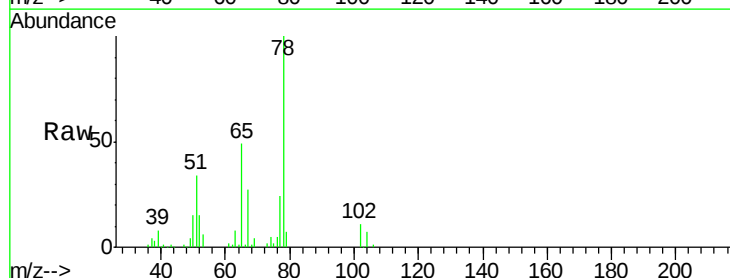


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

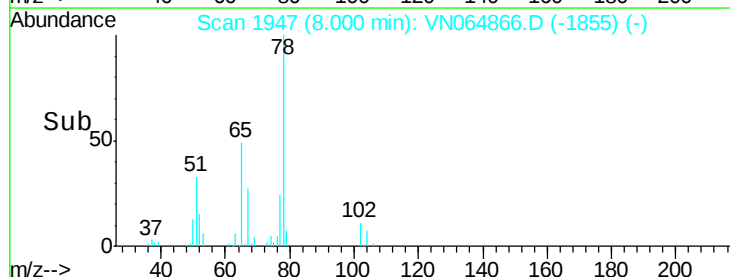
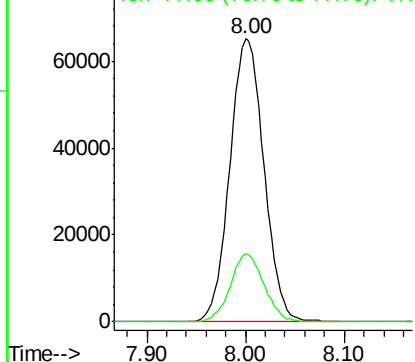


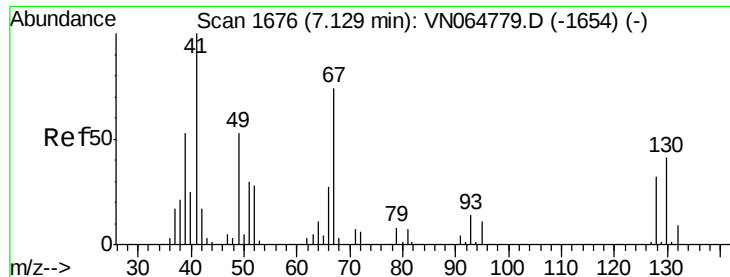
#40
Benzene
Concen: 17.609 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Tgt Ion: 78 Resp: 156909
Ion Ratio Lower Upper
78 100
77 23.9 17.9 26.9



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

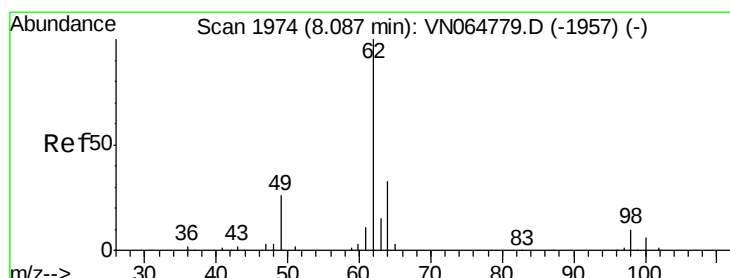
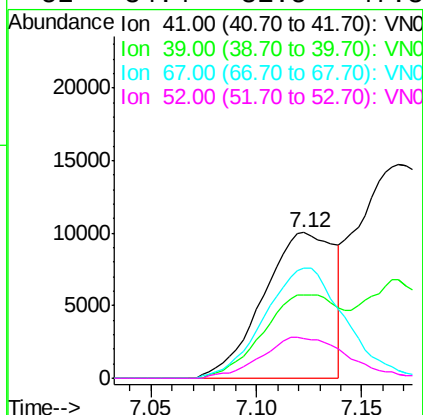
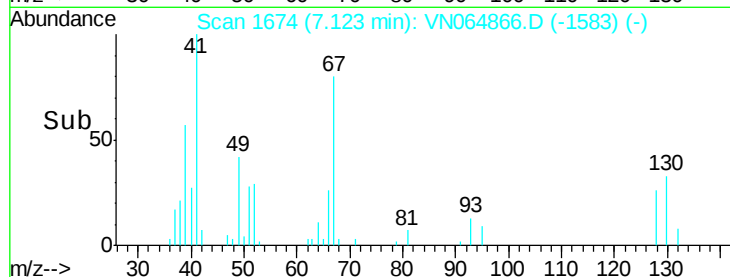
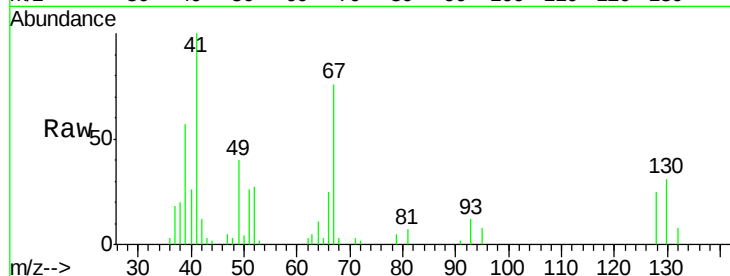




#41
Methacrylonitrile
Concen: 18.242 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

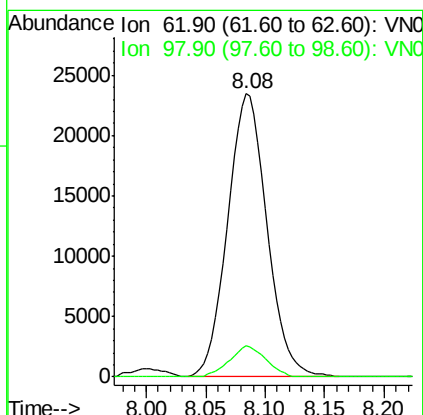
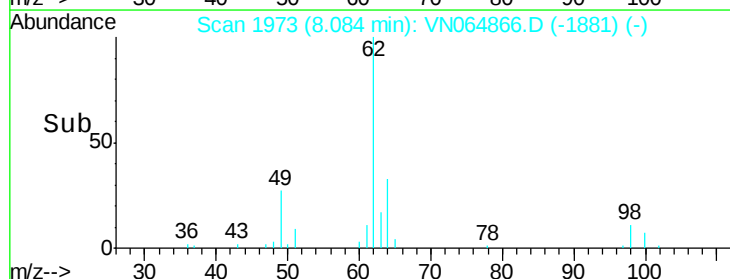
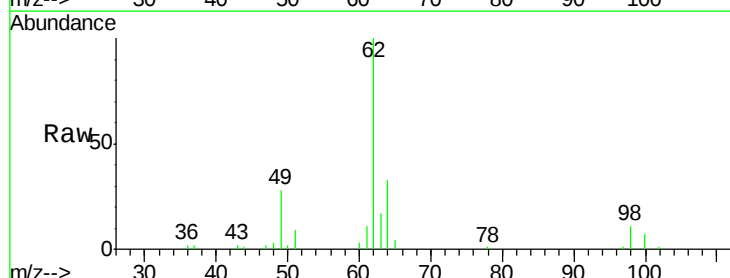
Instrument :
MSVOA_N
ClientSampleId :
VN1130MBSD01

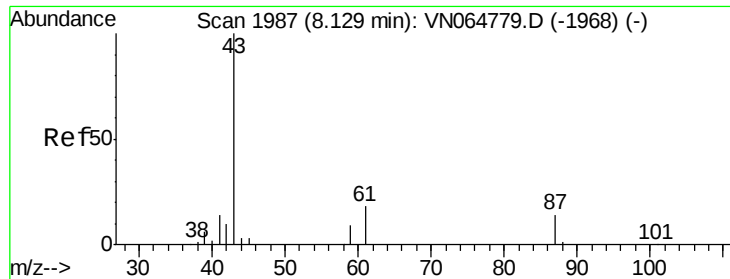
Tot Ion:	41	Resp:	23577
Ion	Ratio	Lower	Upper
41	100		
39	60.9	51.0	76.6
67	86.1	79.8	119.8
52	34.4	31.5	47.3



#42
1,2-Dichloroethane
Concen: 17.880 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Tgt Ion:	62	Resp:	53745
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.6



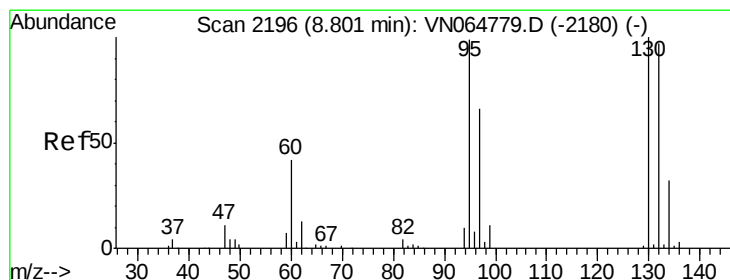
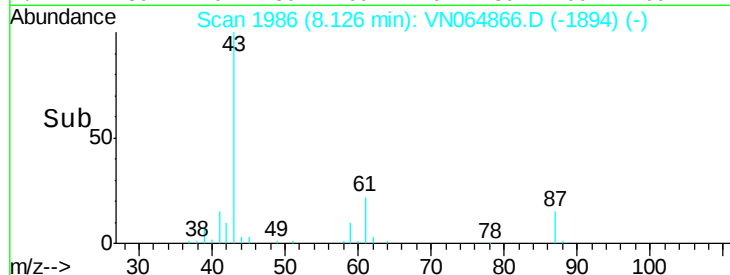
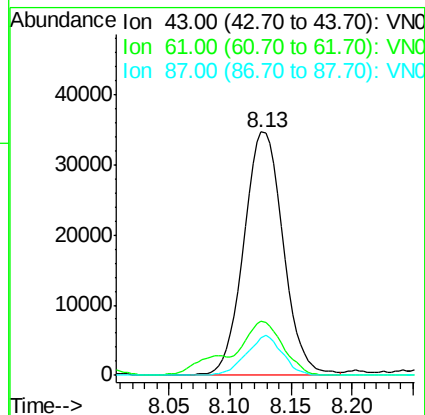
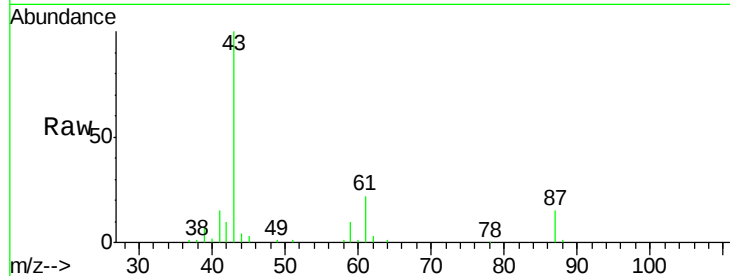


#43

Isopropyl Acetate
 Concen: 17.164 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBSD01

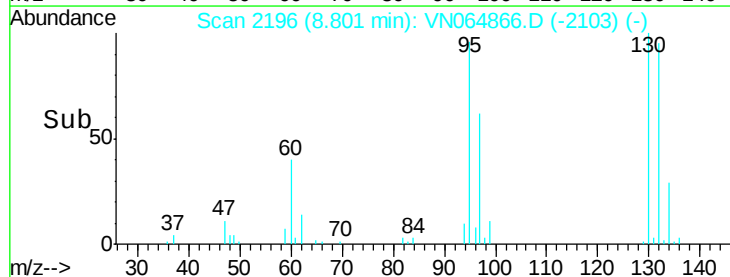
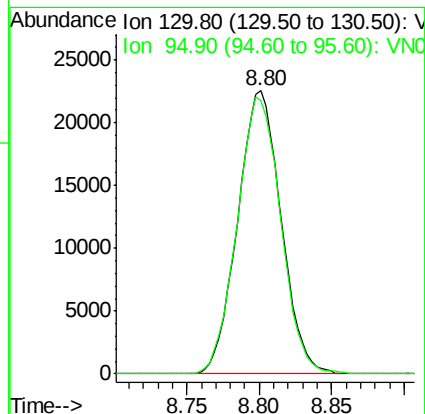
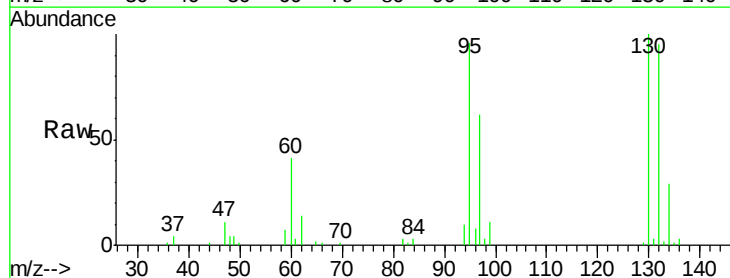
Tot Ion: 43 Resp: 77361
 Ion Ratio Lower Upper
 43 100
 61 21.7 17.2 25.8
 87 14.8 11.4 17.0

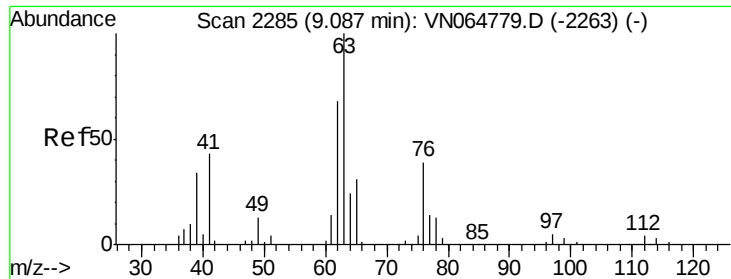


#44

Trichloroethene
 Concen: 17.801 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

Tgt Ion: 130 Resp: 46800
 Ion Ratio Lower Upper
 130 100
 95 96.4 0.0 197.8

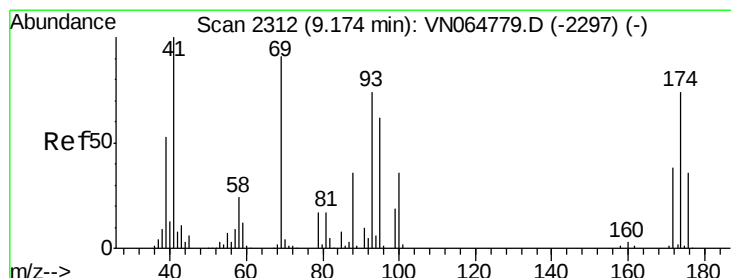
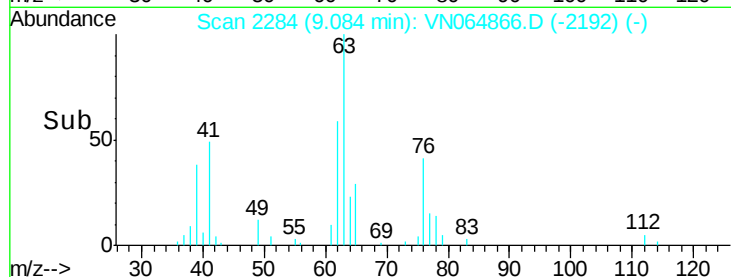
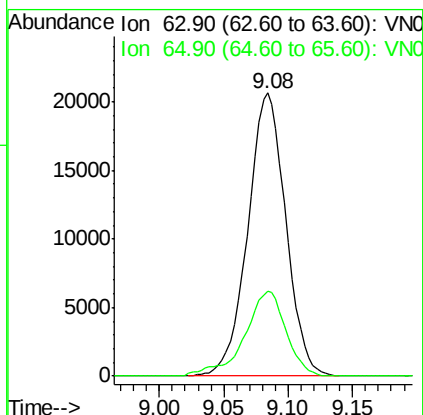
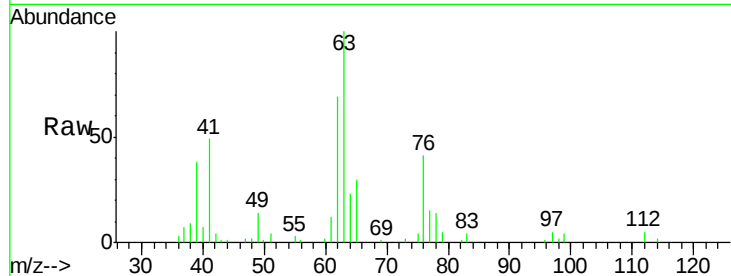




#45
 1,2-Dichloropropane
 Concen: 18.393 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

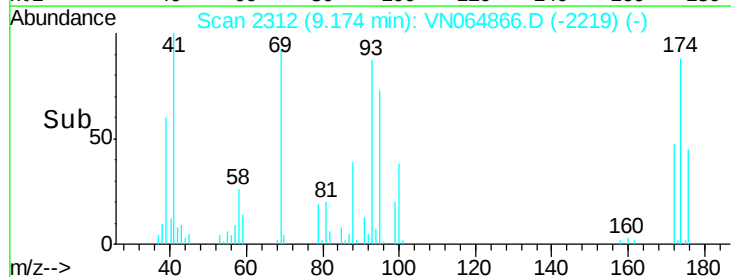
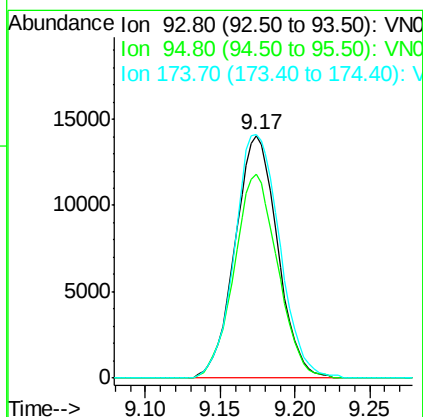
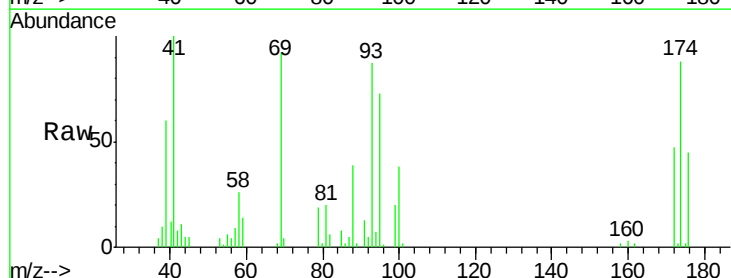
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBSD01

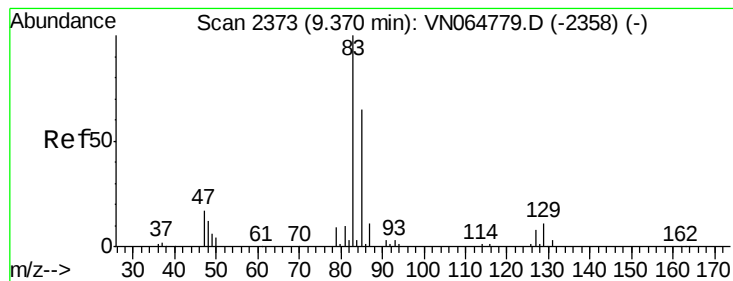
Tot Ion: 63 Resp: 42442
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.4



#46
 Dibromomethane
 Concen: 17.991 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

Tgt Ion: 93 Resp: 27735
 Ion Ratio Lower Upper
 93 100
 95 86.2 68.8 103.2
 174 106.3 83.1 124.7





#47

Bromodichloromethane

Concen: 17.860 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBSD01

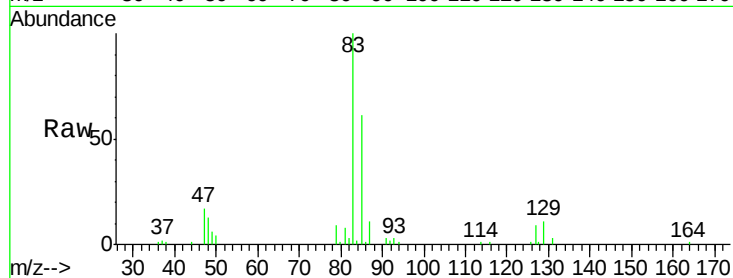
Tot Ion: 83 Resp: 55400

Ion Ratio Lower Upper

83 100

85 61.4 51.8 77.8

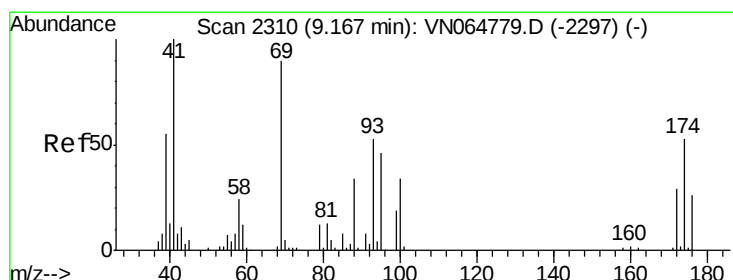
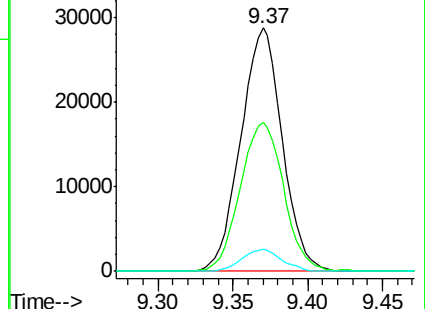
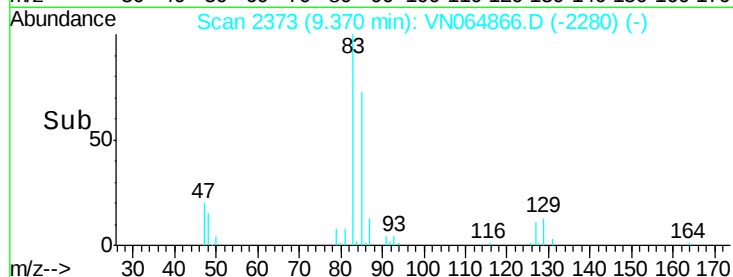
127 9.0 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064866.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064866.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064866.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.340 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

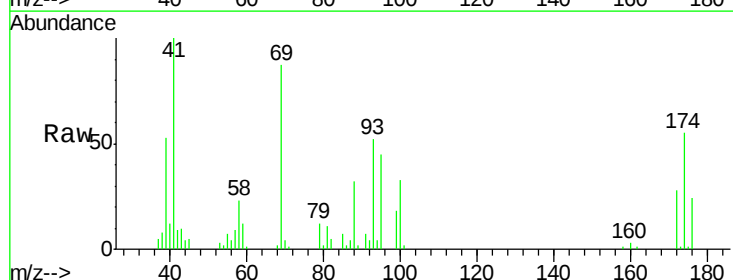
Tgt Ion: 41 Resp: 37344

Ion Ratio Lower Upper

41 100

69 93.1 71.8 107.8

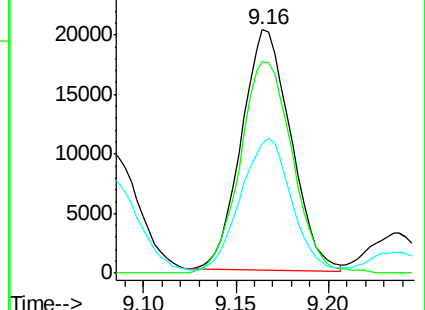
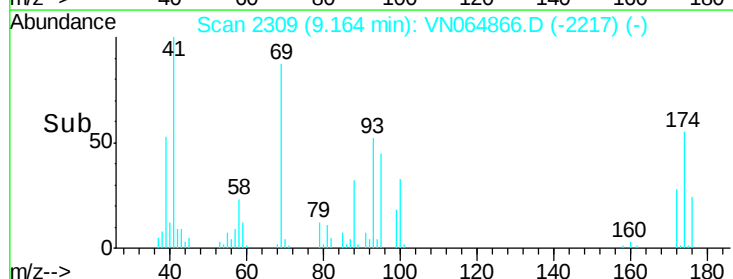
39 58.4 44.1 66.1

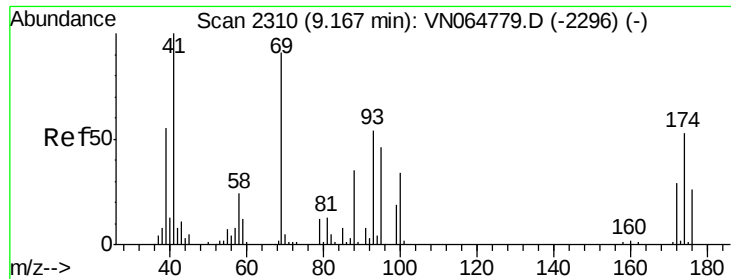


Abundance Ion 41.00 (40.70 to 41.70): VN064866.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064866.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064866.D (-2217) (-)

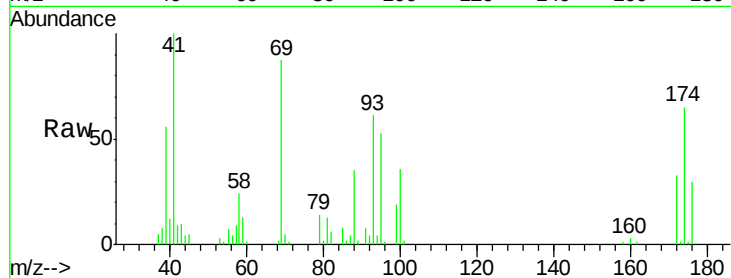




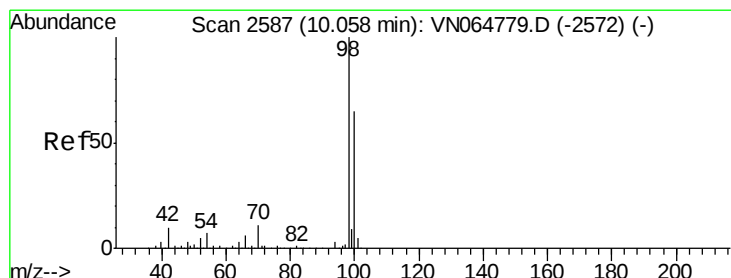
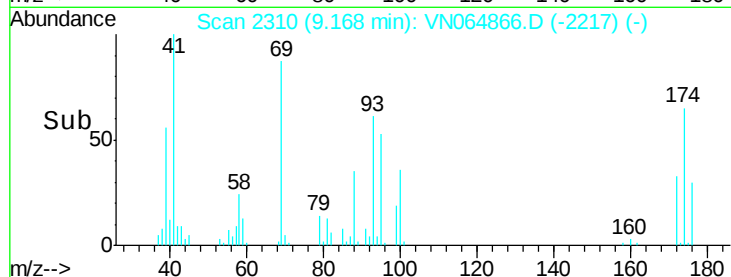
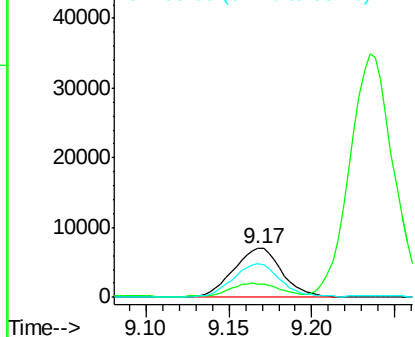
#49
 1,4-Dioxane
 Concen: 348.163 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBSD01

Tot Ion: 88 Resp: 14172
 Ion Ratio Lower Upper
 88 100
 43 31.9 24.2 36.4
 58 68.2 52.5 78.7

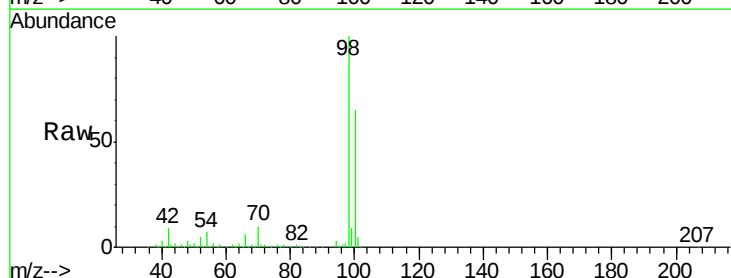


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

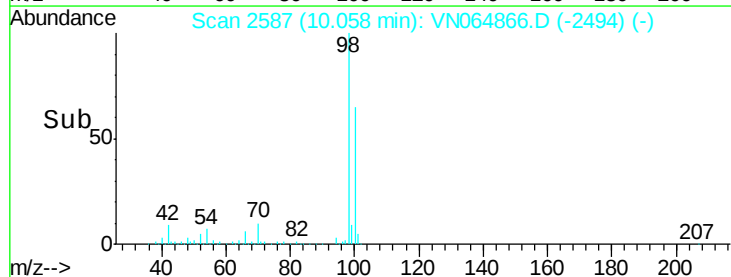
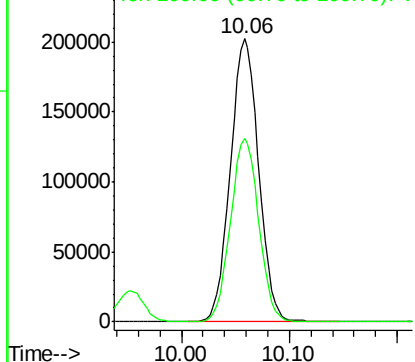


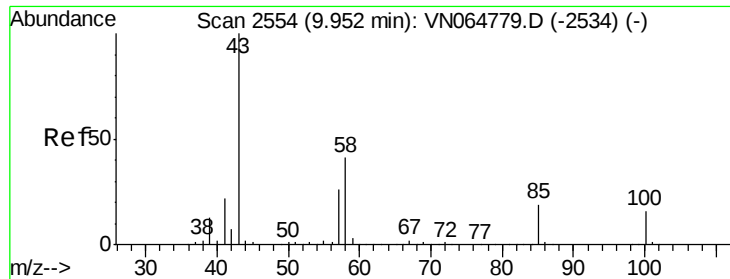
#50
 Toluene-d8
 Concen: 48.177 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

Tgt Ion: 98 Resp: 369512
 Ion Ratio Lower Upper
 98 100
 100 65.0 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: 89.295 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleID :

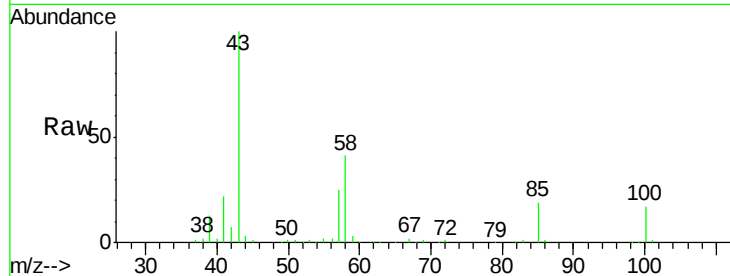
VN1130MBSD01

Tot Ion: 43 Resp: 241619

Ion Ratio Lower Upper

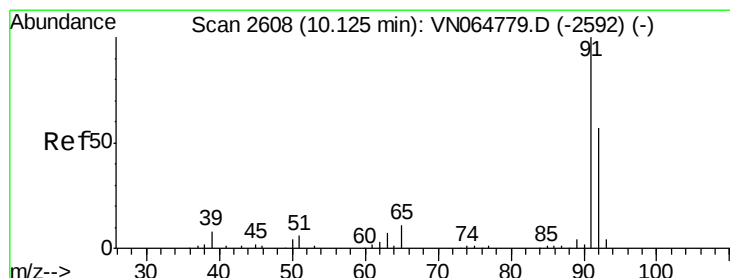
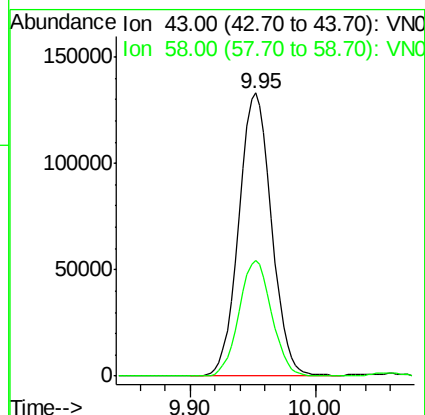
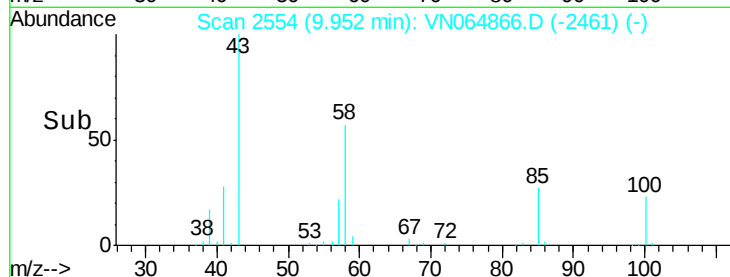
43 100

58 40.8 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064866.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN064866.D (-2461) (-)



#52

Toluene

Concen: 17.678 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064866.D

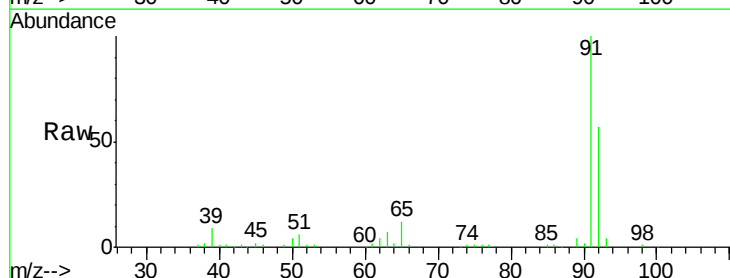
Acq: 30 Nov 2020 12:32

Tgt Ion: 92 Resp: 97008

Ion Ratio Lower Upper

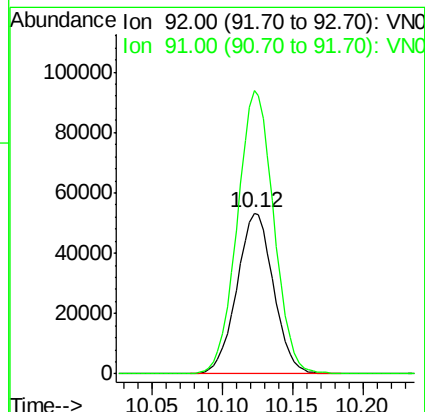
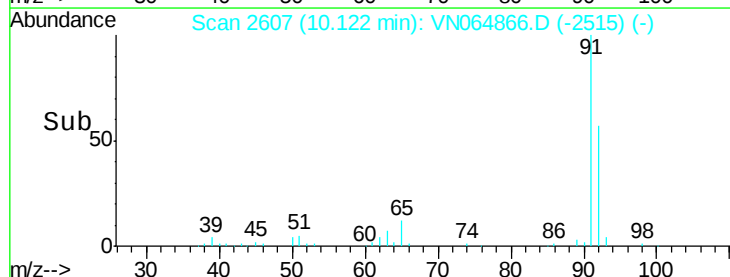
92 100

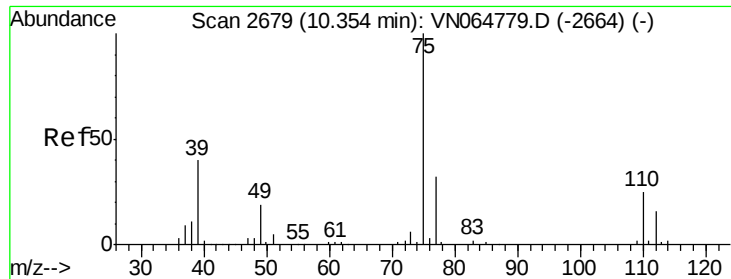
91 175.4 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064866.D (-2515) (-)

Ion 91.00 (90.70 to 91.70): VN064866.D (-2515) (-)

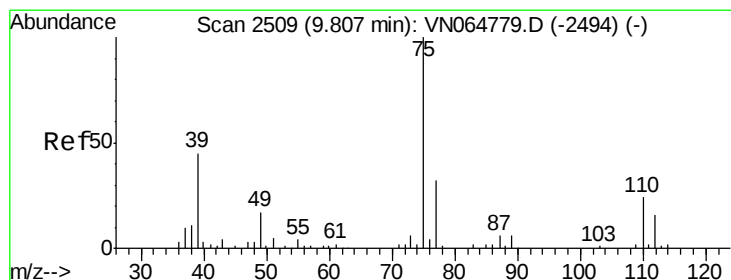
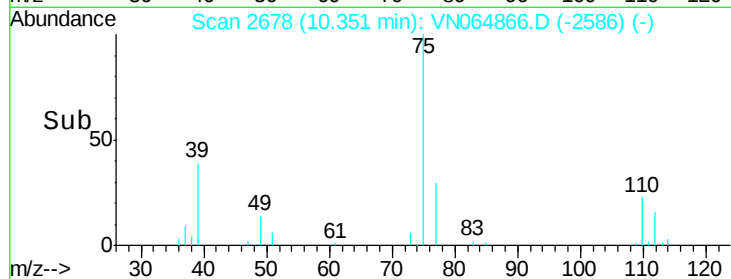
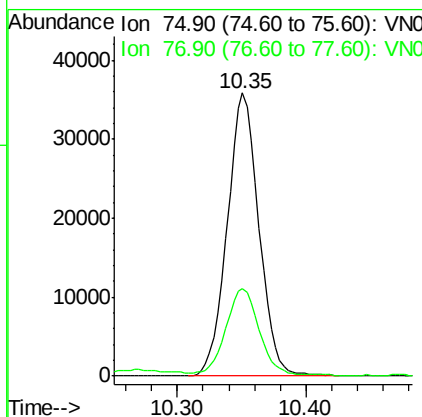
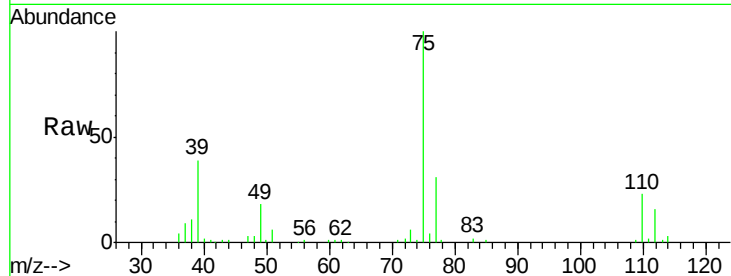




#53
 t-1,3-Dichloropropene
 Concen: 17.663 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. -0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

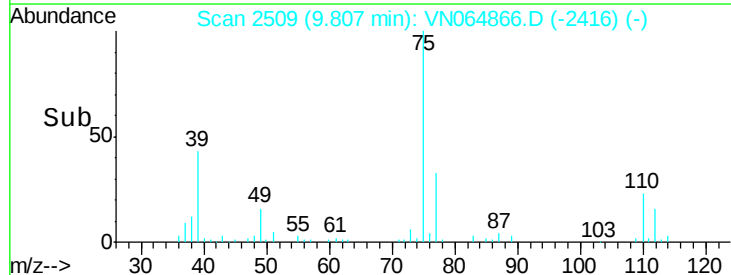
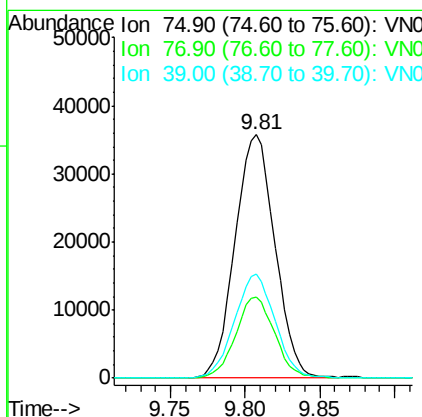
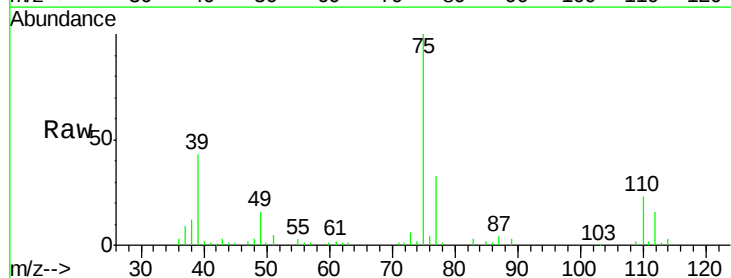
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBSD01

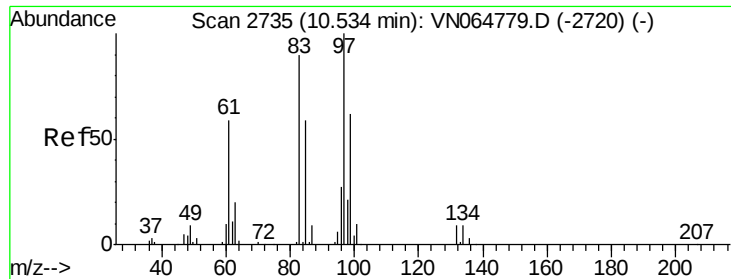
Tot Ion: 75 Resp: 61023
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 17.972 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

Tgt Ion: 75 Resp: 66552
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.5 38.3
 39 42.7 35.6 53.4

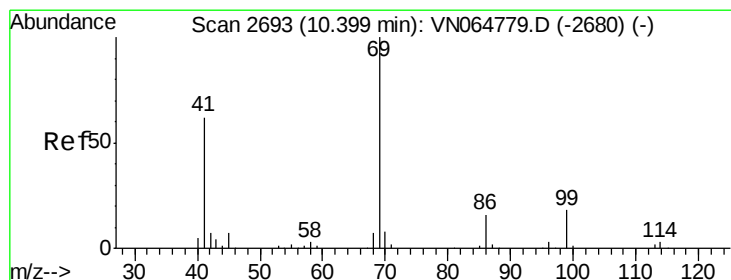
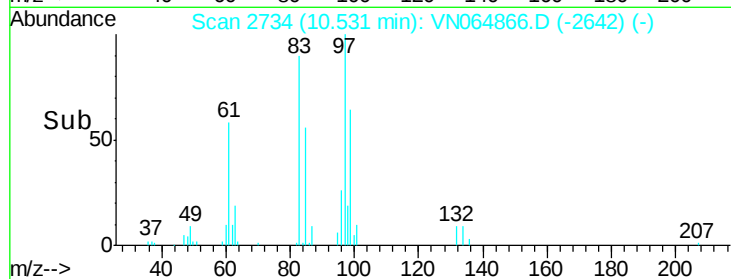
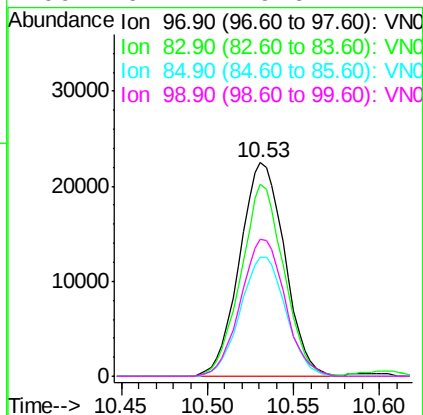
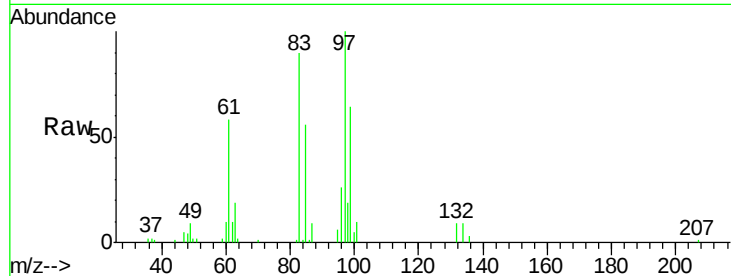




#55
 1,1,2-Trichloroethane
 Concen: 18.066 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

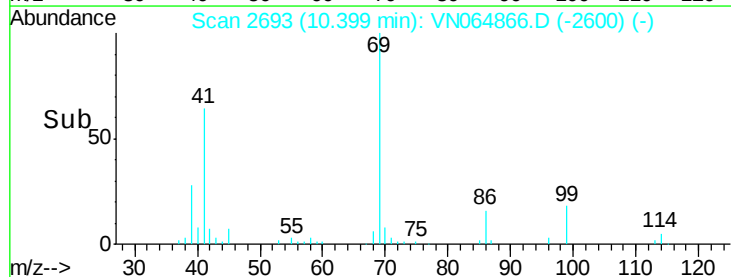
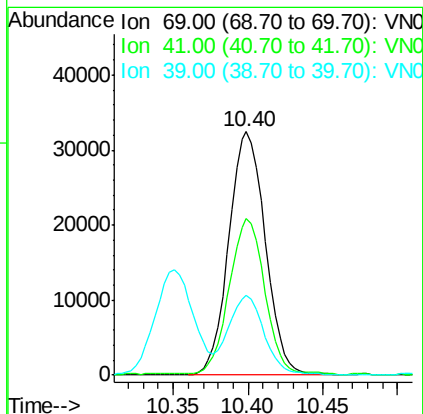
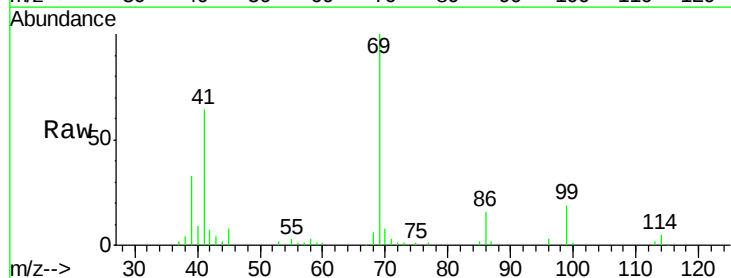
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBSD01

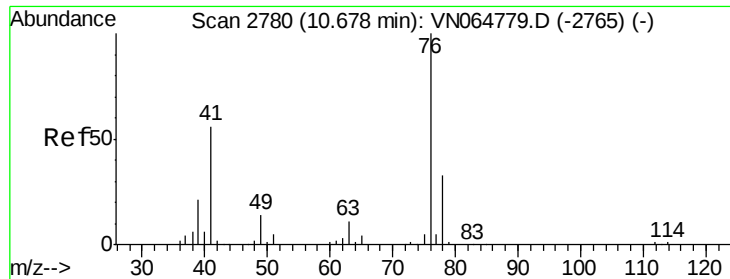
Tot Ion: 97 Resp: 40766
 Ion Ratio Lower Upper
 97 100
 83 90.2 72.1 108.1
 85 55.7 46.8 70.2
 99 64.1 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 17.686 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

Tgt Ion: 69 Resp: 55073
 Ion Ratio Lower Upper
 69 100
 41 63.6 49.4 74.0
 39 32.2 25.9 38.9

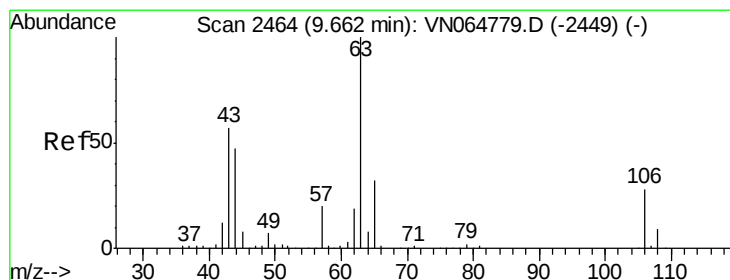
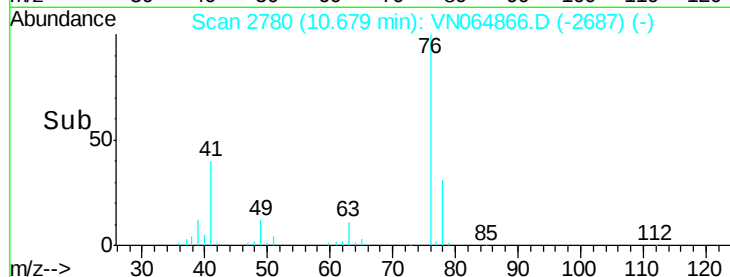
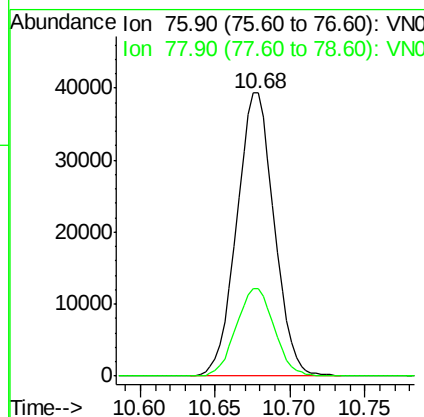
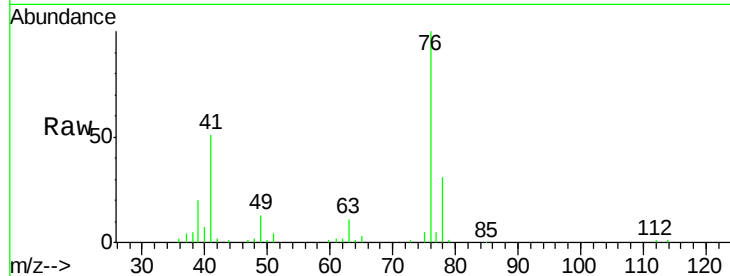




#57
 1,3-Dichloropropane
 Concen: 18.403 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

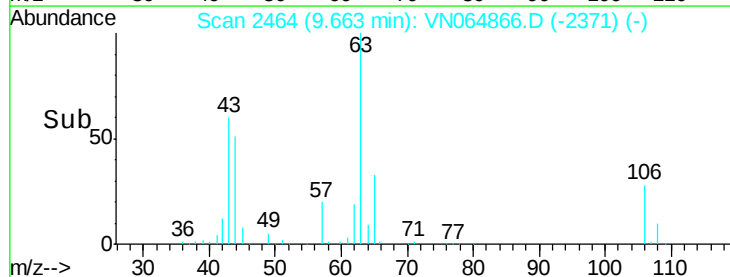
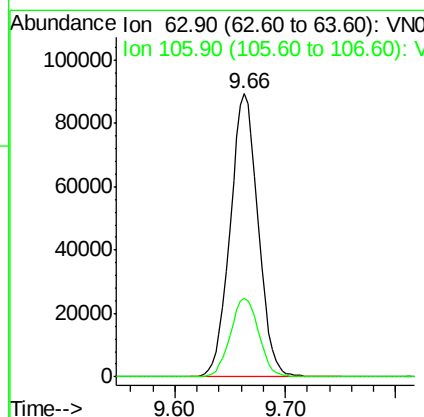
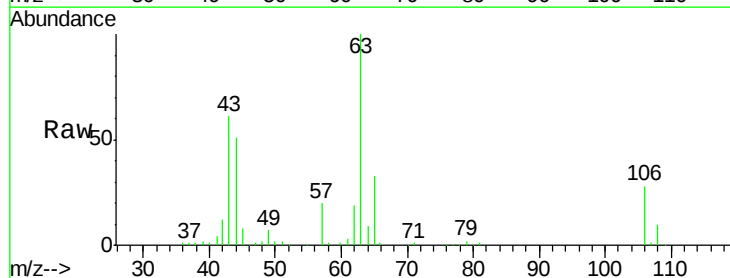
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBSD01

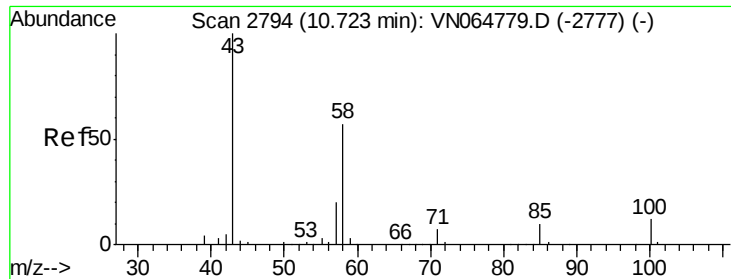
Tot Ion: 76 Resp: 68502
 Ion Ratio Lower Upper
 76 100
 78 31.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.576 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

Tgt Ion: 63 Resp: 156857
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.7 34.1

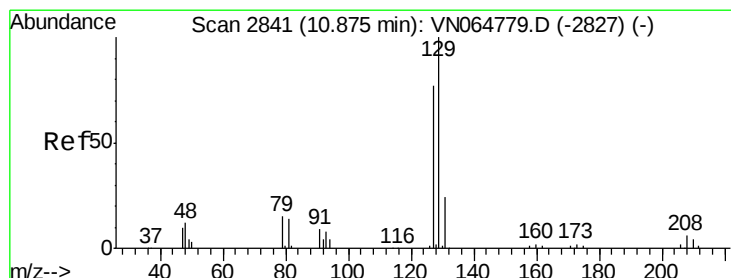
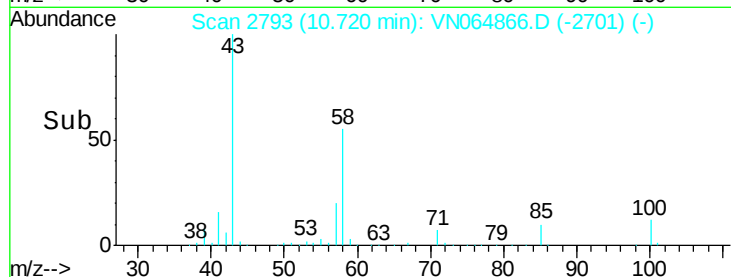
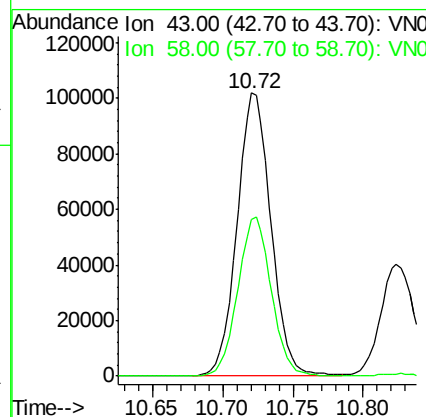
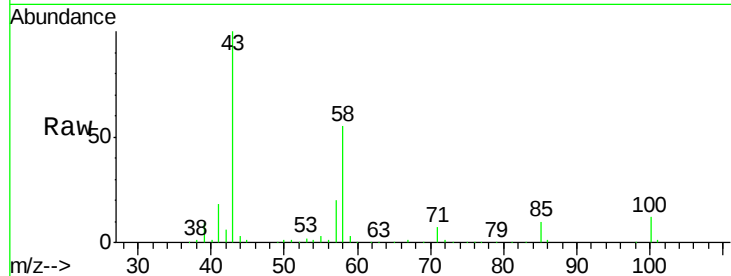




#59
2-Hexanone
Concen: 88.220 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

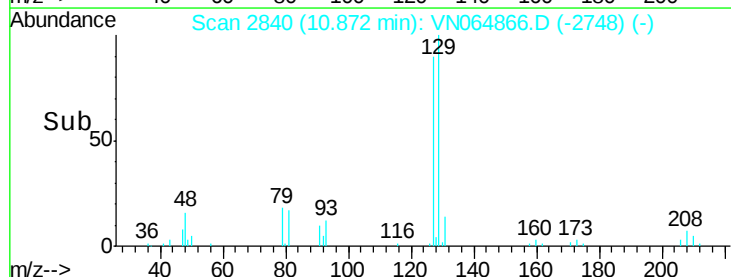
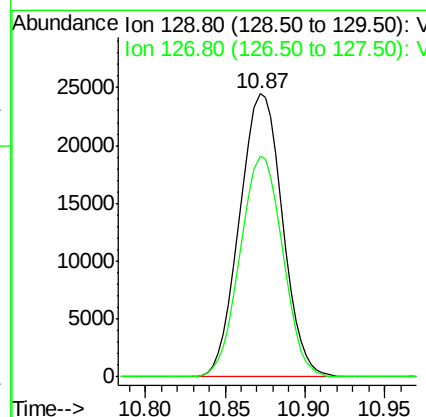
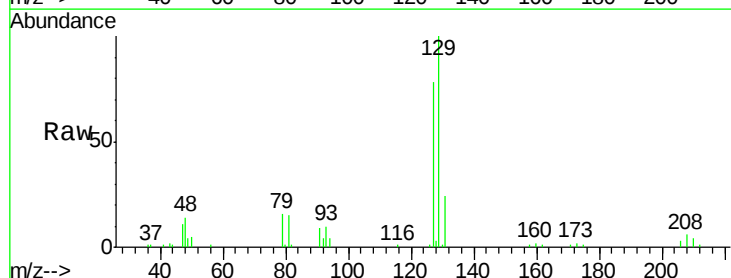
Instrument :
MSVOA_N
ClientSampleId :
VN1130MBSD01

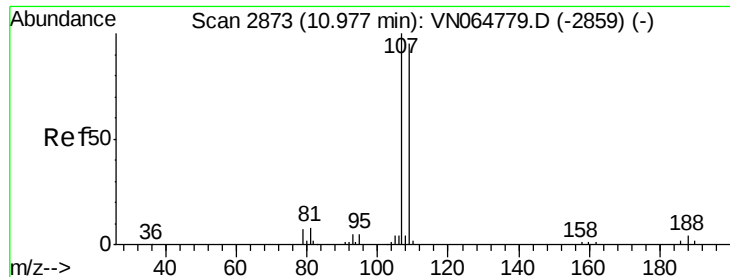
Tot Ion: 43 Resp: 171797
Ion Ratio Lower Upper
43 100
58 55.6 28.3 84.9



#60
Dibromochloromethane
Concen: 17.875 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Tgt Ion: 129 Resp: 44837
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.905 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

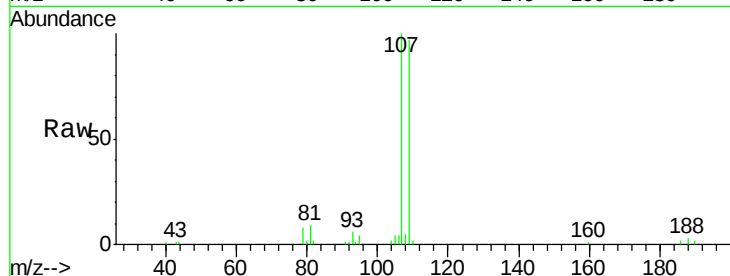
VN1130MBSD01

Tot Ion: 107 Resp: 41049

Ion Ratio Lower Upper

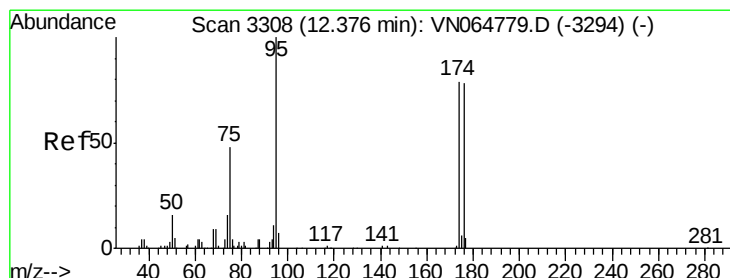
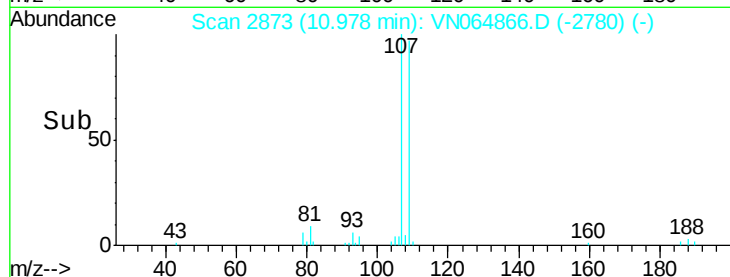
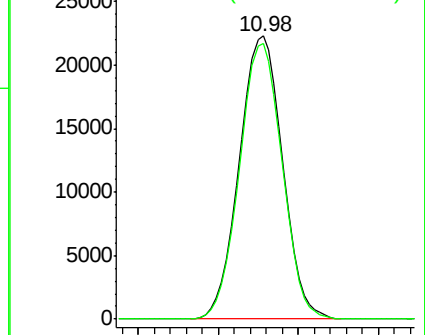
107 100

109 96.0 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.276 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

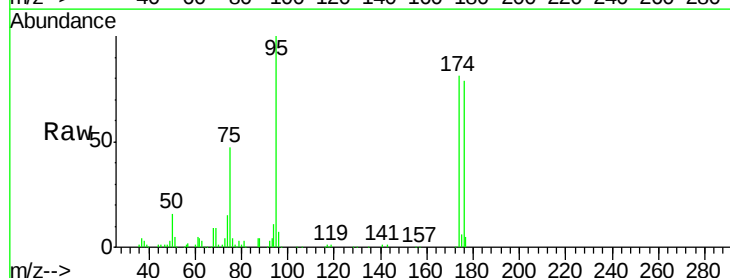
Tgt Ion: 95 Resp: 132514

Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.4

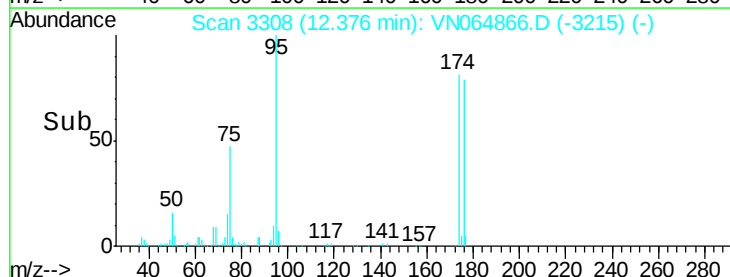
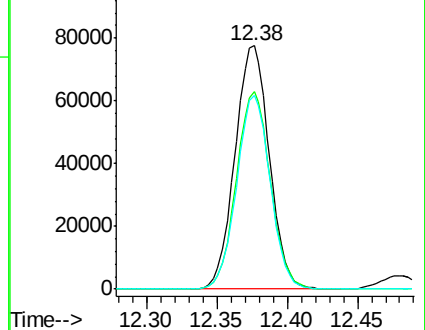
176 77.7 0.0 158.4

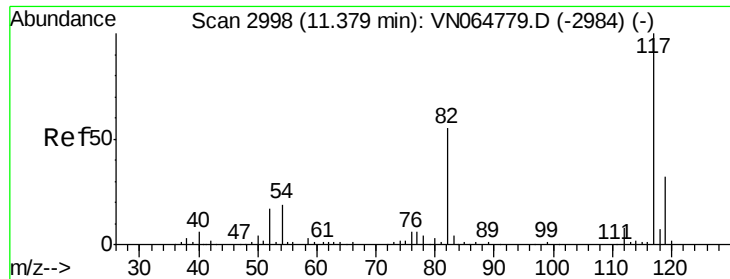


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBSD01

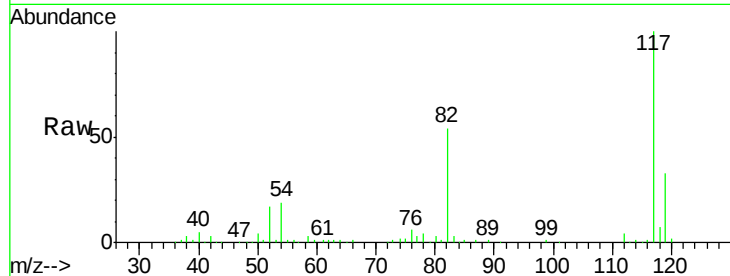
Tot Ion:117 Resp: 284692

Ion Ratio Lower Upper

117 100

82 53.8 44.2 66.2

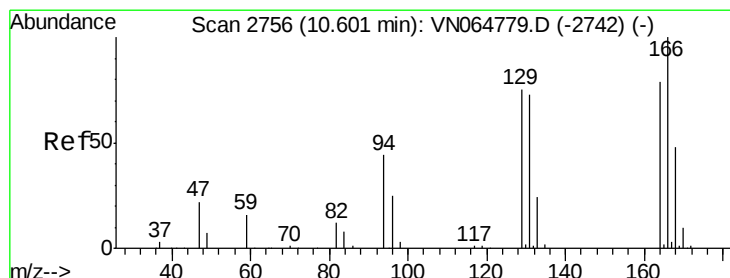
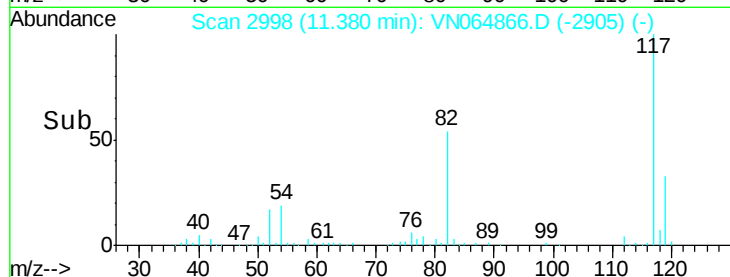
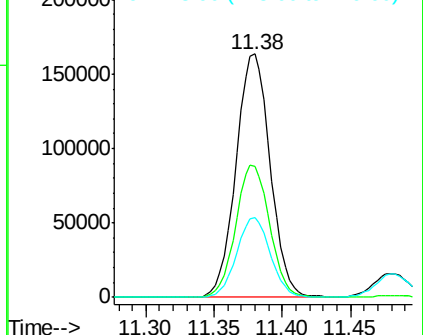
119 32.7 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.683 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Tgt Ion:164 Resp: 54517

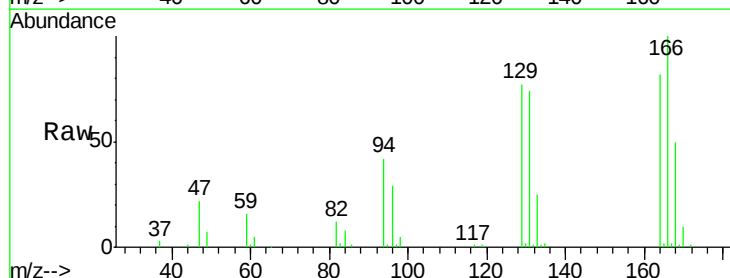
Ion Ratio Lower Upper

164 100

166 122.0 101.4 152.0

129 93.4 76.1 114.1

131 89.7 74.2 111.2

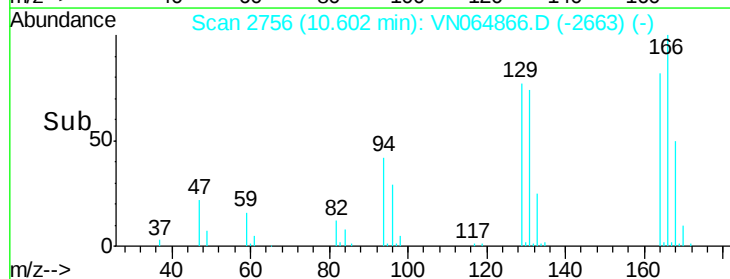
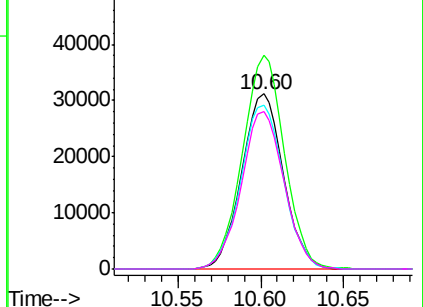


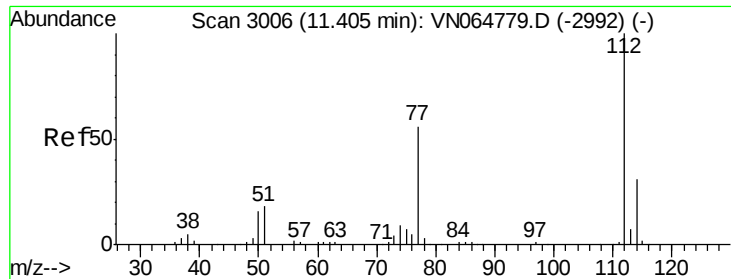
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

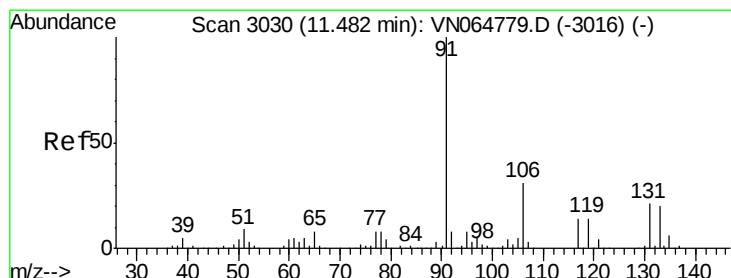
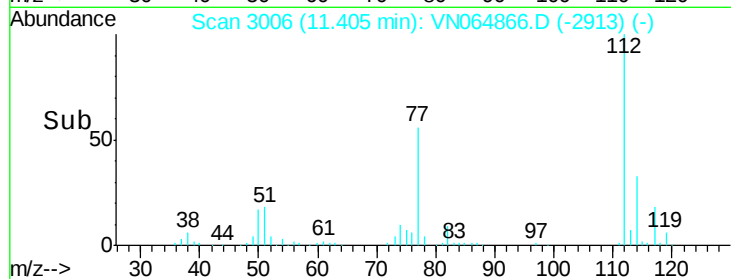
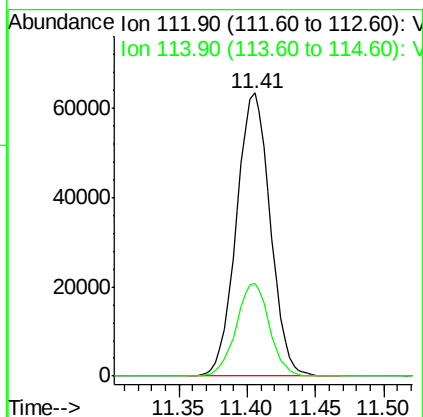
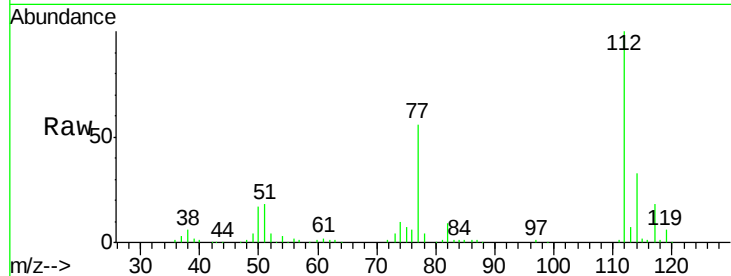




#65
Chlorobenzene
Concen: 17.859 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

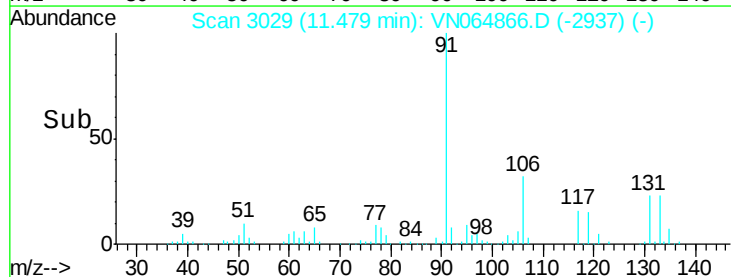
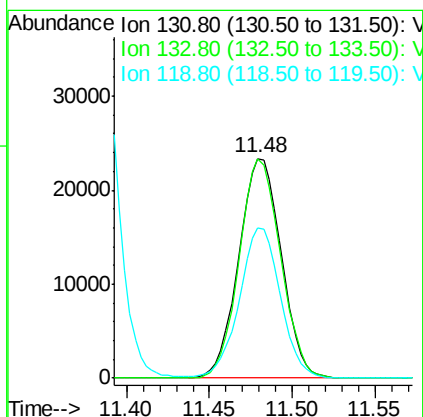
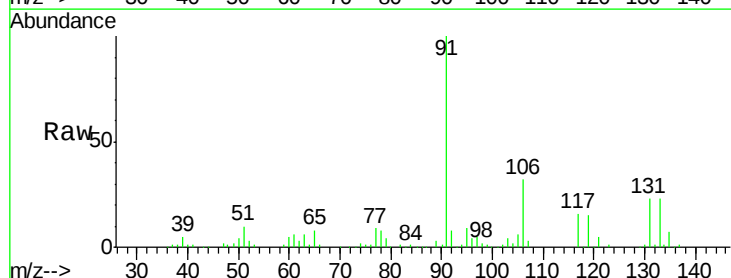
Instrument :
MSVOA_N
ClientSampleId :
VN1130MBSD01

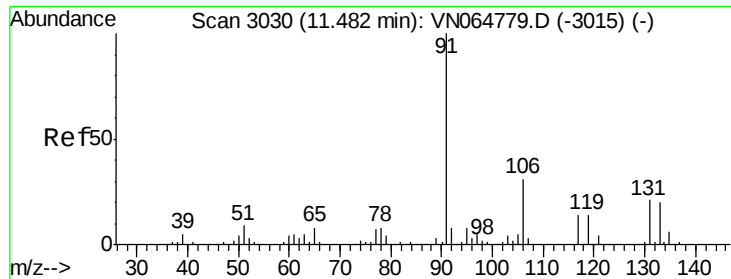
Tot Ion:112 Resp: 109186
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.523 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Tgt Ion:131 Resp: 41618
Ion Ratio Lower Upper
131 100
133 97.1 47.5 142.5
119 66.2 33.3 99.8

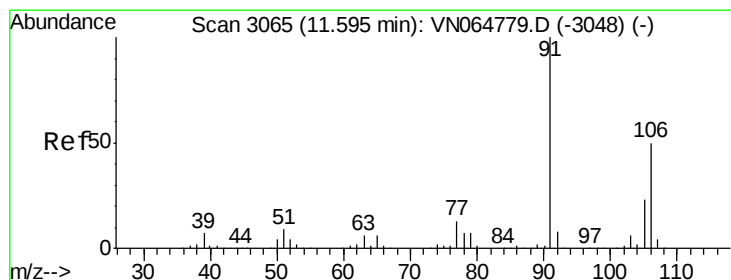
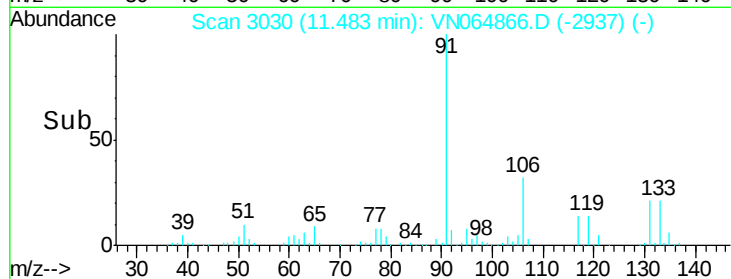
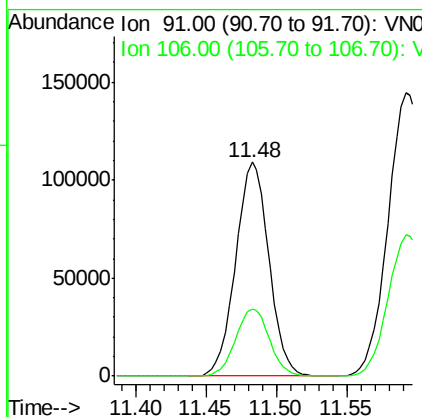
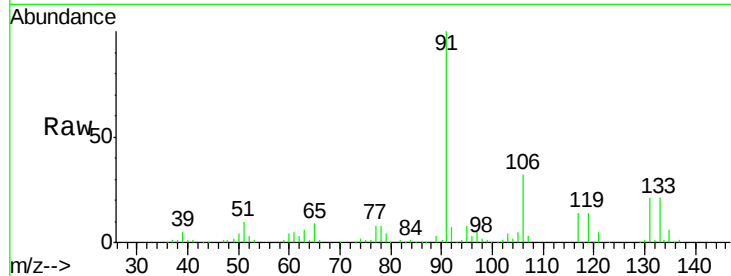




#67
Ethyl Benzene
Concen: 17.676 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

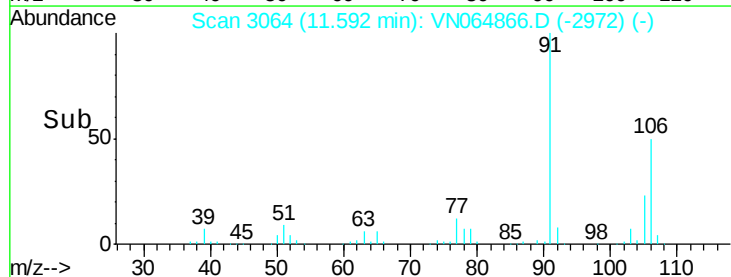
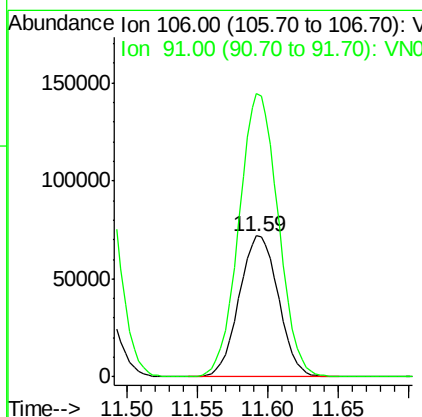
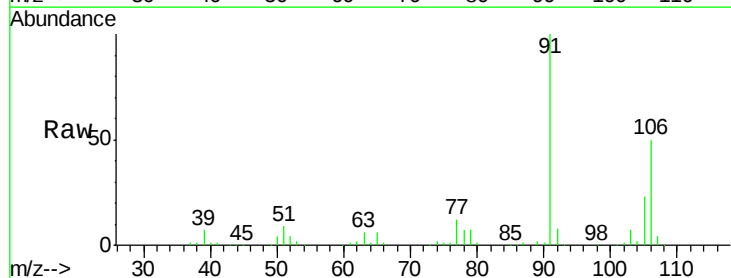
Instrument :
MSVOA_N
ClientSampleId :
VN1130MBSD01

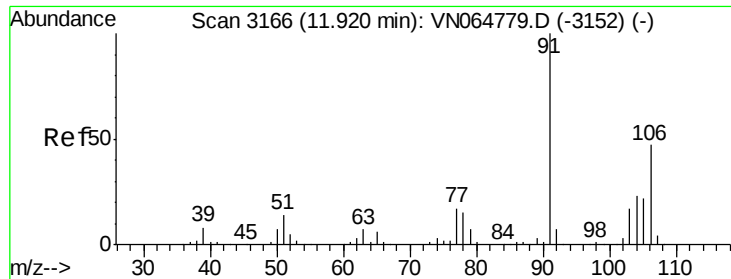
Tot Ion: 91 Resp: 180532
Ion Ratio Lower Upper
91 100
106 31.6 25.2 37.8



#68
m/p-Xylenes
Concen: 36.308 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Tgt Ion: 106 Resp: 140396
Ion Ratio Lower Upper
106 100
91 200.7 161.0 241.4

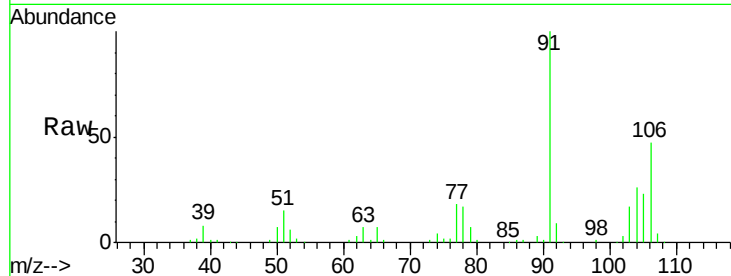




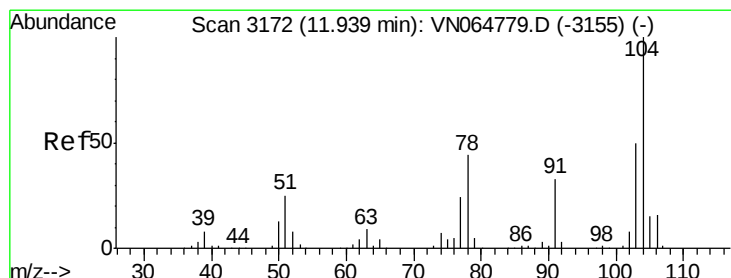
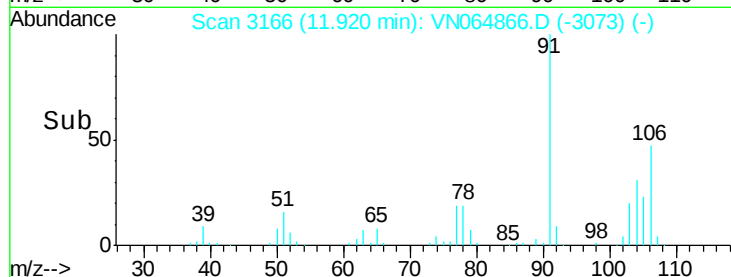
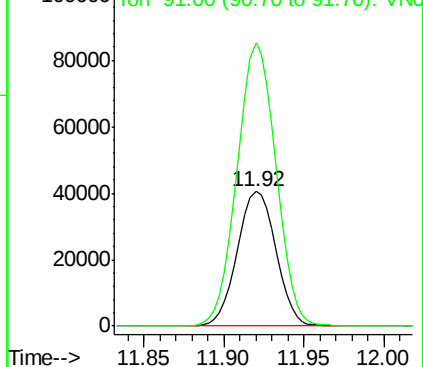
#69
o-Xylene
Concen: 18.264 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1130MBSD01

Tot Ion:106 Resp: 67017
Ion Ratio Lower Upper
106 100
91 211.0 105.5 316.5

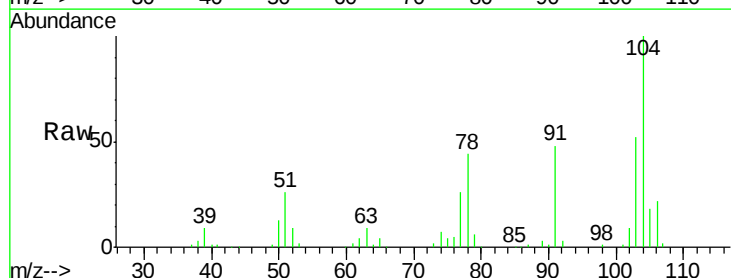


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

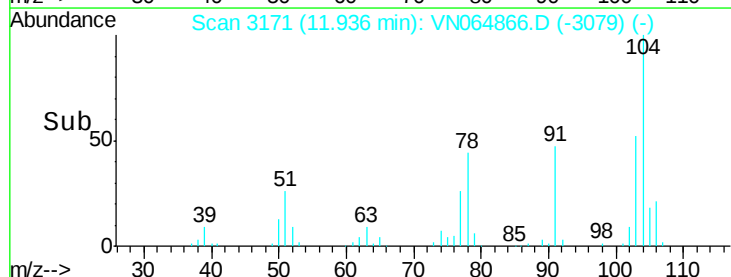
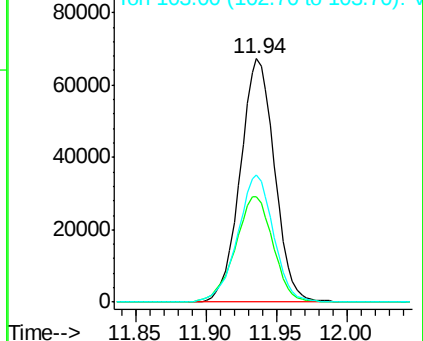


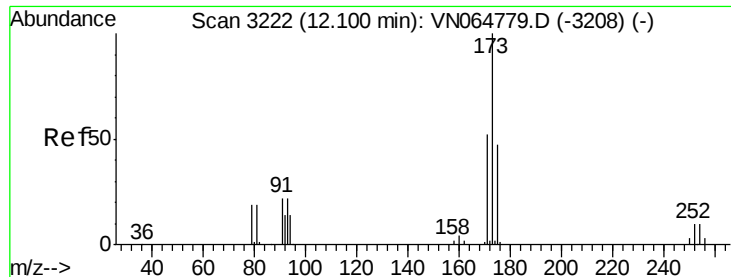
#70
Styrene
Concen: 18.524 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Tgt Ion:104 Resp: 114746
Ion Ratio Lower Upper
104 100
78 47.4 39.0 58.6
103 54.8 44.3 66.5



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





#71

Bromoform

Concen: 17.166 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBSD01

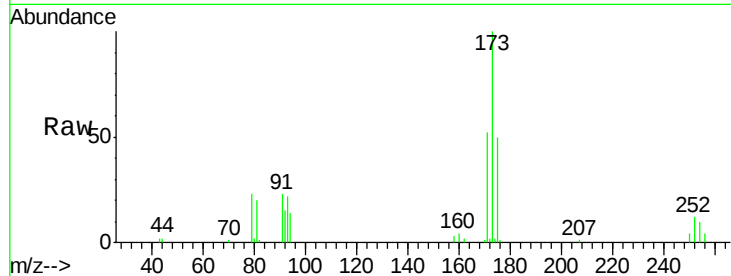
Tot Ion:173 Resp: 30805

Ion Ratio Lower Upper

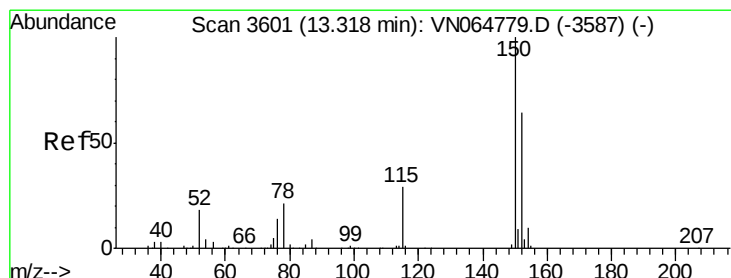
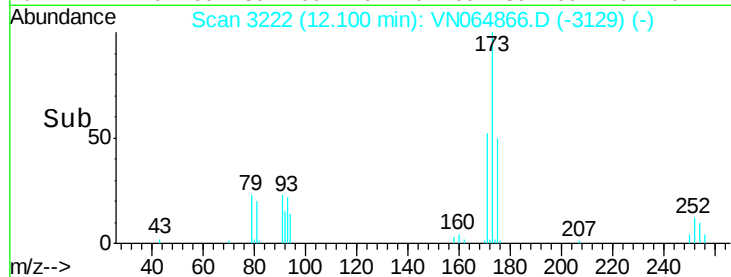
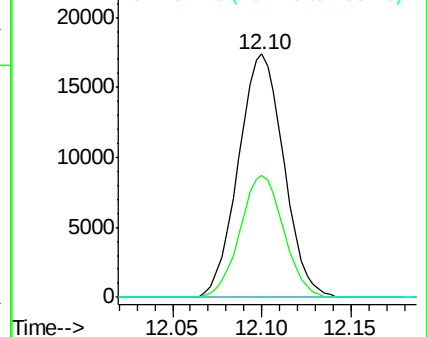
173 100

175 48.2 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: VN064866.D

Acq: 30 Nov 2020 12:32

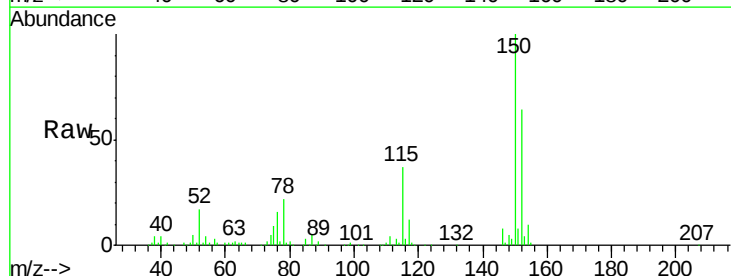
Tgt Ion:152 Resp: 141705

Ion Ratio Lower Upper

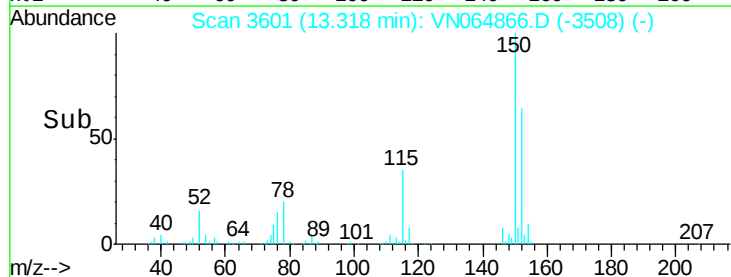
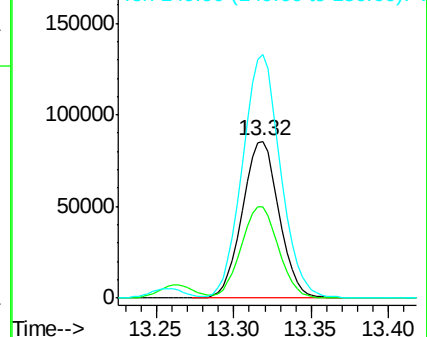
152 100

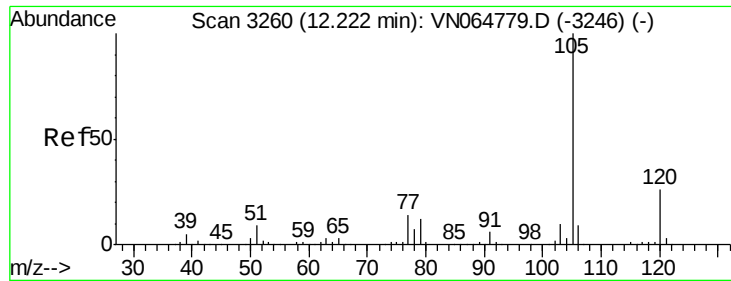
115 59.3 29.7 89.1

150 161.0 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: 18.025 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

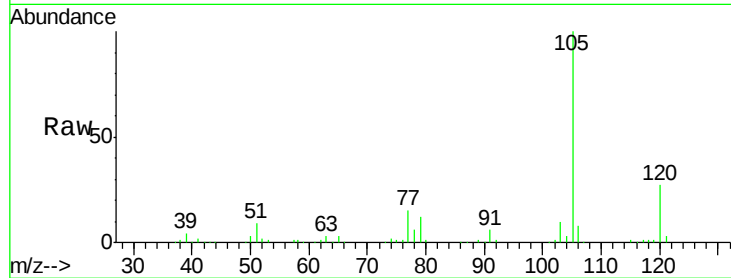
VN1130MBSD01

Tot Ion:105 Resp: 177663

Ion Ratio Lower Upper

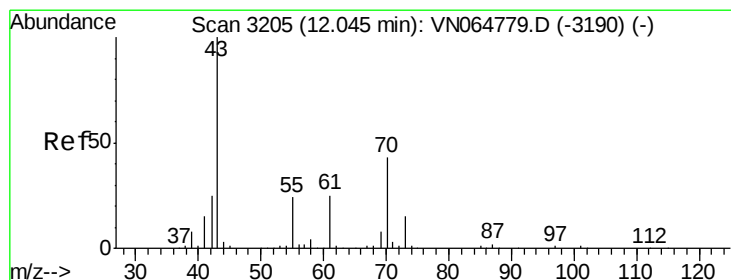
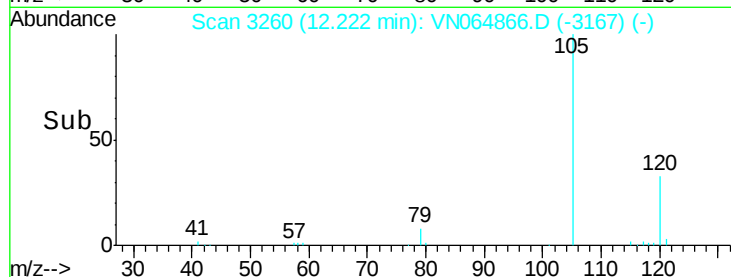
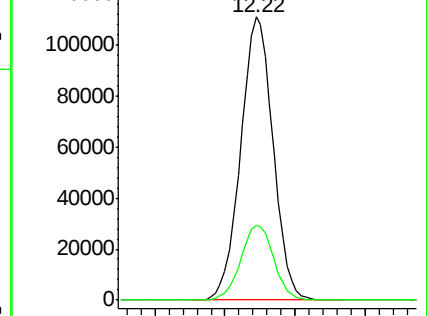
105 100

120 26.9 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: 16.729 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Tgt Ion: 43 Resp: 64891

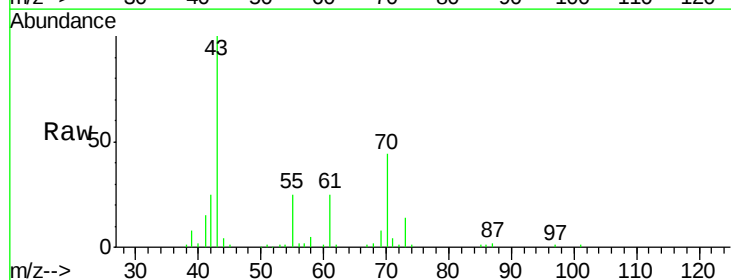
Ion Ratio Lower Upper

43 100

70 44.9 34.5 51.7

55 26.5 20.4 30.6

61 24.4 20.0 30.0

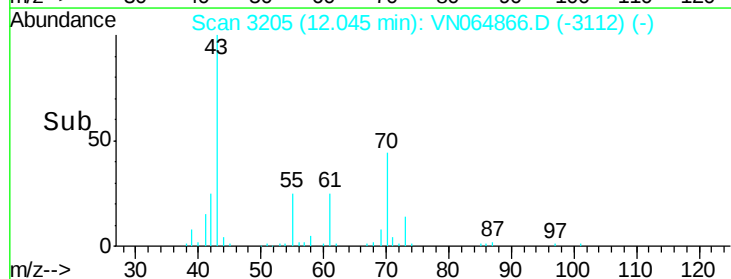
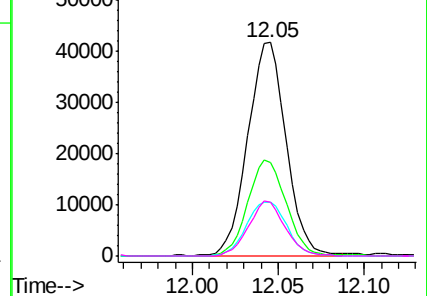


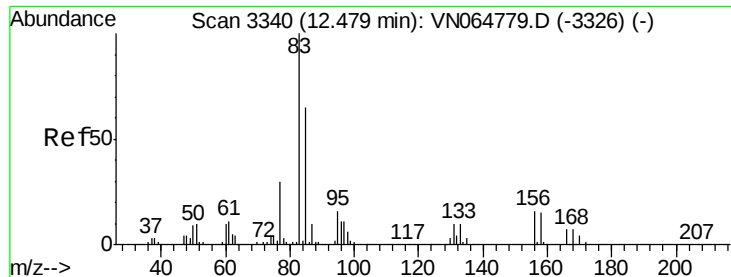
Abundance Ion 43.00 (42.70 to 43.70): V

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: 16.724 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBSD01

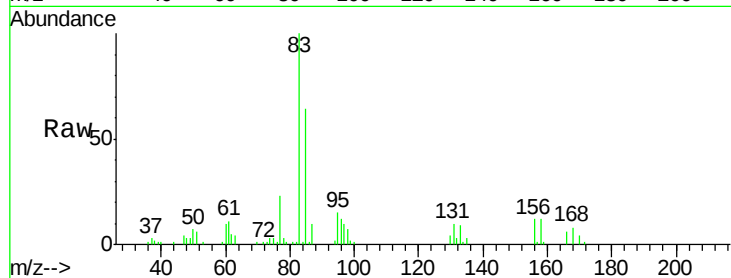
Tot Ion: 83 Resp: 48315

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

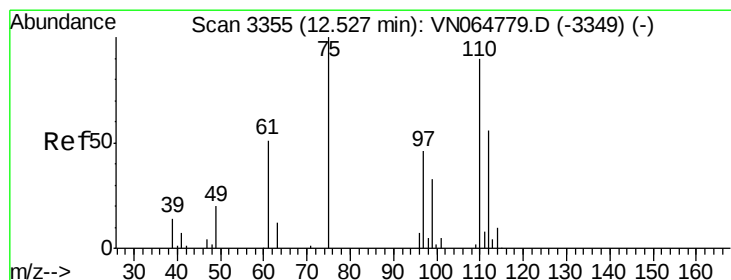
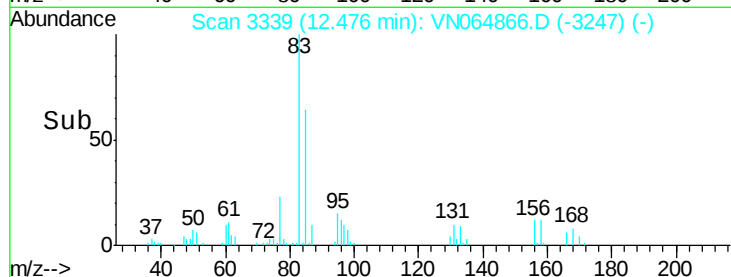
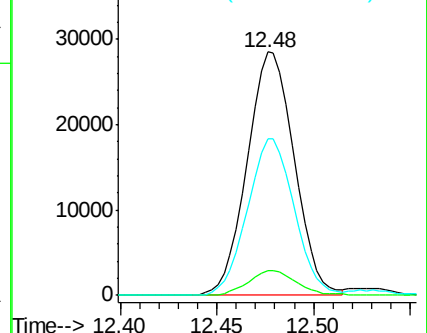
85 64.1 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 23.822 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064866.D

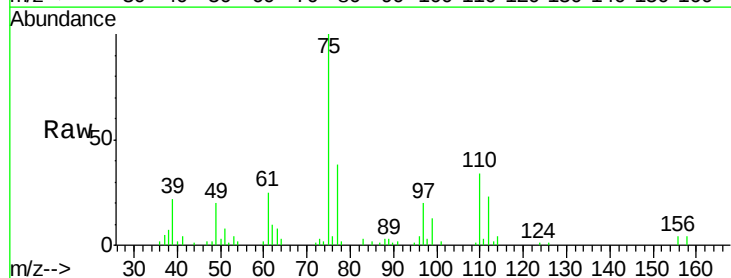
Acq: 30 Nov 2020 12:32

Tgt Ion: 75 Resp: 72698

Ion Ratio Lower Upper

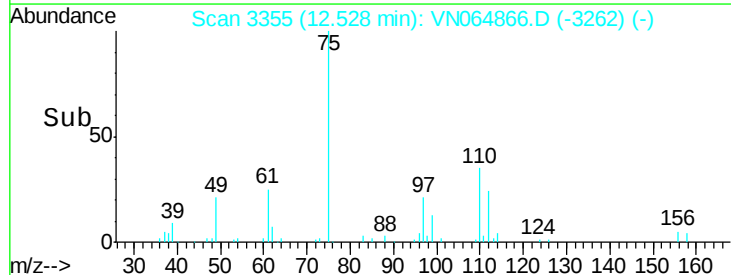
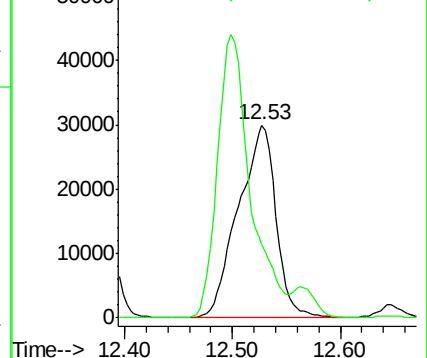
75 100

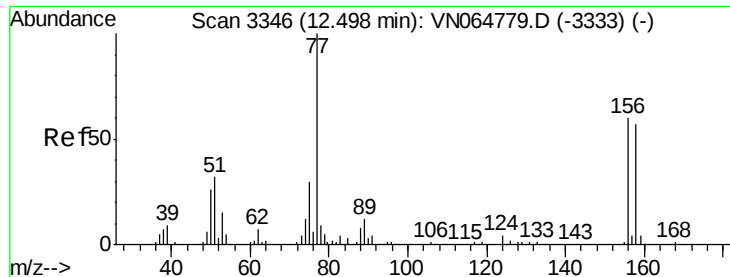
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)





#77

Bromobenzene

Concen: 17.769 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBSD01

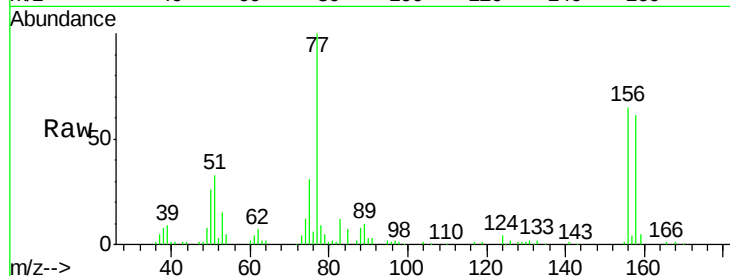
Tot Ion:156 Resp: 47218

Ion Ratio Lower Upper

156 100

77 197.1 101.3 303.7

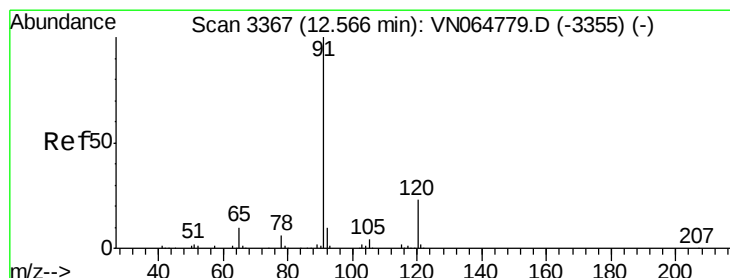
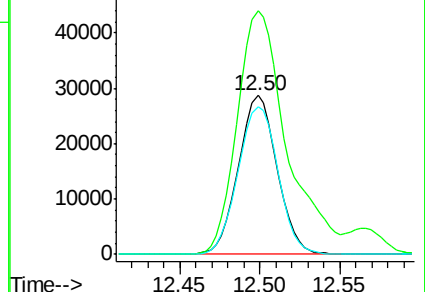
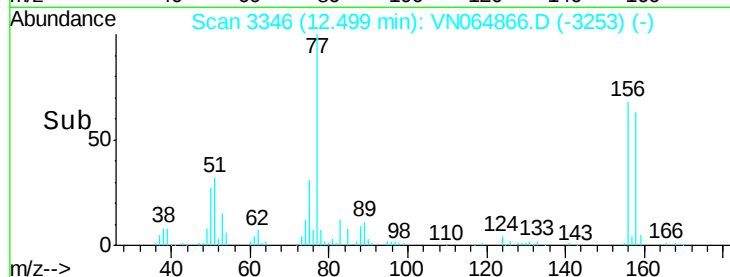
158 96.1 48.2 144.6



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: 17.932 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064866.D

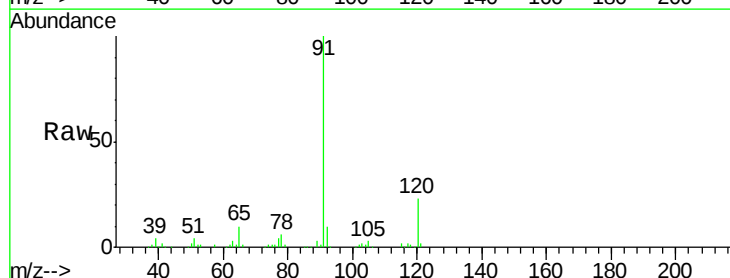
Acq: 30 Nov 2020 12:32

Tgt Ion: 91 Resp: 201346

Ion Ratio Lower Upper

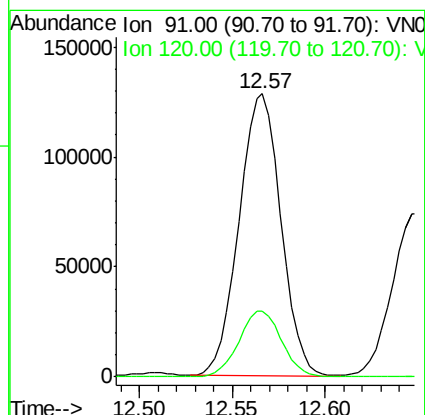
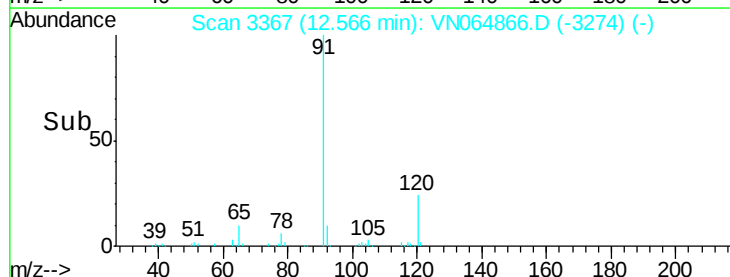
91 100

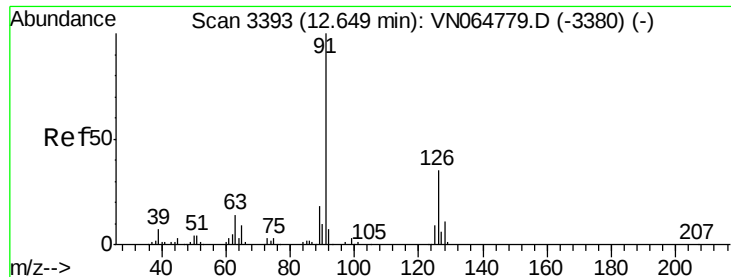
120 23.8 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.497 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampled :

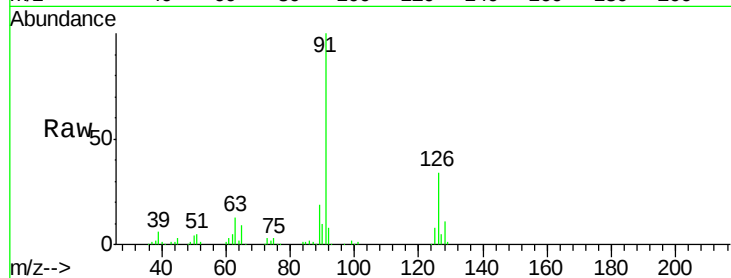
VN1130MBSD01

Tot Ion: 91 Resp: 121442

Ion Ratio Lower Upper

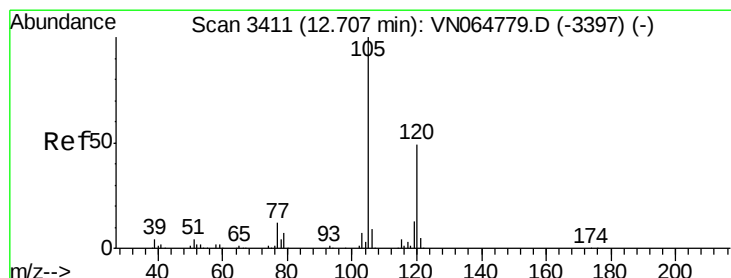
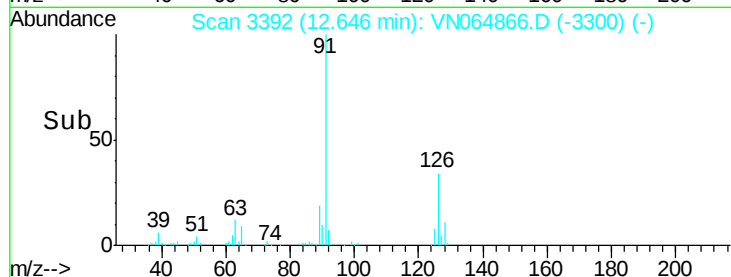
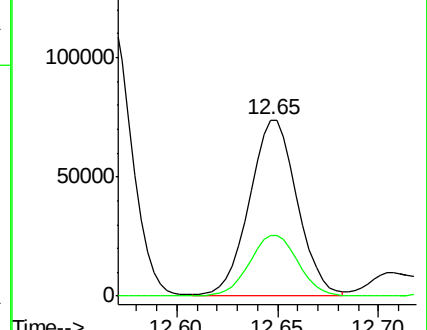
91 100

126 35.6 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.633 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064866.D

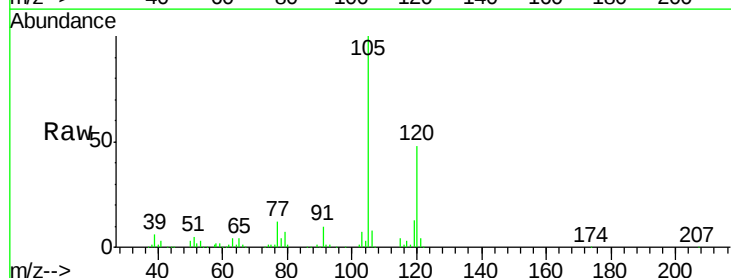
Acq: 30 Nov 2020 12:32

Tgt Ion: 105 Resp: 152659

Ion Ratio Lower Upper

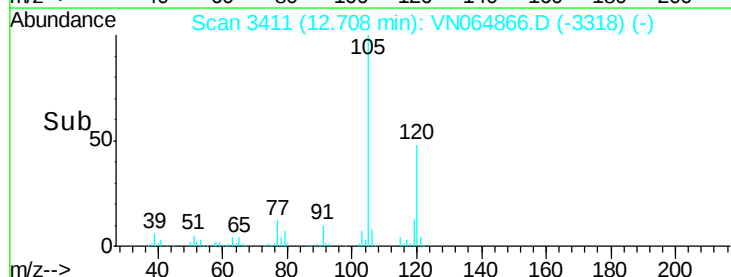
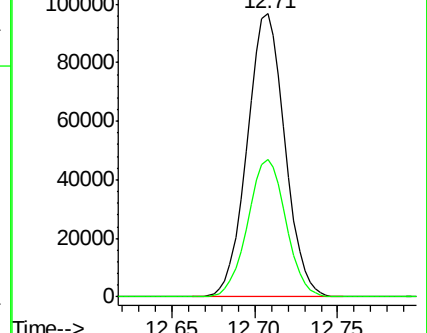
105 100

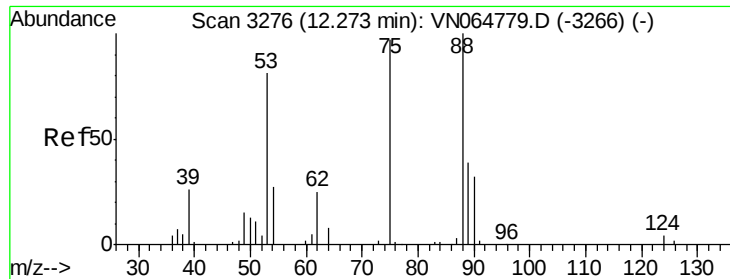
120 49.2 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.108 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBSD01

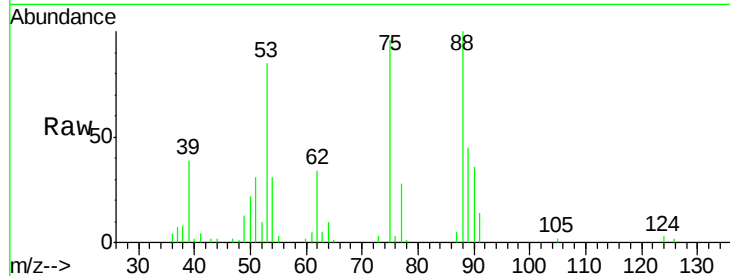
Tot Ion: 75 Resp: 17936

Ion Ratio Lower Upper

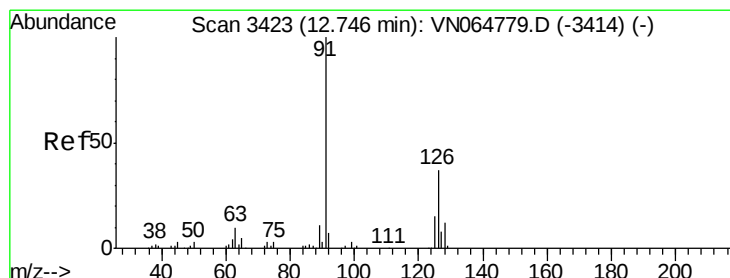
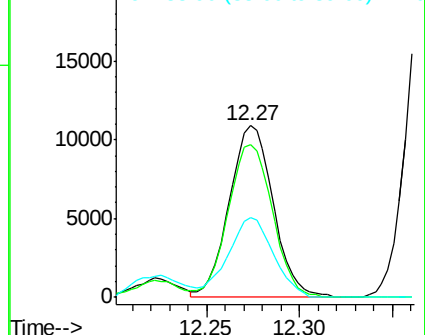
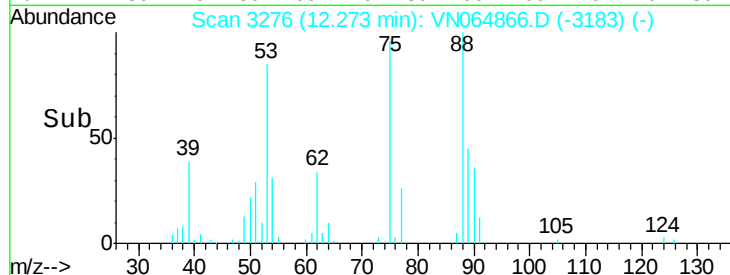
75 100

53 90.0 67.0 100.4

89 47.9 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN064866.D (-3183) (-)



#82

4-Chlorotoluene

Concen: 17.570 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064866.D

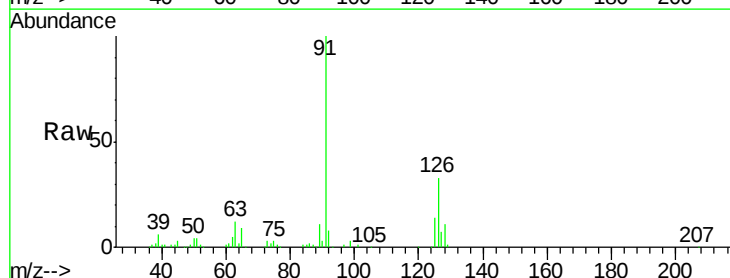
Acq: 30 Nov 2020 12:32

Tgt Ion: 91 Resp: 127826

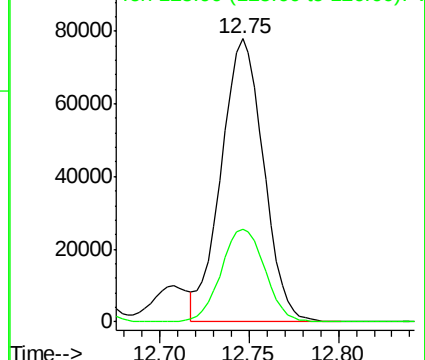
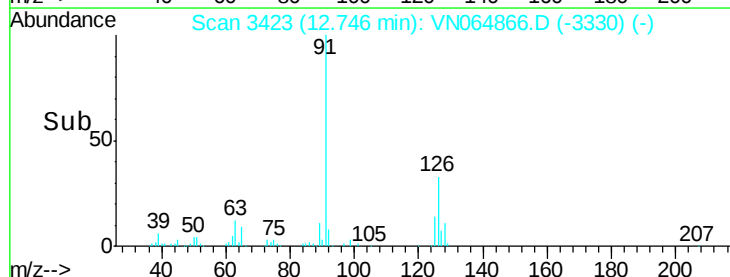
Ion Ratio Lower Upper

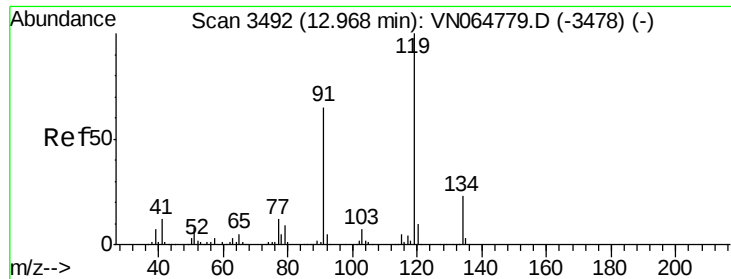
91 100

126 34.1 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN064866.D (-3330) (-)

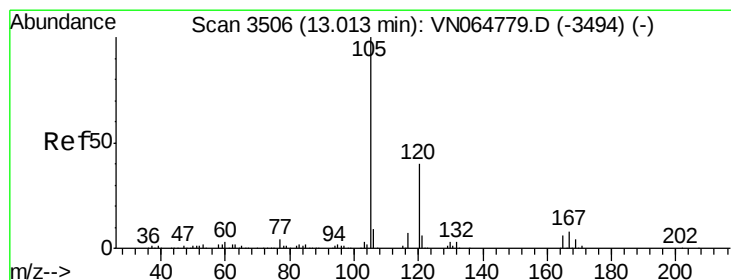
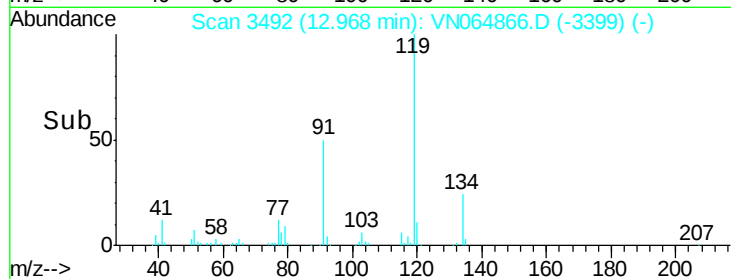
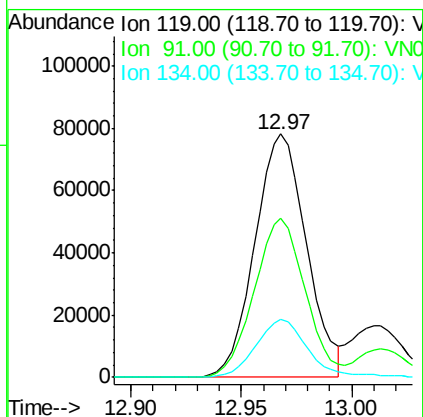
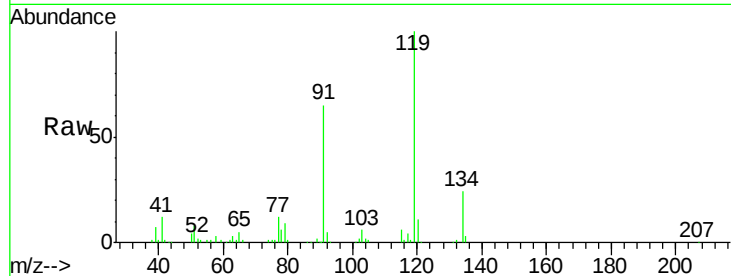




#83
 tert-Butylbenzene
 Concen: 18.479 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

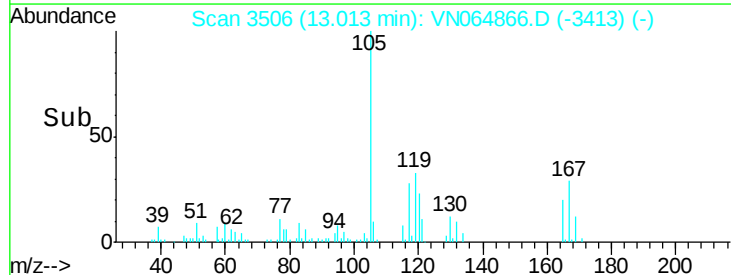
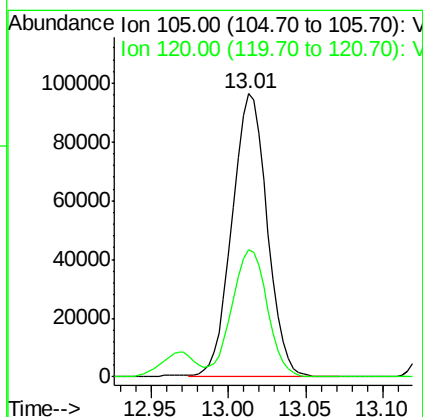
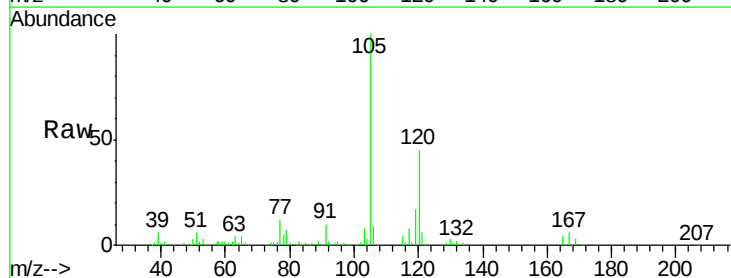
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBSD01

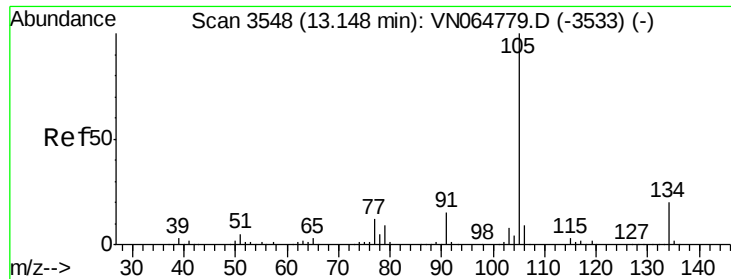
Tot Ion:119 Resp: 126899
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.3 96.8
 134 24.1 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 18.370 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

Tgt Ion:105 Resp: 152169
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.1 69.2

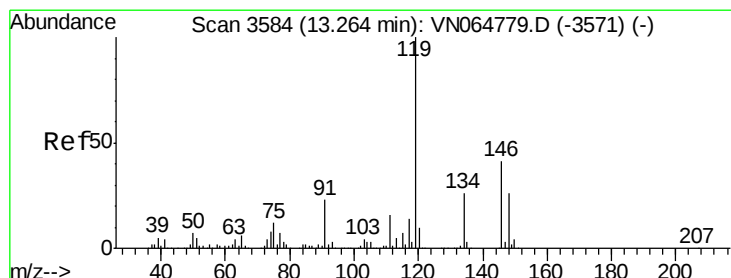
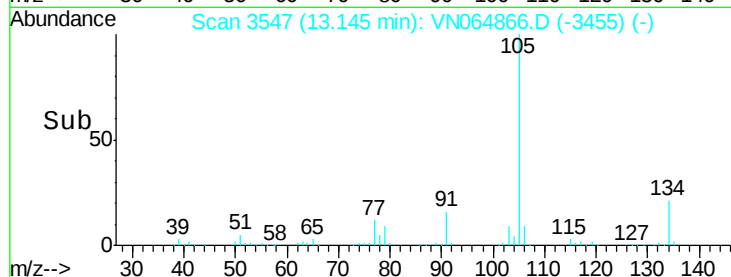
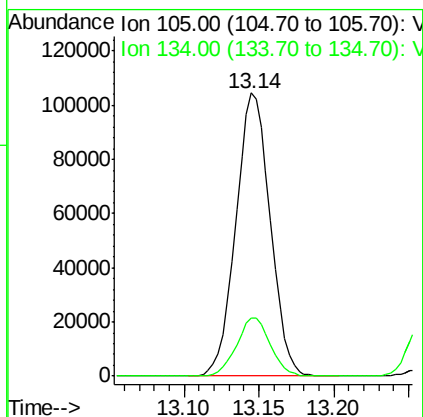
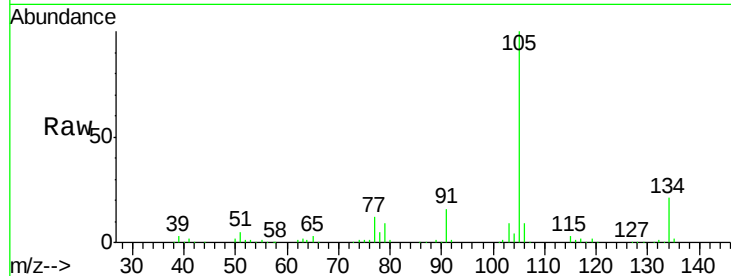




#85
 sec-Butylbenzene
 Concen: 18.298 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

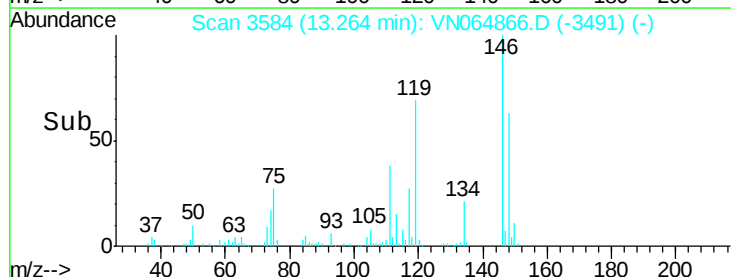
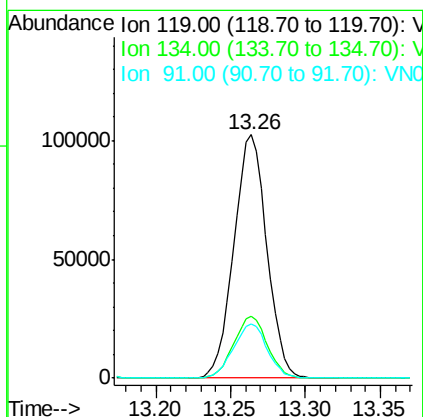
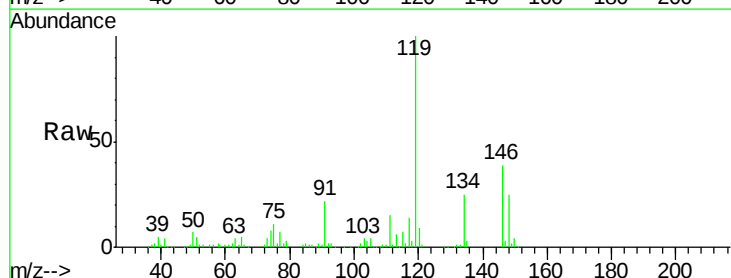
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBSD01

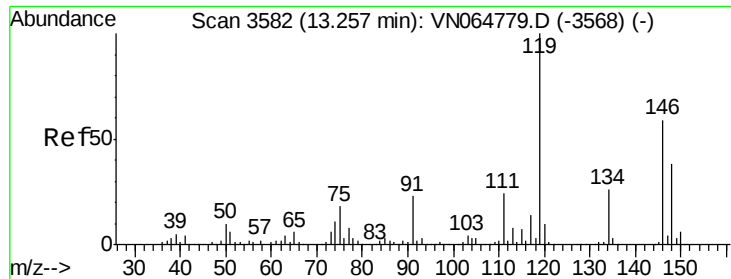
Tot Ion:105 Resp: 166834
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.938 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

Tgt Ion:119 Resp: 157202
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 22.7 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 17.443 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBS01

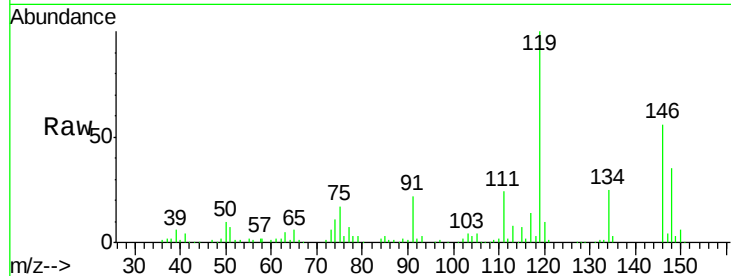
Tot Ion:146 Resp: 82352

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.9

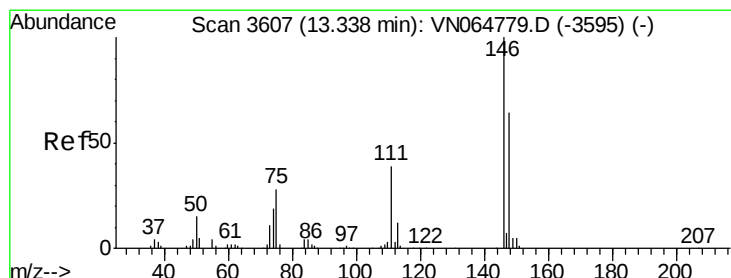
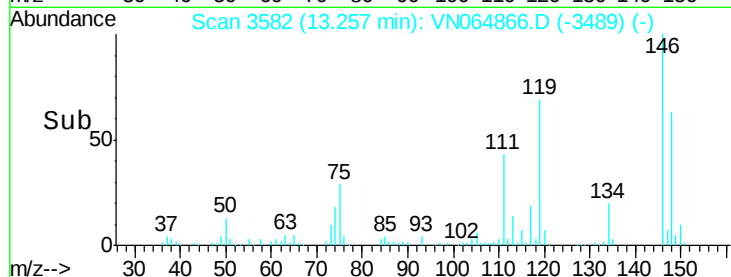
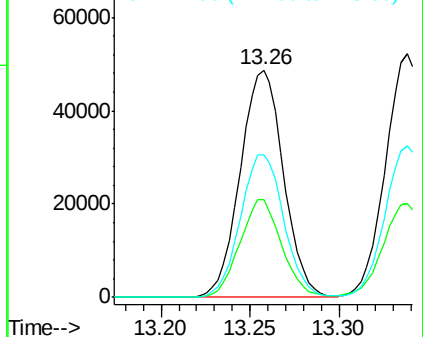
148 63.1 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 16.997 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

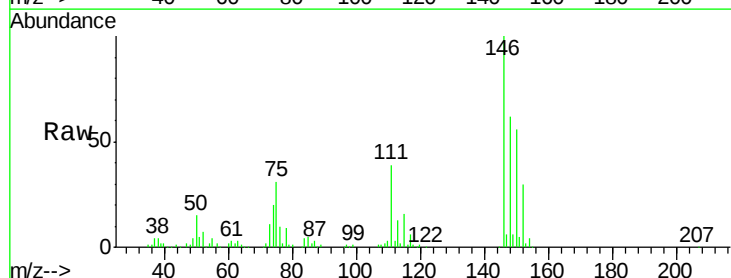
Tgt Ion:146 Resp: 84866

Ion Ratio Lower Upper

146 100

111 40.7 19.8 59.3

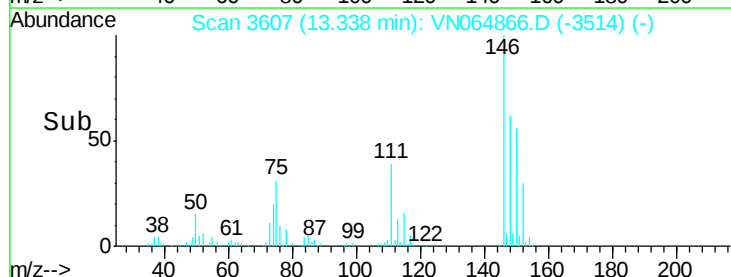
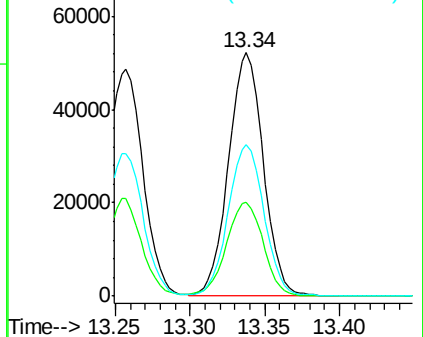
148 64.0 31.9 95.5

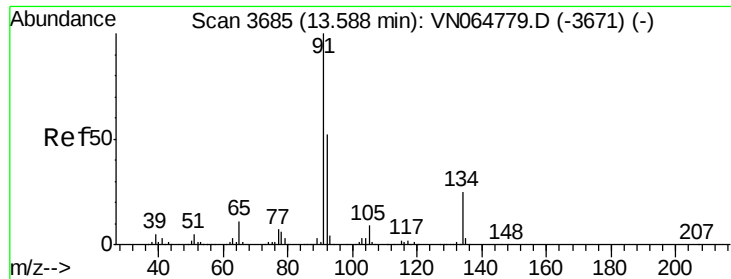


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.915 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064866.D

Acq: 30 Nov 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1130MBSD01

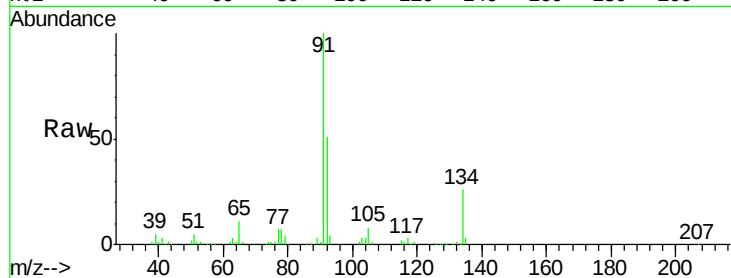
Tot Ion: 91 Resp: 130597

Ion Ratio Lower Upper

91 100

92 50.7 26.0 78.0

134 25.2 12.9 38.6

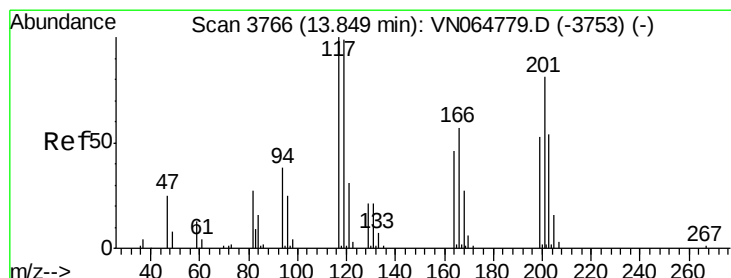
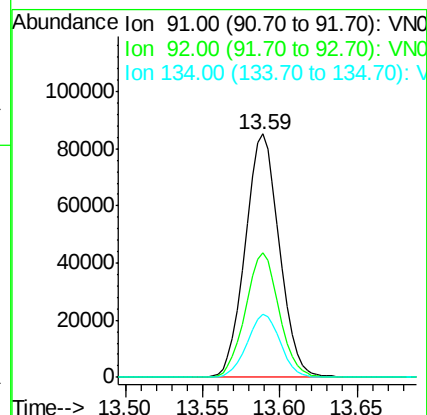
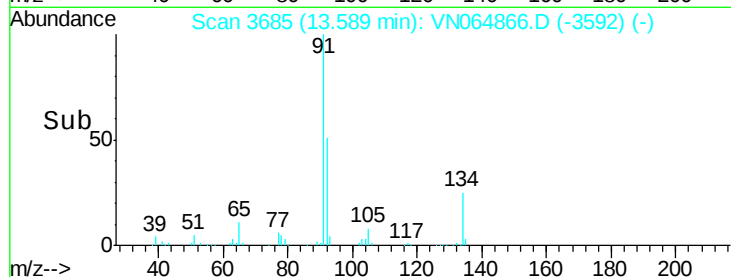


Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN064779.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN064779.D (-3671) (-)

Time-->



#90

Hexachloroethane

Concen: 17.603 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064866.D

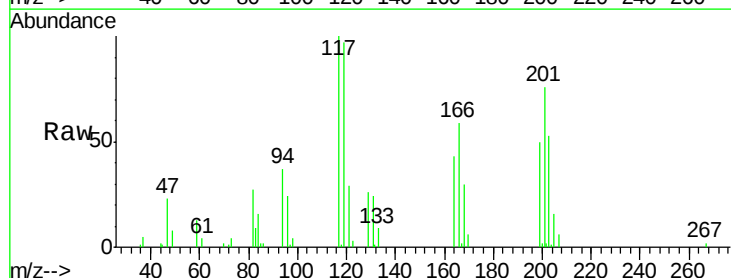
Acq: 30 Nov 2020 12:32

Tgt Ion: 117 Resp: 25384

Ion Ratio Lower Upper

117 100

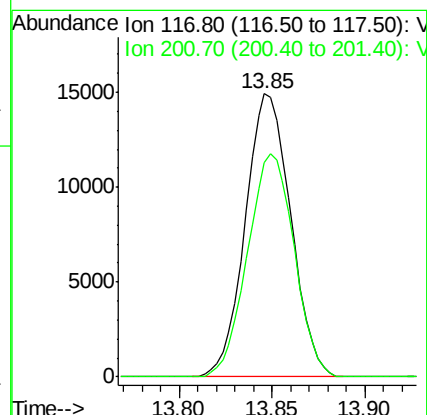
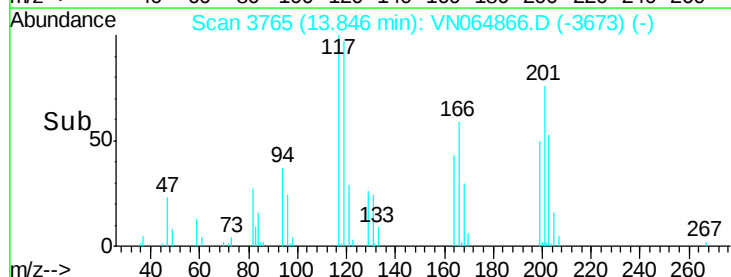
201 80.9 40.1 120.3

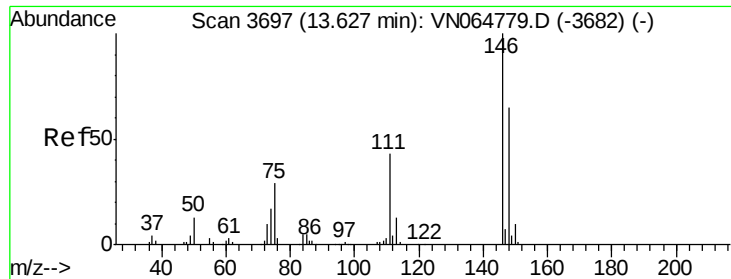


Abundance Ion 116.80 (116.50 to 117.50): VN064779.D (-3753) (-)

Ion 200.70 (200.40 to 201.40): VN064779.D (-3753) (-)

Time-->

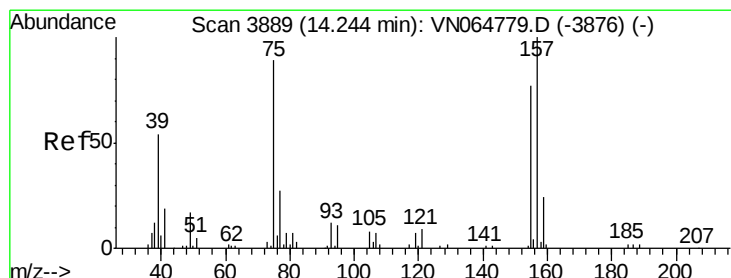
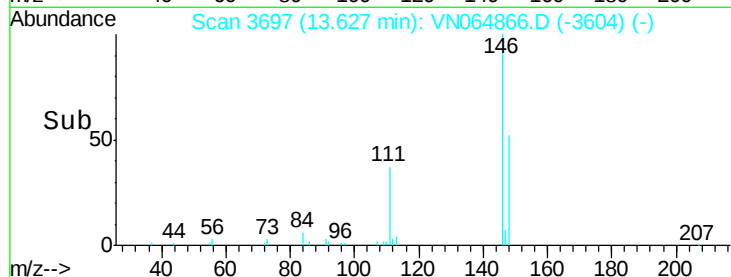
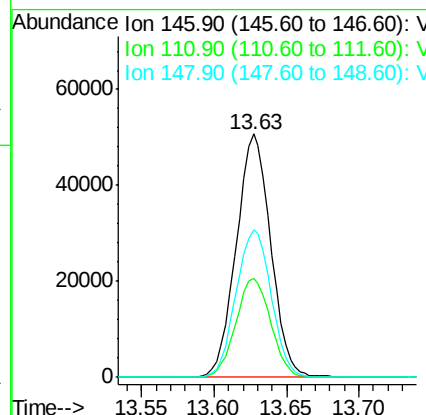
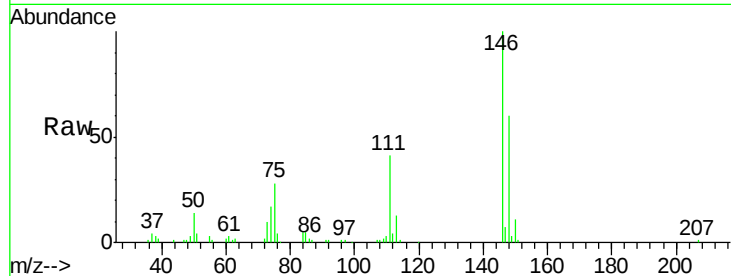




#91
 1,2-Dichlorobenzene
 Concen: 18.074 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

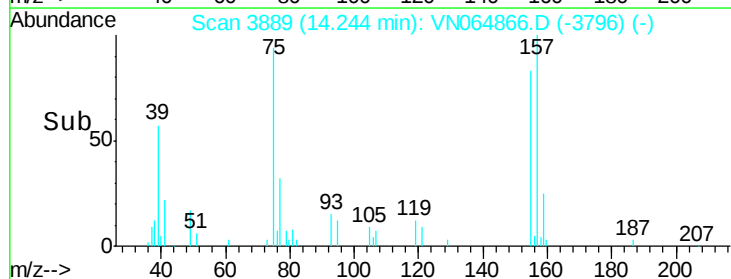
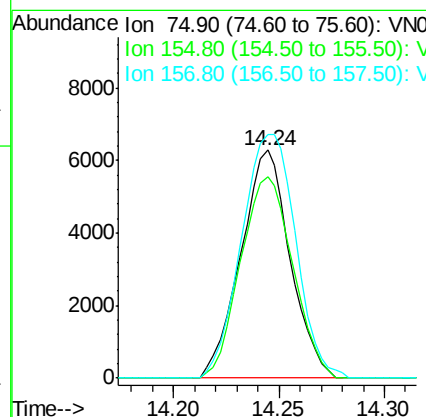
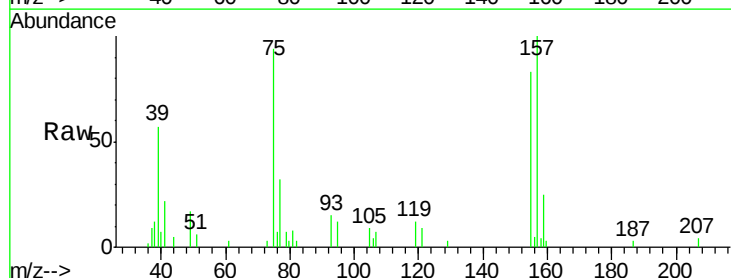
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBSD01

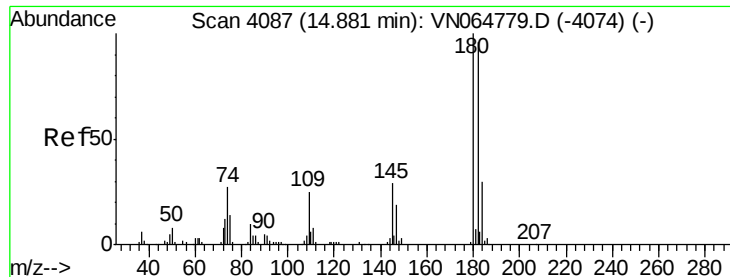
Tot Ion:146 Resp: 83784
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.1 63.1
 148 61.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.722 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

Tgt Ion: 75 Resp: 10220
 Ion Ratio Lower Upper
 75 100
 155 93.4 42.8 128.3
 157 117.7 56.4 169.1

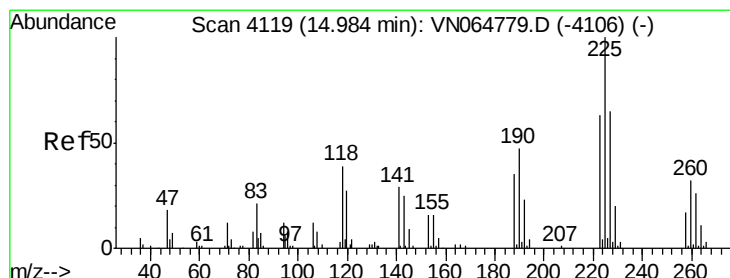
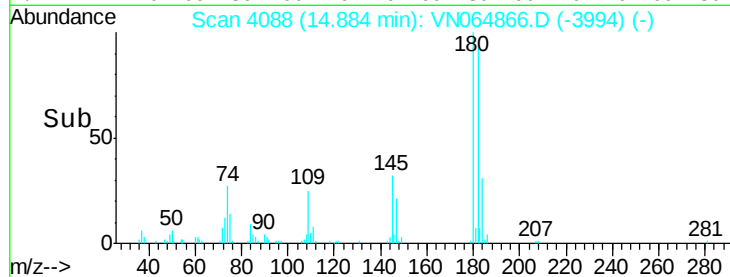
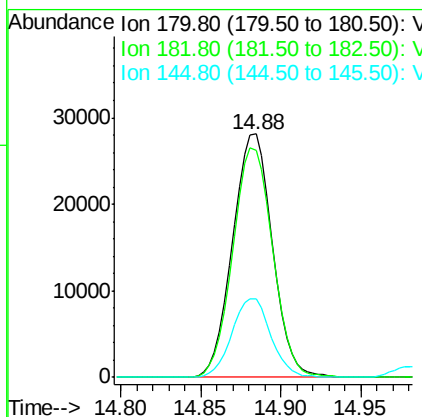
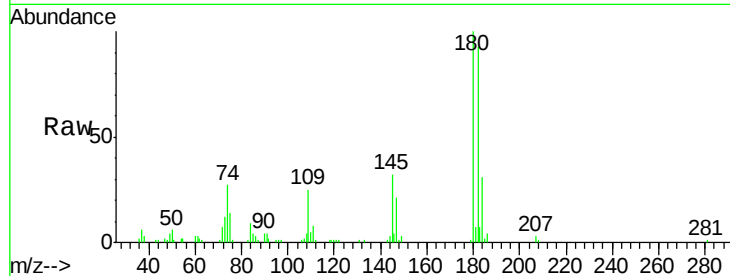




#93
 1,2,4-Trichlorobenzene
 Concen: 16.583 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

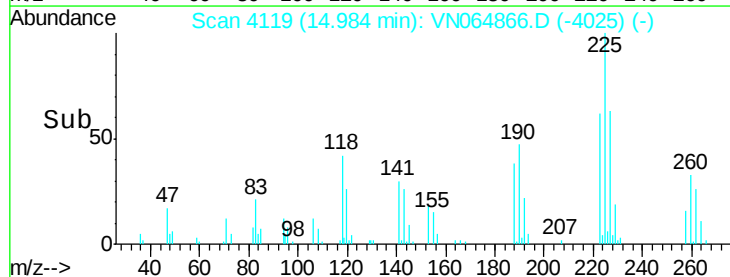
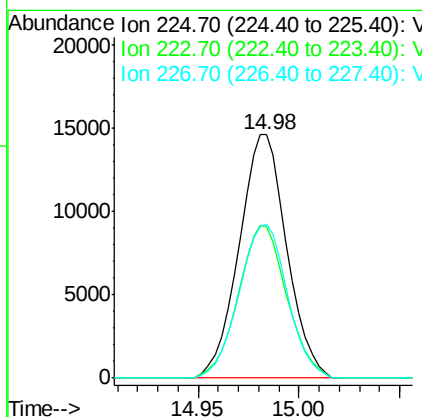
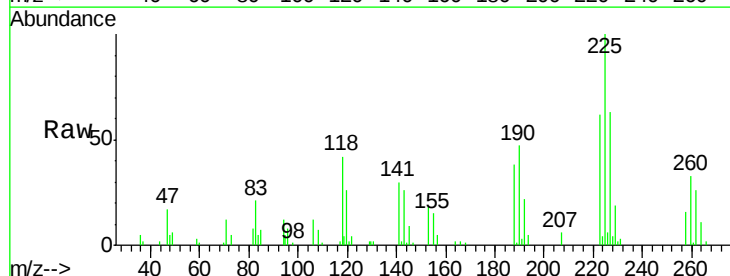
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1130MBSD01

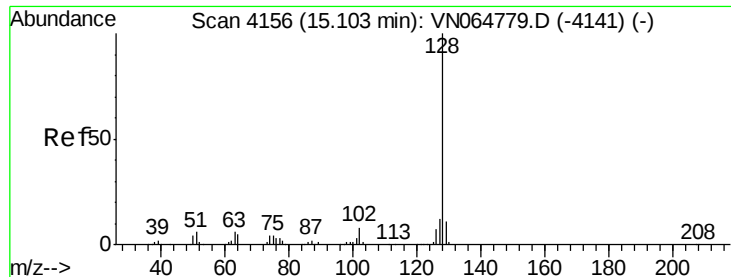
Tot Ion:180 Resp: 47555
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.6 142.9
 145 31.7 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 18.851 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064866.D
 Acq: 30 Nov 2020 12:32

Tgt Ion:225 Resp: 24042
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.0 93.0
 227 64.3 32.0 96.0

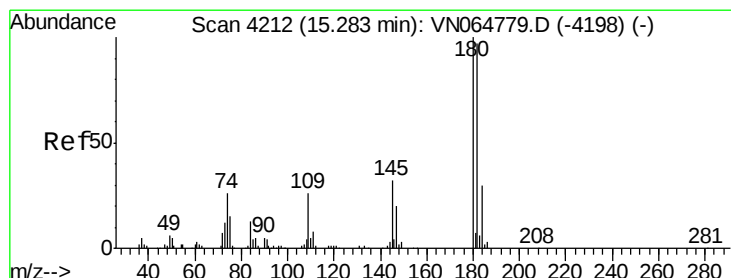
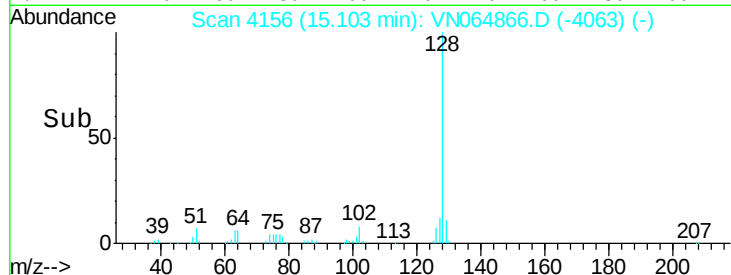
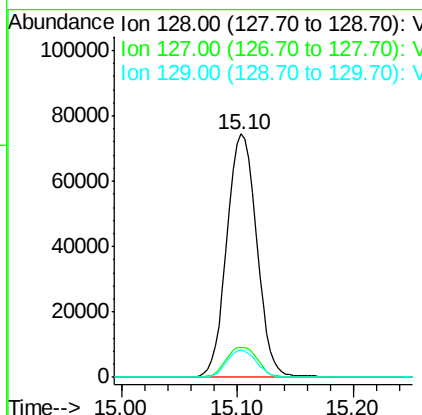
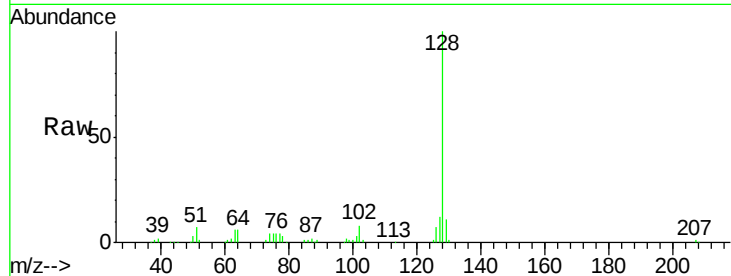




#95
Naphthalene
Concen: 15.471 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1130MBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.001 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064866.D
Acq: 30 Nov 2020 12:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	48.1	144.4
145	31.6	16.4	49.1

