

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064652.D
 Acq On : 16 Nov 2020 10:47
 Operator : JC/MD
 Sample : VN1116WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

Quant Time: Nov 17 03:38:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	298491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	515326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	484245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222499	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	258465	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	7.55	113	179752	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.06	98	668906	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.38	95	236372	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	68298	17.577	ug/l	98
3) Chloromethane	2.04	50	73307	15.532	ug/l	96
4) Vinyl Chloride	2.17	62	84218	17.377	ug/l	100
5) Bromomethane	2.54	94	59643	19.263	ug/l	99
6) Chloroethane	2.68	64	54852	17.677	ug/l	100
7) Trichlorofluoromethane	2.99	101	142306	19.940	ug/l	96
8) Diethyl Ether	3.38	74	47487	18.842	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	65212	19.242	ug/l	94
10) Methyl Iodide	3.91	142	70489	17.900	ug/l	99
11) Tert butyl alcohol	4.75	59	48557	84.687	ug/l	100
12) 1,1-Dichloroethene	3.69	96	57436	17.992	ug/l	96
13) Acrolein	3.57	56	17708	49.790	ug/l	95
14) Allyl chloride	4.27	41	101661	16.279	ug/l	95
15) Acrylonitrile	4.93	53	142738	89.416	ug/l	97
16) Acetone	3.78	43	180601	91.190	ug/l	100
17) Carbon Disulfide	4.01	76	161670	16.935	ug/l	98
18) Methyl Acetate	4.28	43	70475	18.100	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	194173	16.900	ug/l	99
20) Methylene Chloride	4.50	84	68668	17.475	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	60763	16.764	ug/l	97
22) Diisopropyl ether	5.90	45	218323	16.470	ug/l	94
23) Vinyl Acetate	5.85	43	885170	82.084	ug/l	98
24) 1,1-Dichloroethane	5.79	63	129656	17.799	ug/l	98
25) 2-Butanone	6.79	43	212594	84.248	ug/l	99
26) 2,2-Dichloropropane	6.77	77	119605	18.138	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	72237	17.199	ug/l	96
28) Bromochloromethane	7.15	49	62977	17.589	ug/l	97
29) Tetrahydrofuran	7.17	42	130729	84.440	ug/l	98
30) Chloroform	7.33	83	140960	18.410	ug/l	96
31) Cyclohexane	7.61	56	98537	15.591	ug/l	# 89
32) 1,1,1-Trichloroethane	7.52	97	123031	18.116	ug/l	100
36) 1,1-Dichloropropene	7.75	75	98360	18.067	ug/l	98
37) Ethyl Acetate	6.88	43	86273	16.138	ug/l	98
38) Carbon Tetrachloride	7.73	117	109347	18.794	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064652.D
 Acq On : 16 Nov 2020 10:47
 Operator : JC/MD
 Sample : VN1116WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

Quant Time: Nov 17 03:38:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	83535	17.117	ug/l	98
40) Benzene	8.00	78	282493	17.659	ug/l	99
41) Methacrylonitrile	7.12	41	34629	14.347	ug/l	97
42) 1,2-Dichloroethane	8.08	62	123774	19.172	ug/l	98
43) Isopropyl Acetate	8.13	43	149965	16.998	ug/l	98
44) Trichloroethene	8.80	130	73206	18.138	ug/l	96
45) 1,2-Dichloropropane	9.08	63	78150	18.309	ug/l	99
46) Dibromomethane	9.17	93	53698	19.110	ug/l	97
47) Bromodichloromethane	9.37	83	114356	18.927	ug/l	99
48) Methyl methacrylate	9.17	41	73695	16.554	ug/l	99
49) 1,4-Dioxane	9.17	88	20972	357.654	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	462601	89.912	ug/l	98
52) Toluene	10.12	92	174665	17.901	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	113901	17.782	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	122976	17.957	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	71722	18.848	ug/l	97
56) Ethyl methacrylate	10.40	69	88078	15.391	ug/l	95
57) 1,3-Dichloropropane	10.68	76	123237	18.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	240665	95.882	ug/l	97
59) 2-Hexanone	10.72	43	326339	80.558	ug/l	99
60) Dibromochloromethane	10.87	129	81704	19.178	ug/l	99
61) 1,2-Dibromoethane	10.98	107	73523	19.049	ug/l	97
64) Tetrachloroethene	10.60	164	69661	18.675	ug/l	98
65) Chlorobenzene	11.41	112	186463	17.565	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	74586	18.833	ug/l	98
67) Ethyl Benzene	11.48	91	328061	17.374	ug/l	99
68) m/p-Xylenes	11.59	106	238303	34.799	ug/l	97
69) o-Xylene	11.92	106	111404	16.835	ug/l	99
70) Styrene	11.94	104	195765	17.581	ug/l	99
71) Bromoform	12.10	173	50359	17.778	ug/l #	98
73) Isopropylbenzene	12.22	105	301586	17.053	ug/l	100
74) N-amyl acetate	12.05	43	120526	14.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	98197	18.078	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	136239	25.272	ug/l #	100
77) Bromobenzene	12.50	156	74054	17.151	ug/l	99
78) n-propylbenzene	12.57	91	353164	17.516	ug/l	100
79) 2-Chlorotoluene	12.65	91	218691	17.102	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	256954	17.612	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	29752	15.409	ug/l	85
82) 4-Chlorotoluene	12.75	91	236238	17.640	ug/l	99
83) tert-Butylbenzene	12.97	119	196873	17.278	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	260527	17.763	ug/l	99
85) sec-Butylbenzene	13.14	105	265540	18.401	ug/l	99
86) p-Isopropyltoluene	13.26	119	232621	17.921	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	133422	17.876	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	131884	17.099	ug/l	98
89) n-Butylbenzene	13.59	91	197634	17.708	ug/l	99
90) Hexachloroethane	13.85	117	49042	19.586	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	130589	18.190	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20263	18.736	ug/l	96

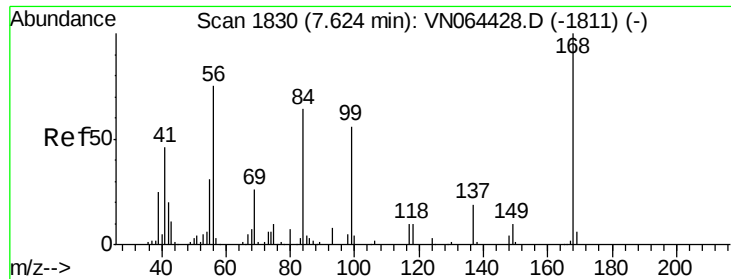
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
Data File : VN064652.D
Acq On : 16 Nov 2020 10:47
Operator : JC/MD
Sample : VN1116WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

Quant Time: Nov 17 03:38:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	52045	16.464	ug/l	96
94) Hexachlorobutadiene	14.98	225	31957	21.863	ug/l	97
95) Naphthalene	15.10	128	148455	14.907	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	53030	17.276	ug/l	97

(#) = 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: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

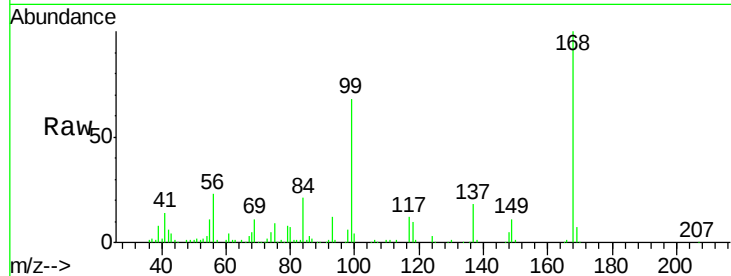
VN1116MBS01

Tot Ion:168 Resp: 298491

Ion Ratio Lower Upper

168 100

99 67.4 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

150000

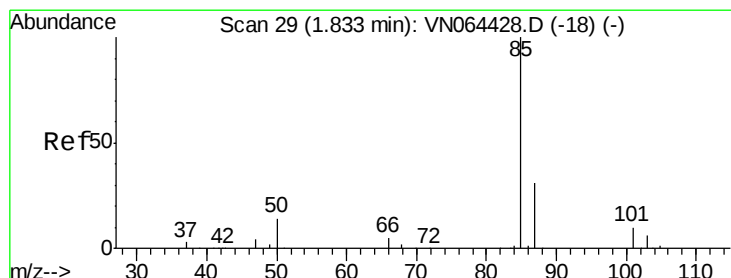
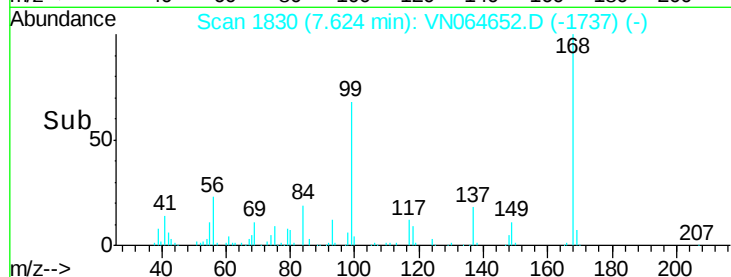
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.577 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064652.D

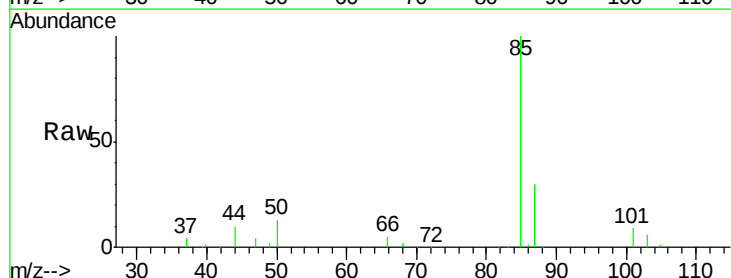
Acq: 16 Nov 2020 10:47

Tgt Ion: 85 Resp: 68298

Ion Ratio Lower Upper

85 100

87 30.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

60000

50000

40000

30000

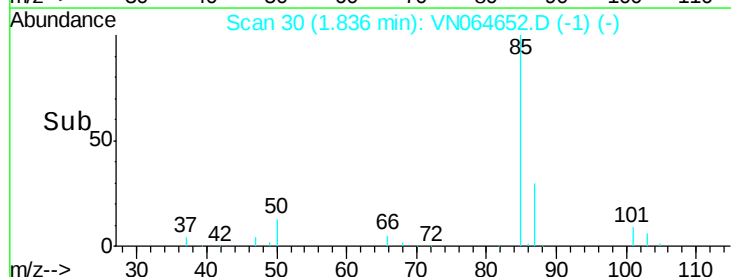
20000

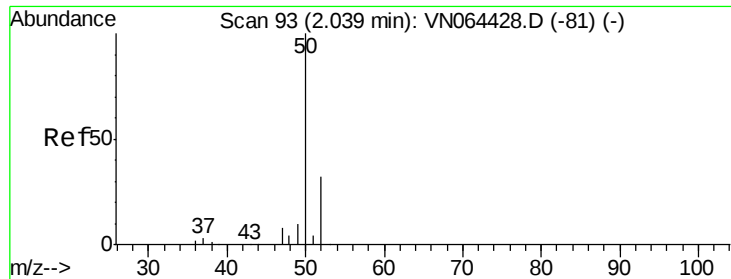
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 15.532 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

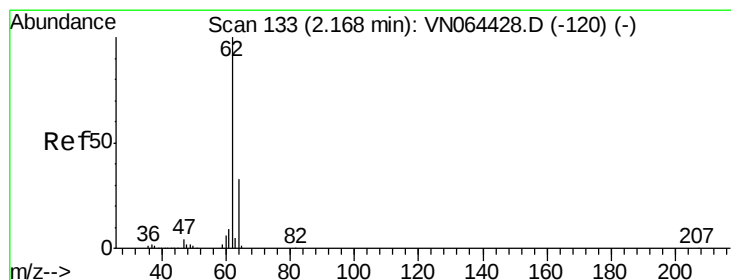
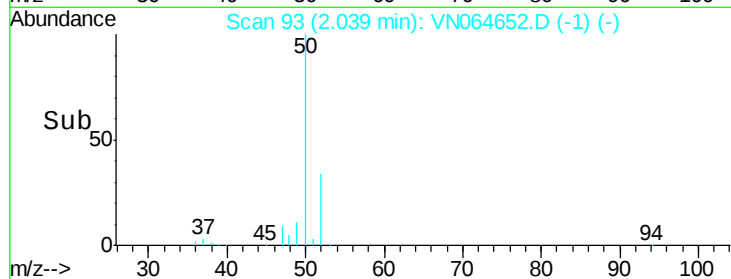
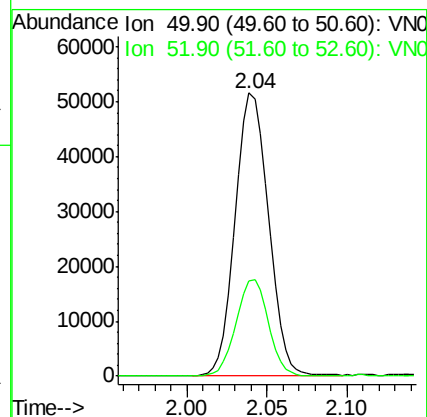
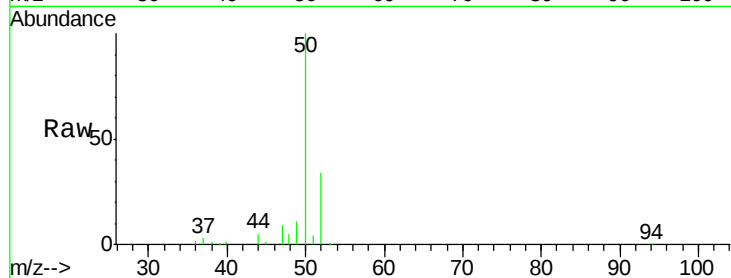
VN1116MBS01

Tot Ion: 50 Resp: 73307

Ion Ratio Lower Upper

50 100

52 33.7 25.3 37.9



#4

Vinyl Chloride

Concen: 17.377 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064652.D

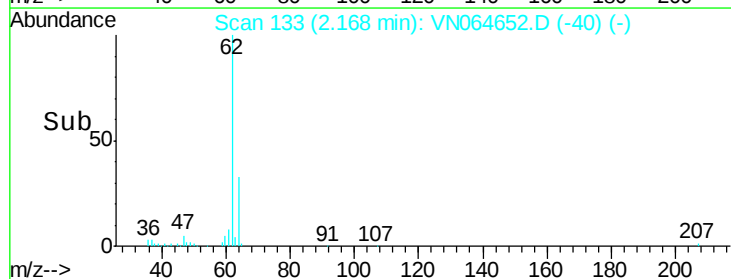
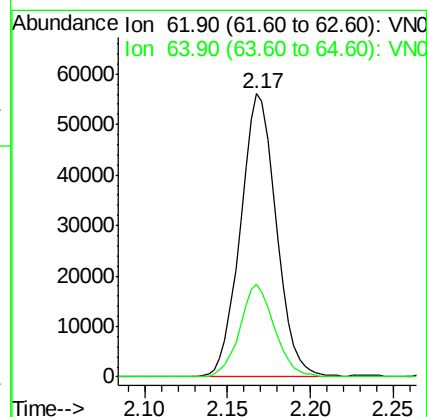
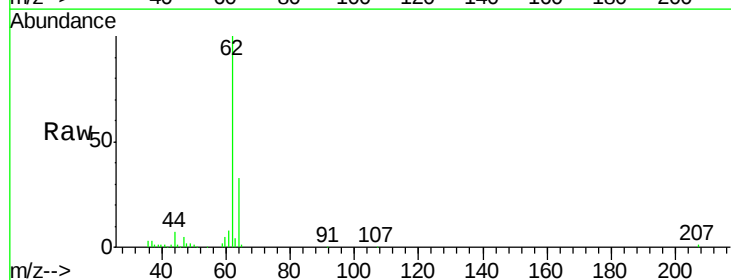
Acq: 16 Nov 2020 10:47

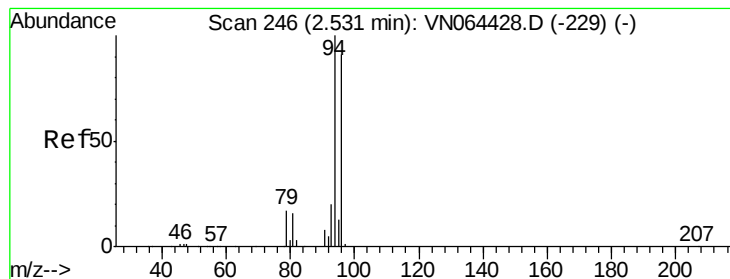
Tgt Ion: 62 Resp: 84218

Ion Ratio Lower Upper

62 100

64 32.6 26.3 39.5





#5

Bromomethane

Concen: 19.263 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

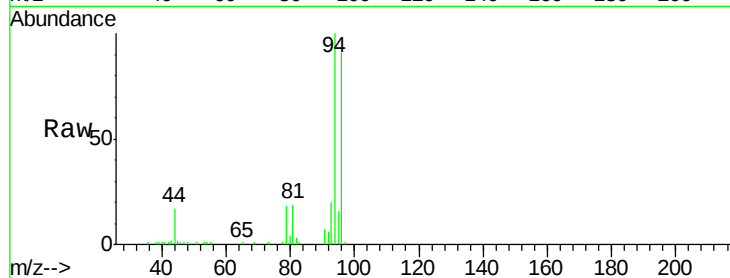
VN1116MBS01

Tot Ion: 94 Resp: 59643

Ion Ratio Lower Upper

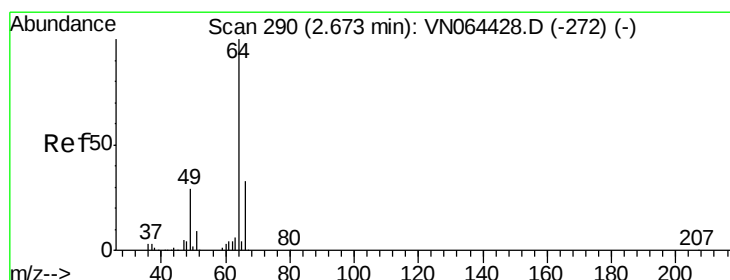
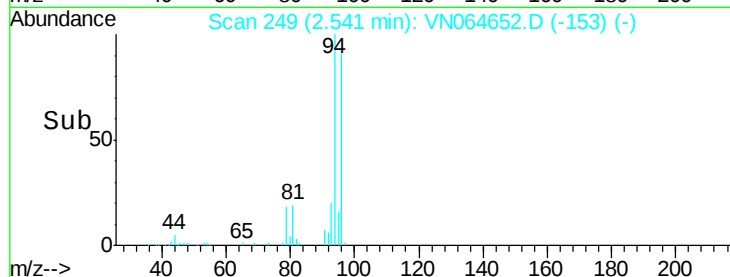
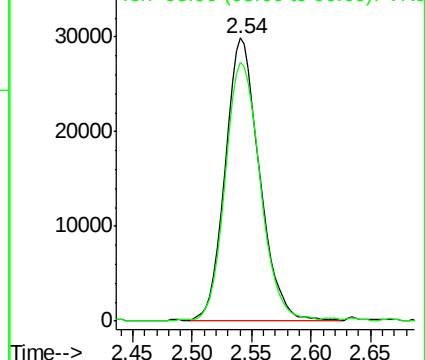
94 100

96 90.8 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.677 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064652.D

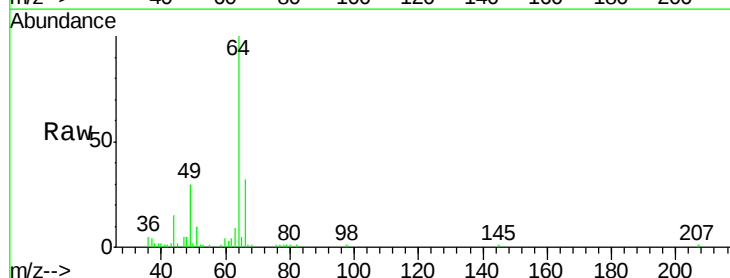
Acq: 16 Nov 2020 10:47

Tgt Ion: 64 Resp: 54852

Ion Ratio Lower Upper

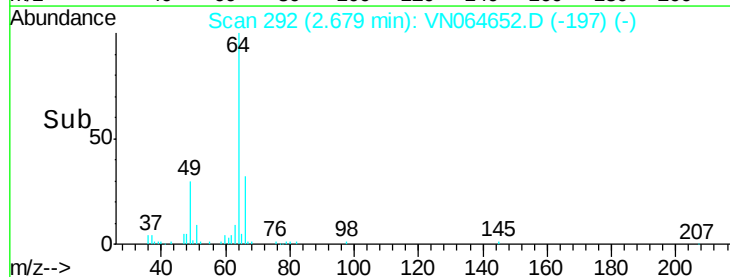
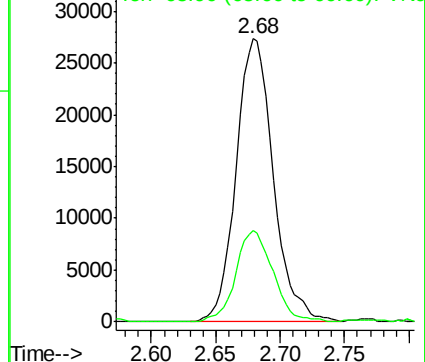
64 100

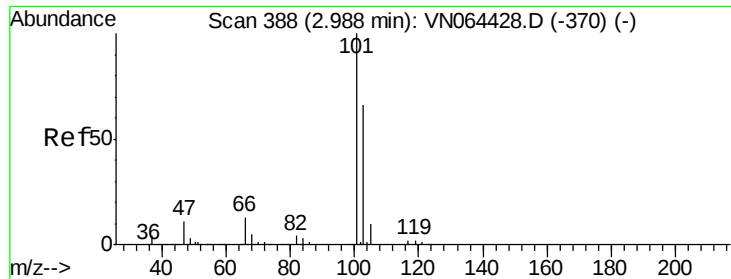
66 32.5 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



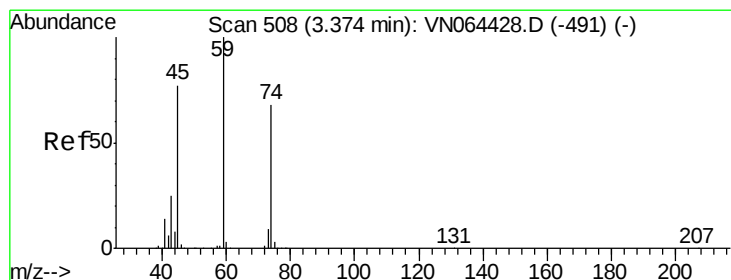
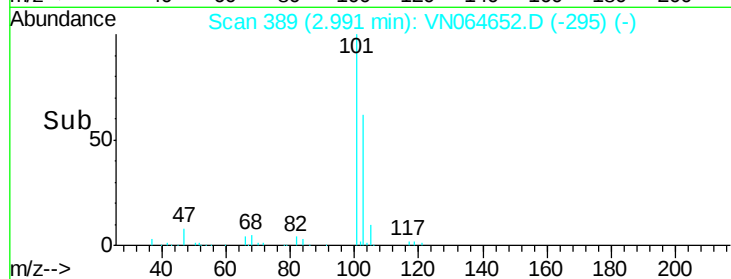
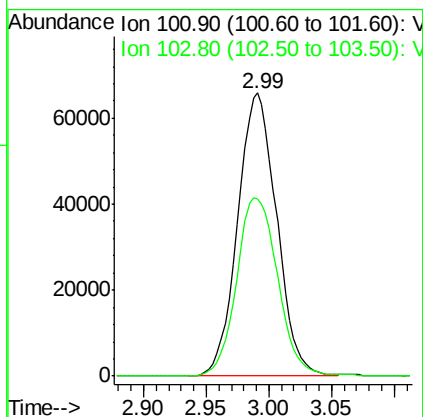
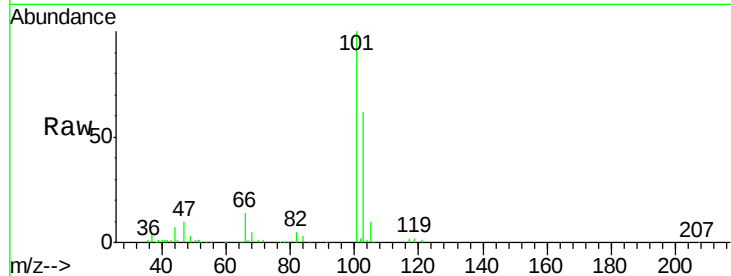


#7

Trichlorofluoromethane
 Concen: 19.940 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

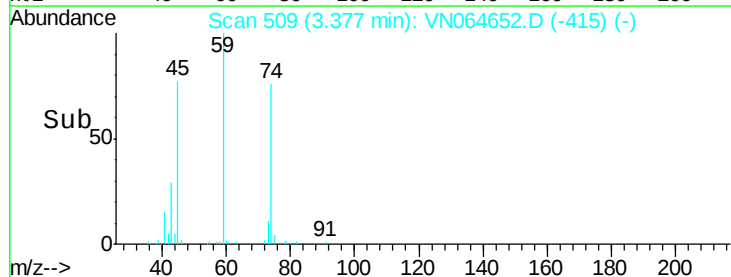
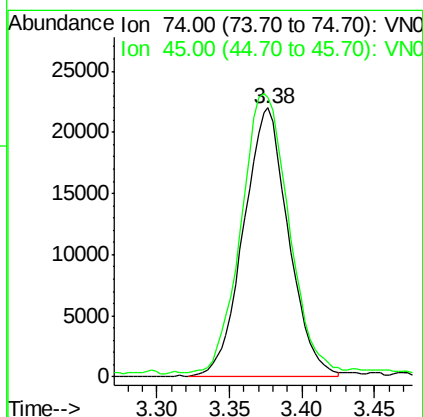
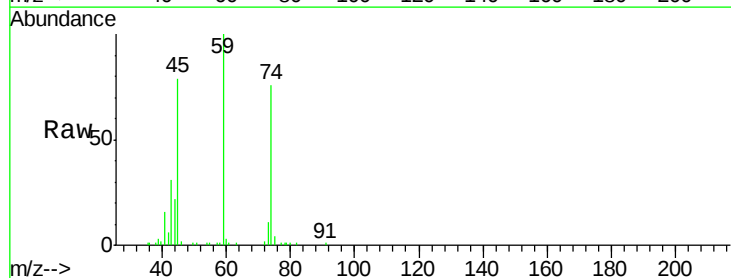
Tot Ion:101 Resp: 142306
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.4 78.6

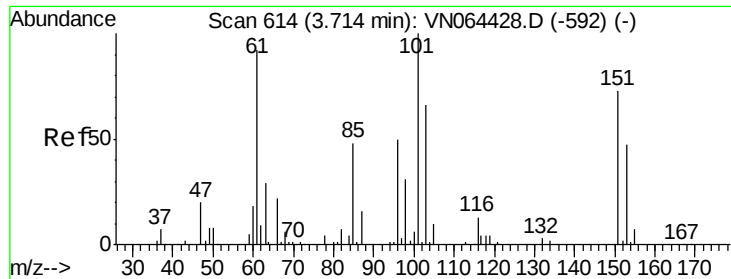


#8

Diethyl Ether
 Concen: 18.842 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

Tgt Ion: 74 Resp: 47487
 Ion Ratio Lower Upper
 74 100
 45 109.4 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.242 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN1116MBS01

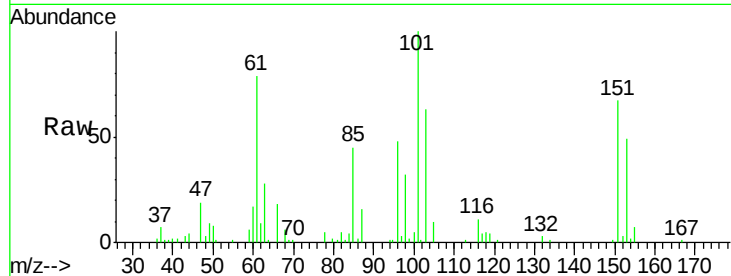
Tot Ion:101 Resp: 65212

Ion Ratio Lower Upper

101 100

85 45.6 38.6 57.8

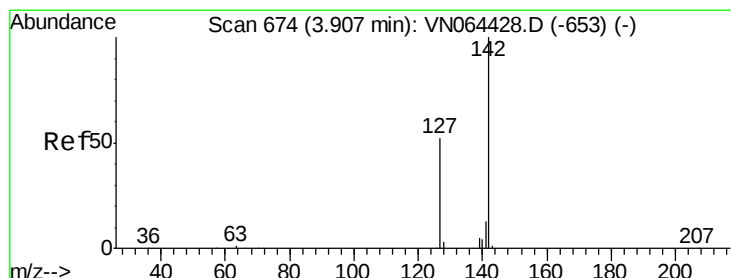
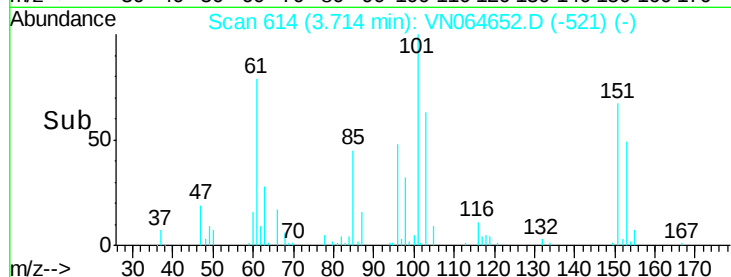
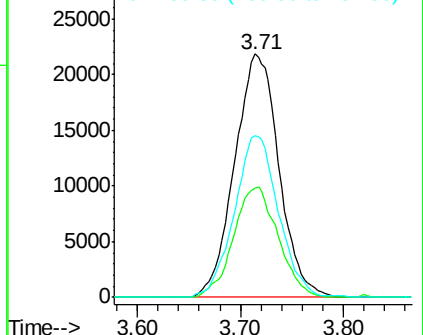
151 66.1 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.900 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

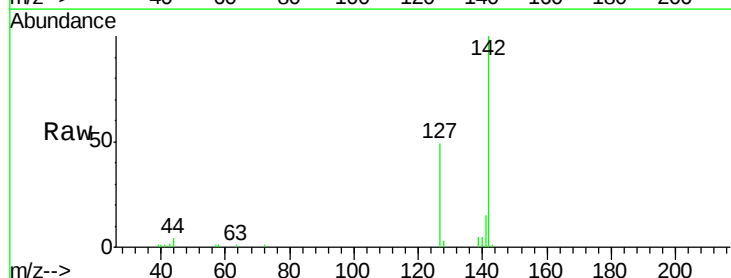
Tgt Ion:142 Resp: 70489

Ion Ratio Lower Upper

142 100

127 51.6 41.8 62.8

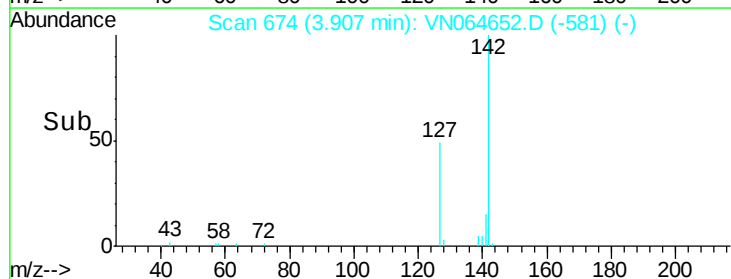
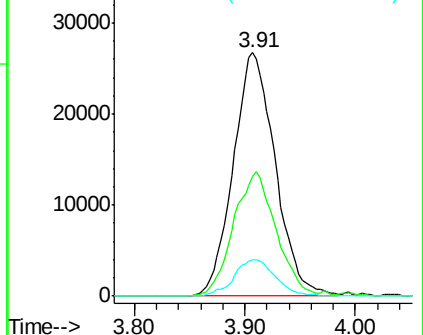
141 14.8 11.4 17.2

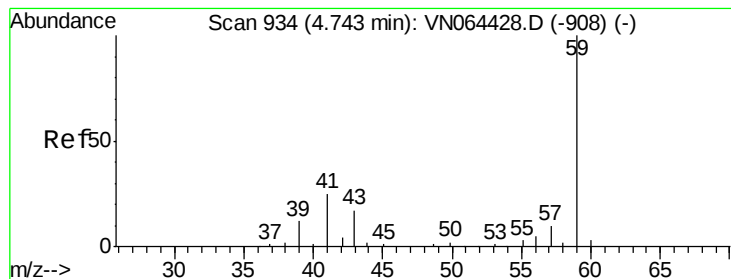


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 84.687 ug/l

RT: 4.75 min Scan# 935

Delta R.T. 0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

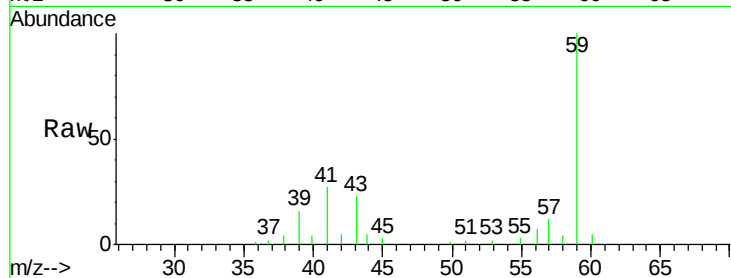
VN1116MBS01

Tot Ion: 59 Resp: 48557

Ion Ratio Lower Upper

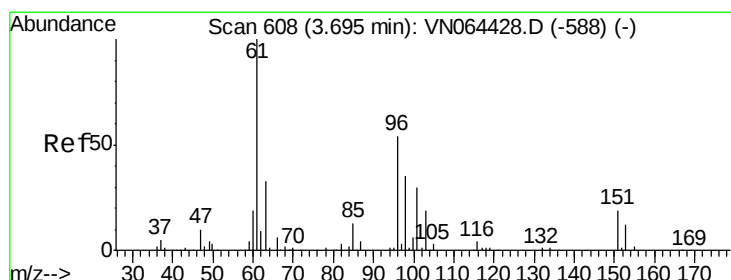
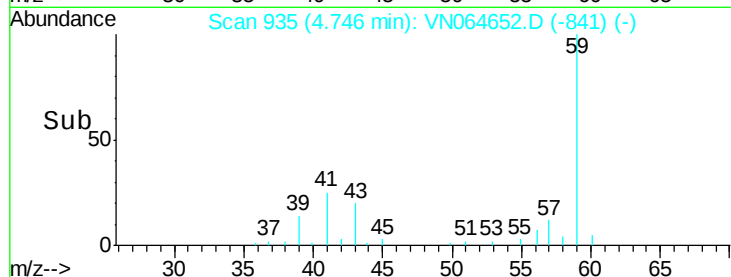
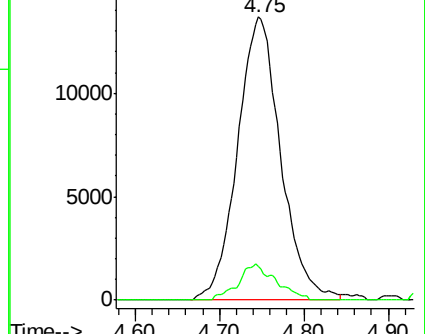
59 100

57 11.2 9.0 13.4



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 17.992 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

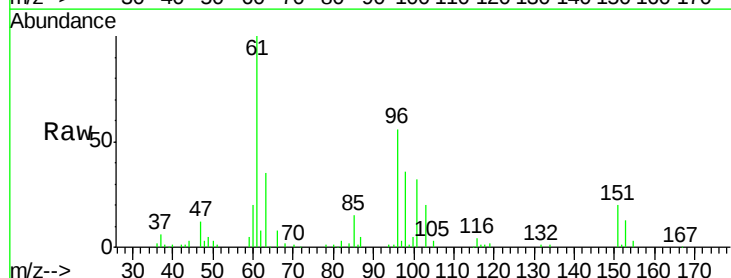
Tgt Ion: 96 Resp: 57436

Ion Ratio Lower Upper

96 100

61 179.2 149.5 224.3

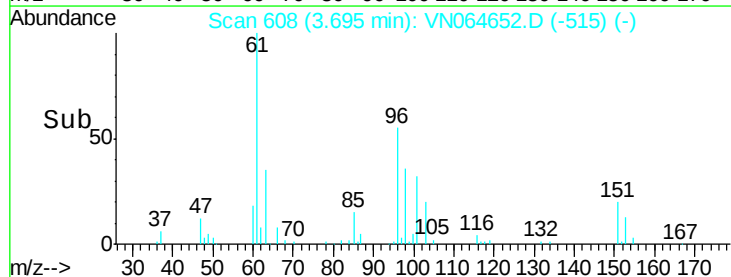
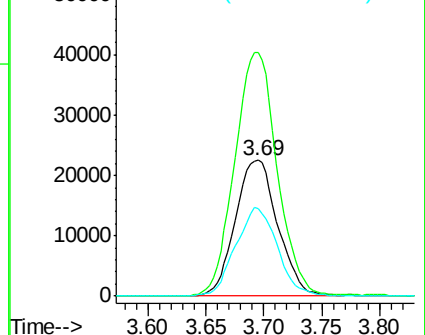
98 64.6 52.4 78.6

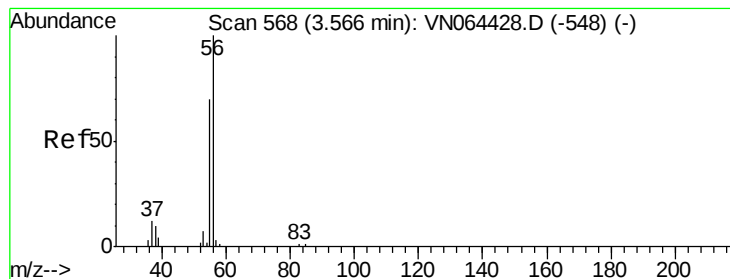


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 49.790 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

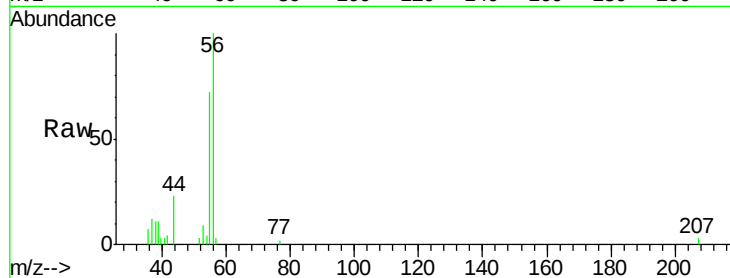
VN1116MBS01

Tot Ion: 56 Resp: 17708

Ion Ratio Lower Upper

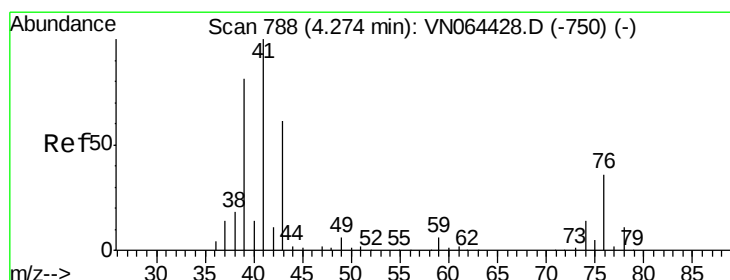
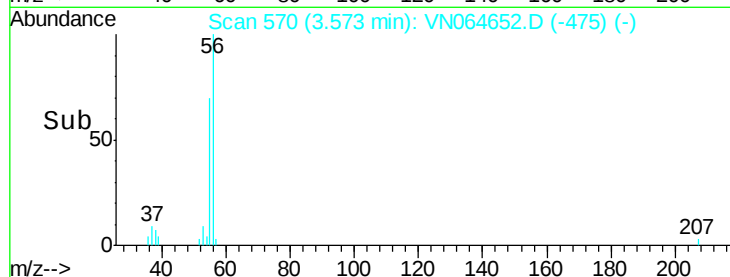
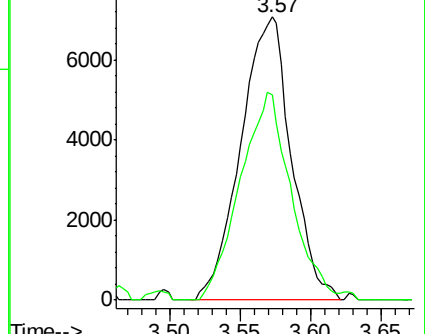
56 100

55 73.8 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN064428.D (-548) (-)

Ion 55.00 (54.70 to 55.70): VN064428.D (-548) (-)



#14

Allyl chloride

Concen: 16.279 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

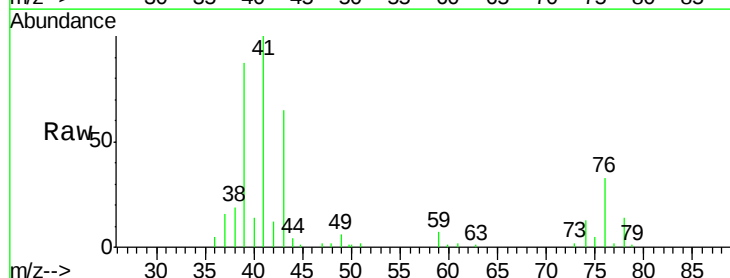
Tgt Ion: 41 Resp: 101661

Ion Ratio Lower Upper

41 100

39 82.5 61.8 92.8

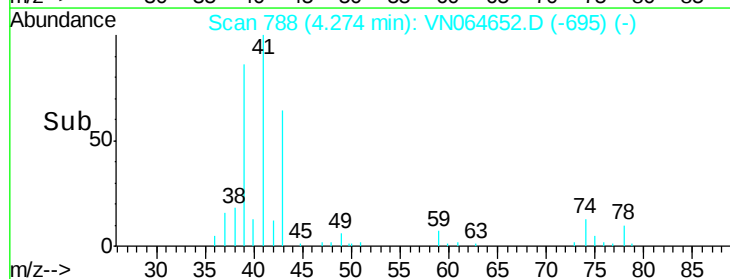
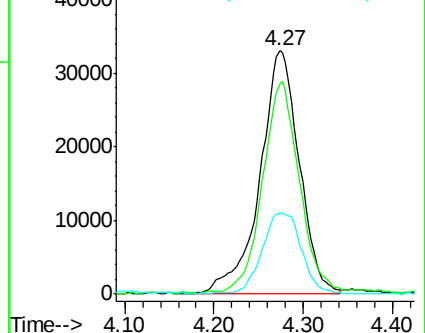
76 33.1 25.4 38.0

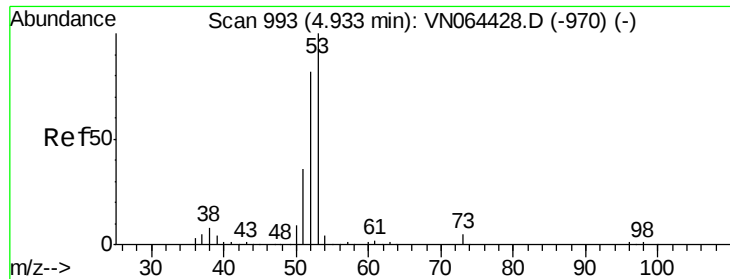


Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-750) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-750) (-)

Ion 75.90 (75.60 to 76.60): VN064428.D (-750) (-)

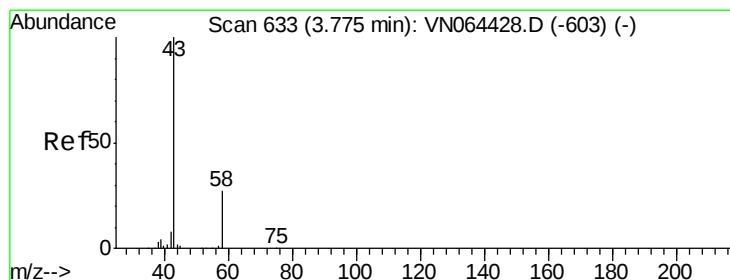
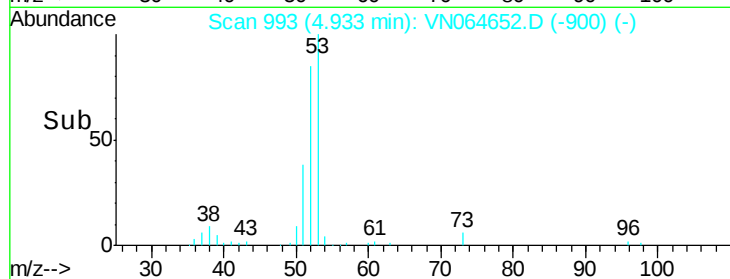
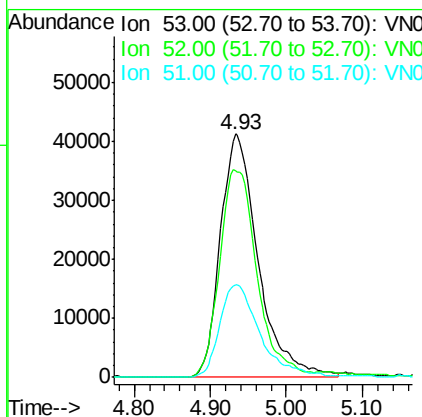
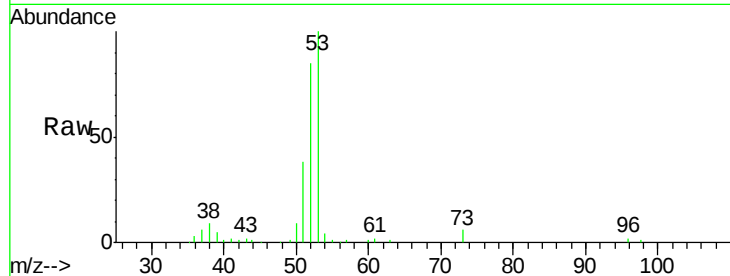




#15
 Acrylonitrile
 Concen: 89.416 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

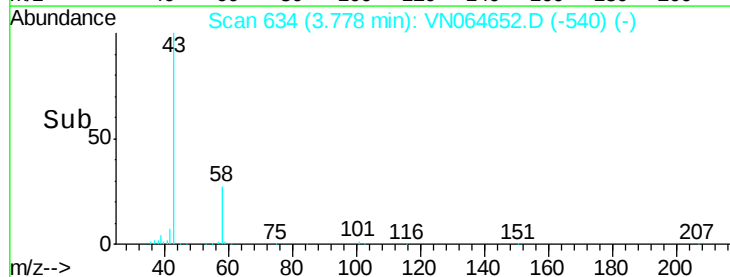
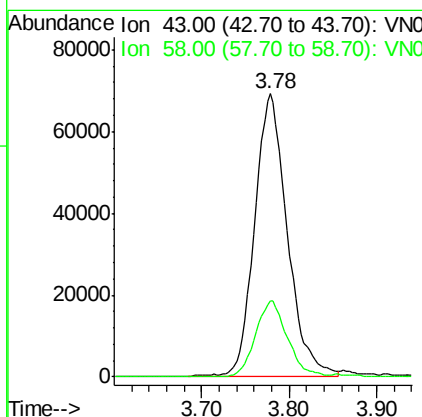
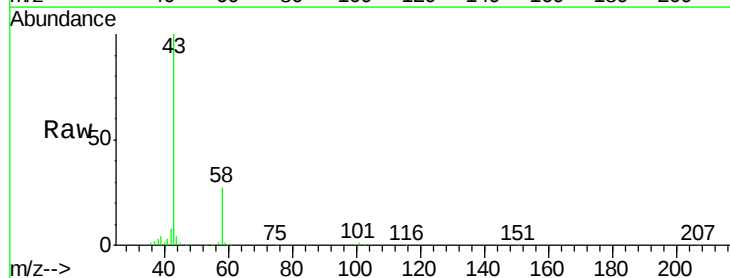
Instrument :
 MSVOA_N
 ClientSampled :
 VN1116MBS01

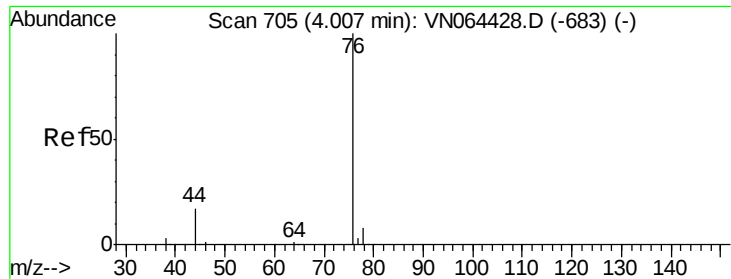
Tot Ion: 53 Resp: 142738
 Ion Ratio Lower Upper
 53 100
 52 84.4 65.6 98.4
 51 40.5 29.9 44.9



#16
 Acetone
 Concen: 91.190 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

Tgt Ion: 43 Resp: 180601
 Ion Ratio Lower Upper
 43 100
 58 26.8 21.4 32.0





#17

Carbon Disulfide

Concen: 16.935 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

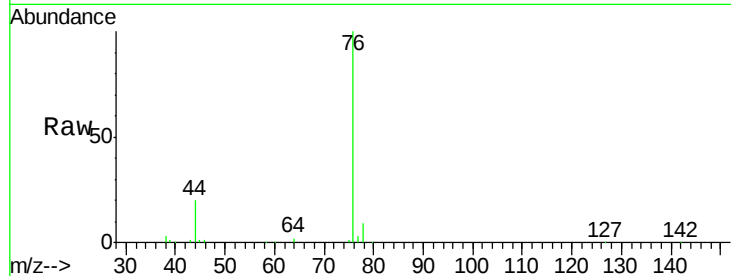
VN1116MBS01

Tot Ion: 76 Resp: 161670

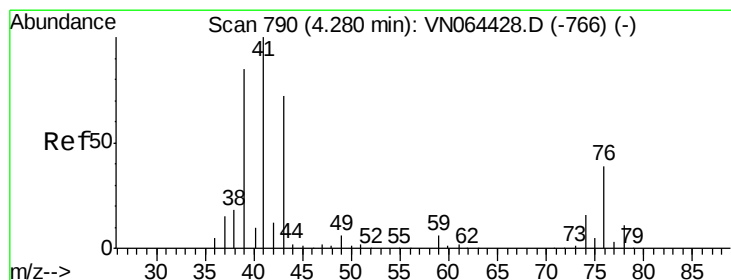
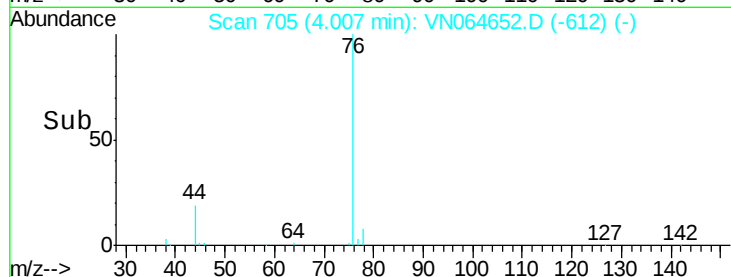
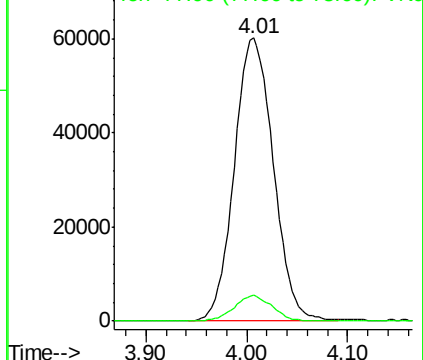
Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 18.100 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064652.D

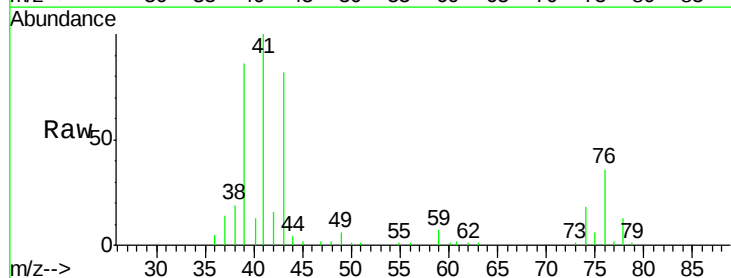
Acq: 16 Nov 2020 10:47

Tgt Ion: 43 Resp: 70475

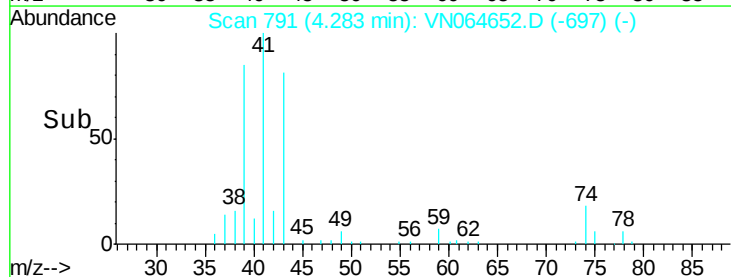
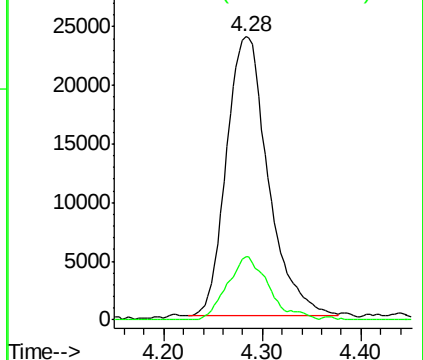
Ion Ratio Lower Upper

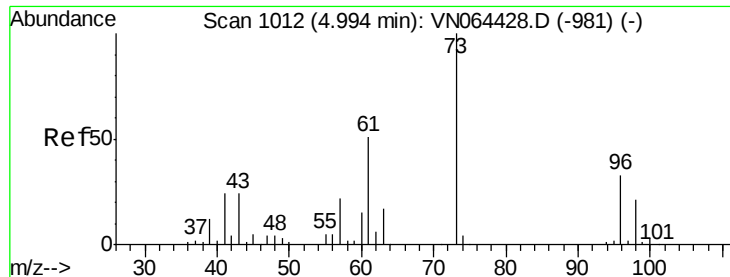
43 100

74 22.4 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

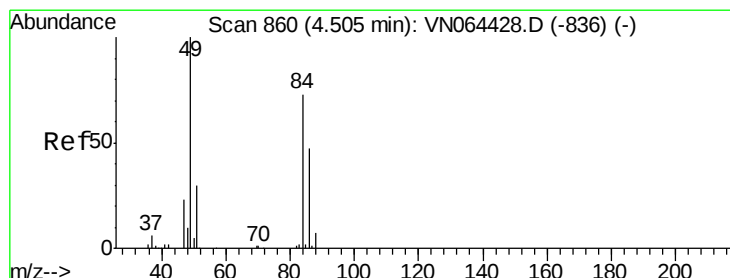
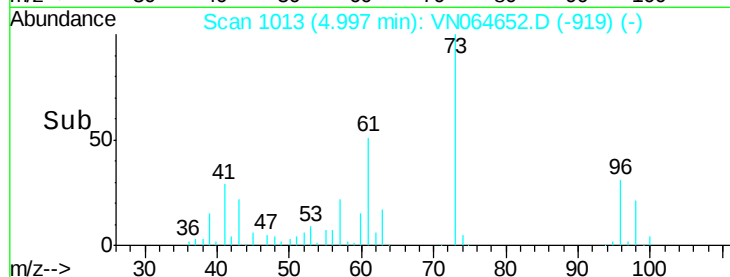
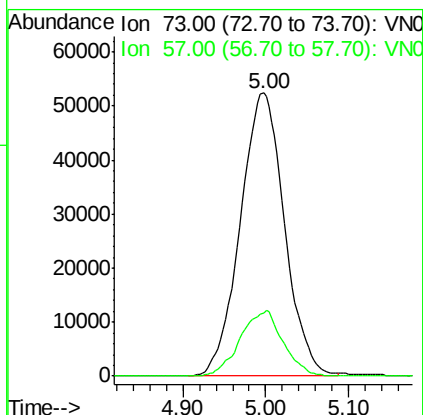
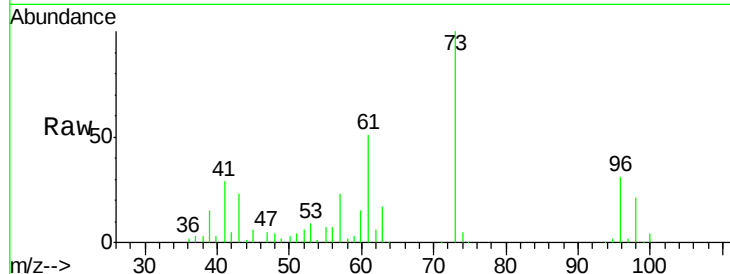




#19
Methvl tert-butvl Ether
Concen: 16.900 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

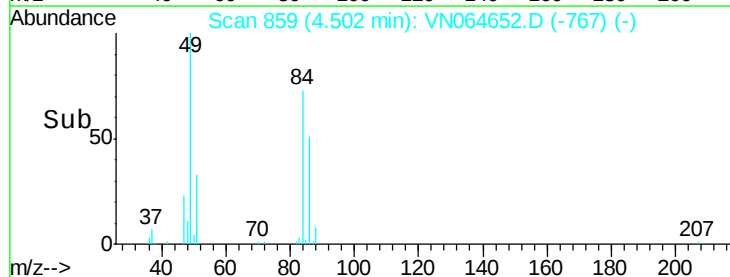
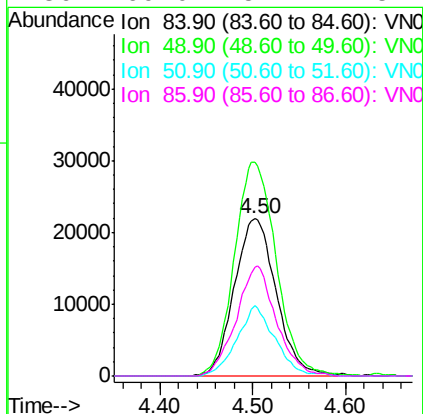
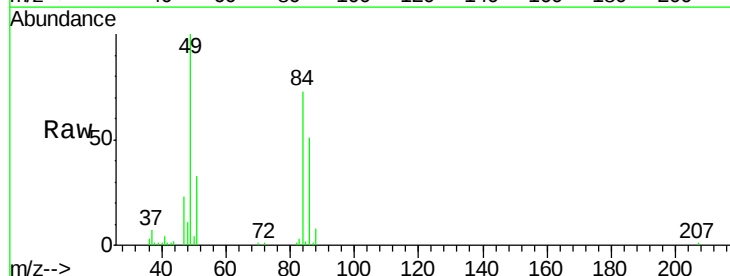
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

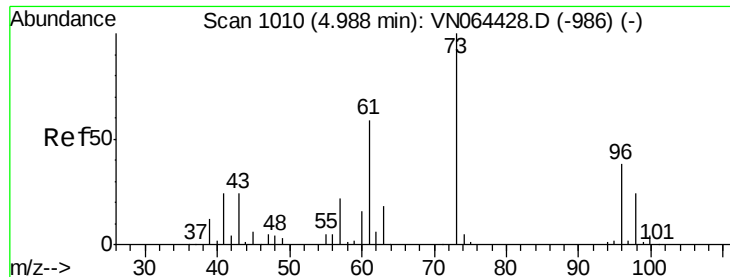
Tot Ion: 73 Resp: 194173
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 17.475 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Tgt Ion: 84 Resp: 68668
Ion Ratio Lower Upper
84 100
49 136.1 110.1 165.1
51 45.0 33.6 50.4
86 69.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 16.764 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampled :

VN1116MBS01

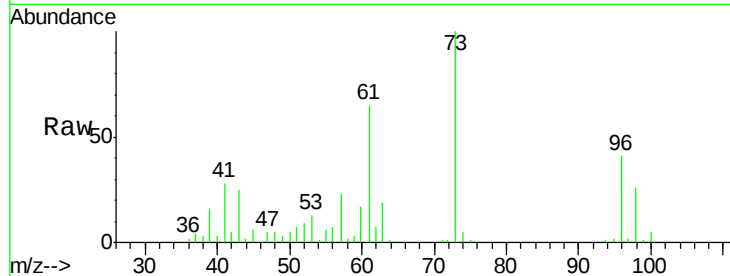
Tot Ion: 96 Resp: 60763

Ion Ratio Lower Upper

96 100

61 157.7 122.4 183.6

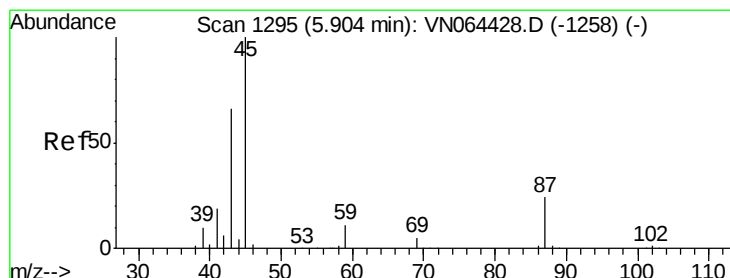
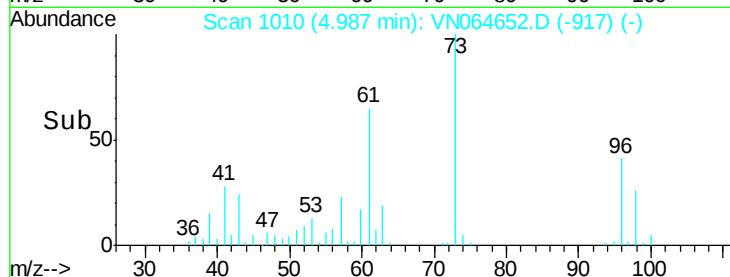
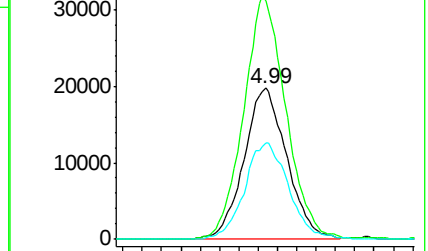
98 63.9 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-986) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-986) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-986) (-)



#22

Diisopropyl ether

Concen: 16.470 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Tgt Ion: 45 Resp: 218323

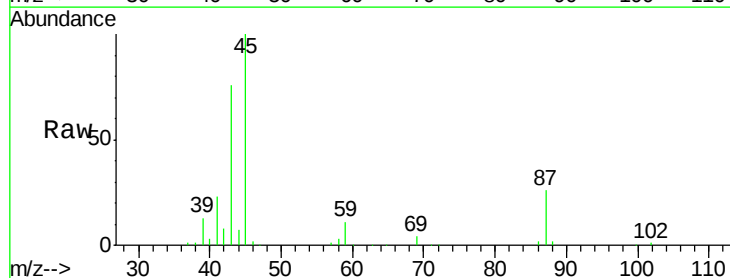
Ion Ratio Lower Upper

45 100

43 73.3 53.2 79.8

87 26.2 19.9 29.9

59 10.0 8.6 13.0

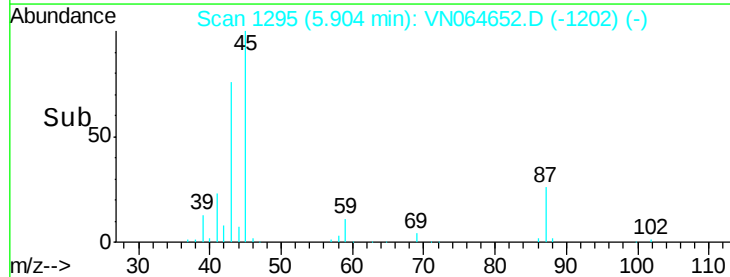
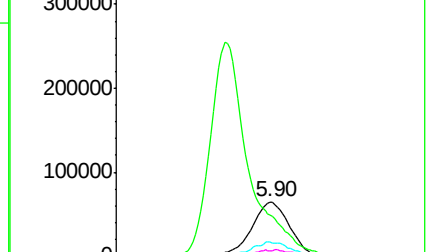


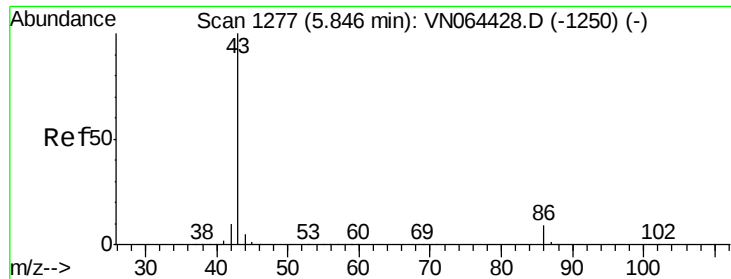
Abundance Ion 45.00 (44.70 to 45.70): VN064428.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN064428.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN064428.D (-1258) (-)

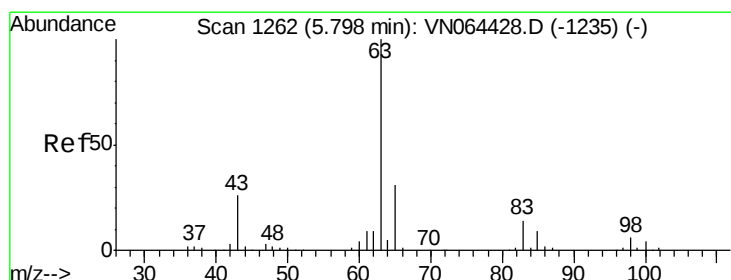
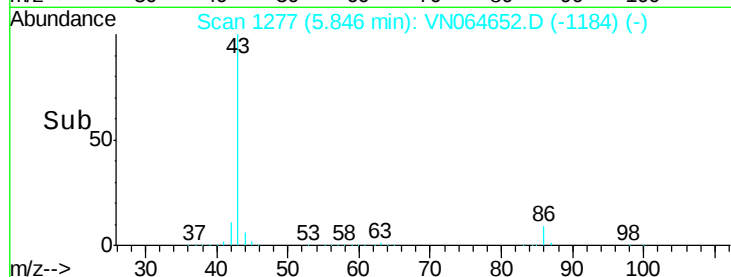
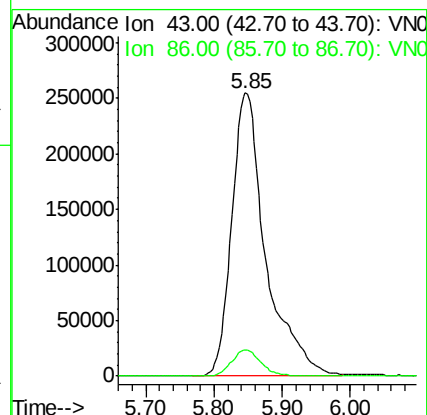
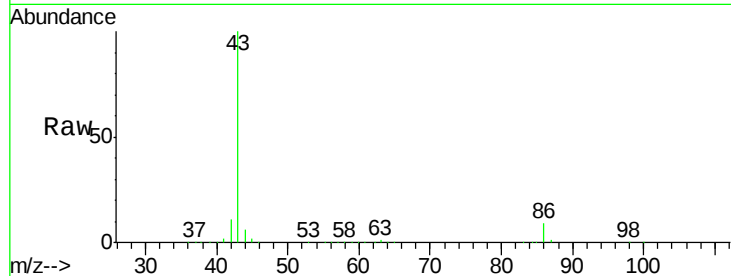




#23
 Vinyl Acetate
 Concen: 82.084 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

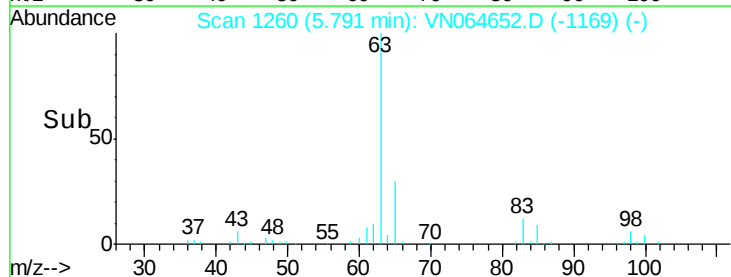
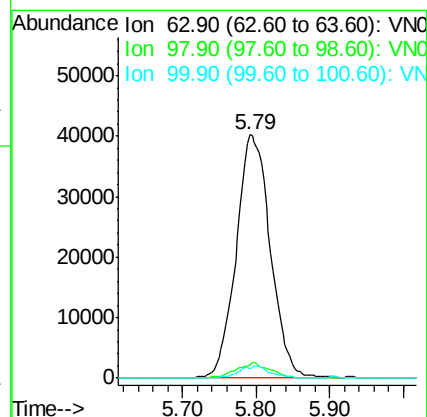
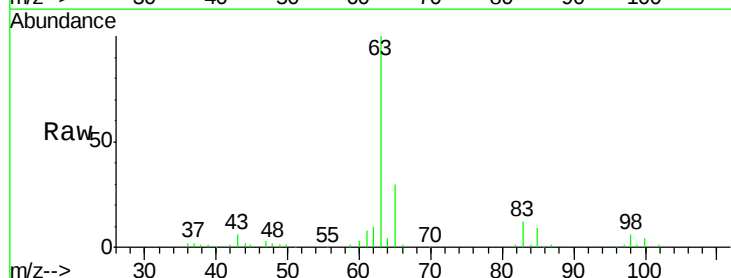
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

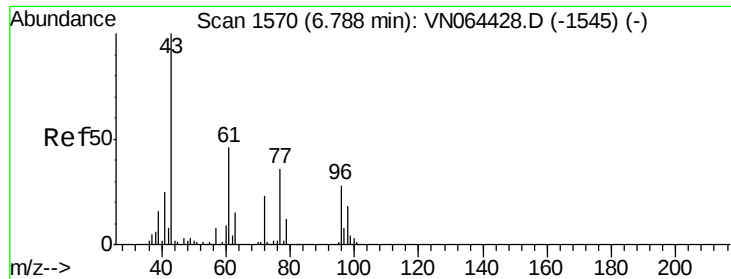
Tot Ion: 43 Resp: 885170
 Ion Ratio Lower Upper
 43 100
 86 9.1 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 17.799 ug/l
 RT: 5.79 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

Tgt Ion: 63 Resp: 129656
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.0 9.2
 100 3.9 1.8 5.3





#25

2-Butanone

Concen: 84.248 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

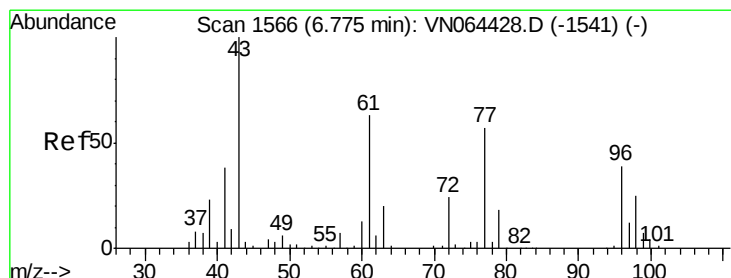
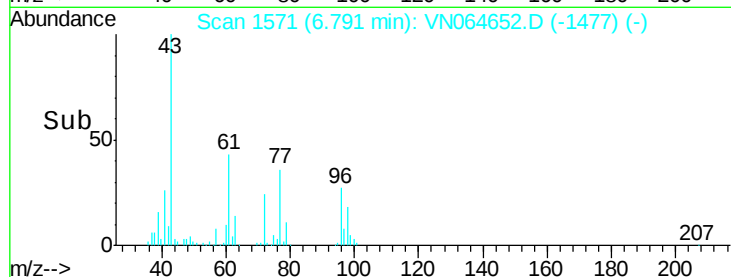
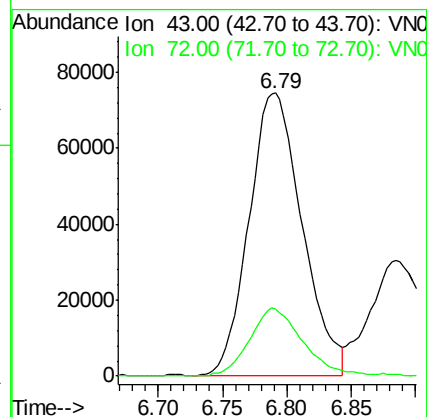
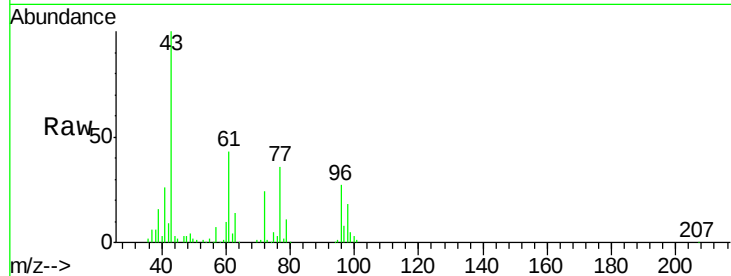
VN1116MBS01

Tot Ion: 43 Resp: 212594

Ion Ratio Lower Upper

43 100

72 23.7 18.5 27.7



#26

2,2-Dichloropropane

Concen: 18.138 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064652.D

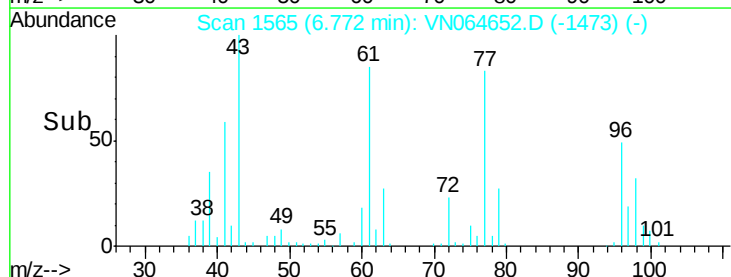
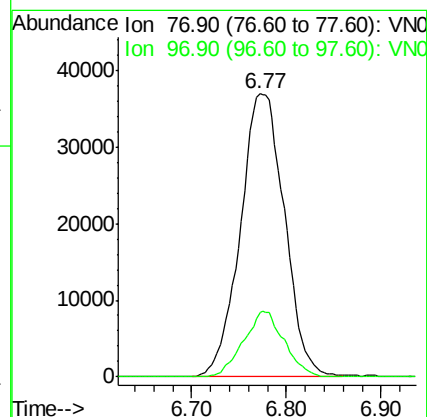
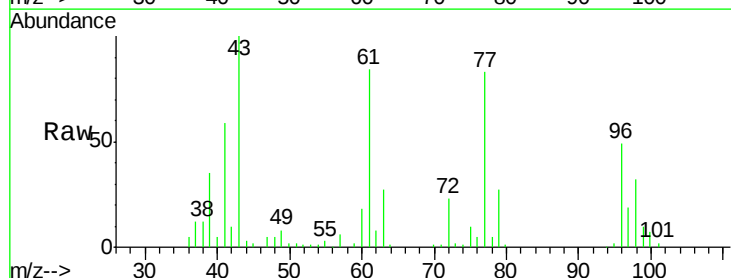
Acq: 16 Nov 2020 10:47

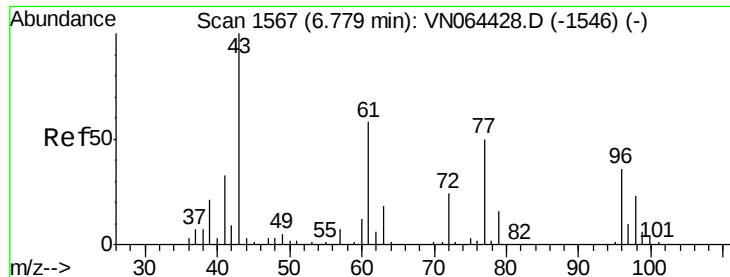
Tgt Ion: 77 Resp: 119605

Ion Ratio Lower Upper

77 100

97 21.3 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 17.199 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampled :

VN1116MBS01

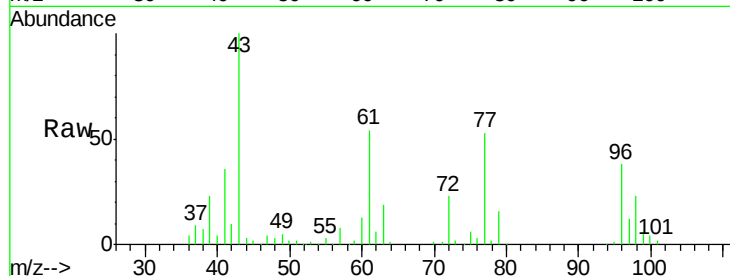
Tot Ion: 96 Resp: 72237

Ion Ratio Lower Upper

96 100

61 158.4 0.0 329.6

98 63.3 0.0 131.2

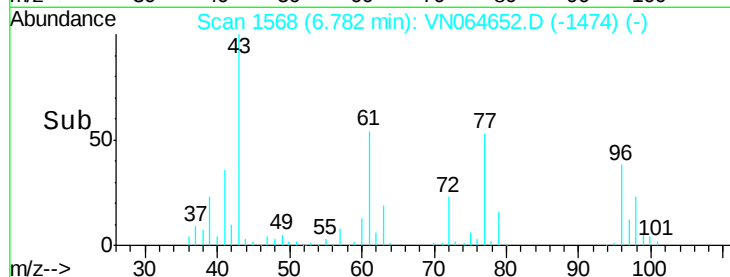


Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1546) (-)

Time-->

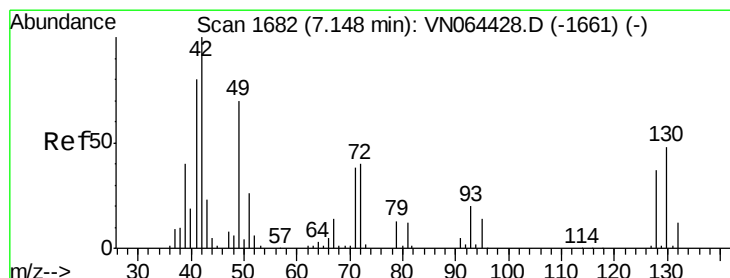


Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1546) (-)

Time-->



#28

Bromochloromethane

Concen: 17.589 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

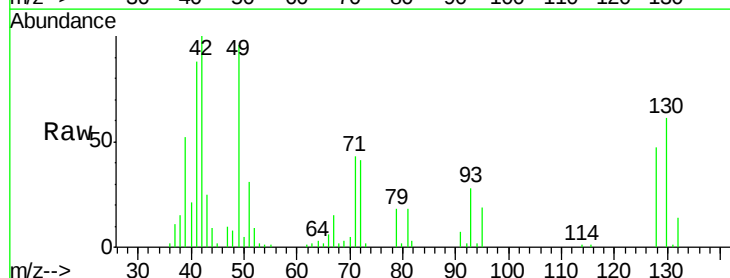
Tgt Ion: 49 Resp: 62977

Ion Ratio Lower Upper

49 100

129 0.4 0.0 3.6

130 70.2 54.2 81.4

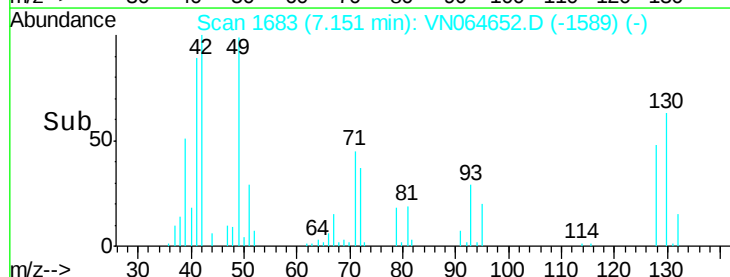


Abundance Ion 48.90 (48.60 to 49.60): VN064428.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064428.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064428.D (-1661) (-)

Time-->

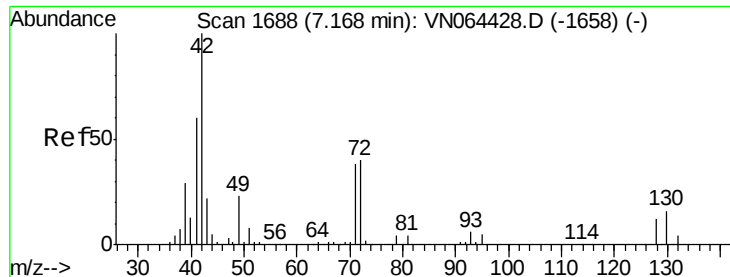


Abundance Ion 48.90 (48.60 to 49.60): VN064428.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064428.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064428.D (-1661) (-)

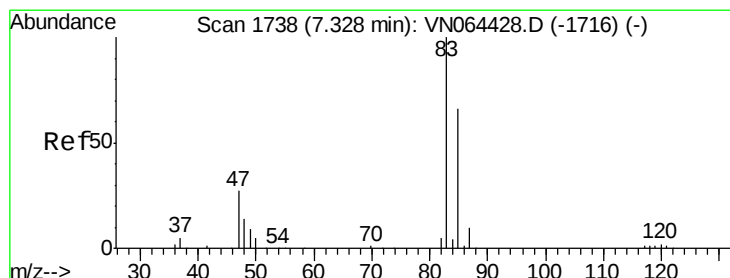
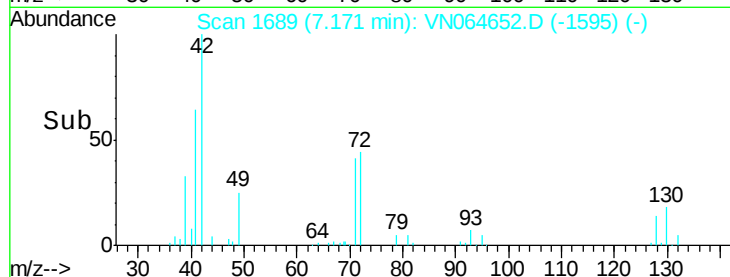
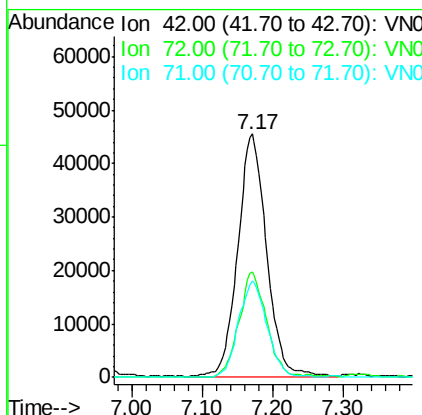
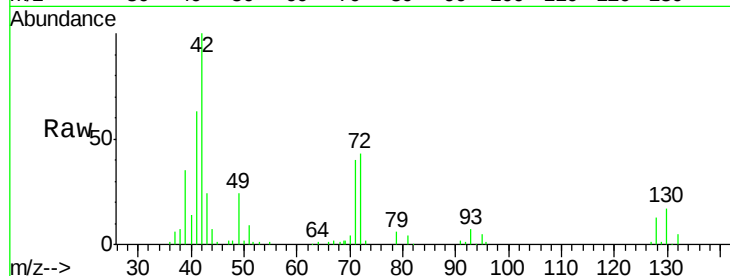
Time-->



#29
Tetrahydrofuran
Concen: 84.440 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

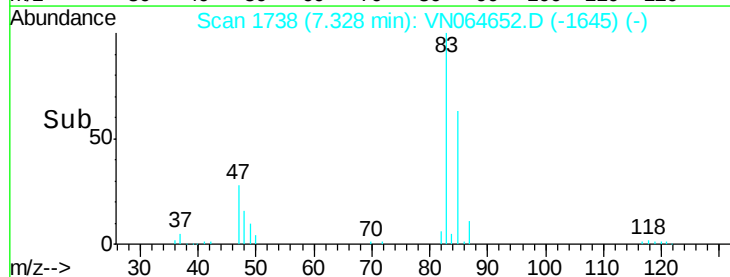
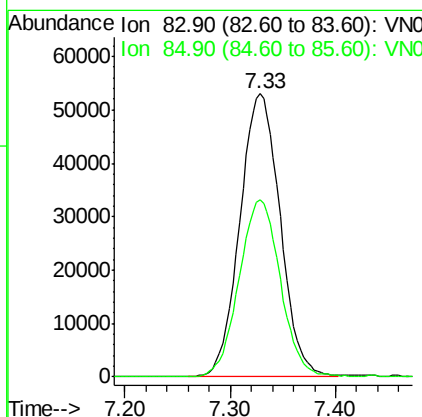
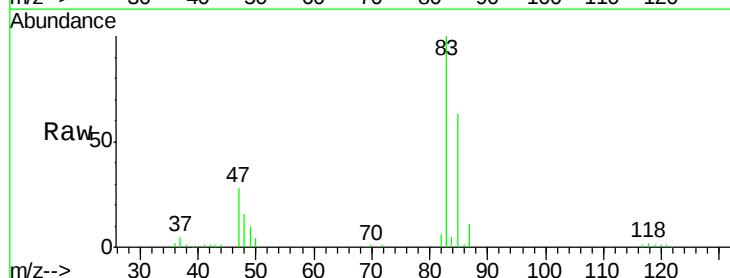
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

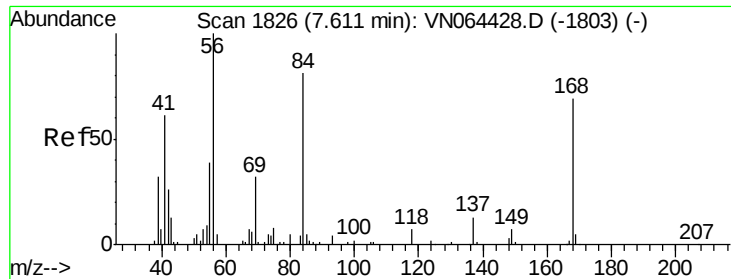
Tot Ion: 42 Resp: 130729
Ion Ratio Lower Upper
42 100
72 41.0 31.7 47.5
71 38.7 29.8 44.6



#30
Chloroform
Concen: 18.410 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Tgt Ion: 83 Resp: 140960
Ion Ratio Lower Upper
83 100
85 62.6 52.5 78.7

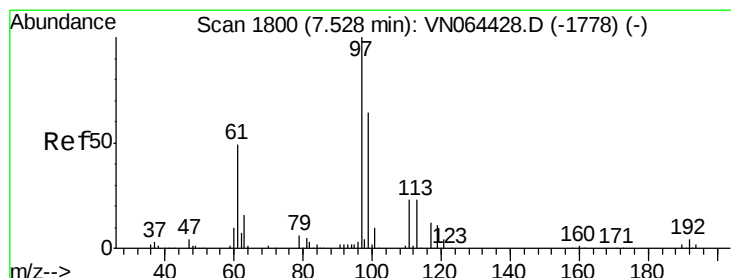
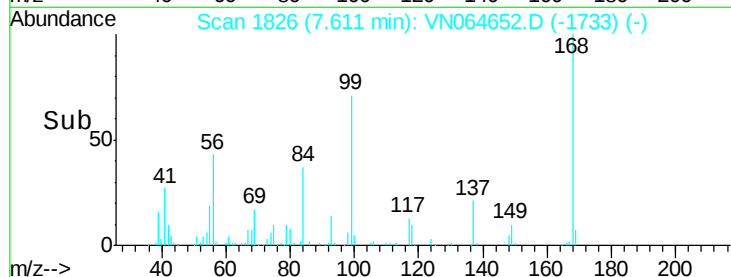
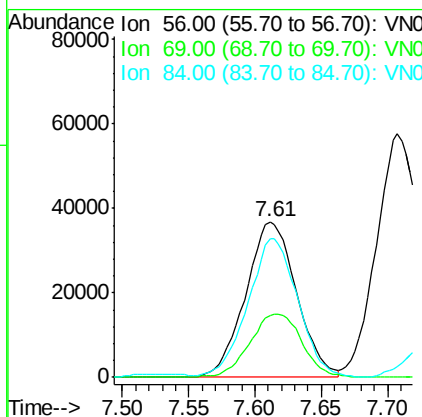
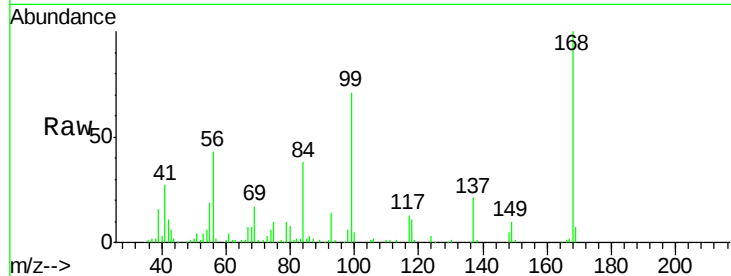




#31
Cyclohexane
Concen: 15.591 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

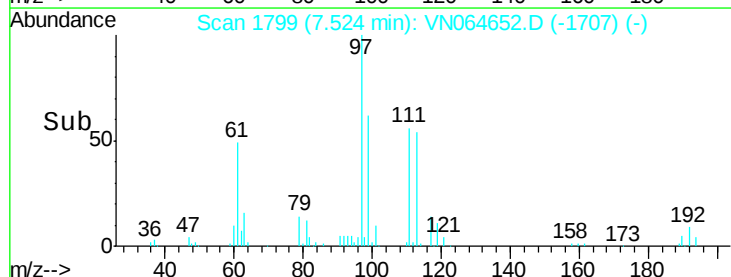
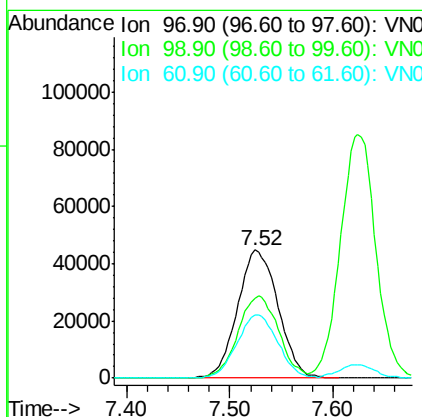
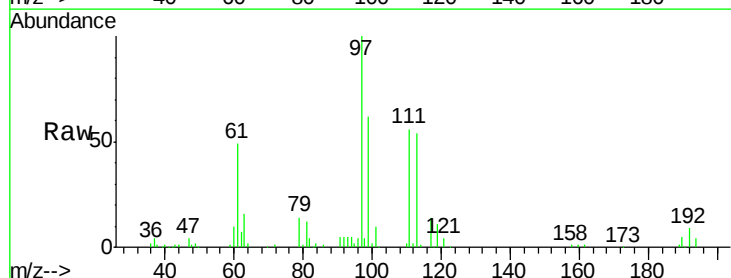
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

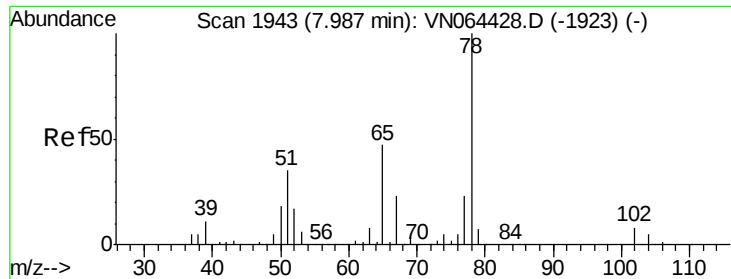
Tot Ion	56	Resp	98537
Ion Ratio	Lower	Upper	
56	100		
69	39.5	25.6	38.4#
84	88.2	63.0	94.6



#32
1,1,1-Trichloroethane
Concen: 18.116 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Tgt Ion	97	Resp	123031
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.3	76.9
61	49.4	39.1	58.7

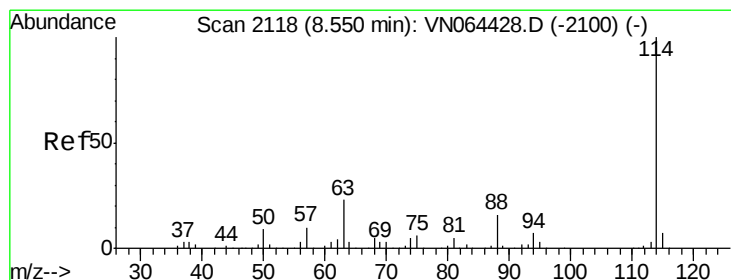
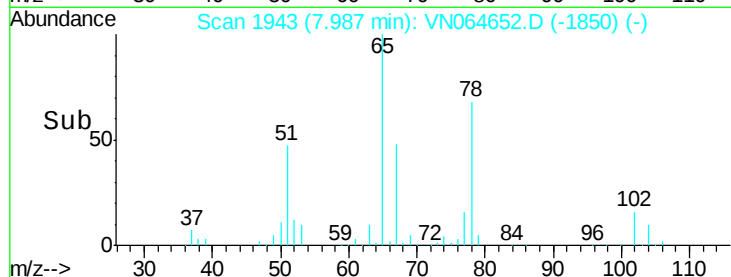
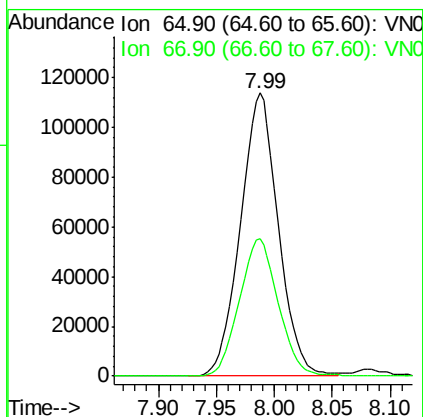
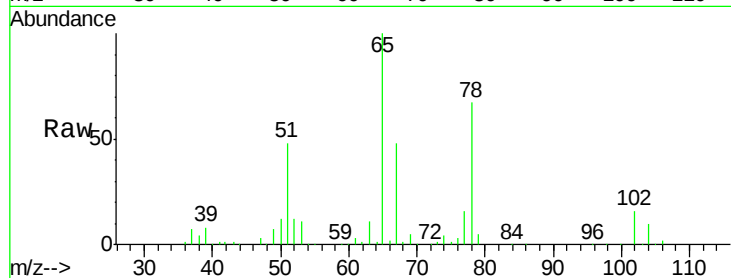




#33
 1,2-Dichloroethane-d4
 Concen: 49.712 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

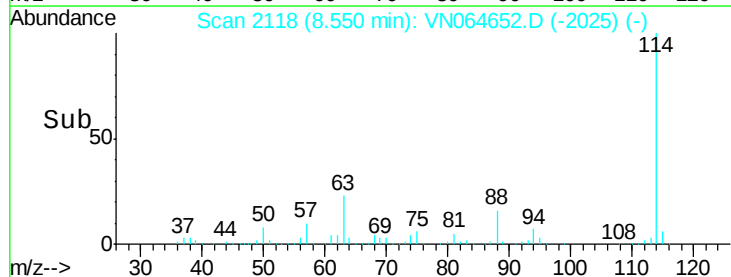
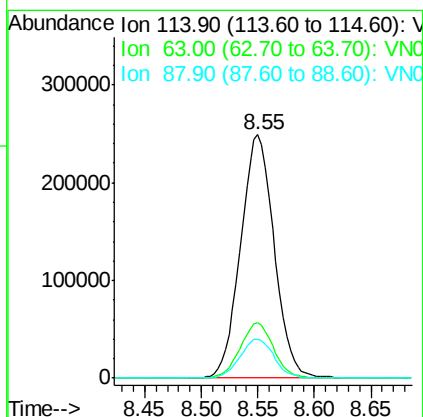
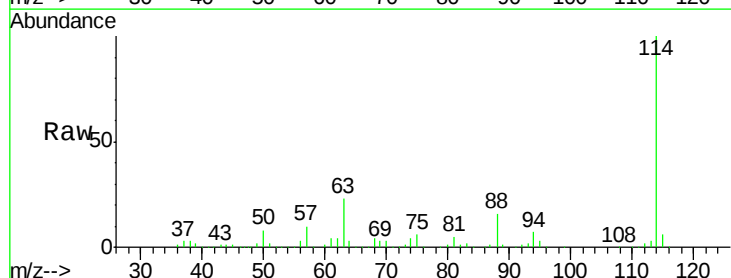
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

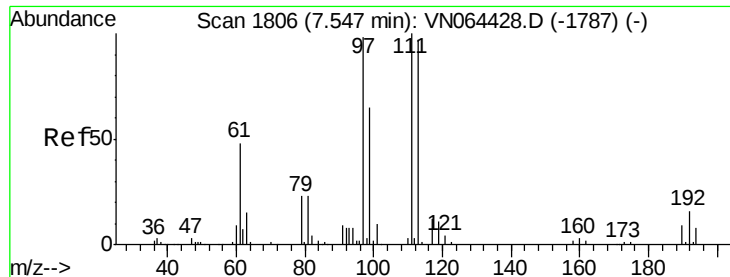
Tot Ion: 65 Resp: 258465
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

Tgt Ion: 114 Resp: 515326
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 16.1 0.0 32.8

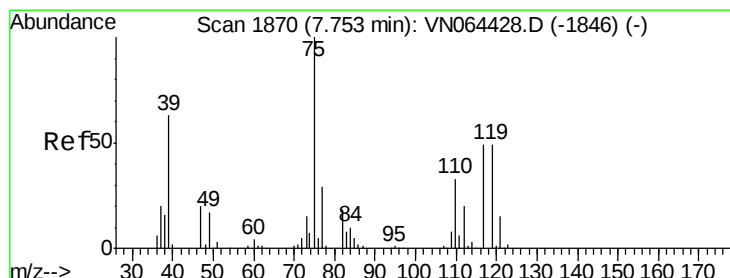
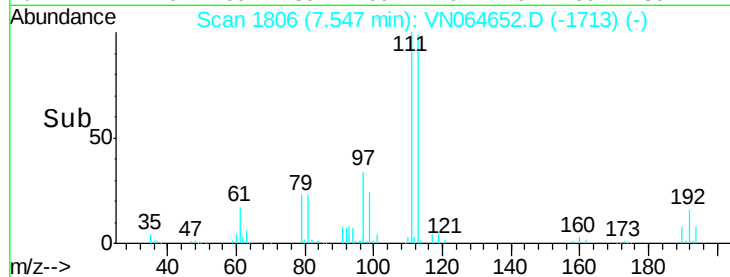
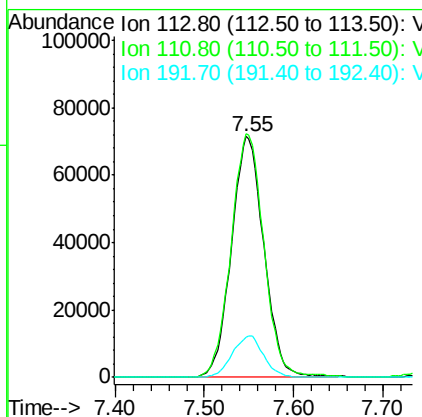
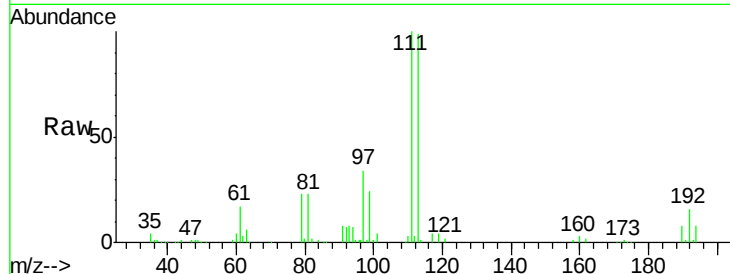




#35
 Dibromofluoromethane
 Concen: 51.231 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

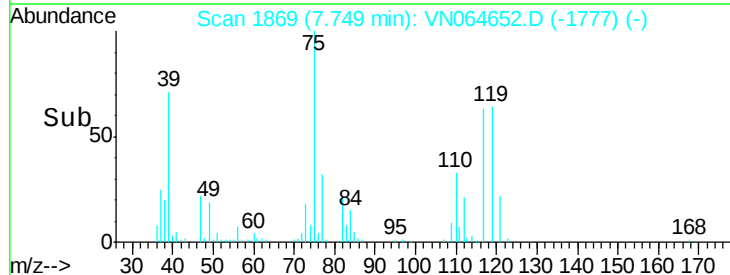
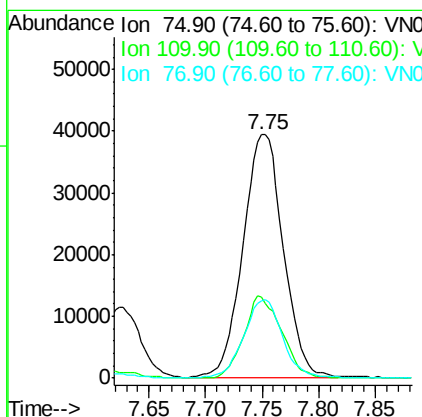
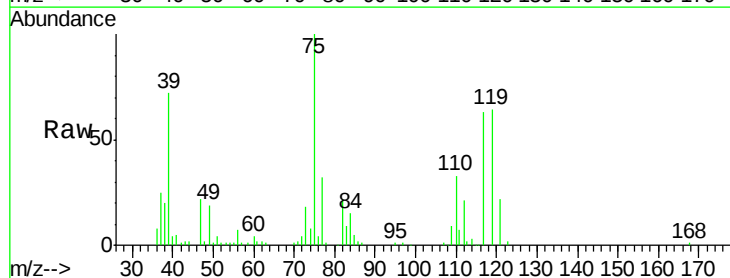
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

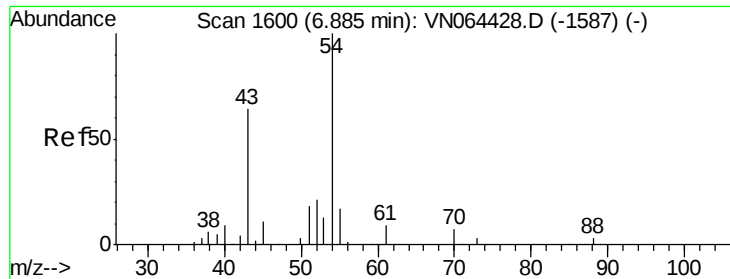
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.1	121.7
192	16.7	12.8	19.2



#36
 1,1-Dichloropropene
 Concen: 18.067 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.0	48.0
77	31.1	24.0	36.0

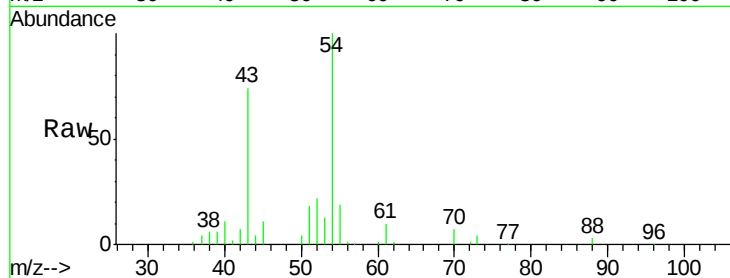




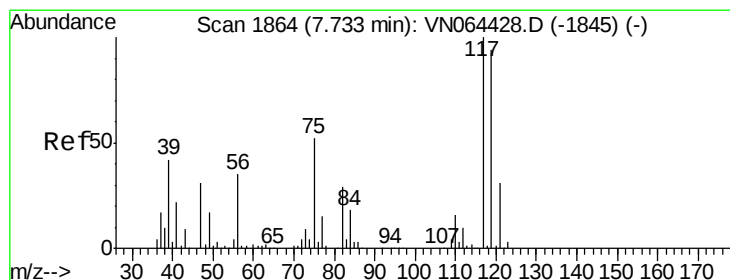
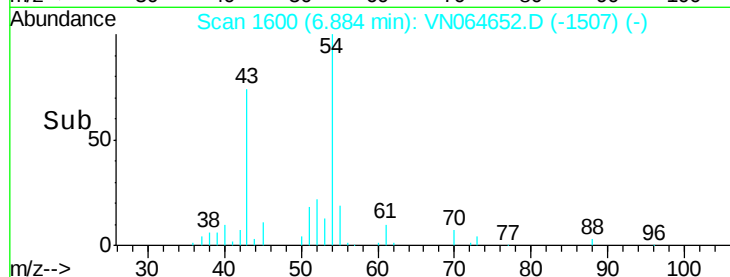
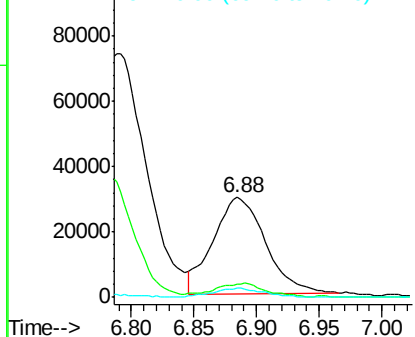
#37
Ethyl Acetate
Concen: 16.138 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Instrument :
MSVOA_N
ClientSampled :
VN1116MBS01

Tot Ion: 43 Resp: 86273
Ion Ratio Lower Upper
43 100
61 13.6 10.0 15.0
70 8.2 7.1 10.7

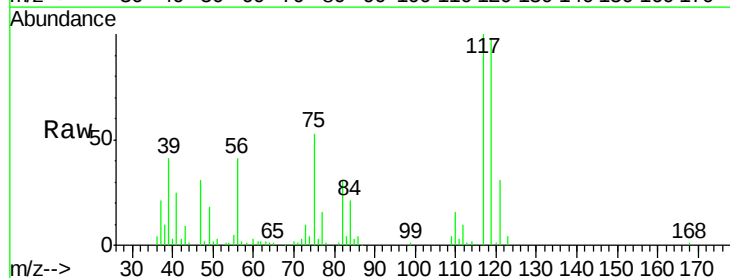


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

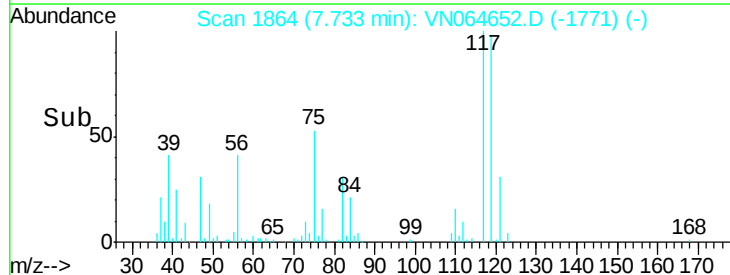
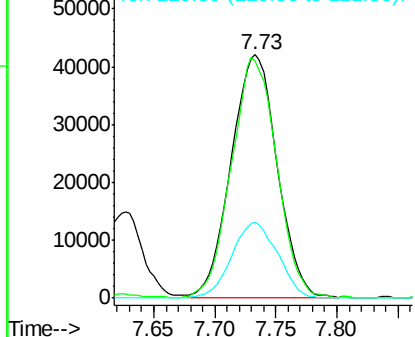


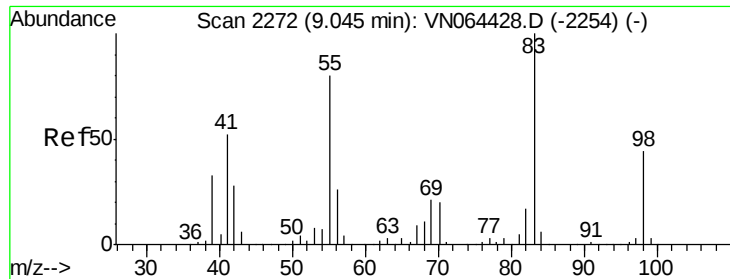
#38
Carbon Tetrachloride
Concen: 18.794 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Tgt Ion: 117 Resp: 109347
Ion Ratio Lower Upper
117 100
119 98.0 75.5 113.3
121 31.5 24.4 36.6



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

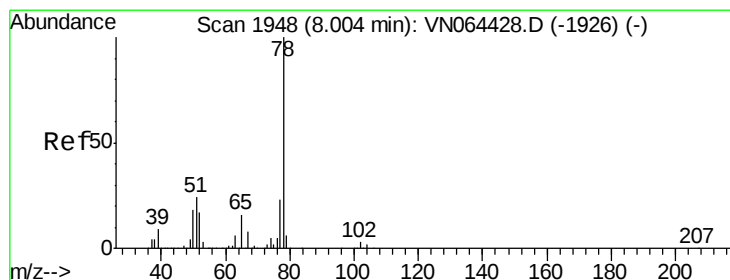
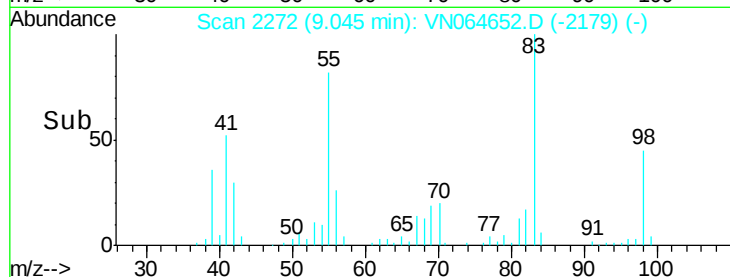
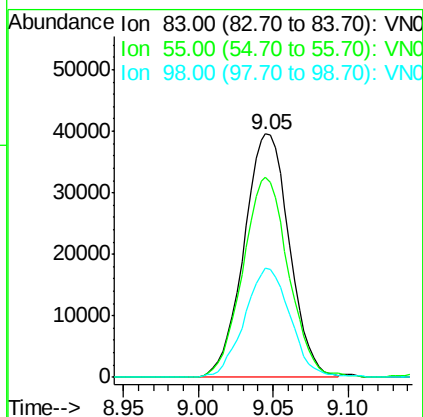
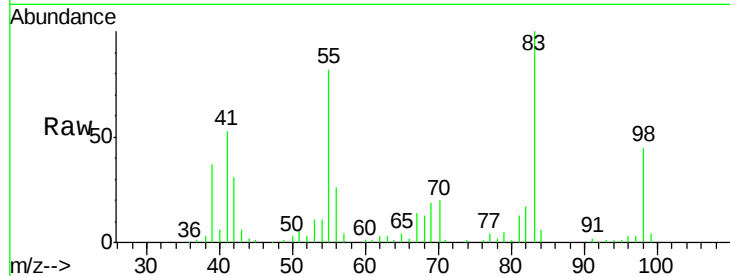




#39
Methvlcvclohexane
Concen: 17.117 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

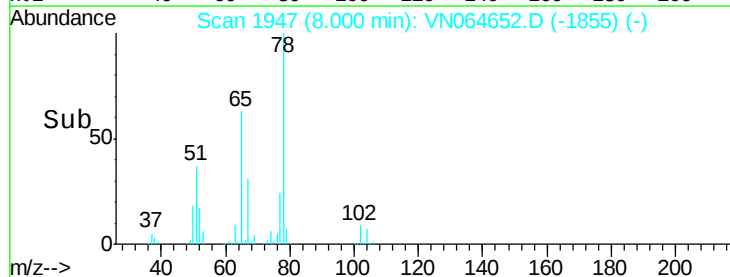
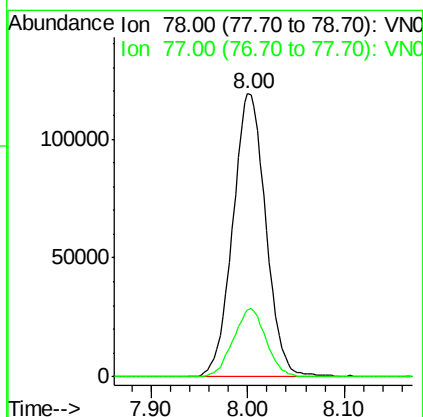
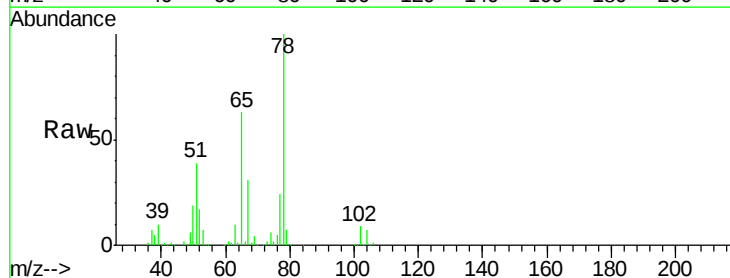
Instrument :
MSVOA_N
ClientSampled :
VN1116MBS01

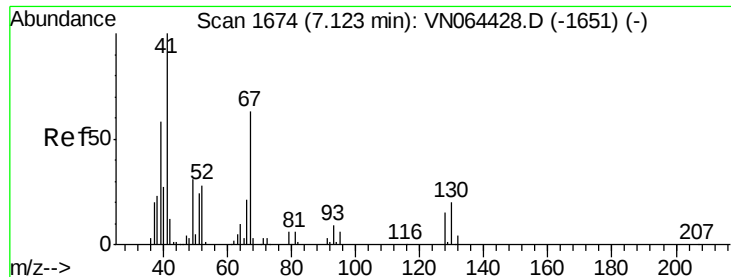
Tot Ion: 83 Resp: 83535
Ion Ratio Lower Upper
83 100
55 82.4 63.8 95.6
98 44.8 35.4 53.2



#40
Benzene
Concen: 17.659 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Tgt Ion: 78 Resp: 282493
Ion Ratio Lower Upper
78 100
77 23.9 18.7 28.1

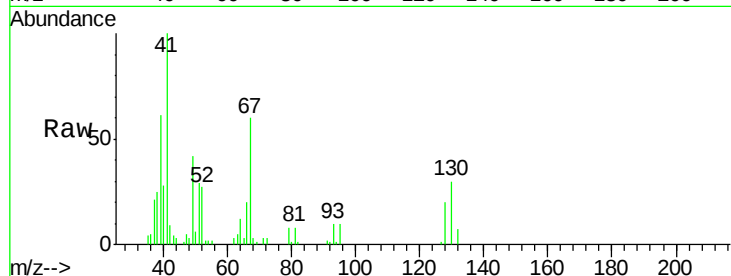




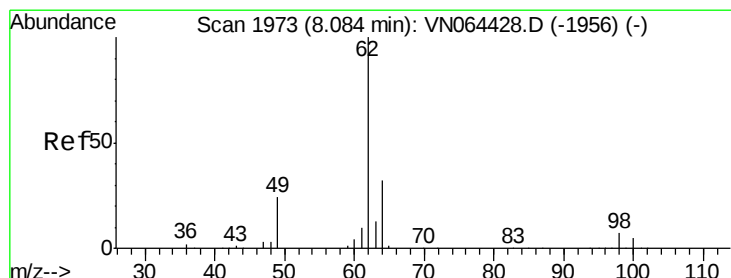
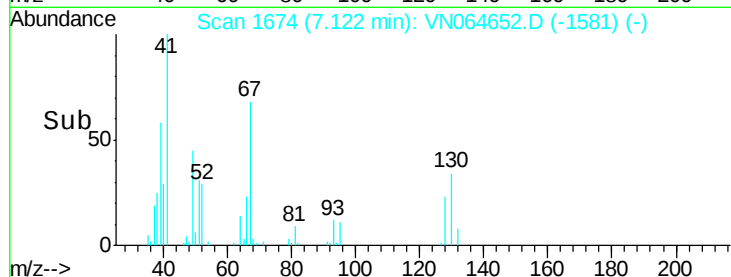
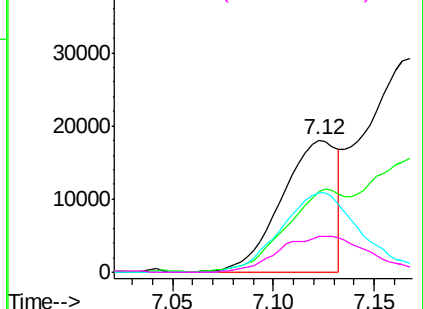
#41
Methacrylonitrile
Concen: 14.347 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

Tot Ion:	41	Resp:	34629
Ion	Ratio	Lower	Upper
41	100		
39	64.9	50.0	75.0
67	85.5	68.3	102.5
52	46.2	32.7	49.1

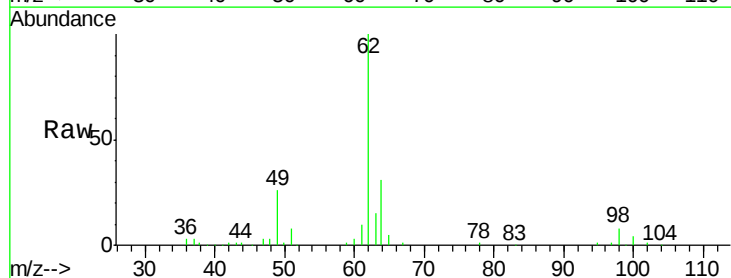


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

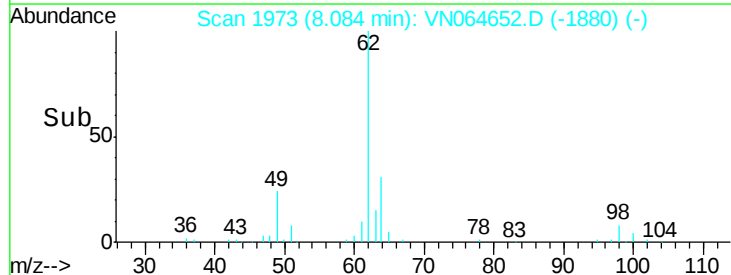
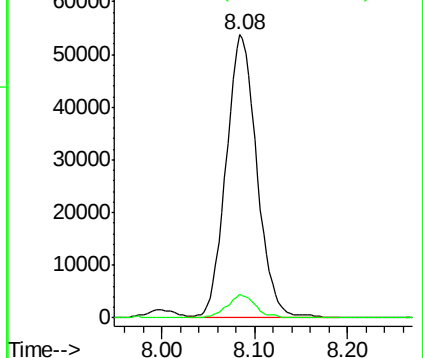


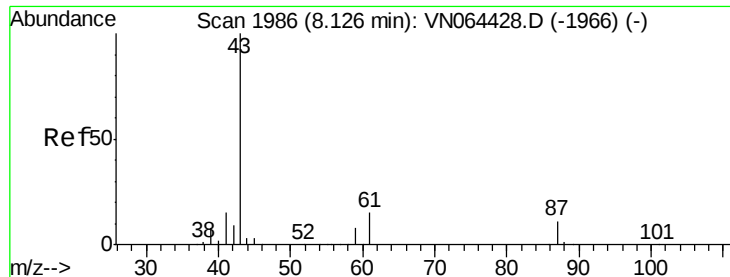
#42
1,2-Dichloroethane
Concen: 19.172 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Tgt Ion:	62	Resp:	123774
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	14.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 16.998 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN1116MBS01

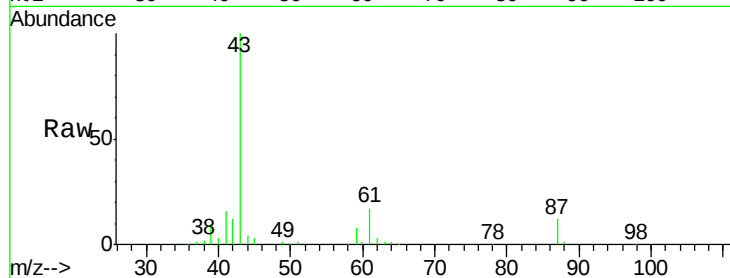
Tot Ion: 43 Resp: 149965

Ion Ratio Lower Upper

43 100

61 16.7 14.0 21.0

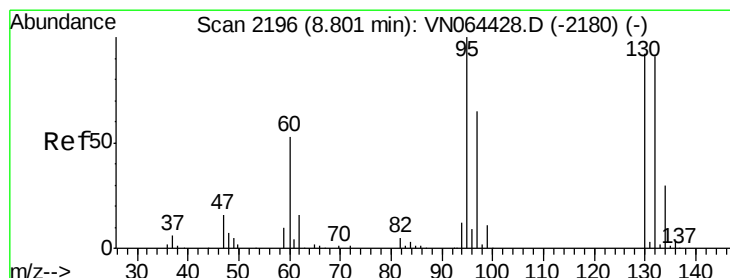
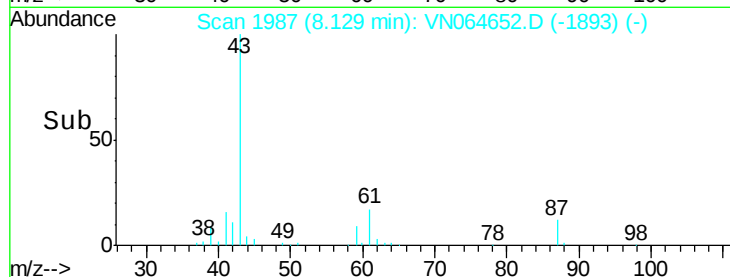
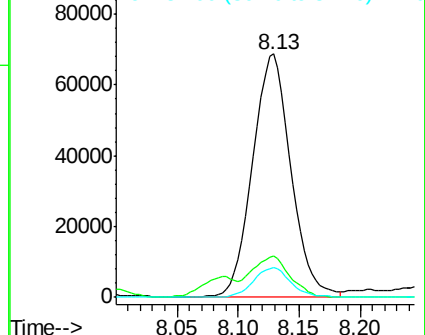
87 11.8 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)



#44

Trichloroethene

Concen: 18.138 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064652.D

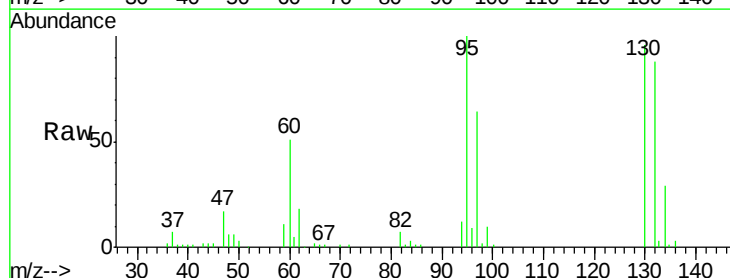
Acq: 16 Nov 2020 10:47

Tgt Ion:130 Resp: 73206

Ion Ratio Lower Upper

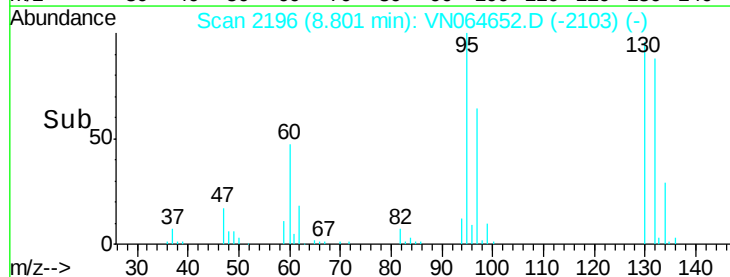
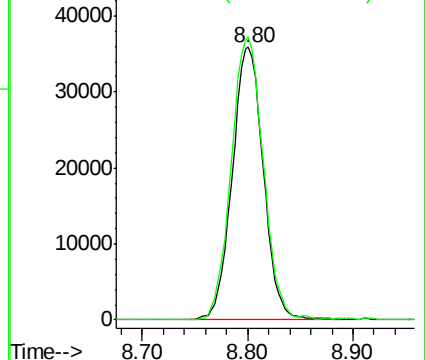
130 100

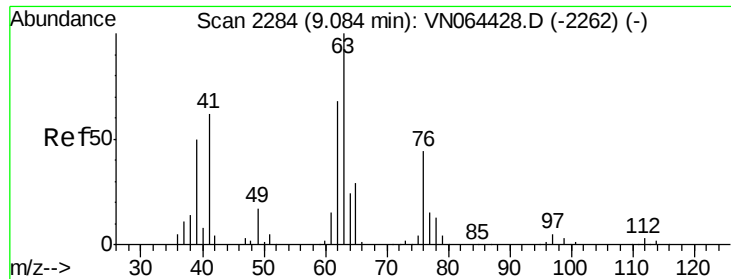
95 103.9 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064428.D (-2180) (-)

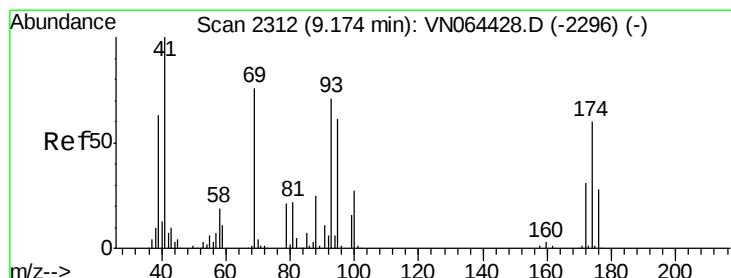
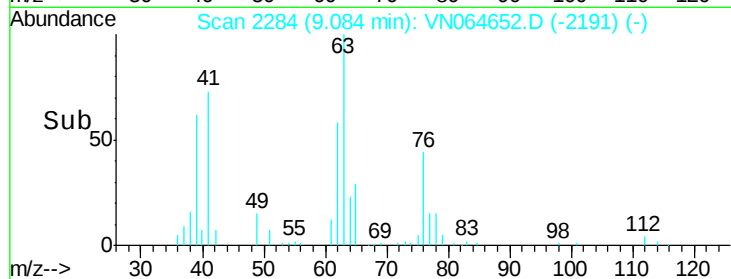
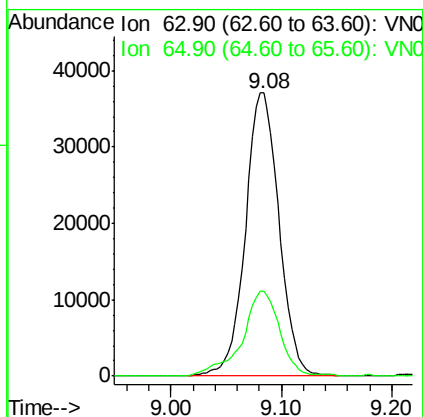
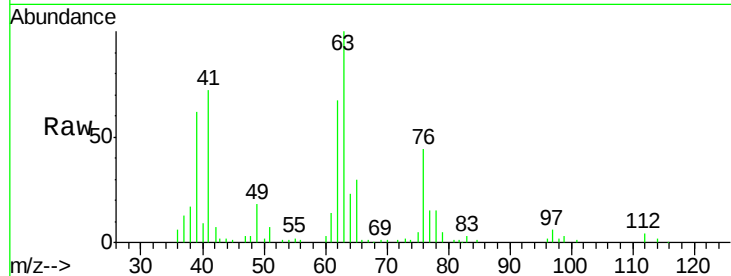




#45
 1,2-Dichloropropane
 Concen: 18.309 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

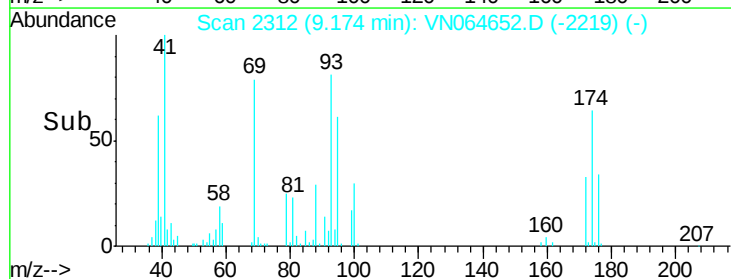
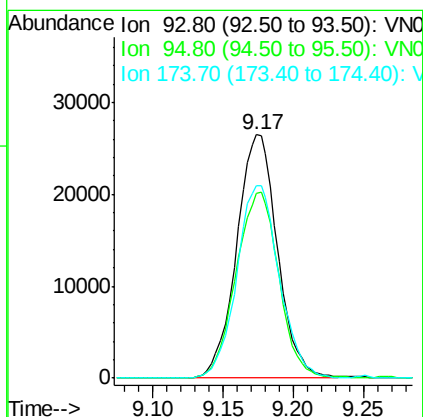
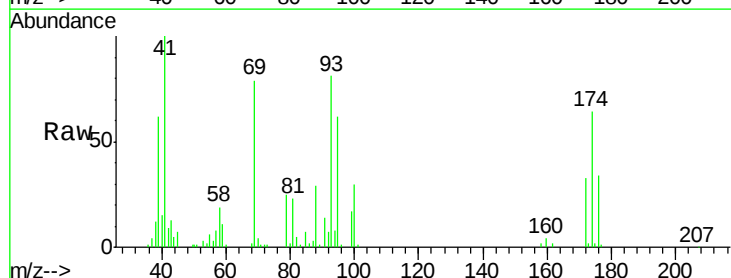
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

Tot Ion: 63 Resp: 78150
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.6 35.4



#46
 Dibromomethane
 Concen: 19.110 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

Tgt Ion: 93 Resp: 53698
 Ion Ratio Lower Upper
 93 100
 95 79.6 66.4 99.6
 174 82.0 67.2 100.8





#47

Bromodichloromethane

Concen: 18.927 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN1116MBS01

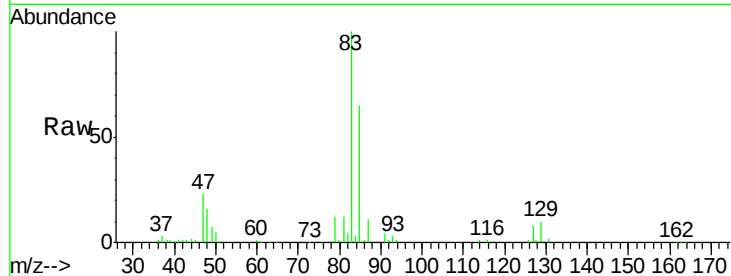
Tot Ion: 83 Resp: 114356

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

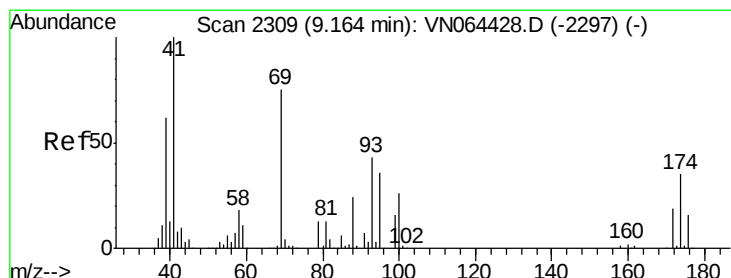
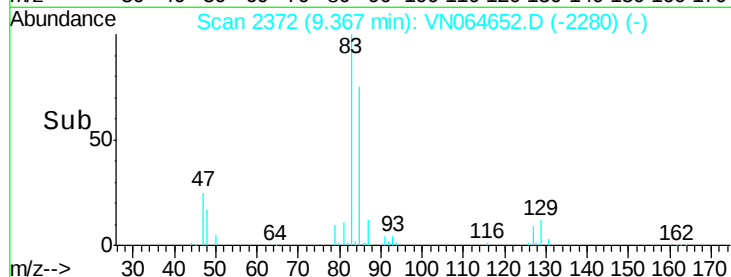
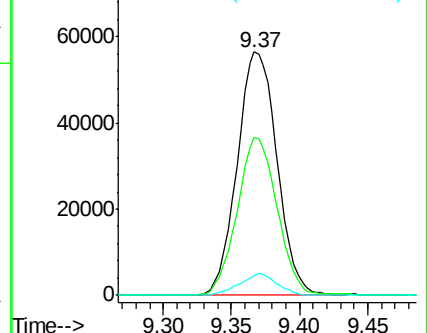
127 8.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064428.D (-2356) (-)



#48

Methyl methacrylate

Concen: 16.554 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

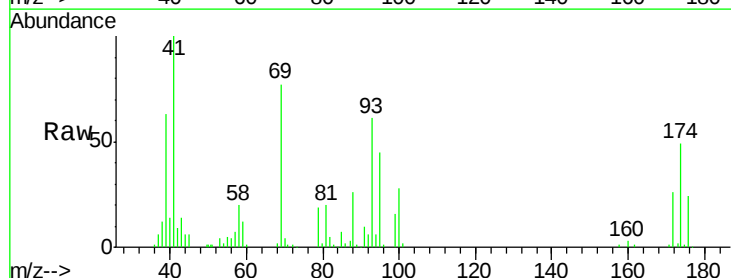
Tgt Ion: 41 Resp: 73695

Ion Ratio Lower Upper

41 100

69 75.1 60.4 90.6

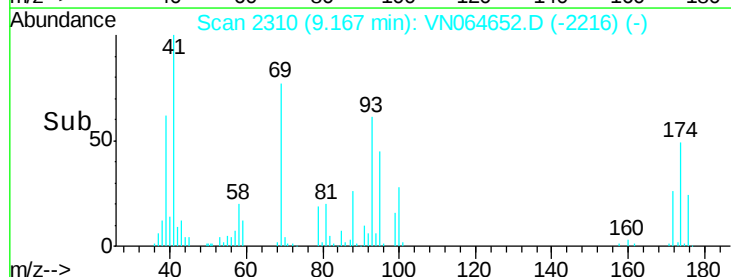
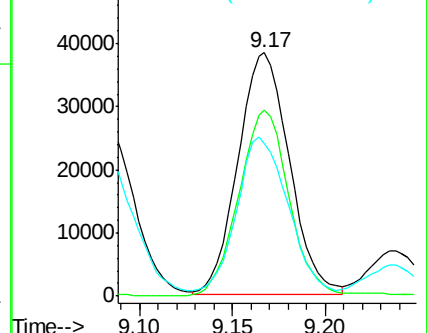
39 65.7 51.2 76.8

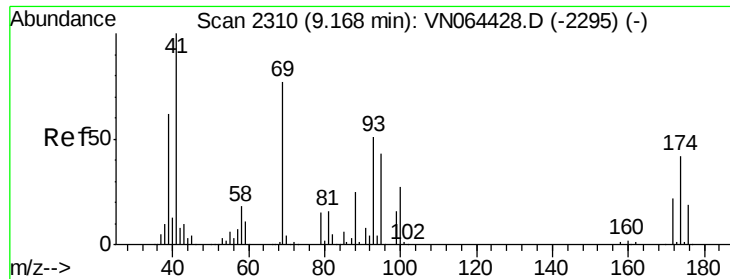


Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064428.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-2297) (-)





#49

1,4-Dioxane

Concen: 357.654 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN1116MBS01

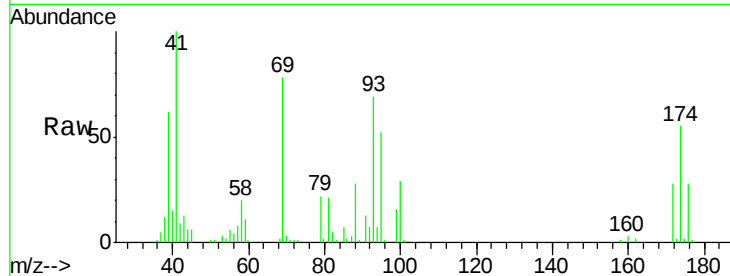
Tot Ion: 88 Resp: 20972

Ion Ratio Lower Upper

88 100

43 44.1 31.0 46.6

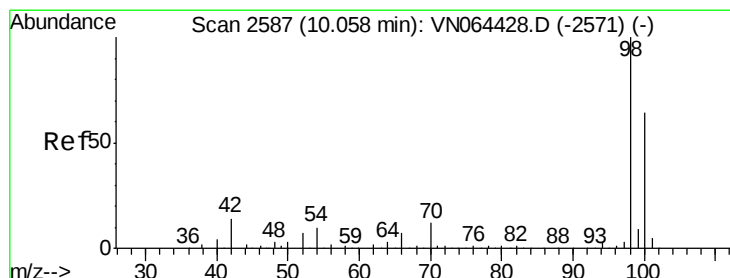
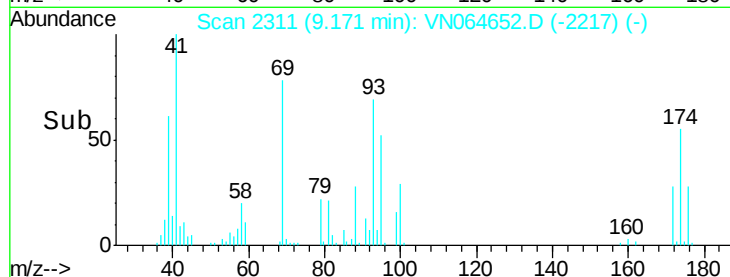
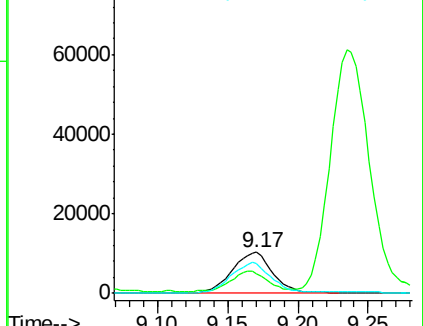
58 74.3 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN064428.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN064428.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2295) (-)



#50

Toluene-d8

Concen: 49.326 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064652.D

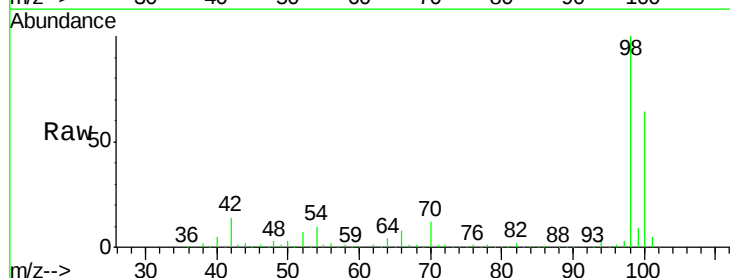
Acq: 16 Nov 2020 10:47

Tgt Ion: 98 Resp: 668906

Ion Ratio Lower Upper

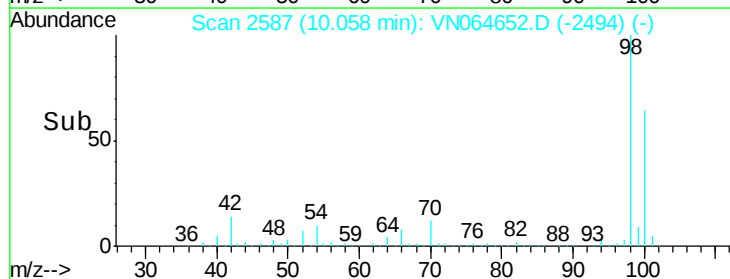
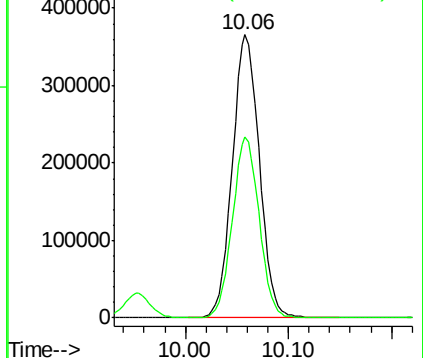
98 100

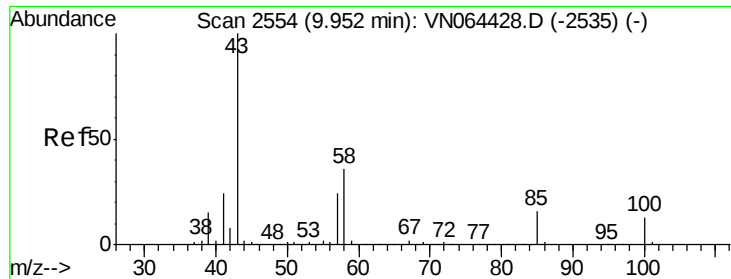
100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 89.912 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampled :

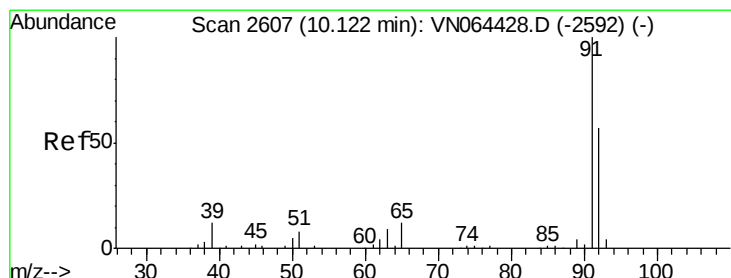
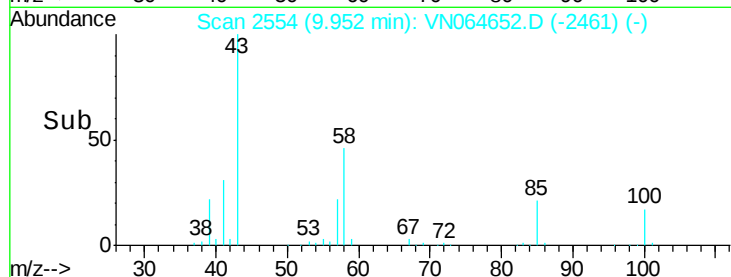
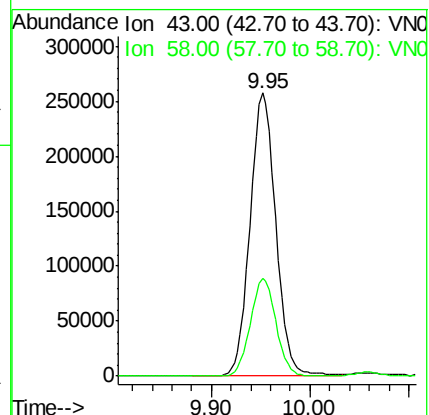
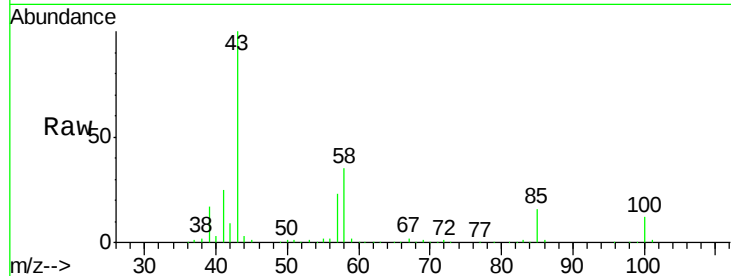
VN1116MBS01

Tot Ion: 43 Resp: 462601

Ion Ratio Lower Upper

43 100

58 34.4 28.4 42.6



#52

Toluene

Concen: 17.901 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064652.D

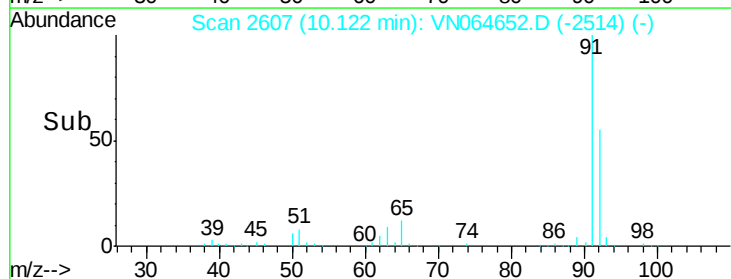
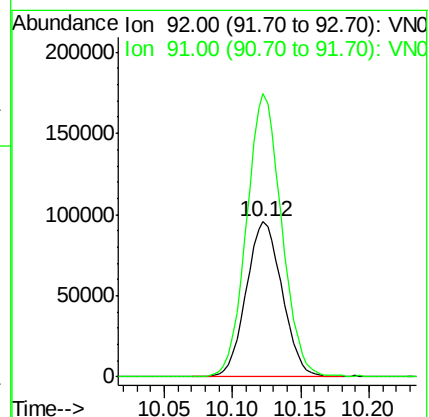
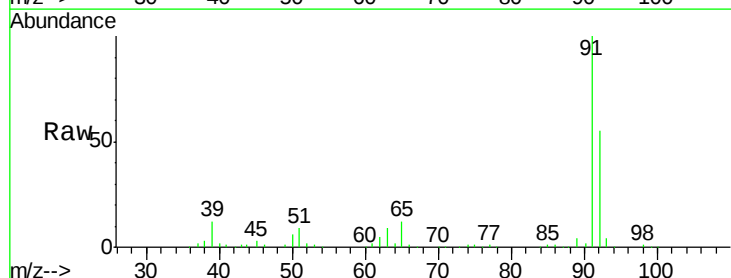
Acq: 16 Nov 2020 10:47

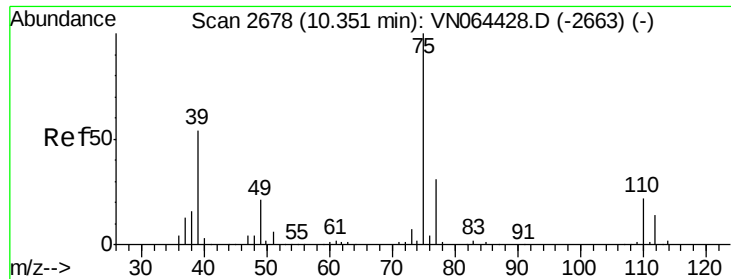
Tgt Ion: 92 Resp: 174665

Ion Ratio Lower Upper

92 100

91 178.2 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 17.782 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

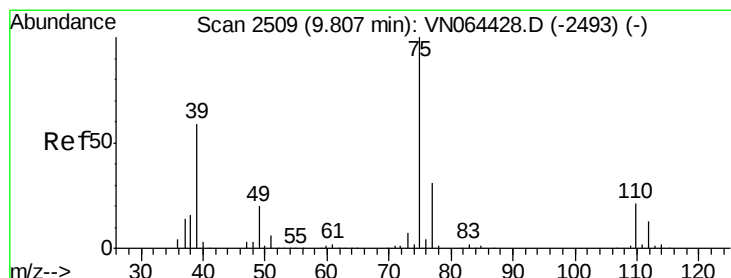
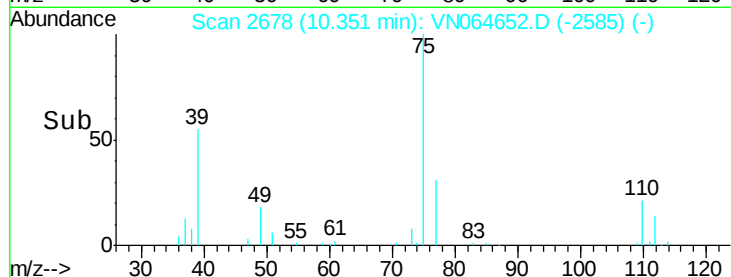
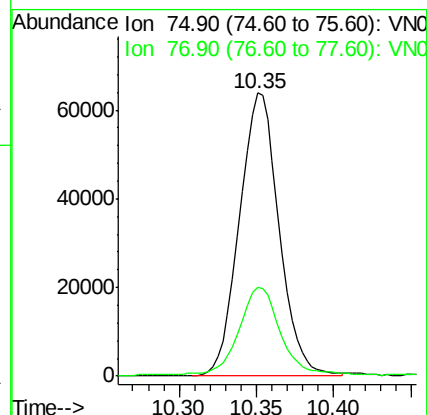
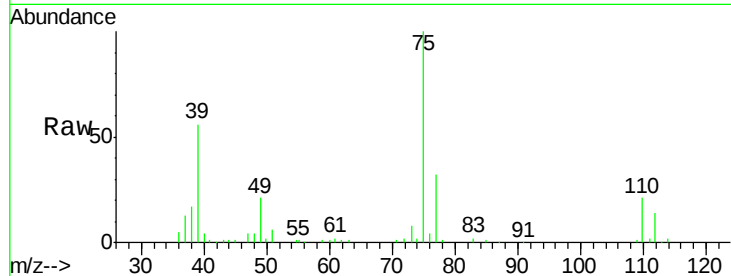
VN1116MBS01

Tot Ion: 75 Resp: 113901

Ion Ratio Lower Upper

75 100

77 30.6 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 17.957 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

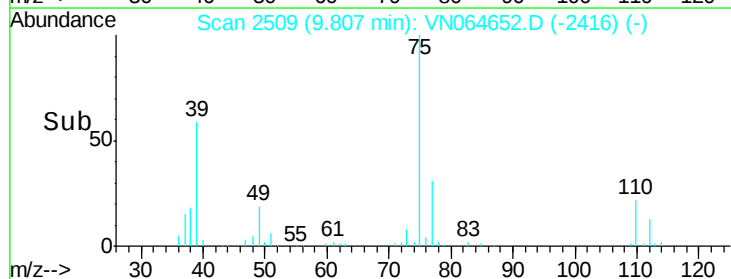
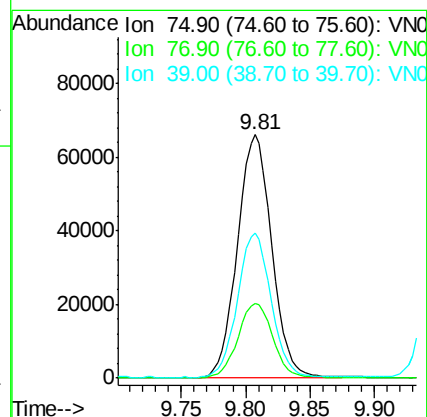
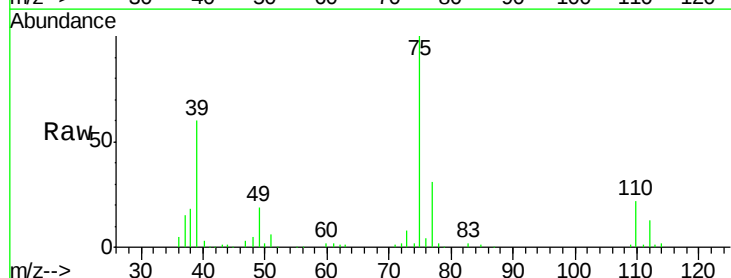
Tgt Ion: 75 Resp: 122976

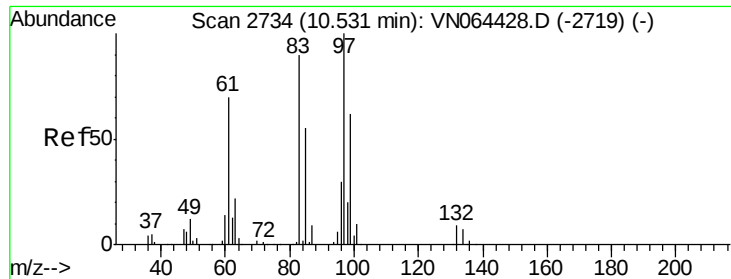
Ion Ratio Lower Upper

75 100

77 30.7 24.9 37.3

39 59.3 47.1 70.7





#55

1,1,2-Trichloroethane

Concen: 18.848 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampled :

VN1116MBS01

Tot Ion: 97 Resp: 71722

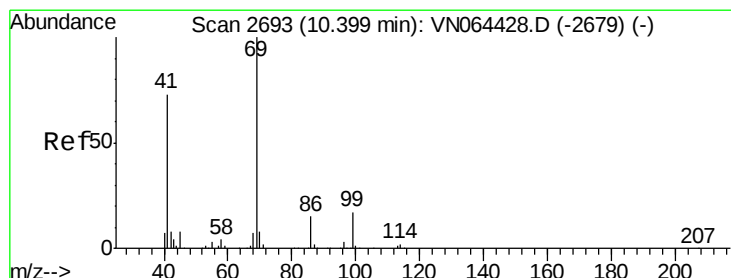
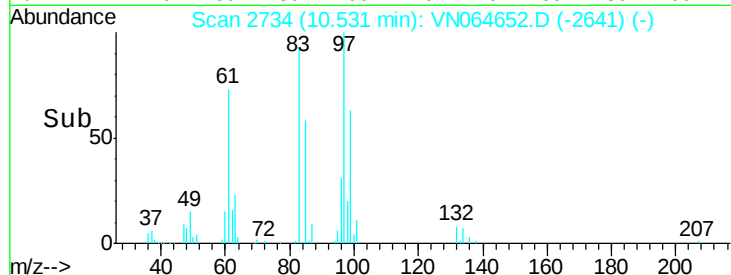
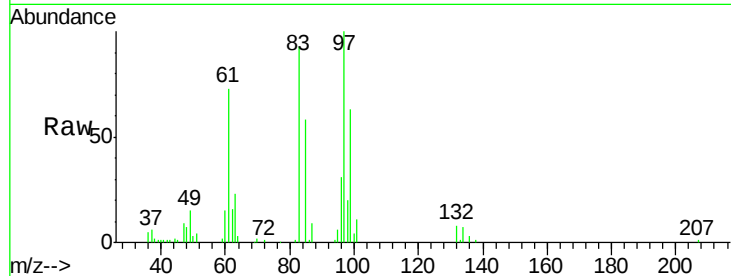
Ion	Ratio	Lower	Upper
97	100		
83	92.5	71.7	107.5
85	57.8	44.3	66.5
99	62.5	49.4	74.2

Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 15.391 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

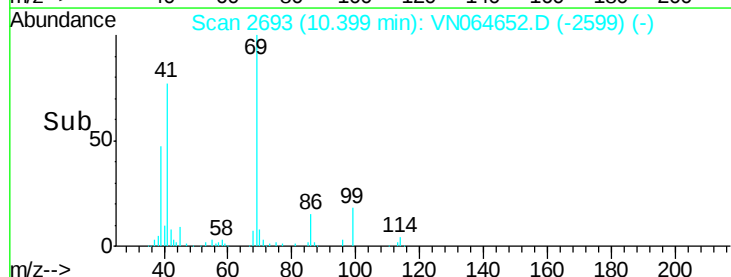
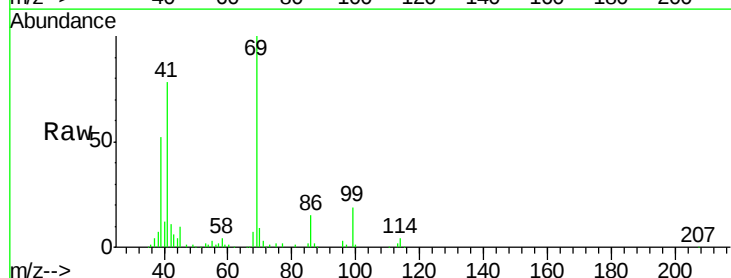
Tgt Ion: 69 Resp: 88078

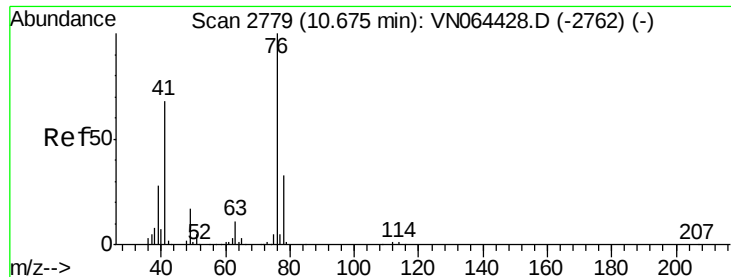
Ion	Ratio	Lower	Upper
69	100		
41	75.2	59.3	88.9
39	51.2	35.4	53.0

Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.555 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

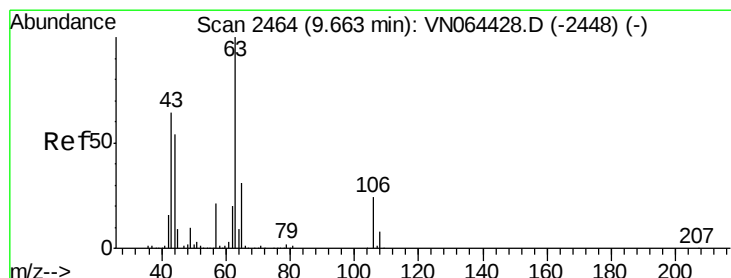
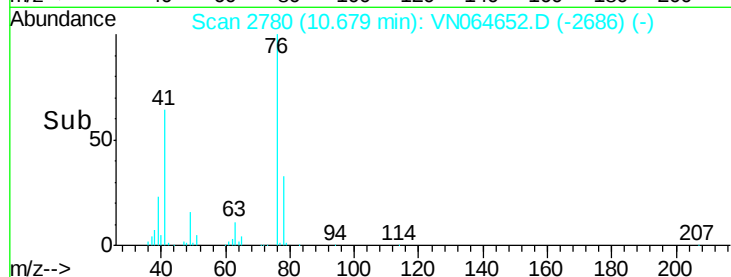
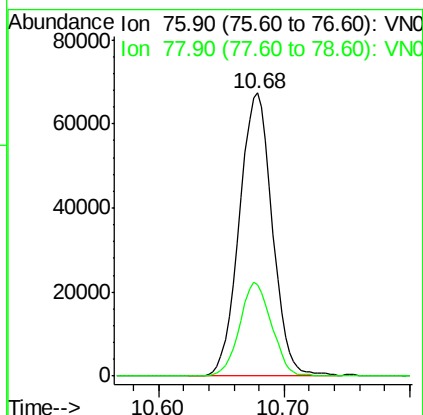
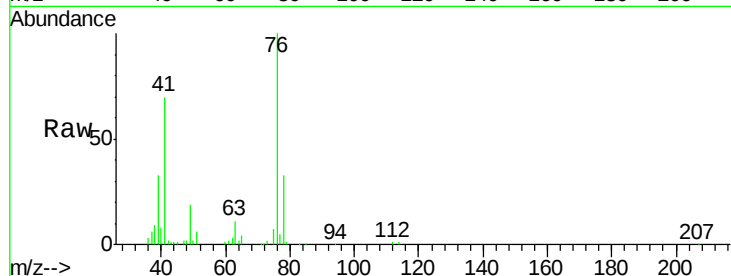
VN1116MBS01

Tot Ion: 76 Resp: 123237

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 95.882 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064652.D

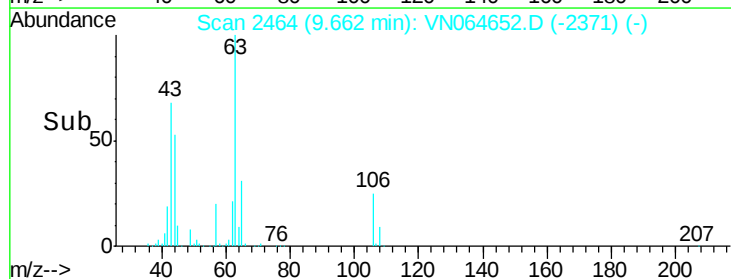
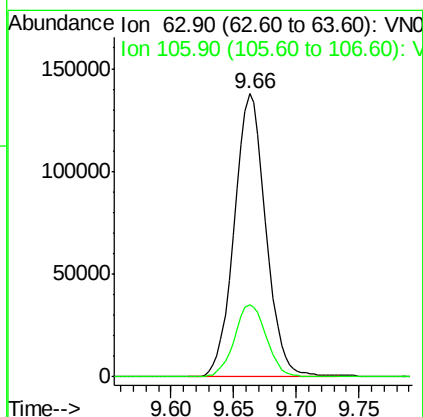
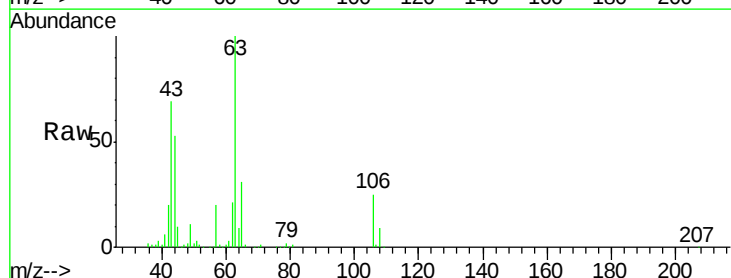
Acq: 16 Nov 2020 10:47

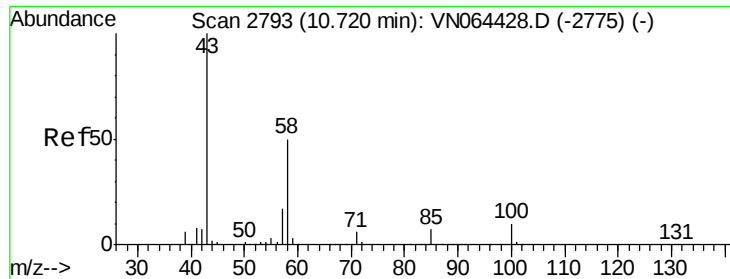
Tgt Ion: 63 Resp: 240665

Ion Ratio Lower Upper

63 100

106 25.9 19.5 29.3

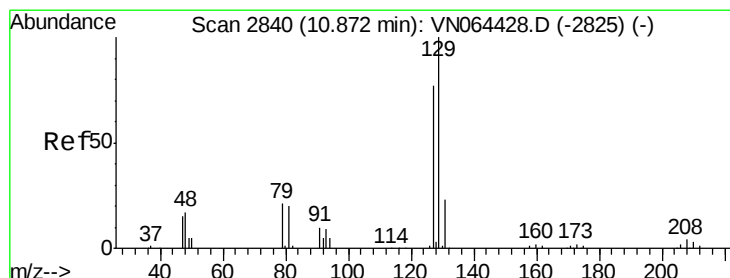
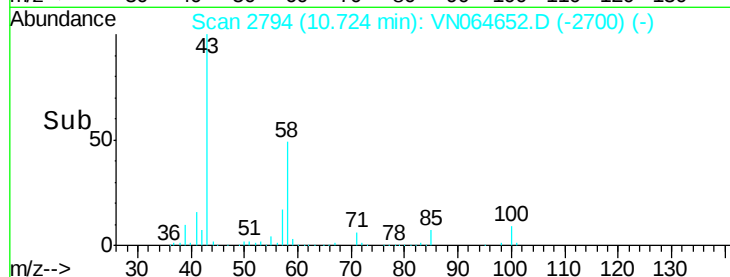
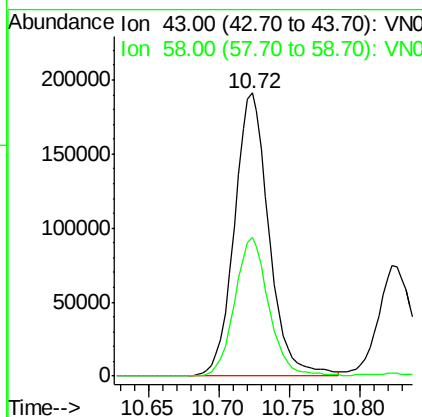
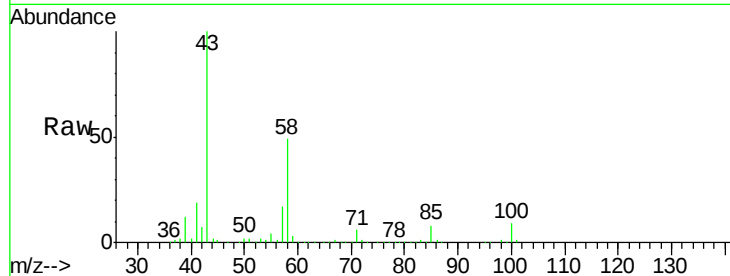




#59
2-Hexanone
Concen: 80.558 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

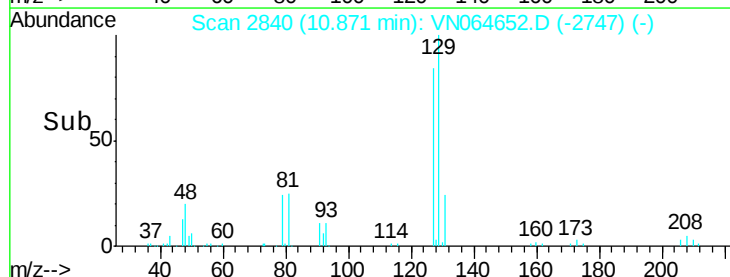
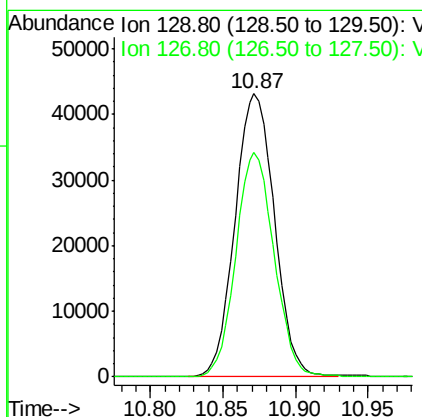
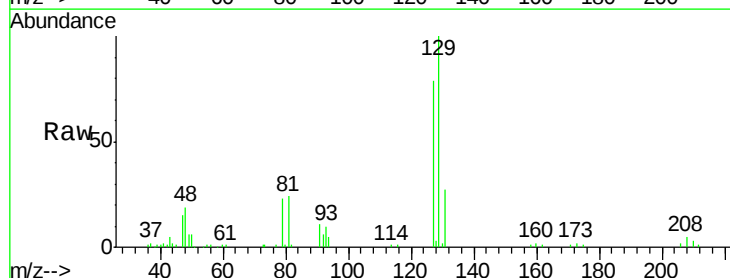
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

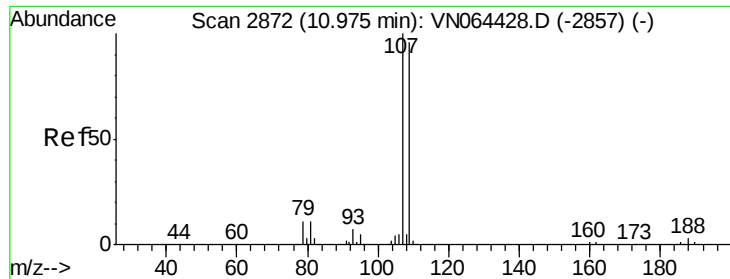
Tot Ion: 43 Resp: 326339
Ion Ratio Lower Upper
43 100
58 48.6 24.7 74.1



#60
Dibromochloromethane
Concen: 19.178 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Tgt Ion: 129 Resp: 81704
Ion Ratio Lower Upper
129 100
127 76.7 38.9 116.7

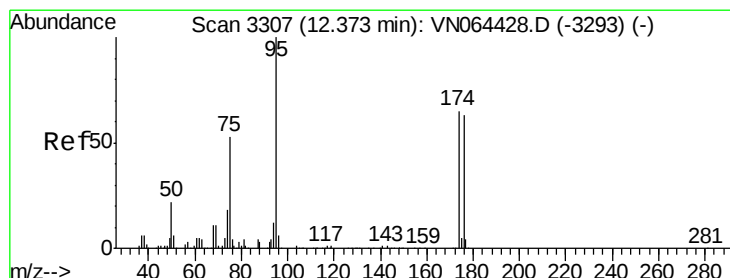
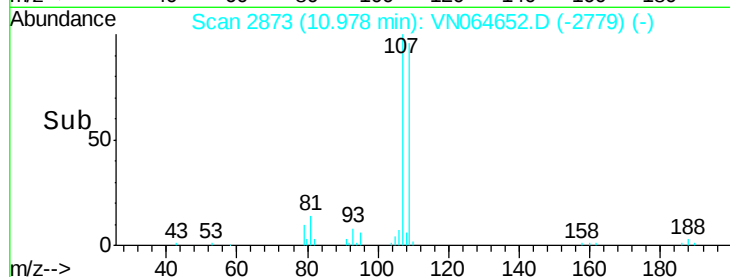
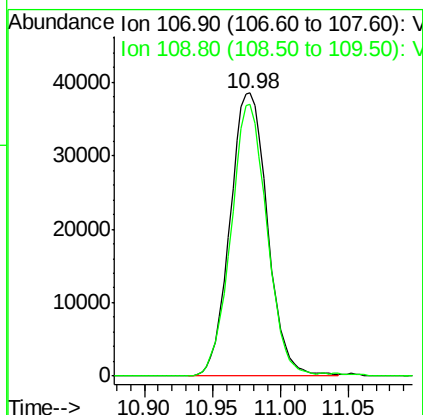
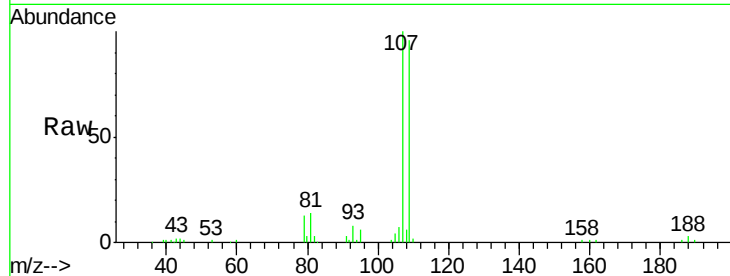




#61
 1,2-Dibromoethane
 Concen: 19.049 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

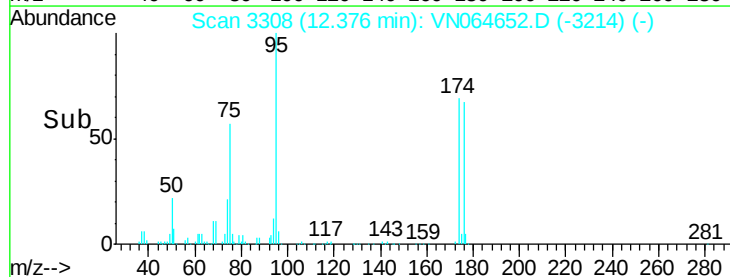
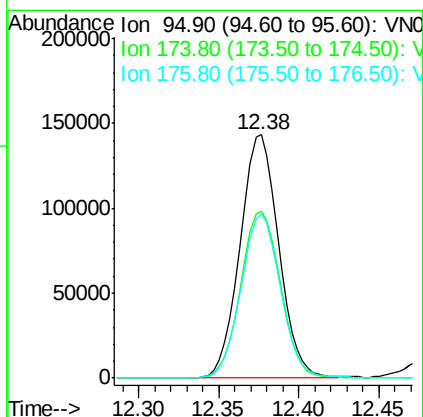
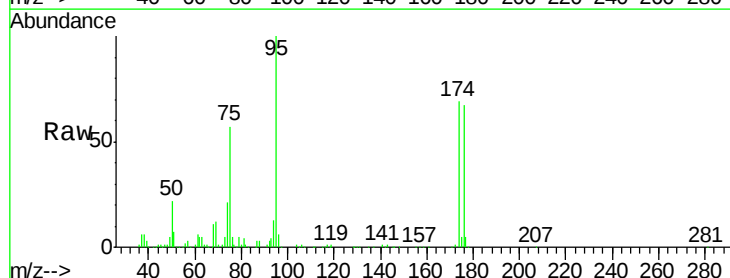
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

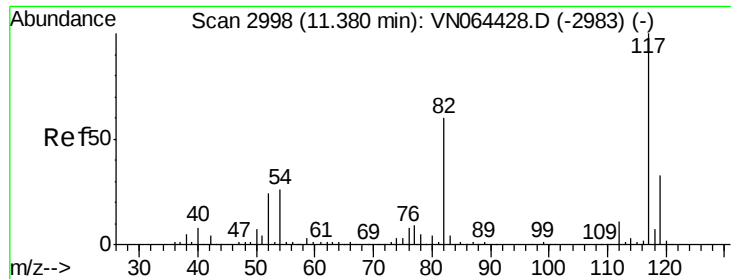
Tot Ion: 107 Resp: 73523
 Ion Ratio Lower Upper
 107 100
 109 92.1 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 46.089 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

Tgt Ion: 95 Resp: 236372
 Ion Ratio Lower Upper
 95 100
 174 70.9 0.0 132.6
 176 68.9 0.0 129.2

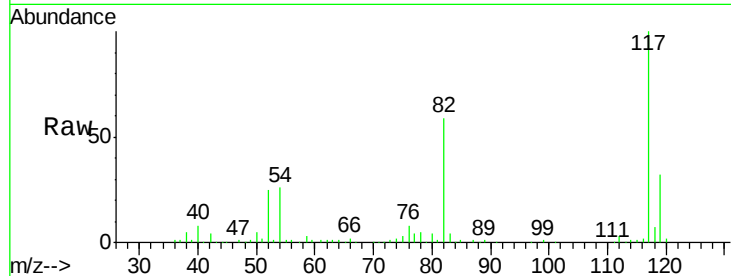




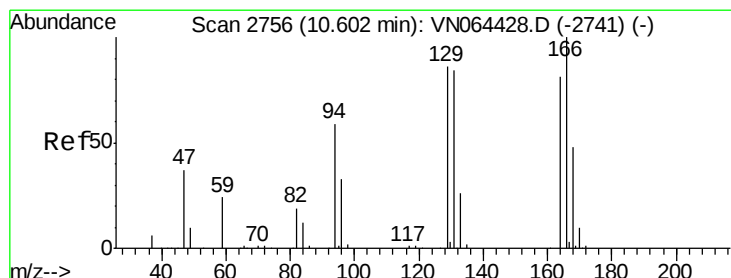
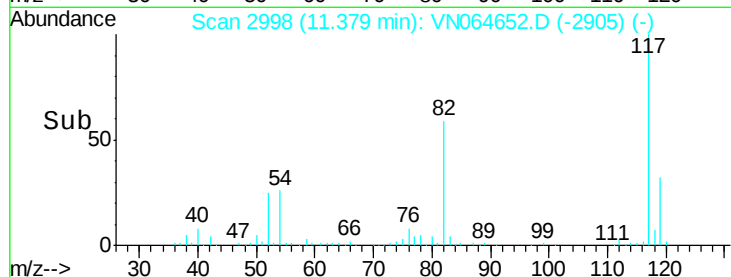
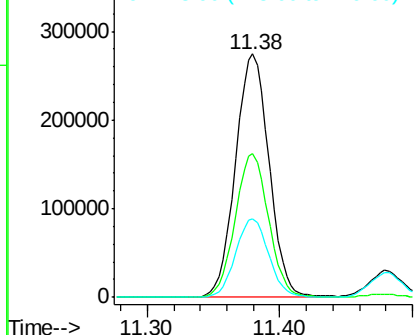
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

Tot Ion:117 Resp: 484245
Ion Ratio Lower Upper
117 100
82 59.1 48.1 72.1
119 32.4 26.2 39.4

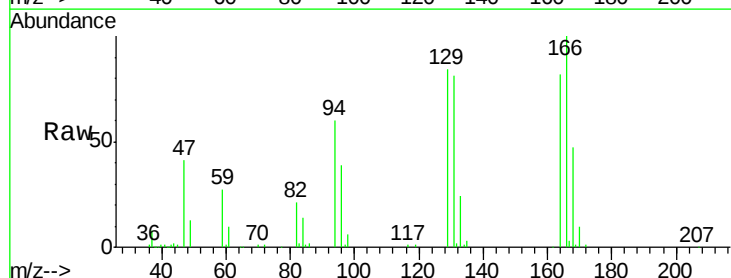


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

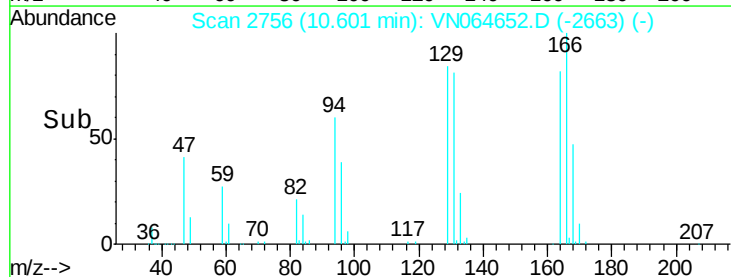
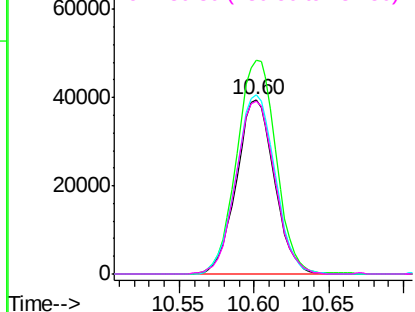


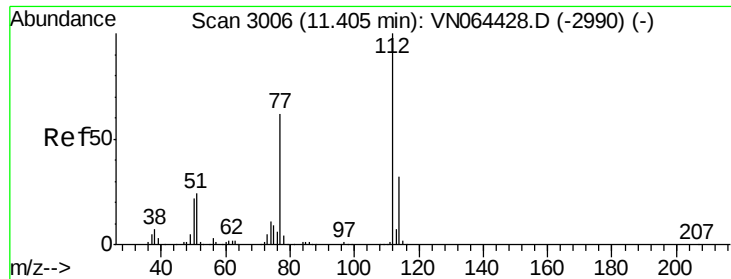
#64
Tetrachloroethene
Concen: 18.675 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Tgt Ion:164 Resp: 69661
Ion Ratio Lower Upper
164 100
166 122.4 98.2 147.2
129 102.5 84.6 127.0
131 99.2 82.2 123.2



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: 17.565 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

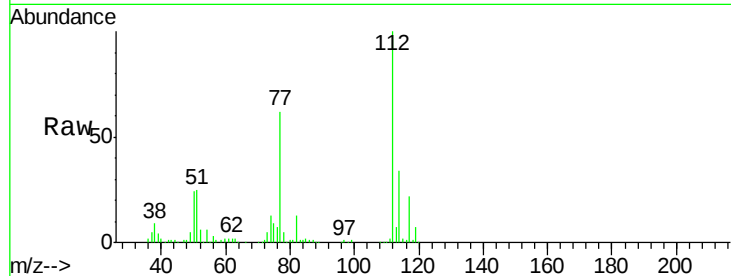
VN1116MBS01

Tot Ion:112 Resp: 186463

Ion Ratio Lower Upper

112 100

114 33.7 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

120000

100000

80000

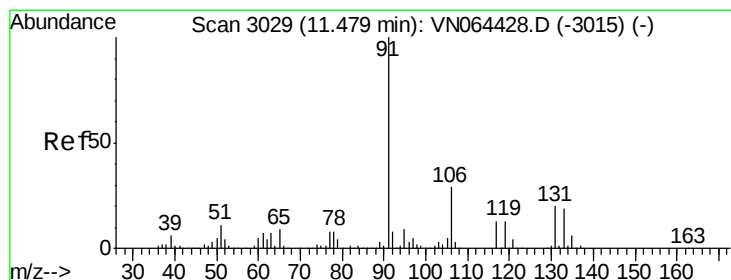
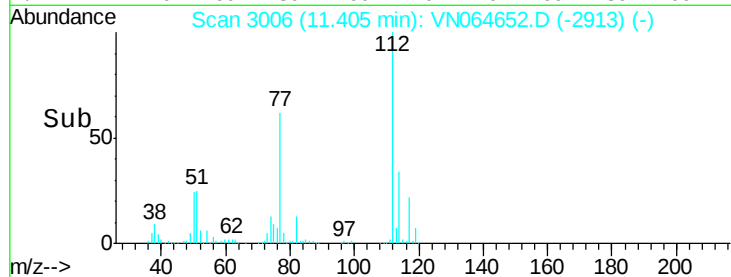
60000

40000

20000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 18.833 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

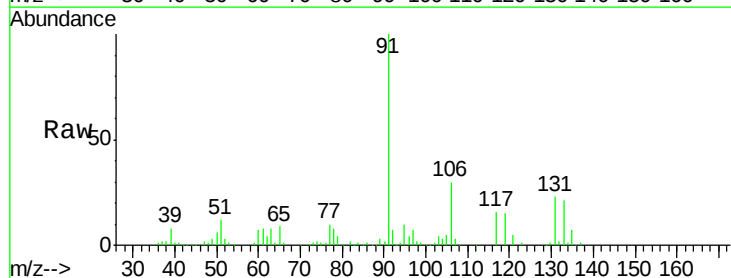
Tgt Ion:131 Resp: 74586

Ion Ratio Lower Upper

131 100

133 95.4 46.9 140.7

119 65.6 32.1 96.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.48

80000

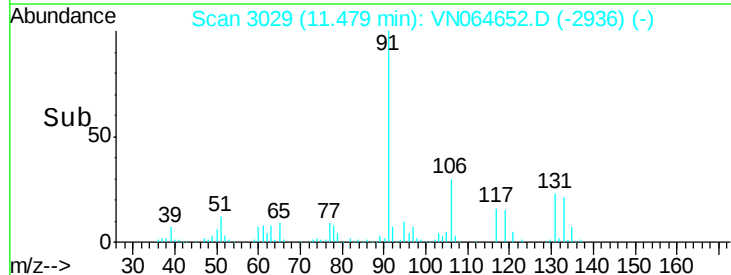
60000

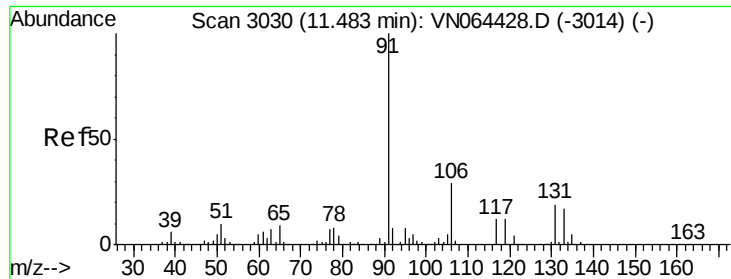
40000

20000

0

Time--> 11.40 11.45 11.50 11.55

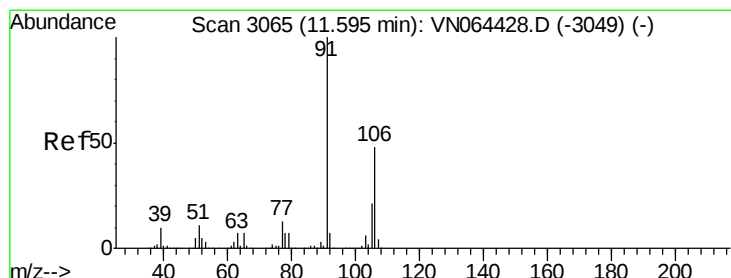
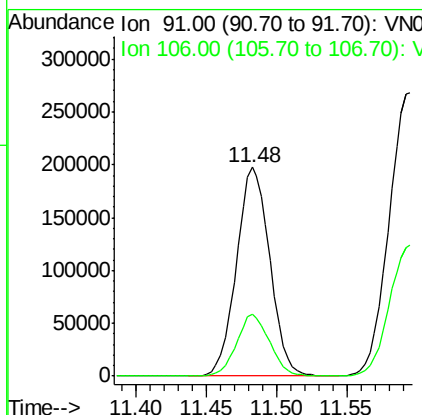
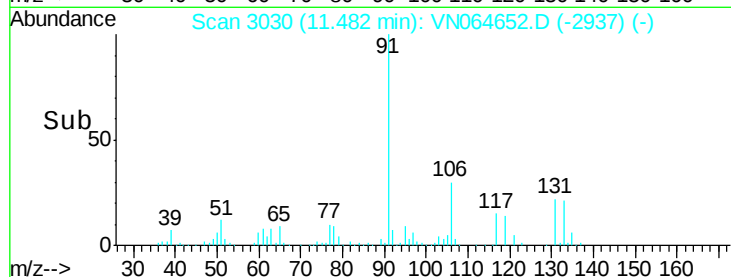
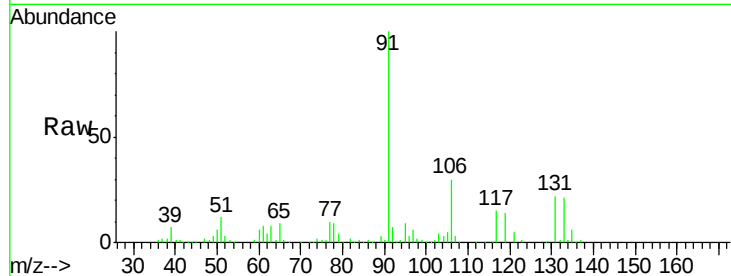




#67
Ethyl Benzene
Concen: 17.374 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

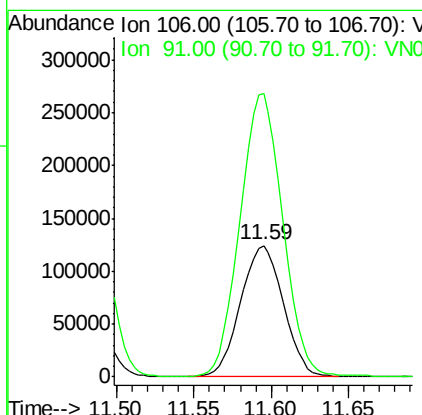
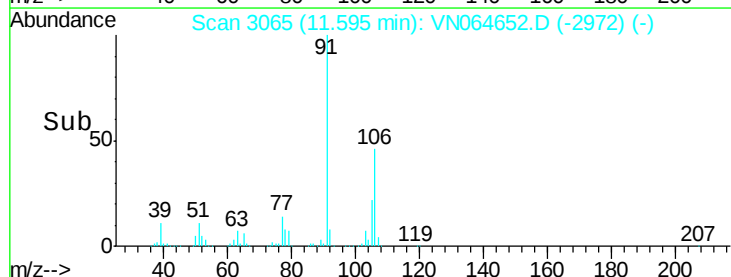
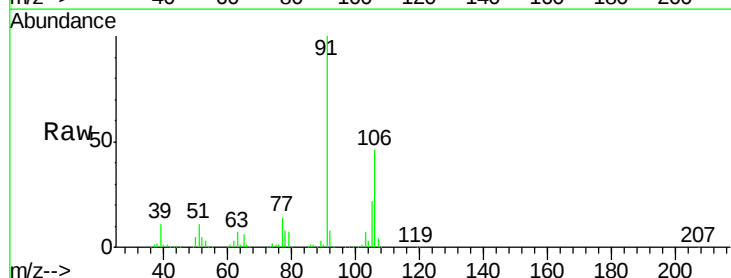
Instrument :
MSVOA_N
ClientSampled :
VN1116MBS01

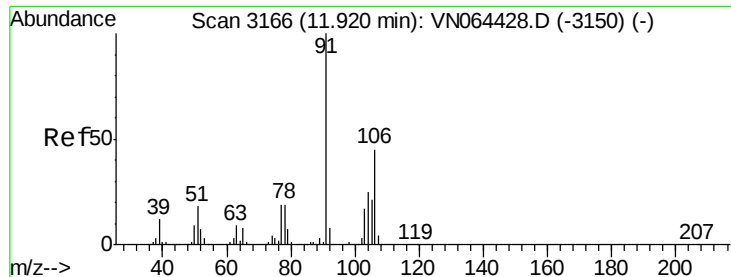
Tot Ion: 91 Resp: 328061
Ion Ratio Lower Upper
91 100
106 30.0 23.6 35.4



#68
m/p-Xylenes
Concen: 34.799 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Tgt Ion: 106 Resp: 238303
Ion Ratio Lower Upper
106 100
91 216.7 169.4 254.2

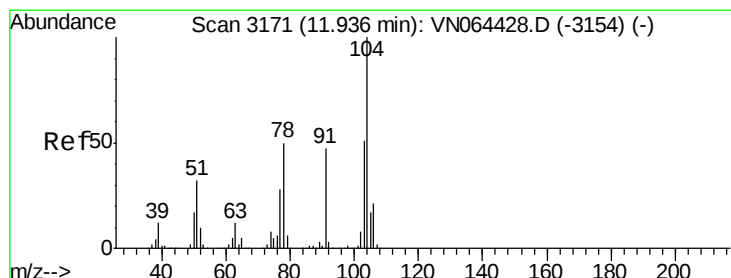
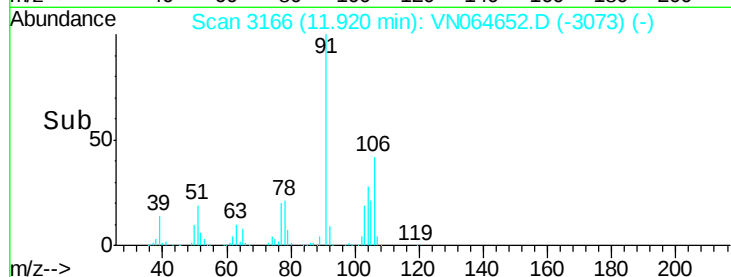
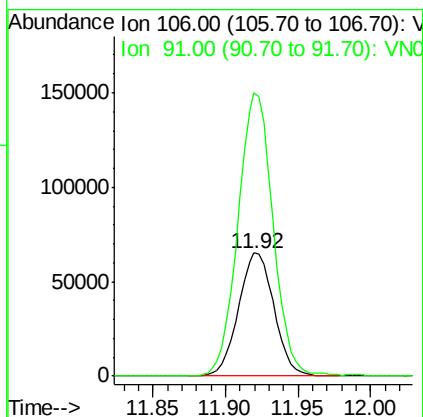
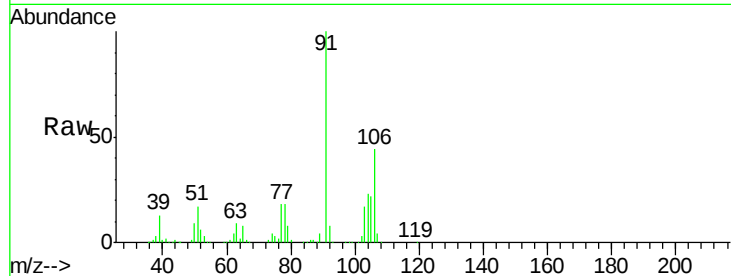




#69
o-Xylene
Concen: 16.835 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

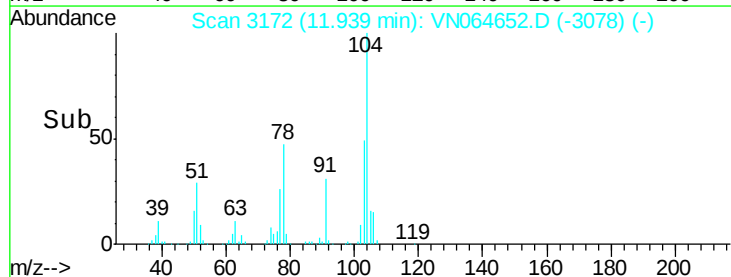
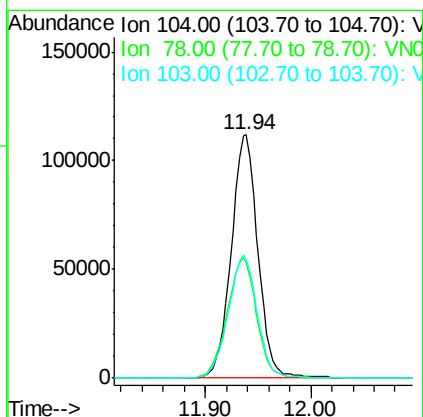
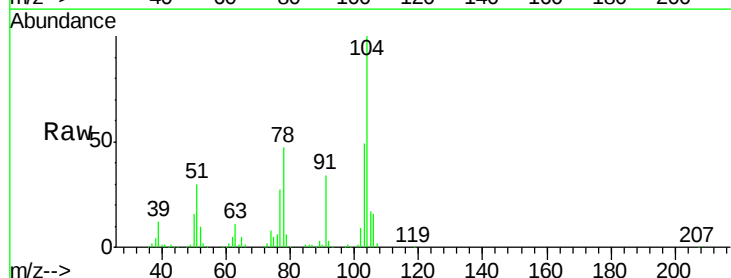
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

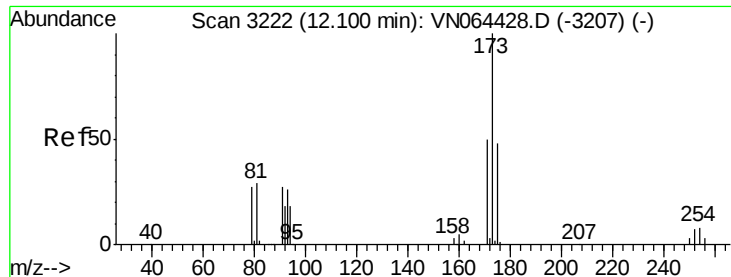
Tot Ion:106 Resp: 111404
Ion Ratio Lower Upper
106 100
91 225.7 111.7 334.9



#70
Styrene
Concen: 17.581 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Tgt Ion:104 Resp: 195765
Ion Ratio Lower Upper
104 100
78 54.1 44.0 66.0
103 54.6 43.8 65.6





#71

Bromoform

Concen: 17.778 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN1116MBS01

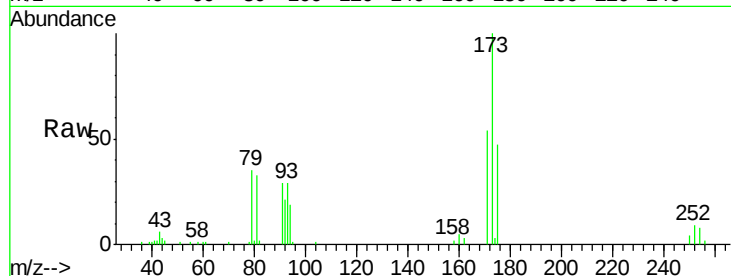
Tot Ion:173 Resp: 50359

Ion Ratio Lower Upper

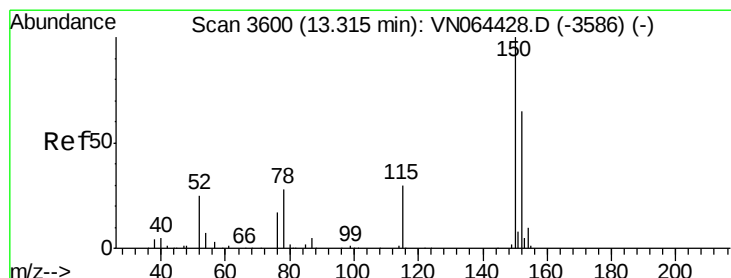
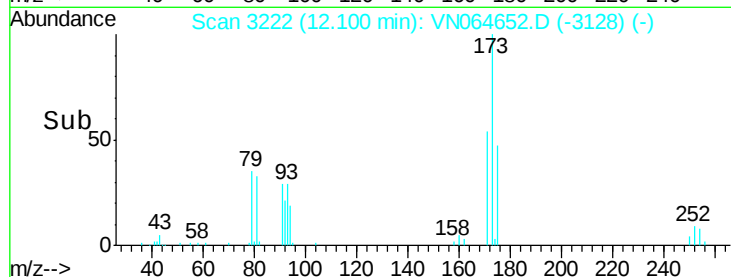
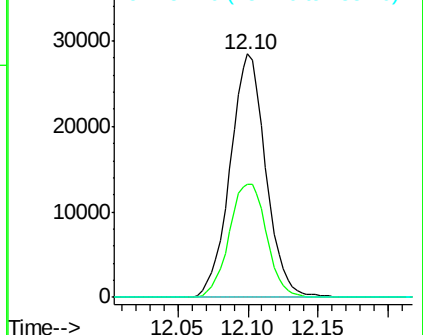
173 100

175 48.8 23.7 71.1

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: VN064652.D

Acq: 16 Nov 2020 10:47

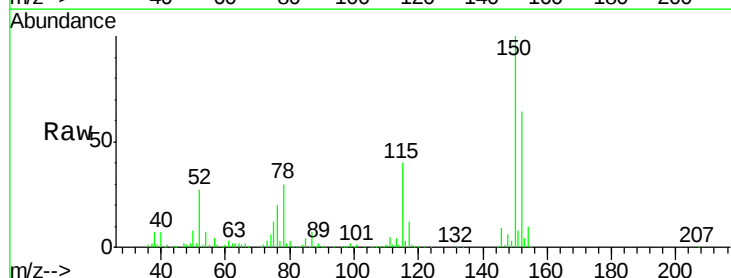
Tgt Ion:152 Resp: 222499

Ion Ratio Lower Upper

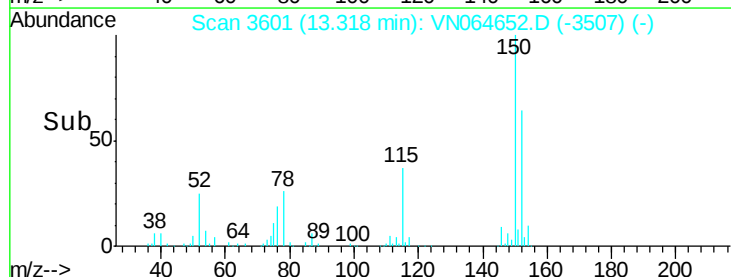
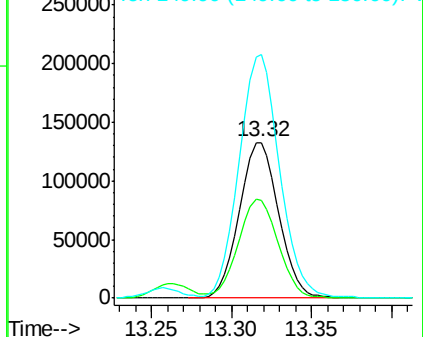
152 100

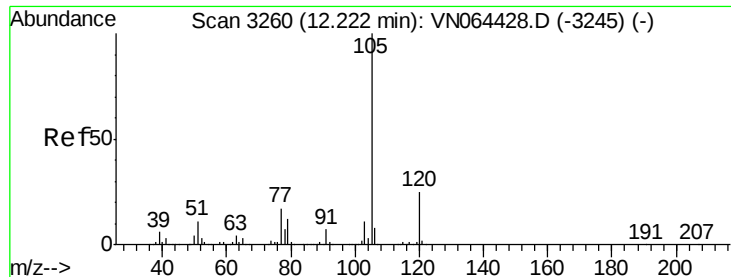
115 64.2 32.0 96.0

150 161.3 0.0 353.8



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: 17.053 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

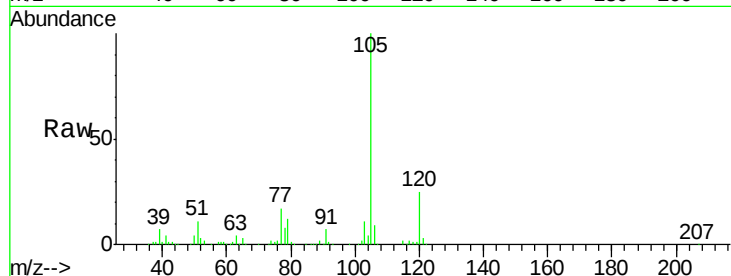
VN1116MBS01

Tot Ion:105 Resp: 301586

Ion Ratio Lower Upper

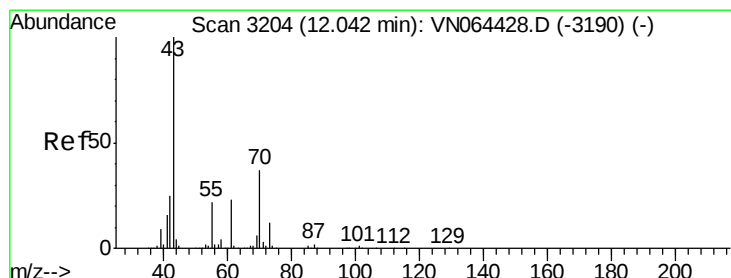
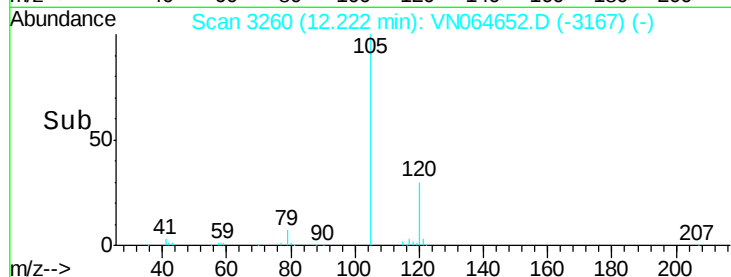
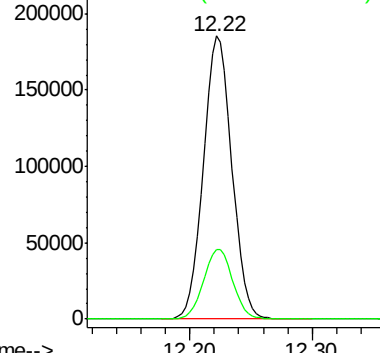
105 100

120 25.3 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 14.925 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Tgt Ion: 43 Resp: 120526

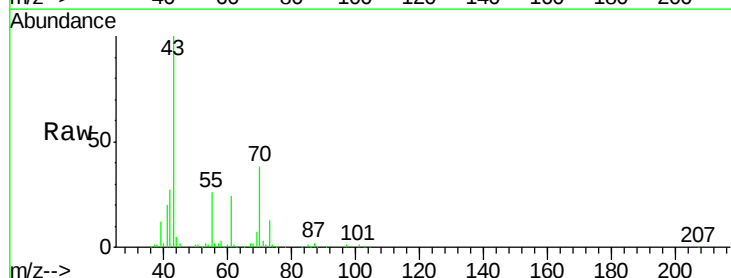
Ion Ratio Lower Upper

43 100

70 36.9 29.6 44.4

55 25.8 18.4 27.6

61 22.4 17.8 26.6

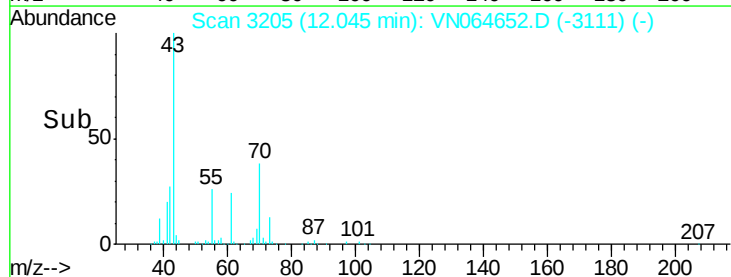
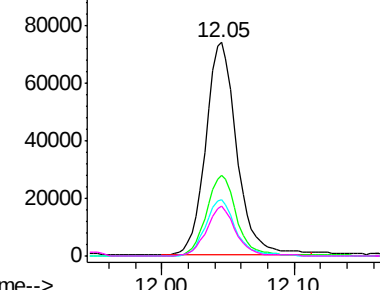


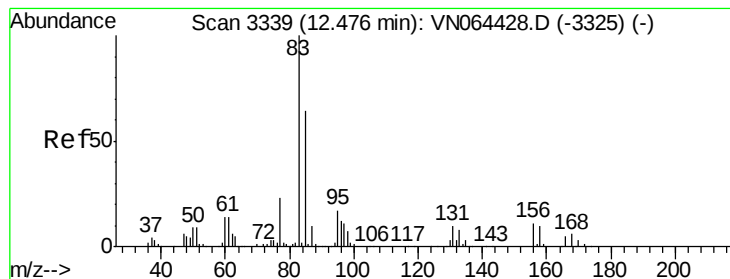
Abundance Ion 43.00 (42.70 to 43.70): V

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: 18.078 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN1116MBS01

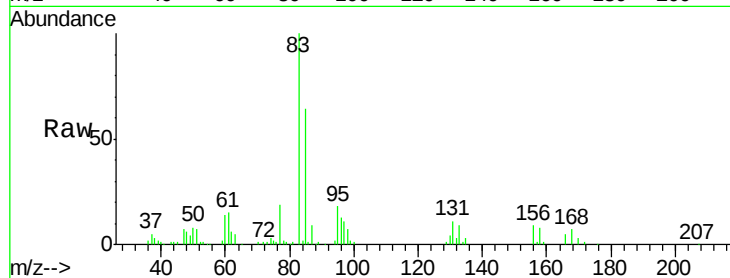
Tot Ion: 83 Resp: 98197

Ion Ratio Lower Upper

83 100

131 10.4 4.9 14.7

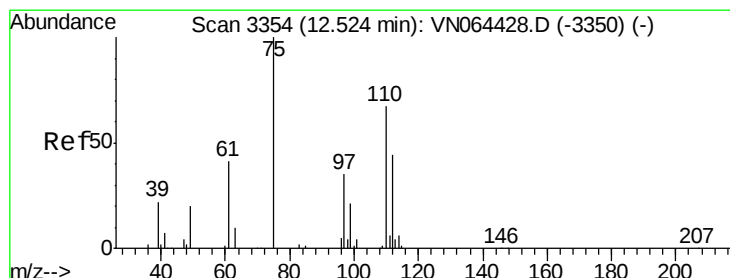
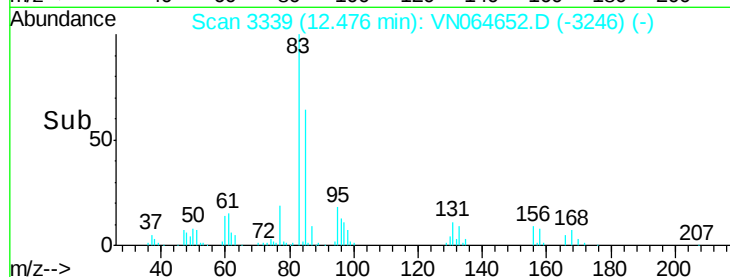
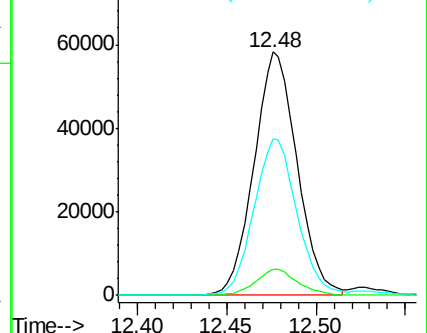
85 64.3 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064428.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 25.272 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064652.D

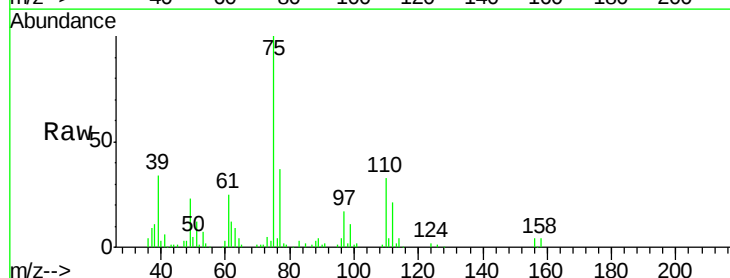
Acq: 16 Nov 2020 10:47

Tgt Ion: 75 Resp: 136239

Ion Ratio Lower Upper

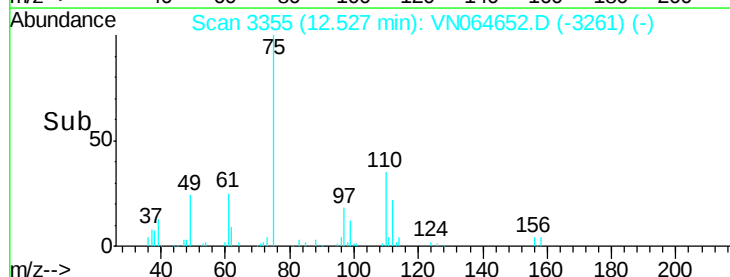
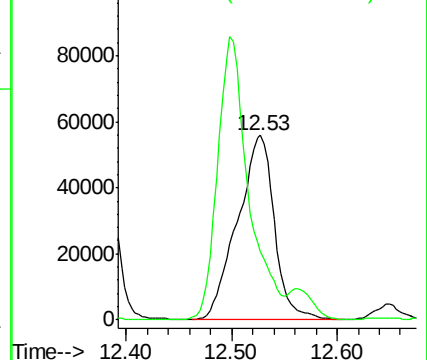
75 100

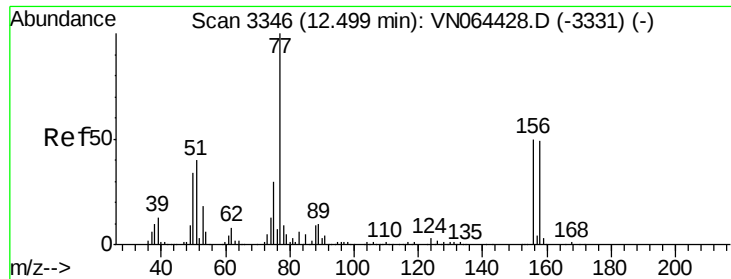
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064428.D (-3350) (-)





#77

Bromobenzene

Concen: 17.151 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN1116MBS01

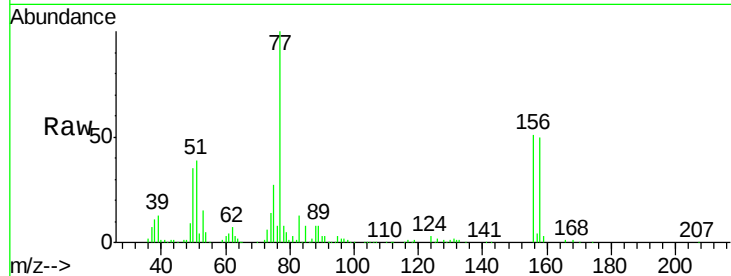
Tot Ion:156 Resp: 74054

Ion Ratio Lower Upper

156 100

77 235.5 119.0 357.0

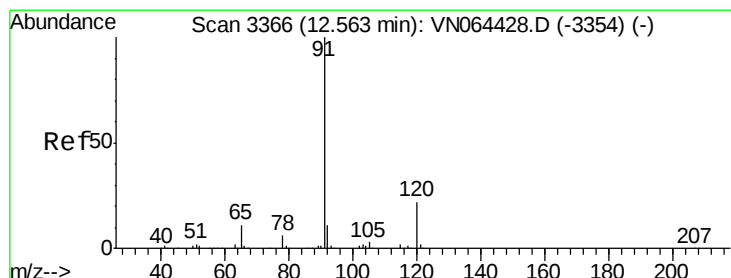
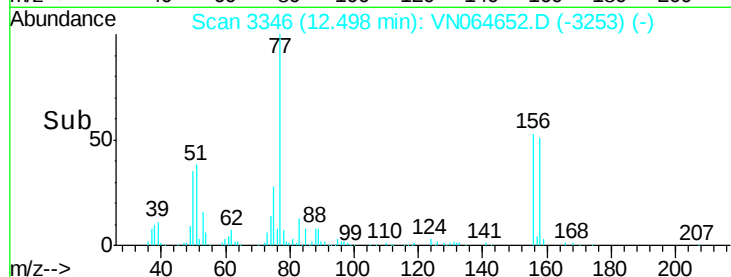
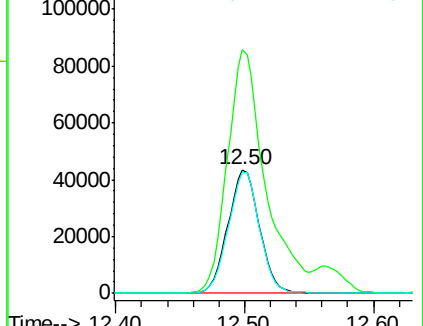
158 96.6 48.4 145.3



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: 17.516 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064652.D

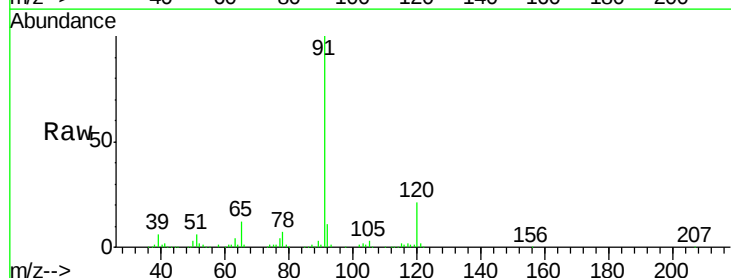
Acq: 16 Nov 2020 10:47

Tgt Ion: 91 Resp: 353164

Ion Ratio Lower Upper

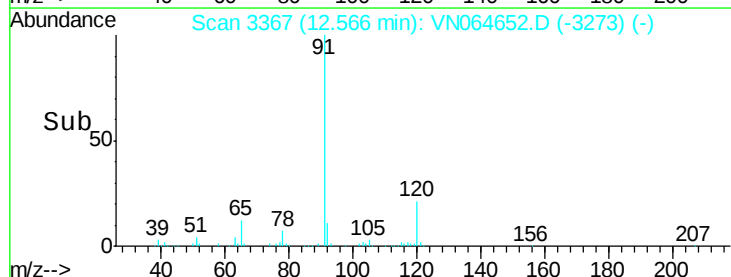
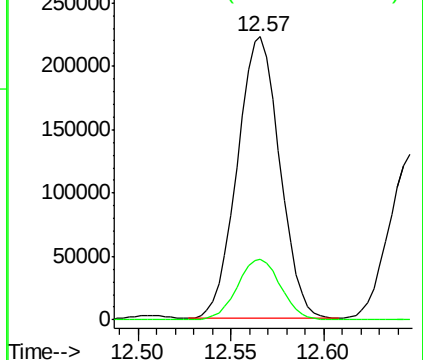
91 100

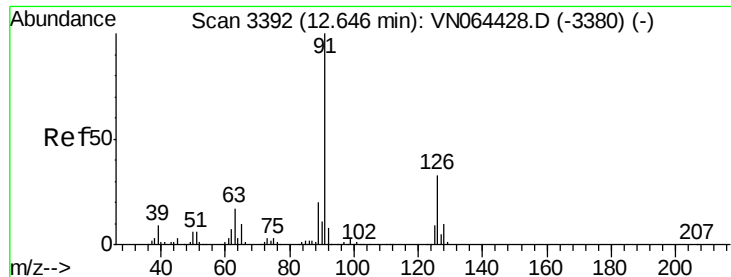
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.102 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

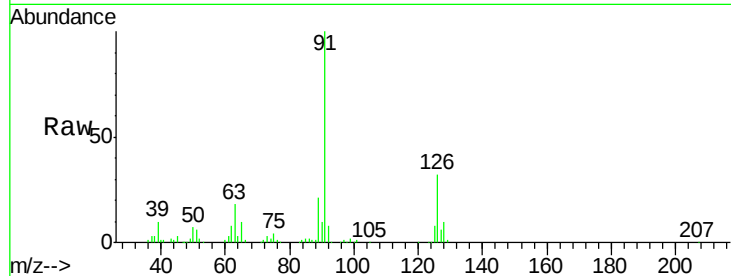
VN1116MBS01

Tot Ion: 91 Resp: 218691

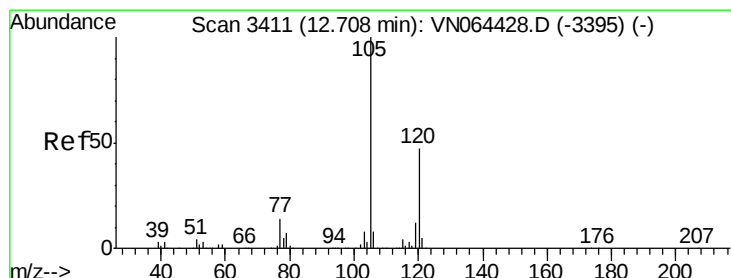
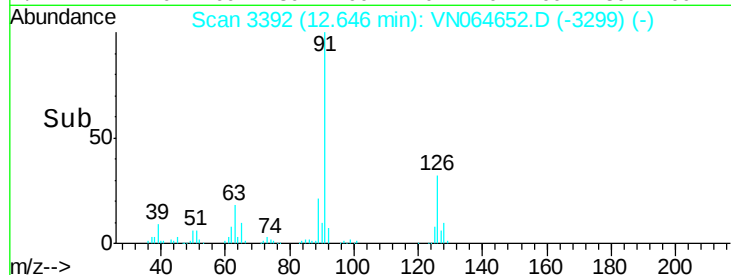
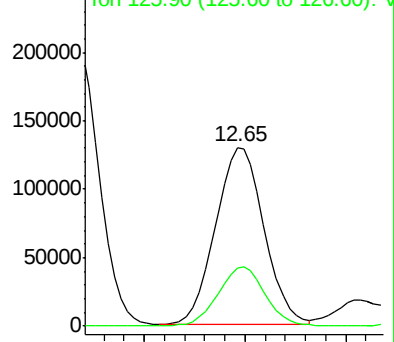
Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 17.612 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064652.D

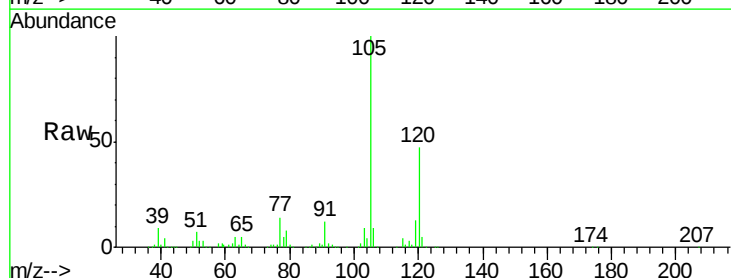
Acq: 16 Nov 2020 10:47

Tgt Ion: 105 Resp: 256954

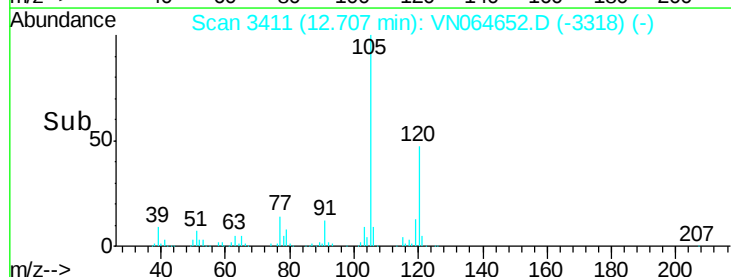
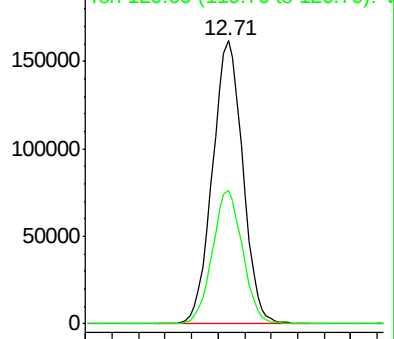
Ion Ratio Lower Upper

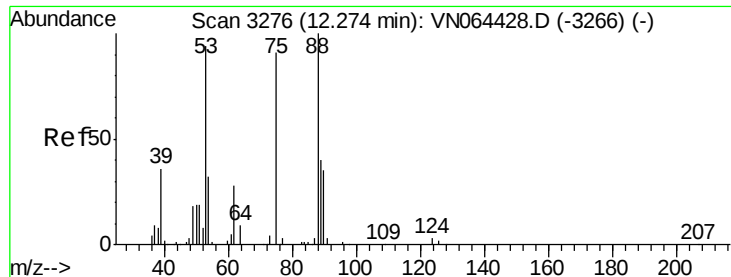
105 100

120 47.0 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 15.409 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampled :

VN1116MBS01

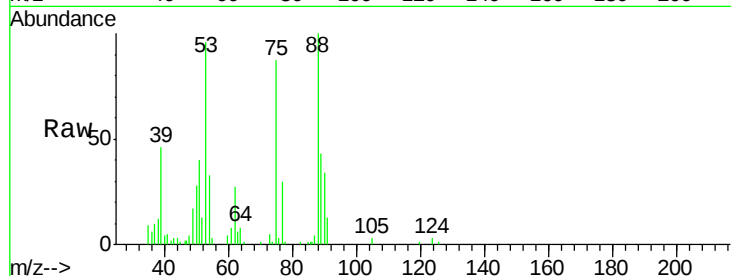
Tot Ion: 75 Resp: 29752

Ion Ratio Lower Upper

75 100

53 122.9 84.0 126.0

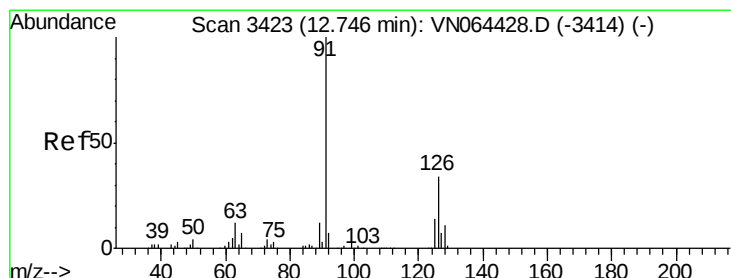
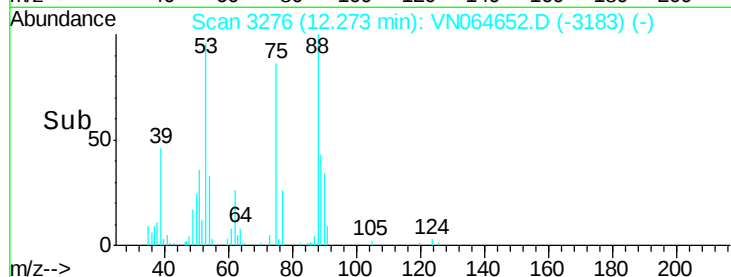
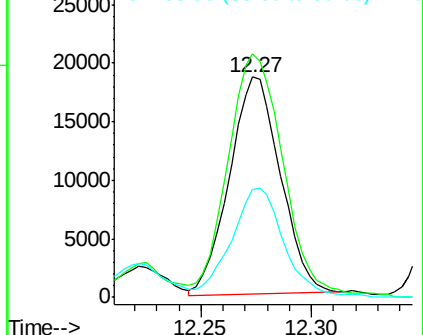
89 52.0 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 17.640 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064652.D

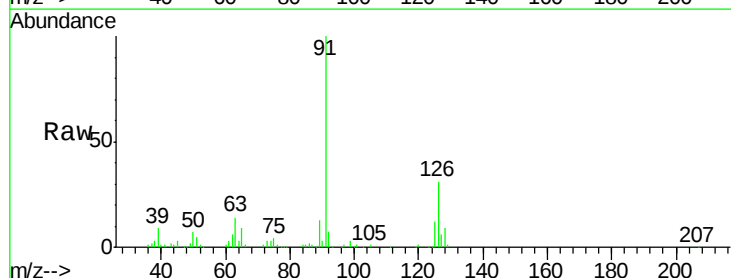
Acq: 16 Nov 2020 10:47

Tgt Ion: 91 Resp: 236238

Ion Ratio Lower Upper

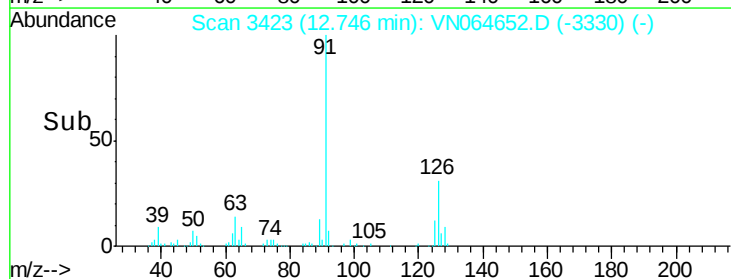
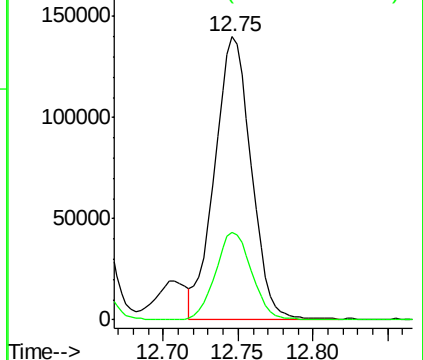
91 100

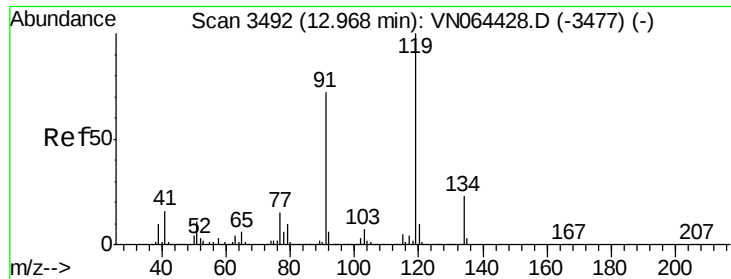
126 31.2 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

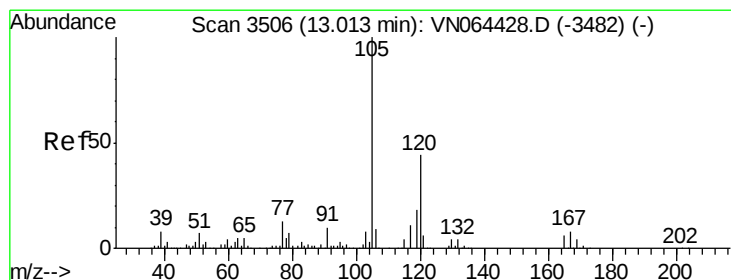
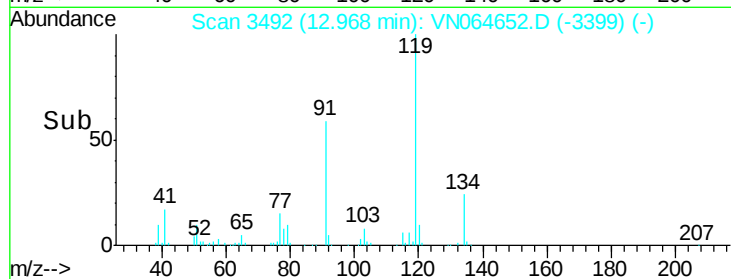
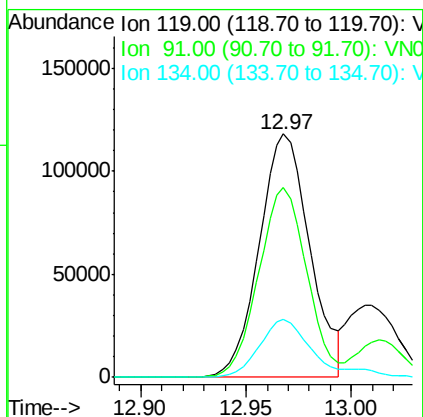
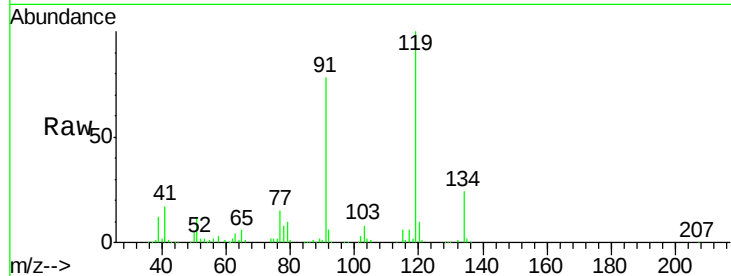




#83
 tert-Butylbenzene
 Concen: 17.278 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

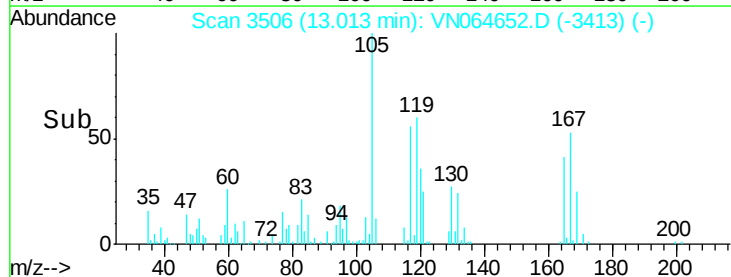
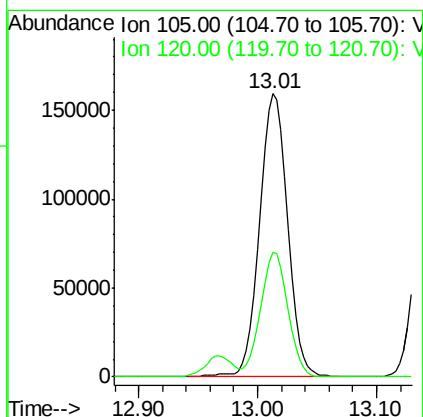
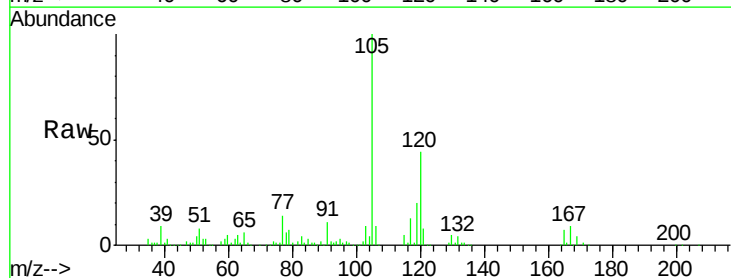
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

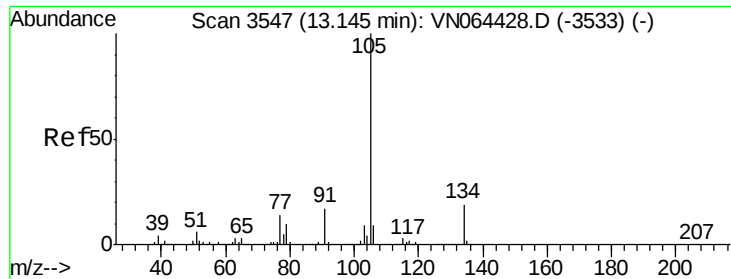
Tot Ion:119 Resp: 196873
 Ion Ratio Lower Upper
 119 100
 91 74.2 36.1 108.3
 134 25.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.763 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

Tgt Ion:105 Resp: 260527
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.9 65.7





#85

sec-Butylbenzene

Concen: 18.401 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

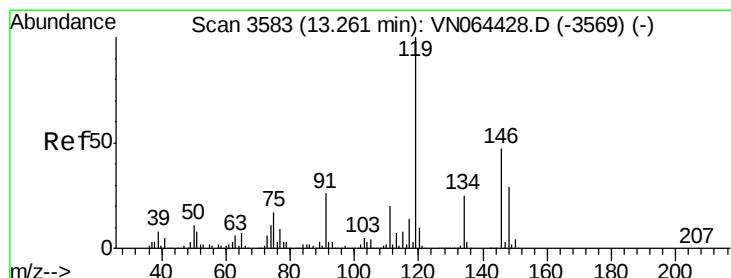
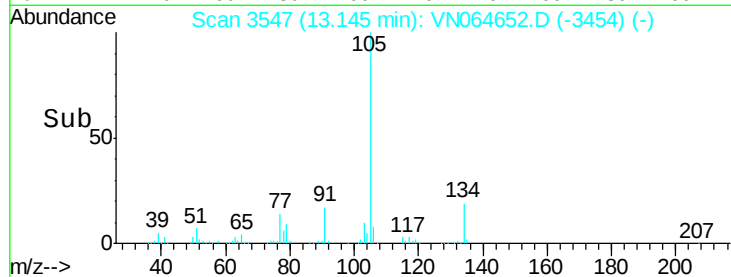
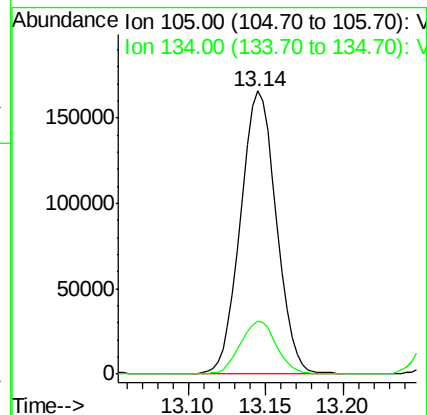
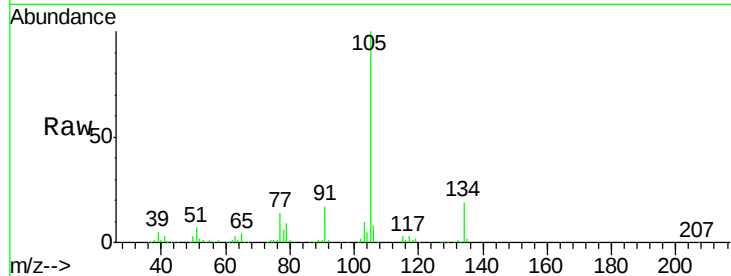
VN1116MBS01

Tot Ion:105 Resp: 265540

Ion Ratio Lower Upper

105 100

134 19.2 9.4 28.2



#86

p-Isopropyltoluene

Concen: 17.921 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

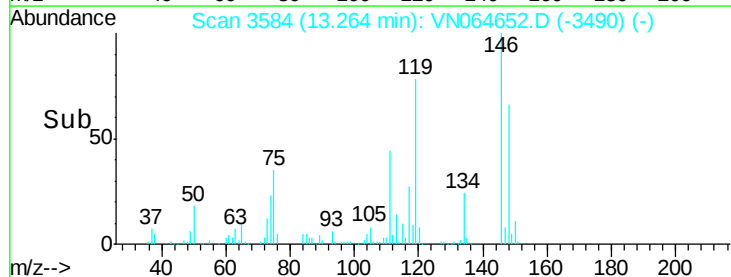
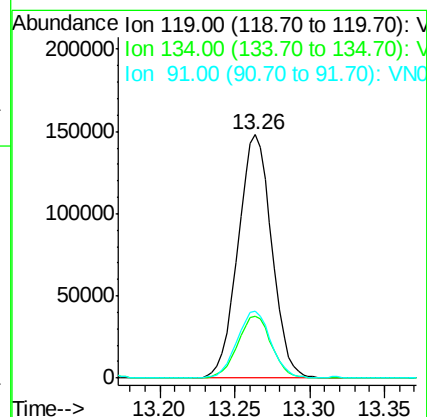
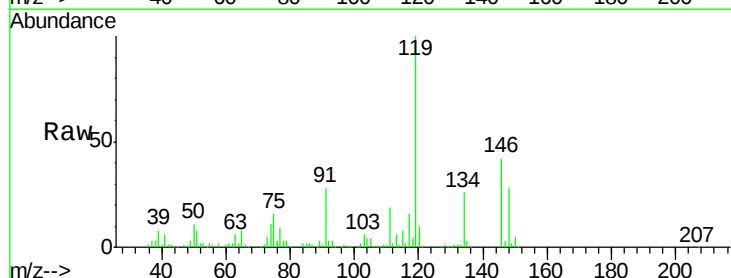
Tgt Ion:119 Resp: 232621

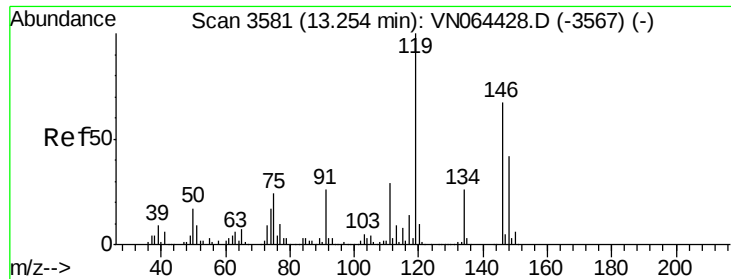
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.6

91 27.4 12.8 38.3

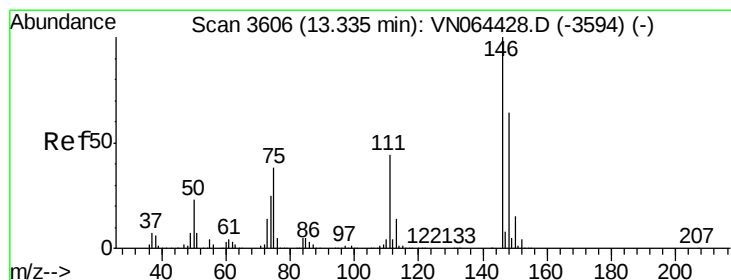
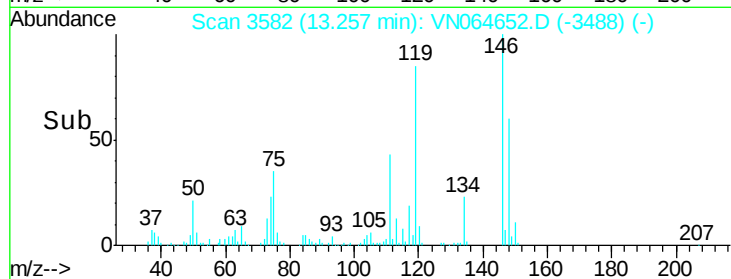
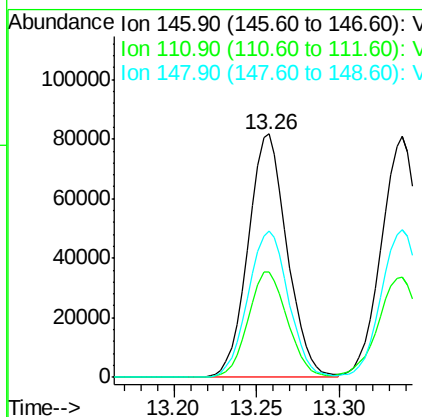
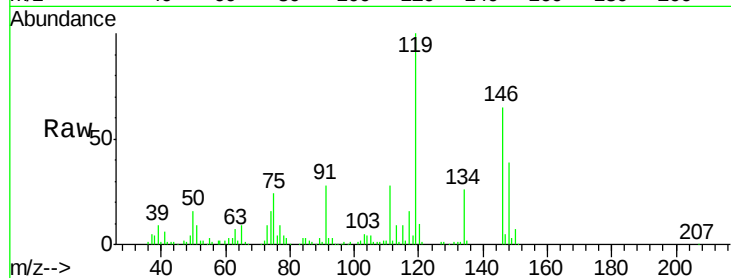




#87
 1,3-Dichlorobenzene
 Concen: 17.876 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

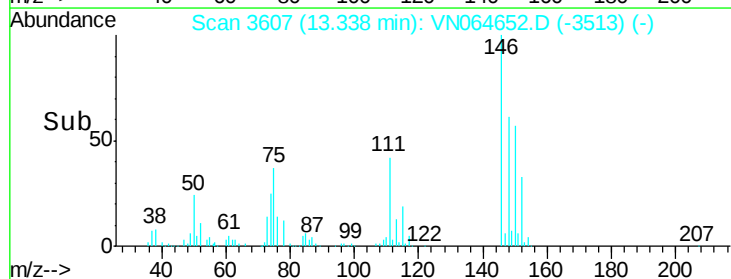
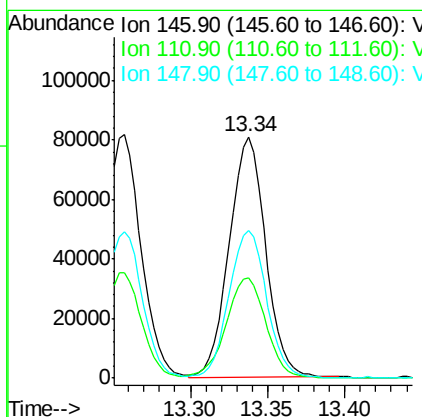
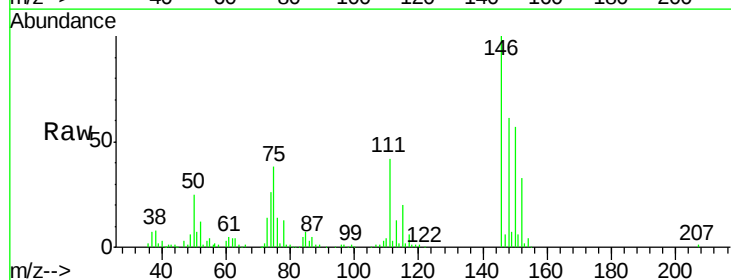
Instrument :
 MSVOA_N
 ClientSampled :
 VN1116MBS01

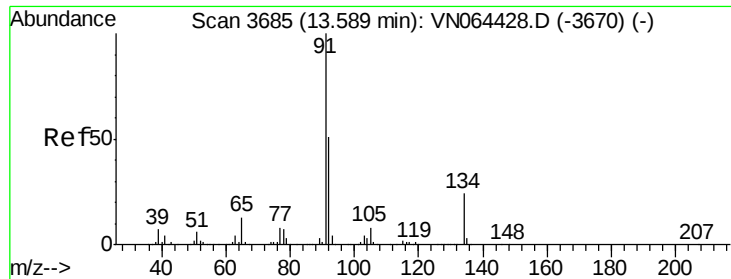
Tot Ion:146 Resp: 133422
 Ion Ratio Lower Upper
 146 100
 111 43.6 22.1 66.1
 148 62.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 17.099 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

Tgt Ion:146 Resp: 131884
 Ion Ratio Lower Upper
 146 100
 111 45.8 21.8 65.3
 148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 17.708 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064652.D

Acq: 16 Nov 2020 10:47

Instrument :

MSVOA_N

ClientSampleId :

VN1116MBS01

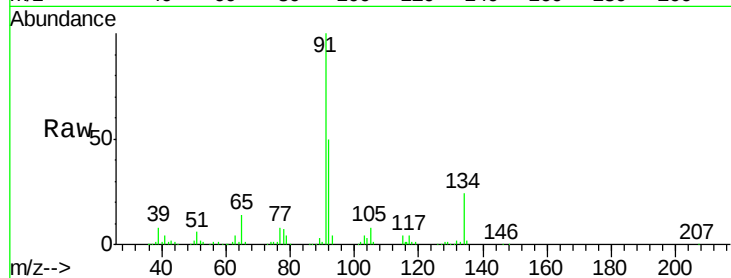
Tot Ion: 91 Resp: 197634

Ion Ratio Lower Upper

91 100

92 49.9 25.3 75.9

134 22.9 11.8 35.4

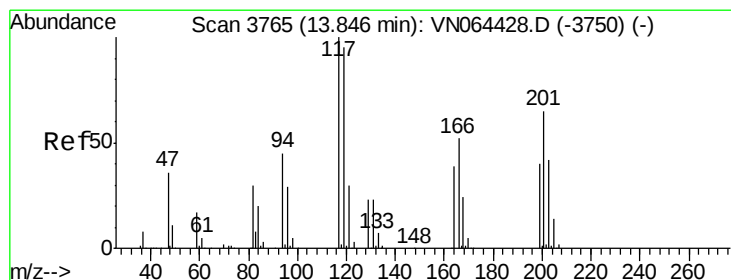
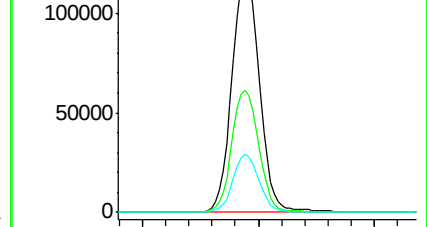
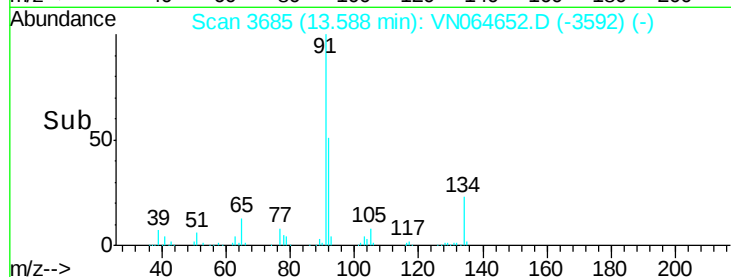


Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064428.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064428.D (-3670) (-)

Time-->



#90

Hexachloroethane

Concen: 19.586 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064652.D

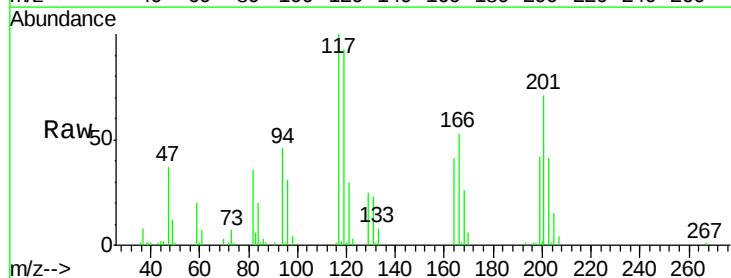
Acq: 16 Nov 2020 10:47

Tgt Ion: 117 Resp: 49042

Ion Ratio Lower Upper

117 100

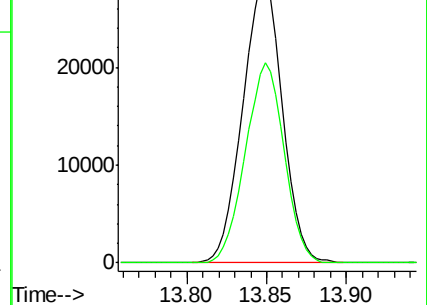
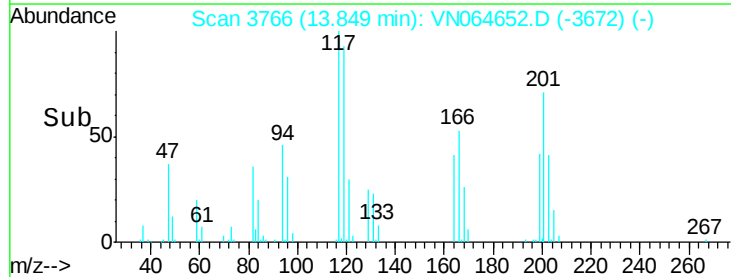
201 68.9 32.5 97.5

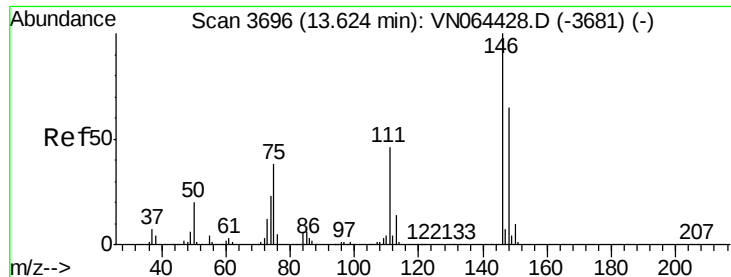


Abundance Ion 116.80 (116.50 to 117.50): VN064428.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN064428.D (-3750) (-)

Time-->

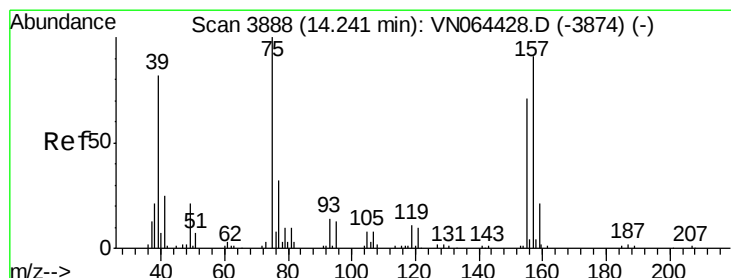
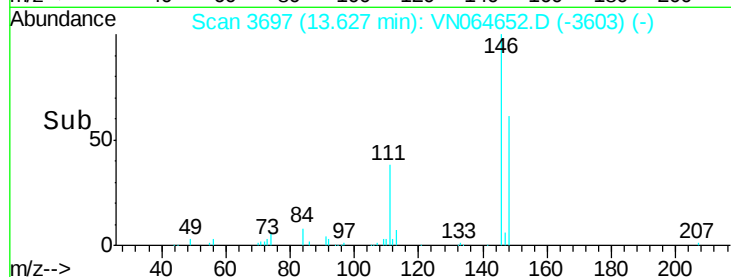
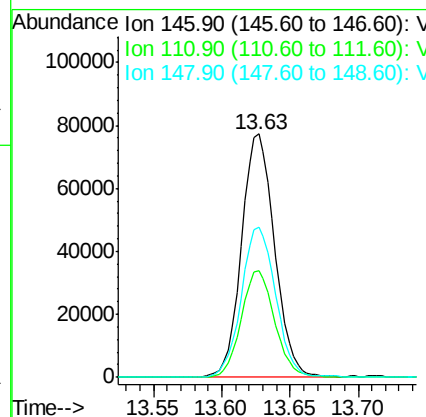
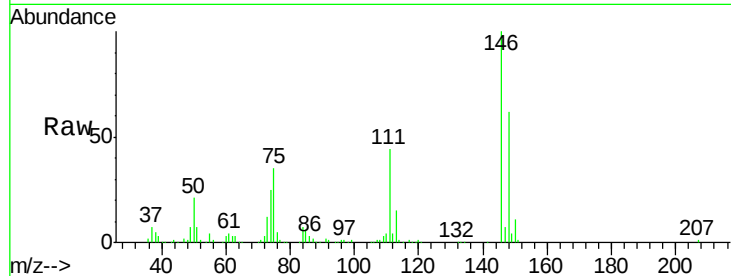




#91
 1,2-Dichlorobenzene
 Concen: 18.190 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

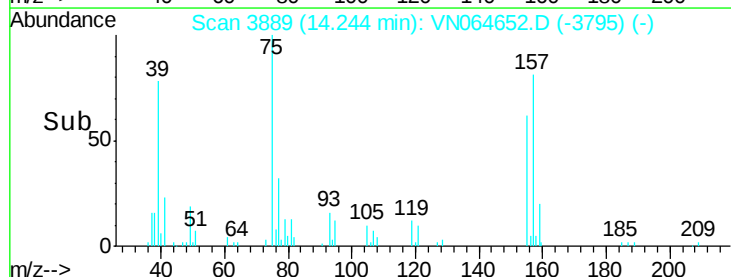
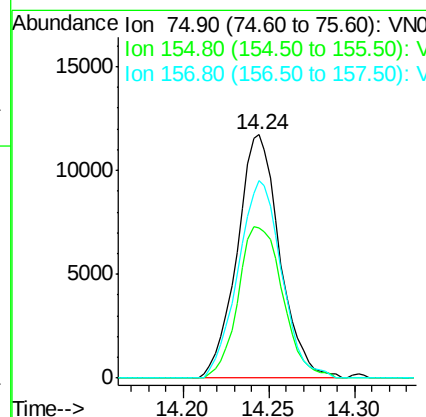
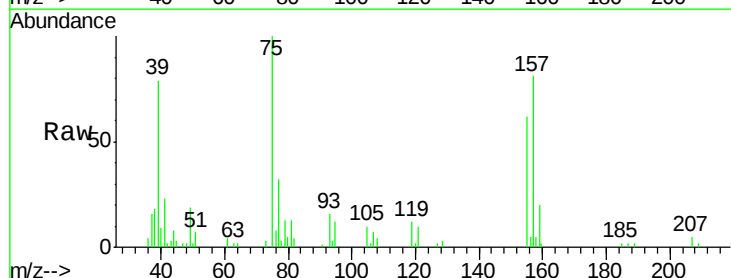
Instrument :
 MSVOA_N
 ClientSampled :
 VN1116MBS01

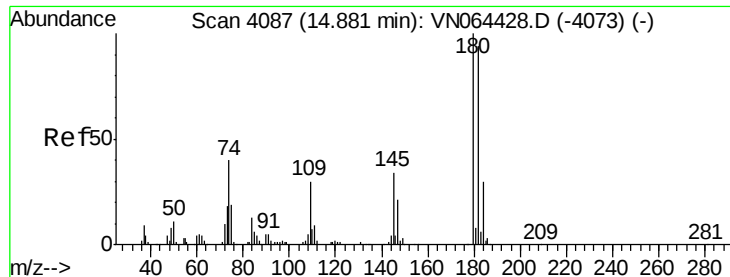
Tot Ion:146 Resp: 130589
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.9 68.7
 148 64.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.736 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

Tgt Ion: 75 Resp: 20263
 Ion Ratio Lower Upper
 75 100
 155 65.0 34.6 103.9
 157 82.7 43.0 128.8

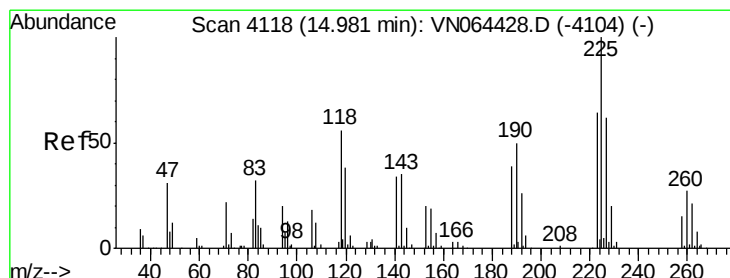
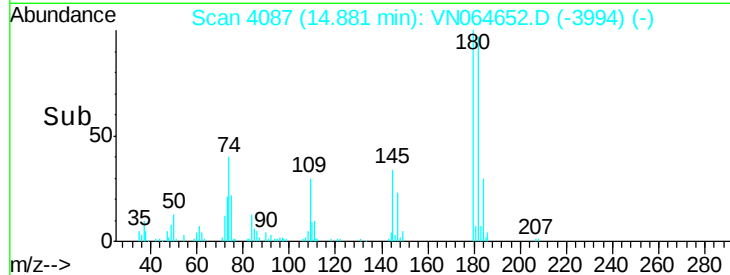
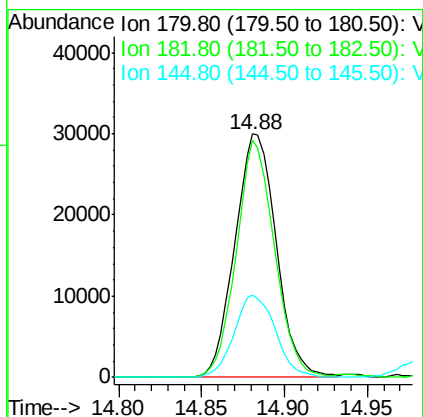
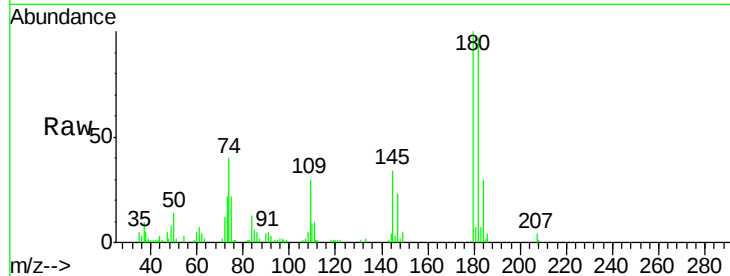




#93
 1,2,4-Trichlorobenzene
 Concen: 16.464 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

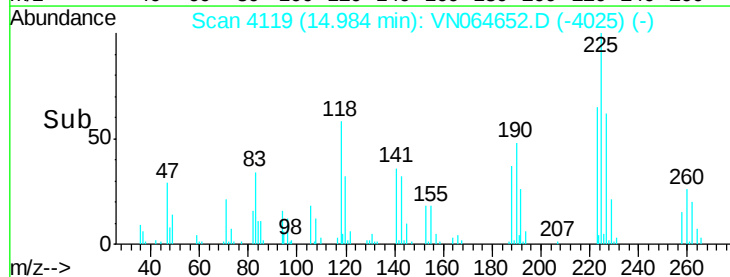
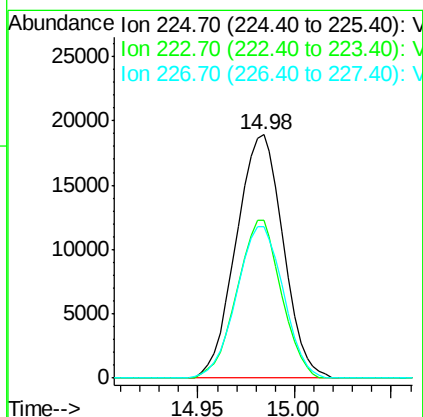
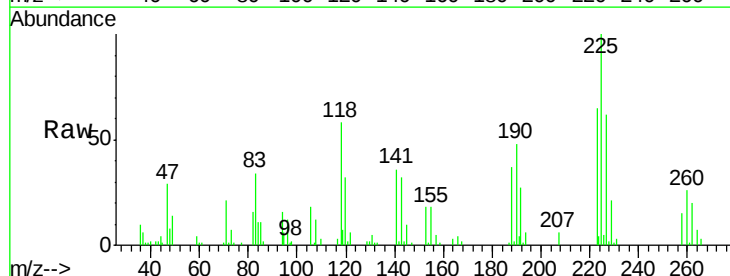
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

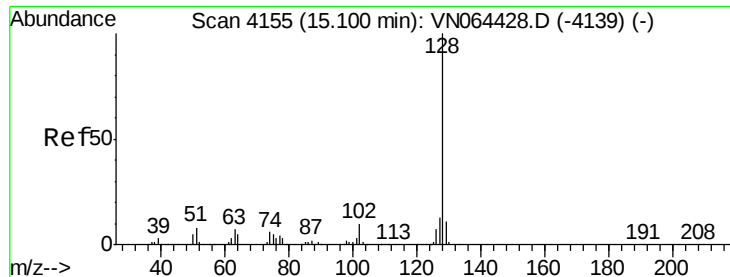
Tot Ion:180 Resp: 52045
 Ion Ratio Lower Upper
 180 100
 182 89.8 47.3 142.0
 145 33.6 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 21.863 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064652.D
 Acq: 16 Nov 2020 10:47

Tgt Ion:225 Resp: 31957
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.8 95.4
 227 62.1 31.8 95.4

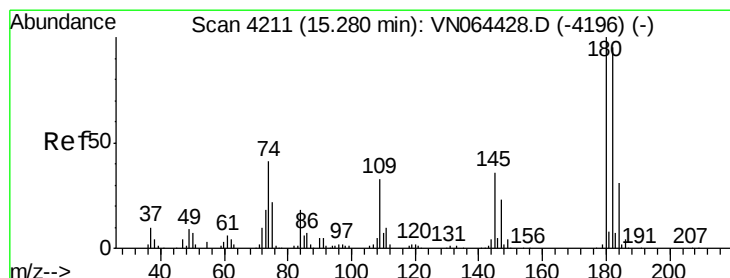
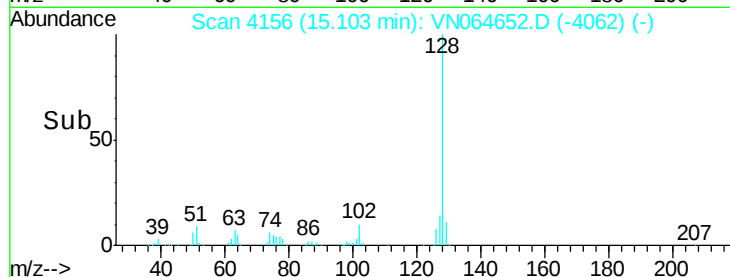
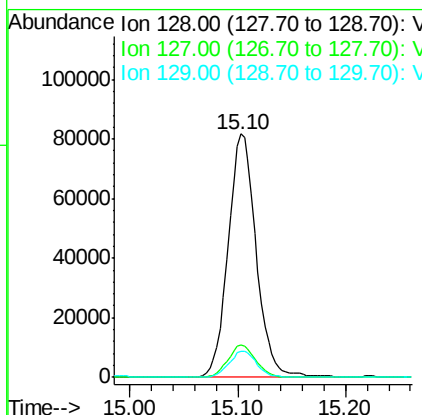
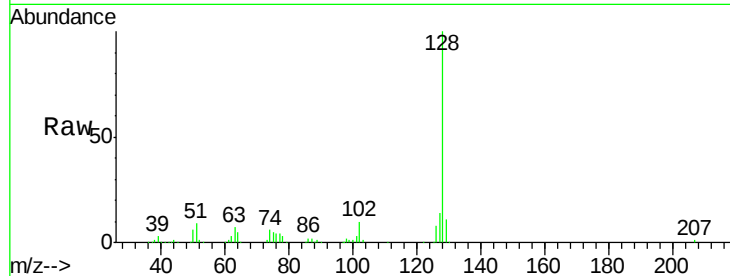




#95
Naphthalene
Concen: 14.907 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Instrument :
MSVOA_N
ClientSampled :
VN1116MBS01

Tot Ion:128 Resp: 148455
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.276 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064652.D
Acq: 16 Nov 2020 10:47

Tgt Ion:180 Resp: 53030
Ion Ratio Lower Upper
180 100
182 92.0 47.7 143.1
145 34.4 18.3 54.8

