

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064438.D
 Acq On : 4 Nov 2020 16:00
 Operator : JC/MD
 Sample : VN1104WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 05 00:46:58 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	7.63	168	315019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	563386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	530324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	228031	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	271598	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
35) Dibromofluoromethane	7.55	113	182453	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
50) Toluene-d8	10.06	98	689603	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
62) 4-Bromofluorobenzene	12.38	95	256828	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	76126	18.564	ug/l	99
3) Chloromethane	2.04	50	91883	18.447	ug/l	99
4) Vinyl Chloride	2.17	62	96113	18.791	ug/l	97
5) Bromomethane	2.54	94	63833	19.535	ug/l	100
6) Chloroethane	2.68	64	61702	18.841	ug/l	99
7) Trichlorofluoromethane	2.99	101	141073	18.730	ug/l	97
8) Diethyl Ether	3.38	74	49835	18.737	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	65183	18.225	ug/l	99
10) Methyl Iodide	3.91	142	72390	17.418	ug/l	99
11) Tert butyl alcohol	4.75	59	63785	105.409	ug/l #	81
12) 1,1-Dichloroethene	3.69	96	60990	18.103	ug/l	99
13) Acrolein	3.57	56	39660	105.662	ug/l	94
14) Allyl chloride	4.27	41	120045	18.215	ug/l	97
15) Acrylonitrile	4.94	53	171209	101.625	ug/l	99
16) Acetone	3.79	43	178510	85.405	ug/l	97
17) Carbon Disulfide	4.00	76	175290	17.398	ug/l	98
18) Methyl Acetate	4.29	43	80250	19.529	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	230949	19.046	ug/l	97
20) Methylene Chloride	4.51	84	76344	18.409	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	71307	18.641	ug/l	98
22) Diisopropyl ether	5.91	45	255779	18.283	ug/l	98
23) Vinyl Acetate	5.85	43	1063303	93.429	ug/l	99
24) 1,1-Dichloroethane	5.80	63	144074	18.741	ug/l	99
25) 2-Butanone	6.79	43	253570	95.214	ug/l	97
26) 2,2-Dichloropropane	6.78	77	120214	17.274	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	82389	18.587	ug/l	97
28) Bromochloromethane	7.15	49	66370	17.564	ug/l	94
29) Tetrahydrofuran	7.17	42	160974	98.521	ug/l	99
30) Chloroform	7.33	83	148335	18.356	ug/l	99
31) Cyclohexane	7.61	56	119517	17.918	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	132705	18.515	ug/l	99
36) 1,1-Dichloropropene	7.76	75	106977	17.974	ug/l	99
37) Ethyl Acetate	6.89	43	106749	18.165	ug/l	99
38) Carbon Tetrachloride	7.74	117	114956	18.072	ug/l	95

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 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	93553	17.534	ug/l	97
40) Benzene	8.00	78	314511	17.983	ug/l	99
41) Methacrylonitrile	7.12	41	32878	12.460	ug/l #	69
42) 1,2-Dichloroethane	8.09	62	133434	18.905	ug/l	99
43) Isopropyl Acetate	8.13	43	178947	18.553	ug/l	99
44) Trichloroethene	8.80	130	79126	17.932	ug/l	97
45) 1,2-Dichloropropane	9.09	63	85464	18.314	ug/l	98
46) Dibromomethane	9.18	93	54944	17.886	ug/l	98
47) Bromodichloromethane	9.37	83	119664	18.116	ug/l	99
48) Methyl methacrylate	9.17	41	90714	18.638	ug/l	97
49) 1,4-Dioxane	9.17	88	27317	426.121	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	556396	98.917	ug/l	100
52) Toluene	10.13	92	193112	18.104	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	124858	17.830	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	133850	17.877	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	75549	18.160	ug/l	98
56) Ethyl methacrylate	10.40	69	110879	17.444	ug/l	97
57) 1,3-Dichloropropane	10.68	76	135158	18.613	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	292729	104.251	ug/l	98
59) 2-Hexanone	10.72	43	394129	88.571	ug/l	99
60) Dibromochloromethane	10.87	129	83966	18.028	ug/l	100
61) 1,2-Dibromoethane	10.98	107	79048	18.733	ug/l	99
64) Tetrachloroethene	10.60	164	73675	18.035	ug/l	97
65) Chlorobenzene	11.41	112	202941	17.456	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	75835	17.485	ug/l	99
67) Ethyl Benzene	11.49	91	369856	17.885	ug/l	99
68) m/p-Xylenes	11.60	106	259141	34.554	ug/l	95
69) o-Xylene	11.92	106	130125	17.956	ug/l	99
70) Styrene	11.94	104	216270	17.735	ug/l	99
71) Bromoform	12.10	173	52049	16.850	ug/l #	98
73) Isopropylbenzene	12.22	105	334357	18.448	ug/l	98
74) N-amyl acetate	12.05	43	148544	17.702	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	107917	19.385	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	148327	26.847	ug/l #	100
77) Bromobenzene	12.50	156	80141	18.111	ug/l	99
78) n-propylbenzene	12.57	91	376631	18.227	ug/l	99
79) 2-Chlorotoluene	12.65	91	234571	17.898	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	276268	18.477	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	33604	16.982	ug/l	91
82) 4-Chlorotoluene	12.75	91	243980	17.776	ug/l	99
83) tert-Butylbenzene	12.97	119	210856	18.056	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	274223	18.244	ug/l	100
85) sec-Butylbenzene	13.15	105	272454	18.422	ug/l	100
86) p-Isopropyltoluene	13.26	119	241829	18.178	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	137071	17.920	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	136513	17.269	ug/l	98
89) n-Butylbenzene	13.59	91	201873	17.649	ug/l	99
90) Hexachloroethane	13.85	117	45774	17.837	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	136917	18.608	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21041	18.984	ug/l	97

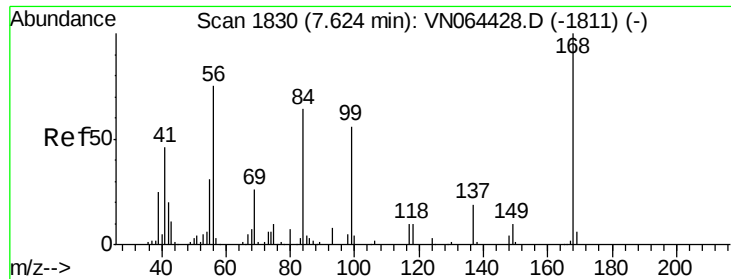
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	55396	16.997	ug/l	98
94) Hexachlorobutadiene	14.98	225	28643	19.120	ug/l	99
95) Naphthalene	15.10	128	183315	17.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	56907	17.958	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

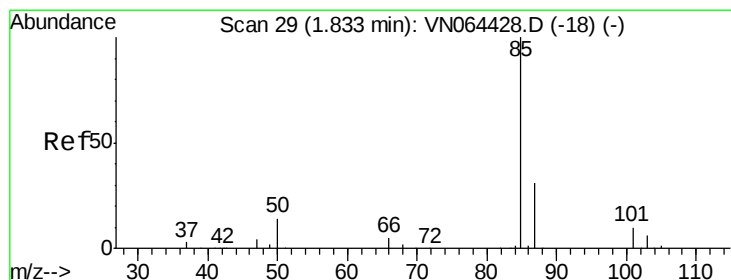
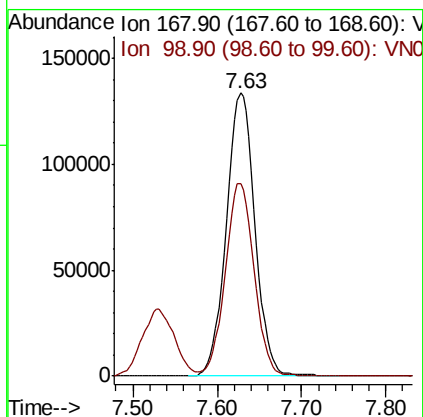
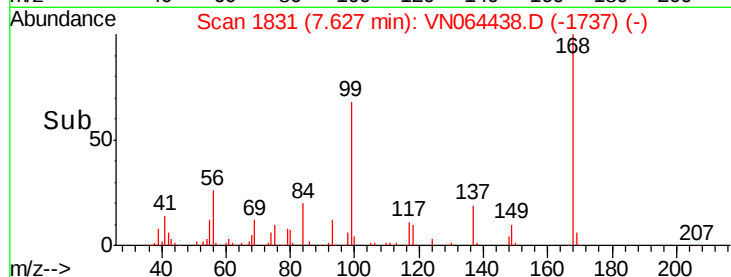
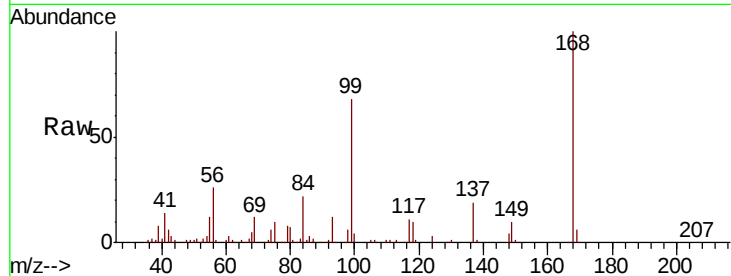
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 315019

Ion Ratio Lower Upper

168 100

99 67.9 53.4 80.2



#2

Dichlorodifluoromethane

Concen: 18.564 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064438.D

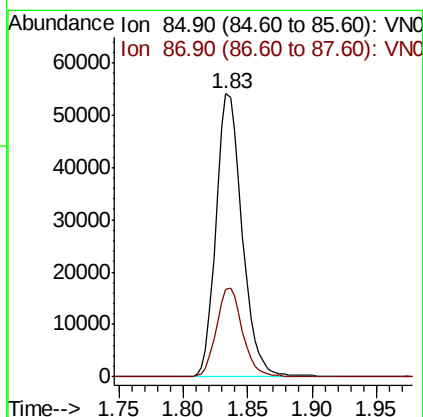
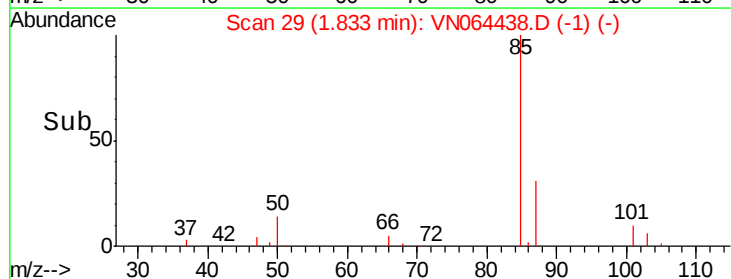
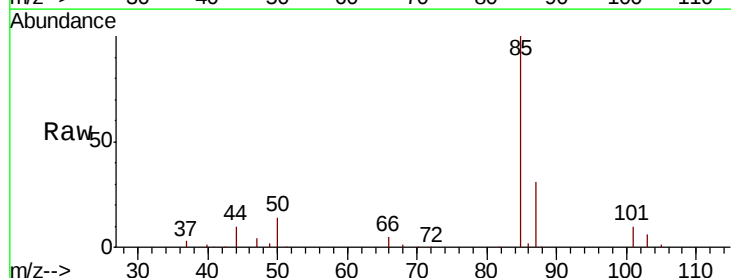
Acq: 4 Nov 2020 16:00

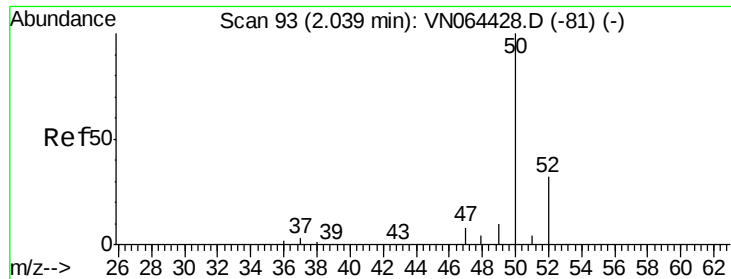
Tgt Ion: 85 Resp: 76126

Ion Ratio Lower Upper

85 100

87 30.9 15.7 47.1

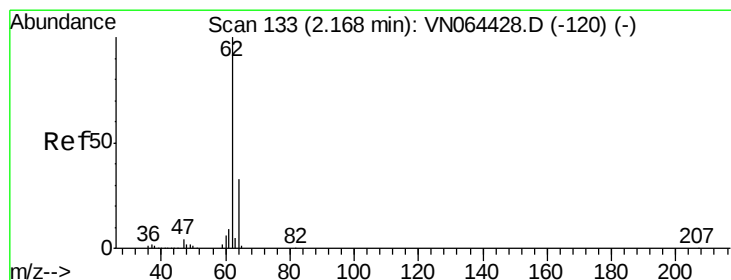
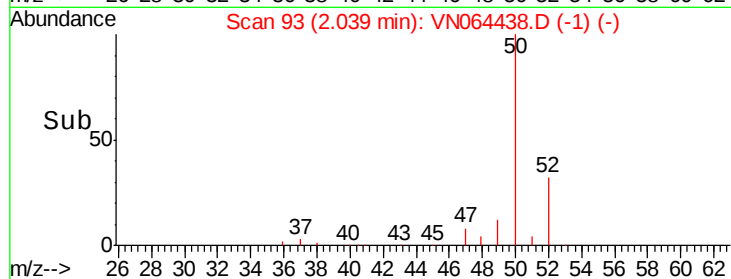
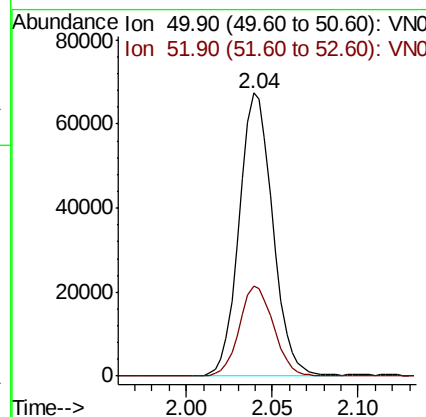
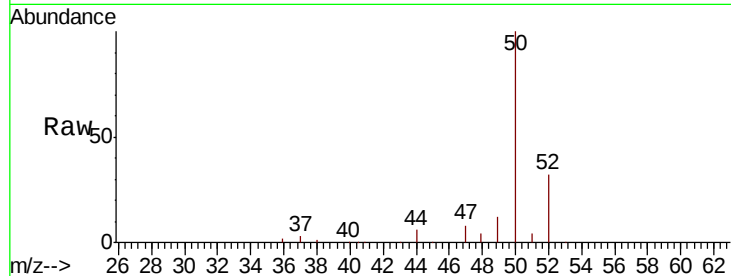




#3
Chloromethane
Concen: 18.447 ug/l
RT: 2.04 min Scan# 93
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

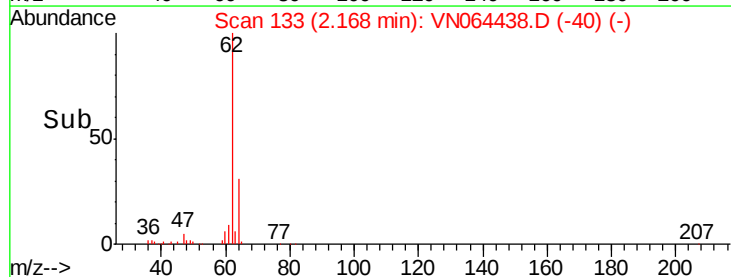
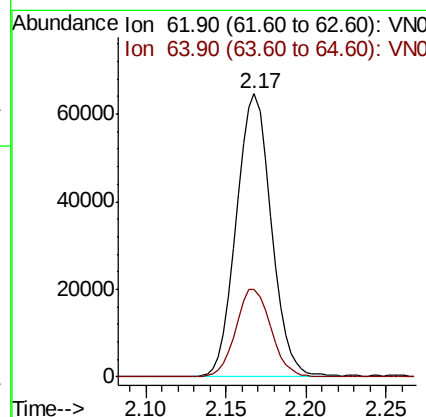
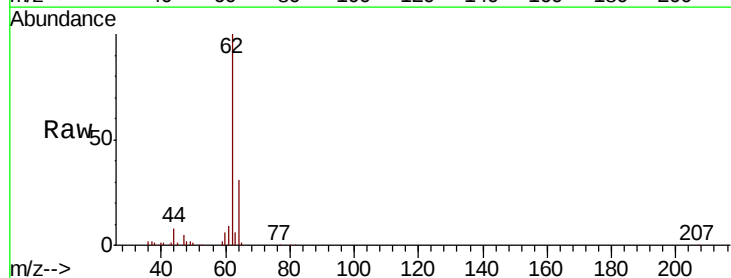
Instrument :
MSVOA_N
ClientSampled :

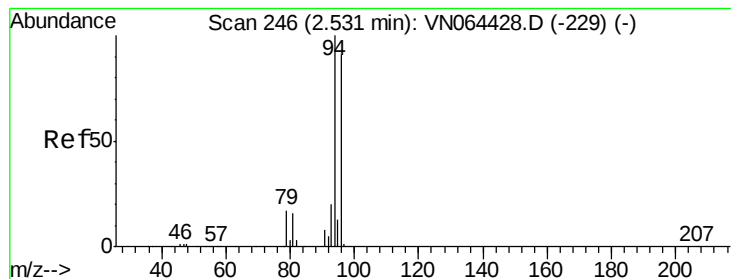
Tot Ion: 50 Resp: 91883
Ion Ratio Lower Upper
50 100
52 31.9 25.3 37.9



#4
Vinyl Chloride
Concen: 18.791 ug/l
RT: 2.17 min Scan# 133
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 62 Resp: 96113
Ion Ratio Lower Upper
62 100
64 31.1 26.3 39.5





#5

Bromomethane

Concen: 19.535 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

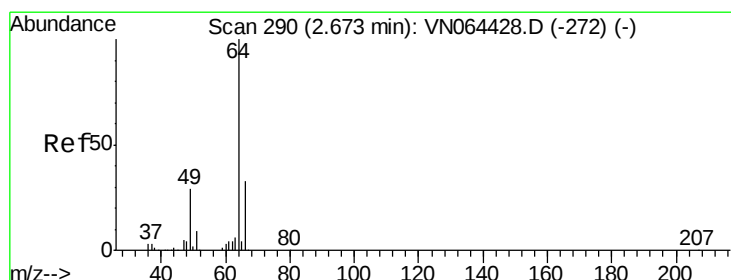
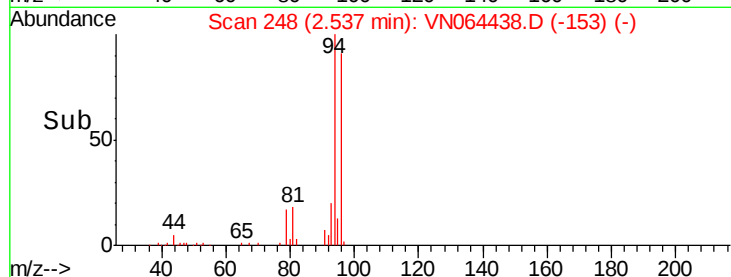
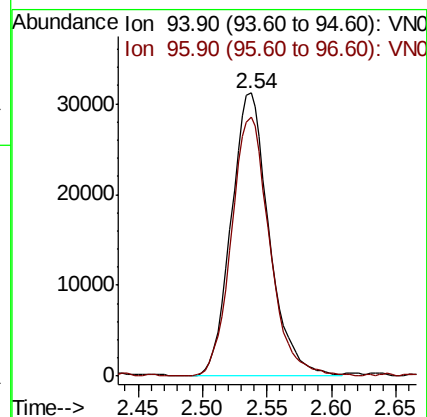
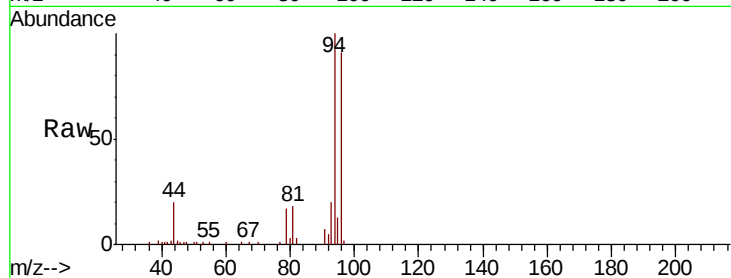
ClientSampleId :

Tot Ion: 94 Resp: 63833

Ion Ratio Lower Upper

94 100

96 91.4 73.1 109.7



#6

Chloroethane

Concen: 18.841 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064438.D

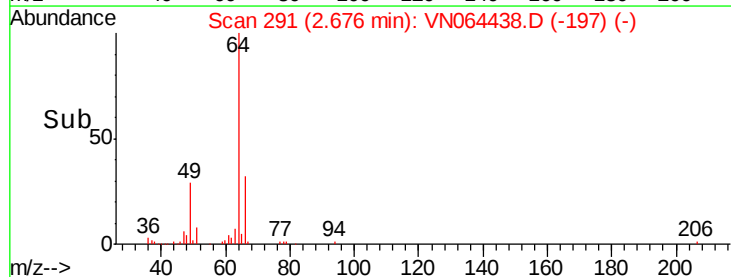
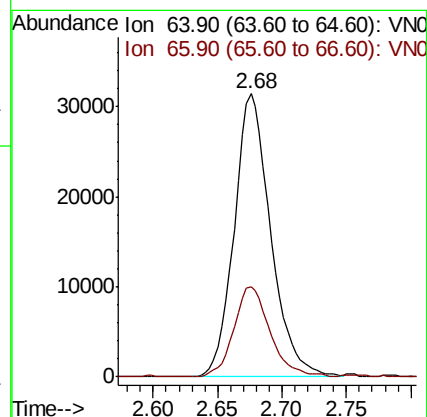
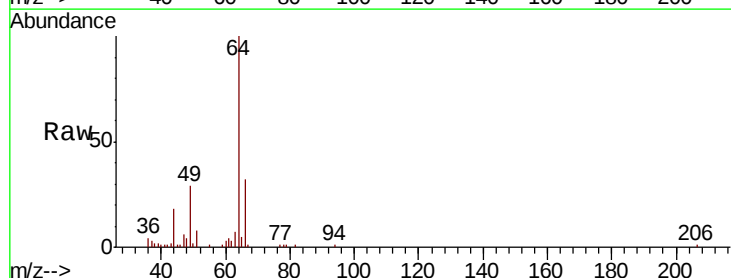
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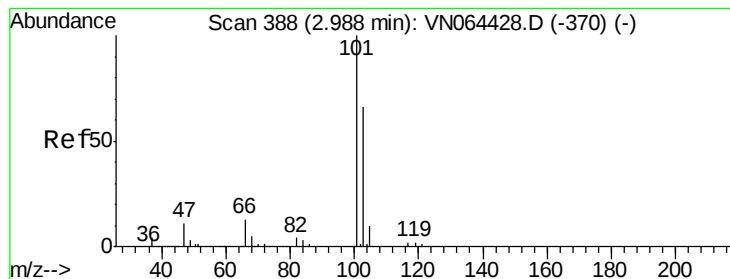
Tgt Ion: 64 Resp: 61702

Ion Ratio Lower Upper

64 100

66 32.0 26.1 39.1



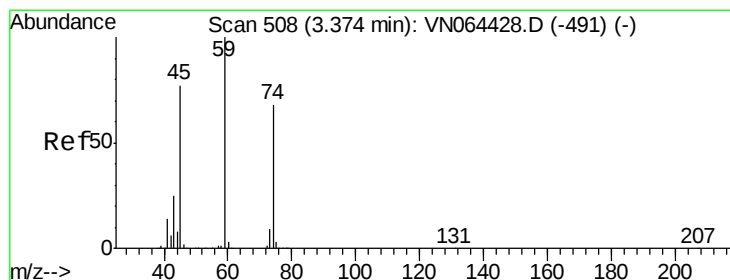
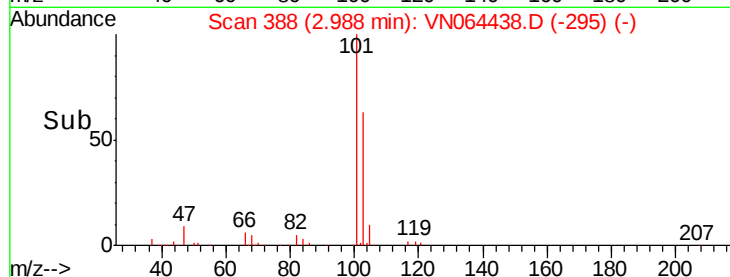
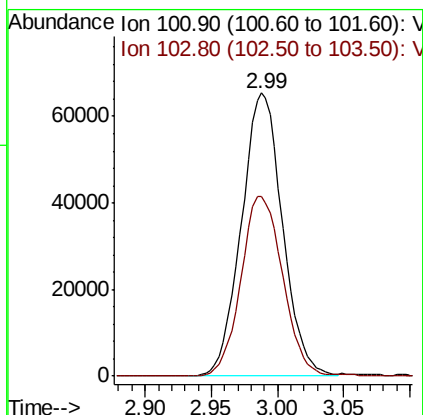
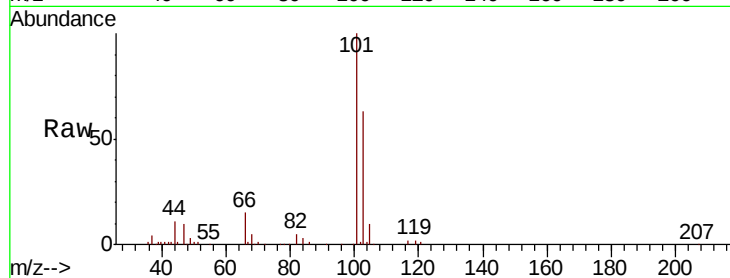


#7

Trichlorofluoromethane
 Concen: 18.730 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Instrument :
 MSVOA_N
 ClientSampleId :

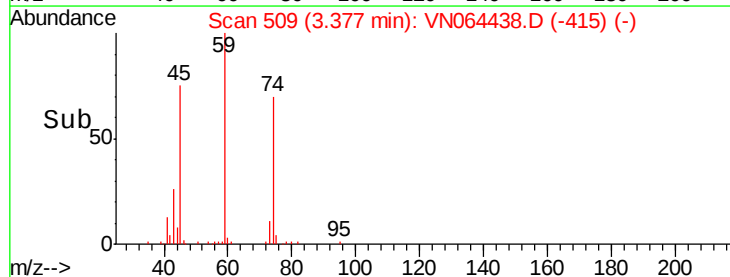
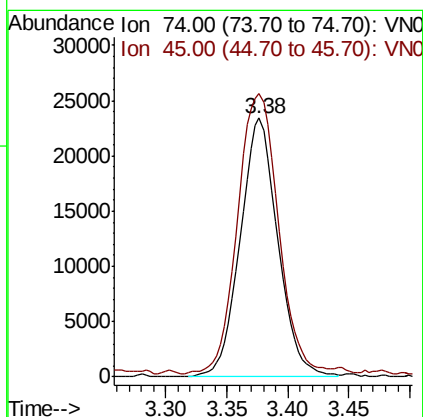
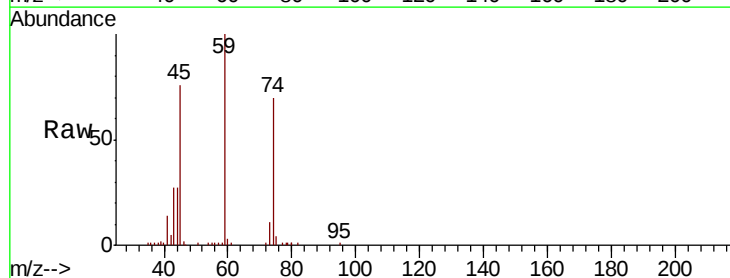
Tot Ion:101 Resp: 141073
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.4 78.6

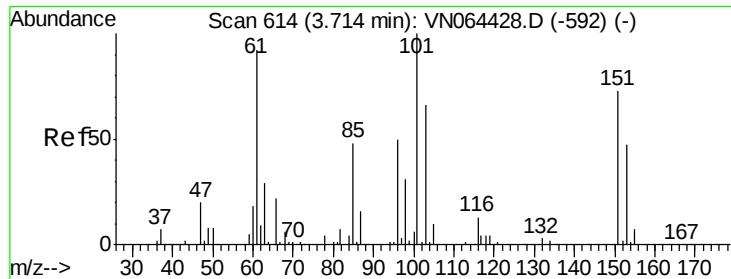


#8

Diethyl Ether
 Concen: 18.737 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 74 Resp: 49835
 Ion Ratio Lower Upper
 74 100
 45 117.3 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.225 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampled :

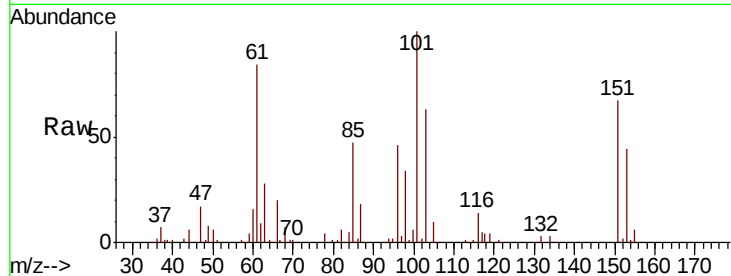
Tot Ion:101 Resp: 65183

Ion Ratio Lower Upper

101 100

85 47.8 38.6 57.8

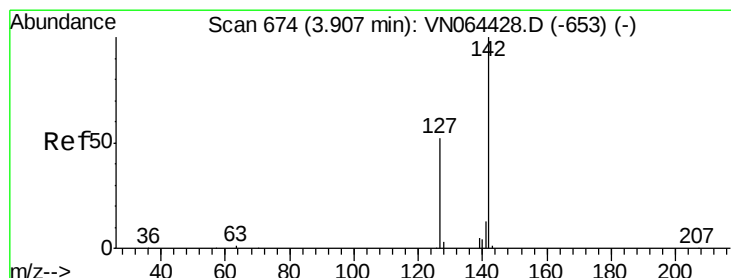
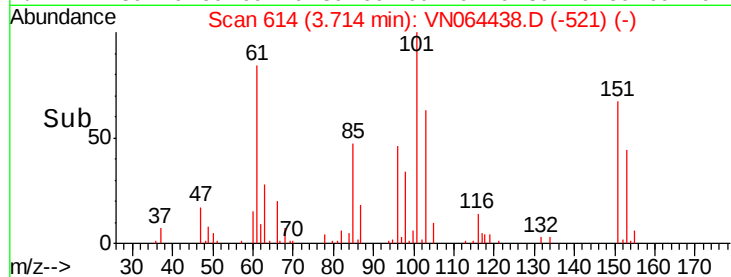
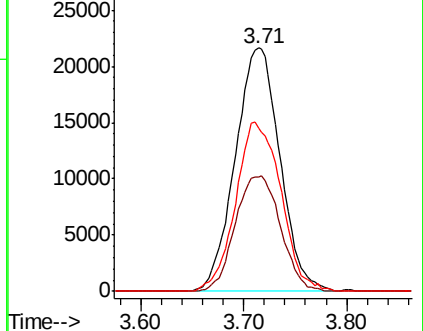
151 70.3 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.418 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

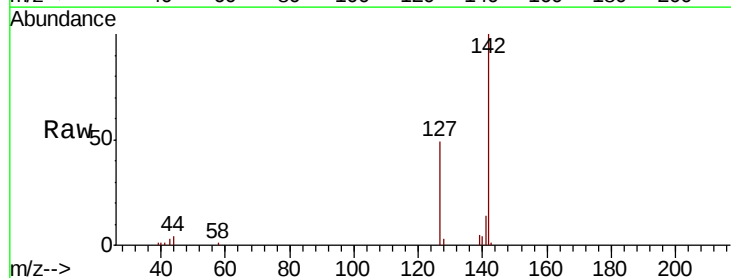
Tgt Ion:142 Resp: 72390

Ion Ratio Lower Upper

142 100

127 51.5 41.8 62.8

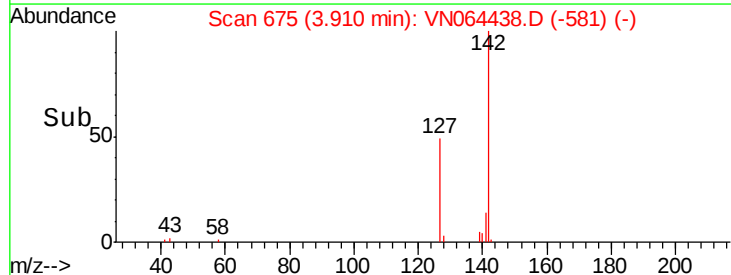
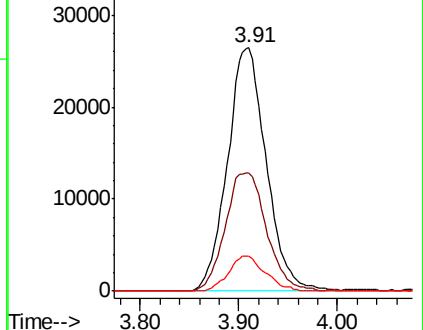
141 13.6 11.4 17.2

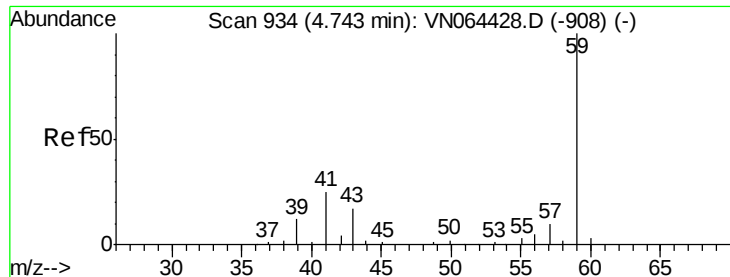


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

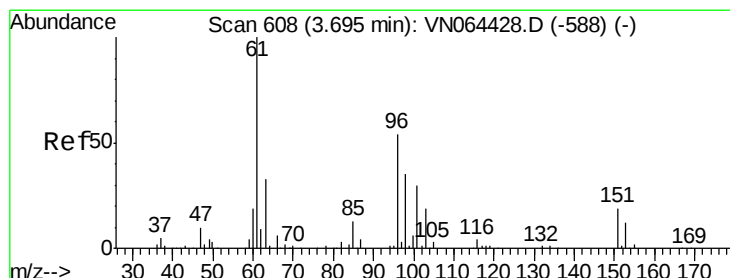
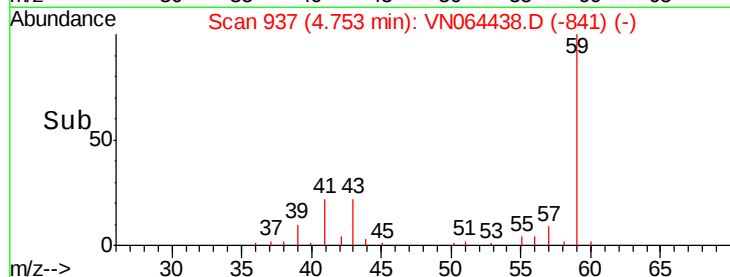
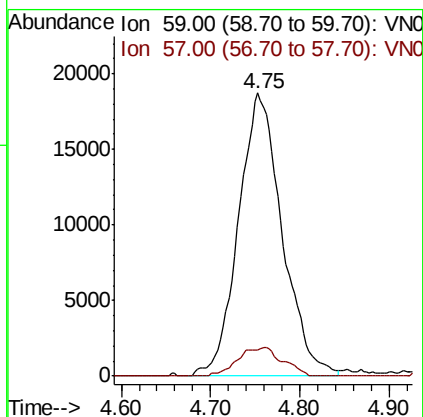
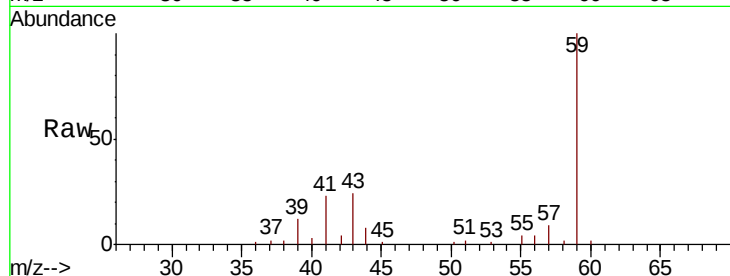




#11
Tert butyl alcohol
Concen: 105.409 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

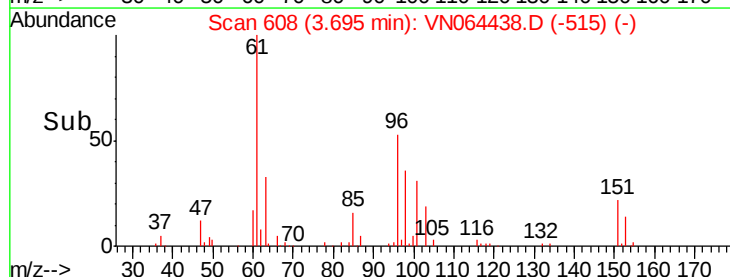
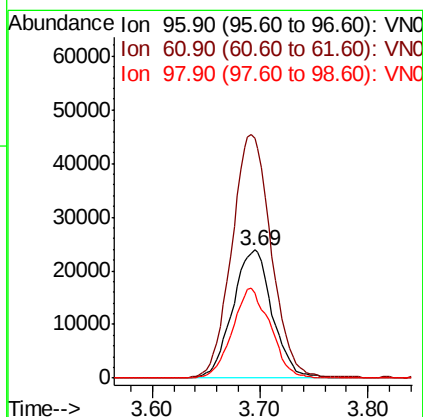
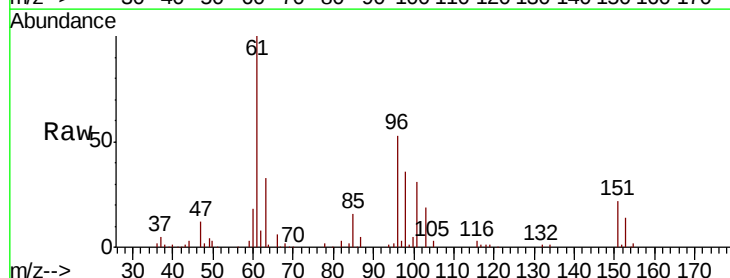
Instrument :
MSVOA_N
ClientSampled :

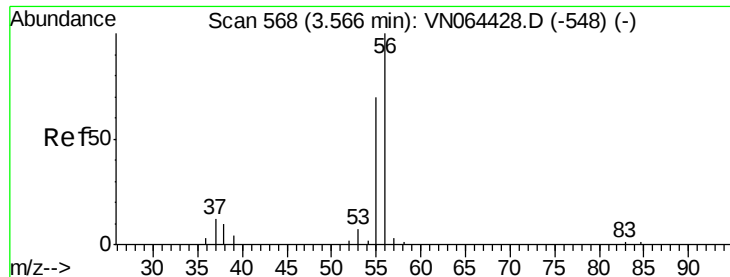
Tot Ion: 59 Resp: 63785
Ion Ratio Lower Upper
59 100
57 3.9 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 18.103 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 96 Resp: 60990
Ion Ratio Lower Upper
96 100
61 187.4 149.5 224.3
98 66.9 52.4 78.6





#13

Acrolein

Concen: 105.662 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

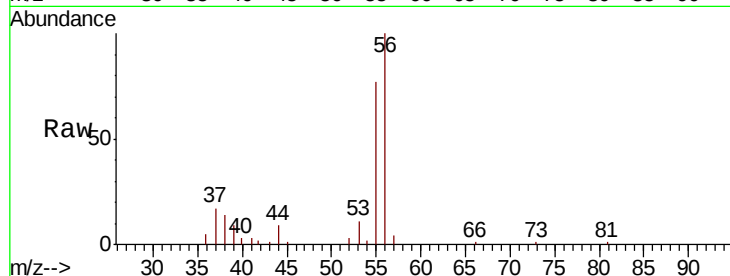
ClientSampleId :

Tot Ion: 56 Resp: 39660

Ion Ratio Lower Upper

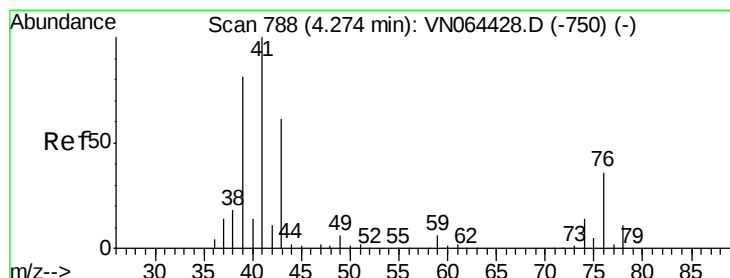
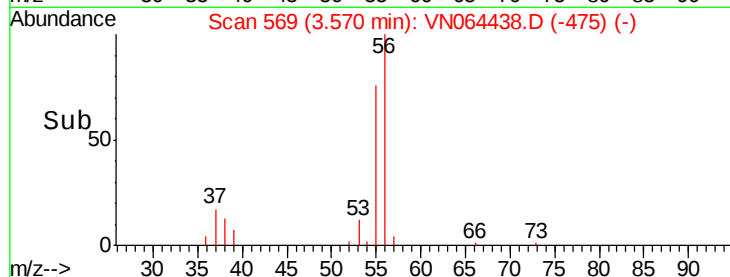
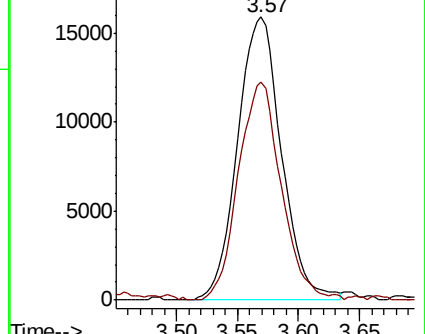
56 100

55 75.0 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN064438.D (-475) (-)

Ion 55.00 (54.70 to 55.70): VN064438.D (-475) (-)



#14

Allyl chloride

Concen: 18.215 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

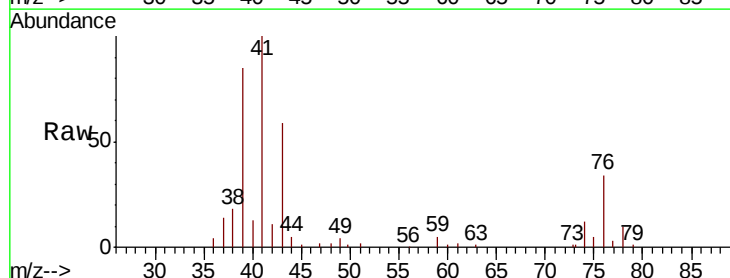
Tgt Ion: 41 Resp: 120045

Ion Ratio Lower Upper

41 100

39 74.8 61.8 92.8

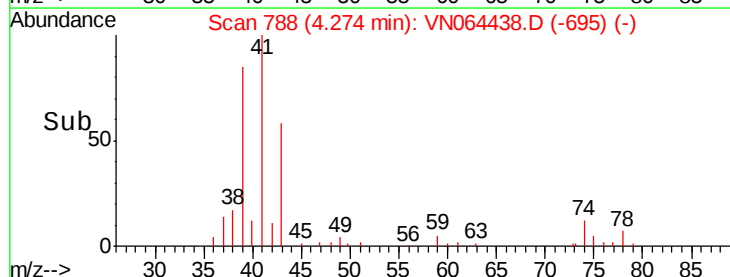
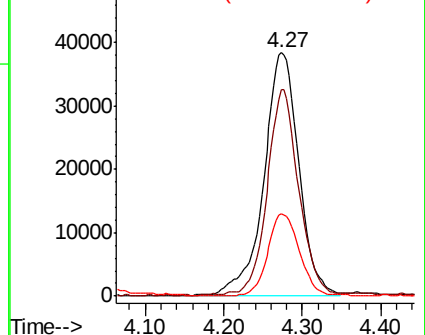
76 30.6 25.4 38.0

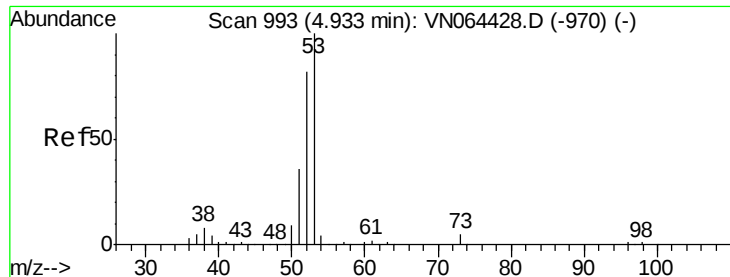


Abundance Ion 41.00 (40.70 to 41.70): VN064438.D (-695) (-)

Ion 39.00 (38.70 to 39.70): VN064438.D (-695) (-)

Ion 75.90 (75.60 to 76.60): VN064438.D (-695) (-)





#15

Acrylonitrile

Concen: 101.625 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

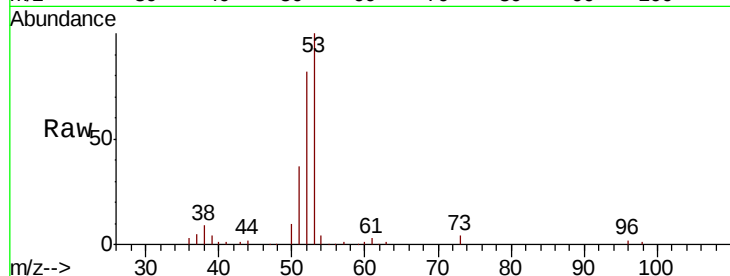
Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 53 Resp: 171209

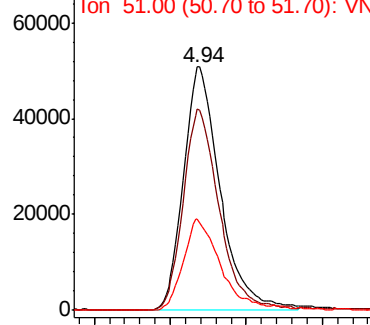
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.6	98.4
51	37.3	29.9	44.9



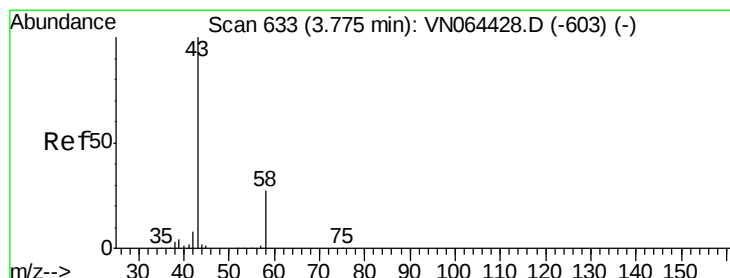
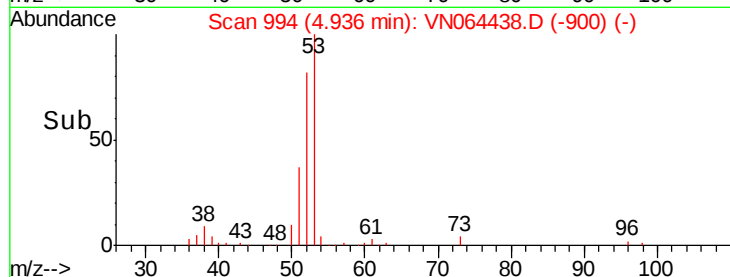
Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



Time-->



#16

Acetone

Concen: 85.405 ug/l

RT: 3.79 min Scan# 636

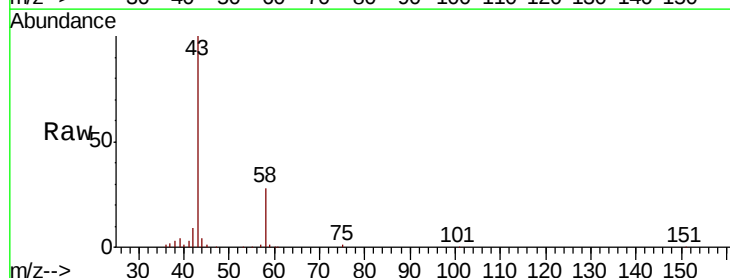
Delta R.T. 0.01 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

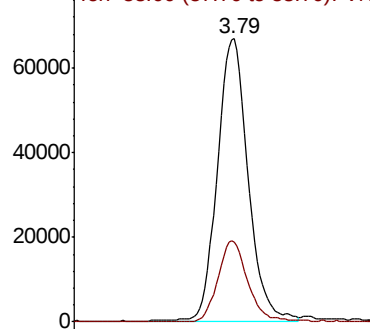
Tgt Ion: 43 Resp: 178510

Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.4	32.0

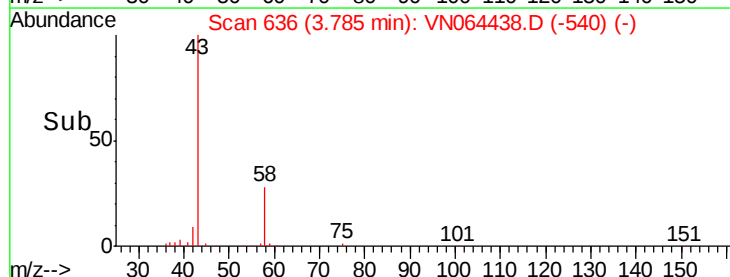


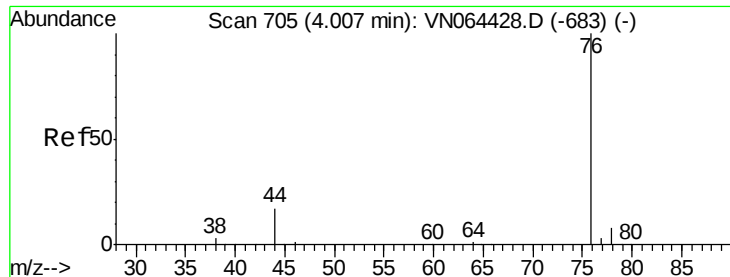
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->

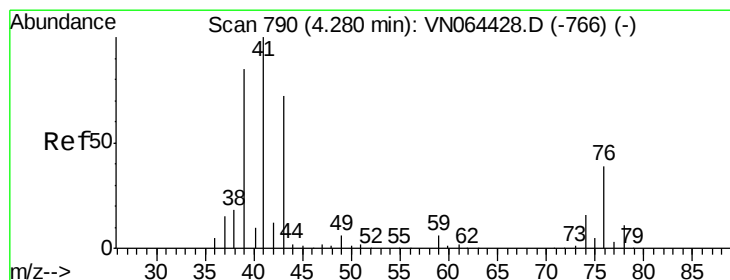
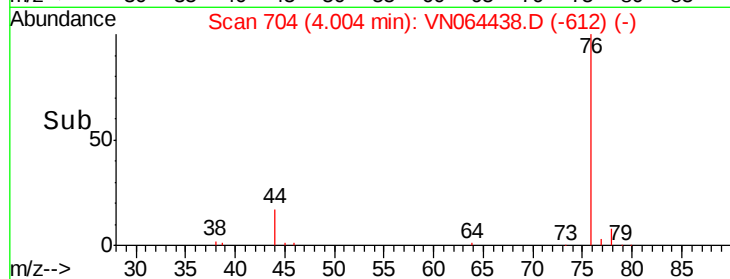
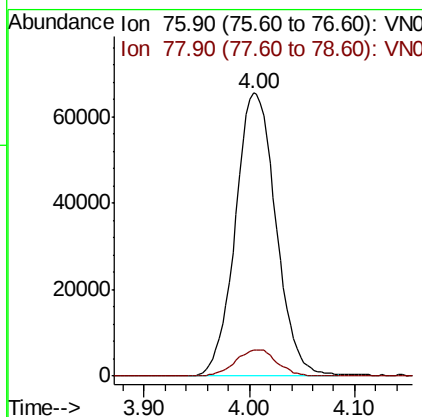
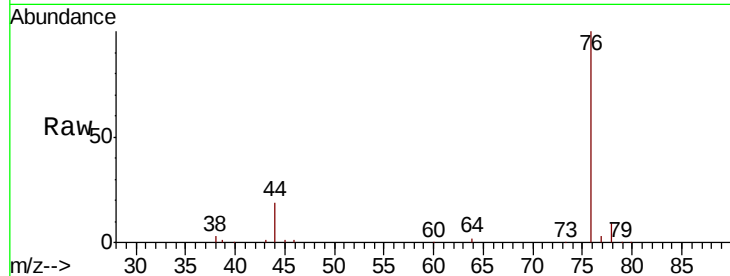




#17
Carbon Disulfide
Concen: 17.398 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

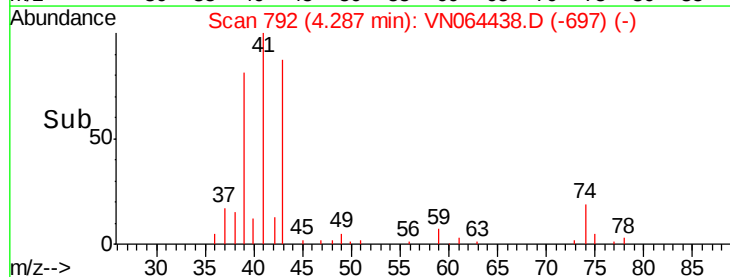
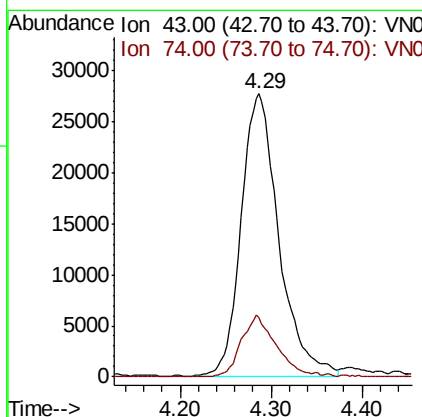
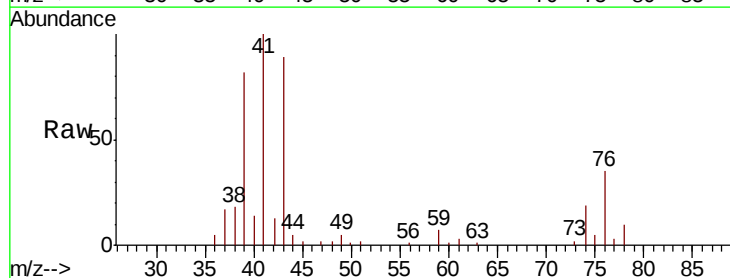
Instrument :
MSVOA_N
ClientSampleId :

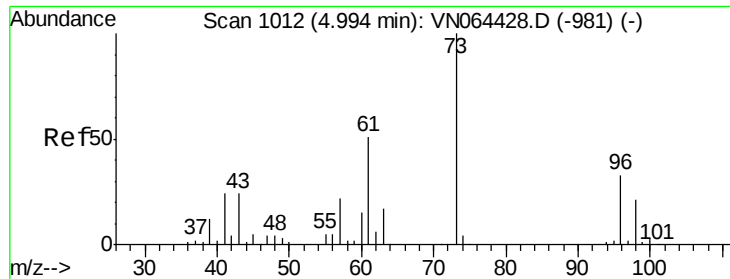
Tot Ion: 76 Resp: 175290
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 19.529 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 43 Resp: 80250
Ion Ratio Lower Upper
43 100
74 19.8 17.0 25.4

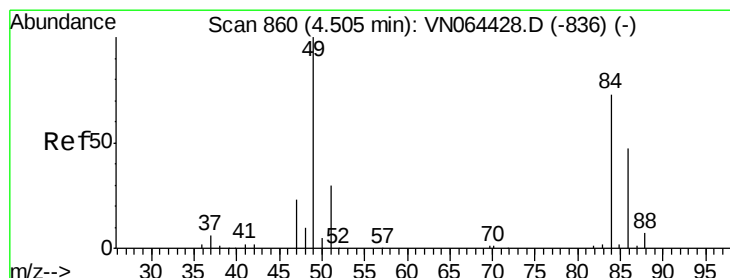
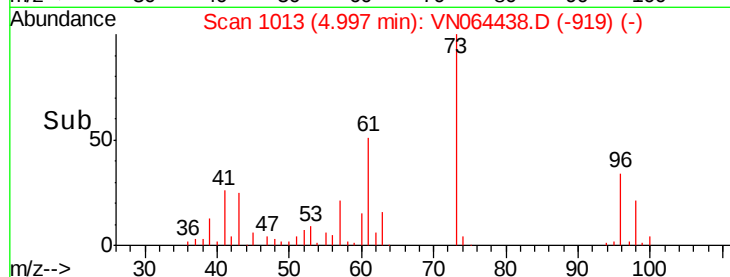
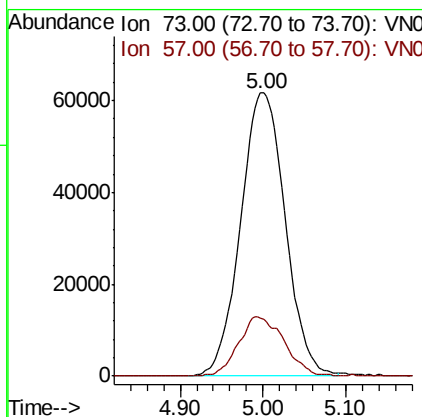
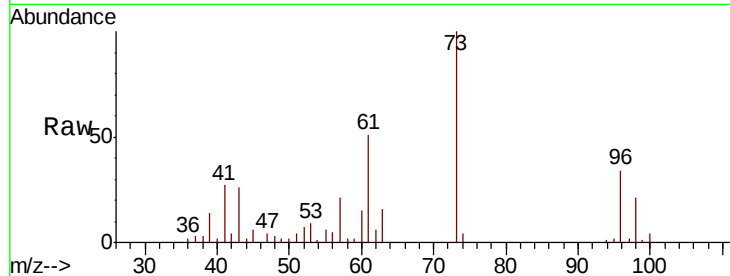




#19
Methvl tert-butvl Ether
Concen: 19.046 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

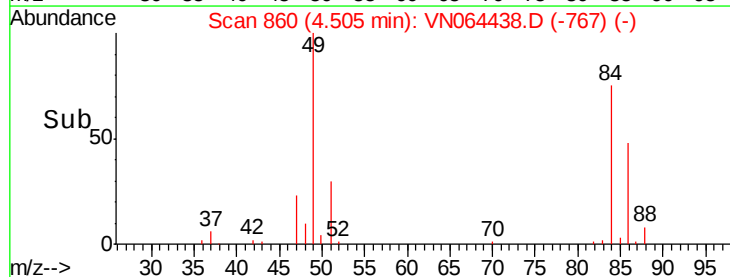
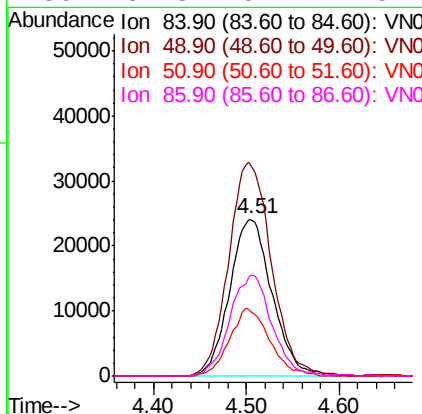
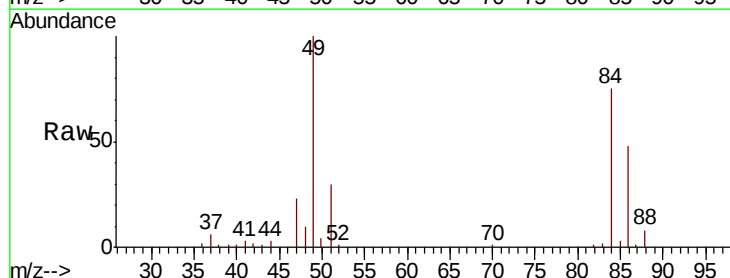
Instrument :
MSVOA_N
ClientSampleId :

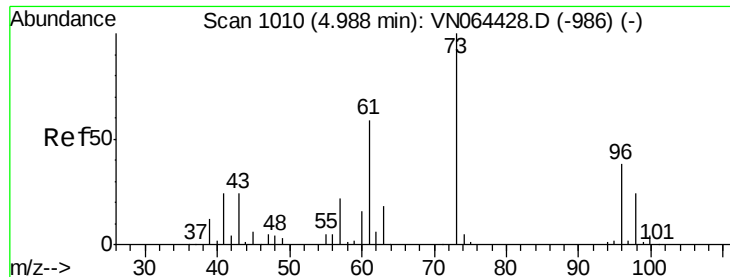
Tot Ion: 73 Resp: 230949
Ion Ratio Lower Upper
73 100
57 20.6 17.7 26.5



#20
Methylene Chloride
Concen: 18.409 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 84 Resp: 76344
Ion Ratio Lower Upper
84 100
49 134.1 110.1 165.1
51 40.7 33.6 50.4
86 64.8 52.1 78.1

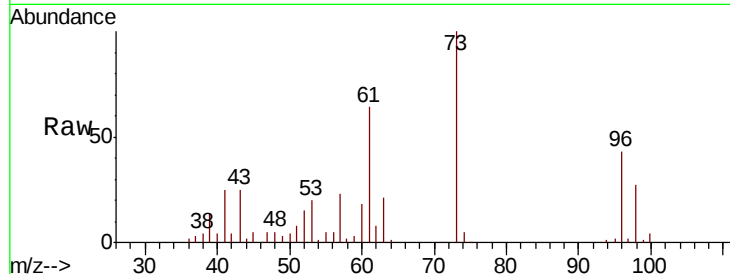




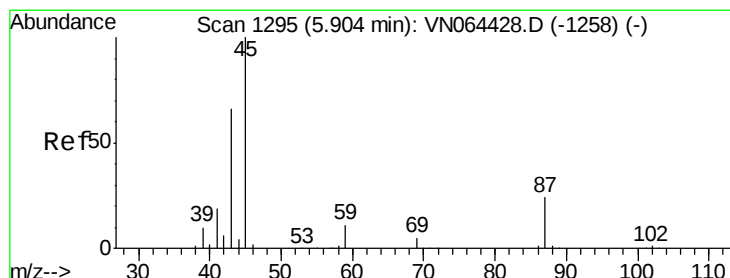
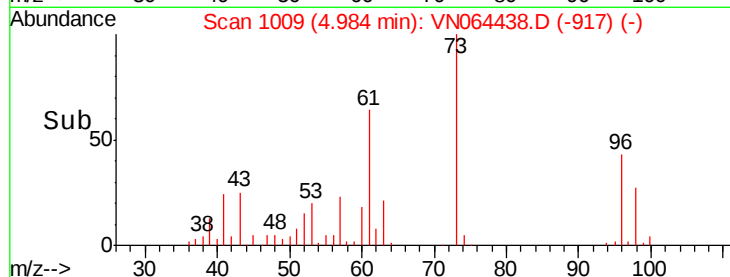
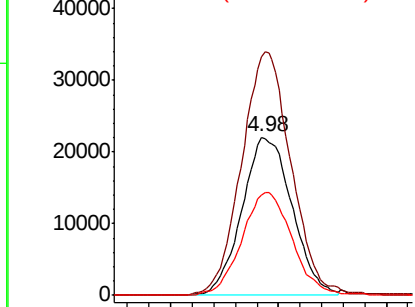
#21
trans-1,2-Dichloroethene
Concen: 18.641 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 71307
Ion Ratio Lower Upper
96 100
61 150.5 122.4 183.6
98 63.6 50.4 75.6

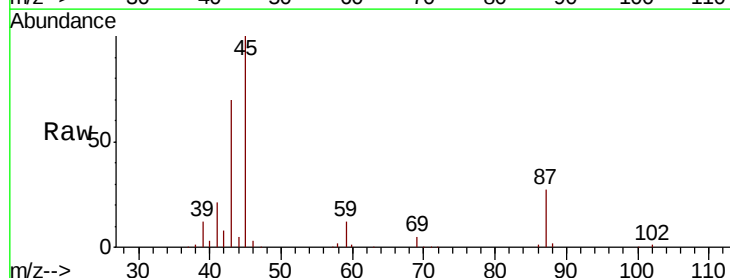


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

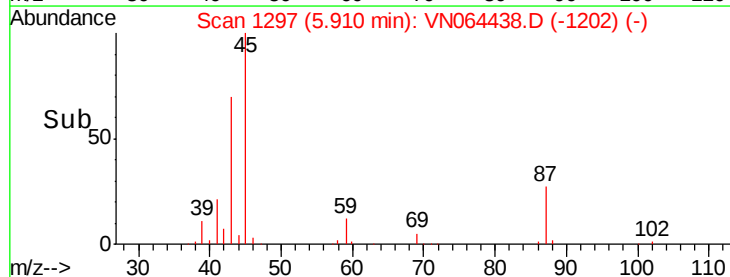
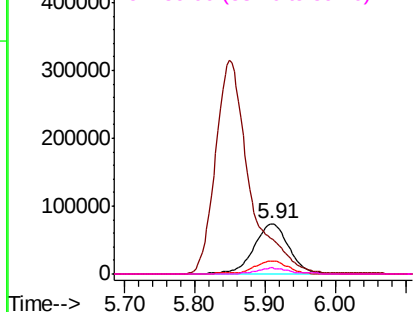


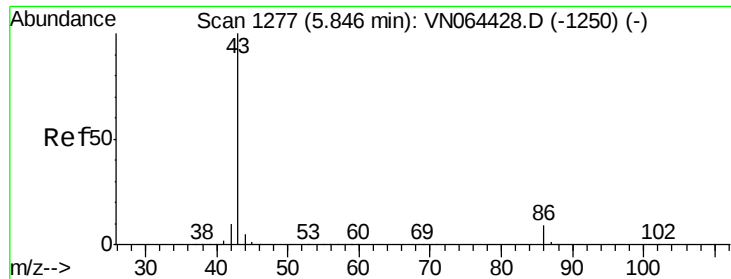
#22
Diisopropyl ether
Concen: 18.283 ug/l
RT: 5.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 45 Resp: 255779
Ion Ratio Lower Upper
45 100
43 68.2 53.2 79.8
87 26.6 19.9 29.9
59 11.5 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

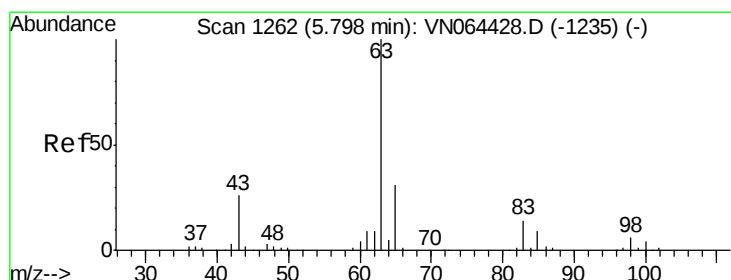
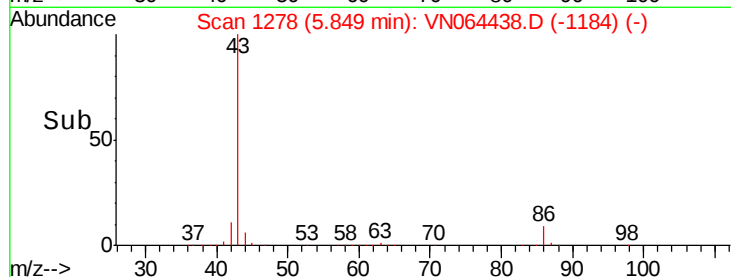
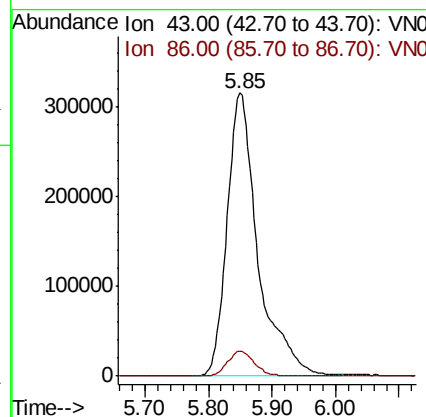
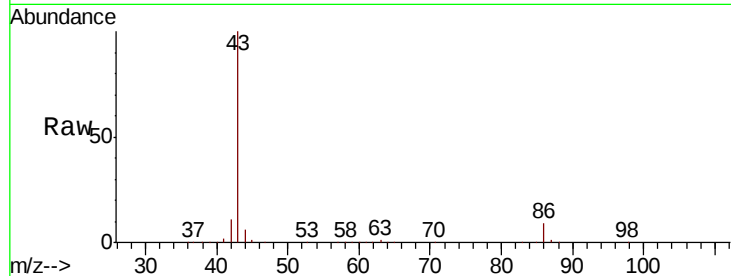




#23
 Vinyl Acetate
 Concen: 93.429 ug/l
 RT: 5.85 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

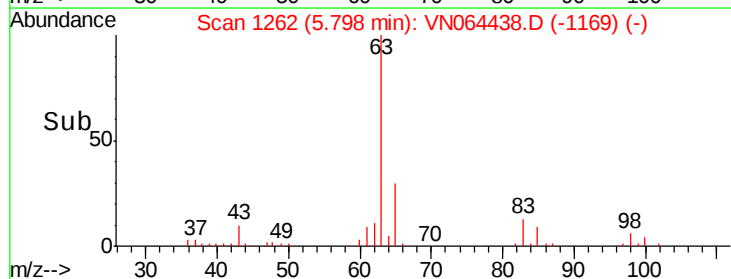
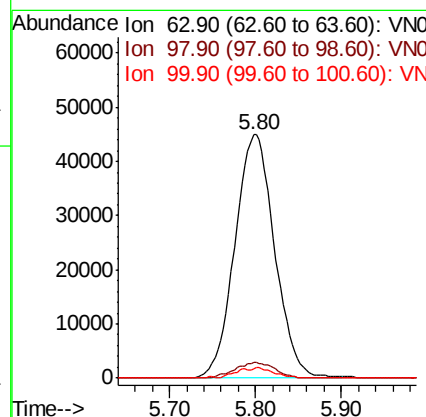
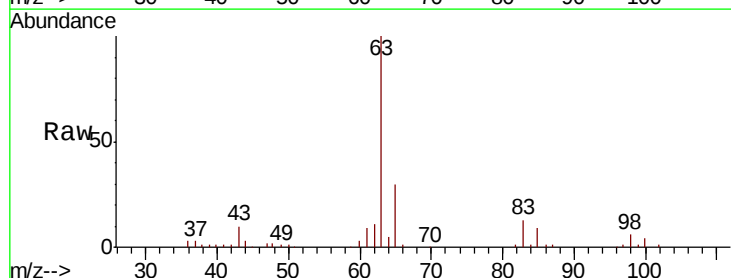
Instrument :
 MSVOA_N
 ClientSampled :

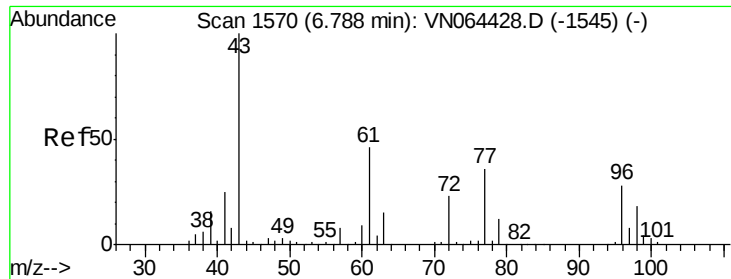
Tot Ion: 43 Resp: 1063303
 Ion Ratio Lower Upper
 43 100
 86 8.9 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 18.741 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 63 Resp: 144074
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.0 9.2
 100 3.9 1.8 5.3

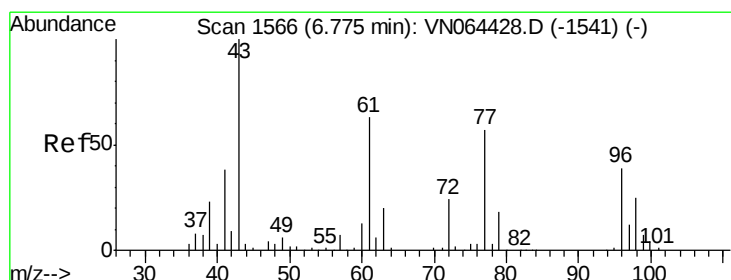
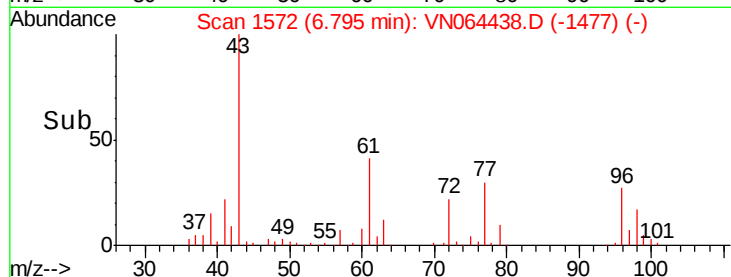
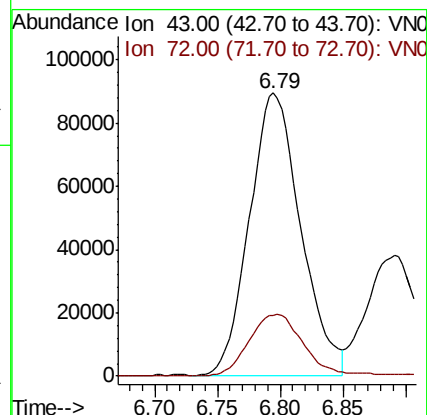
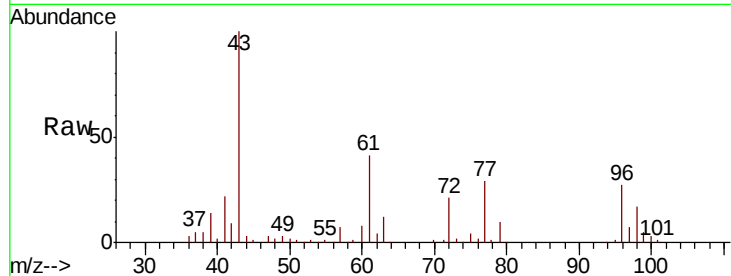




#25
2-Butanone
Concen: 95.214 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

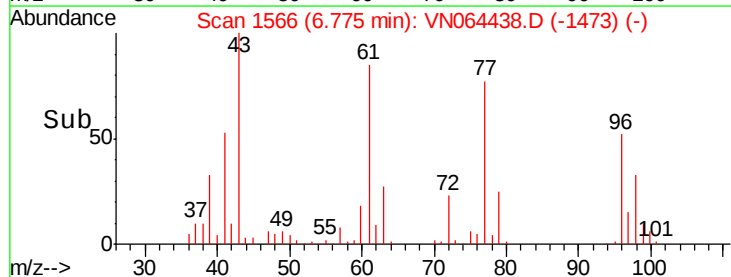
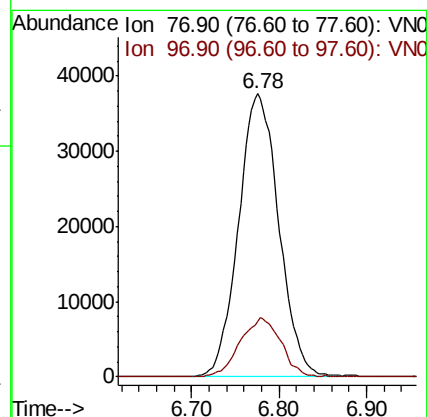
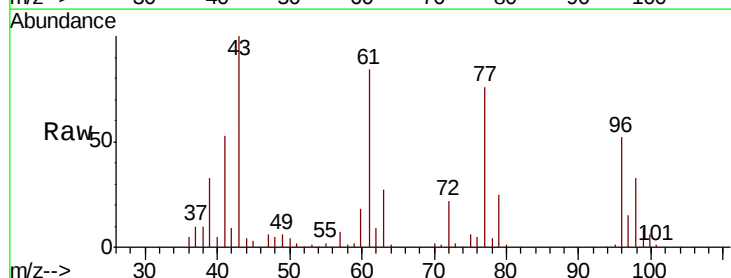
Instrument :
MSVOA_N
ClientSampleId :

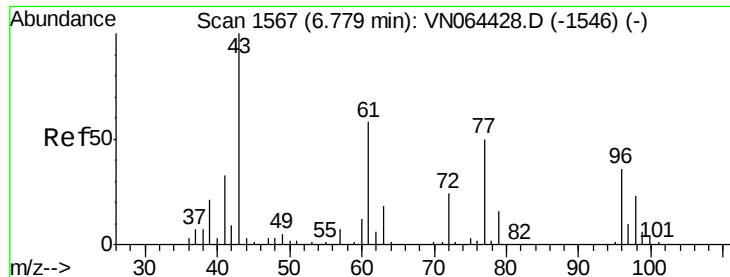
Tot Ion: 43 Resp: 253570
Ion Ratio Lower Upper
43 100
72 21.5 18.5 27.7



#26
2,2-Dichloropropane
Concen: 17.274 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 77 Resp: 120214
Ion Ratio Lower Upper
77 100
97 21.1 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 18.587 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampled :

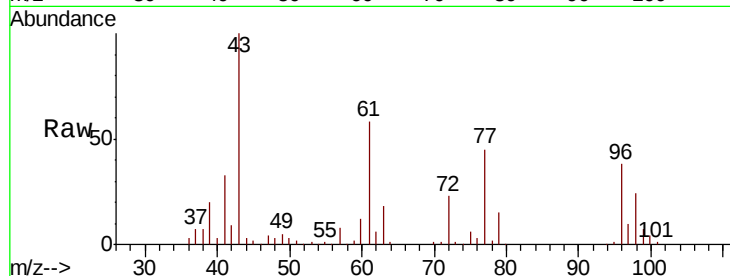
Tot Ion: 96 Resp: 82389

Ion Ratio Lower Upper

96 100

61 160.9 0.0 329.6

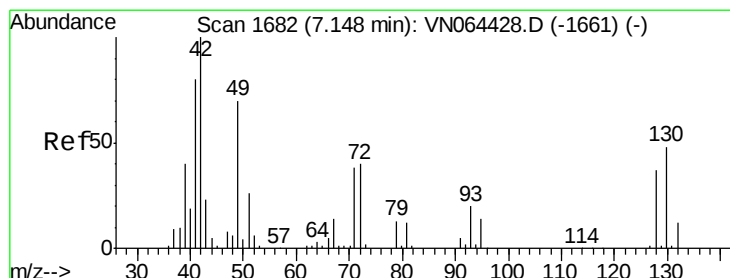
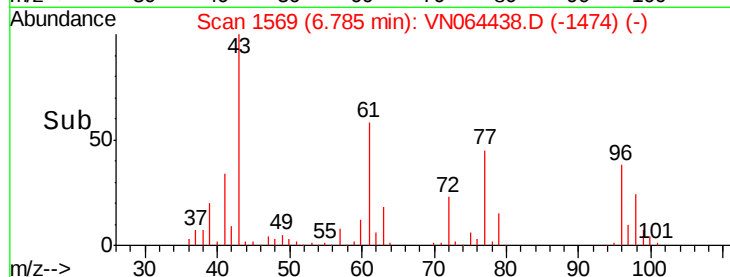
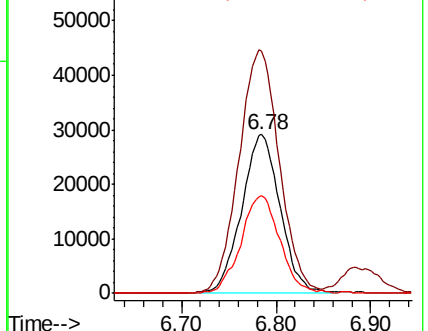
98 61.8 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064438.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064438.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064438.D (-1546) (-)



#28

Bromochloromethane

Concen: 17.564 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

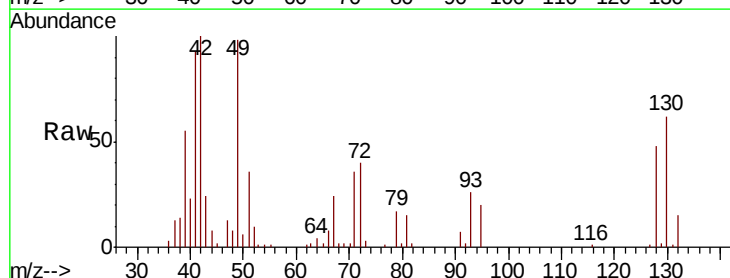
Tgt Ion: 49 Resp: 66370

Ion Ratio Lower Upper

49 100

129 0.5 0.0 3.6

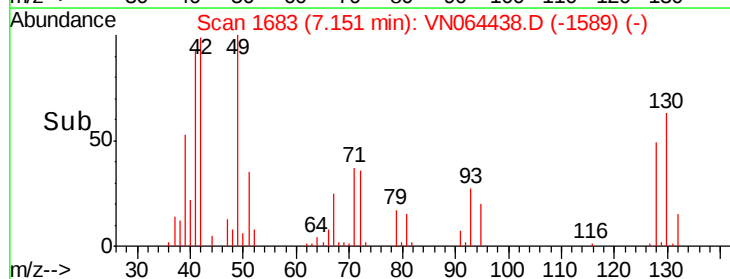
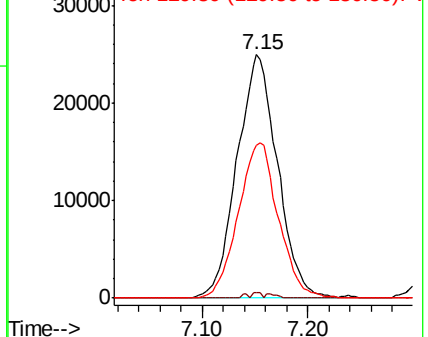
130 63.3 54.2 81.4

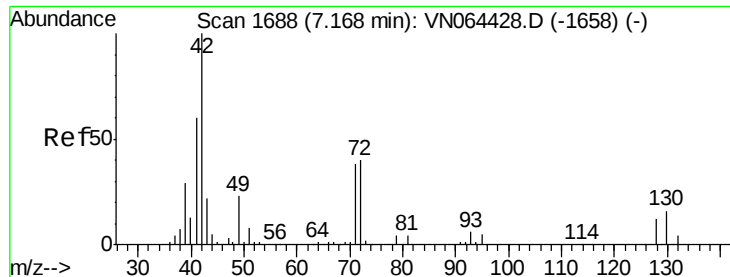


Abundance Ion 48.90 (48.60 to 49.60): VN064438.D (-1546) (-)

Ion 128.80 (128.50 to 129.50): VN064438.D (-1546) (-)

Ion 129.80 (129.50 to 130.50): VN064438.D (-1546) (-)

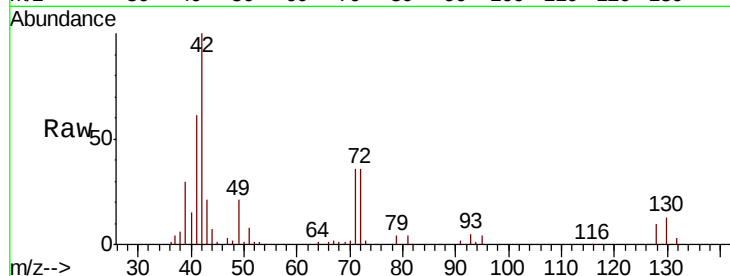




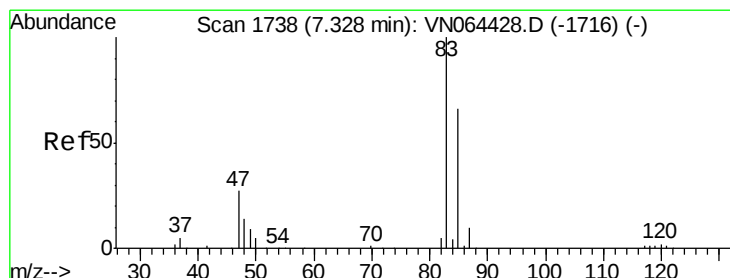
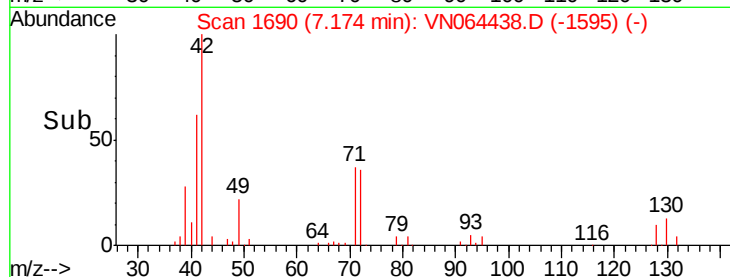
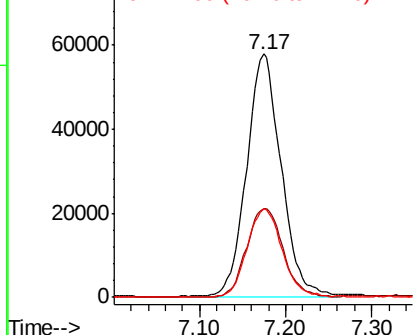
#29
Tetrahydrofuran
Concen: 98.521 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 160974
Ion Ratio Lower Upper
42 100
72 38.7 31.7 47.5
71 37.3 29.8 44.6

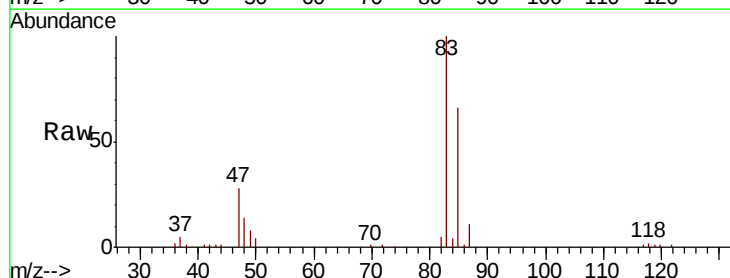


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

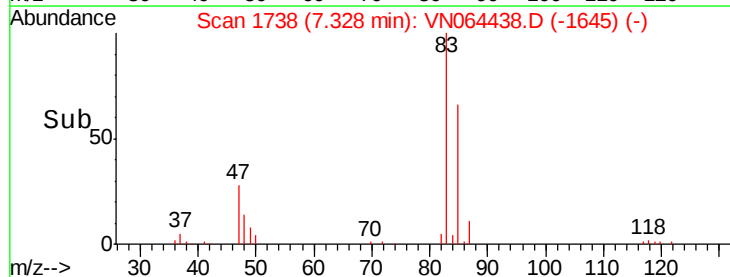
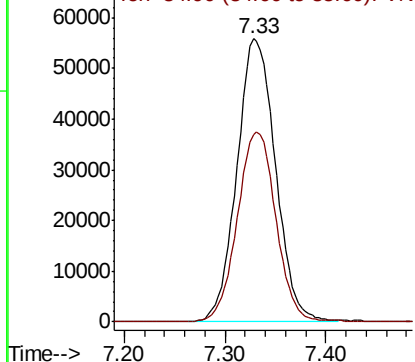


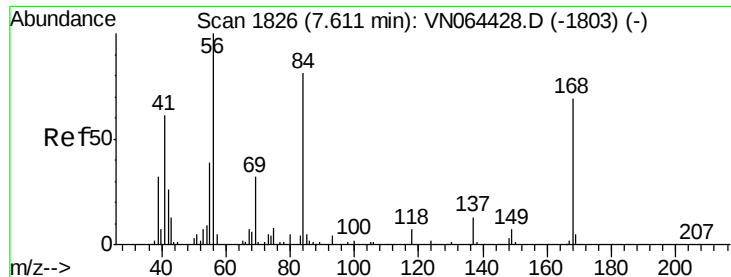
#30
Chloroform
Concen: 18.356 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 83 Resp: 148335
Ion Ratio Lower Upper
83 100
85 66.2 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

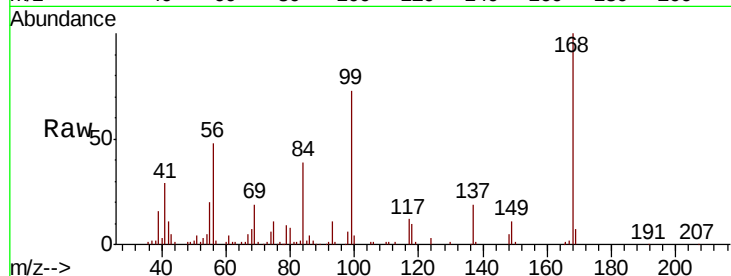




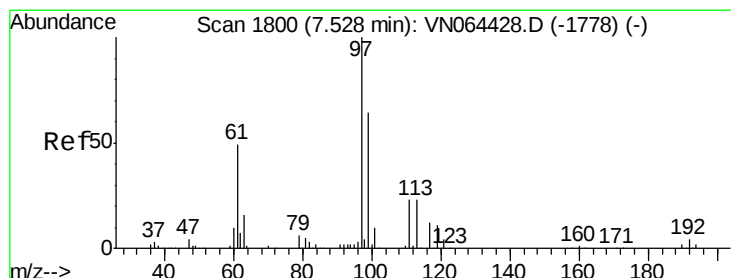
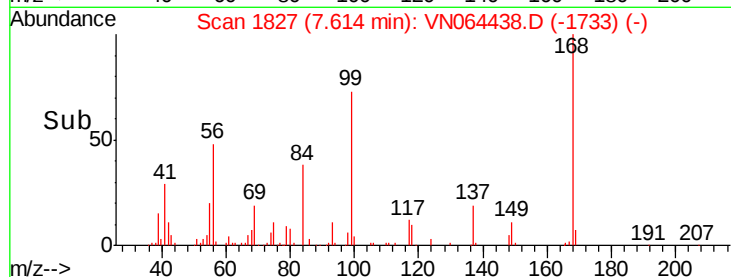
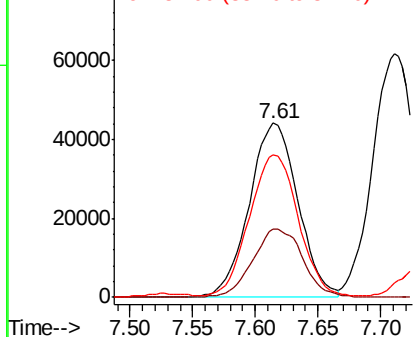
#31
Cyclohexane
Concen: 17.918 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 119517
Ion Ratio Lower Upper
56 100
69 39.2 25.6 38.4#
84 80.6 63.0 94.6

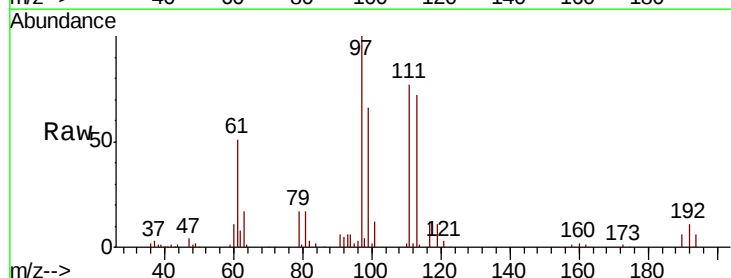


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

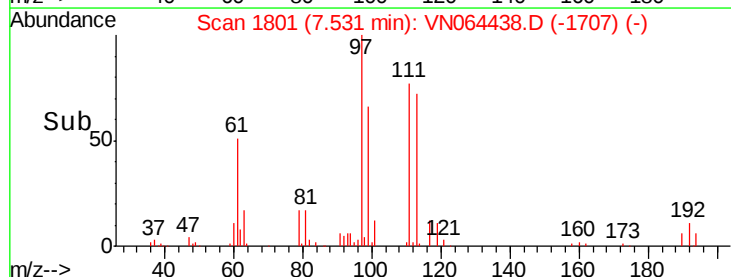
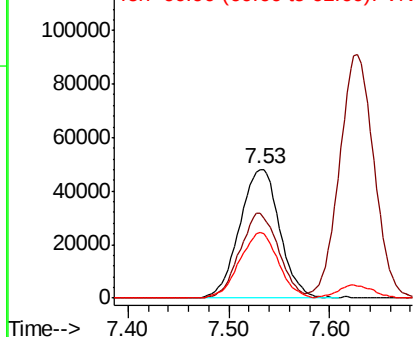


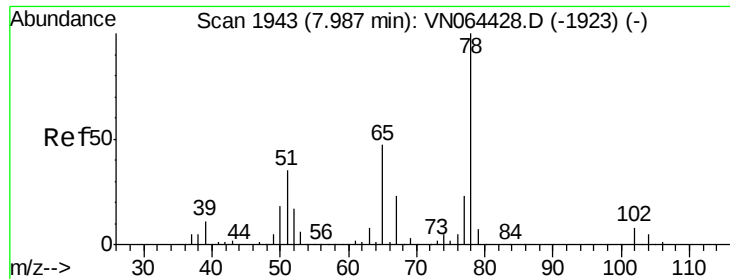
#32
1,1,1-Trichloroethane
Concen: 18.515 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 97 Resp: 132705
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 49.2 39.1 58.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

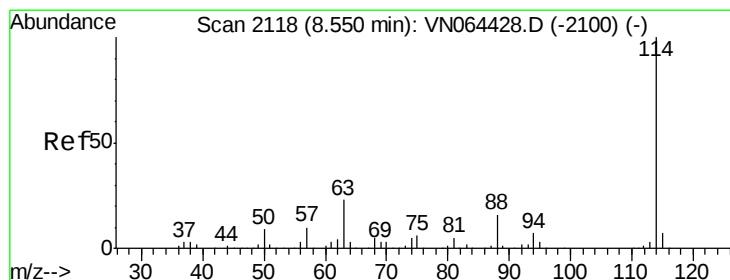
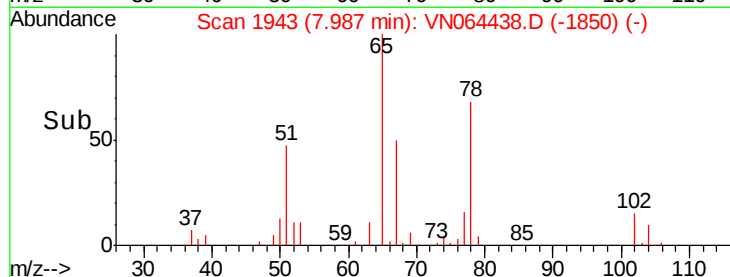
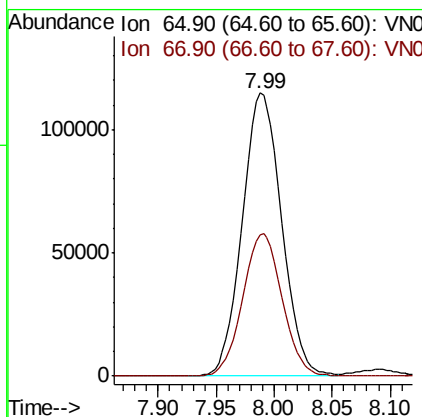
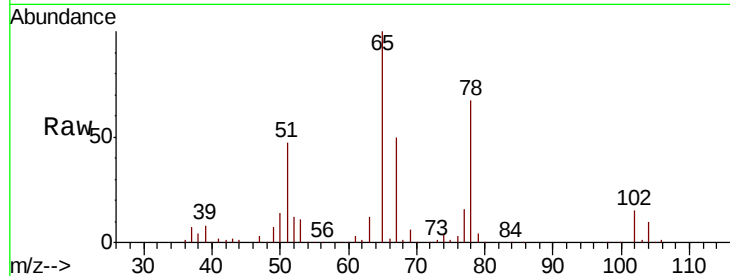




#33
 1,2-Dichloroethane-d4
 Concen: 49.497 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

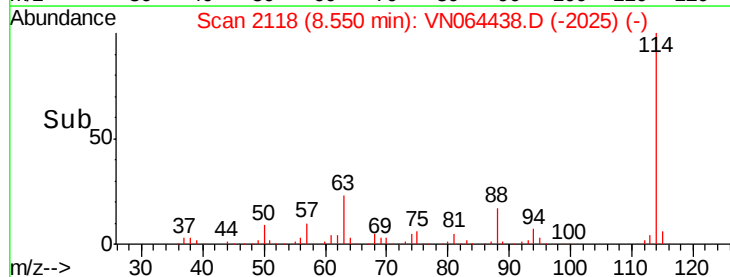
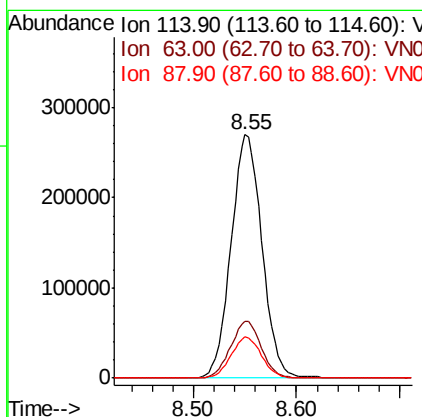
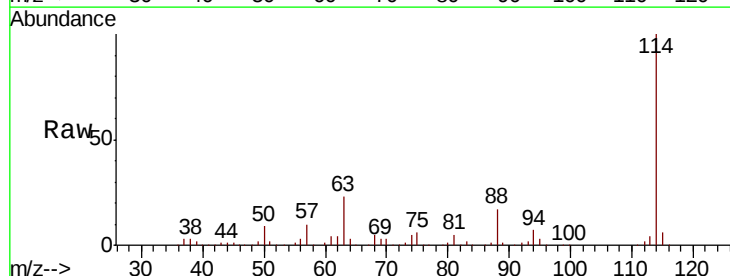
Instrument :
 MSVOA_N
 ClientSampleId :

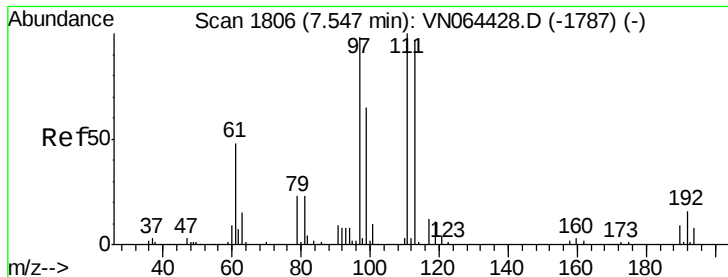
Tot Ion: 65 Resp: 271598
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 114 Resp: 563386
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.6
 88 16.9 0.0 32.8

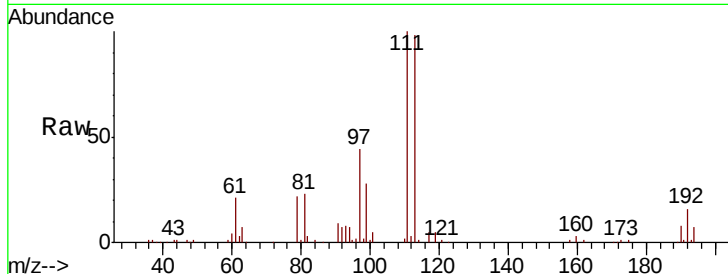




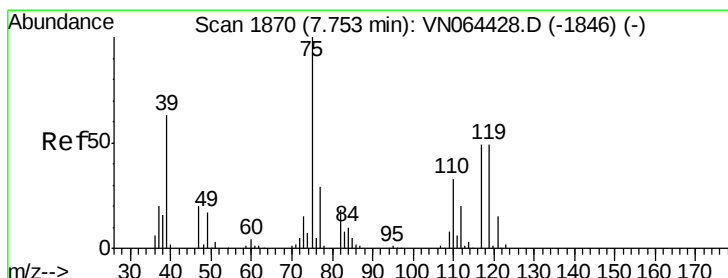
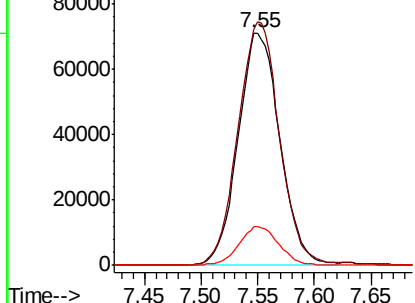
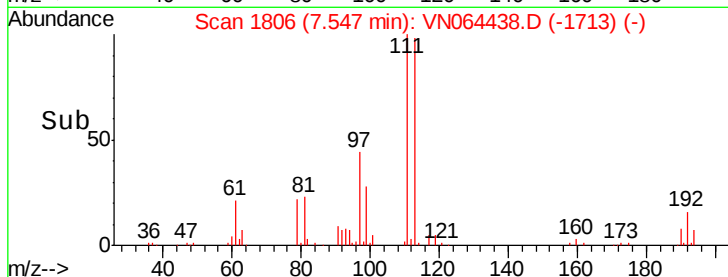
#35
 Dibromofluoromethane
 Concen: 47.565 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 182453
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.1 121.7
 192 15.9 12.8 19.2

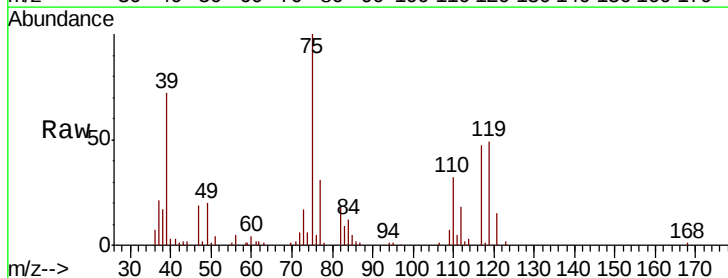


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

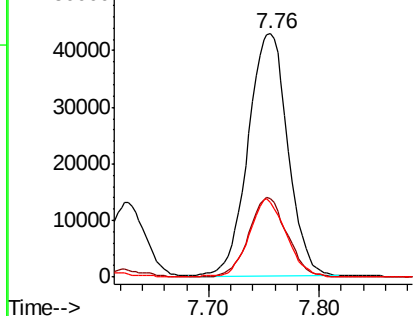
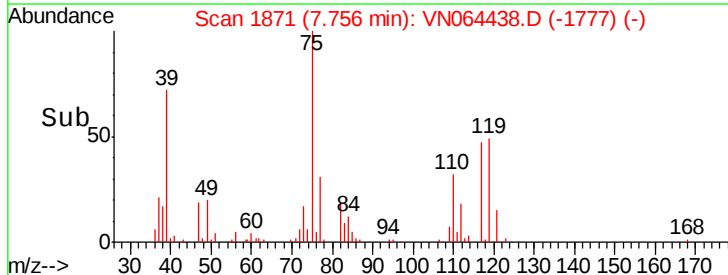


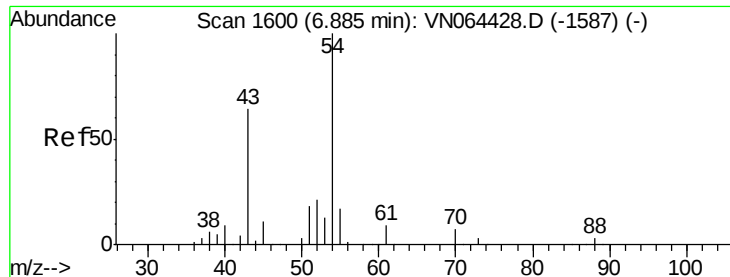
#36
 1,1-Dichloropropene
 Concen: 17.974 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 75 Resp: 106977
 Ion Ratio Lower Upper
 75 100
 110 31.4 16.0 48.0
 77 30.2 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

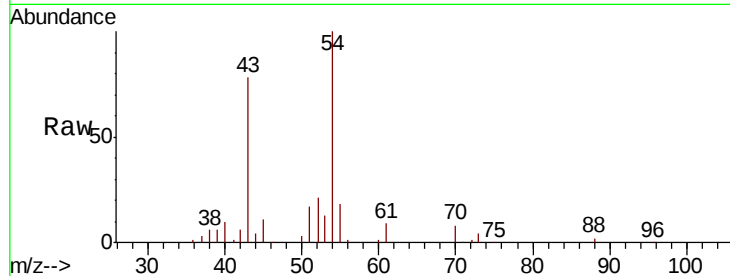




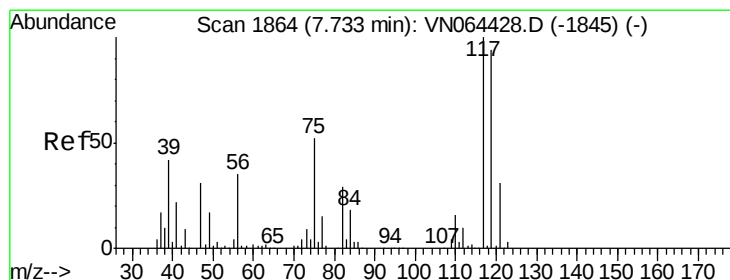
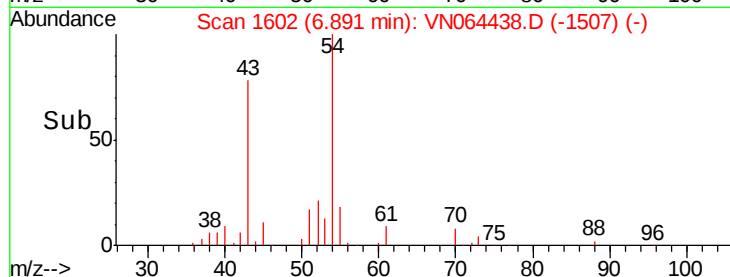
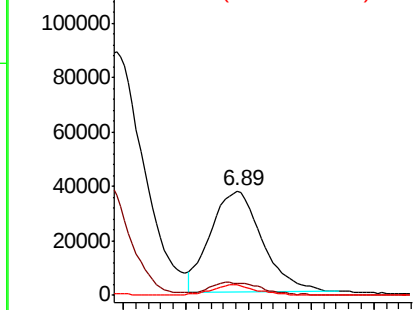
#37
Ethyl Acetate
Concen: 18.165 ug/l
RT: 6.89 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 106749
Ion Ratio Lower Upper
43 100
61 11.8 10.0 15.0
70 9.1 7.1 10.7

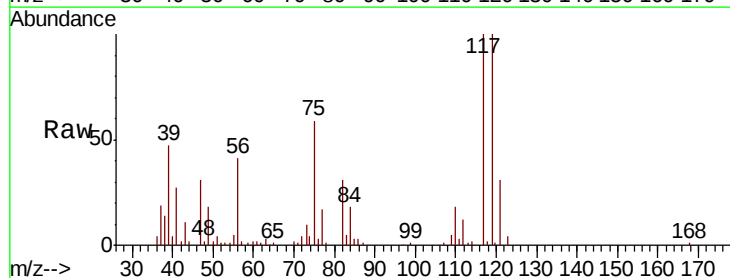


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

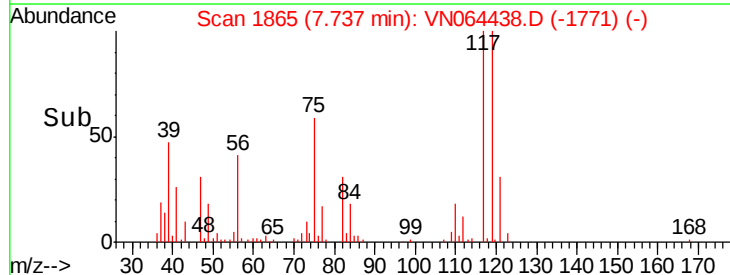
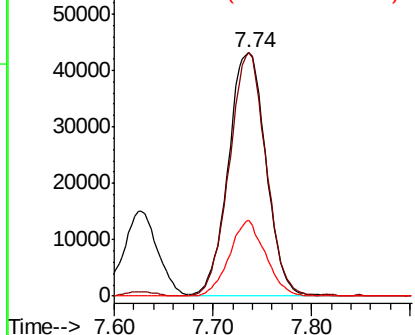


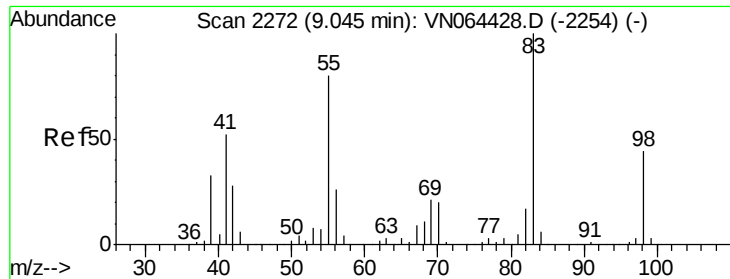
#38
Carbon Tetrachloride
Concen: 18.072 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 117 Resp: 114956
Ion Ratio Lower Upper
117 100
119 100.1 75.5 113.3
121 31.3 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

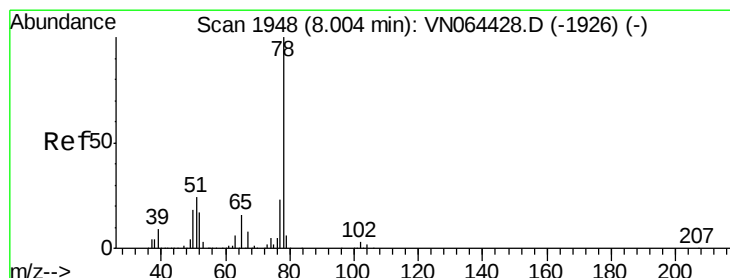
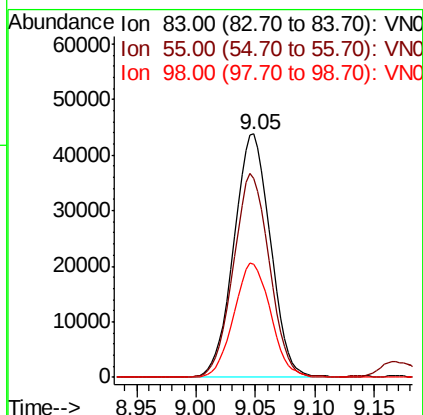
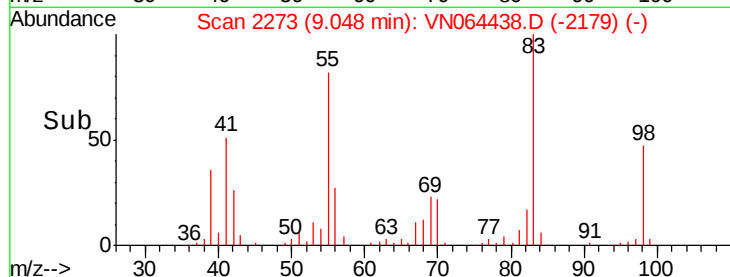
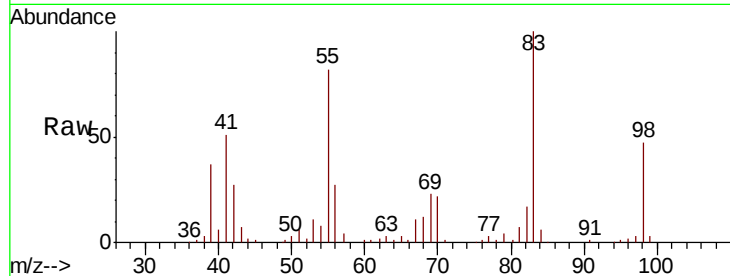




#39
Methvlcvclohexane
Concen: 17.534 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

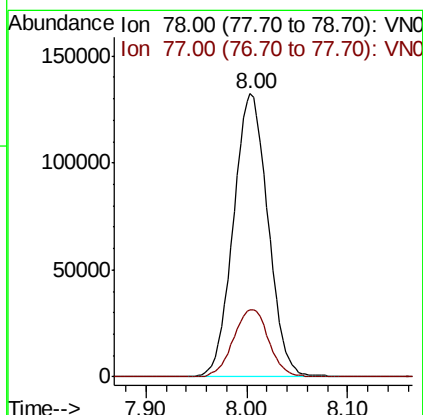
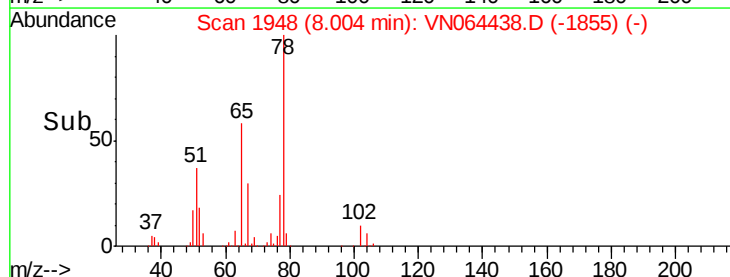
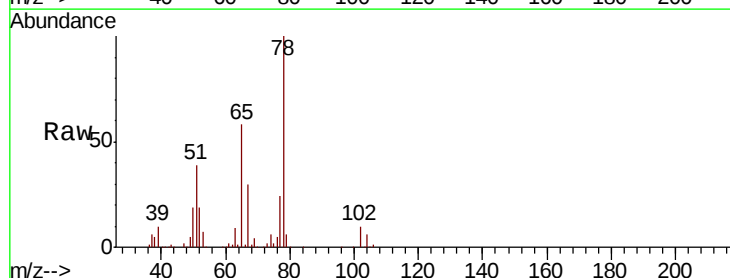
Instrument :
MSVOA_N
ClientSampled :

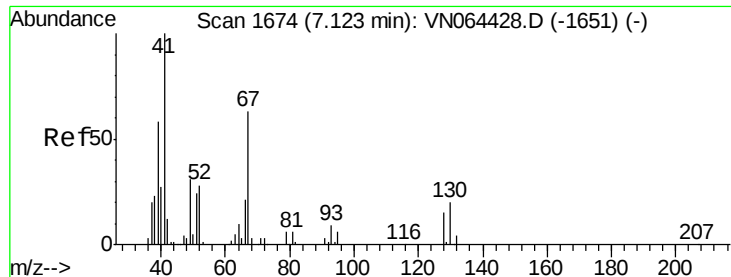
Tot Ion: 83 Resp: 93553
Ion Ratio Lower Upper
83 100
55 81.9 63.8 95.6
98 46.6 35.4 53.2



#40
Benzene
Concen: 17.983 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 78 Resp: 314511
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1

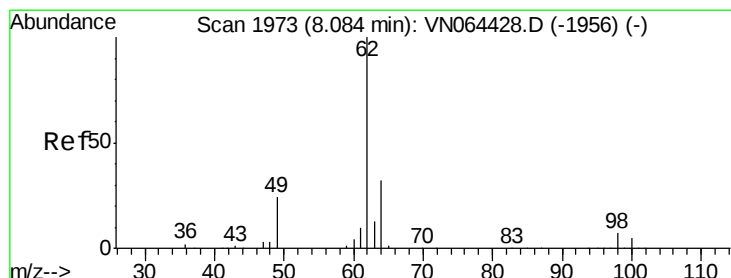
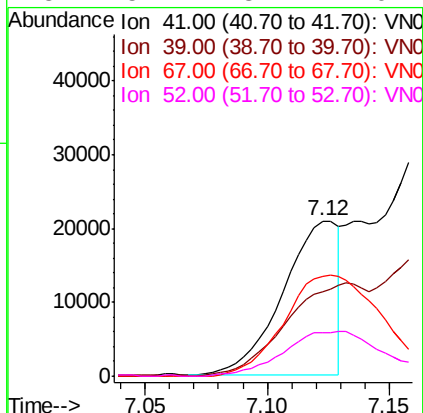
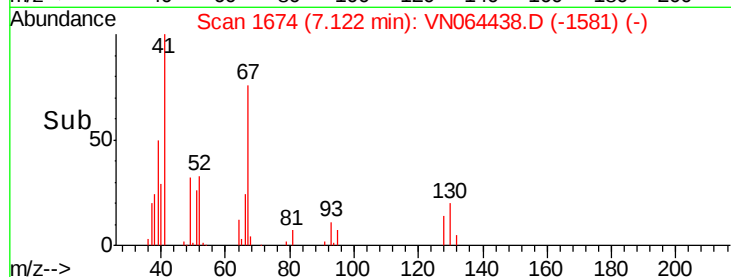
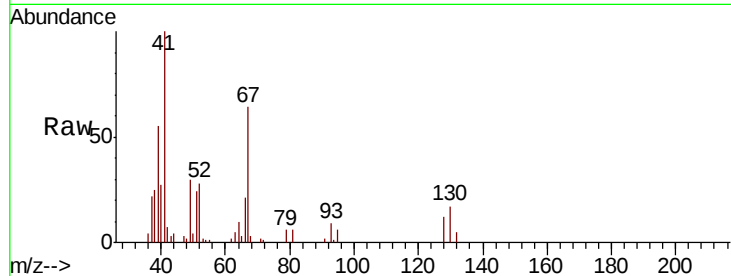




#41
Methacrylonitrile
Concen: 12.460 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

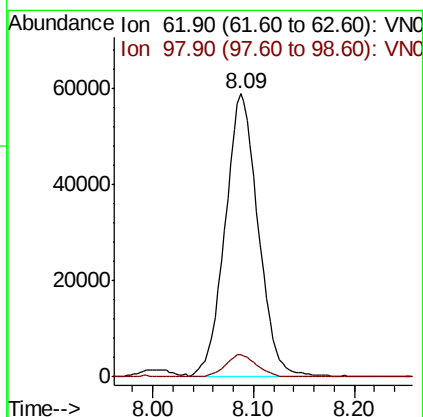
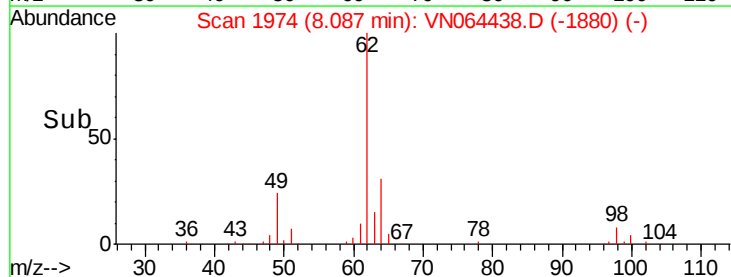
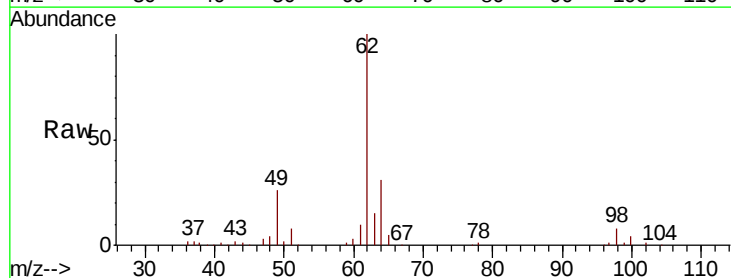
Instrument :
MSVOA_N
ClientSampled :

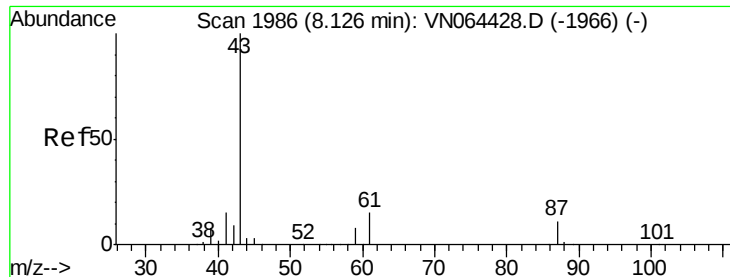
Tot Ion: 41 Resp: 32878
Ion Ratio Lower Upper
41 100
39 87.8 50.0 75.0#
67 117.8 68.3 102.5#
52 54.2 32.7 49.1#



#42
1,2-Dichloroethane
Concen: 18.905 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 62 Resp: 133434
Ion Ratio Lower Upper
62 100
98 7.4 0.0 14.0





#43

Isopropyl Acetate

Concen: 18.553 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampled :

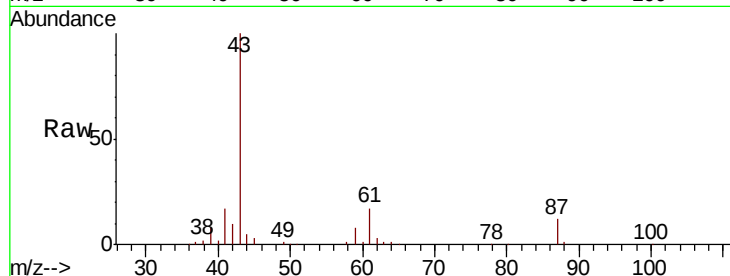
Tot Ion: 43 Resp: 178947

Ion Ratio Lower Upper

43 100

61 17.4 14.0 21.0

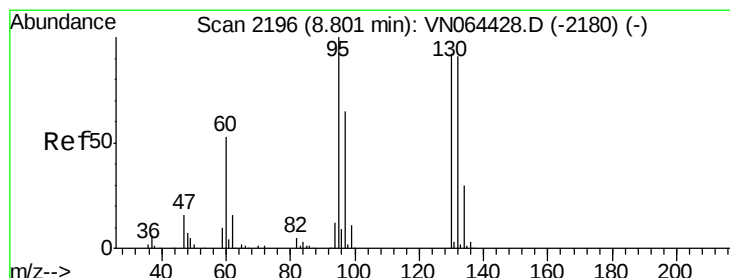
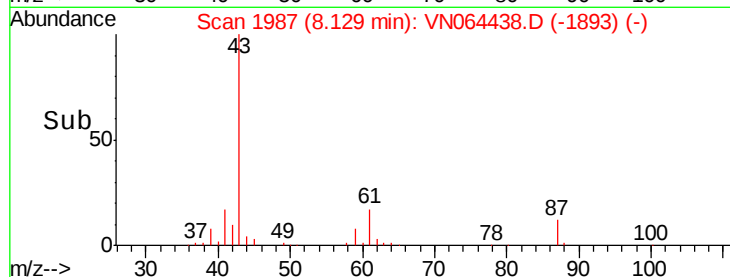
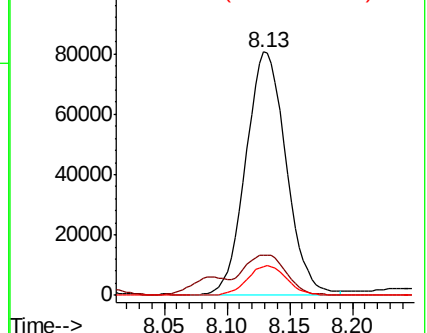
87 12.1 9.1 13.7



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: 17.932 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064438.D

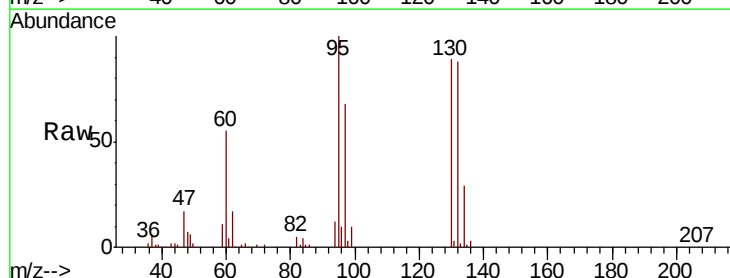
Acq: 4 Nov 2020 16:00

Tgt Ion:130 Resp: 79126

Ion Ratio Lower Upper

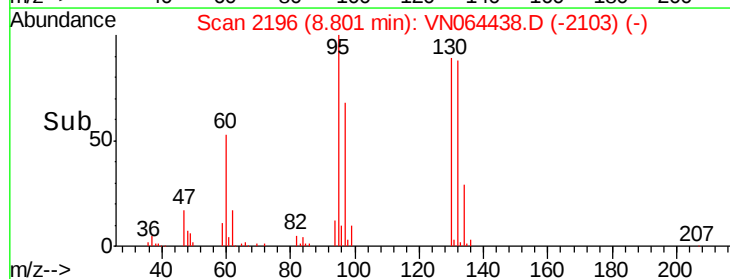
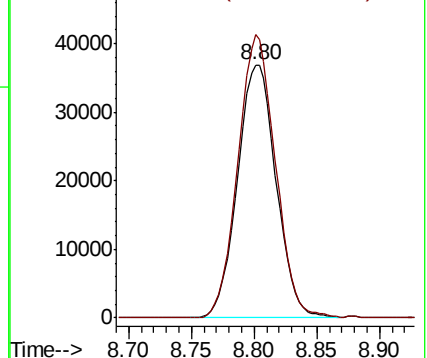
130 100

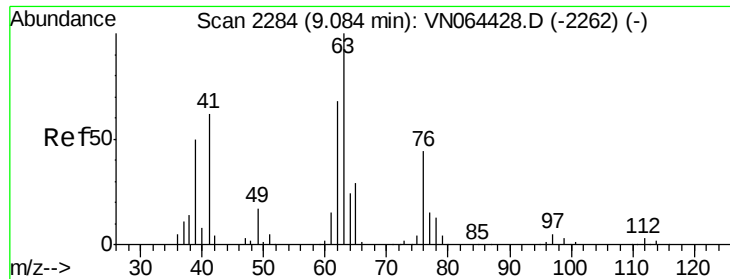
95 111.8 0.0 216.8



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

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

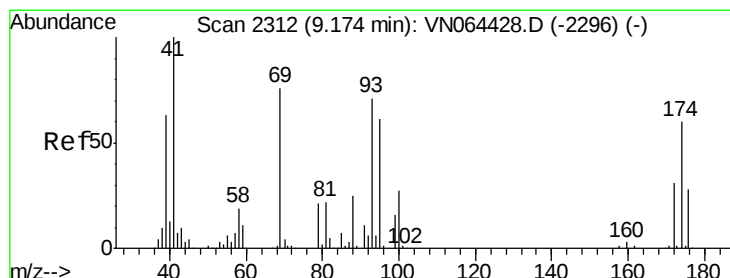
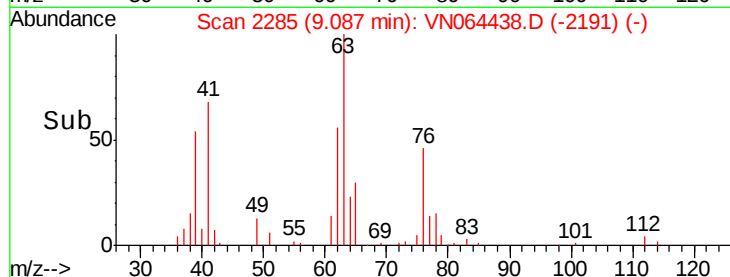
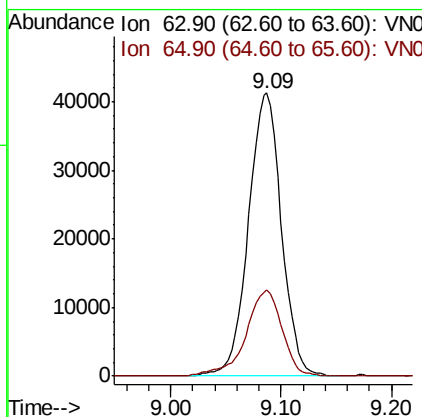
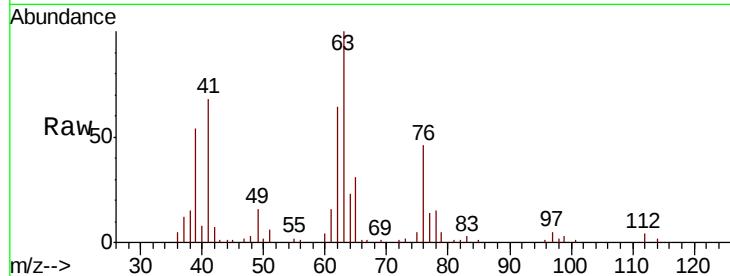




#45
 1,2-Dichloropropane
 Concen: 18.314 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

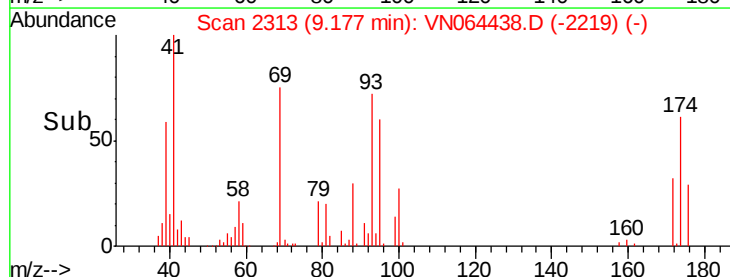
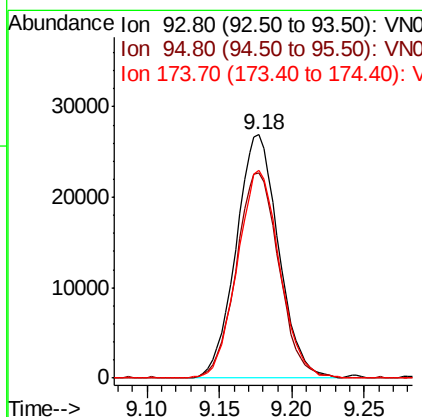
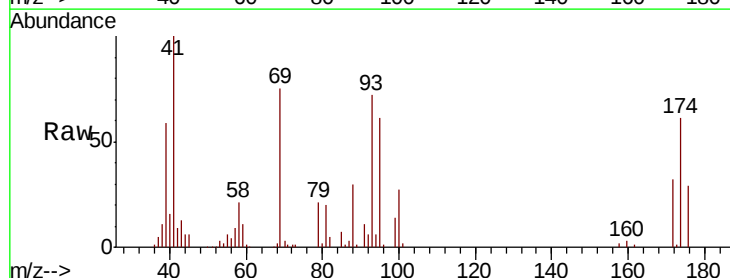
Instrument :
 MSVOA_N
 ClientSampled :

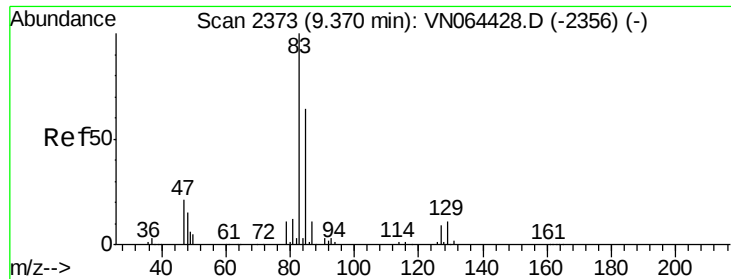
Tot Ion: 63 Resp: 85464
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.6 35.4



#46
 Dibromomethane
 Concen: 17.886 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 93 Resp: 54944
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.4 99.6
 174 85.2 67.2 100.8





#47

Bromodichloromethane

Concen: 18.116 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

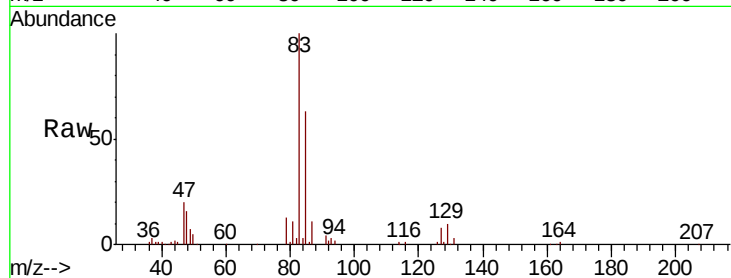
Tot Ion: 83 Resp: 119664

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8

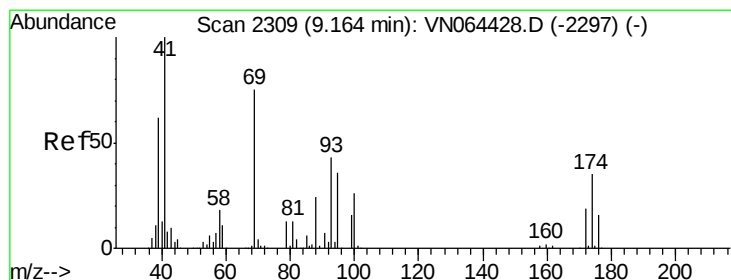
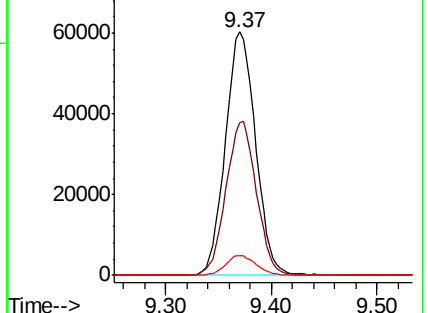
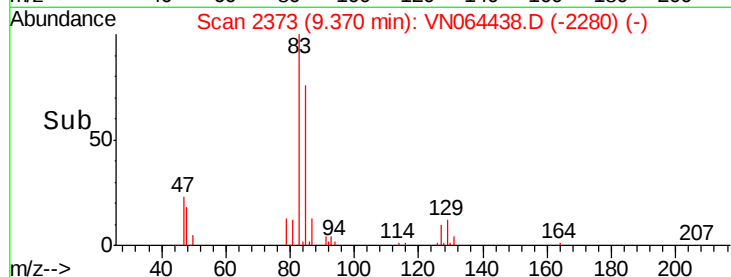
127 8.3 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064438.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064438.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064438.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.638 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

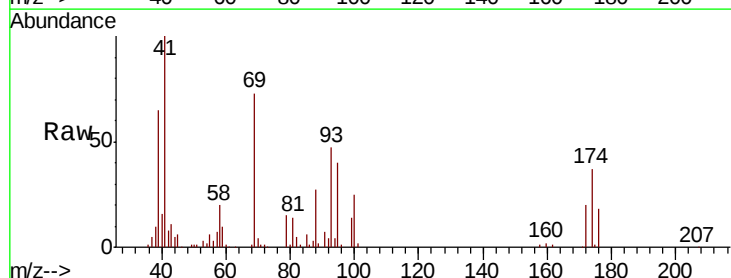
Tgt Ion: 41 Resp: 90714

Ion Ratio Lower Upper

41 100

69 73.3 60.4 90.6

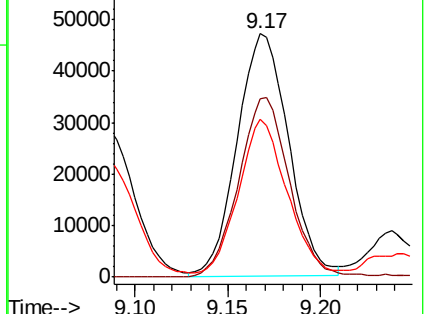
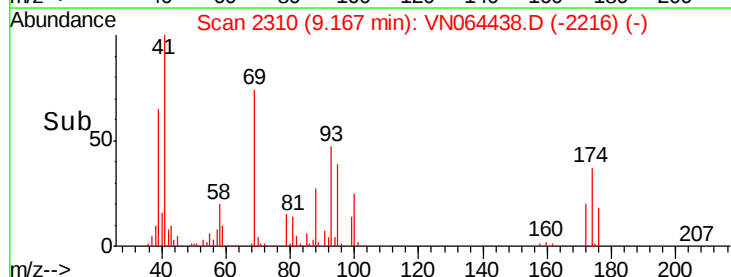
39 61.9 51.2 76.8

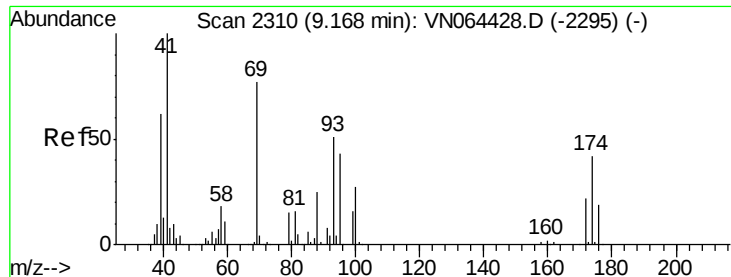


Abundance Ion 41.00 (40.70 to 41.70): VN064438.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064438.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064438.D (-2216) (-)

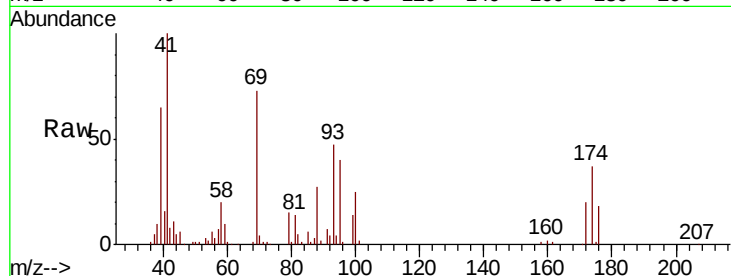




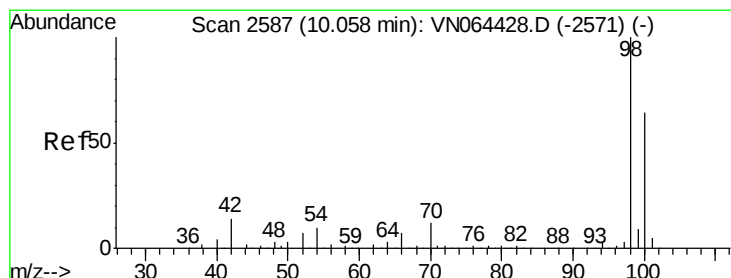
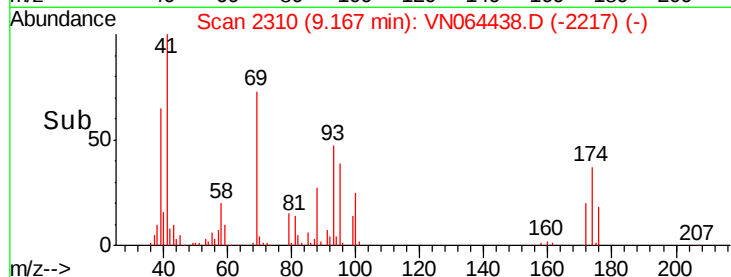
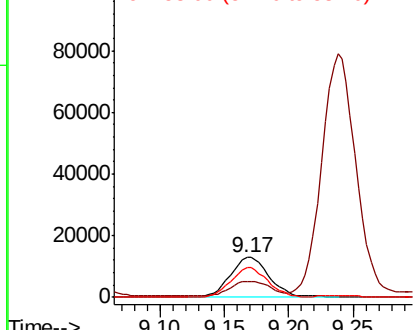
#49
 1,4-Dioxane
 Concen: 426.121 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 27317
 Ion Ratio Lower Upper
 88 100
 43 37.6 31.0 46.6
 58 71.2 58.4 87.6

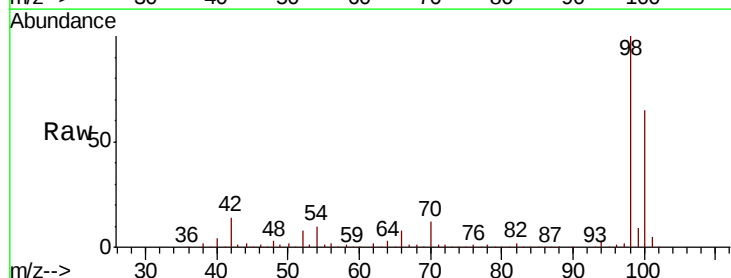


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

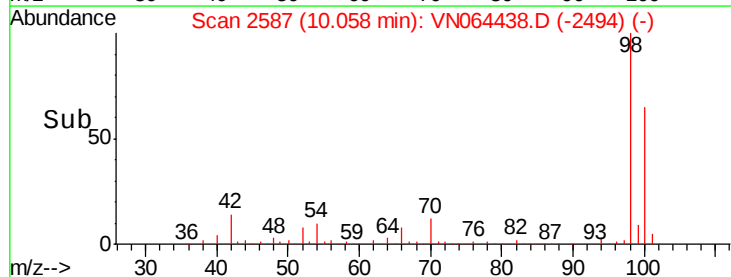
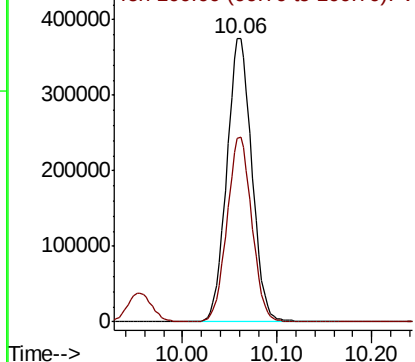


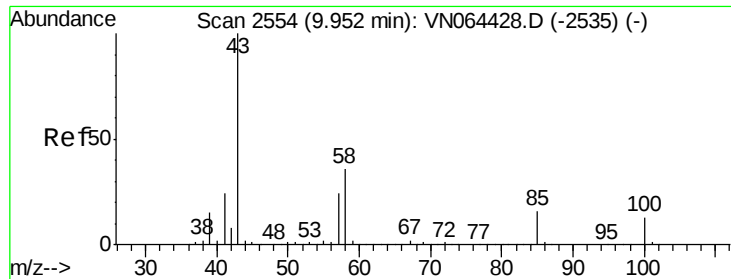
#50
 Toluene-d8
 Concen: 46.514 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 98 Resp: 689603
 Ion Ratio Lower Upper
 98 100
 100 64.5 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 98.917 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

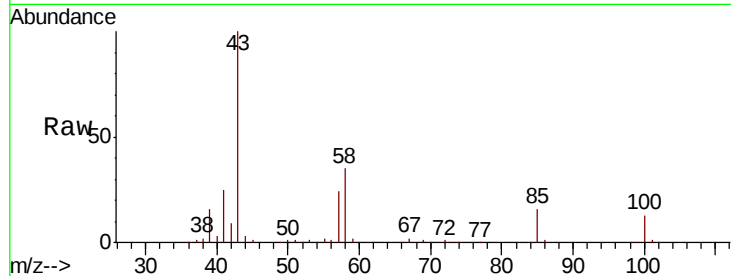
ClientSampleId :

Tot Ion: 43 Resp: 556396

Ion Ratio Lower Upper

43 100

58 35.4 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064438.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064438.D (-2535) (-)

9.96

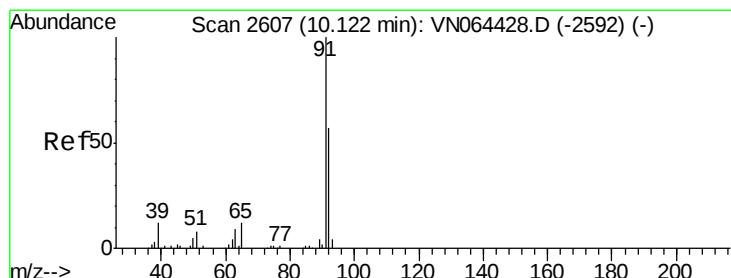
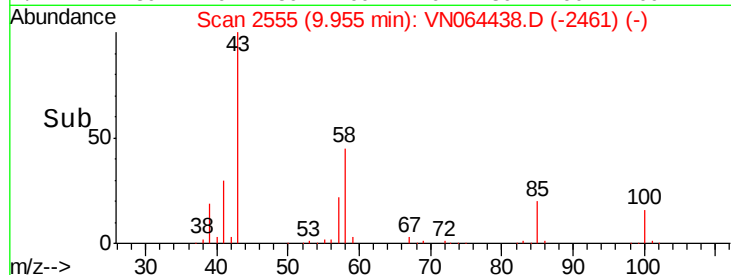
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.104 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064438.D

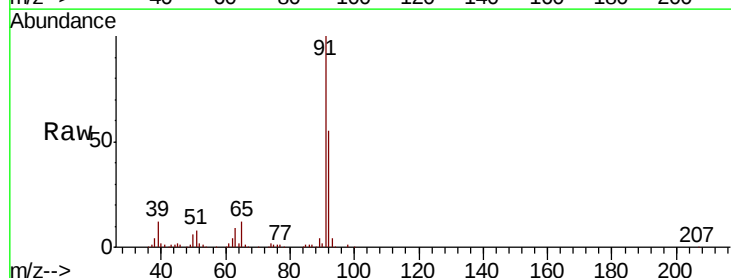
Acq: 4 Nov 2020 16:00

Tgt Ion: 92 Resp: 193112

Ion Ratio Lower Upper

92 100

91 178.3 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064438.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN064438.D (-2514) (-)

10.13

200000

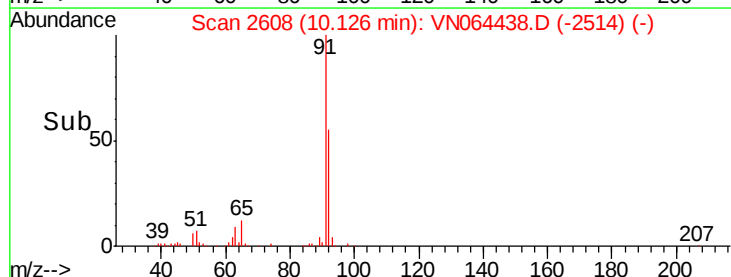
150000

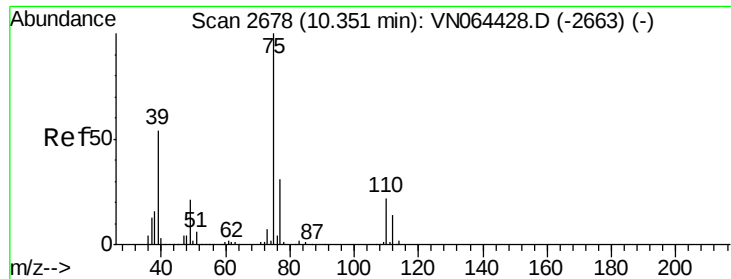
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.830 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

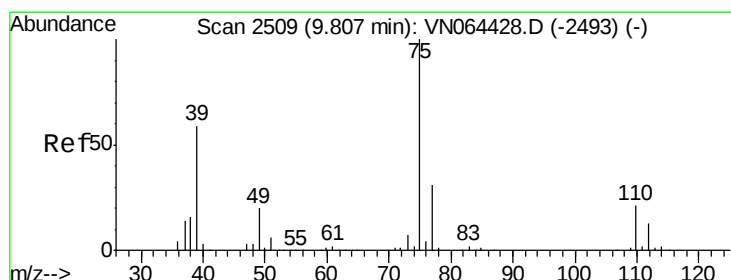
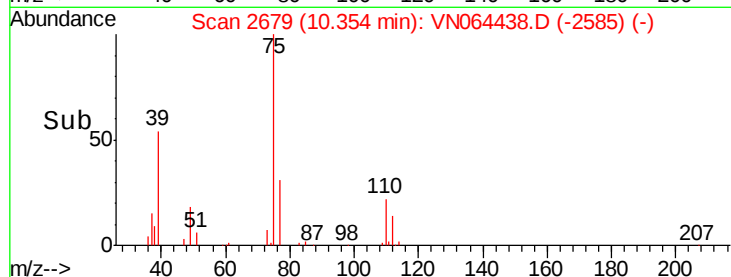
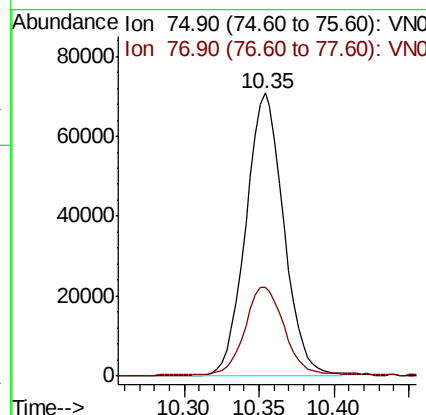
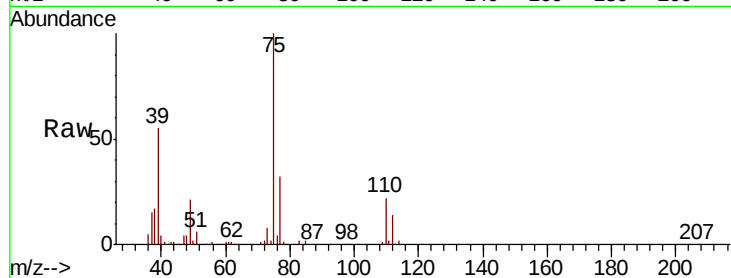
ClientSampleId :

Tot Ion: 75 Resp: 124858

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 17.877 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

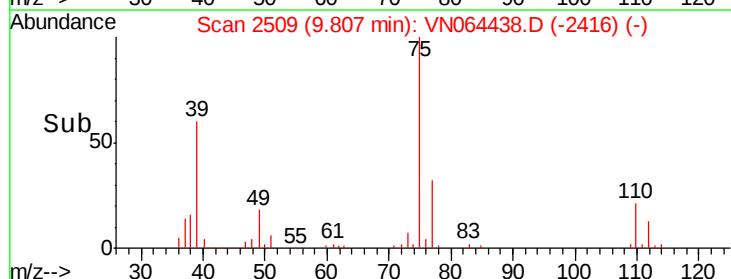
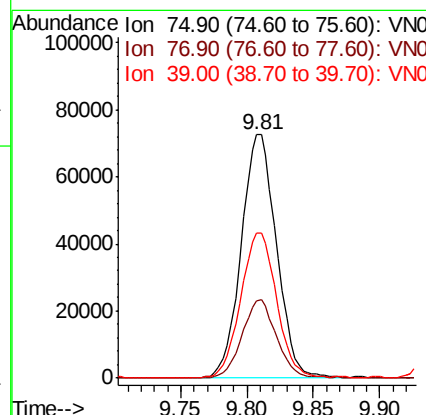
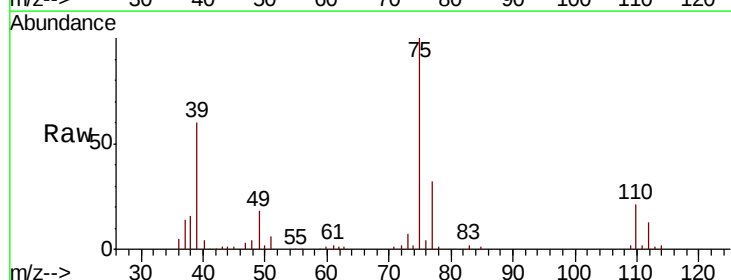
Tgt Ion: 75 Resp: 133850

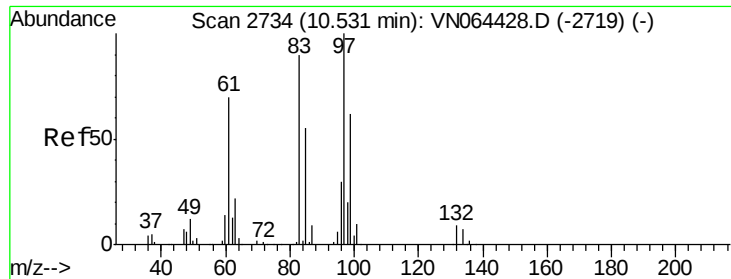
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 59.3 47.1 70.7

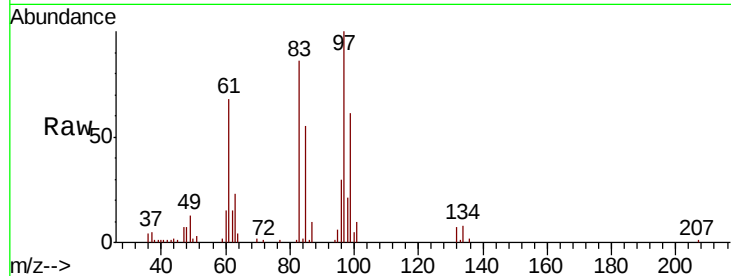




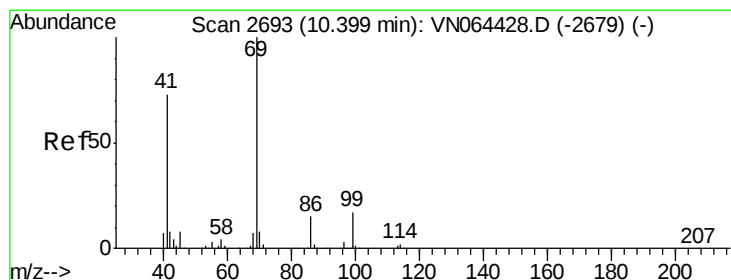
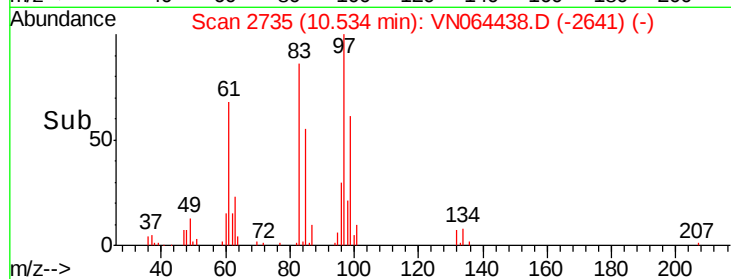
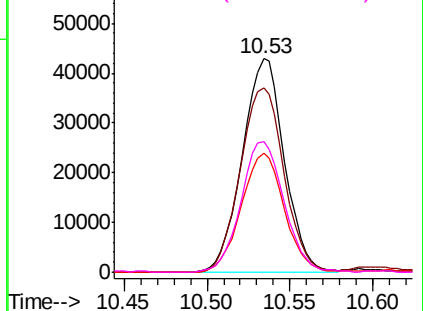
#55
 1,1,2-Trichloroethane
 Concen: 18.160 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	75549
Ion	Ratio	Lower	Upper
97	100		
83	86.0	71.7	107.5
85	55.5	44.3	66.5
99	61.0	49.4	74.2

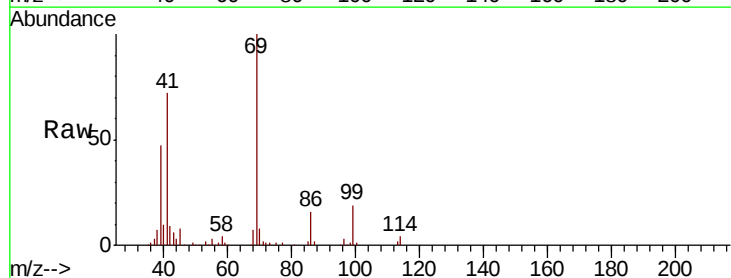


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

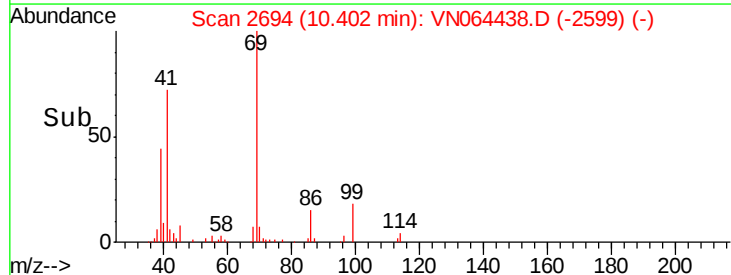
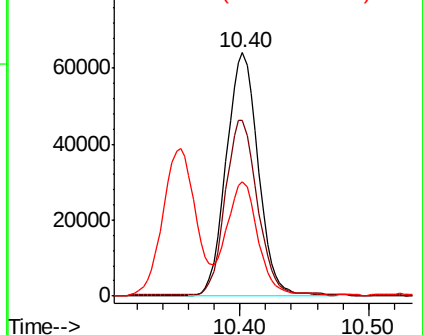


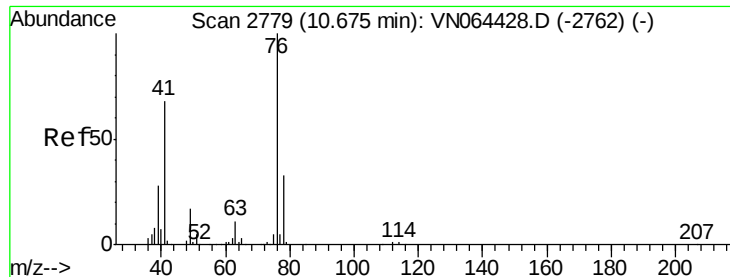
#56
 Ethyl methacrylate
 Concen: 17.444 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion:	69	Resp:	110879
Ion	Ratio	Lower	Upper
69	100		
41	71.3	59.3	88.9
39	45.6	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: 18.613 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

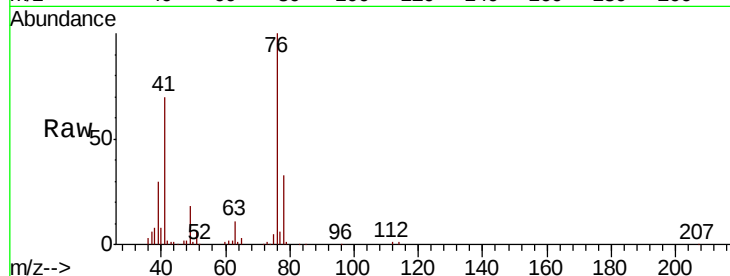
ClientSampled :

Tot Ion: 76 Resp: 135158

Ion Ratio Lower Upper

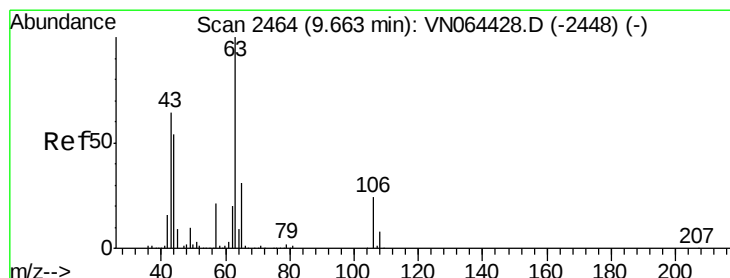
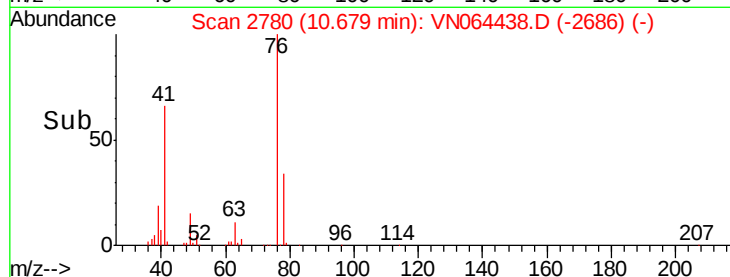
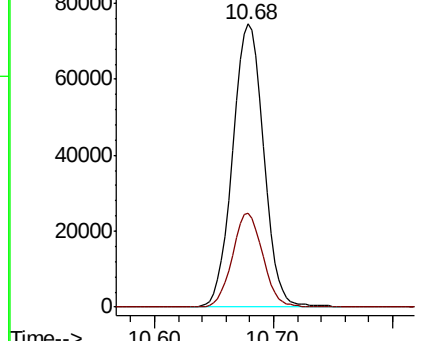
76 100

78 32.5 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN064428.D (-2762) (-)

Ion 77.90 (77.60 to 78.60): VN064428.D (-2762) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 104.251 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN064438.D

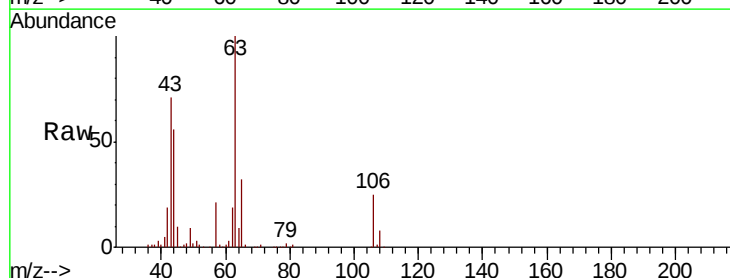
Acq: 4 Nov 2020 16:00

Tgt Ion: 63 Resp: 292729

Ion Ratio Lower Upper

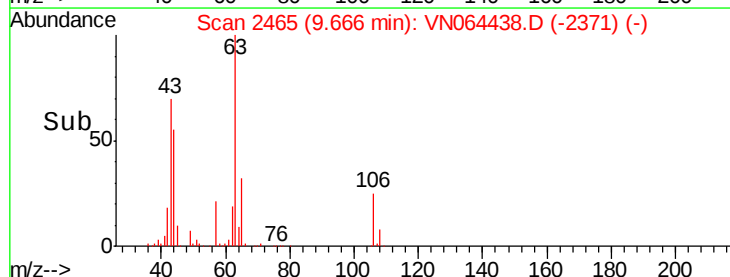
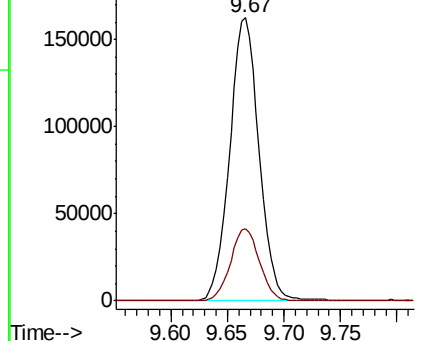
63 100

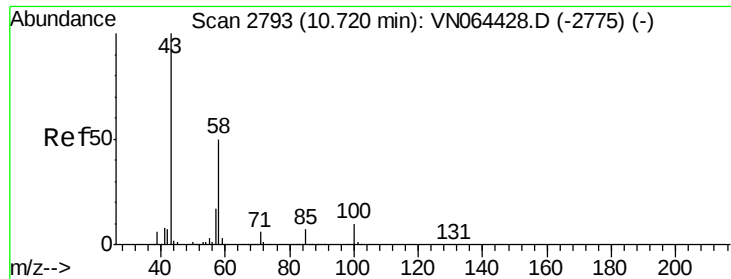
106 25.2 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN064428.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN064428.D (-2448) (-)

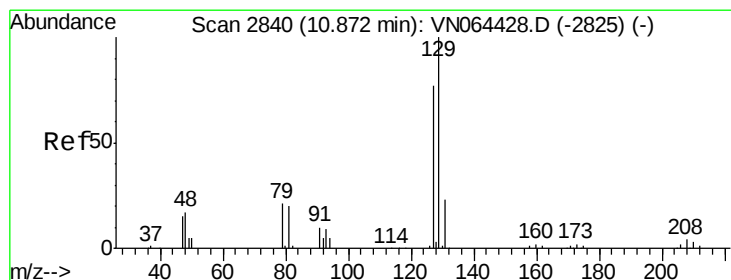
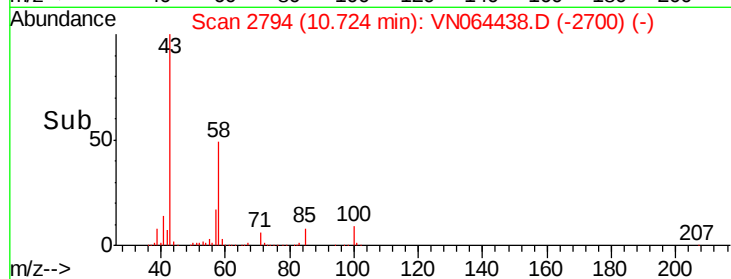
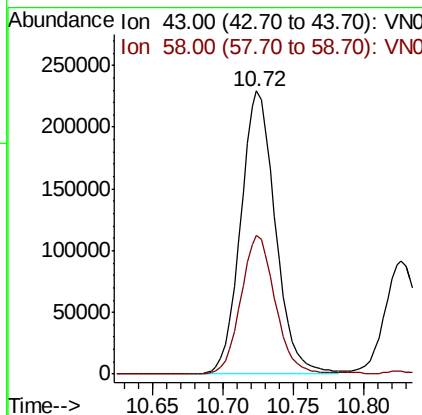
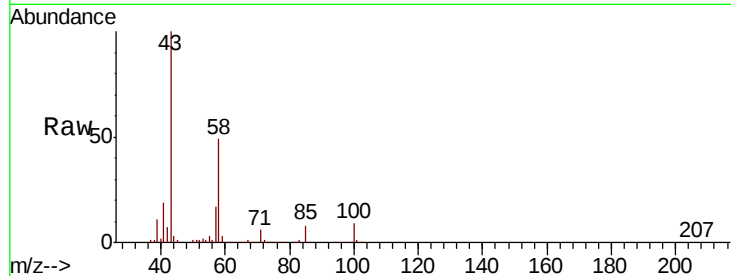




#59
2-Hexanone
Concen: 88.571 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

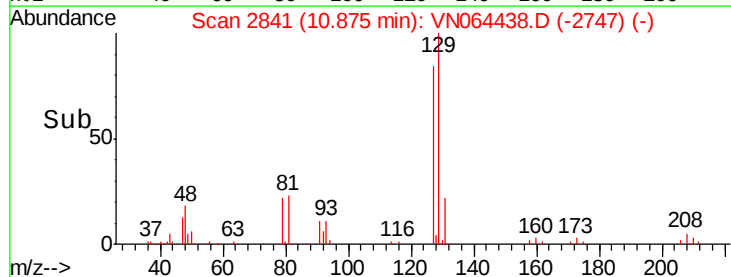
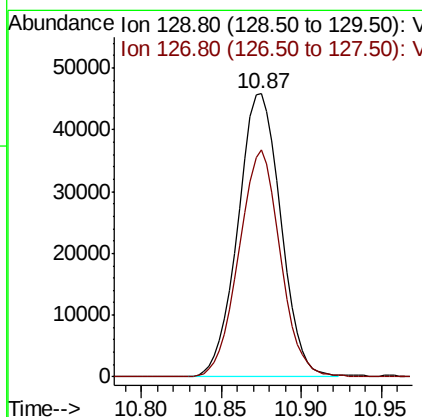
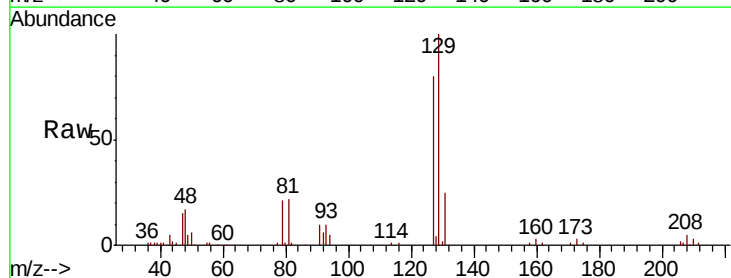
Instrument :
MSVOA_N
ClientSampleId :

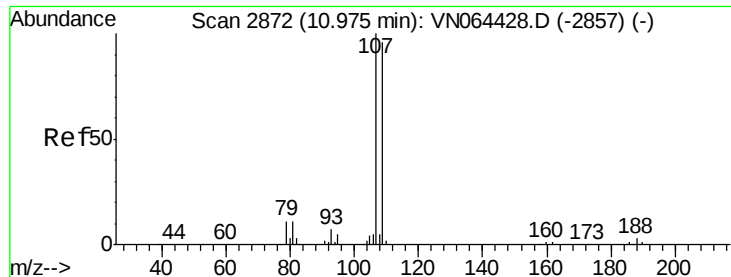
Tot Ion: 43 Resp: 394129
Ion Ratio Lower Upper
43 100
58 49.0 24.7 74.1



#60
Dibromochloromethane
Concen: 18.028 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 129 Resp: 83966
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7

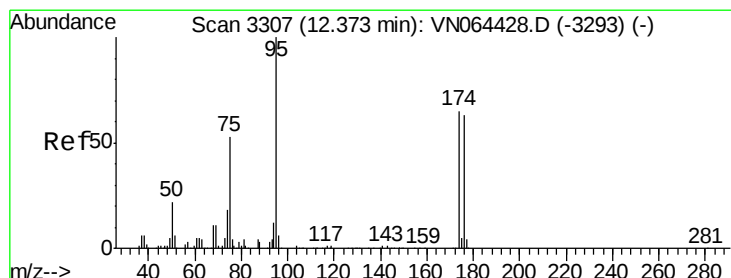
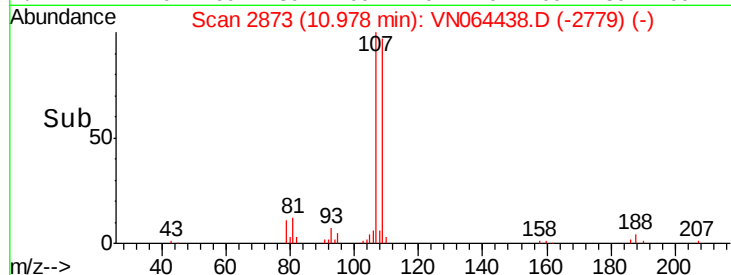
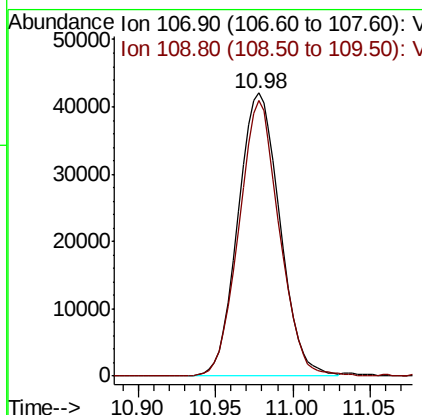
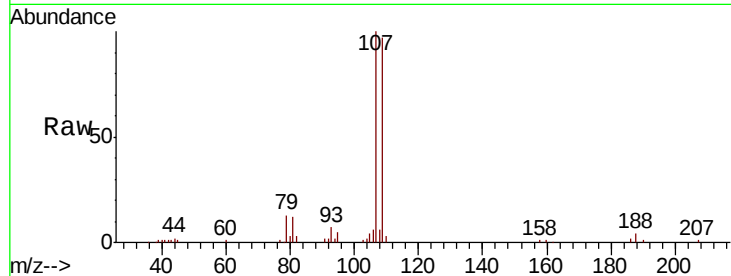




#61
 1,2-Dibromoethane
 Concen: 18.733 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

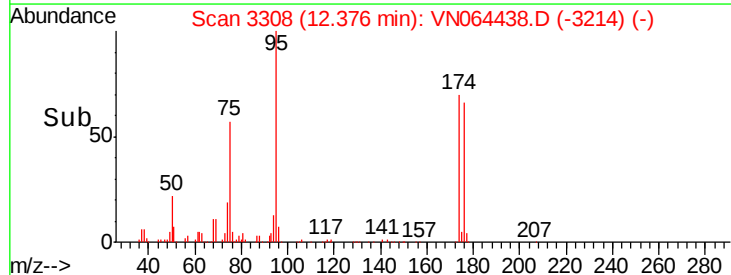
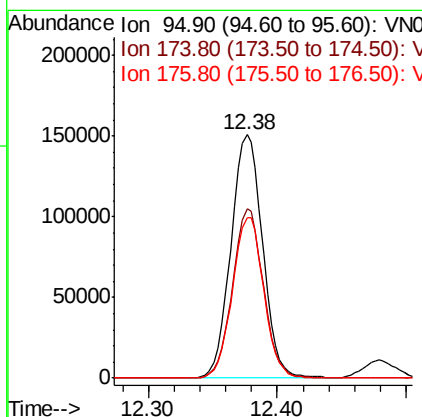
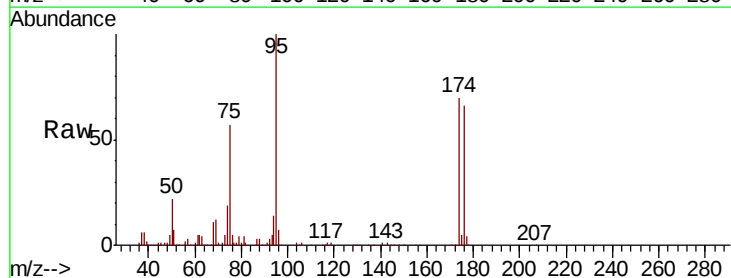
Instrument :
 MSVOA_N
 ClientSampled :

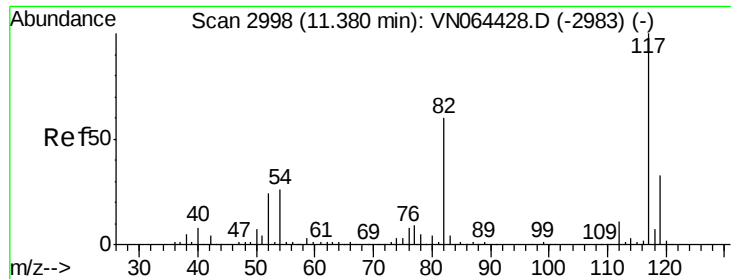
Tot Ion: 107 Resp: 79048
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 45.806 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 95 Resp: 256828
 Ion Ratio Lower Upper
 95 100
 174 67.9 0.0 132.6
 176 65.3 0.0 129.2

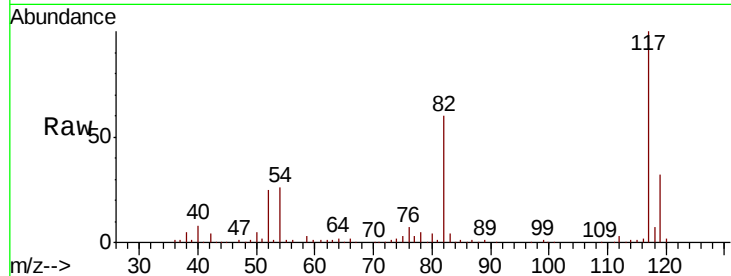




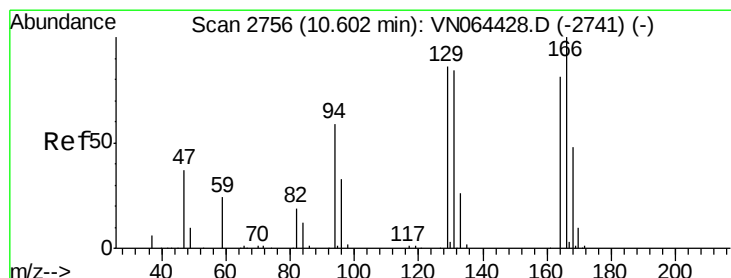
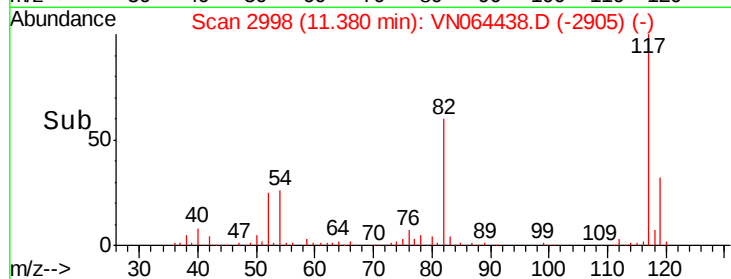
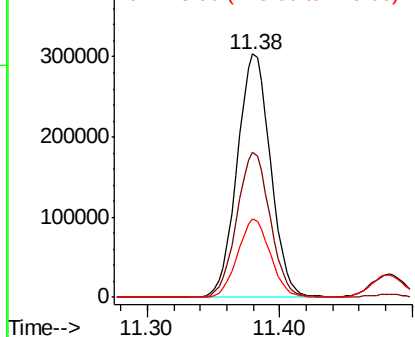
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 530324
Ion Ratio Lower Upper
117 100
82 59.6 48.1 72.1
119 32.4 26.2 39.4

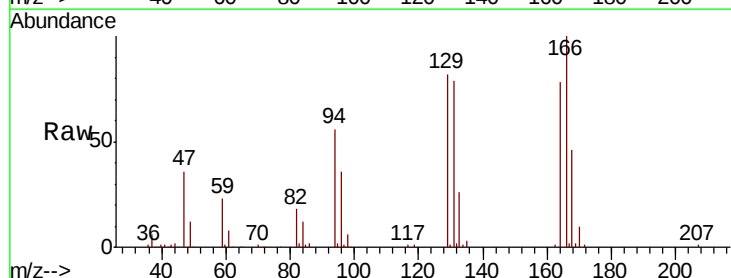


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

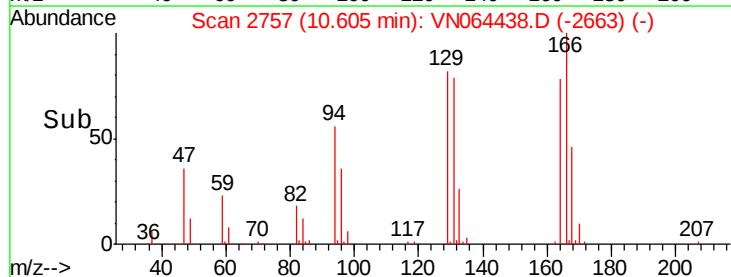
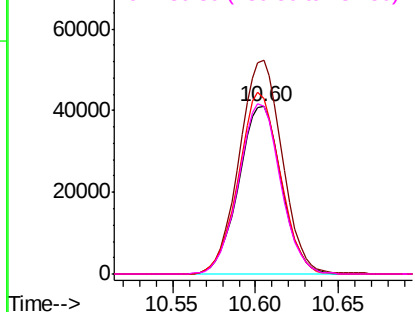


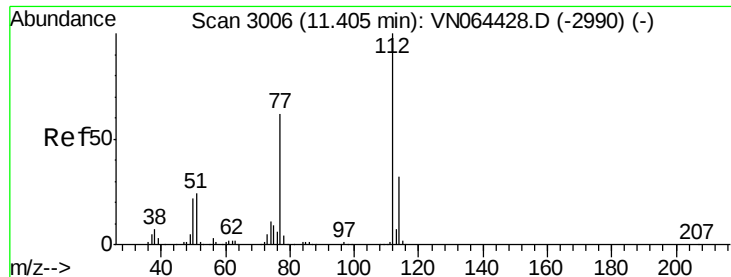
#64
Tetrachloroethene
Concen: 18.035 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion:164 Resp: 73675
Ion Ratio Lower Upper
164 100
166 127.7 98.2 147.2
129 104.7 84.6 127.0
131 100.4 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

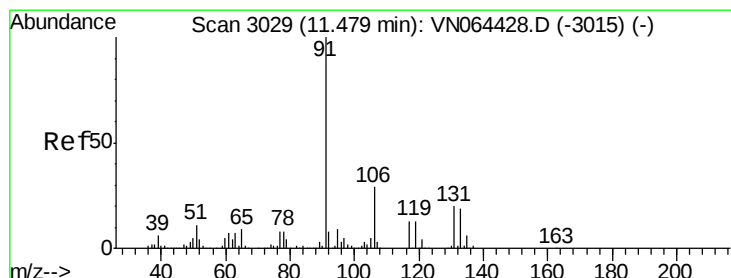
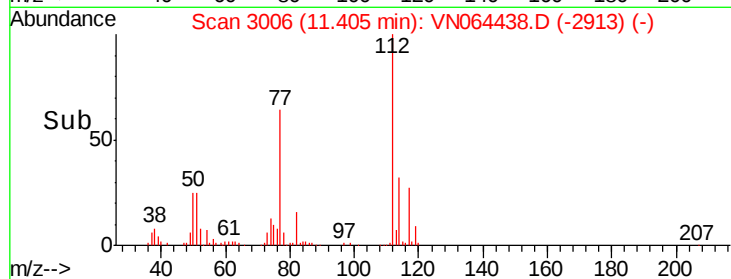
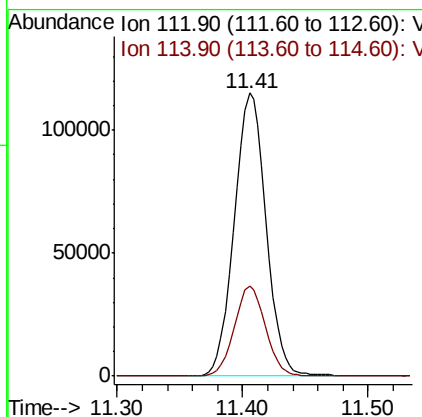
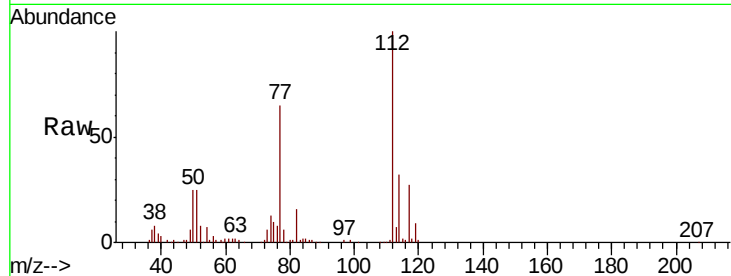




#65
Chlorobenzene
Concen: 17.456 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

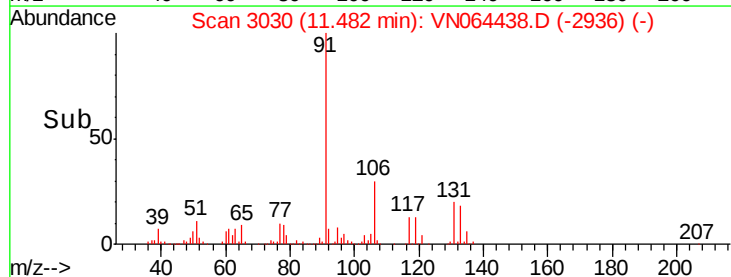
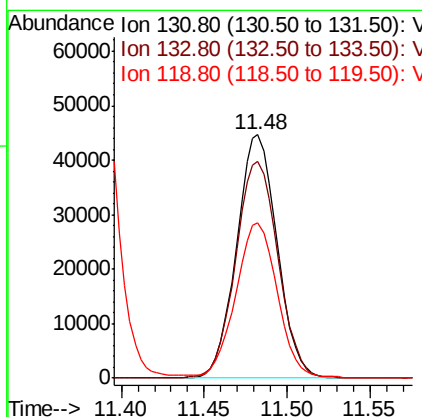
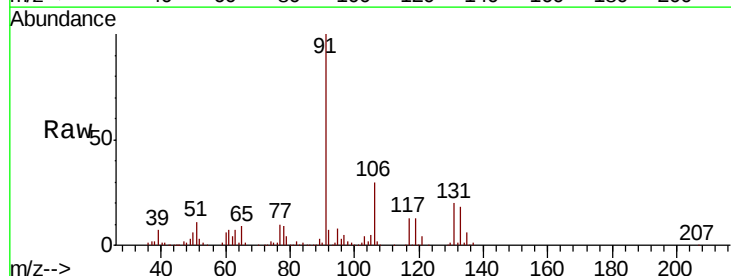
Instrument :
MSVOA_N
ClientSampled :

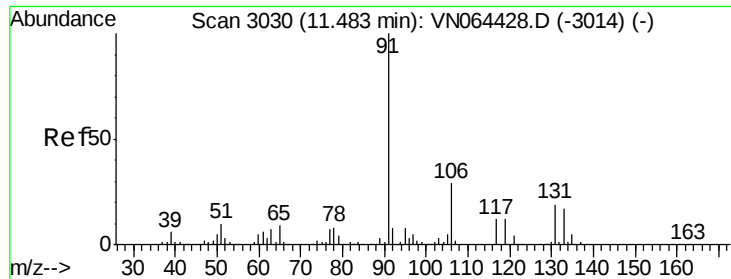
Tot Ion:112 Resp: 202941
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.485 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion:131 Resp: 75835
Ion Ratio Lower Upper
131 100
133 93.2 46.9 140.7
119 65.6 32.1 96.5

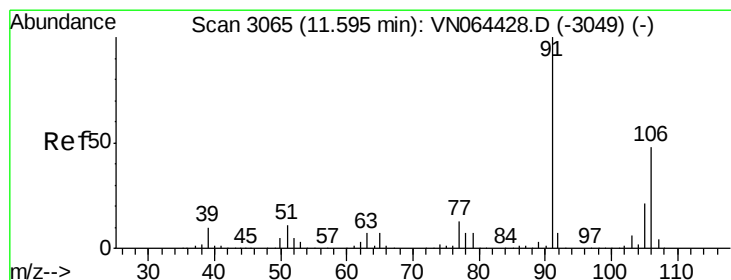
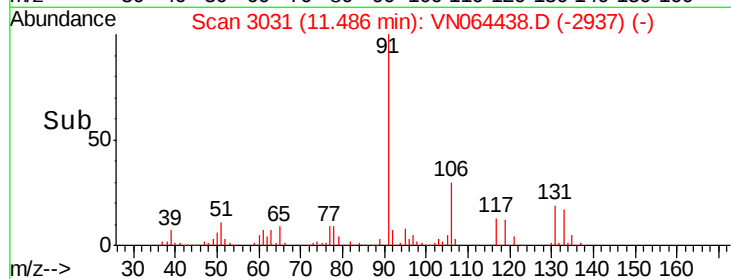
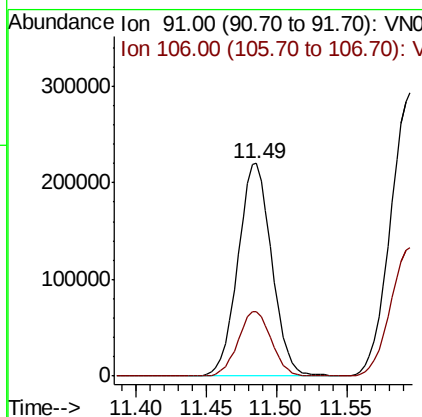
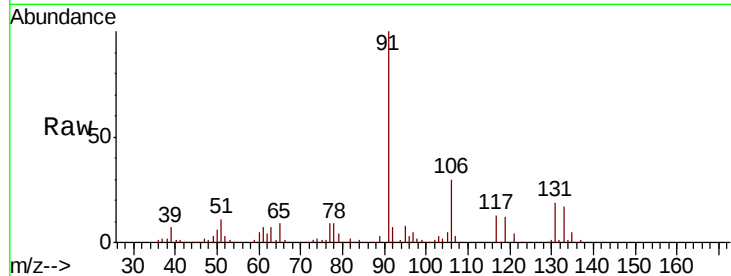




#67
Ethyl Benzene
Concen: 17.885 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

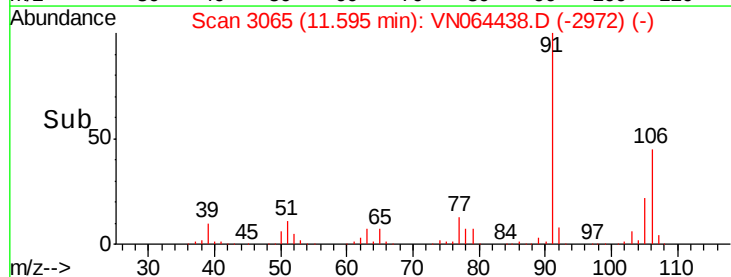
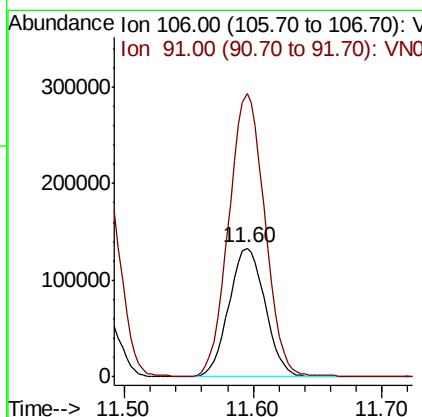
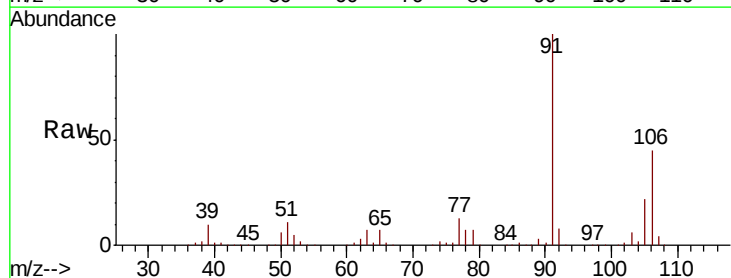
Instrument :
MSVOA_N
ClientSampled :

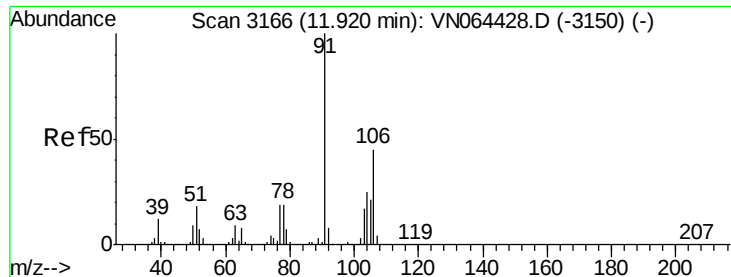
Tot Ion: 91 Resp: 369856
Ion Ratio Lower Upper
91 100
106 30.0 23.6 35.4



#68
m/p-Xylenes
Concen: 34.554 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 106 Resp: 259141
Ion Ratio Lower Upper
106 100
91 219.7 169.4 254.2

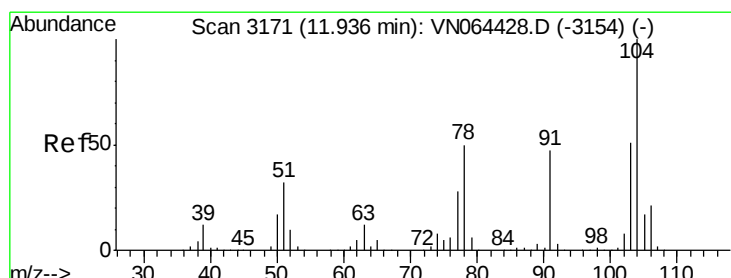
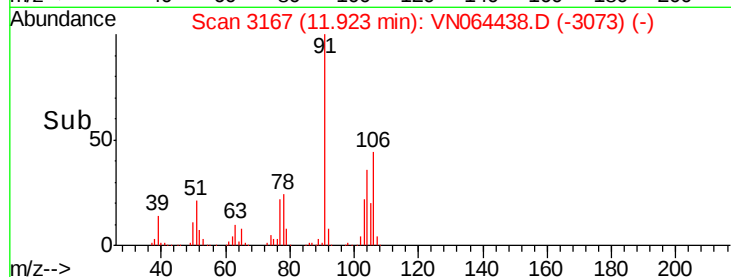
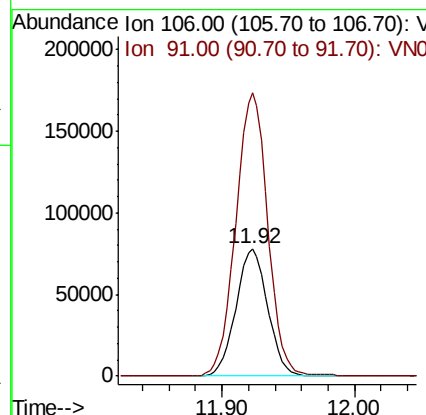
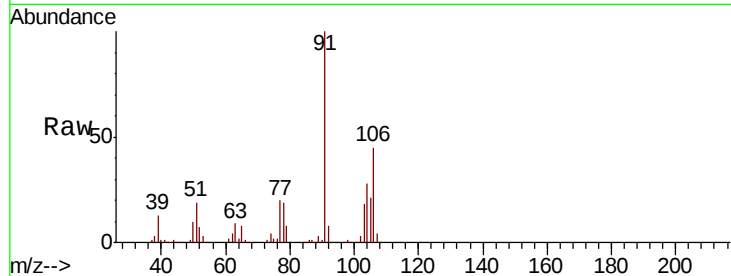




#69
o-Xylene
Concen: 17.956 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

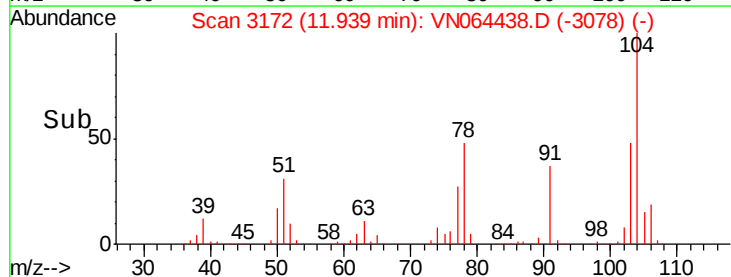
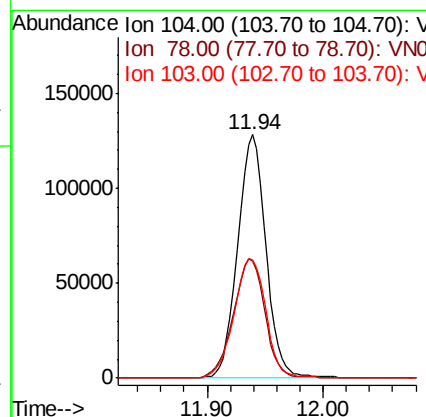
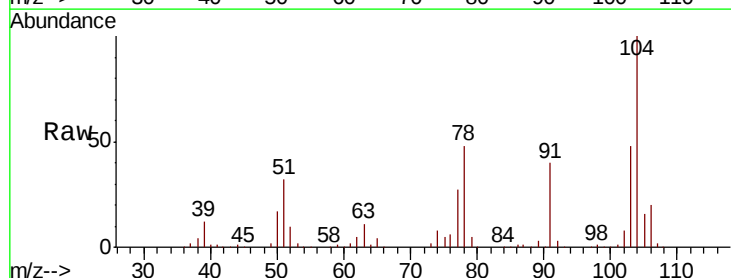
Instrument :
MSVOA_N
ClientSampleId :

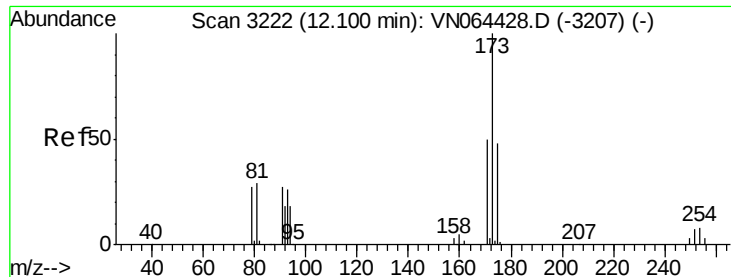
Tot Ion:106 Resp: 130125
Ion Ratio Lower Upper
106 100
91 222.3 111.7 334.9



#70
Styrene
Concen: 17.735 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion:104 Resp: 216270
Ion Ratio Lower Upper
104 100
78 54.6 44.0 66.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 16.850 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

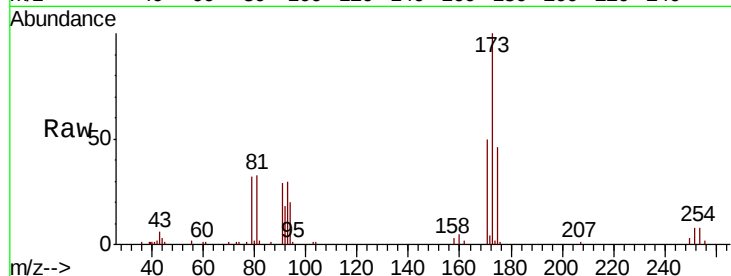
Tot Ion:173 Resp: 52049

Ion Ratio Lower Upper

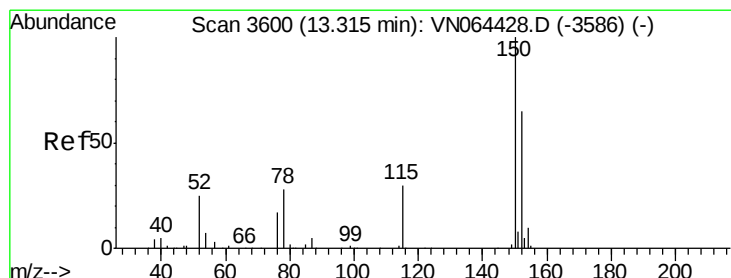
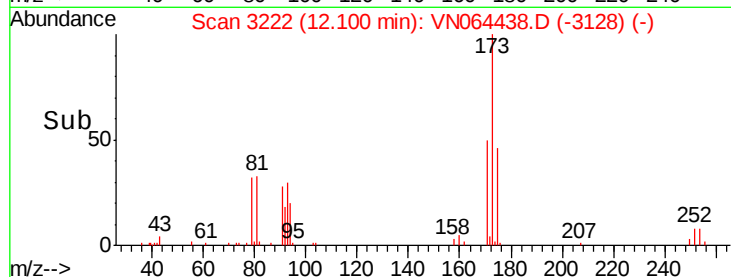
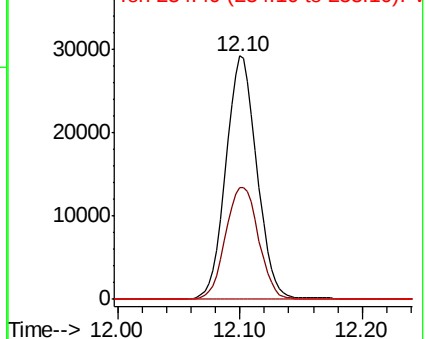
173 100

175 48.7 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: VN064438.D

Acq: 4 Nov 2020 16:00

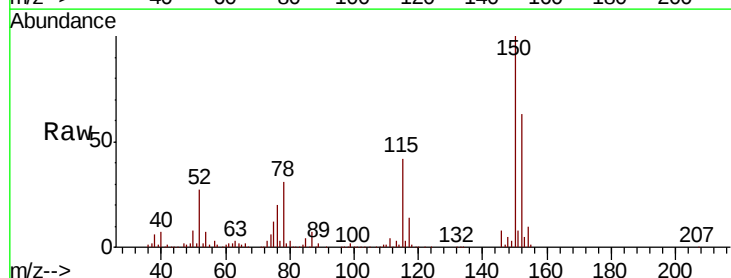
Tgt Ion:152 Resp: 228031

Ion Ratio Lower Upper

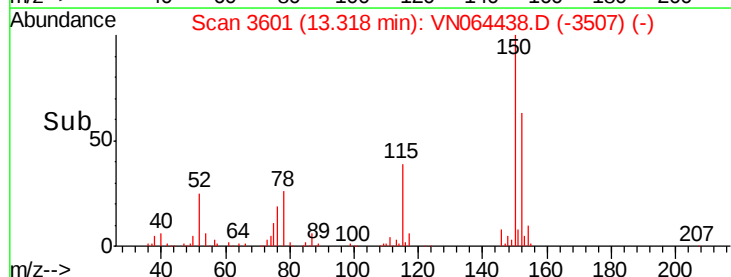
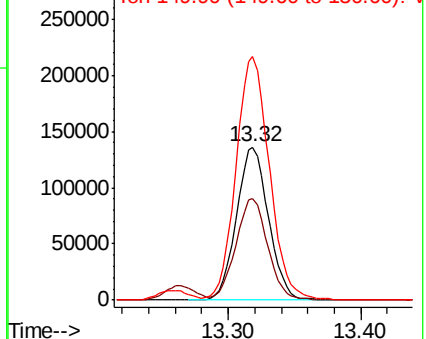
152 100

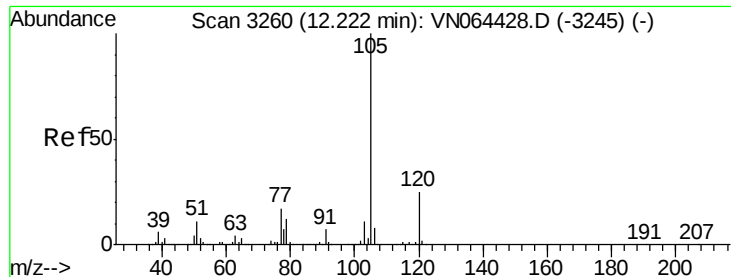
115 65.6 32.0 96.0

150 165.5 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: 18.448 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

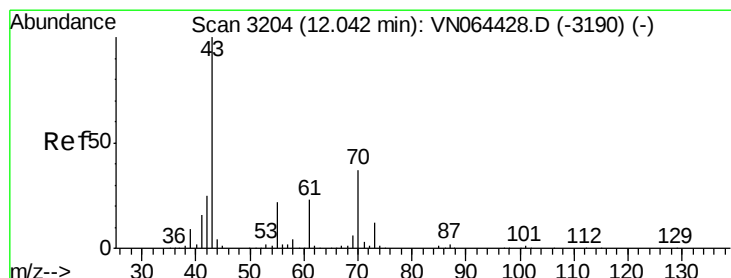
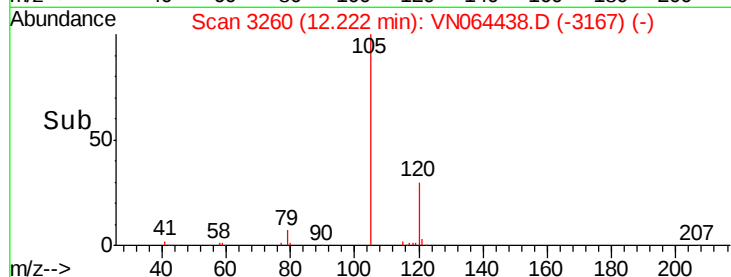
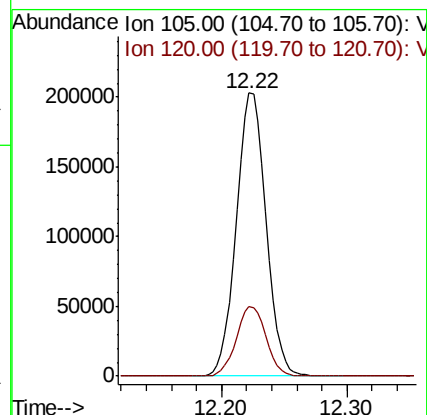
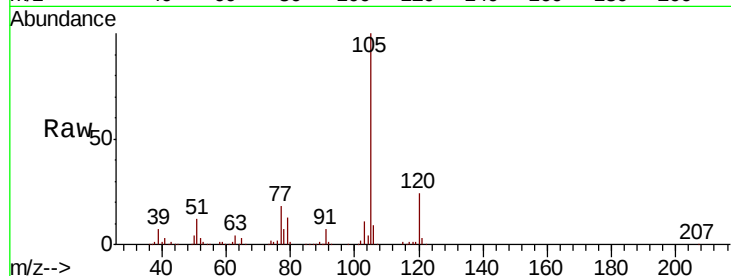
ClientSampleId :

Tot Ion:105 Resp: 334357

Ion Ratio Lower Upper

105 100

120 24.5 12.8 38.3



#74

N-ethyl acetate

Concen: 17.702 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Tgt Ion: 43 Resp: 148544

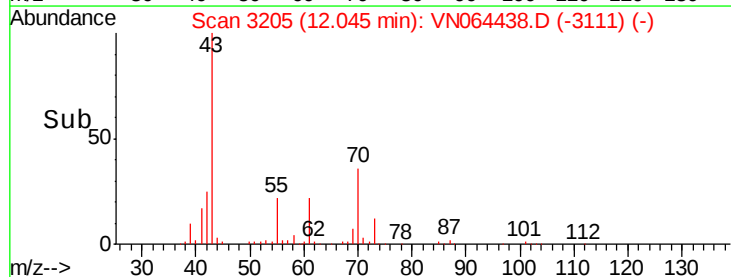
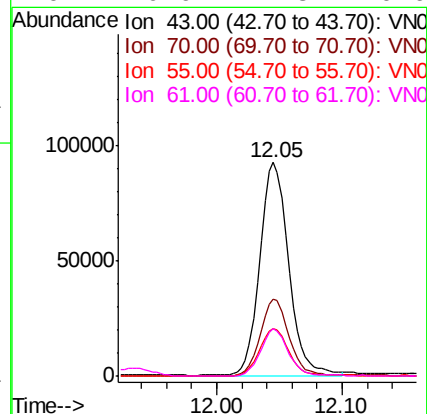
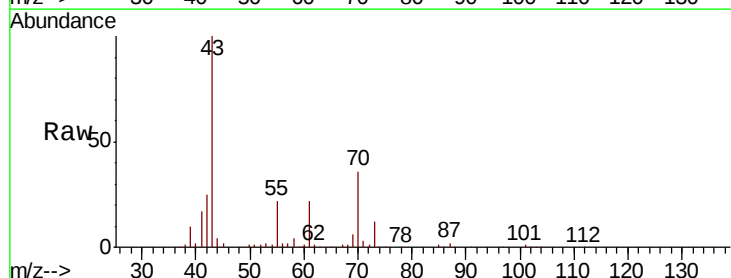
Ion Ratio Lower Upper

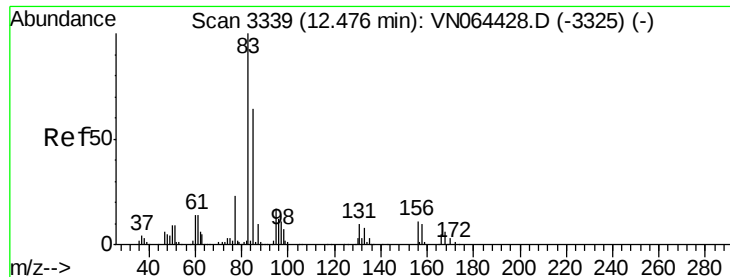
43 100

70 35.9 29.6 44.4

55 22.3 18.4 27.6

61 20.9 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.385 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

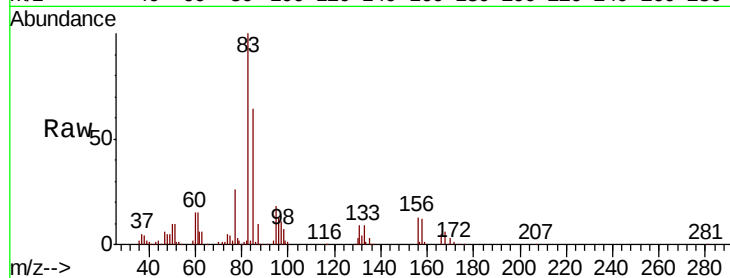
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 83 Resp: 107917

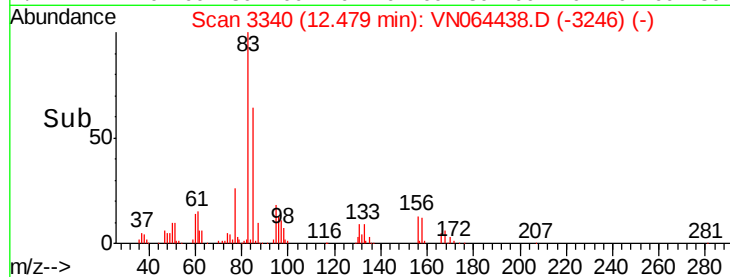
Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.7
85	63.8	32.1	96.5



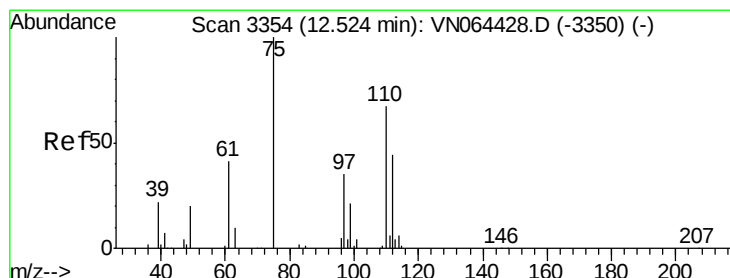
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 26.847 ug/l

RT: 12.53 min Scan# 3355

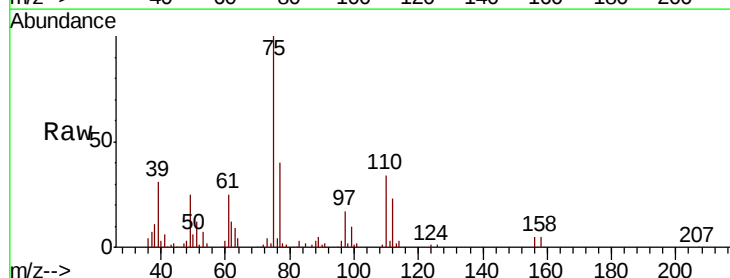
Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

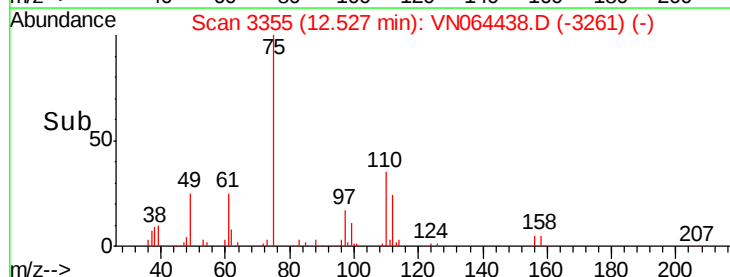
Tgt Ion: 75 Resp: 148327

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

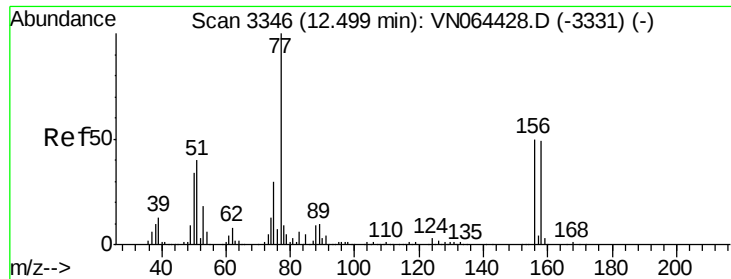


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time--> 12.40 12.50 12.60



#77

Bromobenzene

Concen: 18.111 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampled :

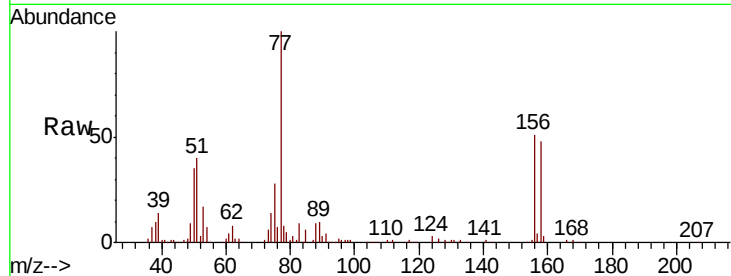
Tot Ion:156 Resp: 80141

Ion Ratio Lower Upper

156 100

77 240.3 119.0 357.0

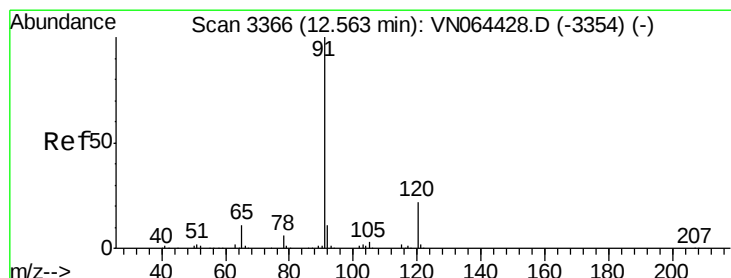
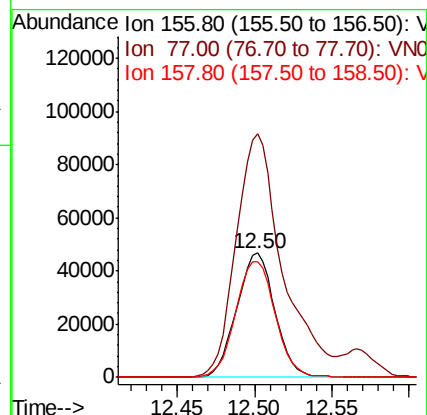
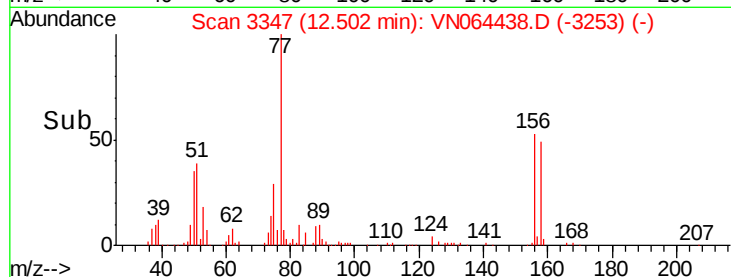
158 96.3 48.4 145.3



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: 18.227 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064438.D

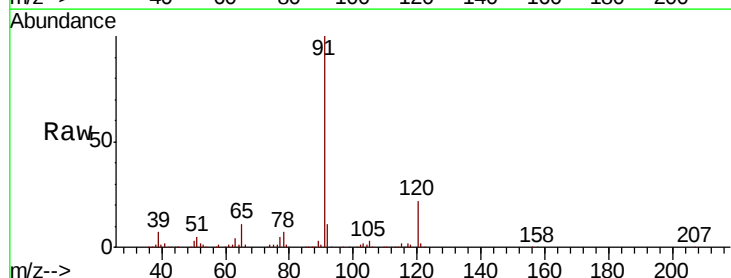
Acq: 4 Nov 2020 16:00

Tgt Ion: 91 Resp: 376631

Ion Ratio Lower Upper

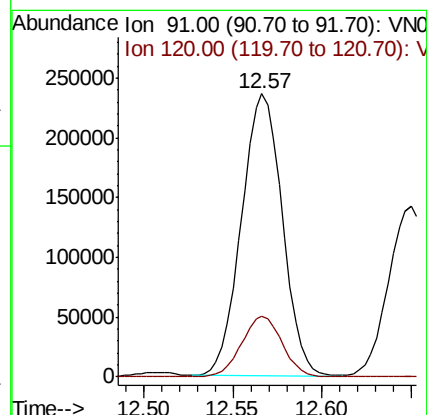
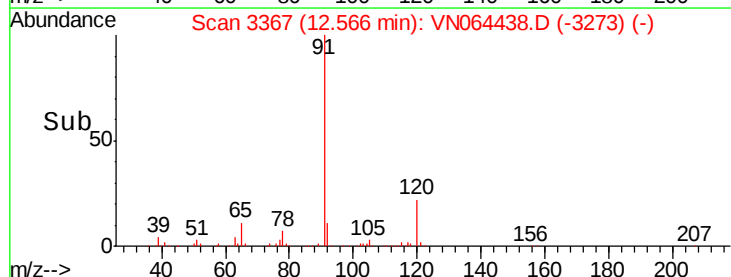
91 100

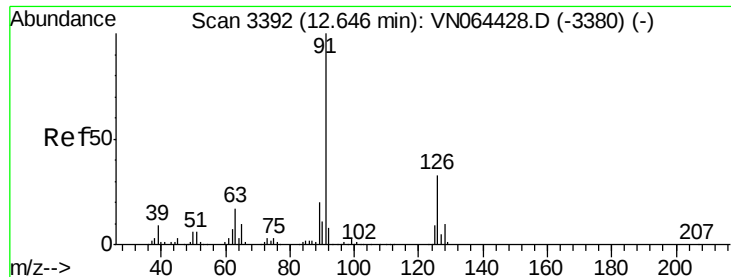
120 21.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.898 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

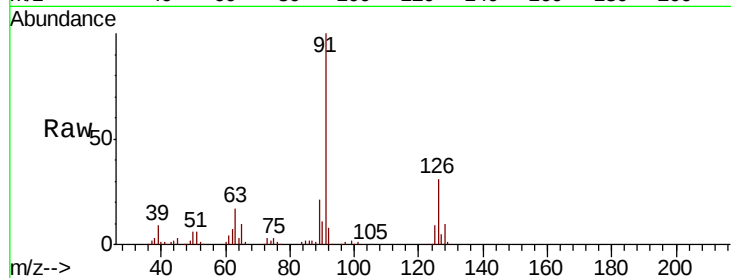
ClientSampleId :

Tot Ion: 91 Resp: 234571

Ion Ratio Lower Upper

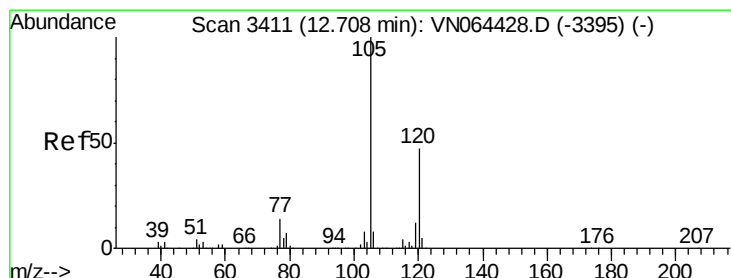
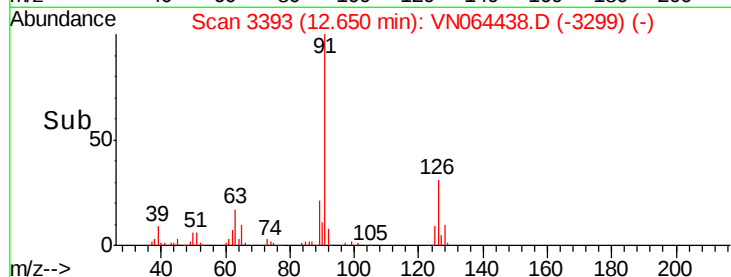
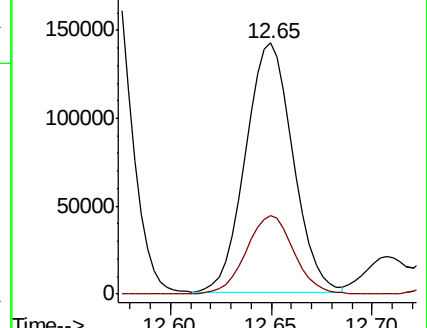
91 100

126 31.7 16.4 49.1



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

Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.477 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064438.D

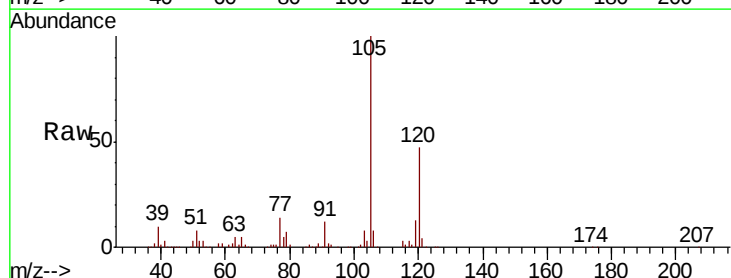
Acq: 4 Nov 2020 16:00

Tgt Ion: 105 Resp: 276268

Ion Ratio Lower Upper

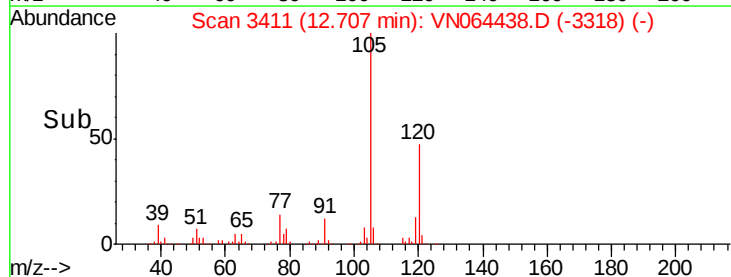
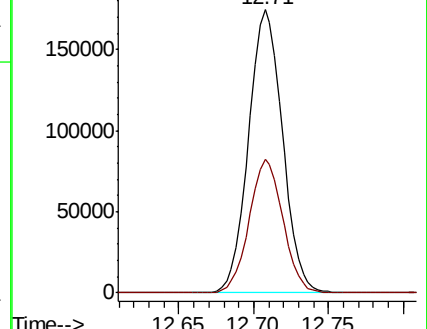
105 100

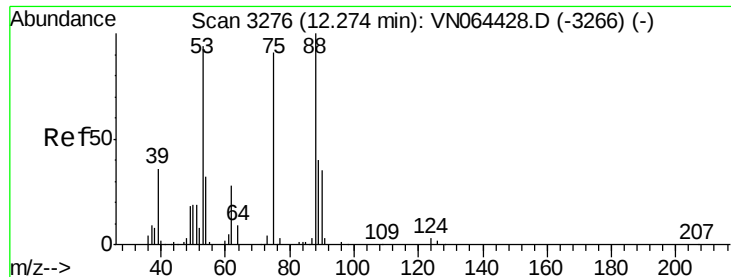
120 46.9 23.4 70.2



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

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.982 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

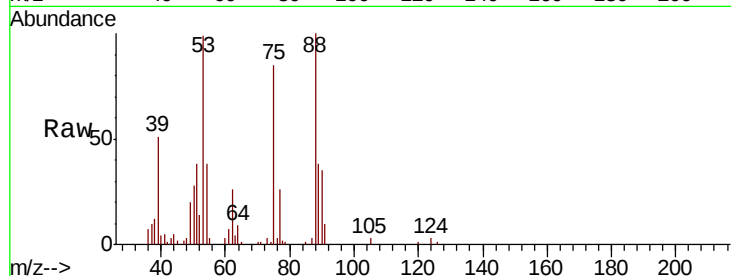
Tot Ion: 75 Resp: 33604

Ion Ratio Lower Upper

75 100

53 117.2 84.0 126.0

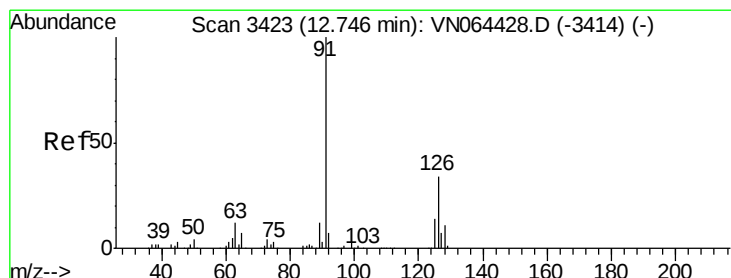
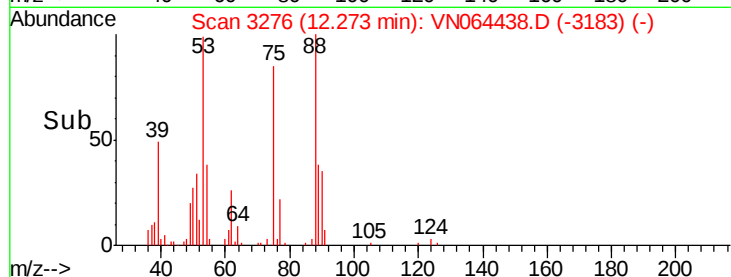
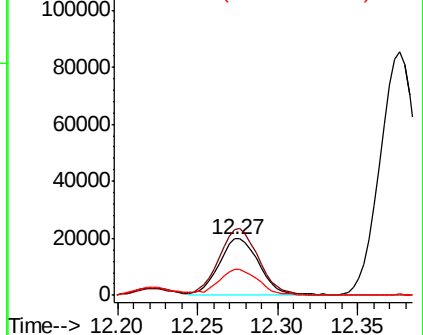
89 46.7 36.3 54.5



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: 17.776 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN064438.D

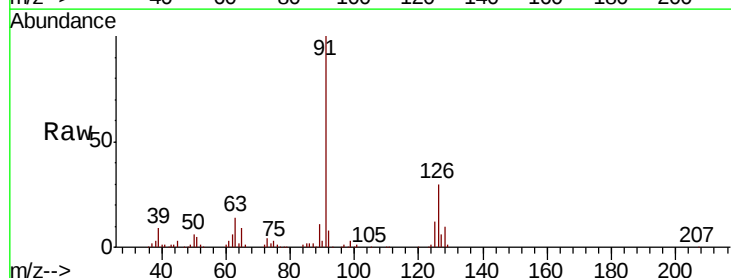
Acq: 4 Nov 2020 16:00

Tgt Ion: 91 Resp: 243980

Ion Ratio Lower Upper

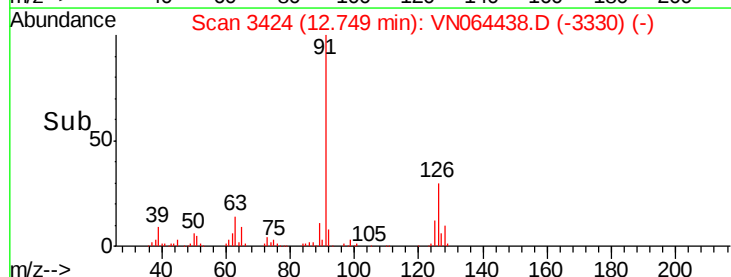
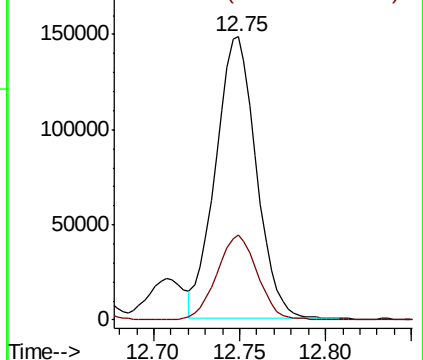
91 100

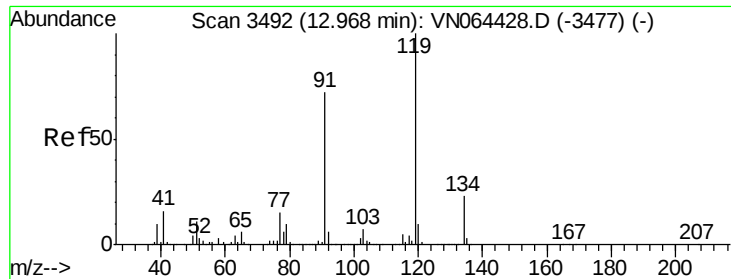
126 30.3 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.056 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

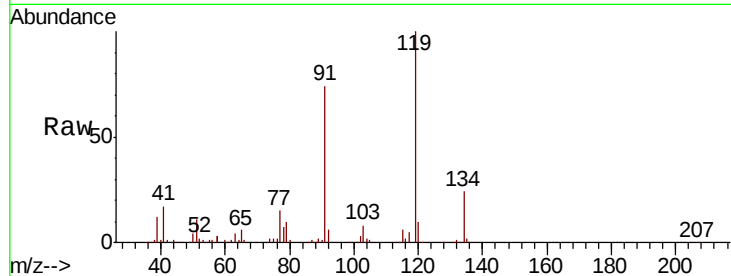
Tot Ion:119 Resp: 210856

Ion Ratio Lower Upper

119 100

91 71.9 36.1 108.3

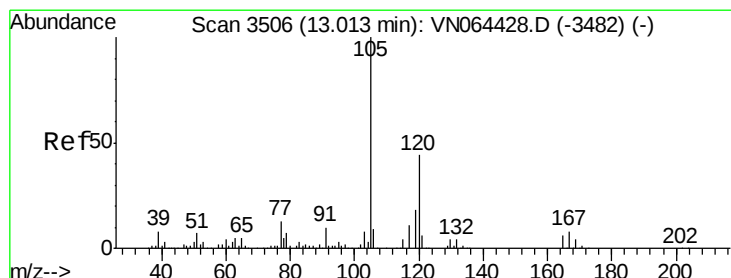
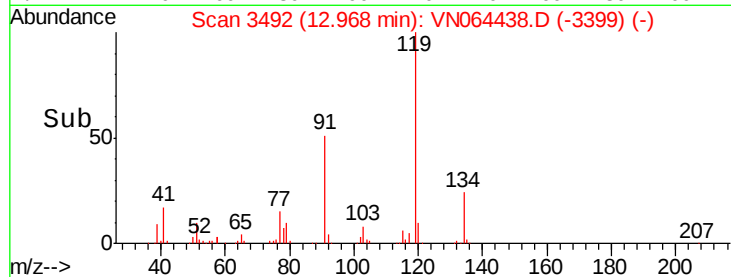
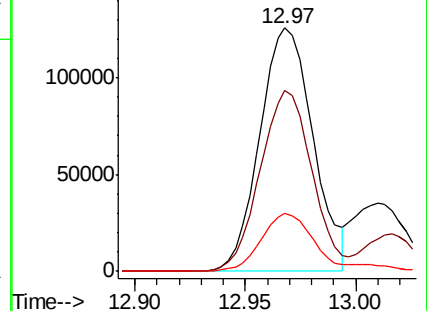
134 22.9 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.244 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN064438.D

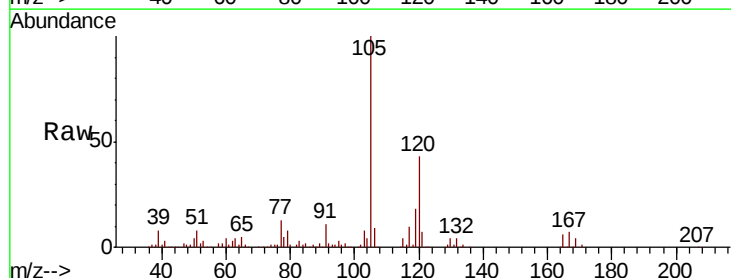
Acq: 4 Nov 2020 16:00

Tgt Ion:105 Resp: 274223

Ion Ratio Lower Upper

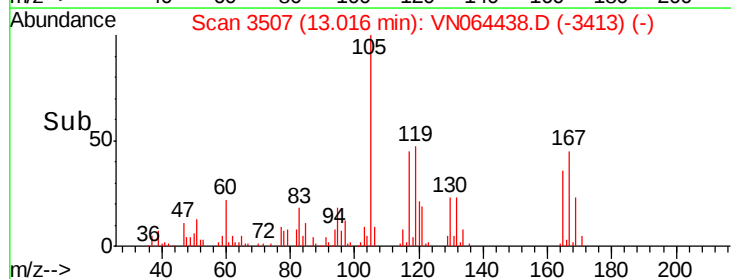
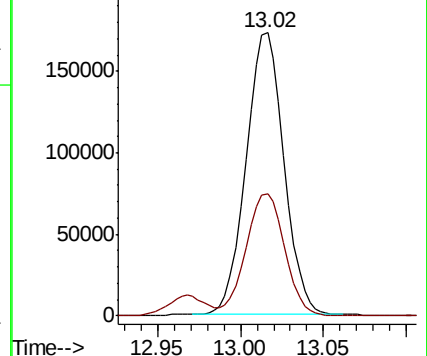
105 100

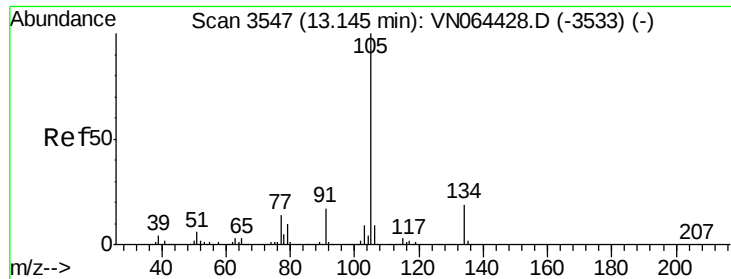
120 44.0 21.9 65.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.422 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

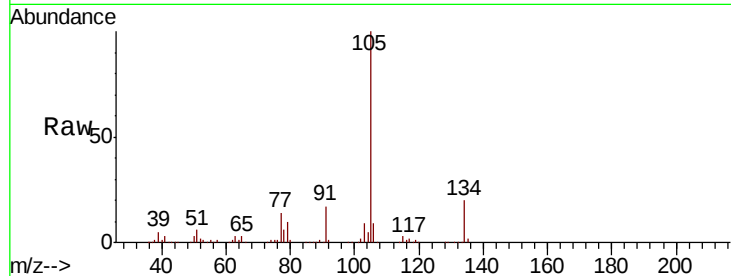
ClientSampleId :

Tot Ion:105 Resp: 272454

Ion Ratio Lower Upper

105 100

134 18.9 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

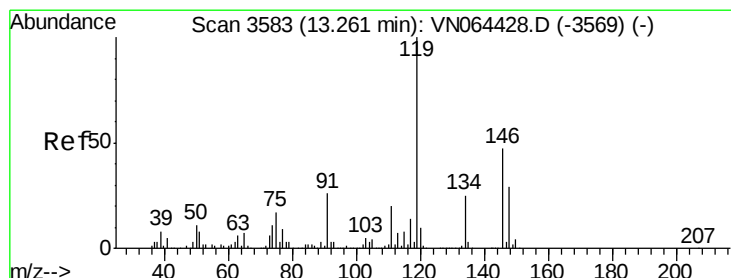
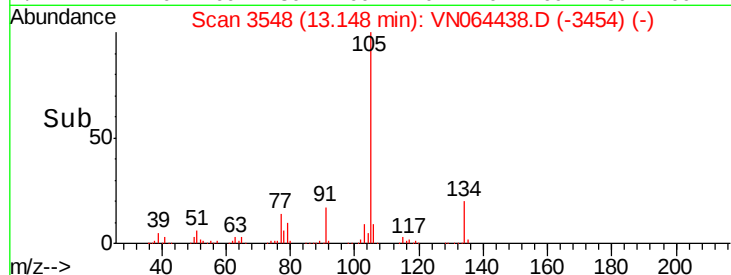
100000

50000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 18.178 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

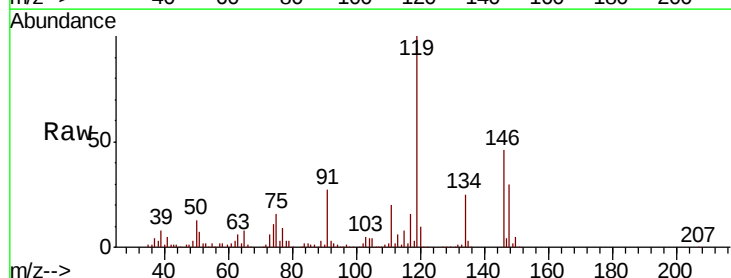
Tgt Ion:119 Resp: 241829

Ion Ratio Lower Upper

119 100

134 24.5 12.6 37.6

91 26.0 12.8 38.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

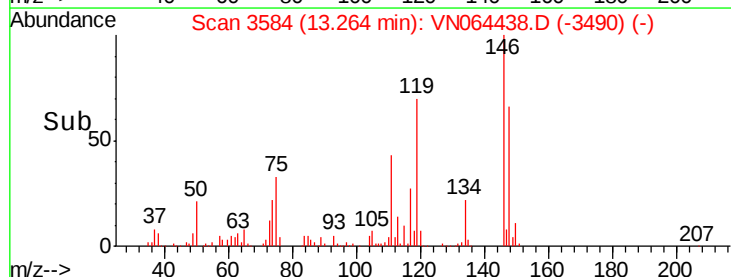
100000

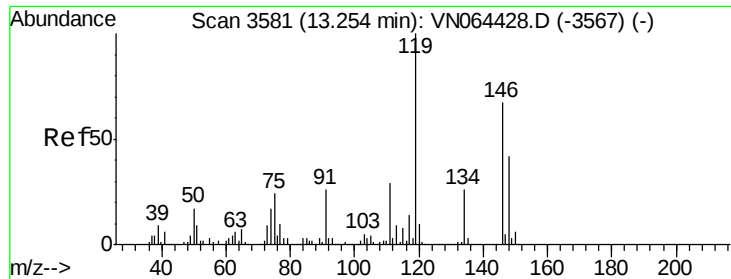
50000

0

13.20 13.30

Time-->





#87

1,3-Dichlorobenzene

Concen: 17.920 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

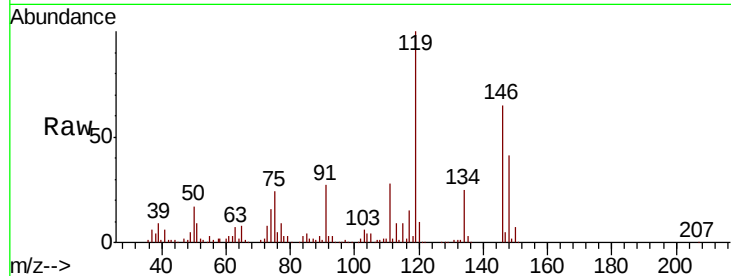
Tot Ion:146 Resp: 137071

Ion Ratio Lower Upper

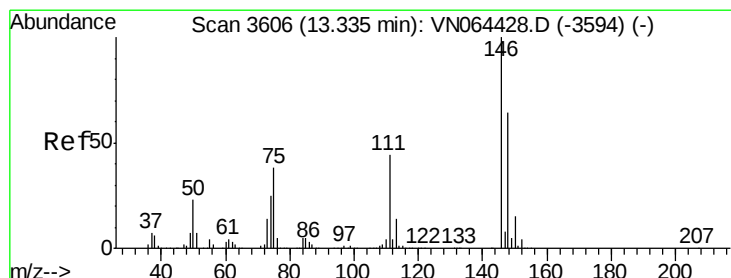
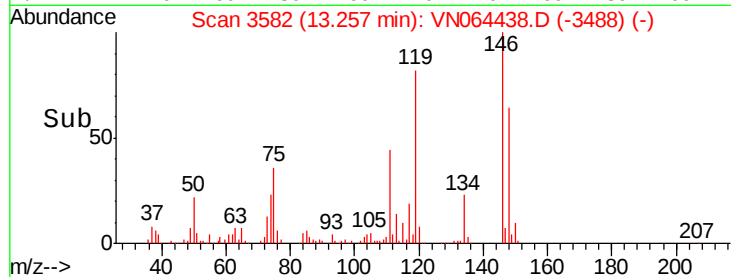
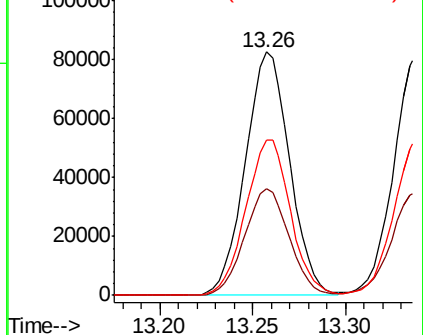
146 100

111 43.9 22.1 66.1

148 64.4 31.7 95.1



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



#88

1,4-Dichlorobenzene

Concen: 17.269 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

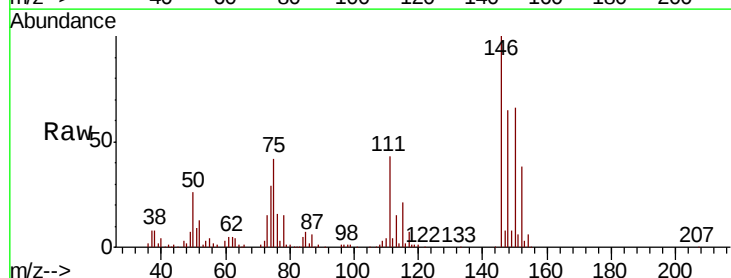
Tgt Ion:146 Resp: 136513

Ion Ratio Lower Upper

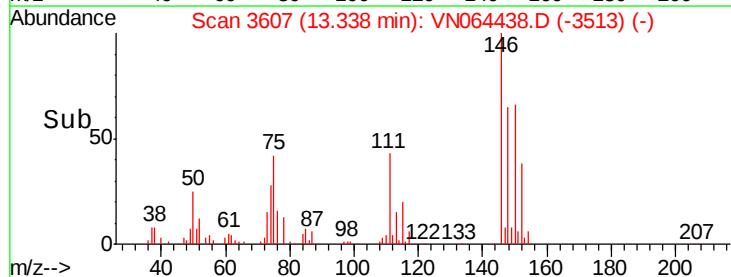
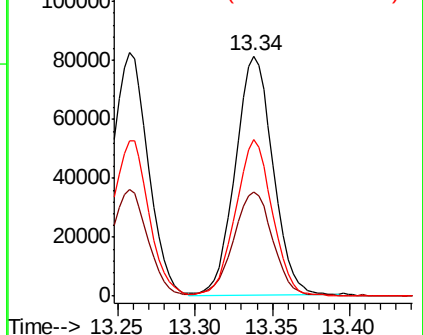
146 100

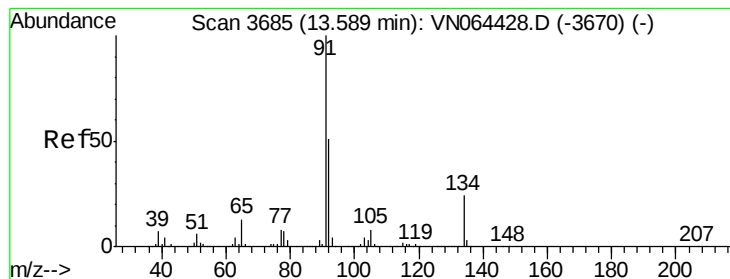
111 45.5 21.8 65.3

148 63.7 32.4 97.2



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





#89

n-Butylbenzene

Concen: 17.649 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

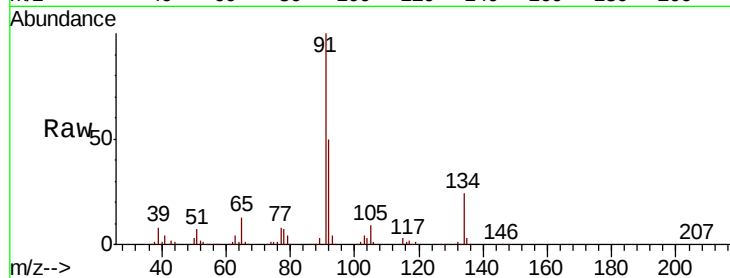
Tot Ion: 91 Resp: 201873

Ion Ratio Lower Upper

91 100

92 50.8 25.3 75.9

134 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN064438.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064438.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064438.D (-3670) (-)

13.59

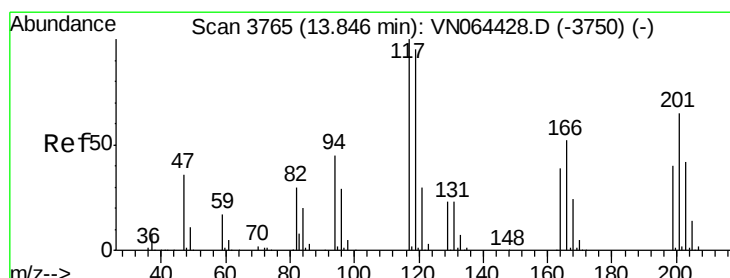
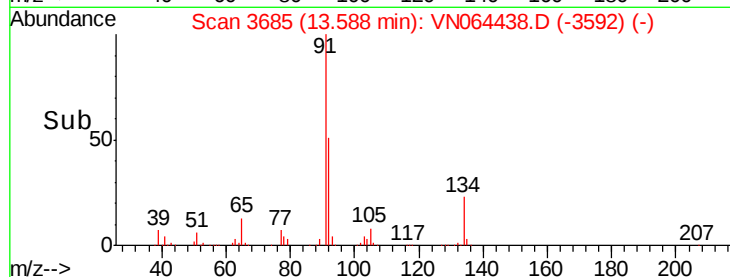
150000

100000

50000

0

Time--> 13.50 13.55 13.60 13.65



#90

Hexachloroethane

Concen: 17.837 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064438.D

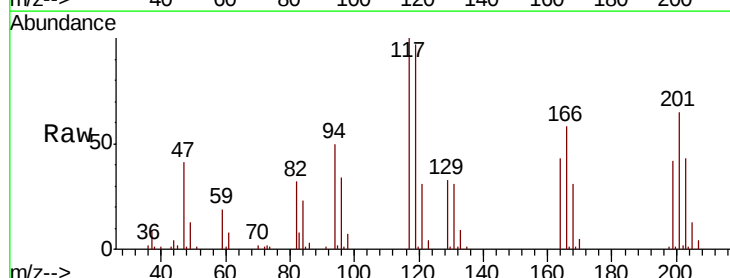
Acq: 4 Nov 2020 16:00

Tgt Ion: 117 Resp: 45774

Ion Ratio Lower Upper

117 100

201 61.9 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VN064438.D (-3672) (-)

Ion 200.70 (200.40 to 201.40): VN064438.D (-3672) (-)

13.85

30000

25000

20000

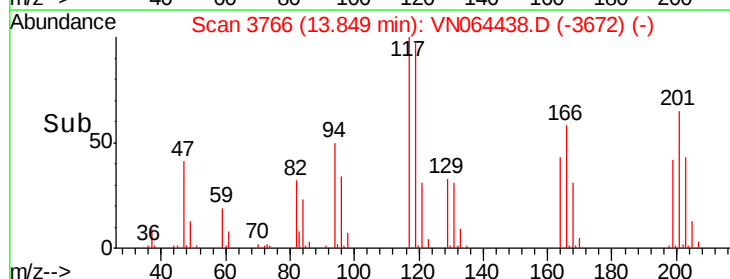
15000

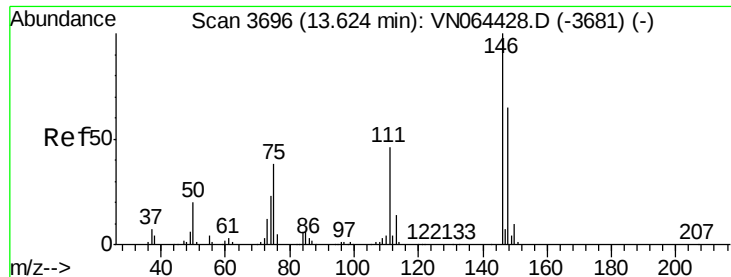
10000

5000

0

Time--> 13.80 13.85 13.90





#91

1,2-Dichlorobenzene

Concen: 18.608 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampled :

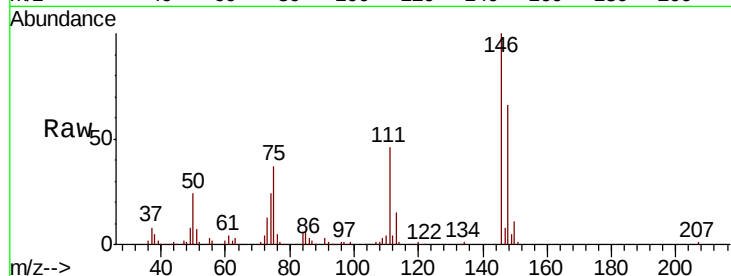
Tot Ion:146 Resp: 136917

Ion Ratio Lower Upper

146 100

111 46.0 22.9 68.7

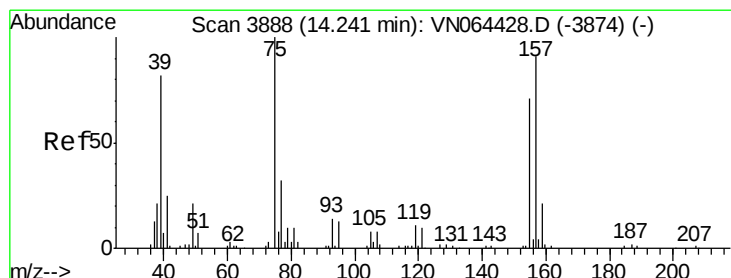
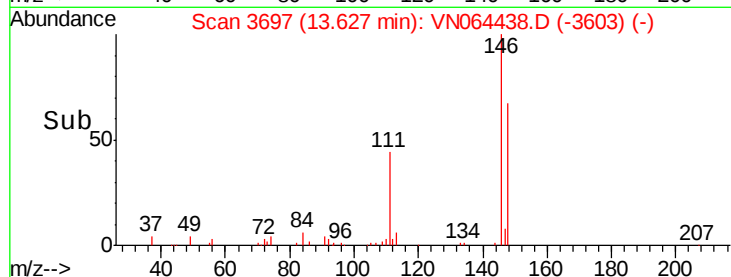
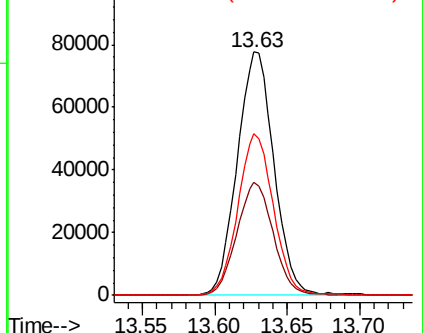
148 64.6 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.984 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

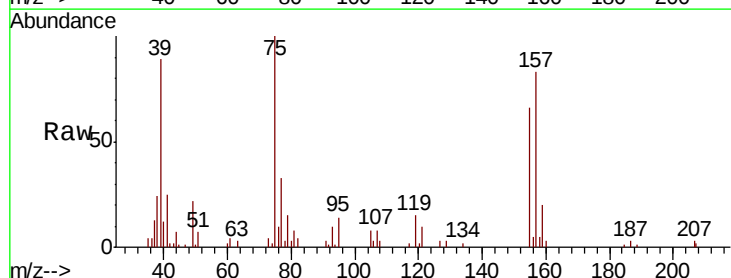
Tgt Ion: 75 Resp: 21041

Ion Ratio Lower Upper

75 100

155 70.1 34.6 103.9

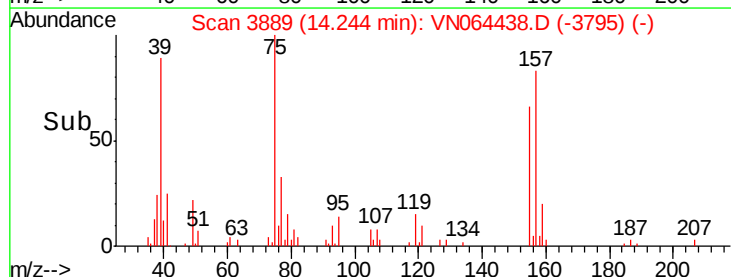
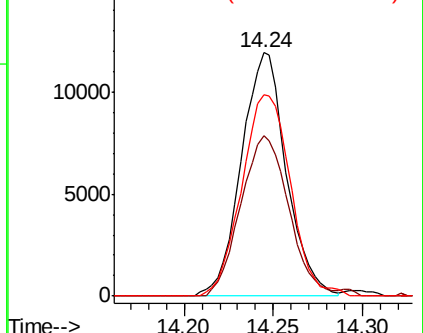
157 89.5 43.0 128.8

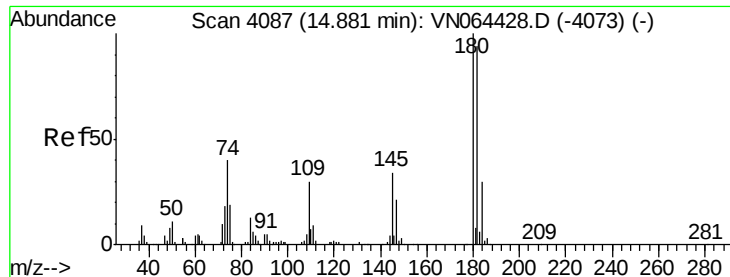


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

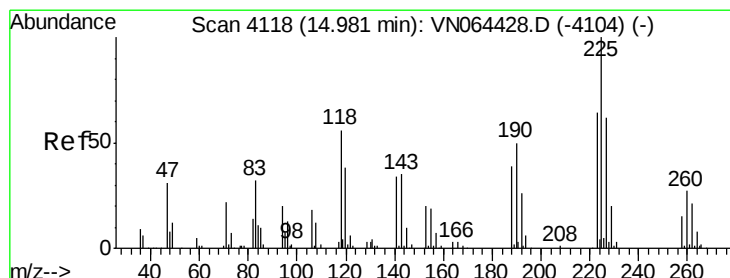
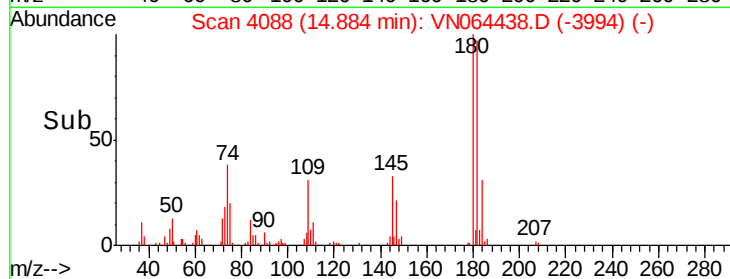
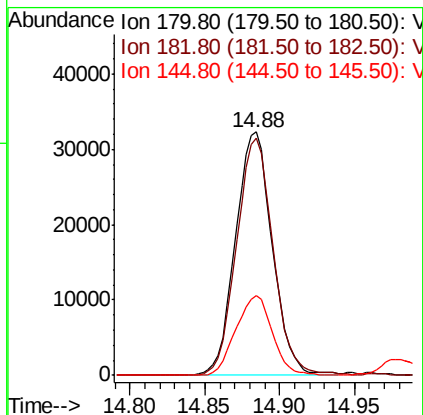
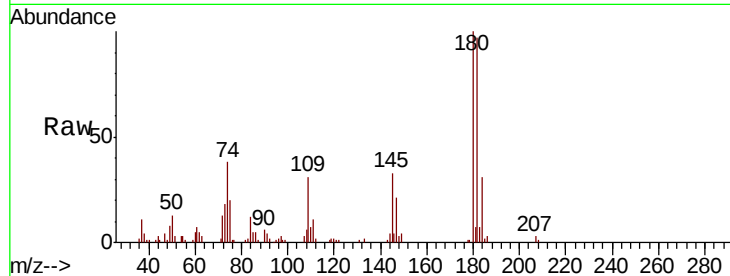




#93
 1,2,4-Trichlorobenzene
 Concen: 16.997 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

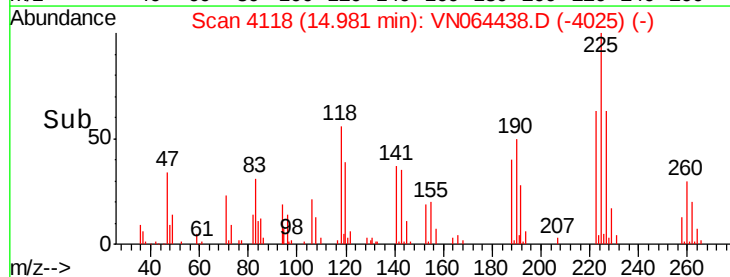
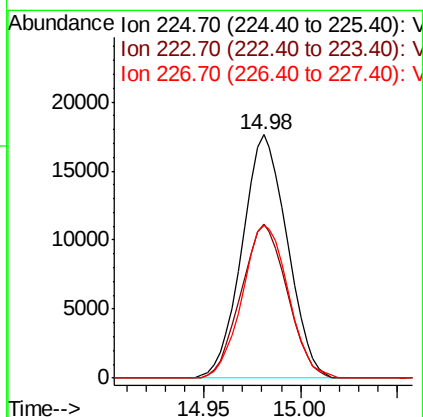
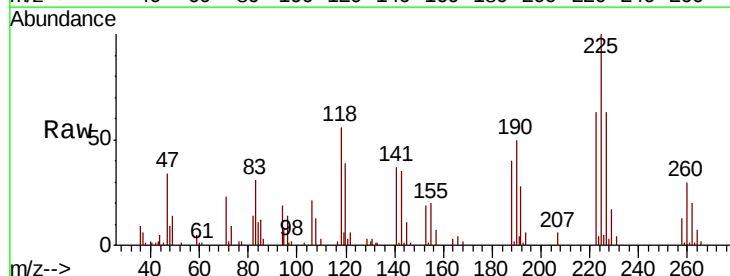
Instrument :
 MSVOA_N
 ClientSampled :

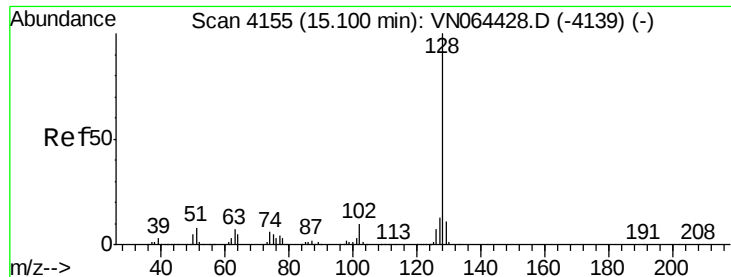
Tot Ion:180 Resp: 55396
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.3 142.0
 145 32.2 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 19.120 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion:225 Resp: 28643
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.8 95.4
 227 64.0 31.8 95.4





#95

Naphthalene

Concen: 17.218 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampled :

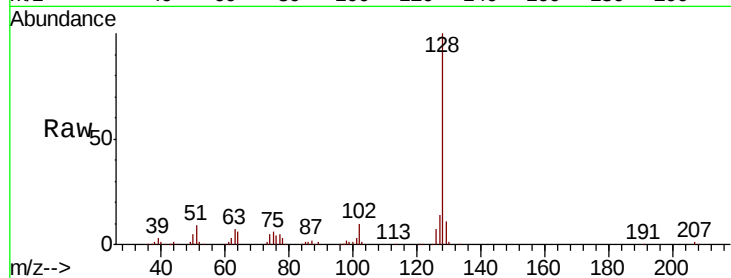
Tot Ion:128 Resp: 183315

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

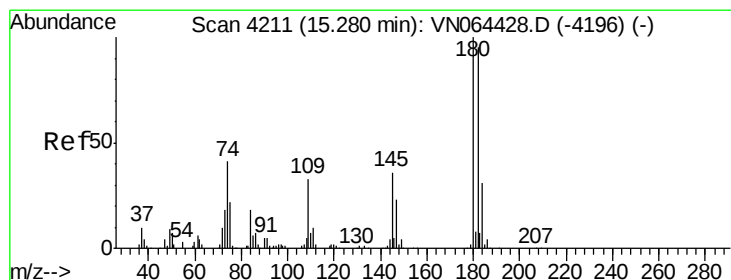
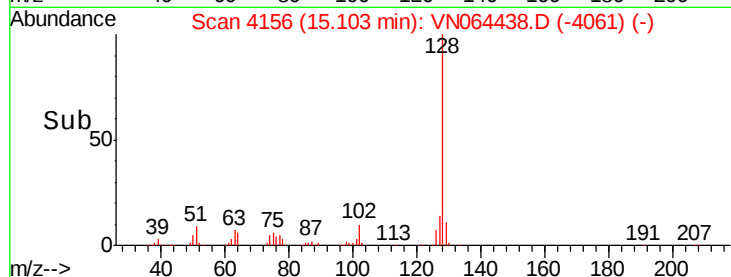
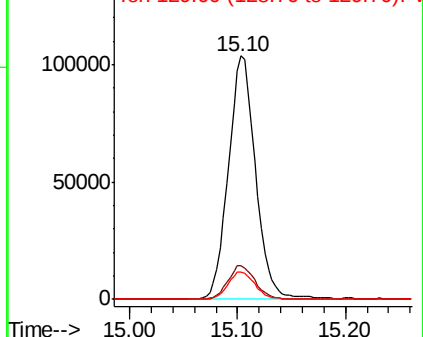
129 11.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.958 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

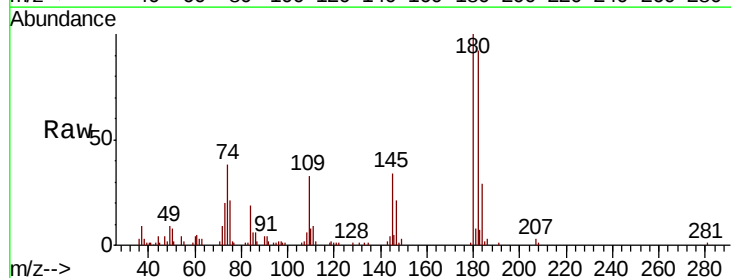
Tgt Ion:180 Resp: 56907

Ion Ratio Lower Upper

180 100

182 91.7 47.7 143.1

145 35.4 18.3 54.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

