

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064601.D
 Acq On : 13 Nov 2020 00:31
 Operator : JC/MD
 Sample : VN1112WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD02

Quant Time: Nov 13 03:00:35 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	274774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	519360	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	475946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	211780	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	253382	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
35) Dibromofluoromethane	7.55	113	173121	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
50) Toluene-d8	10.06	98	638250	46.70	ug/l	0.00
Spiked Amount			Recovery	=	93.40%	
62) 4-Bromofluorobenzene	12.38	95	230455	44.59	ug/l	0.00
Spiked Amount			Recovery	=	89.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	65982	18.447	ug/l	93
3) Chloromethane	2.04	50	79924	18.396	ug/l	100
4) Vinyl Chloride	2.17	62	88818	19.908	ug/l	98
5) Bromomethane	2.54	94	60256	21.141	ug/l	99
6) Chloroethane	2.68	64	55900	19.570	ug/l	96
7) Trichlorofluoromethane	2.99	101	138480	21.079	ug/l	99
8) Diethyl Ether	3.37	74	49394	21.291	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	60844	19.503	ug/l	98
10) Methyl Iodide	3.91	142	70711	19.507	ug/l	100
11) Tert butyl alcohol	4.75	59	54673	103.584	ug/l	97
12) 1,1-Dichloroethene	3.69	96	56279	19.151	ug/l	99
13) Acrolein	3.57	56	22393	68.398	ug/l	89
14) Allyl chloride	4.28	41	102260	17.789	ug/l	100
15) Acrylonitrile	4.94	53	159238	108.363	ug/l	98
16) Acetone	3.78	43	156577	85.884	ug/l	97
17) Carbon Disulfide	4.01	76	156545	17.814	ug/l	99
18) Methyl Acetate	4.28	43	96653	26.966	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	200476	18.955	ug/l	98
20) Methylene Chloride	4.50	84	69189	19.128	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	64920	19.457	ug/l	99
22) Diisopropyl ether	5.91	45	230311	18.874	ug/l	98
23) Vinyl Acetate	5.85	43	883910	89.042	ug/l	98
24) 1,1-Dichloroethane	5.79	63	133107	19.850	ug/l	98
25) 2-Butanone	6.80	43	228680	98.445	ug/l	98
26) 2,2-Dichloropropane	6.78	77	92279	15.202	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	73346	18.971	ug/l	95
28) Bromochloromethane	7.15	49	63057	19.132	ug/l	97
29) Tetrahydrofuran	7.17	42	149861	105.153	ug/l	99
30) Chloroform	7.33	83	143808	20.403	ug/l	95
31) Cyclohexane	7.62	56	96997	16.672	ug/l	# 91
32) 1,1,1-Trichloroethane	7.53	97	125748	20.115	ug/l	99
36) 1,1-Dichloropropene	7.75	75	95103	17.333	ug/l	99
37) Ethyl Acetate	6.88	43	93872	17.363	ug/l	99
38) Carbon Tetrachloride	7.73	117	110815	18.898	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	77163	15.689	ug/l	92
40) Benzene	8.00	78	281820	17.480	ug/l	96
41) Methacrylonitrile	7.13	41	40846	16.792	ug/l	94
42) 1,2-Dichloroethane	8.09	62	120224	18.478	ug/l	99
43) Isopropyl Acetate	8.13	43	162287	18.252	ug/l	98
44) Trichloroethene	8.80	130	72010	17.703	ug/l	99
45) 1,2-Dichloropropane	9.09	63	78021	18.136	ug/l	99
46) Dibromomethane	9.17	93	54905	19.388	ug/l	98
47) Bromodichloromethane	9.37	83	114595	18.820	ug/l	99
48) Methyl methacrylate	9.17	41	81265	18.112	ug/l	99
49) 1,4-Dioxane	9.17	88	24847	420.447	ug/l	96
51) 4-Methyl-2-Pentanone	9.96	43	522326	100.731	ug/l	100
52) Toluene	10.13	92	178024	18.104	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	113108	17.521	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	117922	17.085	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	72420	18.884	ug/l	98
56) Ethyl methacrylate	10.40	69	95059	16.352	ug/l	97
57) 1,3-Dichloropropane	10.68	76	124432	18.589	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	263969	102.447	ug/l	97
59) 2-Hexanone	10.72	43	378618	92.128	ug/l	97
60) Dibromochloromethane	10.87	129	83910	19.543	ug/l	98
61) 1,2-Dibromoethane	10.98	107	73971	19.016	ug/l	99
64) Tetrachloroethene	10.60	164	65752	17.935	ug/l	98
65) Chlorobenzene	11.41	112	188194	18.037	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	73936	18.995	ug/l	99
67) Ethyl Benzene	11.48	91	325653	17.547	ug/l	99
68) m/p-Xylenes	11.59	106	234364	34.821	ug/l	97
69) o-Xylene	11.92	106	111867	17.200	ug/l	99
70) Styrene	11.94	104	192161	17.558	ug/l	98
71) Bromoform	12.10	173	52798	18.879	ug/l #	96
73) Isopropylbenzene	12.22	105	293338	17.426	ug/l	100
74) N-amyl acetate	12.05	43	129103	16.644	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	102999	19.921	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	139621	27.210	ug/l #	100
77) Bromobenzene	12.50	156	73562	17.900	ug/l	98
78) n-propylbenzene	12.57	91	337928	17.609	ug/l	99
79) 2-Chlorotoluene	12.65	91	218863	17.981	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	250887	18.067	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	31699	17.249	ug/l	93
82) 4-Chlorotoluene	12.75	91	225831	17.717	ug/l	97
83) tert-Butylbenzene	12.97	119	190389	17.554	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	247409	17.723	ug/l	100
85) sec-Butylbenzene	13.15	105	253697	18.470	ug/l	100
86) p-Isopropyltoluene	13.26	119	226943	18.368	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	129117	18.175	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	131708	17.940	ug/l	99
89) n-Butylbenzene	13.59	91	179803	16.926	ug/l	98
90) Hexachloroethane	13.85	117	47680	20.005	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	129701	18.980	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	23690	23.014	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

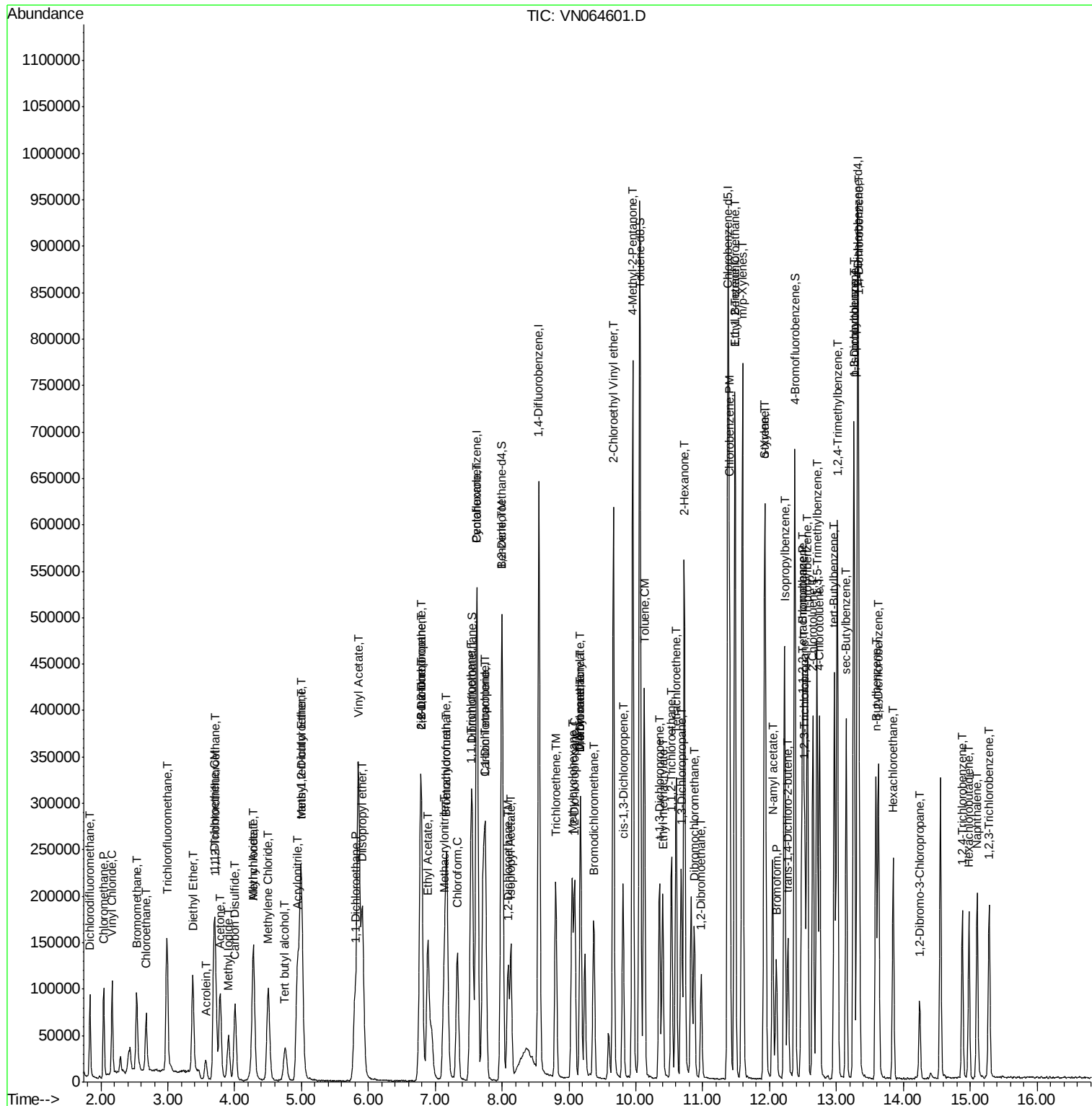
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	52420	17.267	ug/l	100
94) Hexachlorobutadiene	14.98	225	29152	20.953	ug/l	98
95) Naphthalene	15.10	128	167248	16.978	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	54575	18.454	ug/l	99

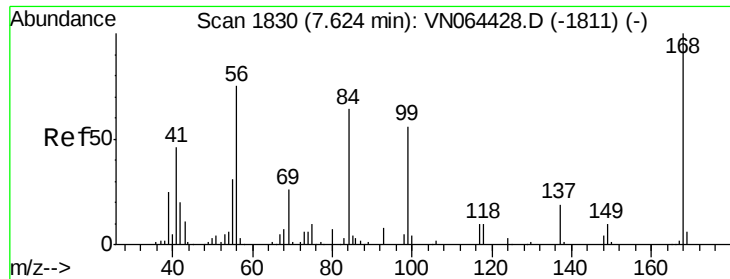
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

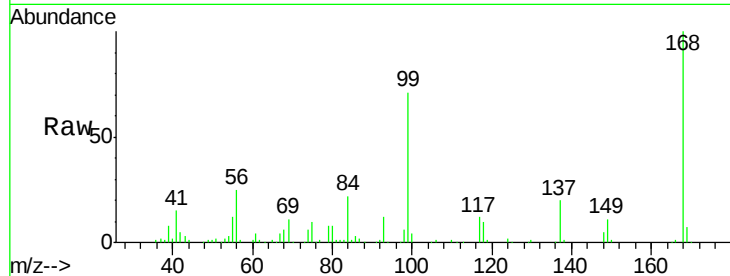
VN1112WBSD02

Tot Ion:168 Resp: 274774

Ion Ratio Lower Upper

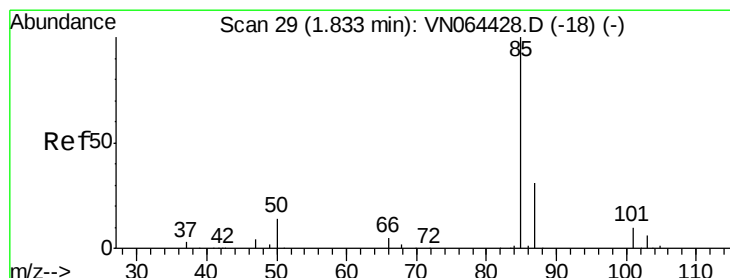
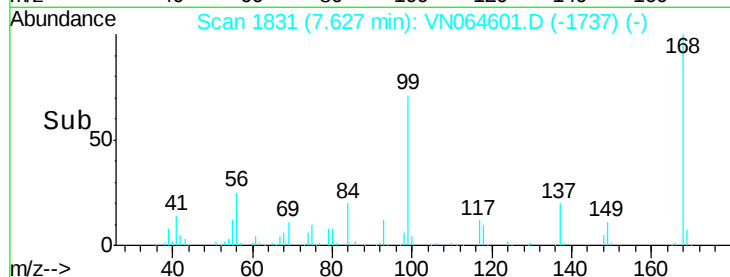
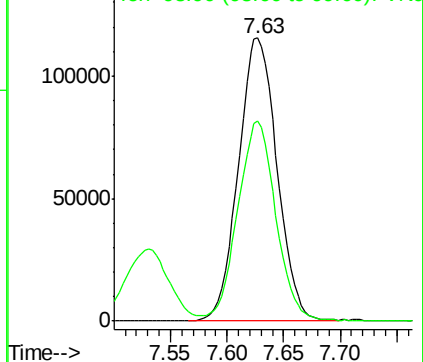
168 100

99 70.5 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.447 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064601.D

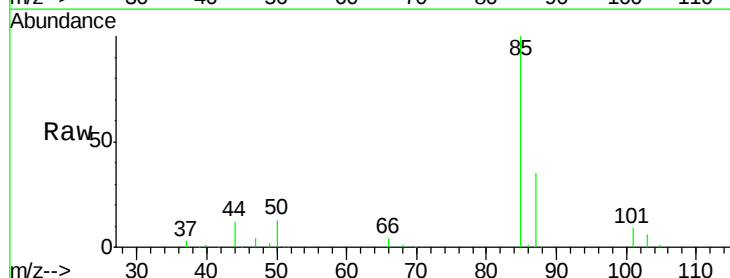
Acq: 13 Nov 2020 00:31

Tgt Ion: 85 Resp: 65982

Ion Ratio Lower Upper

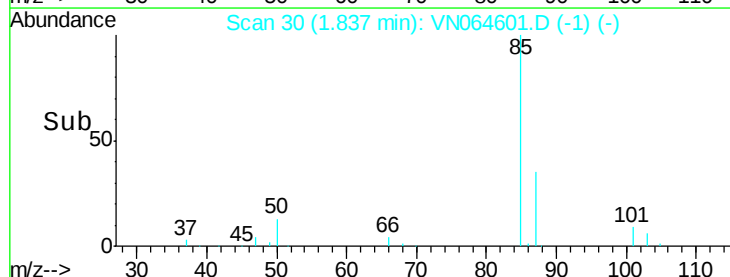
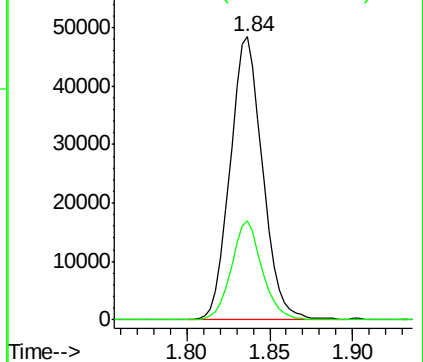
85 100

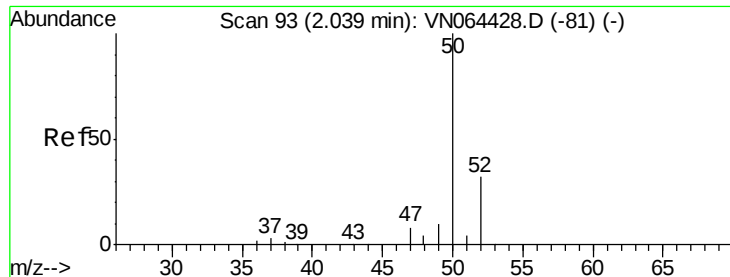
87 35.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.396 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

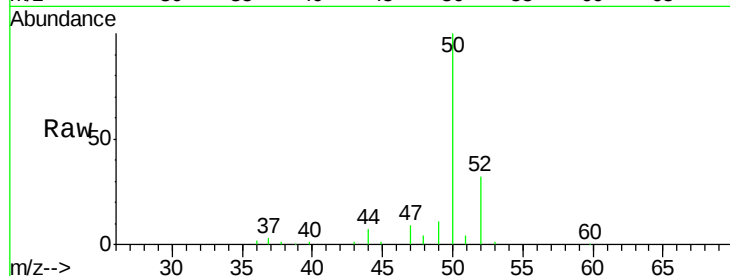
VN1112WBSD02

Tot Ion: 50 Resp: 79924

Ion Ratio Lower Upper

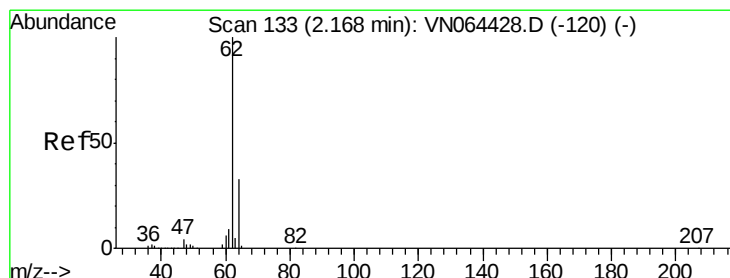
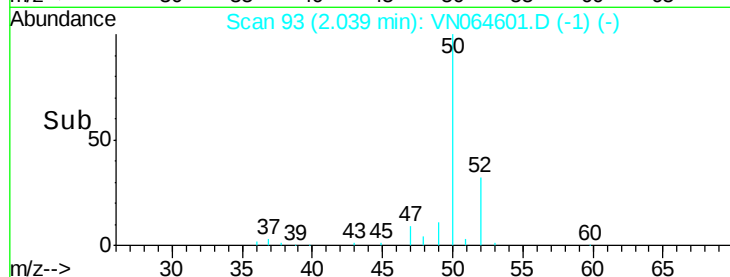
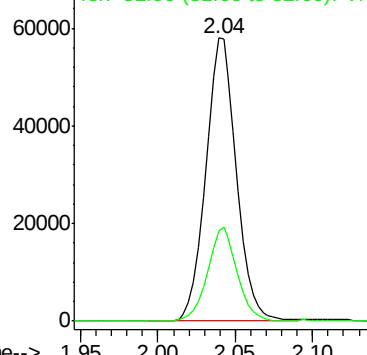
50 100

52 31.8 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VN064428.D (-81) (-)

Ion 51.90 (51.60 to 52.60): VN064428.D (-81) (-)



#4

Vinyl Chloride

Concen: 19.908 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064601.D

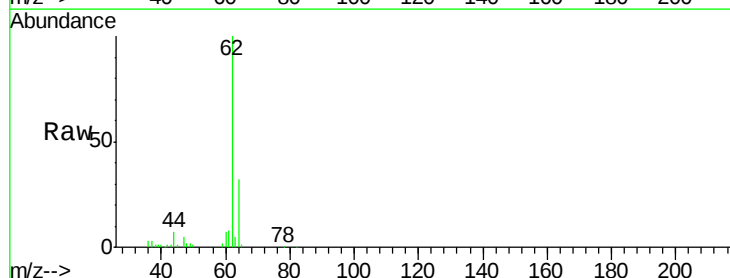
Acq: 13 Nov 2020 00:31

Tgt Ion: 62 Resp: 88818

Ion Ratio Lower Upper

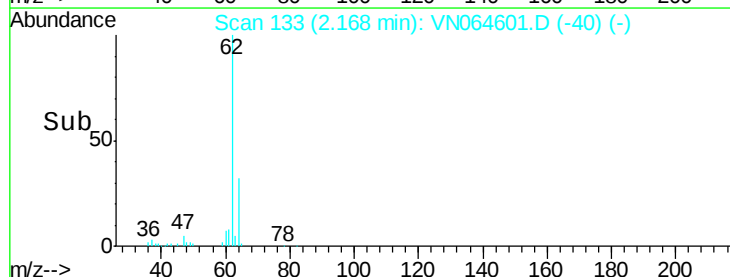
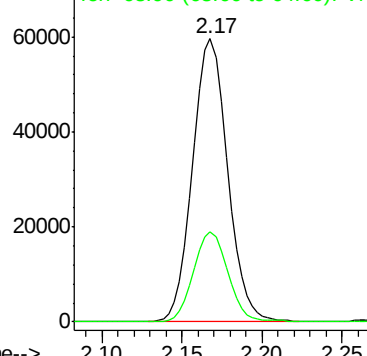
62 100

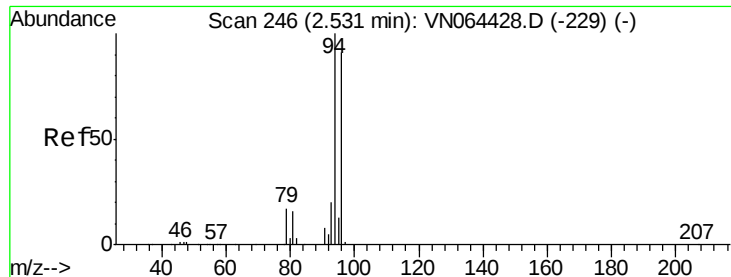
64 31.6 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VN064428.D (-120) (-)

Ion 63.90 (63.60 to 64.60): VN064428.D (-120) (-)





#5

Bromomethane

Concen: 21.141 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

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ClientSampleId :

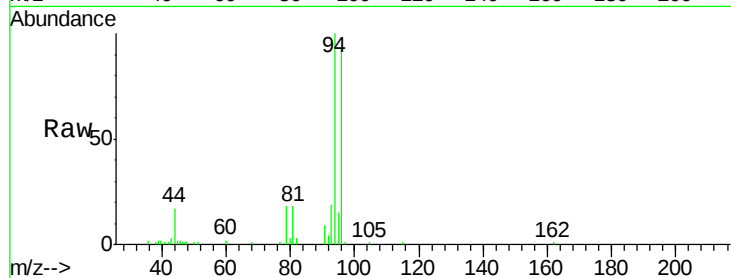
VN1112WBSD02

Tot Ion: 94 Resp: 60256

Ion Ratio Lower Upper

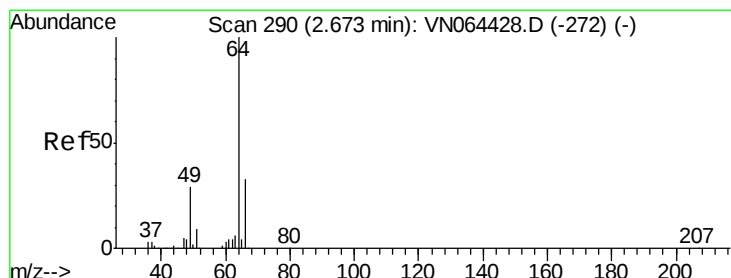
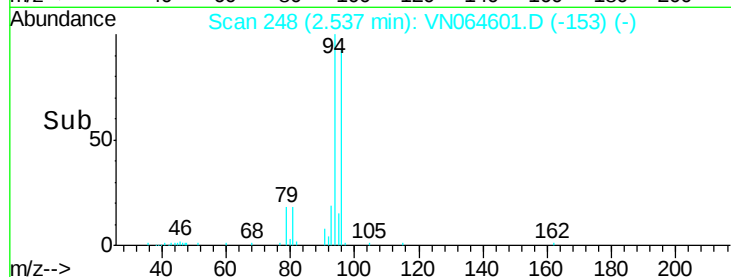
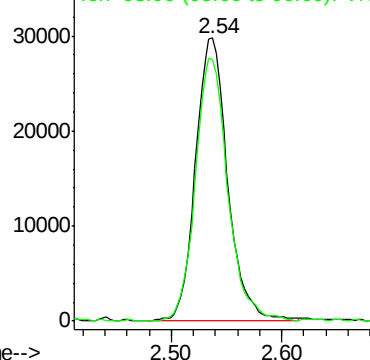
94 100

96 92.6 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.570 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064601.D

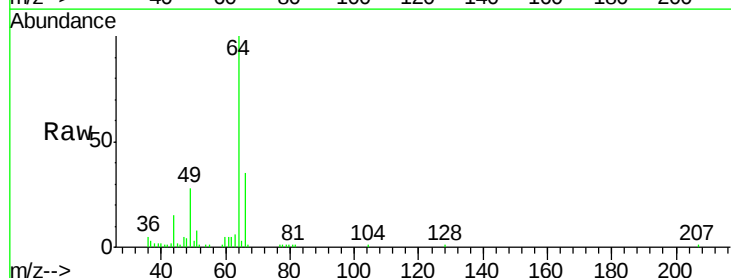
Acq: 13 Nov 2020 00:31

Tgt Ion: 64 Resp: 55900

Ion Ratio Lower Upper

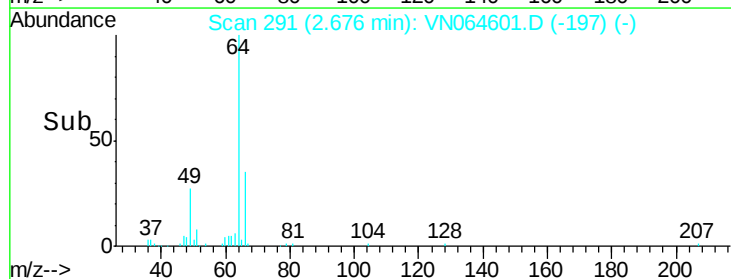
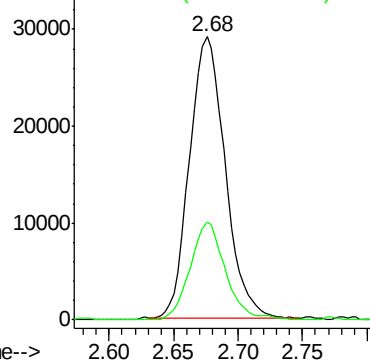
64 100

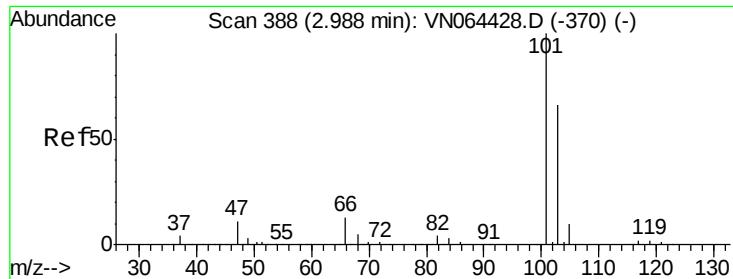
66 35.0 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



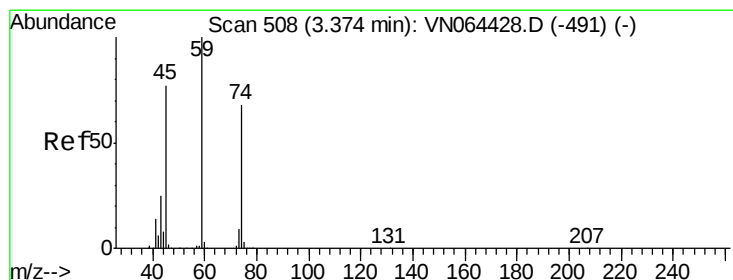
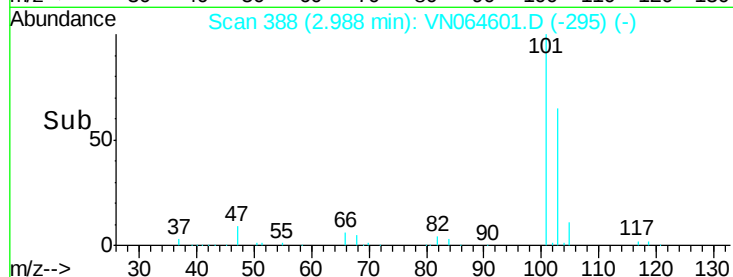
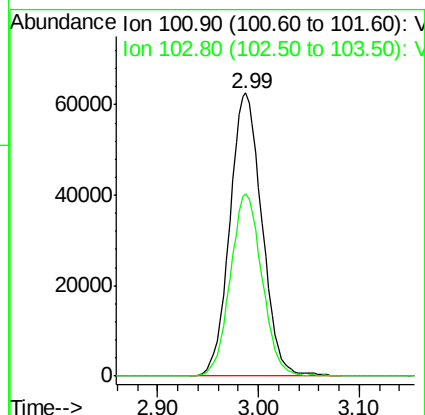
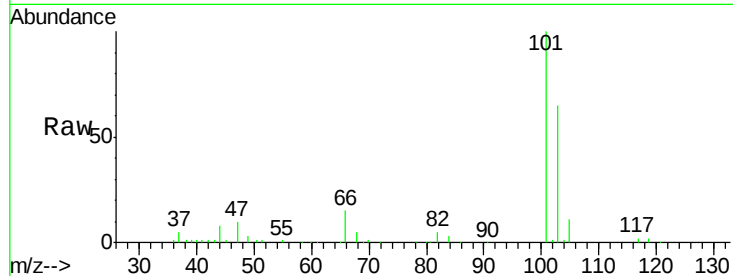


#7

Trichlorofluoromethane
 Concen: 21.079 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

Instrument :
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 VN1112WBSD02

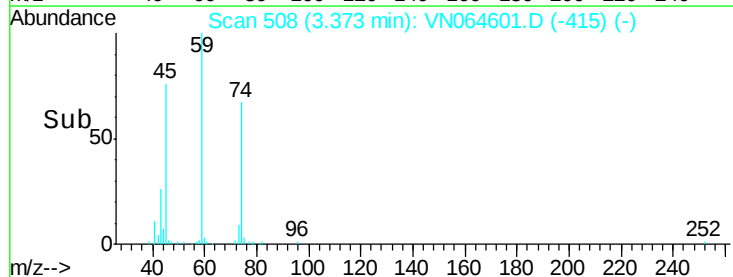
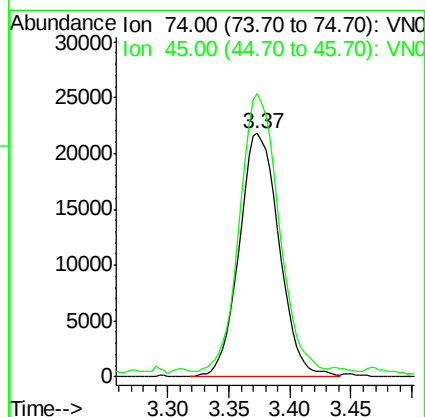
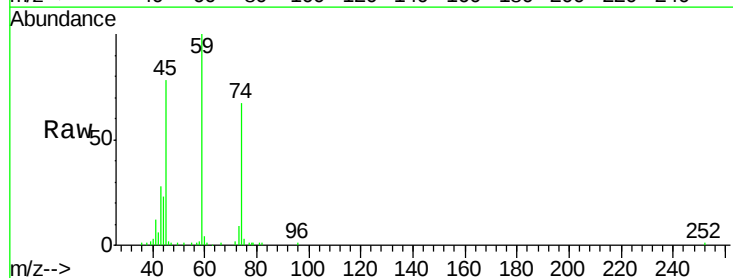
Tot Ion:101 Resp: 138480
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.4 78.6

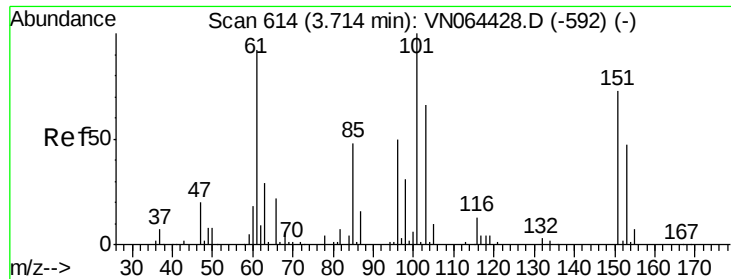


#8

Diethyl Ether
 Concen: 21.291 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

Tgt Ion: 74 Resp: 49394
 Ion Ratio Lower Upper
 74 100
 45 111.1 55.9 167.6

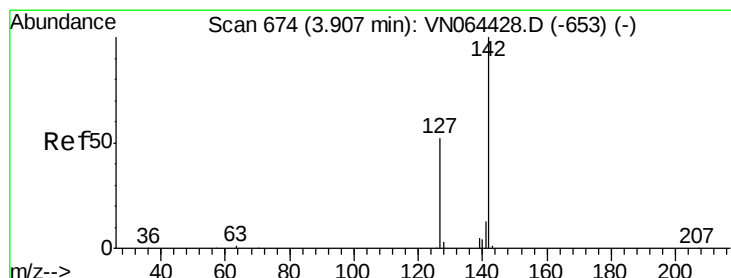
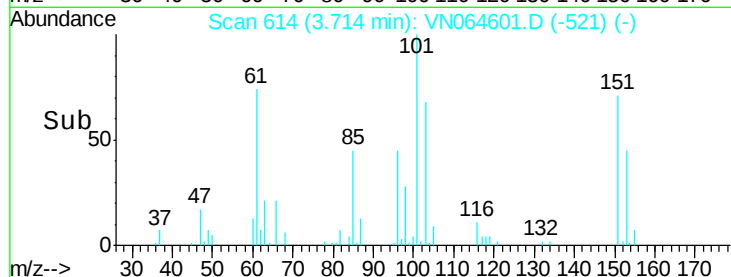
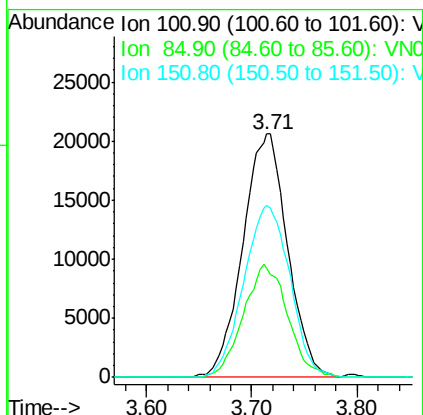
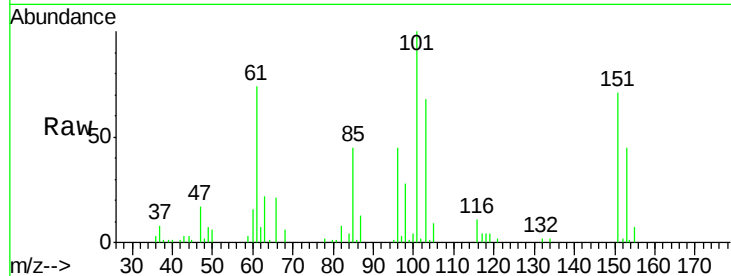




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.503 ug/l
 RT: 3.71 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

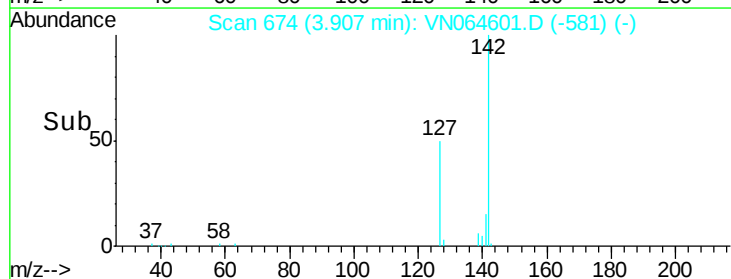
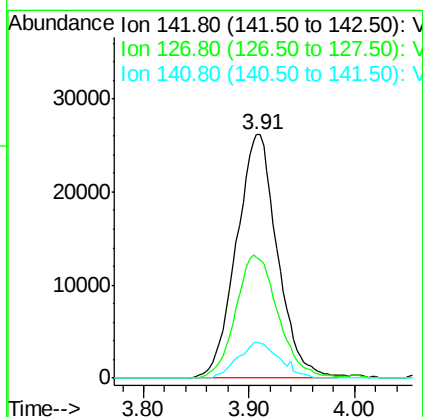
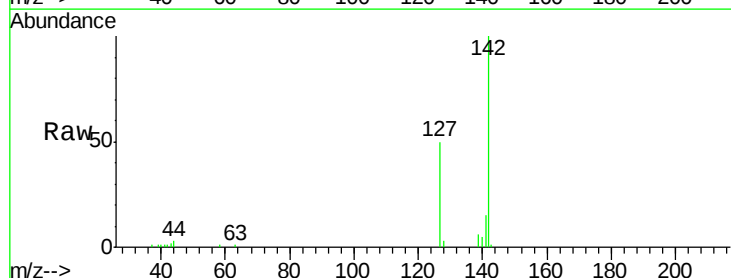
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD02

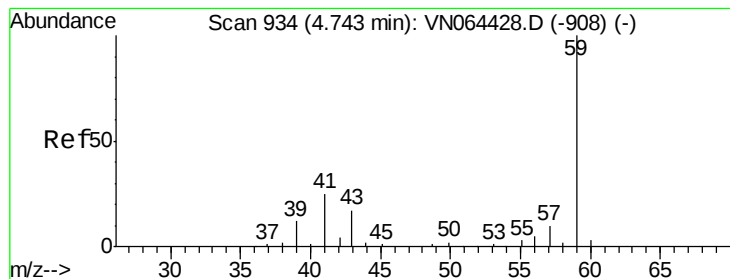
Tot Ion:101 Resp: 60844
 Ion Ratio Lower Upper
 101 100
 85 45.9 38.6 57.8
 151 72.7 57.5 86.3



#10
 Methyl Iodide
 Concen: 19.507 ug/l
 RT: 3.91 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

Tgt Ion:142 Resp: 70711
 Ion Ratio Lower Upper
 142 100
 127 52.2 41.8 62.8
 141 14.9 11.4 17.2



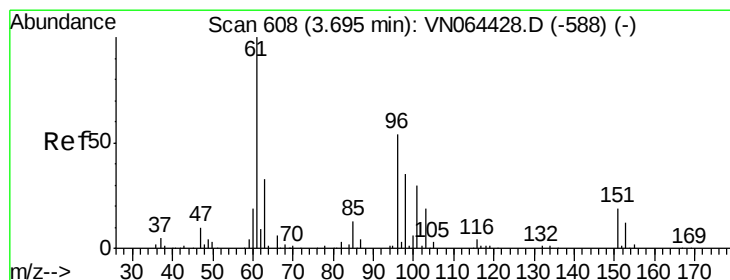
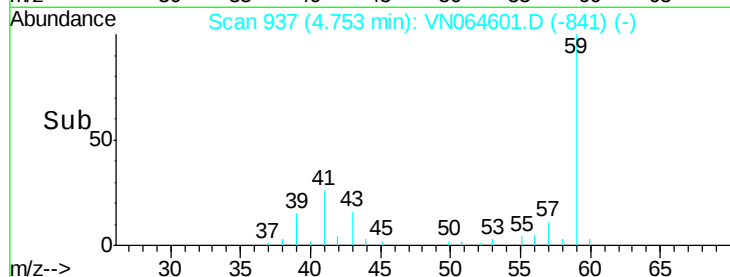
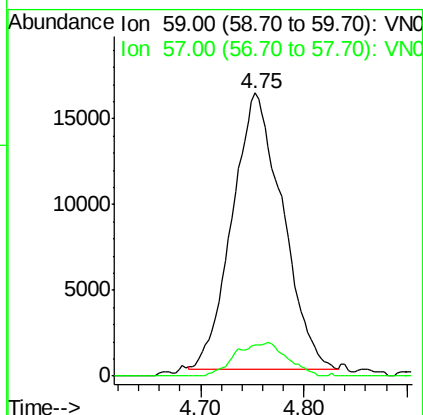
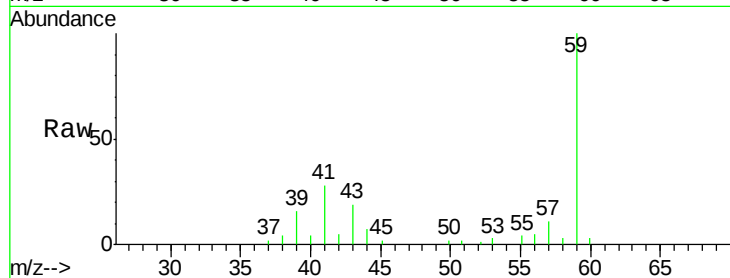


#11

Tert butyl alcohol
Concen: 103.584 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD02

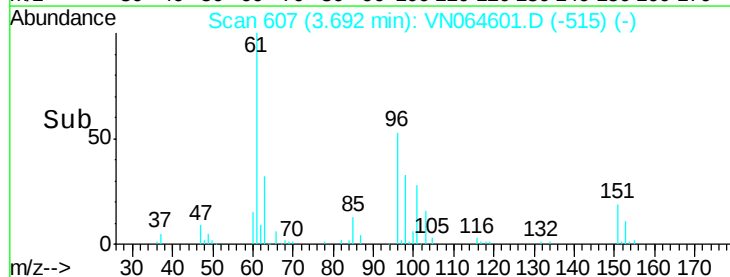
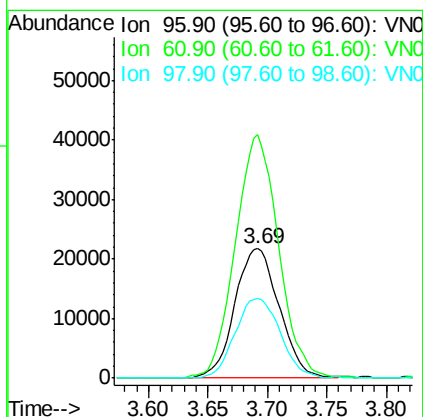
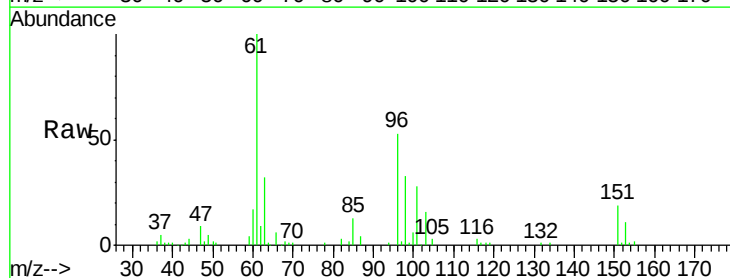
Tot Ion: 59 Resp: 54673
Ion Ratio Lower Upper
59 100
57 12.4 9.0 13.4

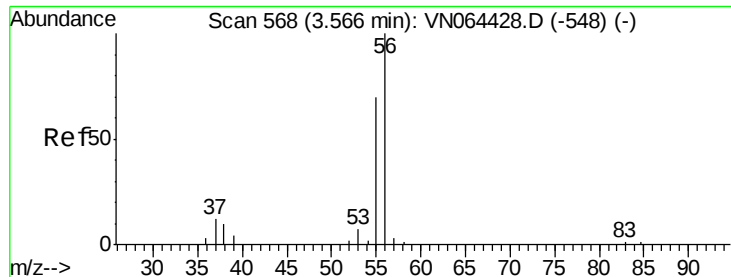


#12

1,1-Dichloroethene
Concen: 19.151 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion: 96 Resp: 56279
Ion Ratio Lower Upper
96 100
61 187.2 149.5 224.3
98 61.9 52.4 78.6





#13

Acrolein

Concen: 68.398 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

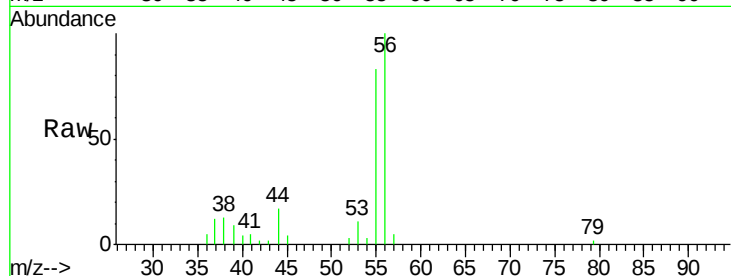
VN1112WBSD02

Tot Ion: 56 Resp: 22393

Ion Ratio Lower Upper

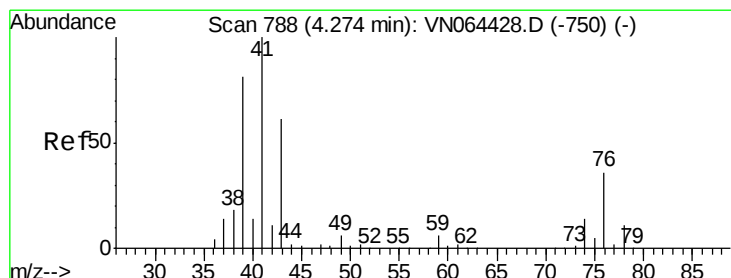
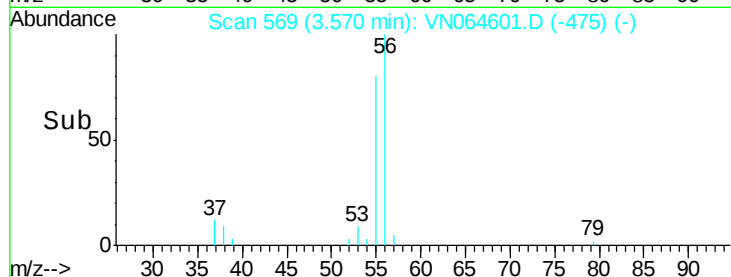
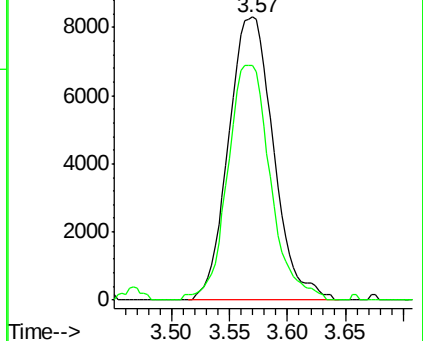
56 100

55 79.1 55.9 83.9



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

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



#14

Allyl chloride

Concen: 17.789 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

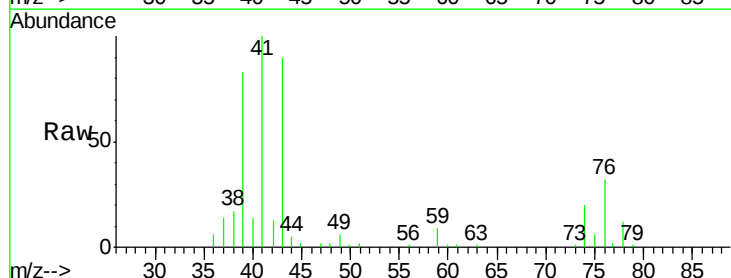
Tgt Ion: 41 Resp: 102260

Ion Ratio Lower Upper

41 100

39 77.5 61.8 92.8

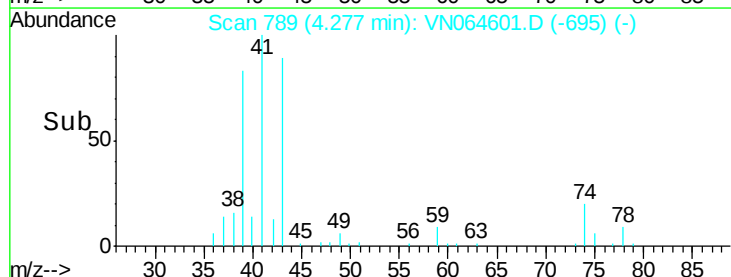
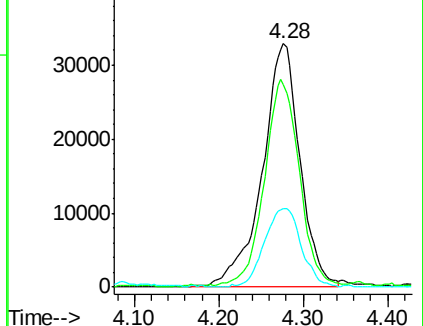
76 31.5 25.4 38.0

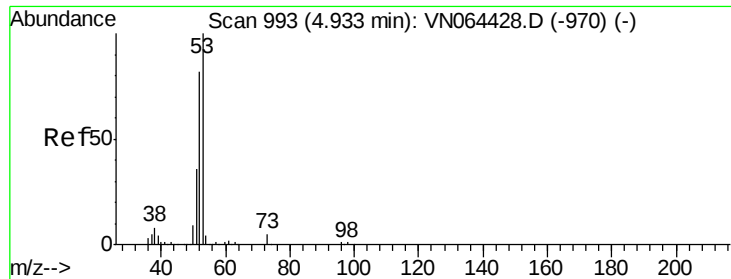


Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-750) (-)

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

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





#15

Acrylonitrile

Concen: 108.363 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD02

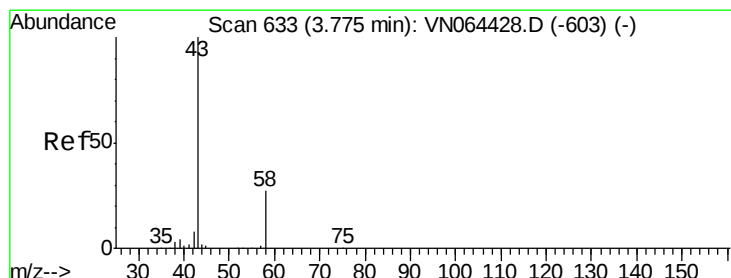
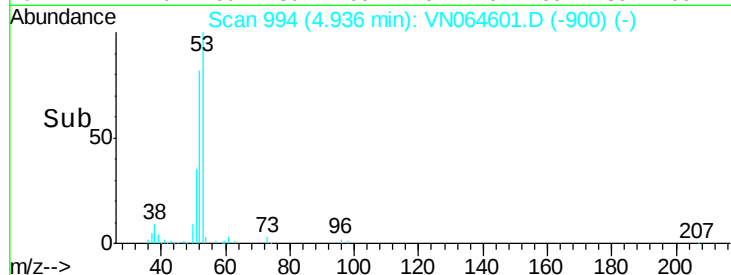
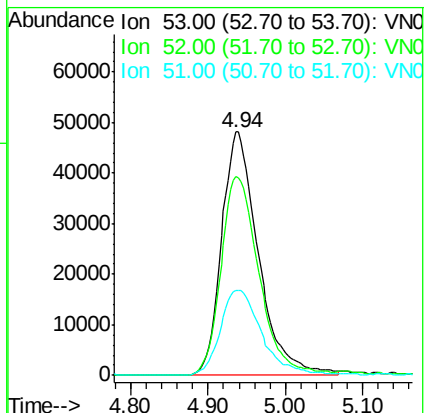
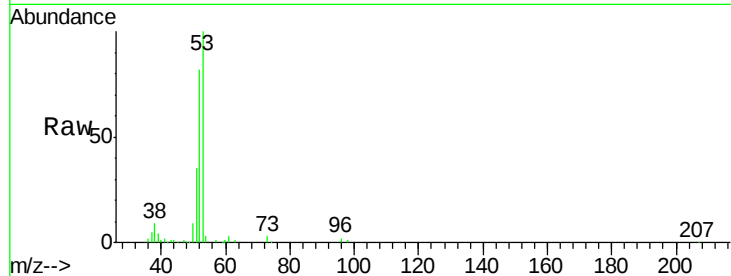
Tot Ion: 53 Resp: 159238

Ion Ratio Lower Upper

53 100

52 83.8 65.6 98.4

51 39.4 29.9 44.9



#16

Acetone

Concen: 85.884 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064601.D

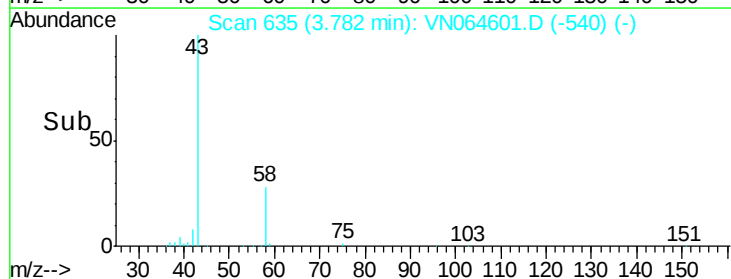
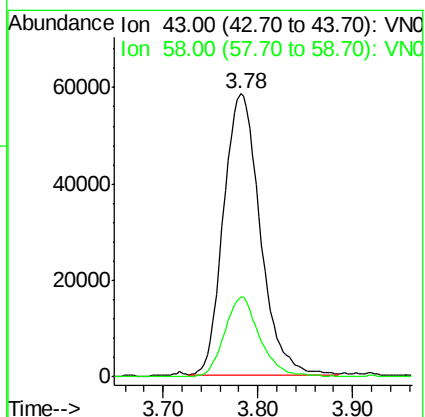
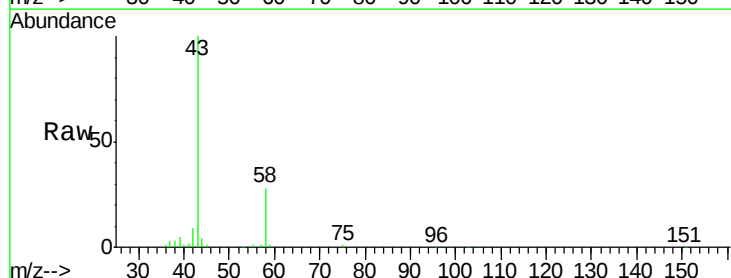
Acq: 13 Nov 2020 00:31

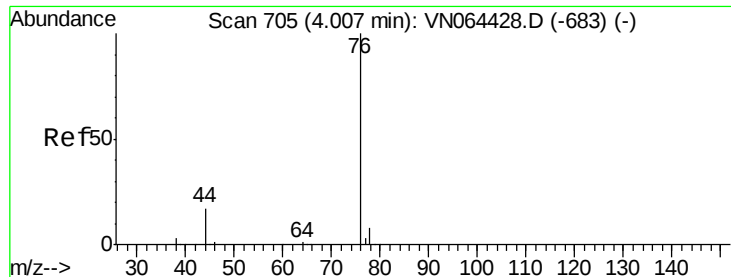
Tgt Ion: 43 Resp: 156577

Ion Ratio Lower Upper

43 100

58 28.3 21.4 32.0

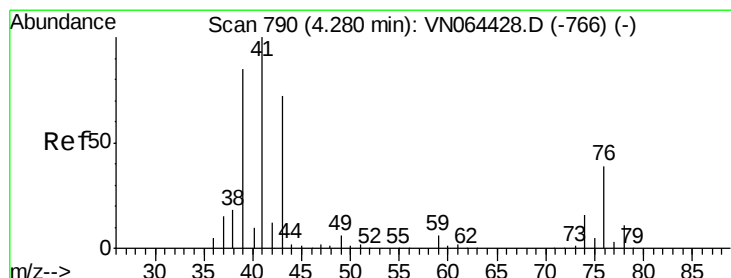
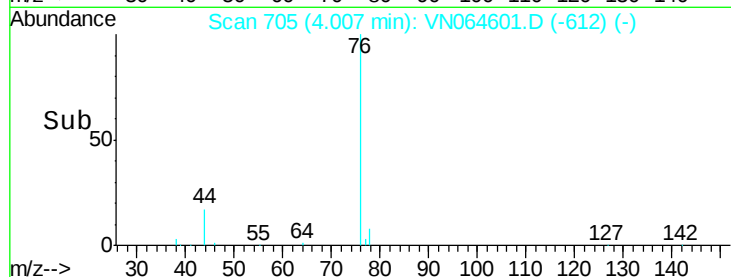
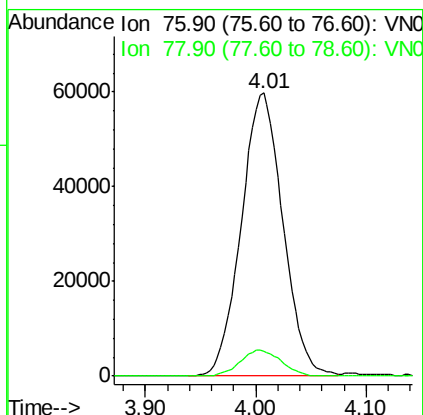
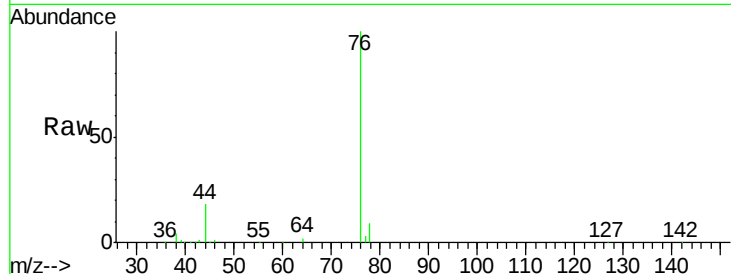




#17
Carbon Disulfide
Concen: 17.814 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

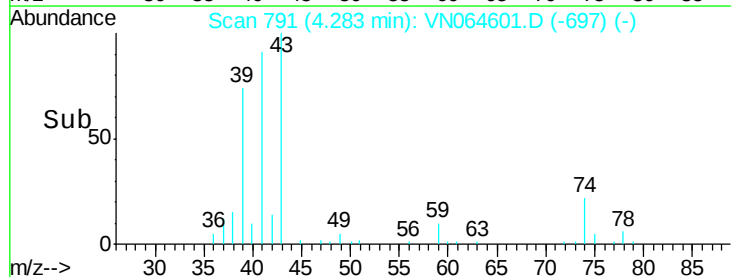
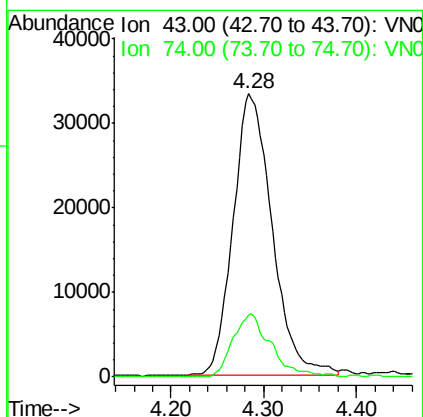
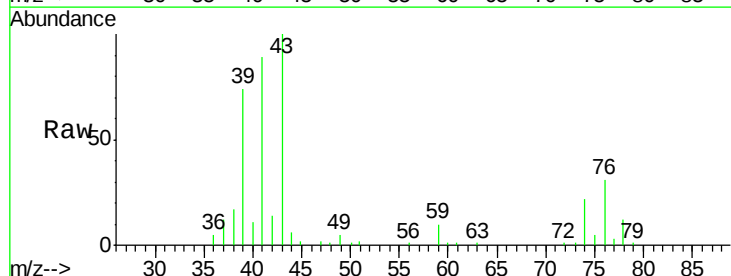
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD02

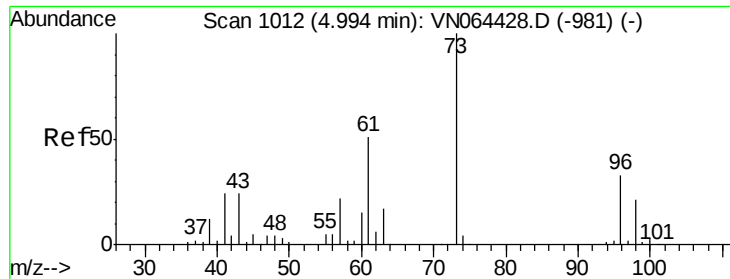
Tot Ion: 76 Resp: 156545
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 26.966 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion: 43 Resp: 96653
Ion Ratio Lower Upper
43 100
74 21.7 17.0 25.4

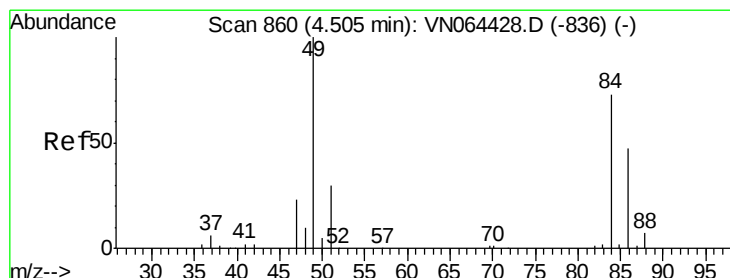
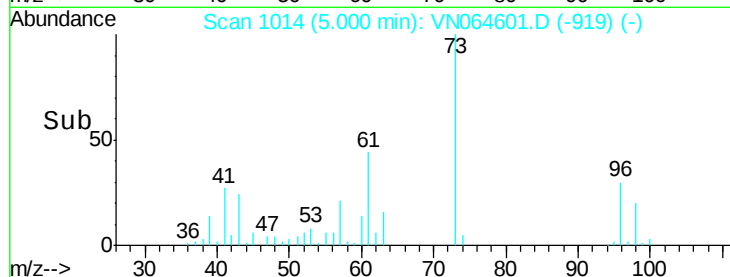
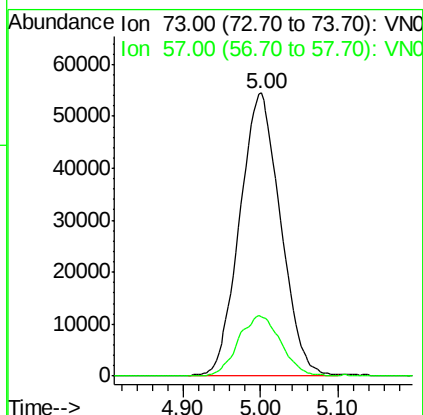
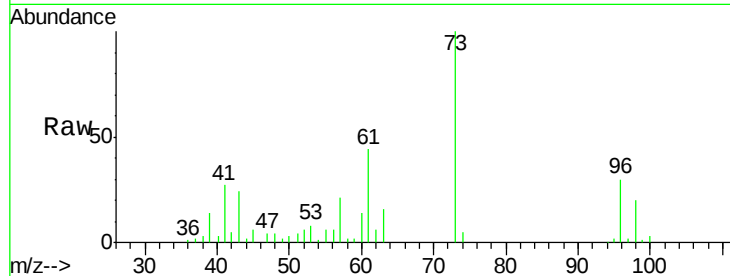




#19
Methyl tert-butyl Ether
Concen: 18.955 ug/l
RT: 5.00 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

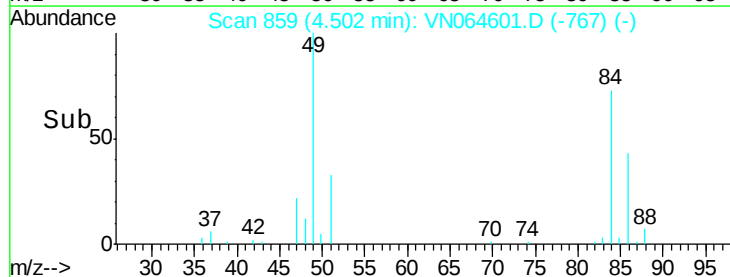
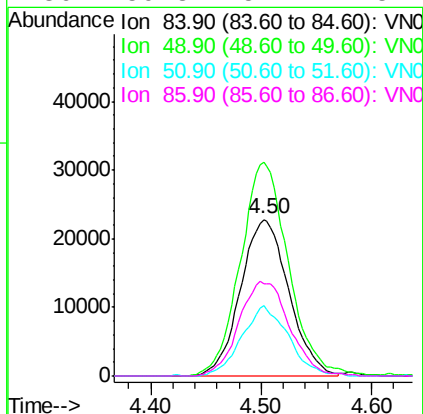
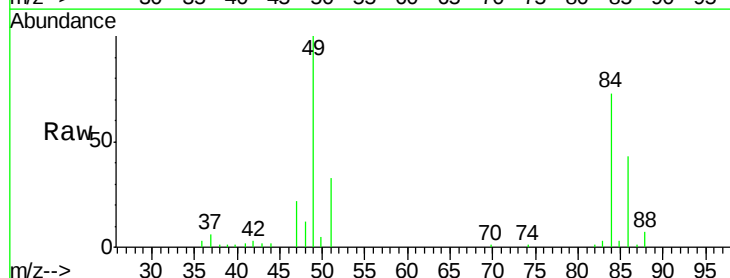
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD02

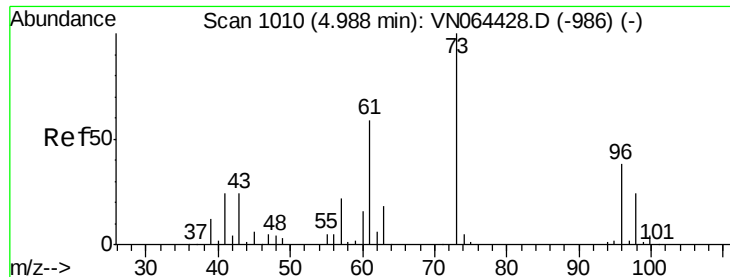
Tot Ion: 73 Resp: 200476
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5



#20
Methylene Chloride
Concen: 19.128 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion: 84 Resp: 69189
Ion Ratio Lower Upper
84 100
49 136.7 110.1 165.1
51 44.7 33.6 50.4
86 59.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 19.457 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD02

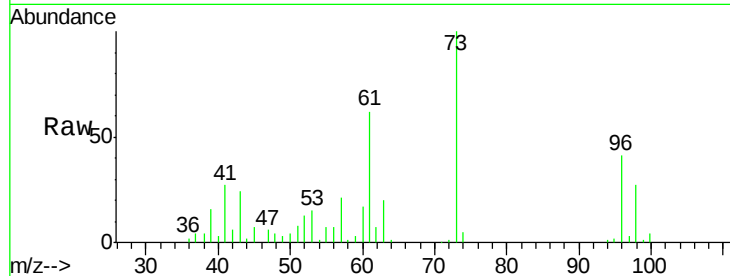
Tot Ion: 96 Resp: 64920

Ion Ratio Lower Upper

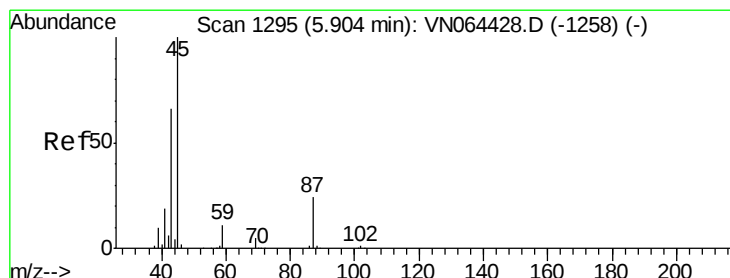
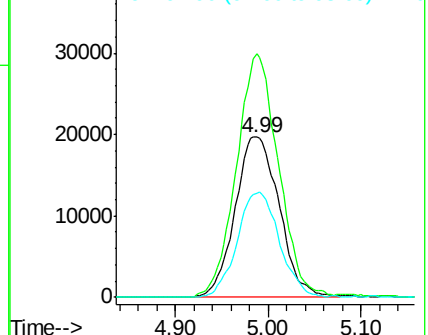
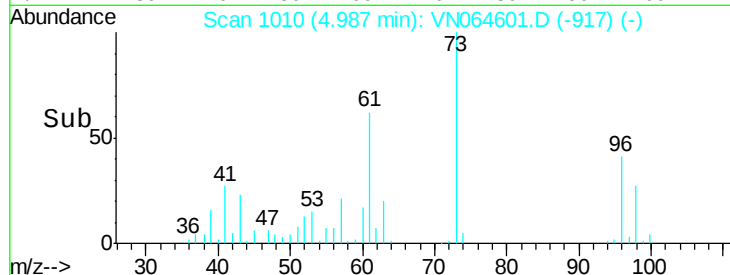
96 100

61 152.0 122.4 183.6

98 65.2 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN064601.D (-917) (-)



#22

Diisopropyl ether

Concen: 18.874 ug/l

RT: 5.91 min Scan# 1297

Delta R.T. 0.01 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Tgt Ion: 45 Resp: 230311

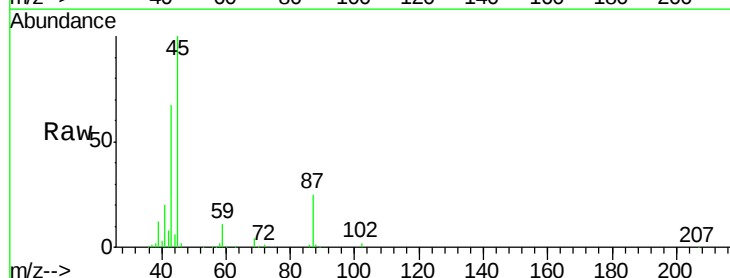
Ion Ratio Lower Upper

45 100

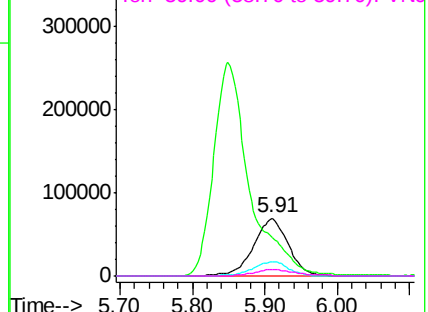
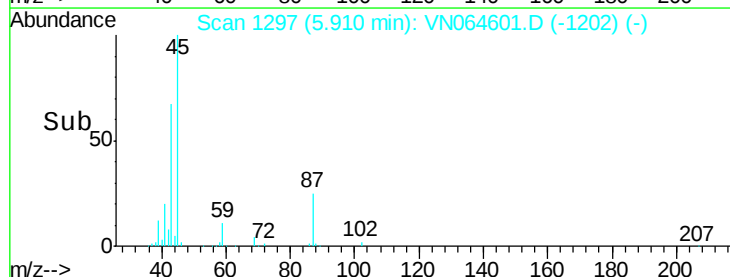
43 64.3 53.2 79.8

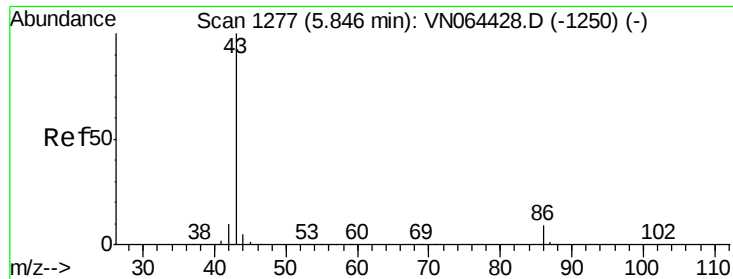
87 24.5 19.9 29.9

59 11.0 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VN064601.D (-1202) (-)





#23

Vinyl Acetate

Concen: 89.042 ug/l

RT: 5.85 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

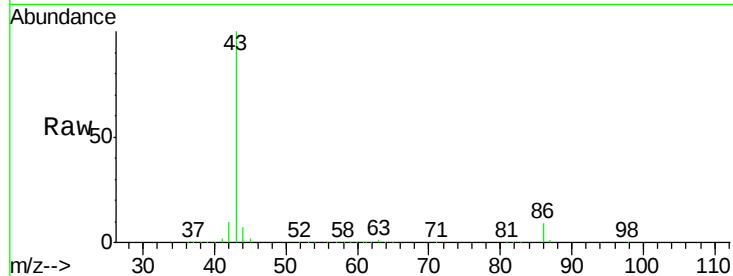
VN1112WBSD02

Tot Ion: 43 Resp: 883910

Ion Ratio Lower Upper

43 100

86 9.1 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.85

250000

200000

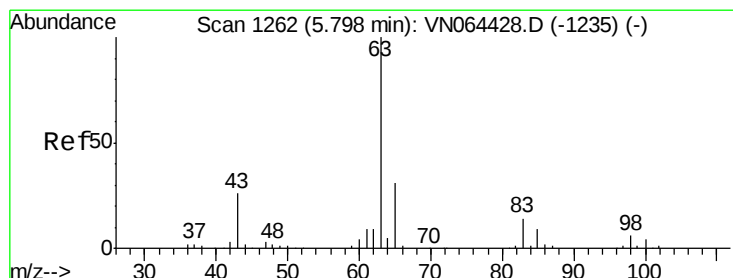
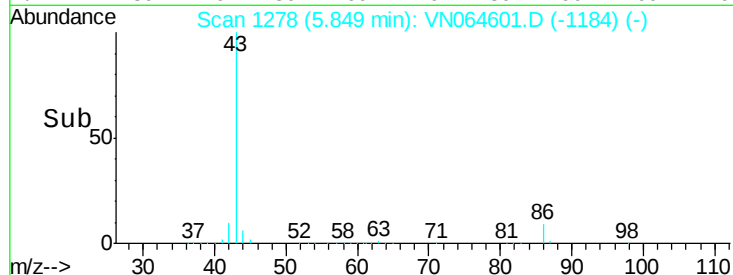
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.850 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

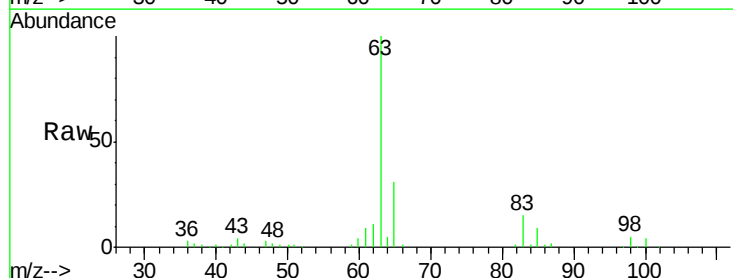
Tgt Ion: 63 Resp: 133107

Ion Ratio Lower Upper

63 100

98 5.1 3.0 9.2

100 4.1 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.79

50000

40000

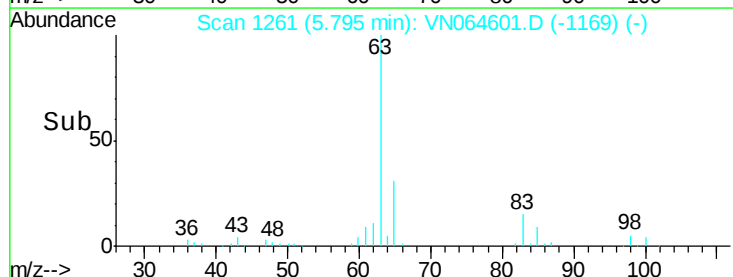
30000

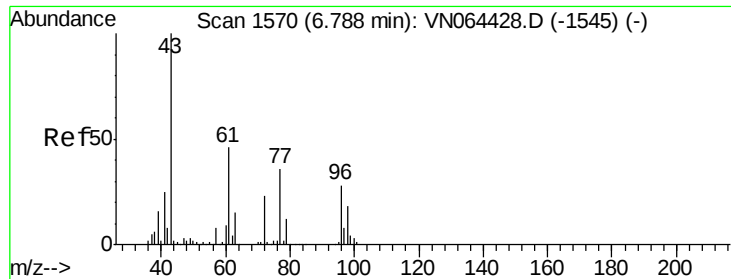
20000

10000

0

Time-->

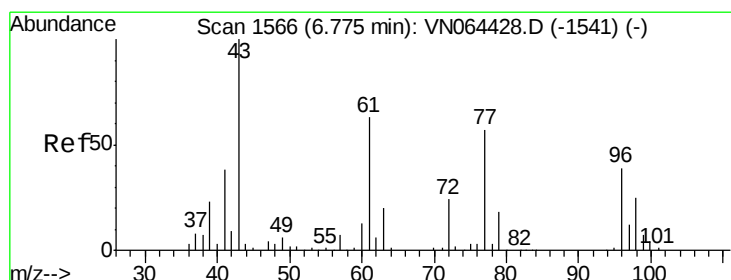
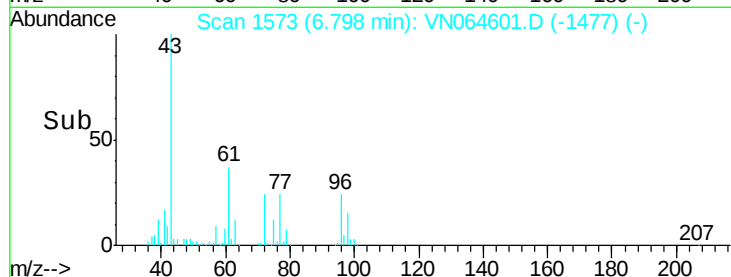
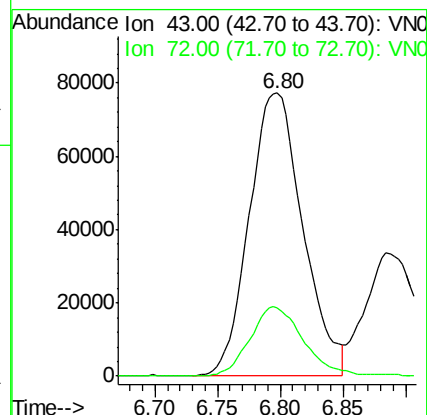
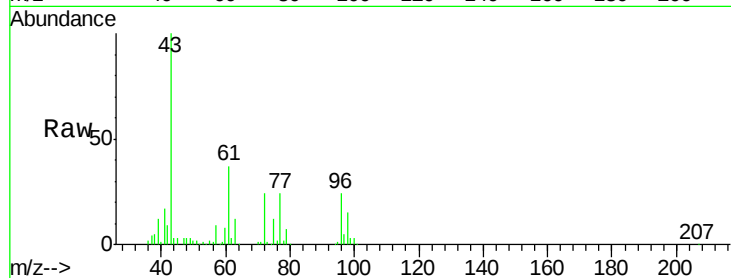




#25
2-Butanone
Concen: 98.445 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

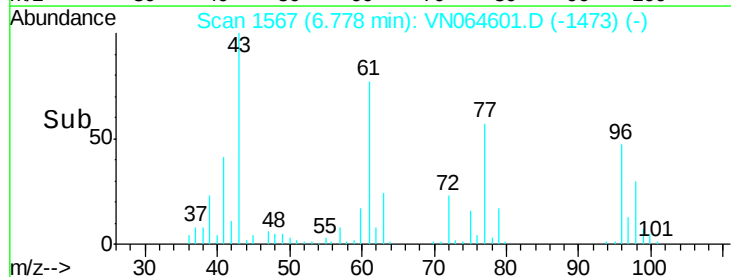
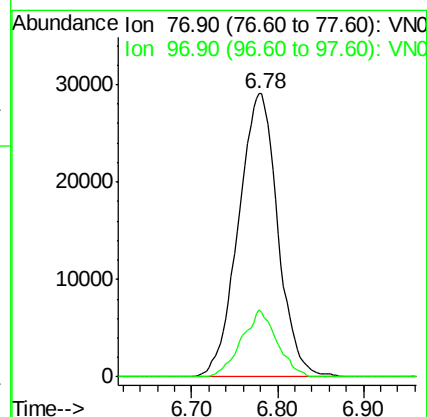
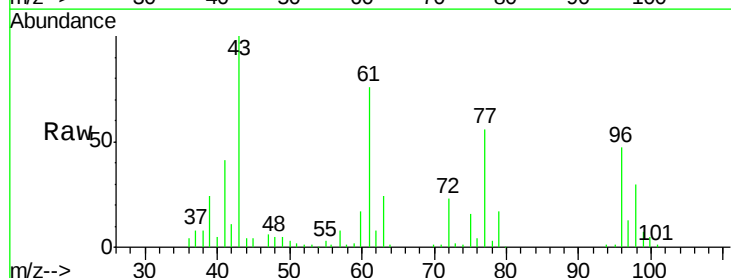
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD02

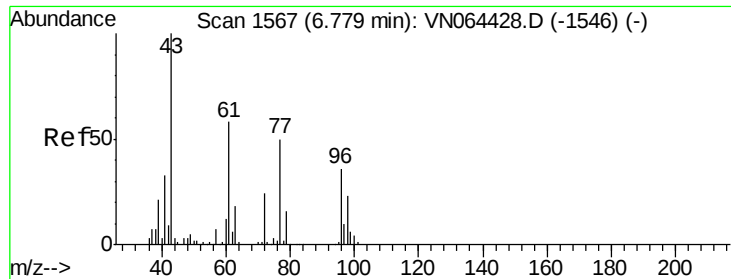
Tot Ion: 43 Resp: 228680
Ion Ratio Lower Upper
43 100
72 24.0 18.5 27.7



#26
2,2-Dichloropropane
Concen: 15.202 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion: 77 Resp: 92279
Ion Ratio Lower Upper
77 100
97 21.4 10.2 30.6

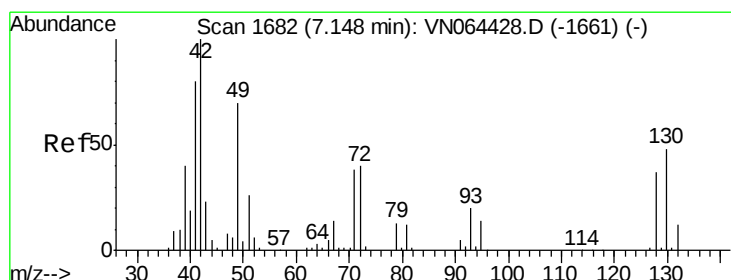
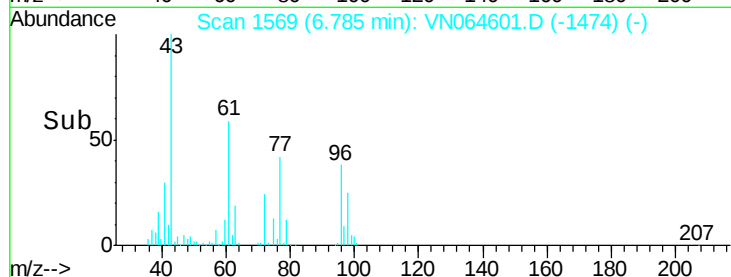
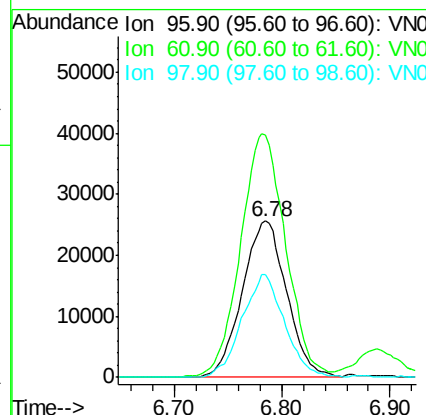
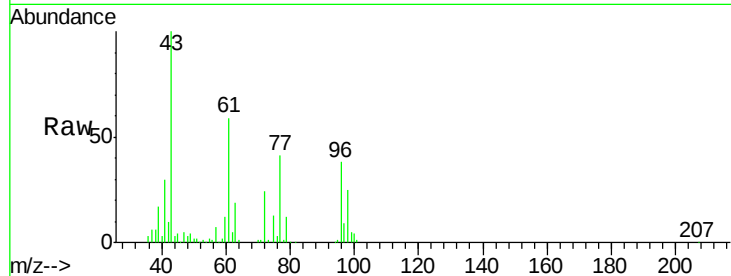




#27
 cis-1,2-Dichloroethene
 Concen: 18.971 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

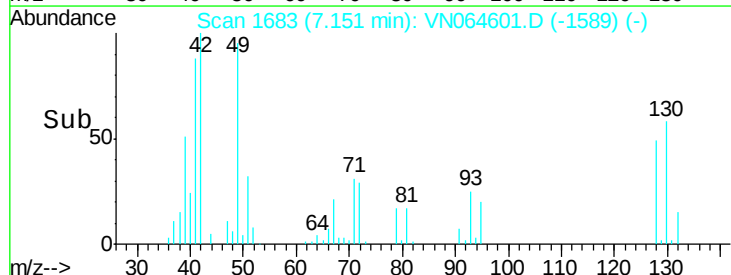
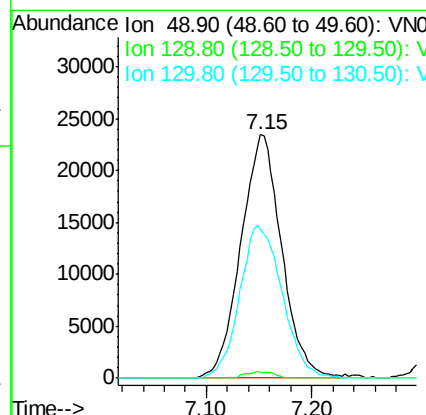
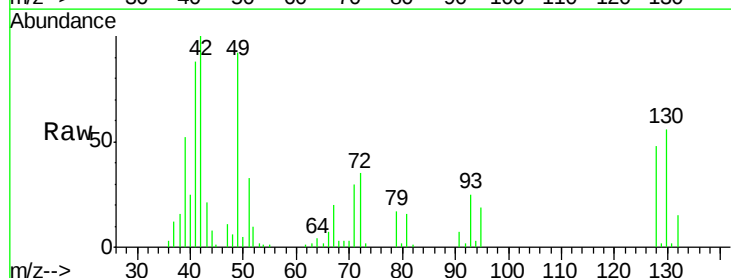
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD02

Tot Ion: 96 Resp: 73346
 Ion Ratio Lower Upper
 96 100
 61 158.1 0.0 329.6
 98 62.9 0.0 131.2



#28
 Bromochloromethane
 Concen: 19.132 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

Tgt Ion: 49 Resp: 63057
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 65.2 54.2 81.4

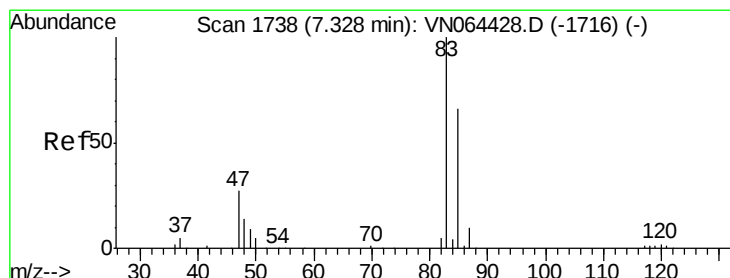
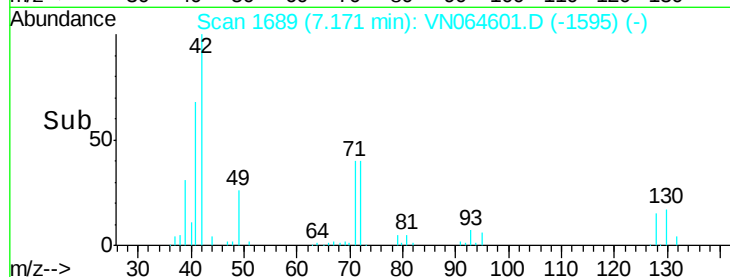
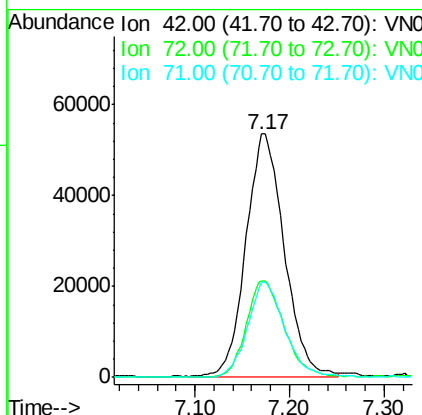
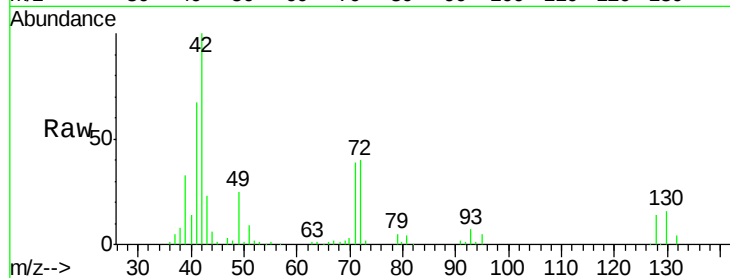




#29
Tetrahydrofuran
Concen: 105.153 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

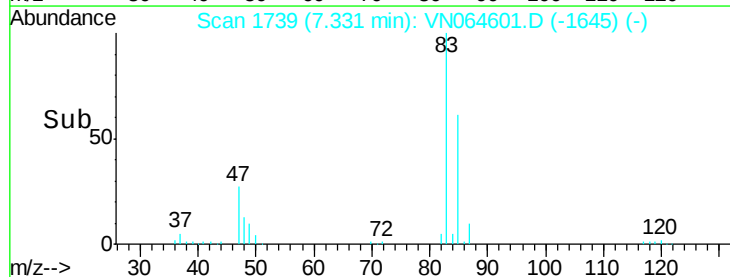
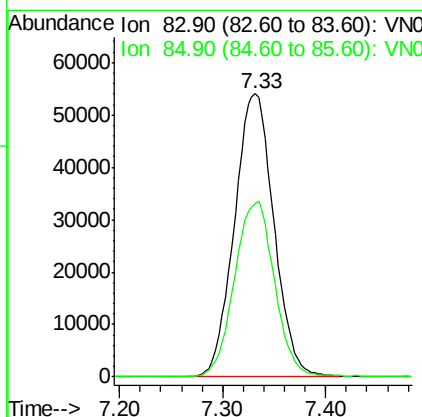
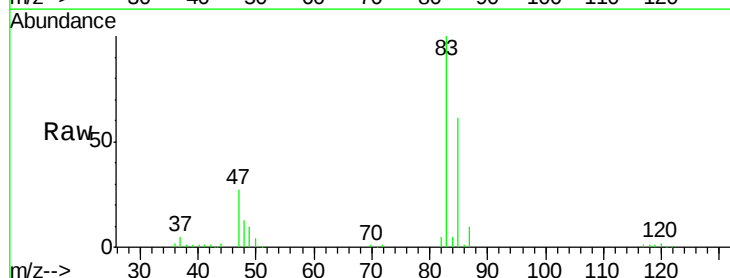
Instrument :
MSVOA_N
ClientSampled :
VN1112WBSD02

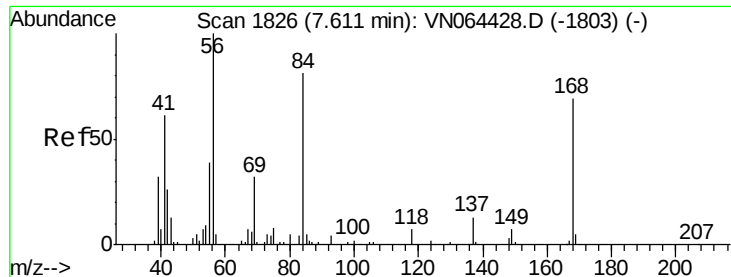
Tot Ion: 42 Resp: 149861
Ion Ratio Lower Upper
42 100
72 39.4 31.7 47.5
71 38.4 29.8 44.6



#30
Chloroform
Concen: 20.403 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion: 83 Resp: 143808
Ion Ratio Lower Upper
83 100
85 61.4 52.5 78.7

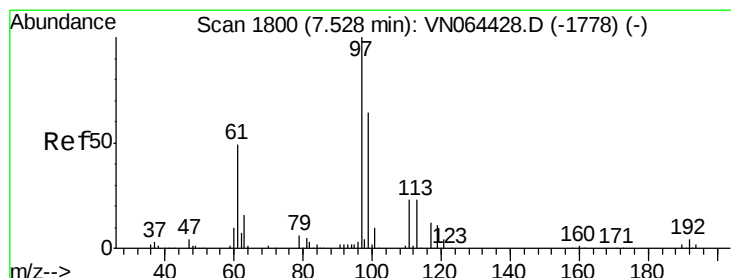
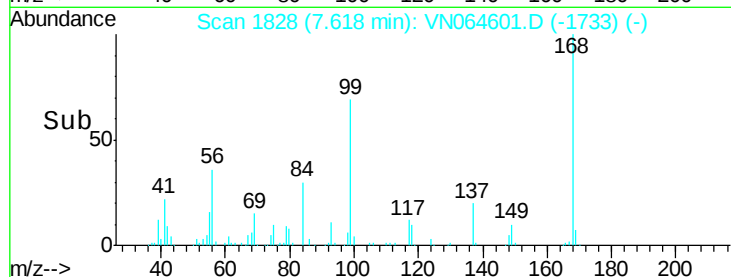
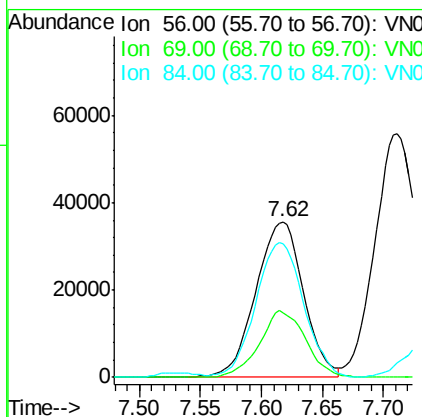
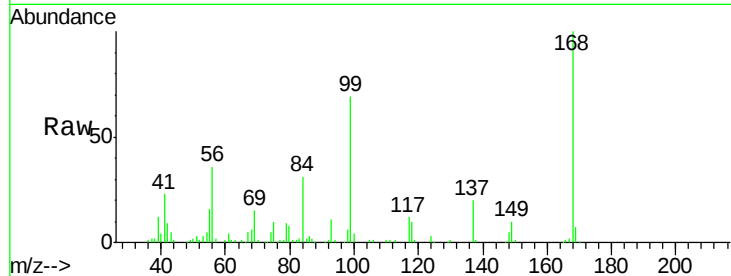




#31
Cyclohexane
Concen: 16.672 ug/l
RT: 7.62 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

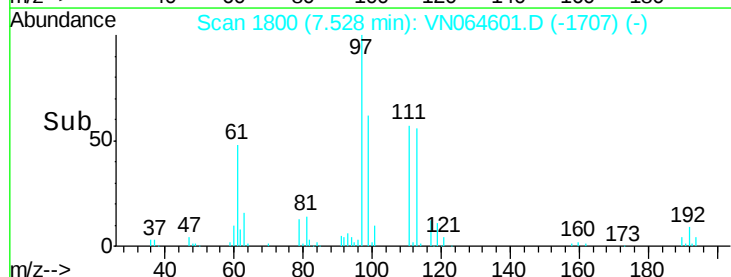
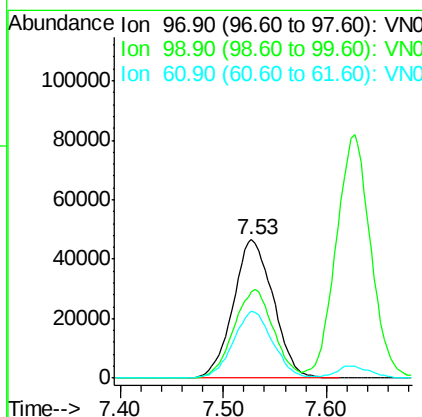
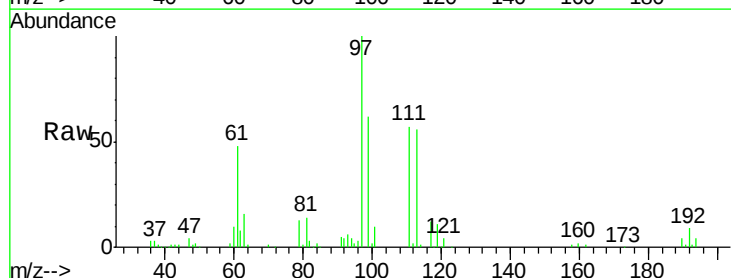
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD02

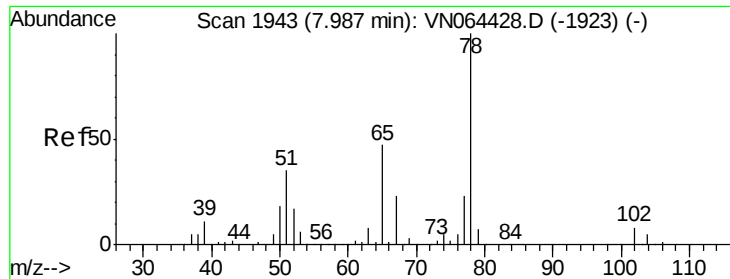
Tot Ion: 56 Resp: 96997
Ion Ratio Lower Upper
56 100
69 41.7 25.6 38.4#
84 83.4 63.0 94.6



#32
1,1,1-Trichloroethane
Concen: 20.115 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion: 97 Resp: 125748
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 47.6 39.1 58.7

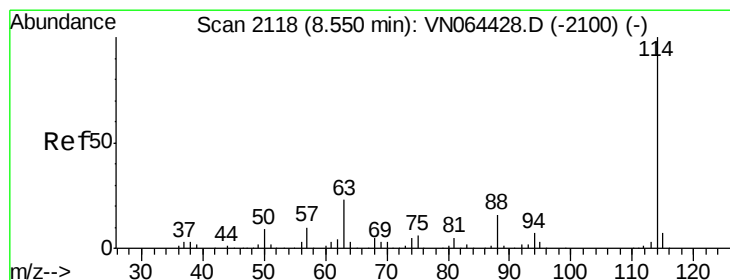
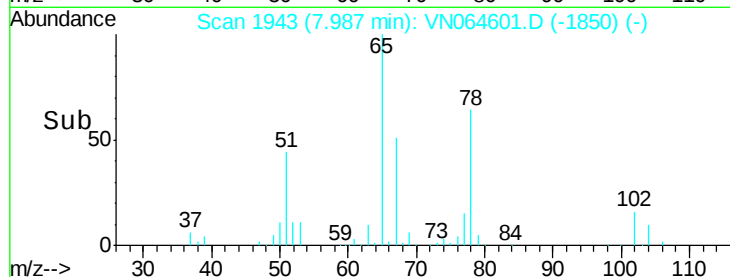
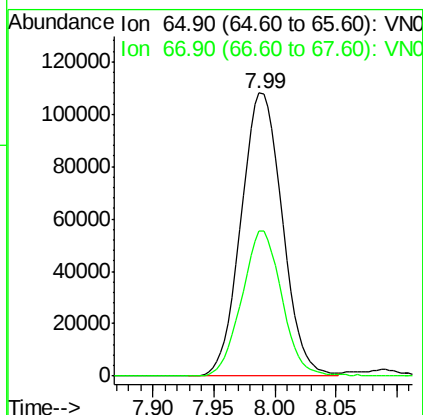
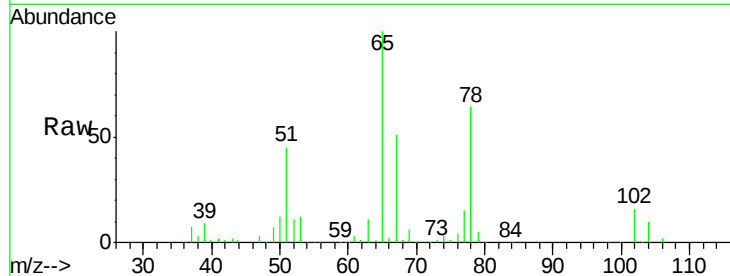




#33
 1,2-Dichloroethane-d4
 Concen: 52.941 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

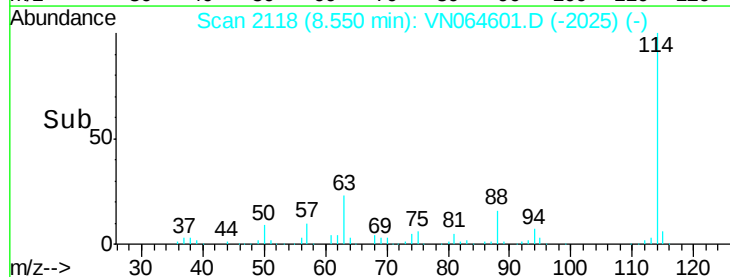
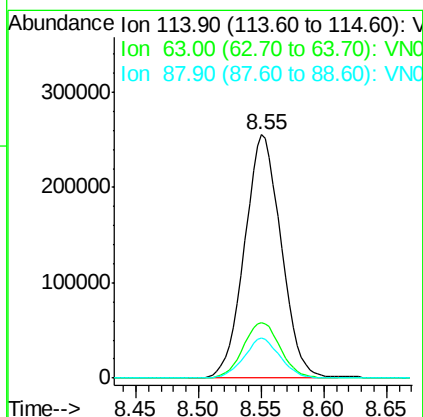
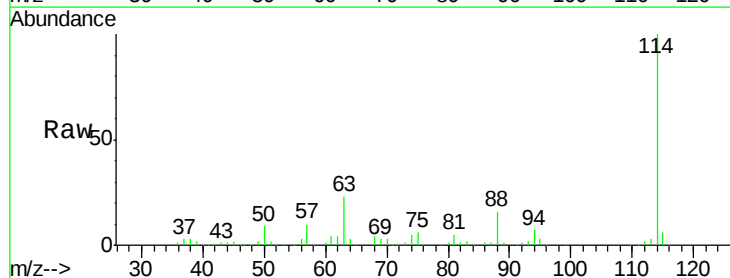
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD02

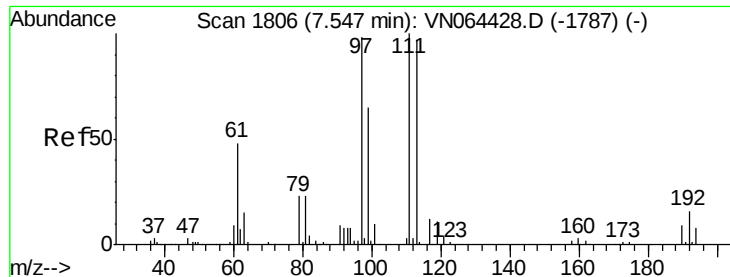
Tot Ion: 65 Resp: 253382
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

Tgt Ion: 114 Resp: 519360
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.6
 88 16.3 0.0 32.8

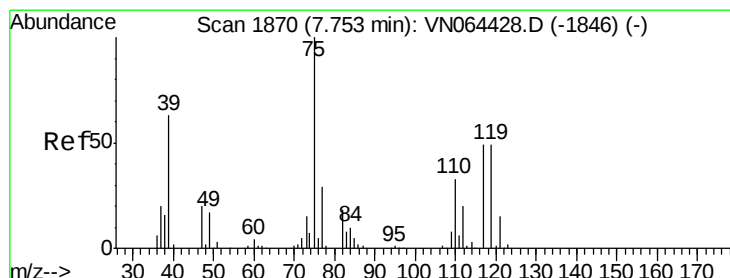
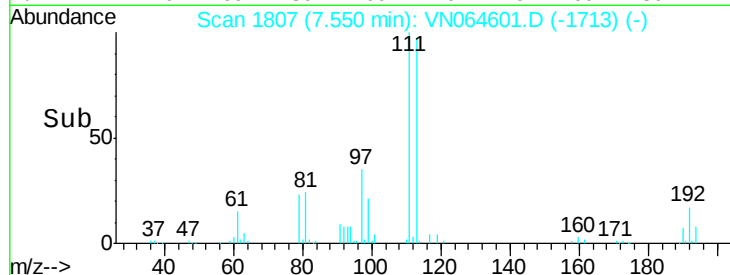
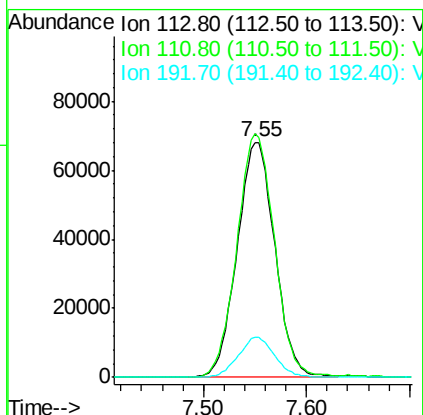
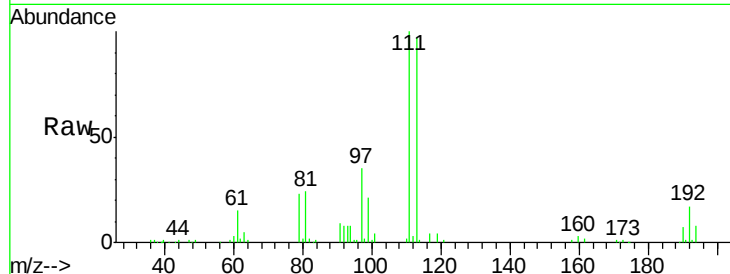




#35
 Dibromofluoromethane
 Concen: 48.958 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

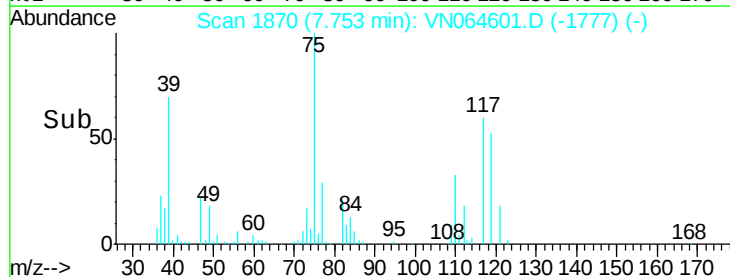
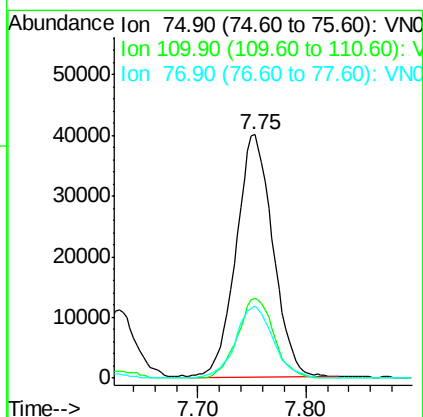
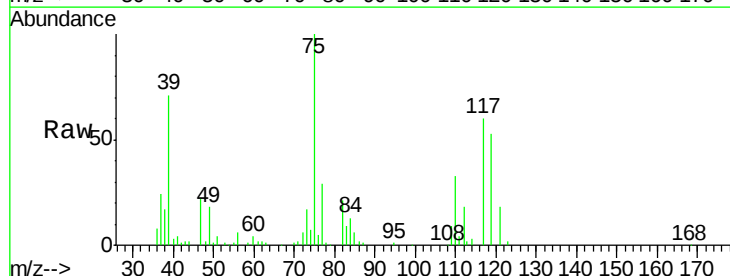
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD02

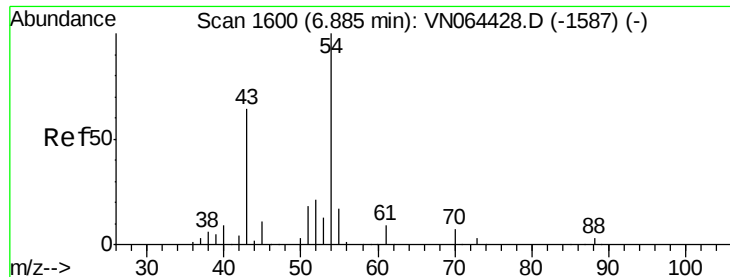
Tot Ion:113 Resp: 173121
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.1 121.7
 192 16.5 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 17.333 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

Tgt Ion: 75 Resp: 95103
 Ion Ratio Lower Upper
 75 100
 110 32.3 16.0 48.0
 77 30.5 24.0 36.0

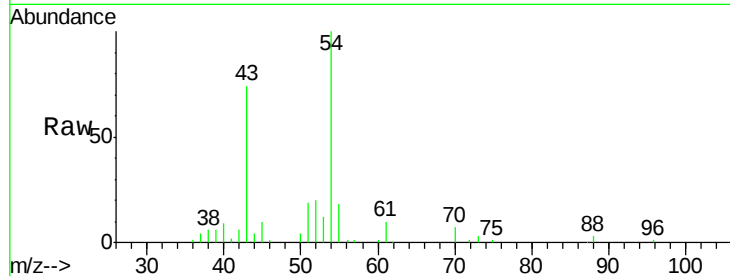




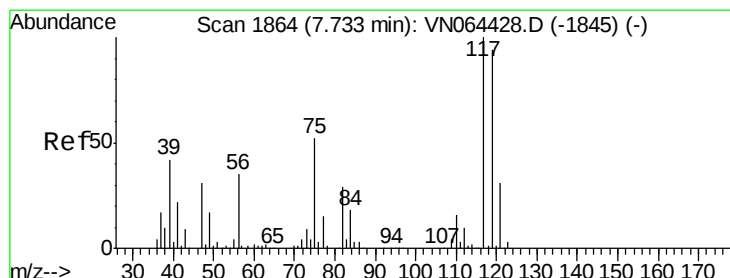
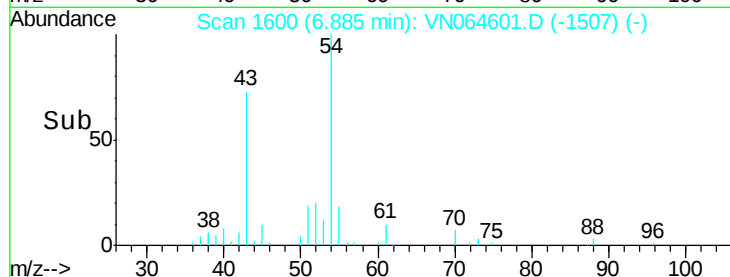
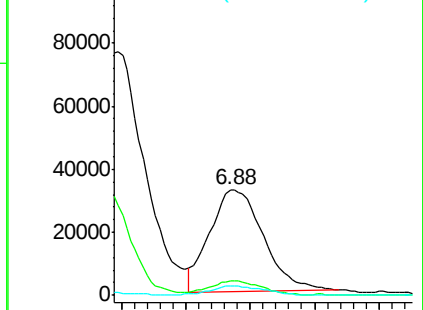
#37
Ethyl Acetate
Concen: 17.363 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD02

Tot Ion: 43 Resp: 93872
Ion Ratio Lower Upper
43 100
61 12.9 10.0 15.0
70 9.4 7.1 10.7

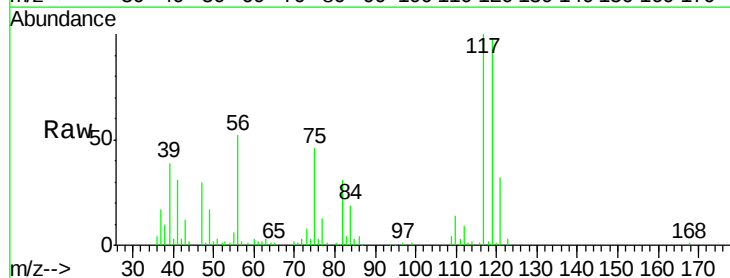


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

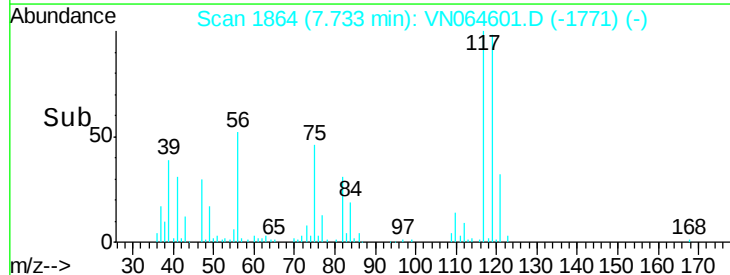
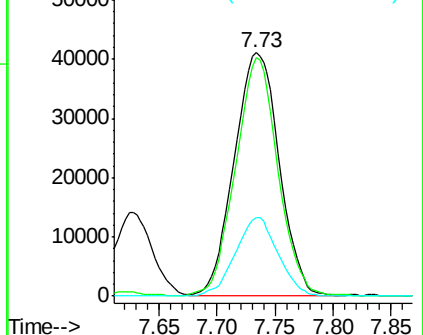


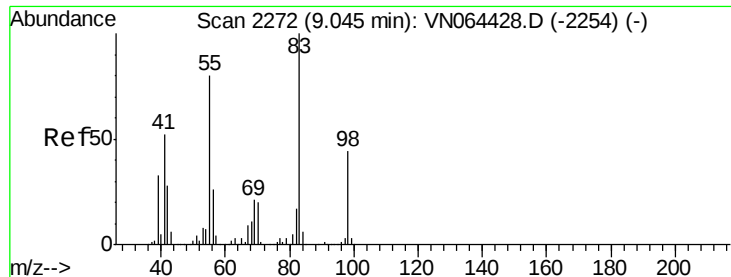
#38
Carbon Tetrachloride
Concen: 18.898 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion: 117 Resp: 110815
Ion Ratio Lower Upper
117 100
119 97.7 75.5 113.3
121 32.2 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

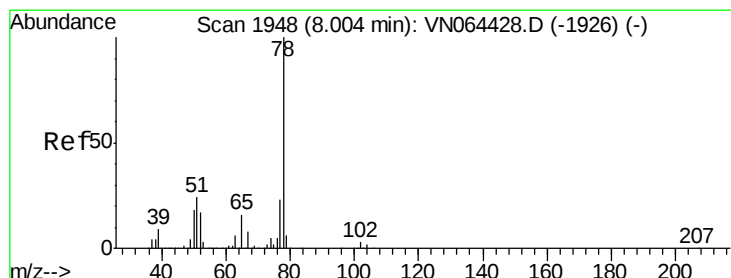
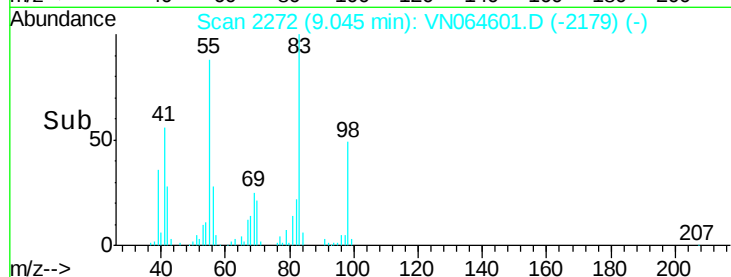
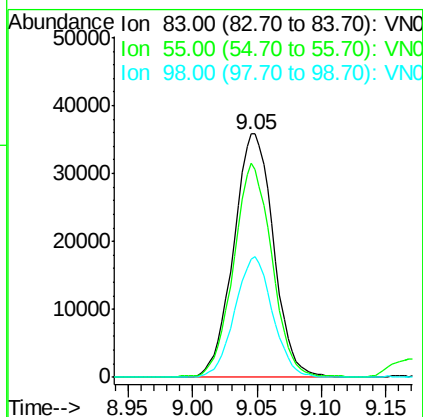
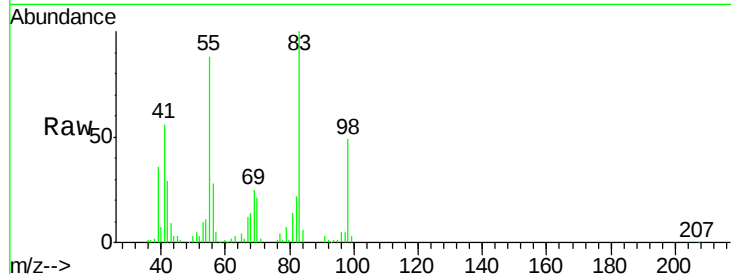




#39
Methvlcvclohexane
Concen: 15.689 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

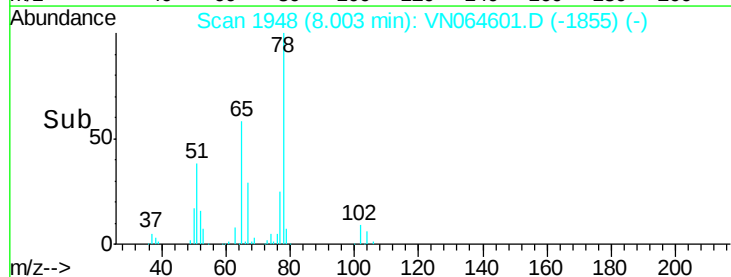
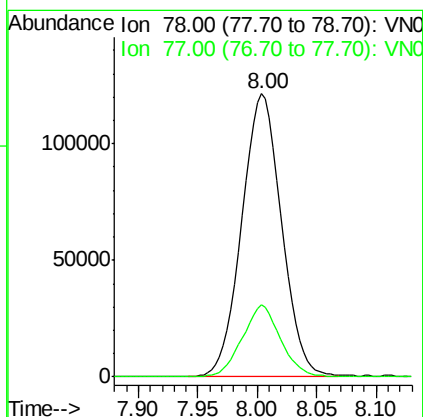
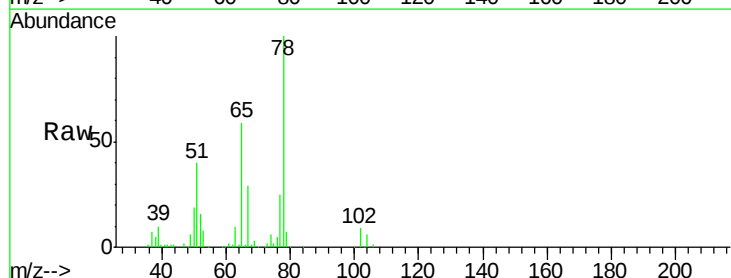
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD02

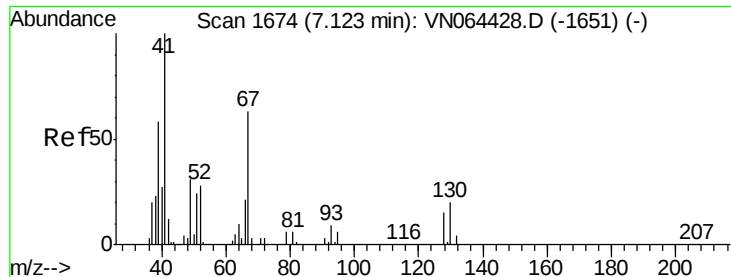
Tot Ion: 83 Resp: 77163
Ion Ratio Lower Upper
83 100
55 87.8 63.8 95.6
98 48.6 35.4 53.2



#40
Benzene
Concen: 17.480 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion: 78 Resp: 281820
Ion Ratio Lower Upper
78 100
77 25.3 18.7 28.1

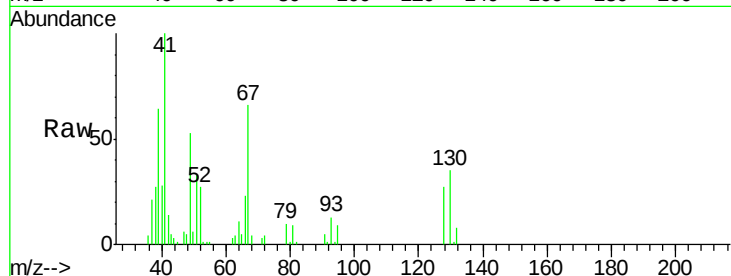




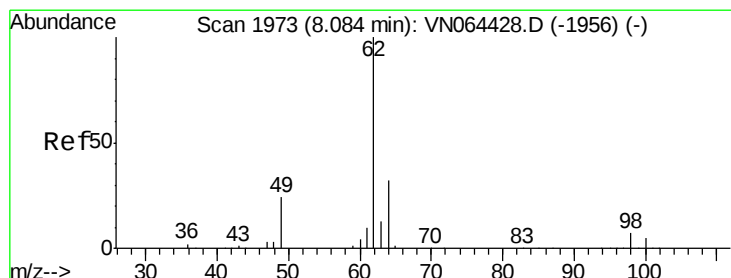
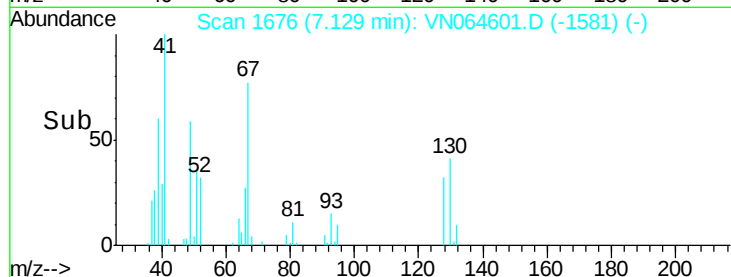
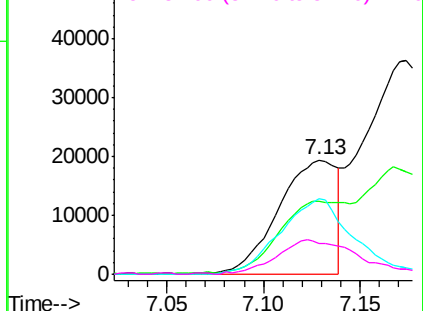
#41
Methacrylonitrile
Concen: 16.792 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD02

Tot Ion:	41	Resp:	40846
Ion	Ratio	Lower	Upper
41	100		
39	72.9	50.0	75.0
67	82.8	68.3	102.5
52	42.3	32.7	49.1

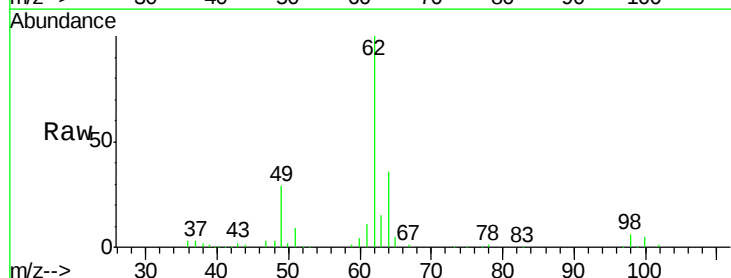


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

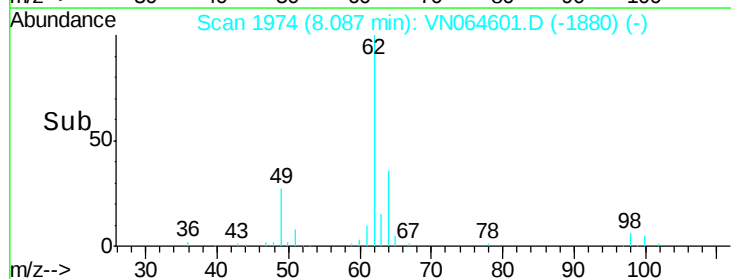
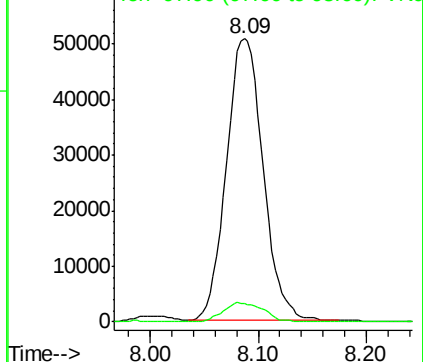


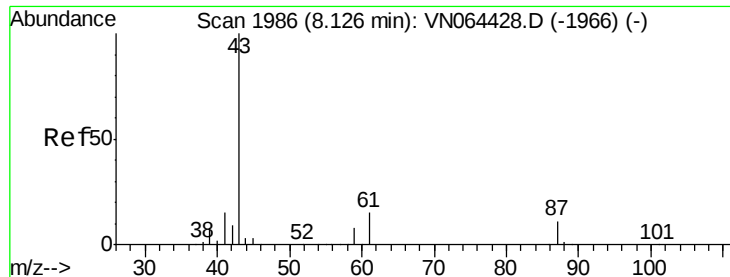
#42
1,2-Dichloroethane
Concen: 18.478 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion:	62	Resp:	120224
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	14.0



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





#43

Isopropyl Acetate

Concen: 18.252 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD02

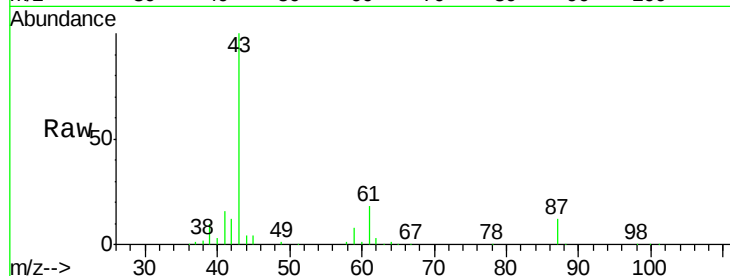
Tot Ion: 43 Resp: 162287

Ion Ratio Lower Upper

43 100

61 16.2 14.0 21.0

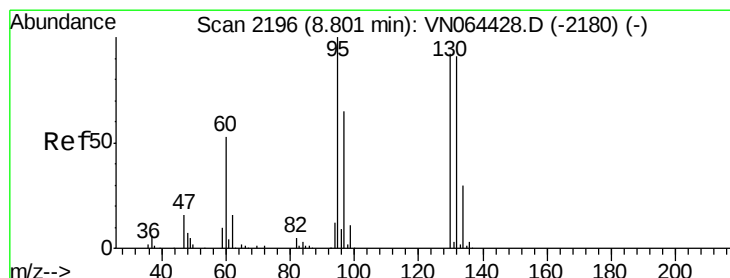
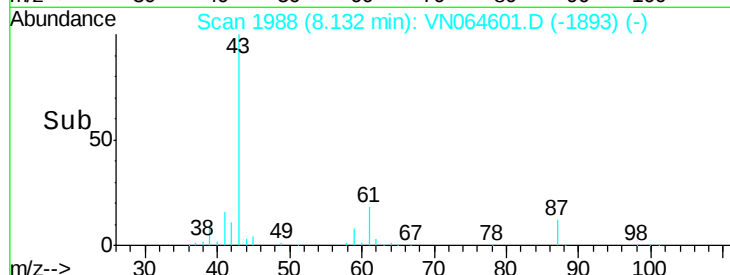
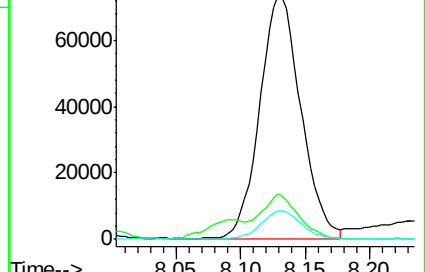
87 11.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064601.D (-1988) (-)

Ion 61.00 (60.70 to 61.70): VN064601.D (-1988) (-)

Ion 87.00 (86.70 to 87.70): VN064601.D (-1988) (-)



#44

Trichloroethene

Concen: 17.703 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064601.D

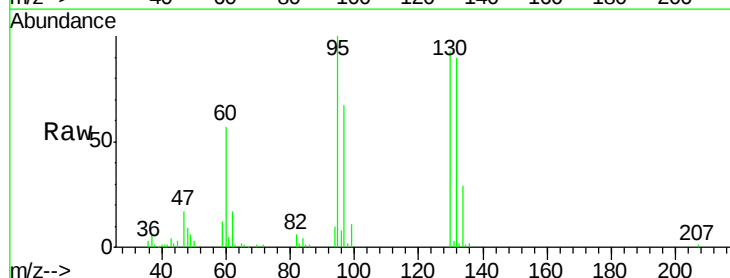
Acq: 13 Nov 2020 00:31

Tgt Ion:130 Resp: 72010

Ion Ratio Lower Upper

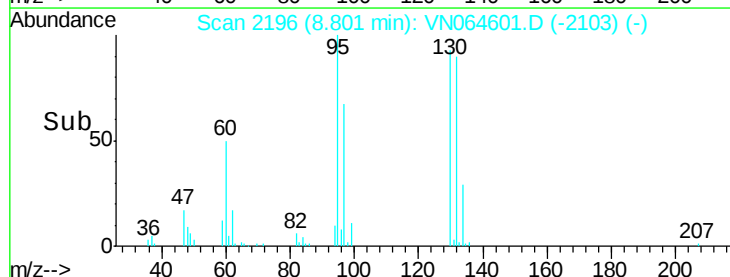
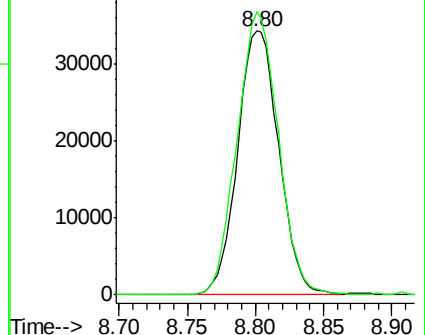
130 100

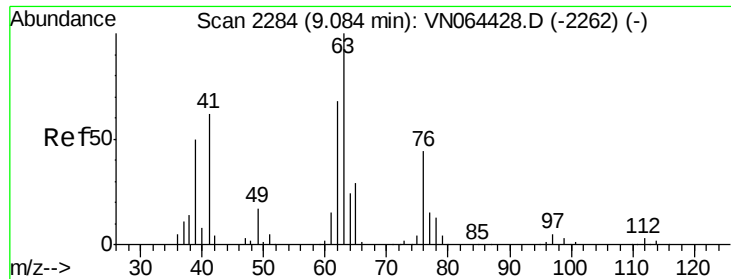
95 107.3 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064601.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN064601.D (-2196) (-)

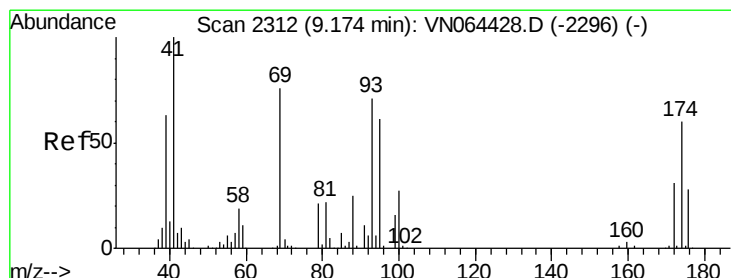
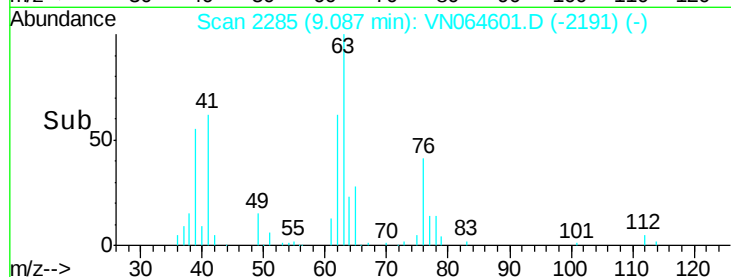
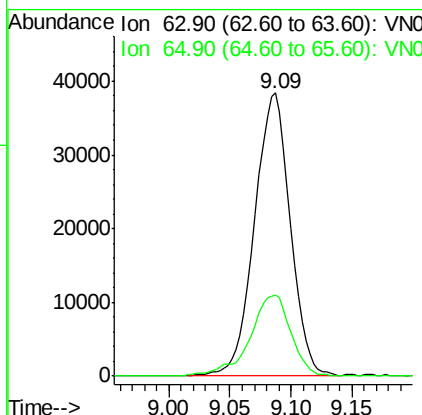
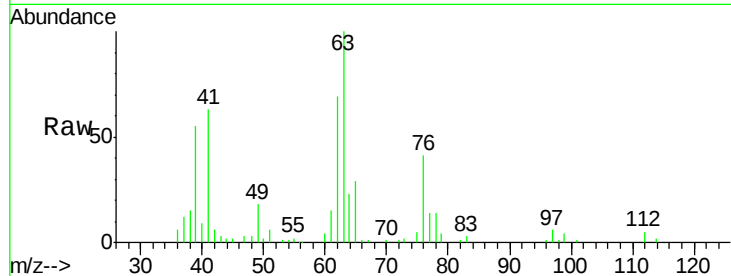




#45
 1,2-Dichloropropane
 Concen: 18.136 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

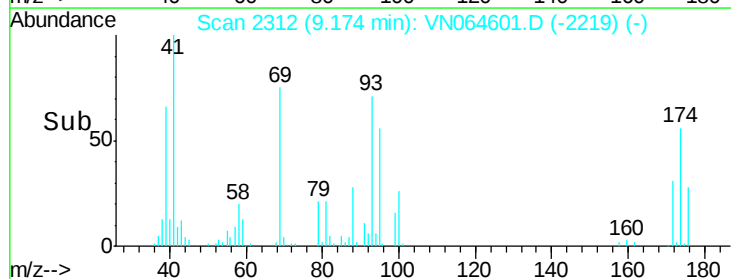
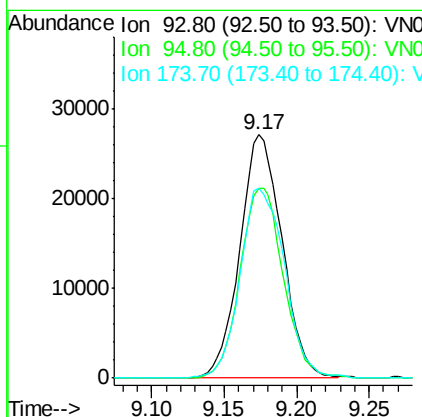
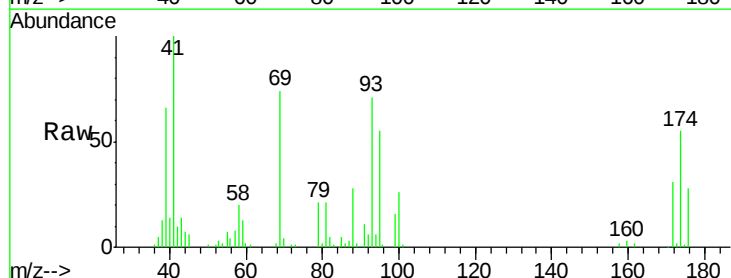
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD02

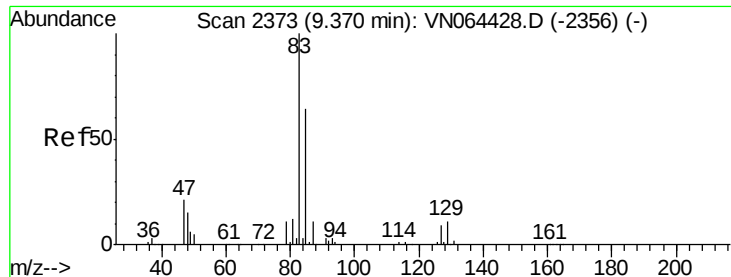
Tot Ion: 63 Resp: 78021
 Ion Ratio Lower Upper
 63 100
 65 28.8 23.6 35.4



#46
 Dibromomethane
 Concen: 19.388 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

Tgt Ion: 93 Resp: 54905
 Ion Ratio Lower Upper
 93 100
 95 80.3 66.4 99.6
 174 82.6 67.2 100.8





#47

Bromodichloromethane

Concen: 18.820 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD02

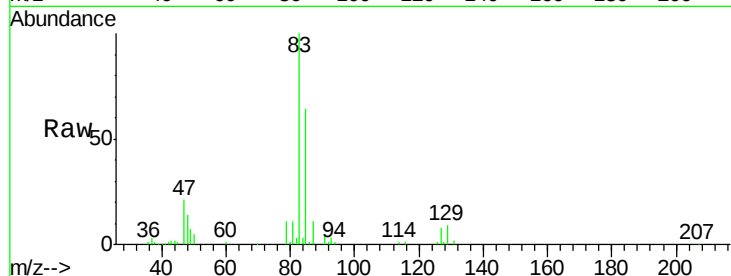
Tot Ion: 83 Resp: 114595

Ion Ratio Lower Upper

83 100

85 63.6 51.2 76.8

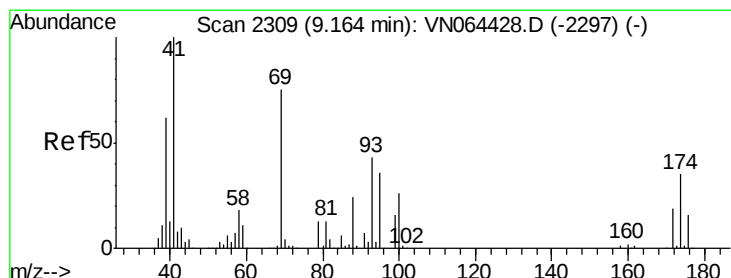
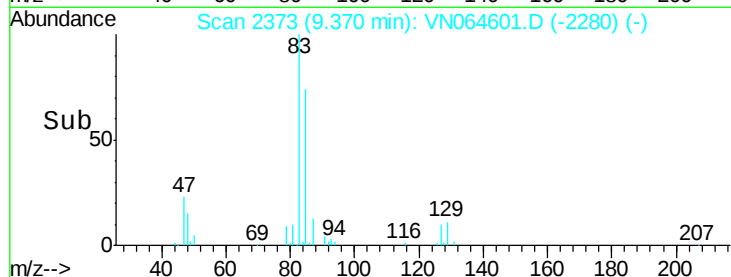
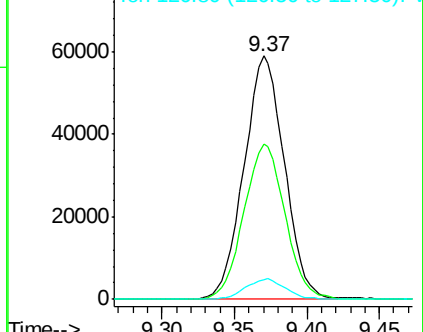
127 8.3 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064601.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064601.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064601.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.112 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

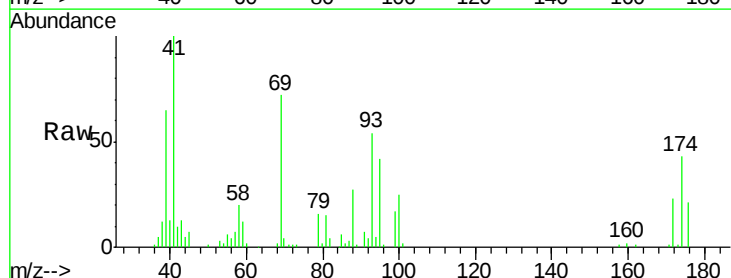
Tgt Ion: 41 Resp: 81265

Ion Ratio Lower Upper

41 100

69 75.7 60.4 90.6

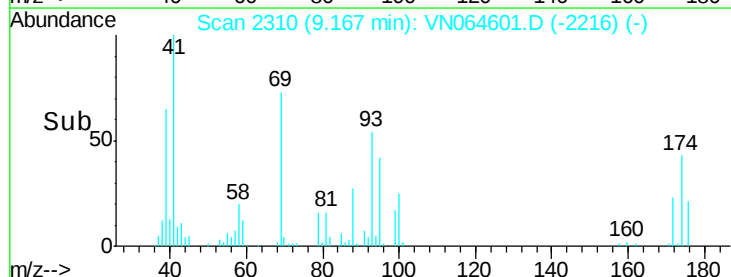
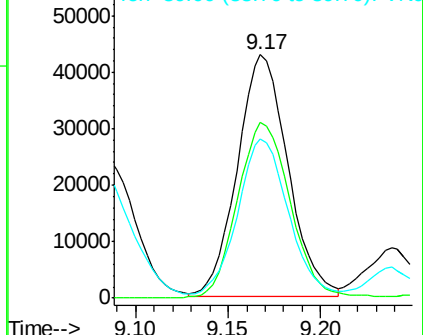
39 66.2 51.2 76.8

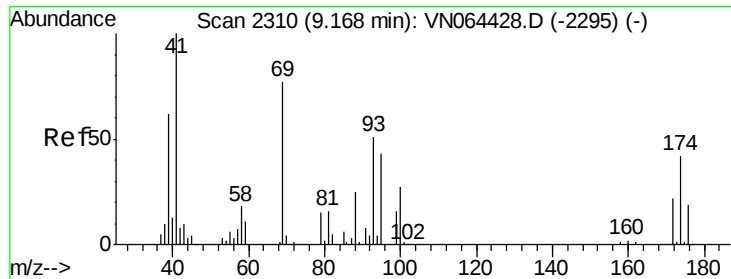


Abundance Ion 41.00 (40.70 to 41.70): VN064601.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064601.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064601.D (-2216) (-)

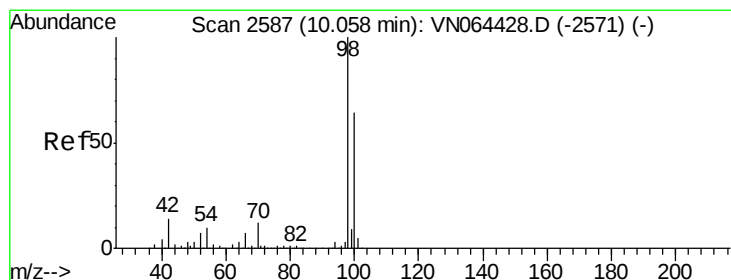
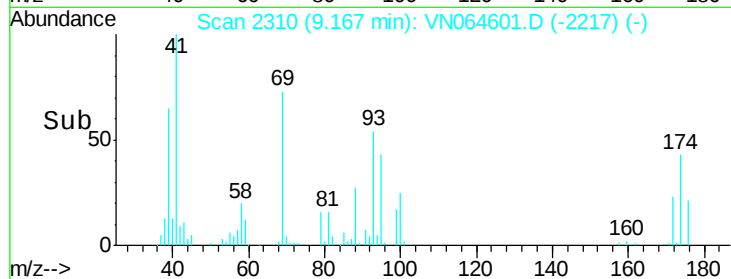
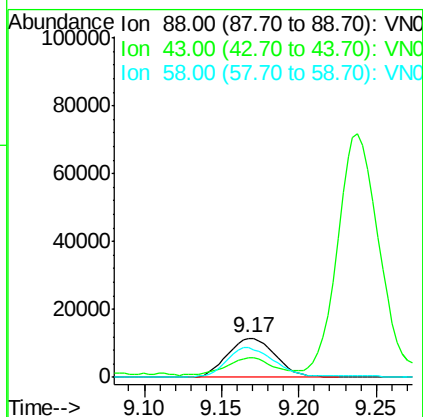
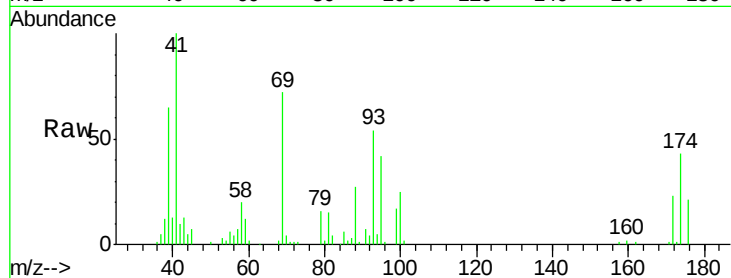




#49
1,4-Dioxane
Concen: 420.447 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

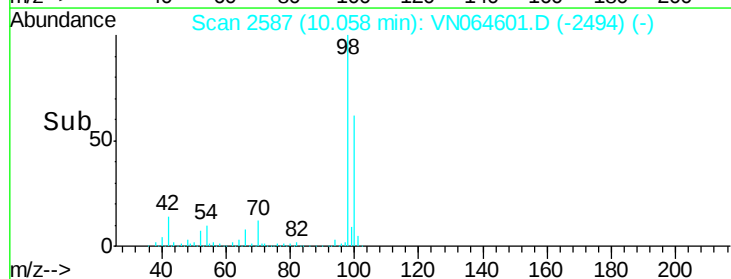
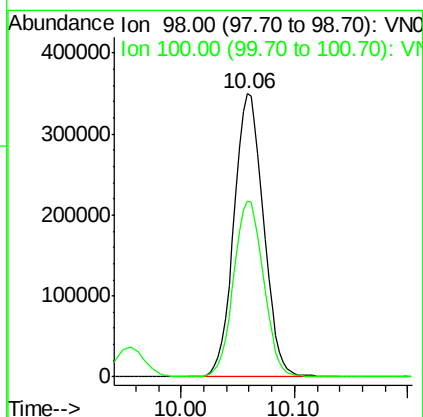
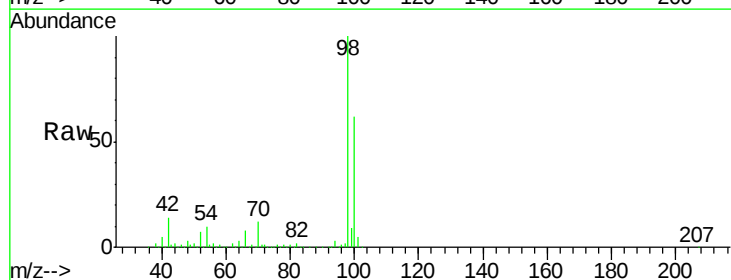
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD02

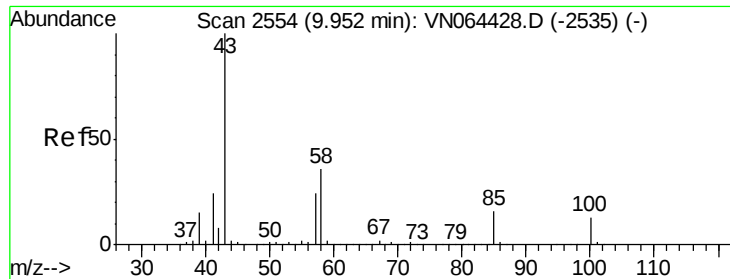
Tot Ion: 88 Resp: 24847
Ion Ratio Lower Upper
88 100
43 43.1 31.0 46.6
58 75.3 58.4 87.6



#50
Toluene-d8
Concen: 46.700 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion: 98 Resp: 638250
Ion Ratio Lower Upper
98 100
100 62.7 50.7 76.1

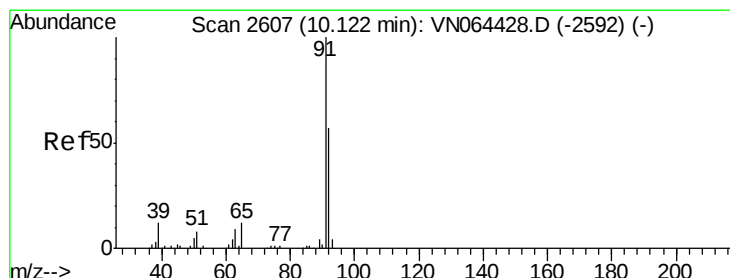
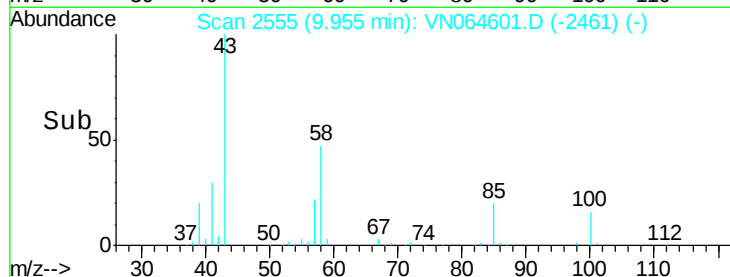
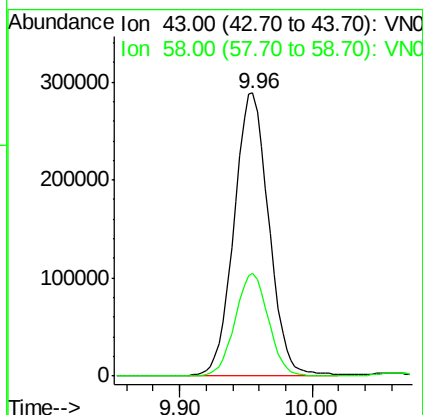
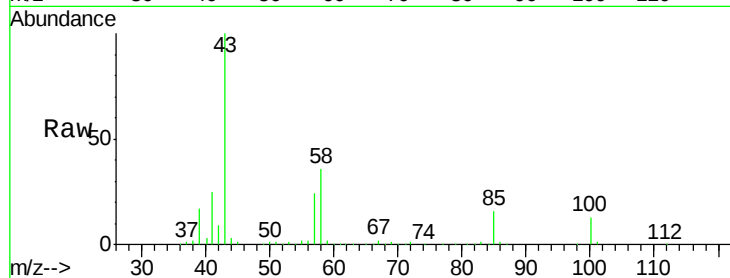




#51
4-Methyl-2-Pentanone
Concen: 100.731 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

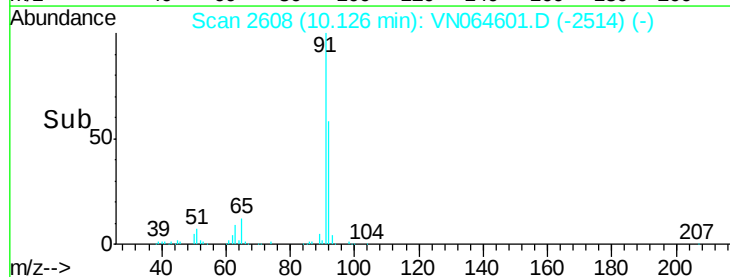
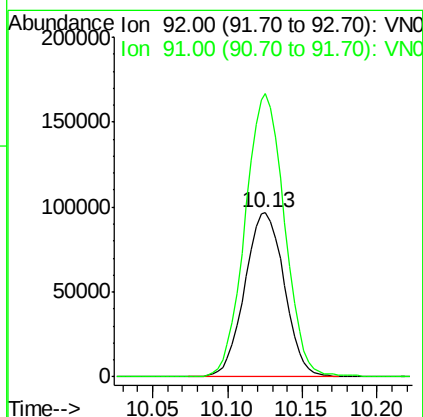
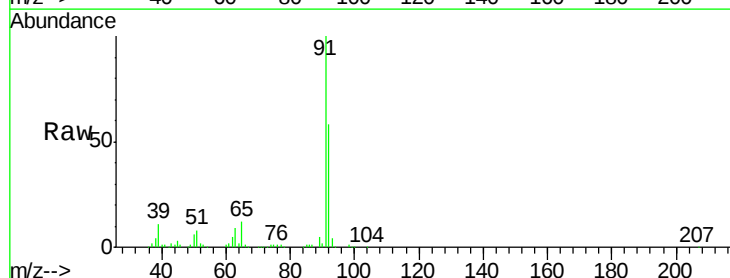
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD02

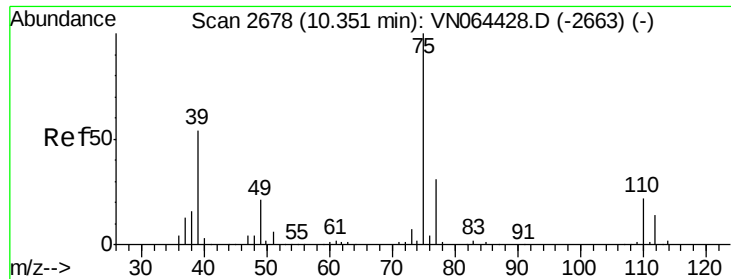
Tot Ion: 43 Resp: 522326
Ion Ratio Lower Upper
43 100
58 35.3 28.4 42.6



#52
Toluene
Concen: 18.104 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion: 92 Resp: 178024
Ion Ratio Lower Upper
92 100
91 172.0 139.6 209.4

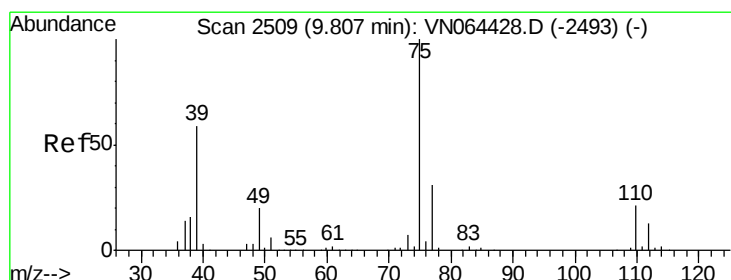
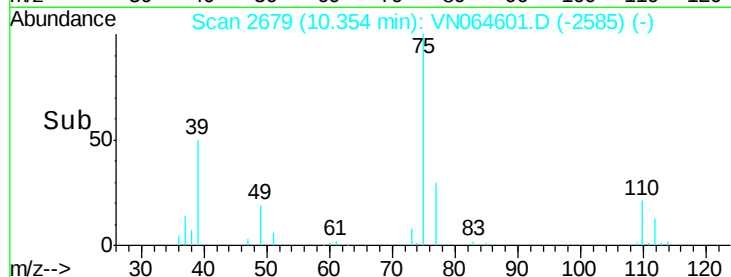
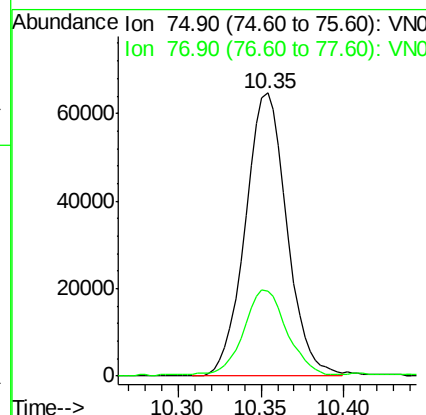
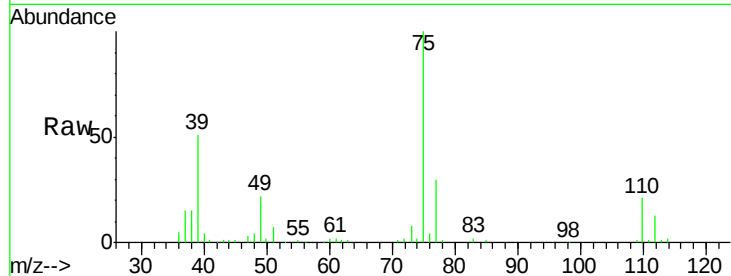




#53
 t-1,3-Dichloropropene
 Concen: 17.521 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

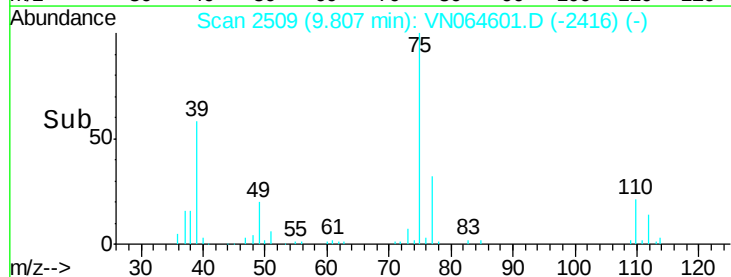
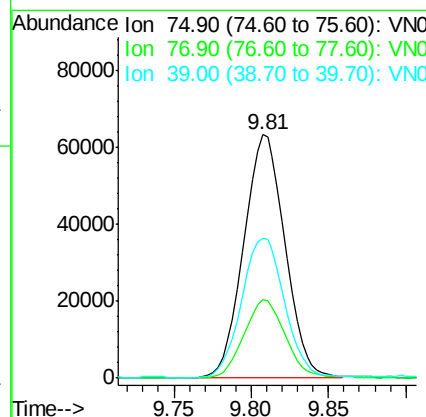
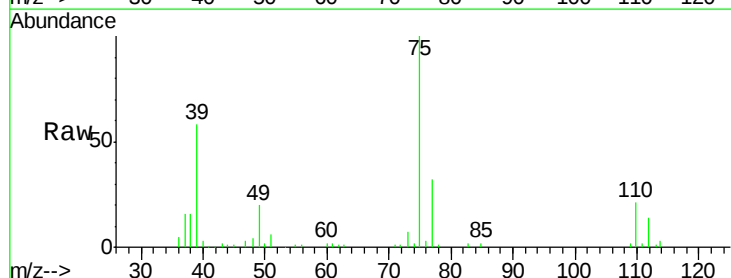
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD02

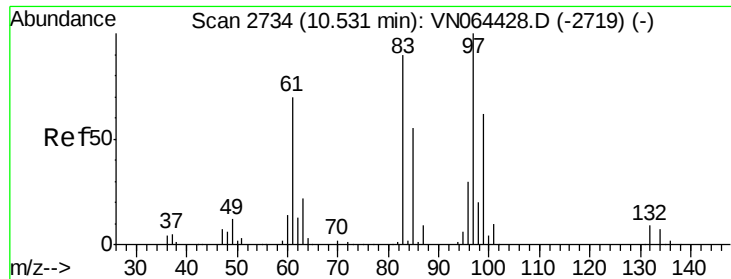
Tot Ion: 75 Resp: 113108
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 17.085 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

Tgt Ion: 75 Resp: 117922
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.9 37.3
 39 57.2 47.1 70.7

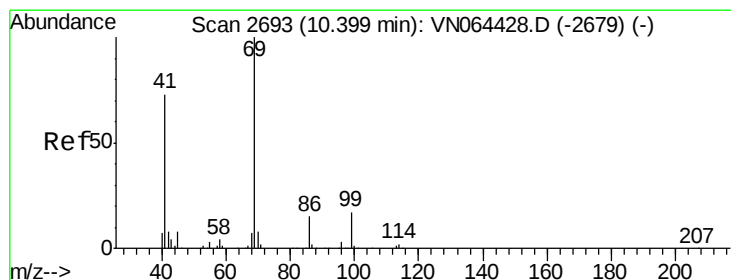
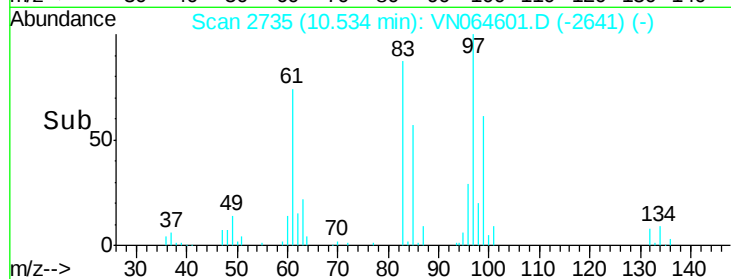
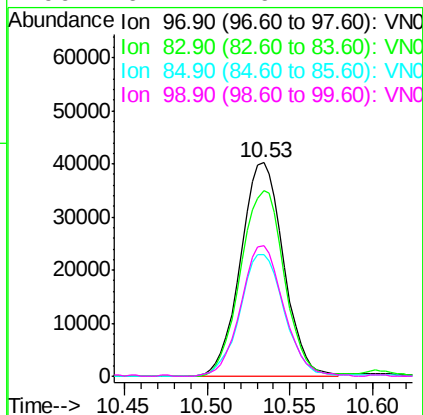
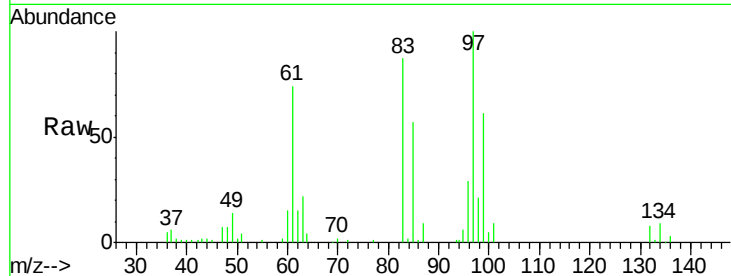




#55
 1,1,2-Trichloroethane
 Concen: 18.884 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

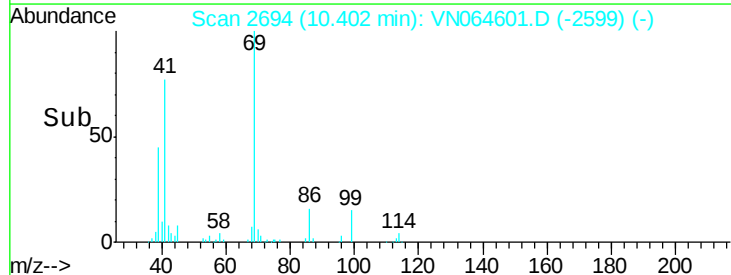
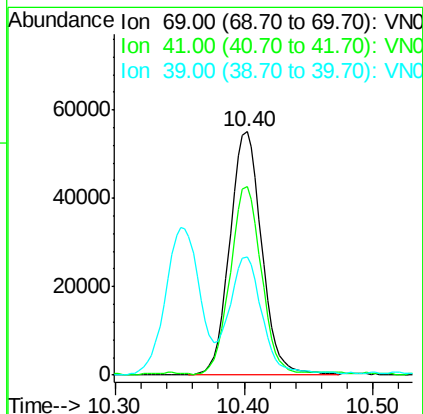
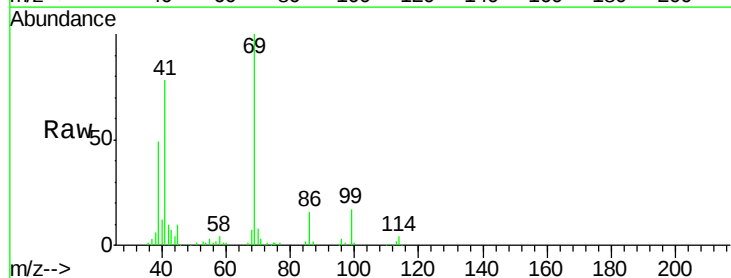
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD02

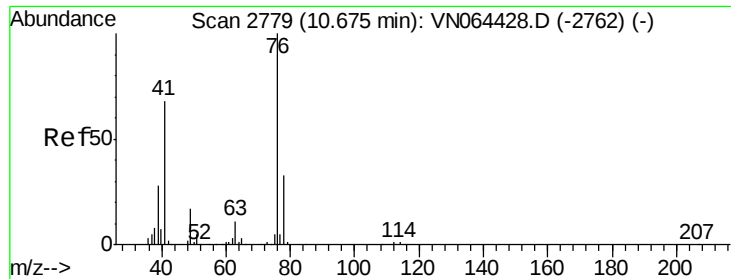
Tot Ion: 97 Resp: 72420
 Ion Ratio Lower Upper
 97 100
 83 86.9 71.7 107.5
 85 57.2 44.3 66.5
 99 61.4 49.4 74.2



#56
 Ethyl methacrylate
 Concen: 16.352 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

Tgt Ion: 69 Resp: 95059
 Ion Ratio Lower Upper
 69 100
 41 74.9 59.3 88.9
 39 48.4 35.4 53.0





#57

1,3-Dichloropropane

Concen: 18.589 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

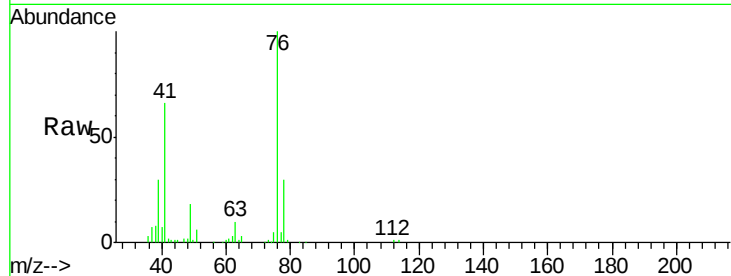
VN1112WBSD02

Tot Ion: 76 Resp: 124432

Ion Ratio Lower Upper

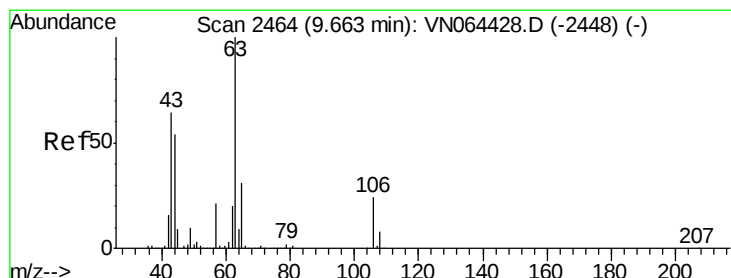
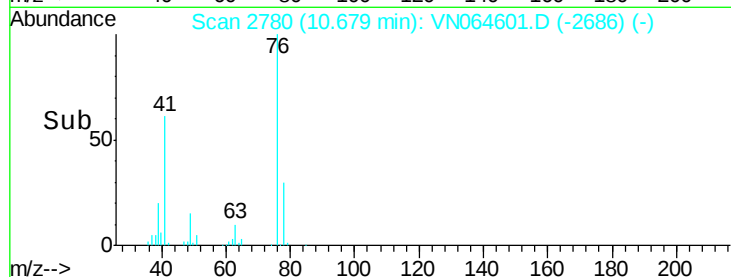
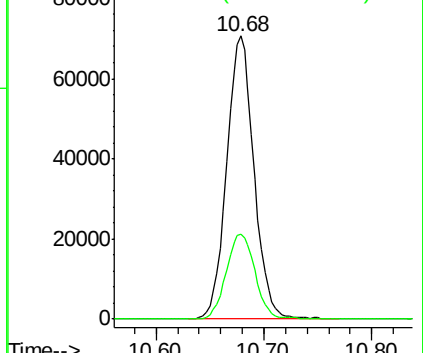
76 100

78 31.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 102.447 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN064601.D

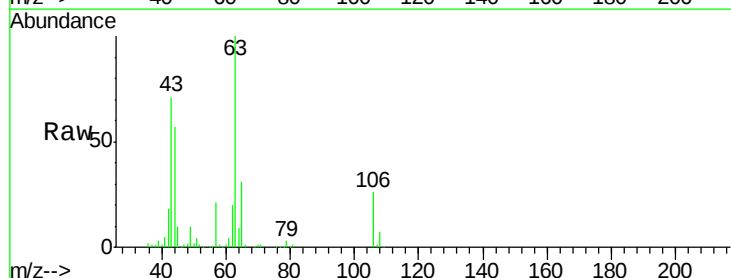
Acq: 13 Nov 2020 00:31

Tgt Ion: 63 Resp: 263969

Ion Ratio Lower Upper

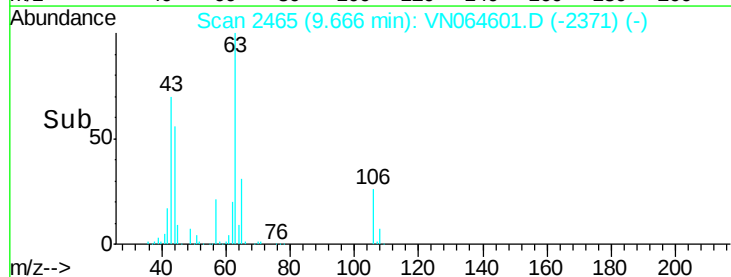
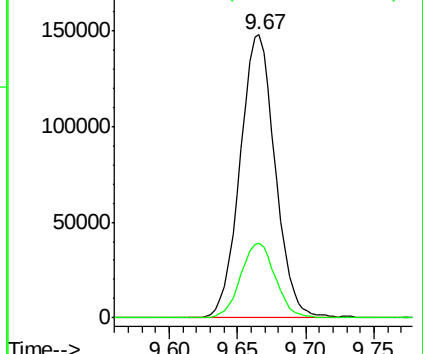
63 100

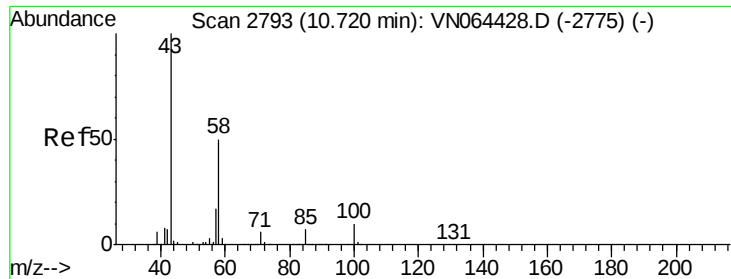
106 26.1 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

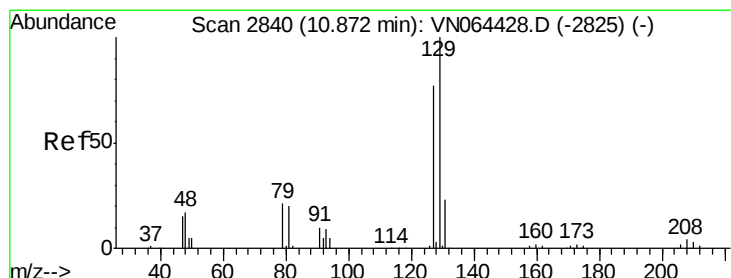
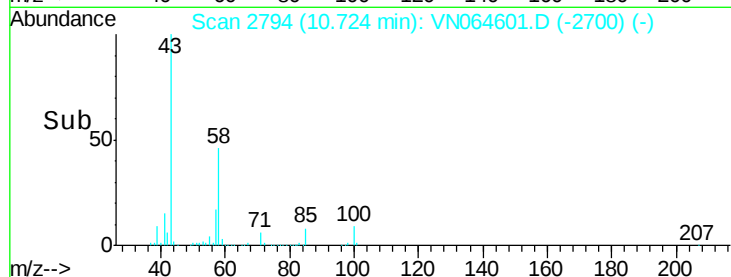
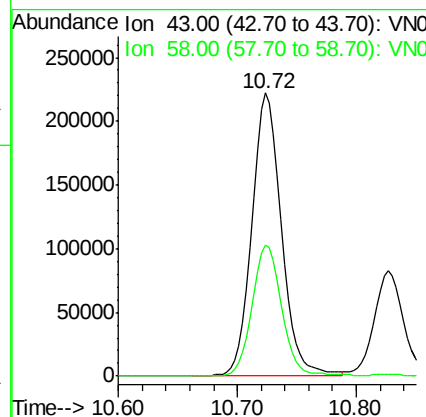
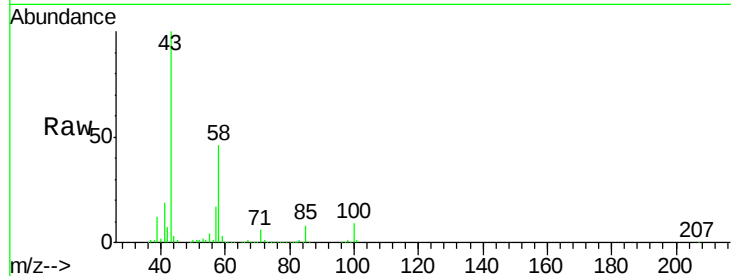




#59
2-Hexanone
Concen: 92.128 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

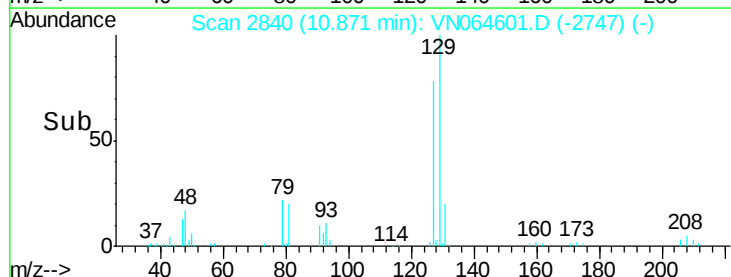
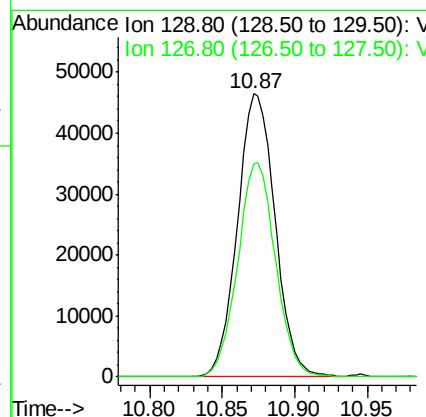
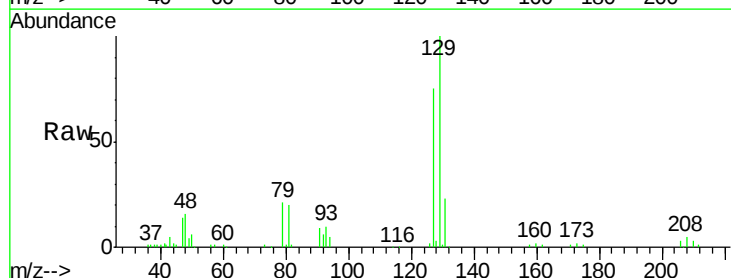
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD02

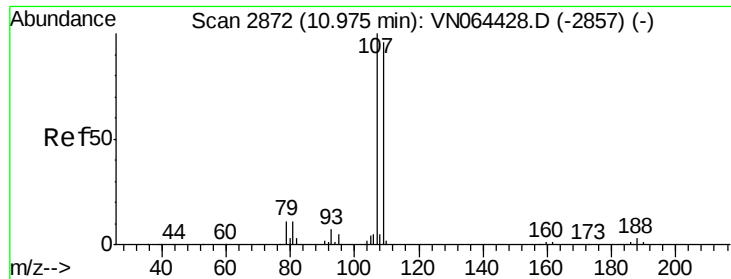
Tot Ion: 43 Resp: 378618
Ion Ratio Lower Upper
43 100
58 47.1 24.7 74.1



#60
Dibromochloromethane
Concen: 19.543 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion: 129 Resp: 83910
Ion Ratio Lower Upper
129 100
127 75.8 38.9 116.7

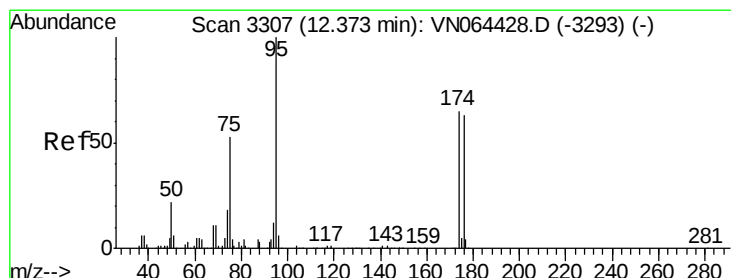
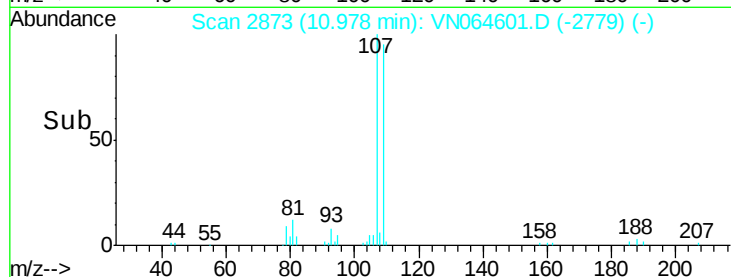
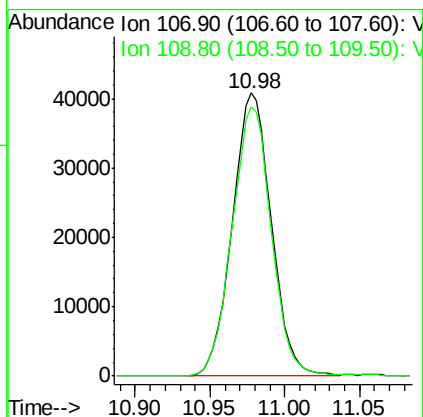
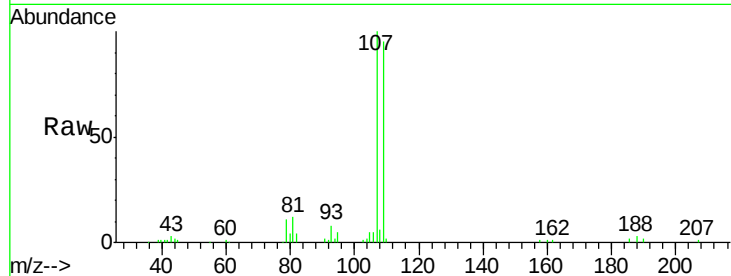




#61
 1,2-Dibromoethane
 Concen: 19.016 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

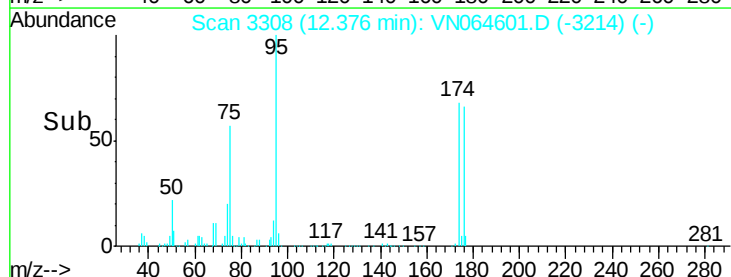
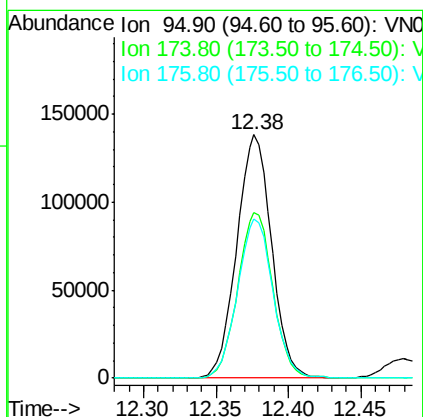
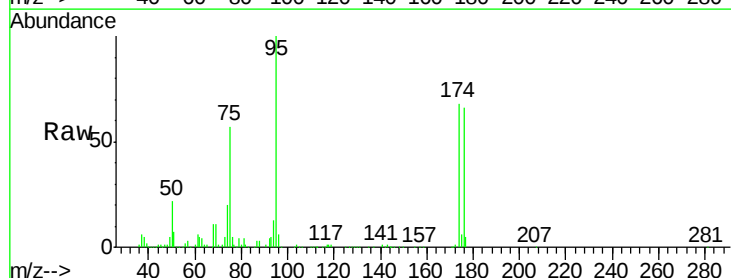
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD02

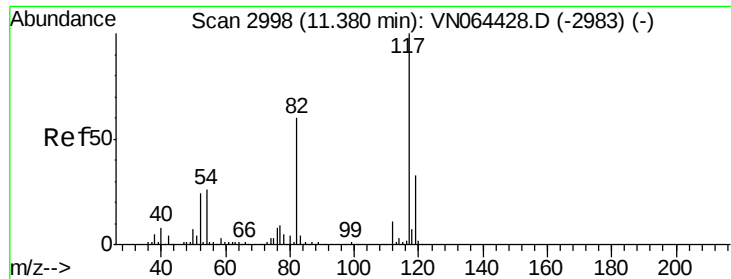
Tot Ion:107 Resp: 73971
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 44.586 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

Tgt Ion: 95 Resp: 230455
 Ion Ratio Lower Upper
 95 100
 174 68.6 0.0 132.6
 176 66.8 0.0 129.2

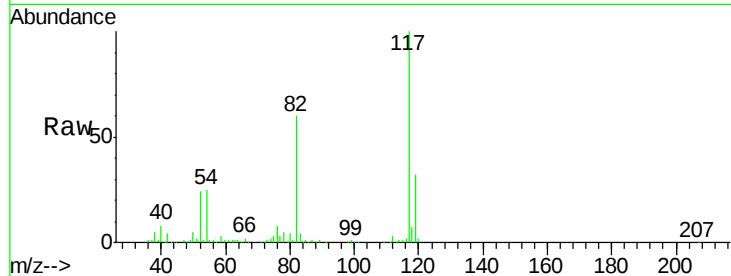




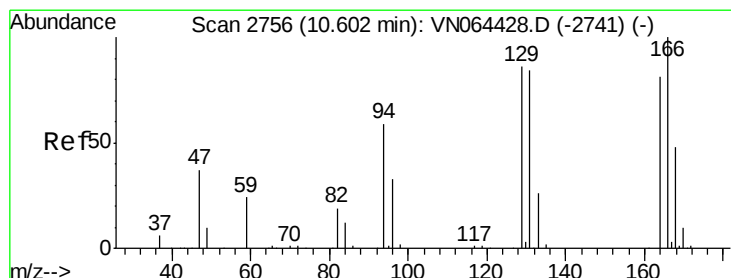
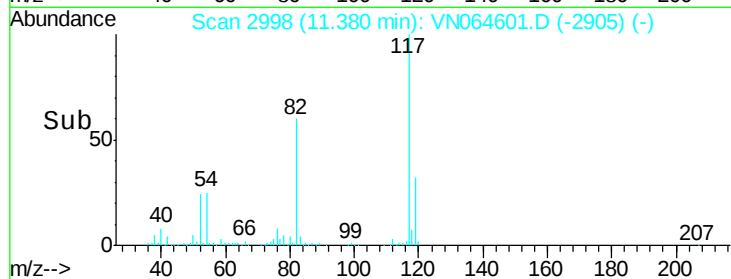
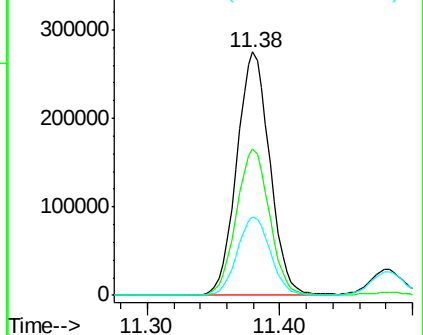
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD02

Tot Ion:117 Resp: 475946
Ion Ratio Lower Upper
117 100
82 60.3 48.1 72.1
119 32.1 26.2 39.4

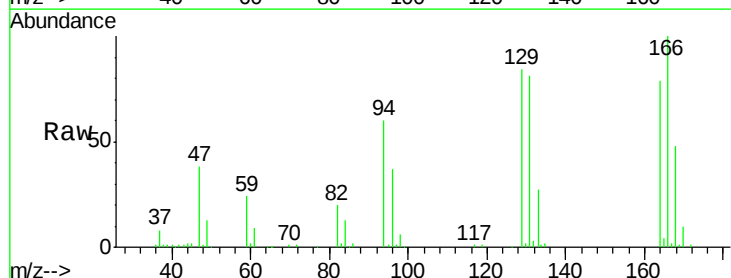


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

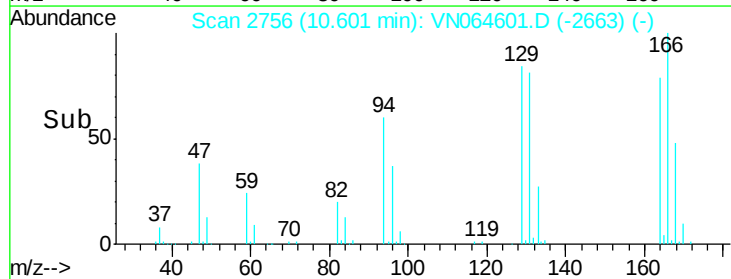
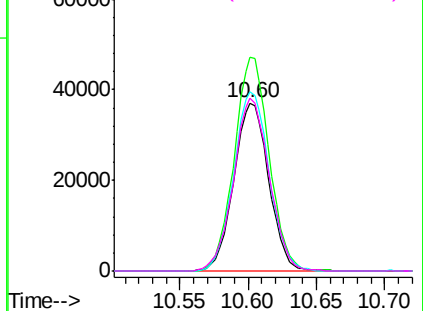


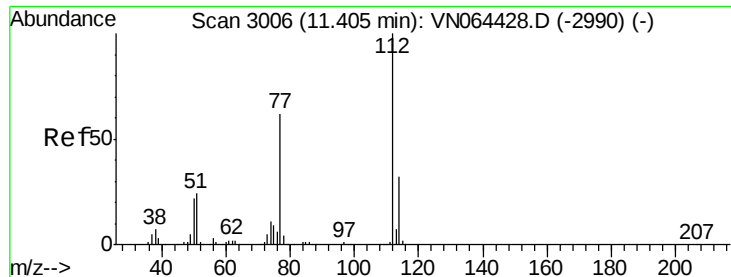
#64
Tetrachloroethene
Concen: 17.935 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion:164 Resp: 65752
Ion Ratio Lower Upper
164 100
166 126.9 98.2 147.2
129 106.7 84.6 127.0
131 102.3 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: 18.037 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

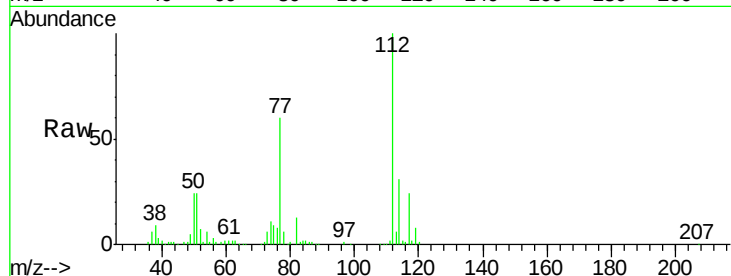
VN1112WBSD02

Tot Ion:112 Resp: 188194

Ion Ratio Lower Upper

112 100

114 31.0 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

120000

100000

80000

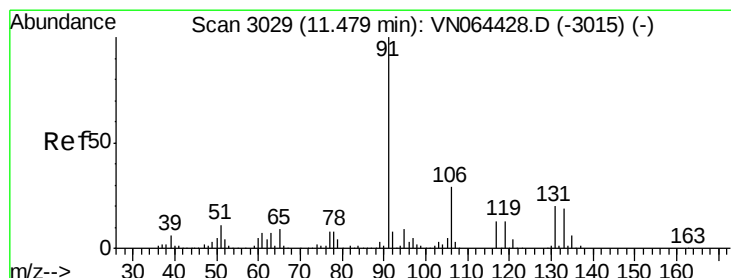
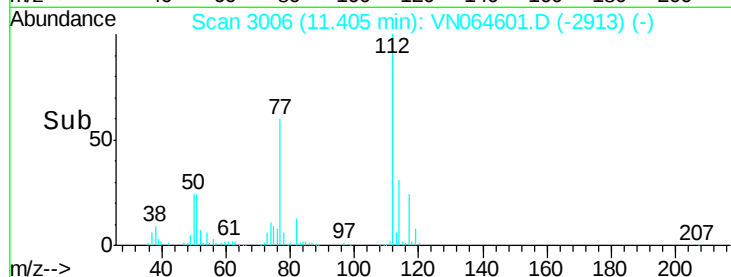
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.995 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

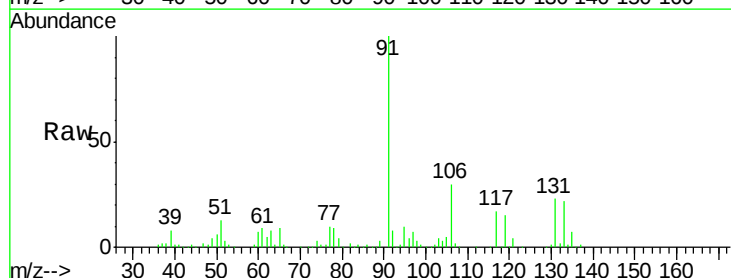
Tgt Ion:131 Resp: 73936

Ion Ratio Lower Upper

131 100

133 93.2 46.9 140.7

119 63.3 32.1 96.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

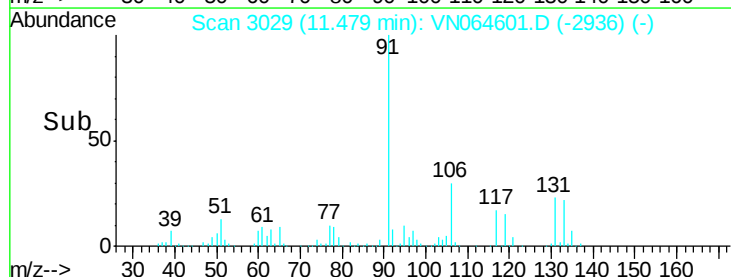
60000

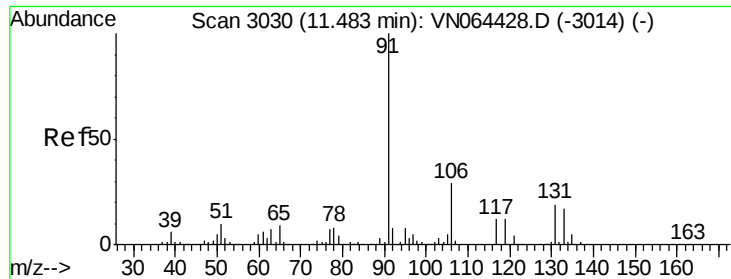
40000

20000

0

Time-->

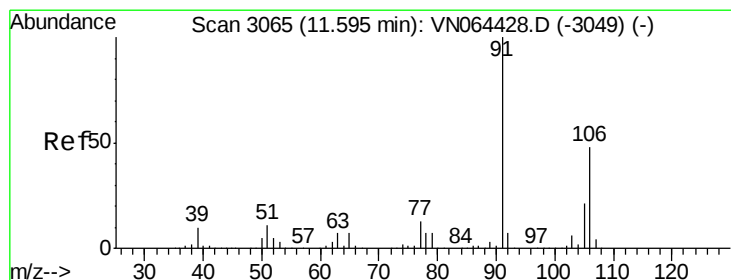
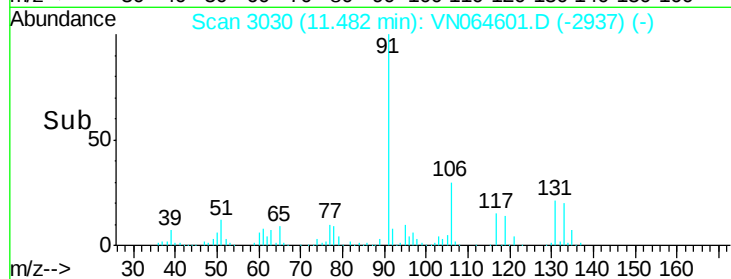
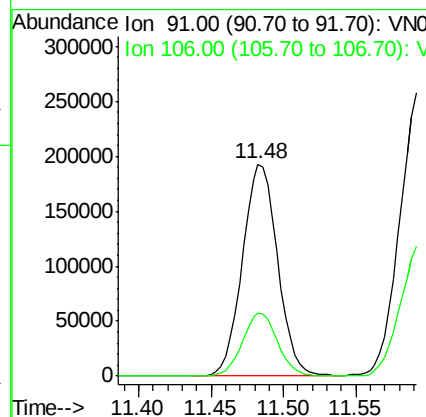
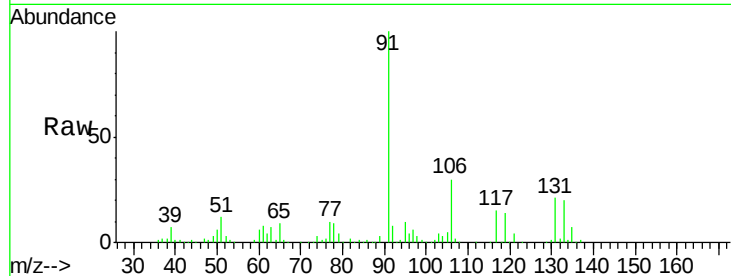




#67
Ethyl Benzene
Concen: 17.547 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

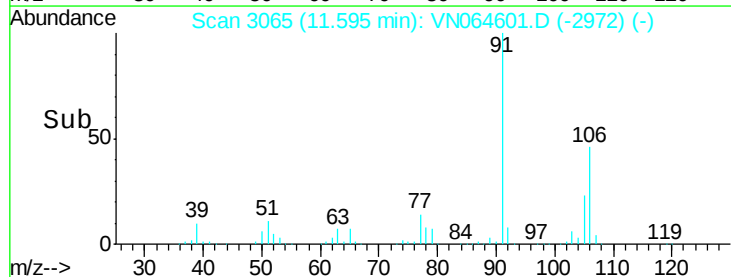
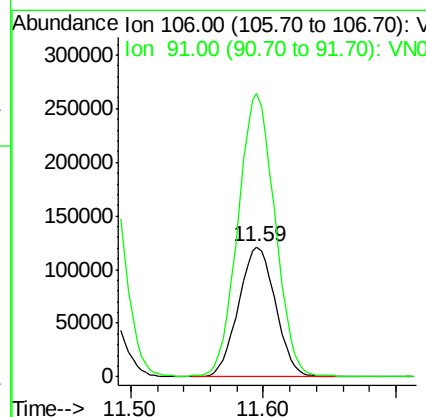
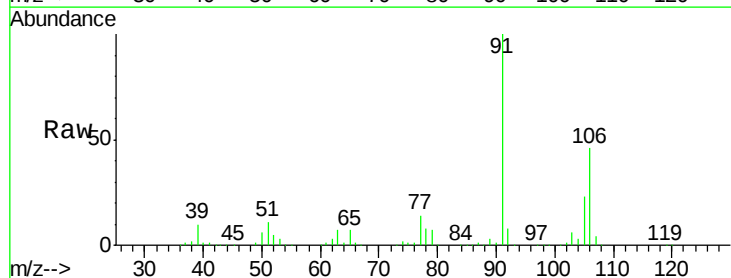
Instrument :
MSVOA_N
ClientSampleID :
VN1112WBSD02

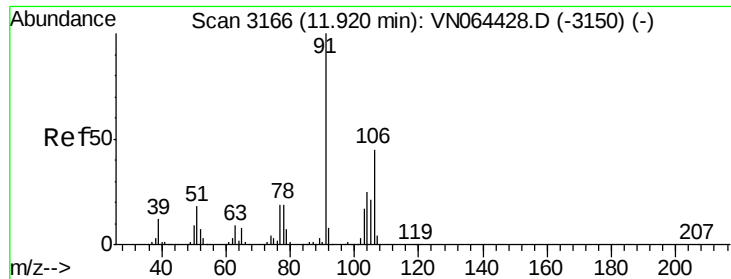
Tot Ion: 91 Resp: 325653
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4



#68
m/p-Xylenes
Concen: 34.821 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion: 106 Resp: 234364
Ion Ratio Lower Upper
106 100
91 216.5 169.4 254.2

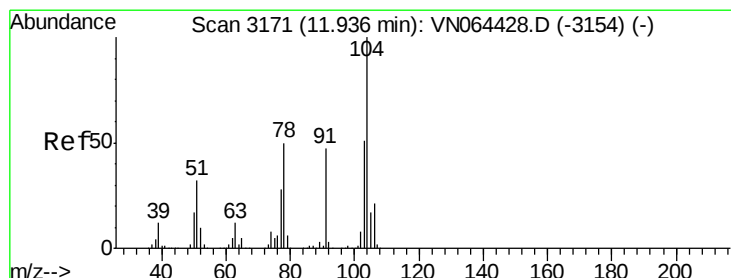
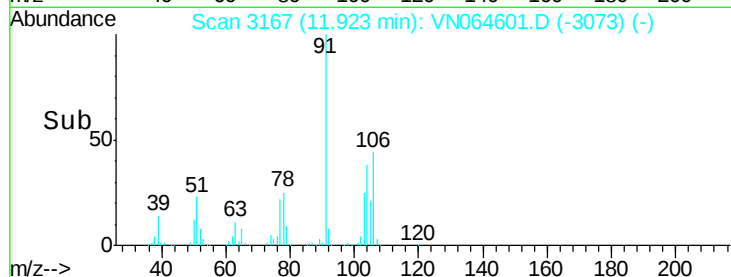
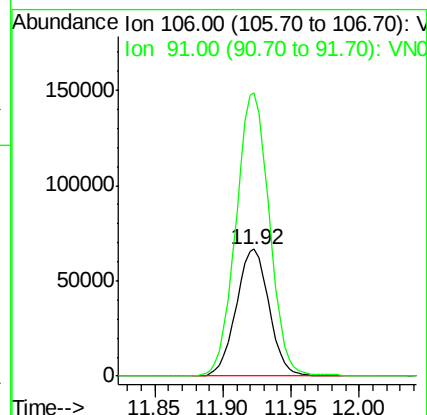
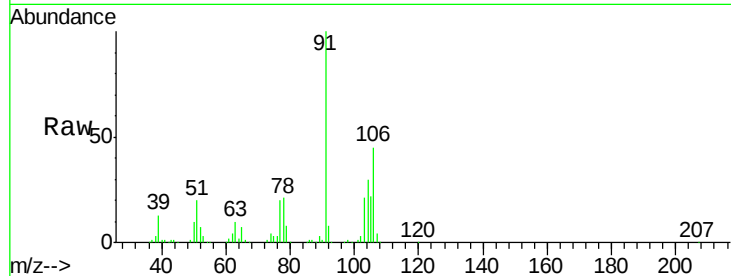




#69
o-Xylene
Concen: 17.200 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

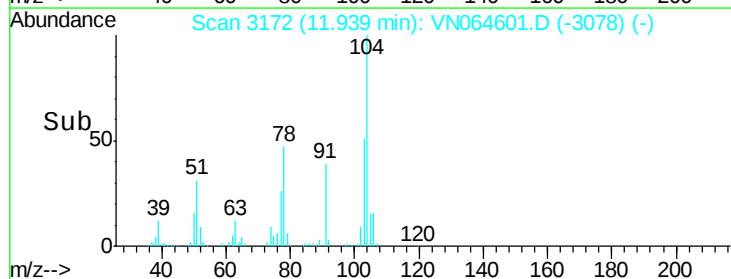
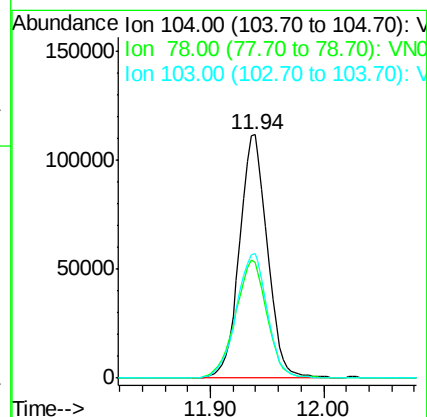
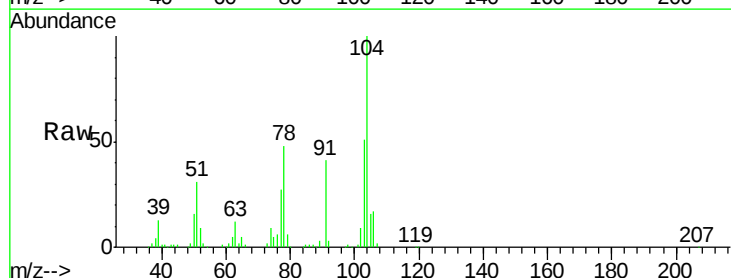
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD02

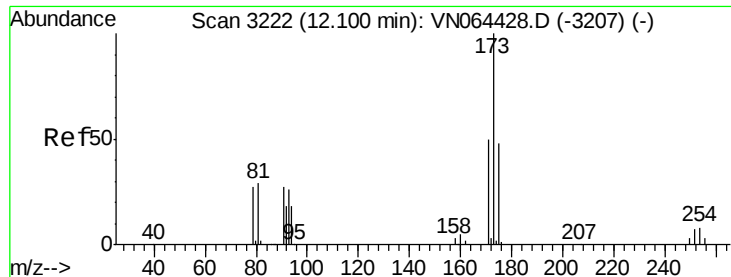
Tot Ion:106 Resp: 111867
Ion Ratio Lower Upper
106 100
91 225.6 111.7 334.9



#70
Styrene
Concen: 17.558 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion:104 Resp: 192161
Ion Ratio Lower Upper
104 100
78 54.3 44.0 66.0
103 56.9 43.8 65.6





#71

Bromoform

Concen: 18.879 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD02

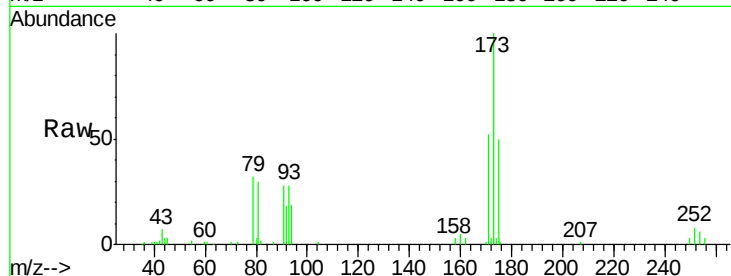
Tot Ion:173 Resp: 52798

Ion Ratio Lower Upper

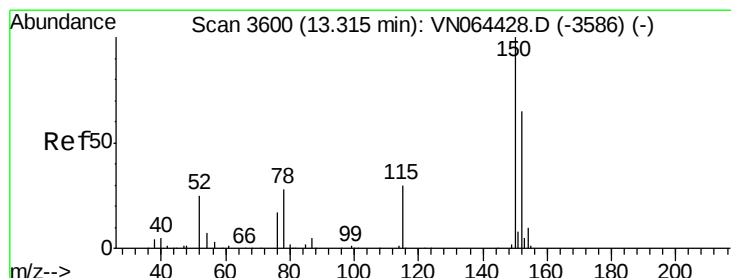
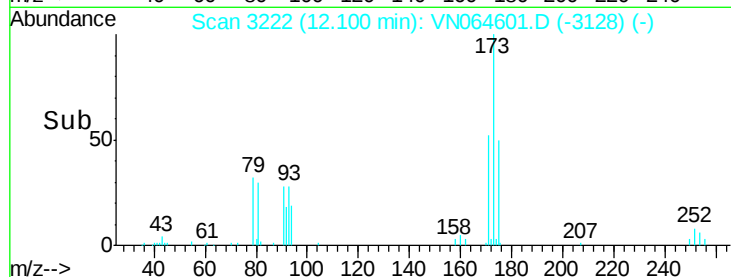
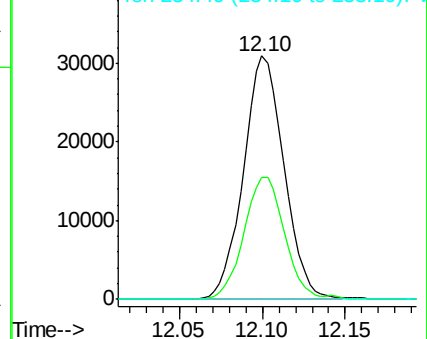
173 100

175 50.0 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: VN064601.D

Acq: 13 Nov 2020 00:31

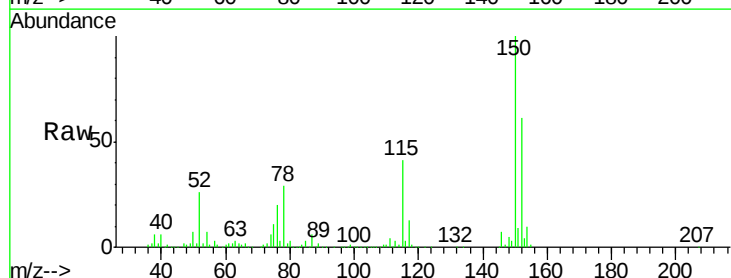
Tgt Ion:152 Resp: 211780

Ion Ratio Lower Upper

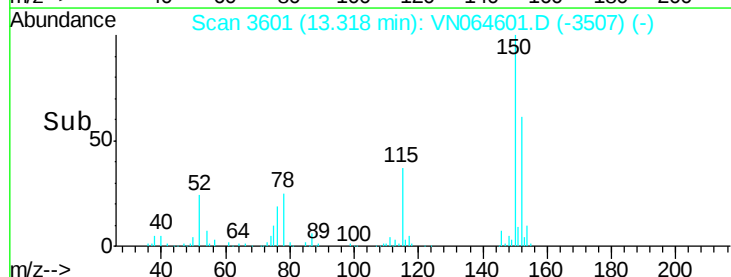
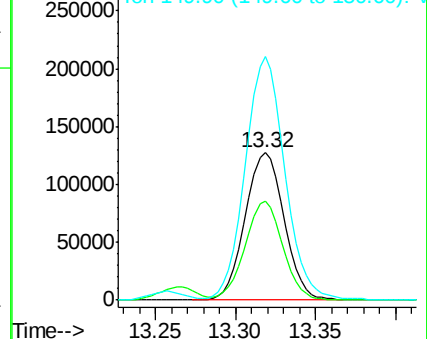
152 100

115 64.4 32.0 96.0

150 167.4 0.0 353.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.426 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

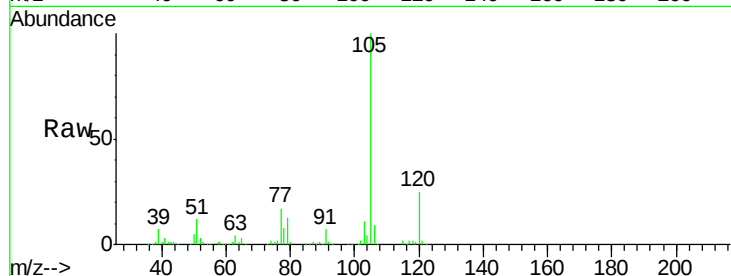
VN1112WBSD02

Tot Ion:105 Resp: 293338

Ion Ratio Lower Upper

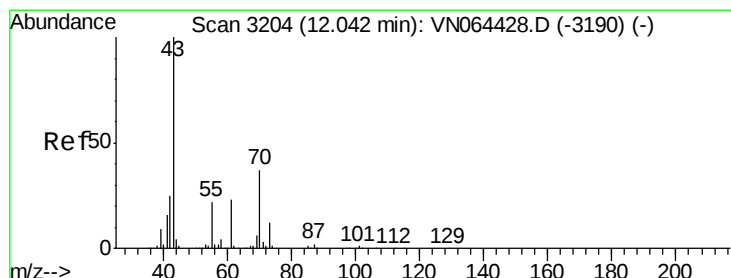
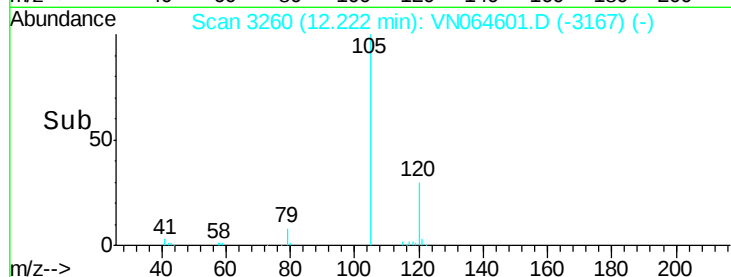
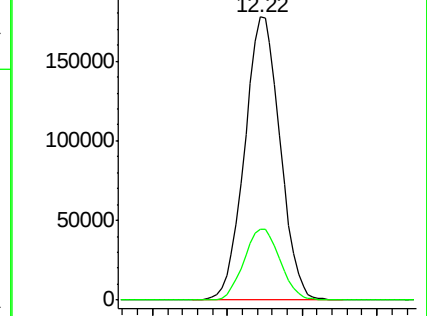
105 100

120 25.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.644 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Tgt Ion: 43 Resp: 129103

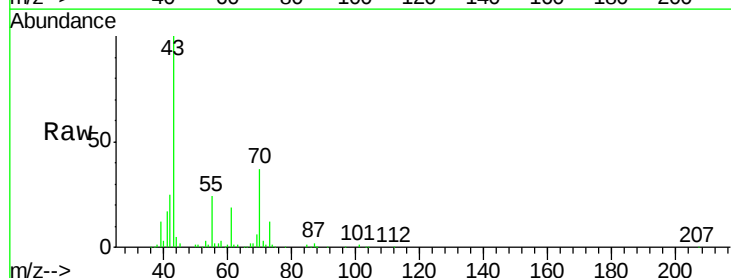
Ion Ratio Lower Upper

43 100

70 36.1 29.6 44.4

55 24.8 18.4 27.6

61 21.0 17.8 26.6

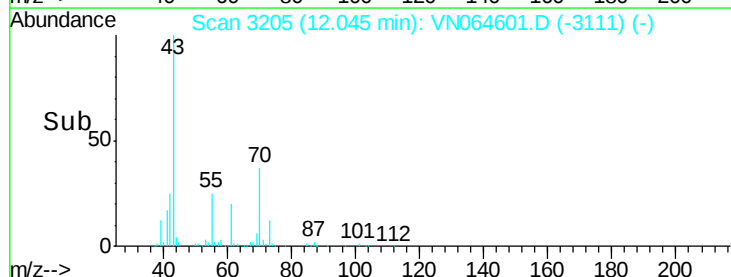
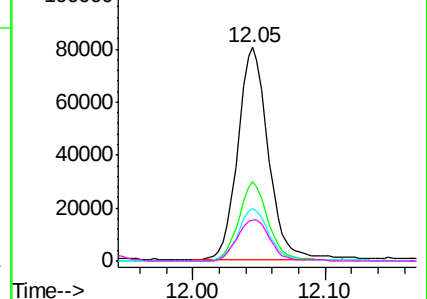


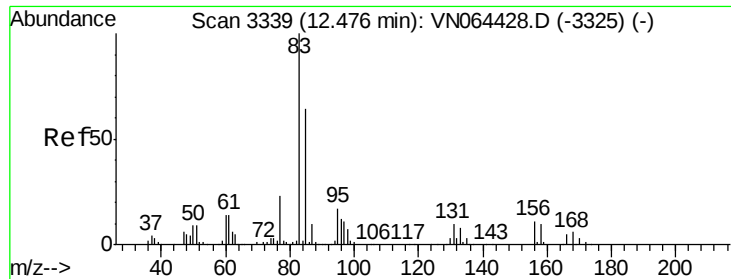
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.921 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD02

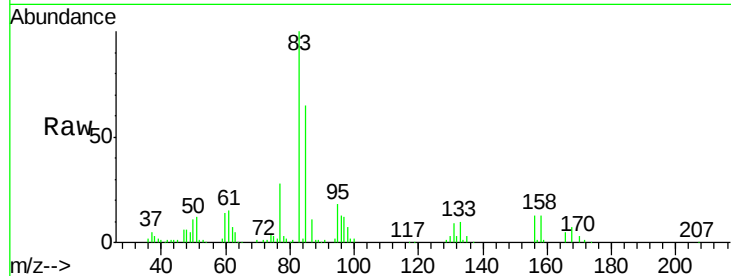
Tot Ion: 83 Resp: 102999

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

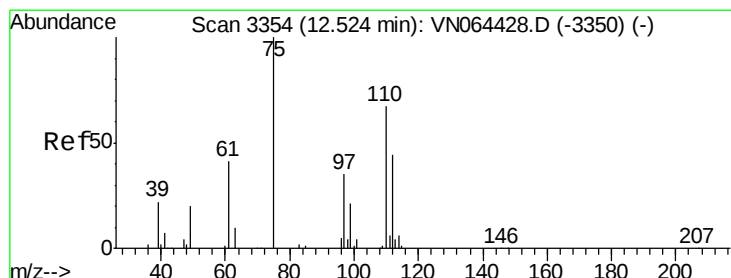
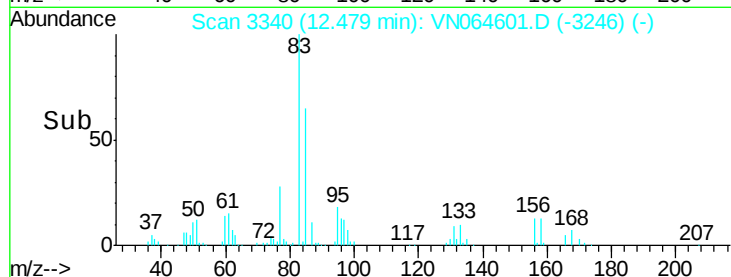
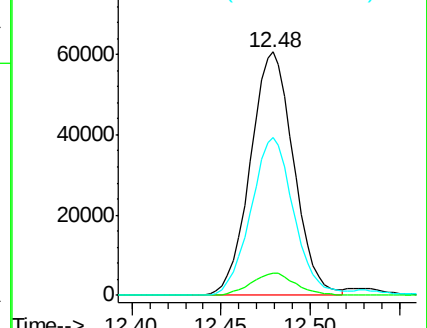
85 64.4 32.1 96.5



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

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

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



#76

1,2,3-Trichloropropane

Concen: 27.210 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064601.D

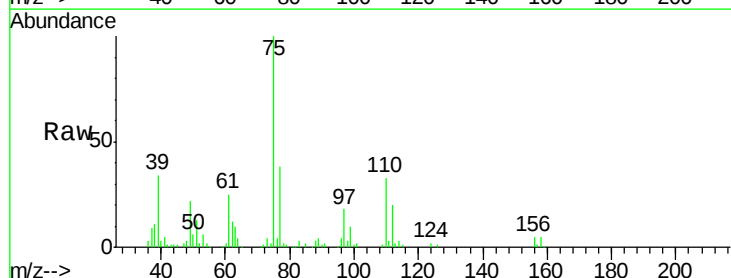
Acq: 13 Nov 2020 00:31

Tgt Ion: 75 Resp: 139621

Ion Ratio Lower Upper

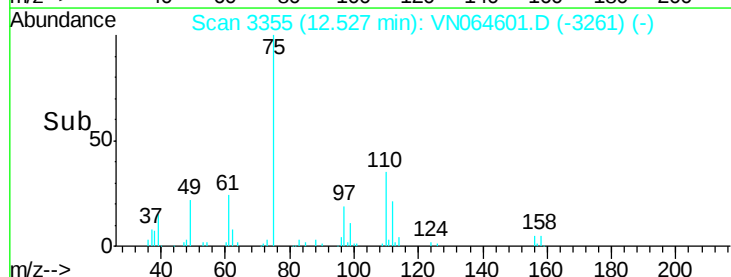
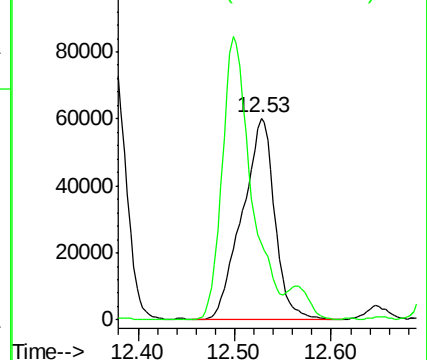
75 100

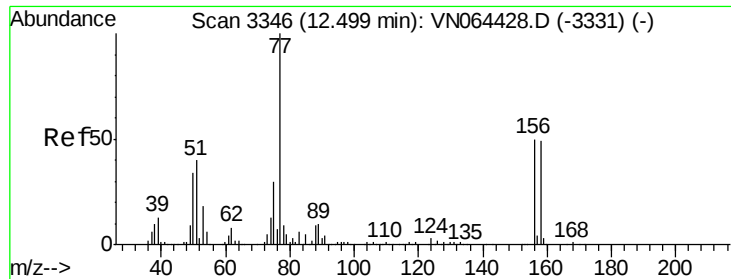
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 17.900 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD02

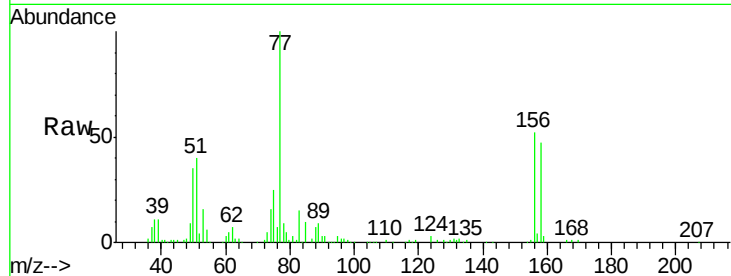
Tot Ion:156 Resp: 73562

Ion Ratio Lower Upper

156 100

77 241.6 119.0 357.0

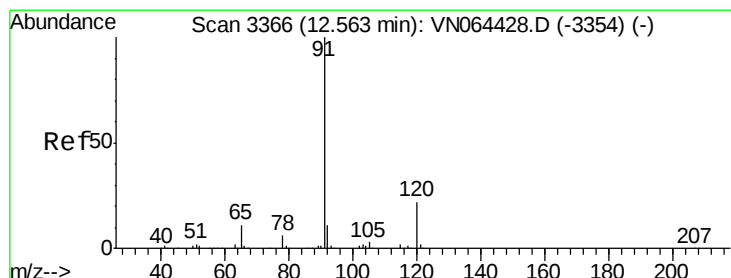
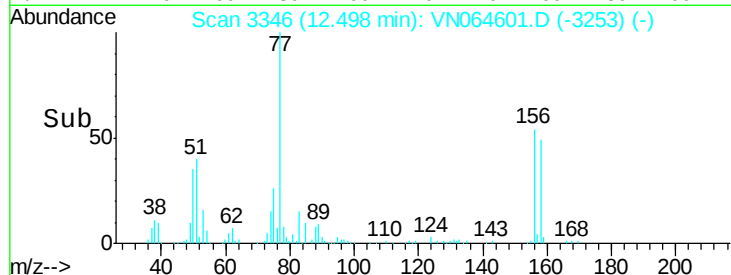
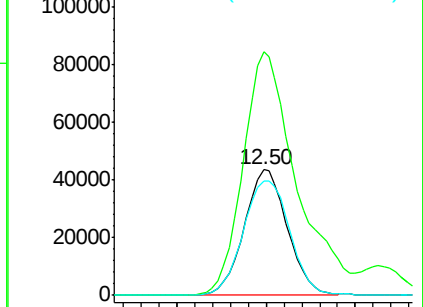
158 99.4 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.609 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064601.D

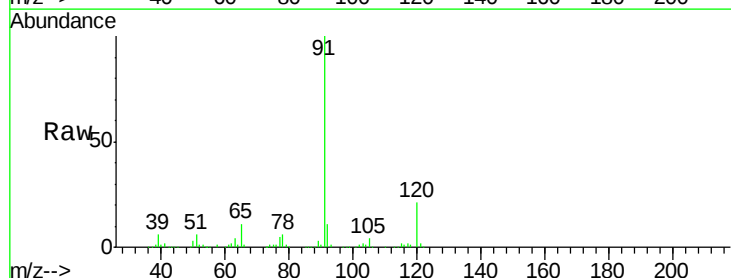
Acq: 13 Nov 2020 00:31

Tgt Ion: 91 Resp: 337928

Ion Ratio Lower Upper

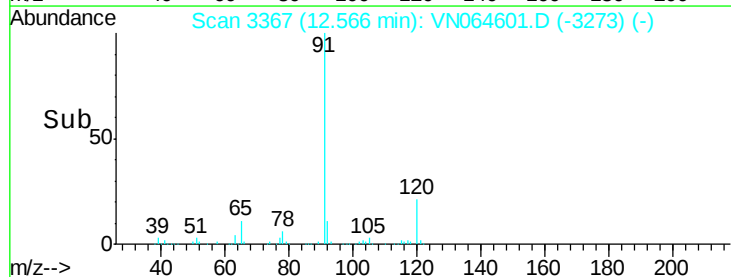
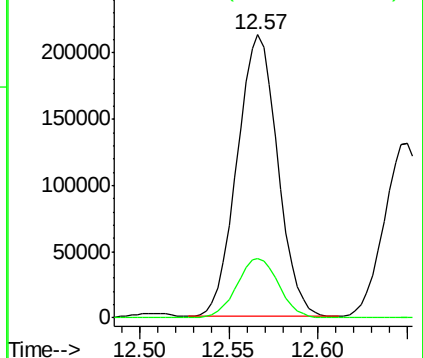
91 100

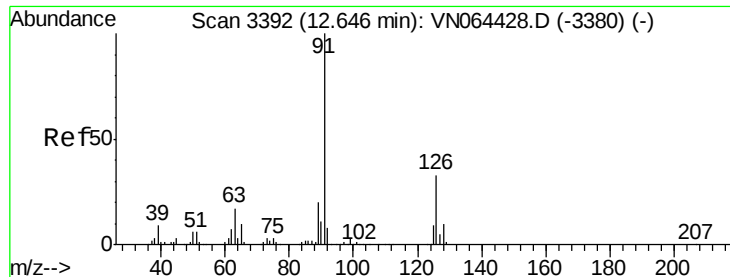
120 21.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.981 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

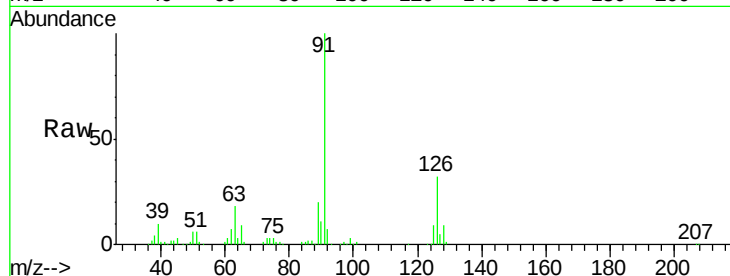
VN1112WBSD02

Tot Ion: 91 Resp: 218863

Ion Ratio Lower Upper

91 100

126 32.6 16.4 49.1



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

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

200000

150000

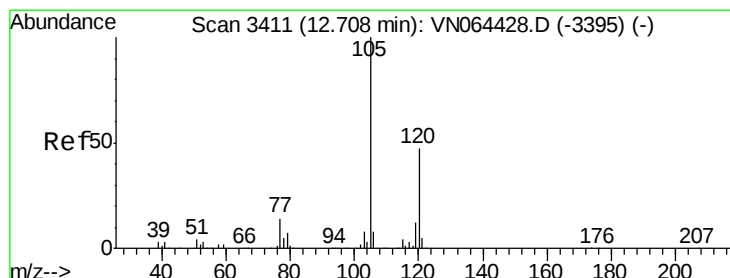
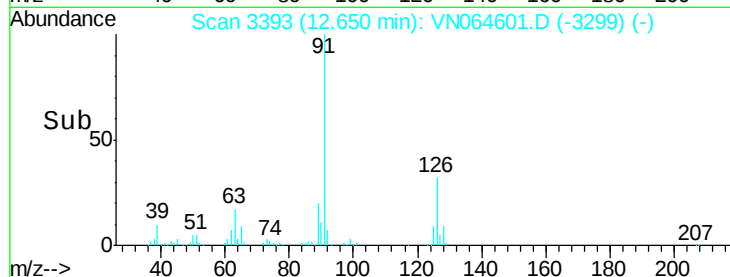
100000

50000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.067 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064601.D

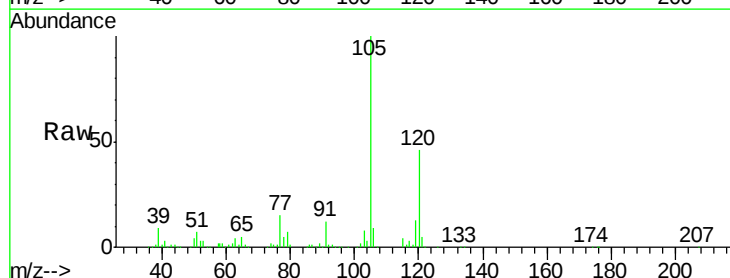
Acq: 13 Nov 2020 00:31

Tgt Ion: 105 Resp: 250887

Ion Ratio Lower Upper

105 100

120 46.1 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) (-)

150000

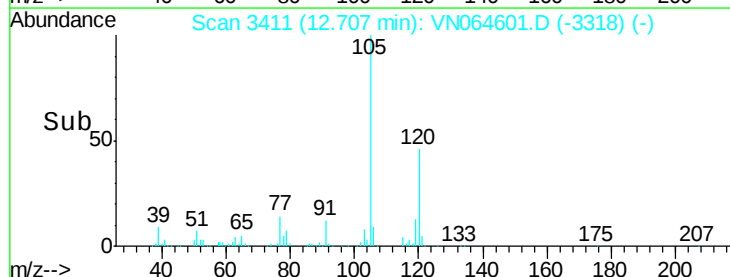
100000

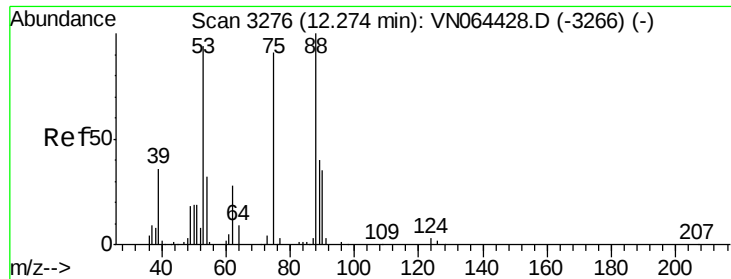
50000

0

12.65 12.70 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 17.249 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD02

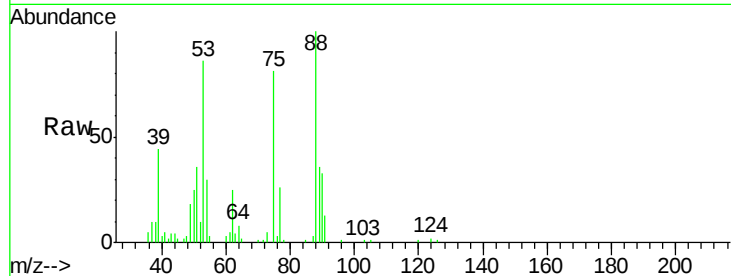
Tot Ion: 75 Resp: 31699

Ion Ratio Lower Upper

75 100

53 114.8 84.0 126.0

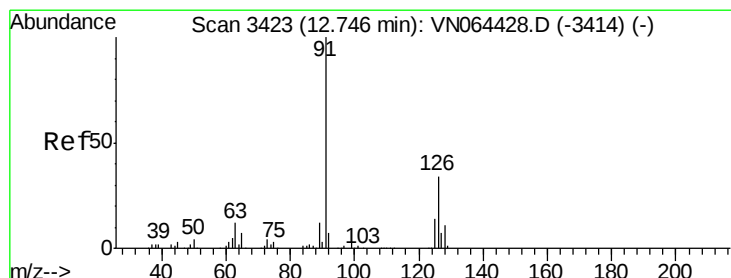
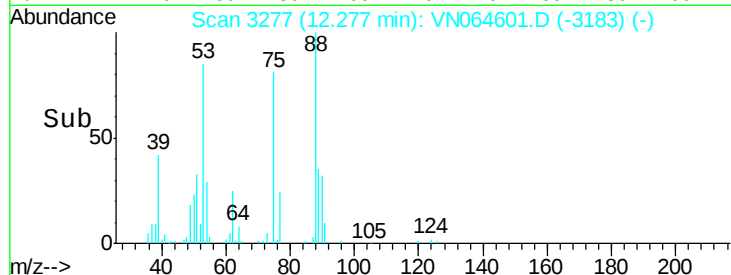
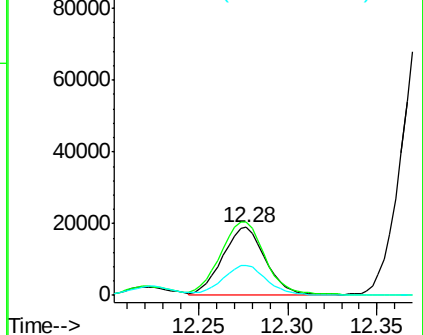
89 45.1 36.3 54.5



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: 17.717 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064601.D

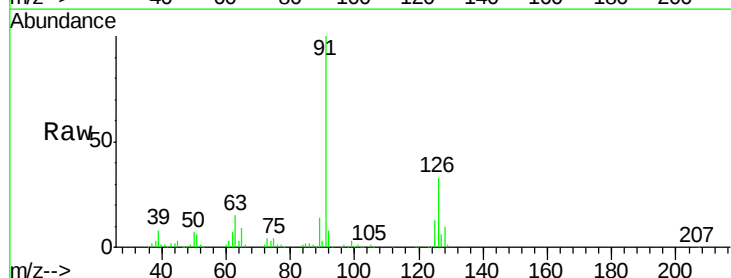
Acq: 13 Nov 2020 00:31

Tgt Ion: 91 Resp: 225831

Ion Ratio Lower Upper

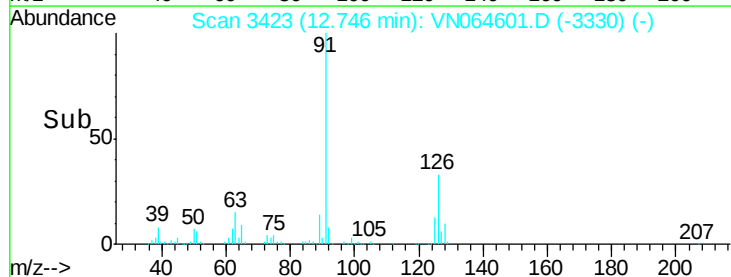
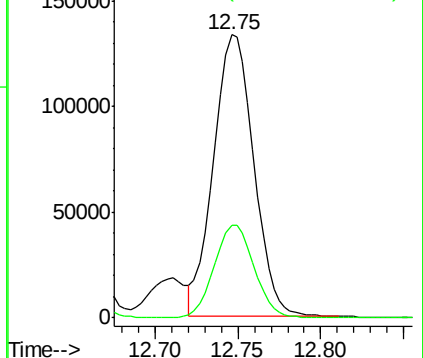
91 100

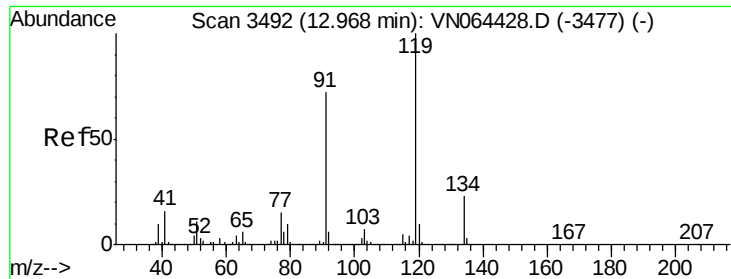
126 32.5 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

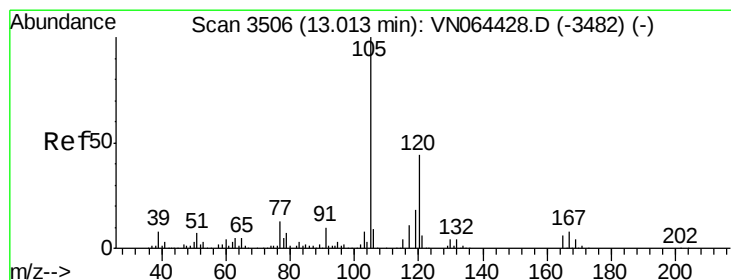
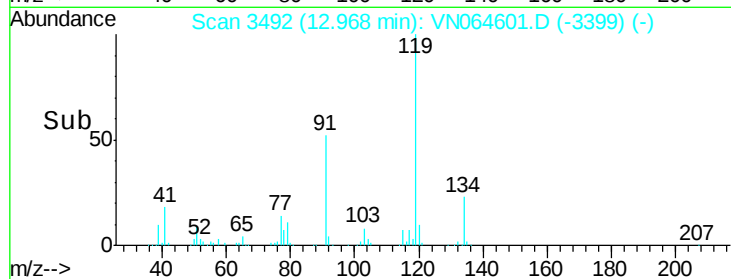
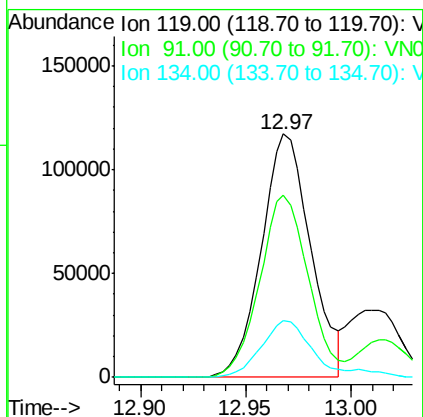
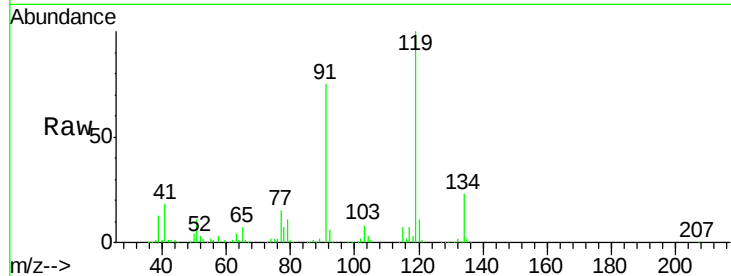




#83
 tert-Butylbenzene
 Concen: 17.554 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

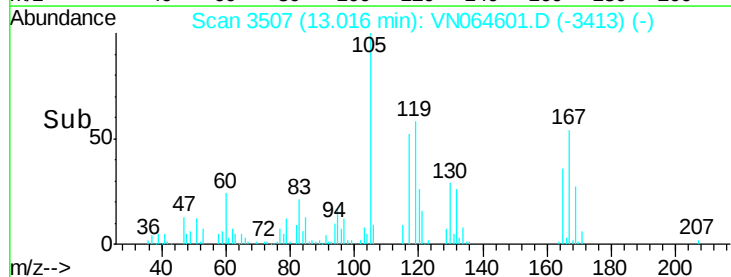
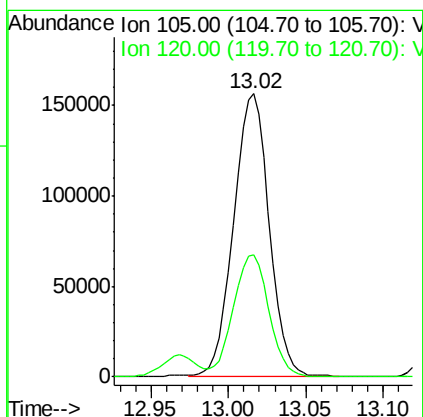
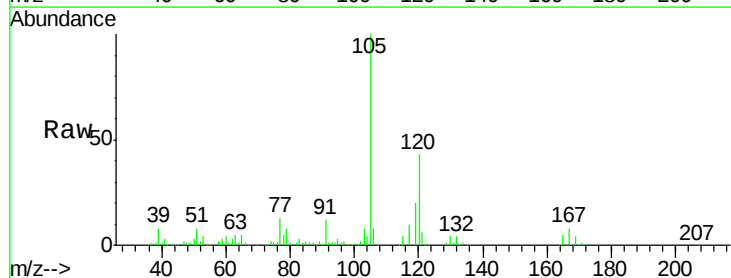
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD02

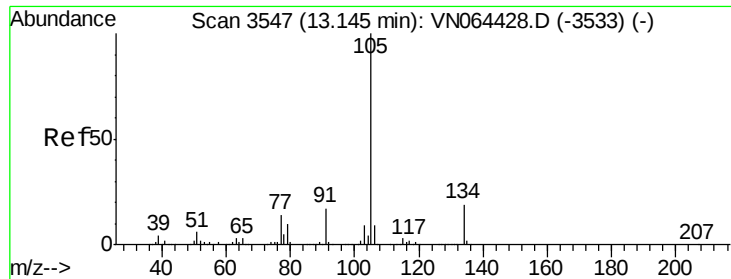
Tot Ion:119 Resp: 190389
 Ion Ratio Lower Upper
 119 100
 91 73.7 36.1 108.3
 134 25.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 17.723 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

Tgt Ion:105 Resp: 247409
 Ion Ratio Lower Upper
 105 100
 120 43.6 21.9 65.7





#85

sec-Butylbenzene

Concen: 18.470 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

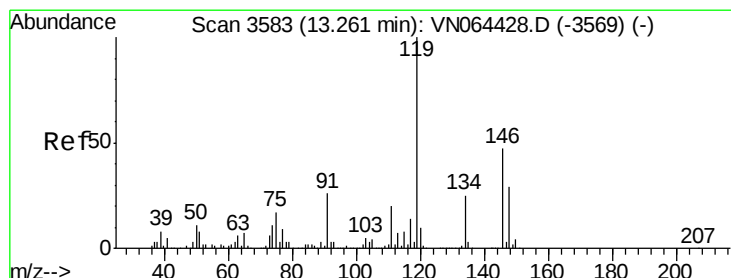
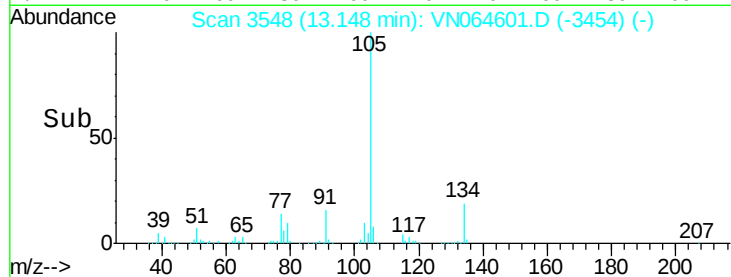
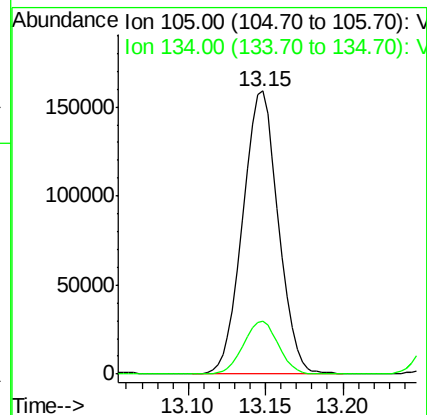
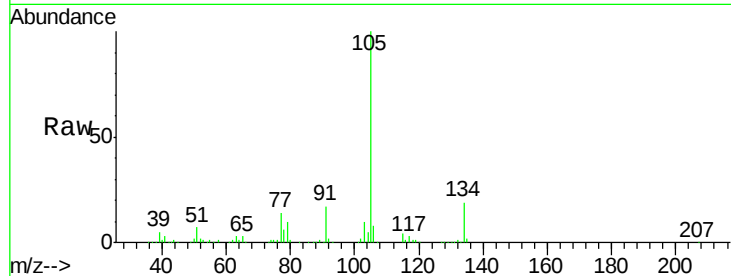
VN1112WBSD02

Tot Ion:105 Resp: 253697

Ion Ratio Lower Upper

105 100

134 18.6 9.4 28.2



#86

p-Isopropyltoluene

Concen: 18.368 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

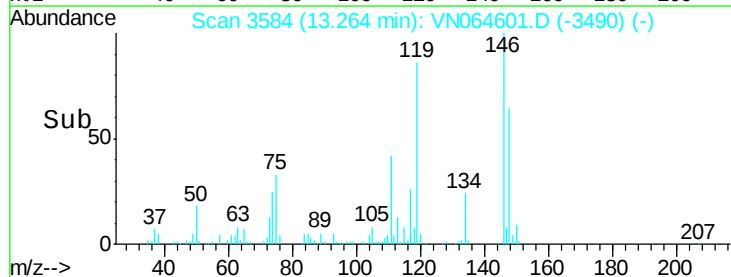
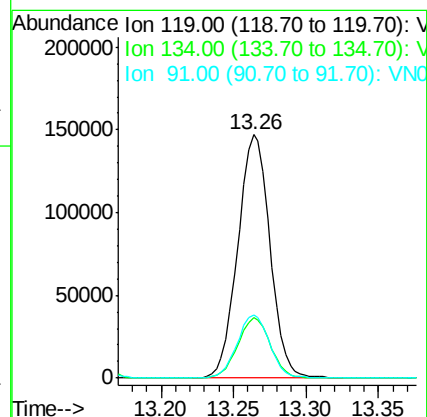
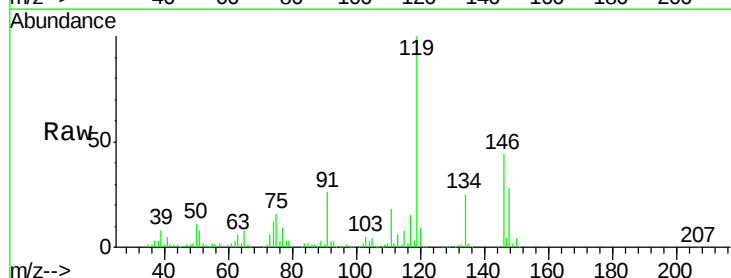
Tgt Ion:119 Resp: 226943

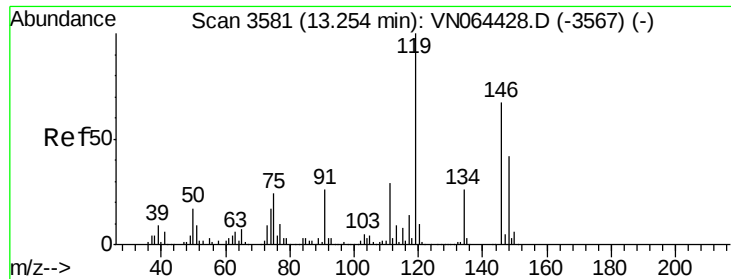
Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.6

91 25.6 12.8 38.3

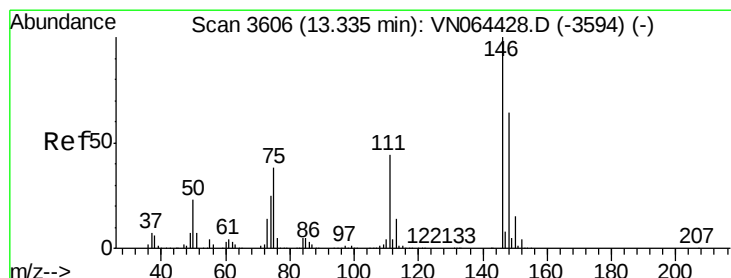
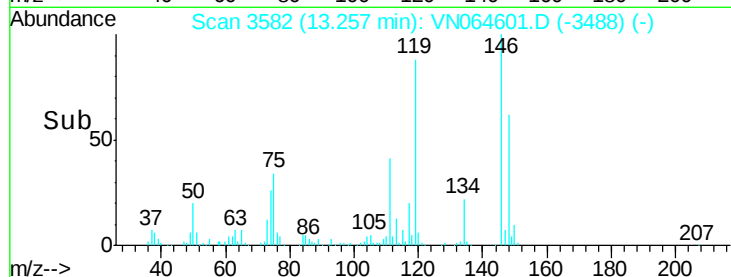
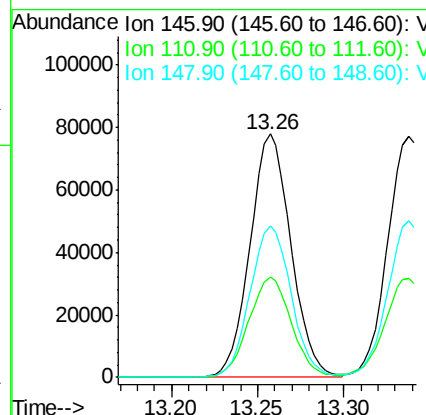
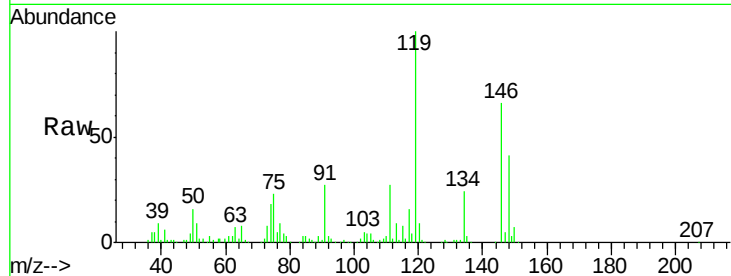




#87
 1,3-Dichlorobenzene
 Concen: 18.175 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

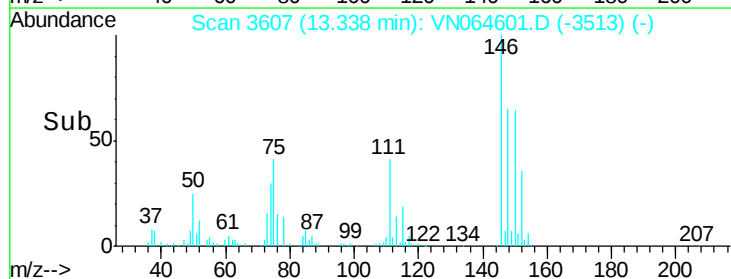
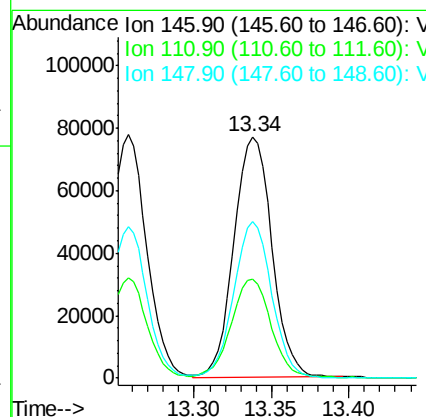
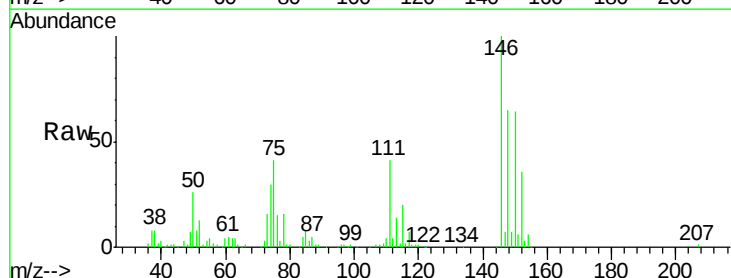
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD02

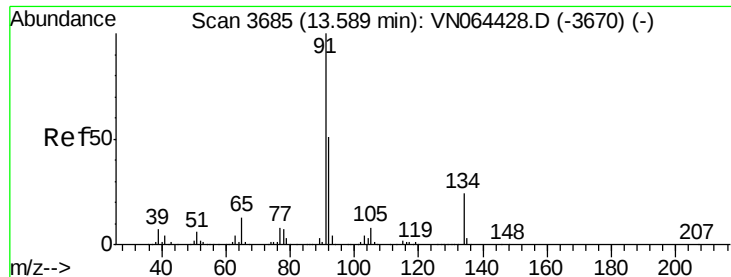
Tot Ion:146 Resp: 129117
 Ion Ratio Lower Upper
 146 100
 111 42.7 22.1 66.1
 148 62.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 17.940 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

Tgt Ion:146 Resp: 131708
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.8 65.3
 148 64.3 32.4 97.2

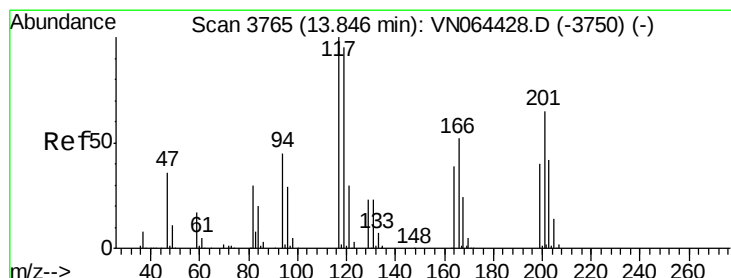
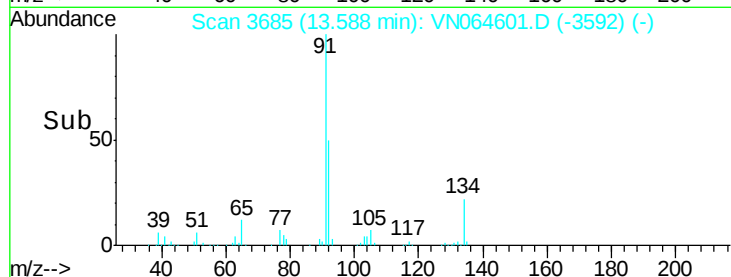
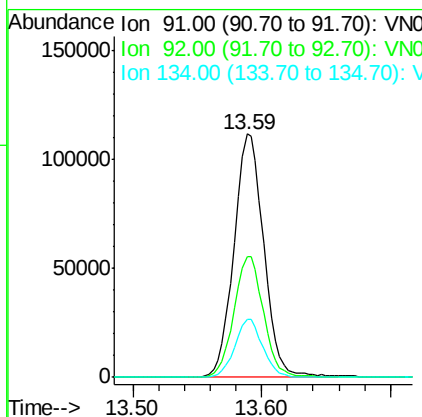
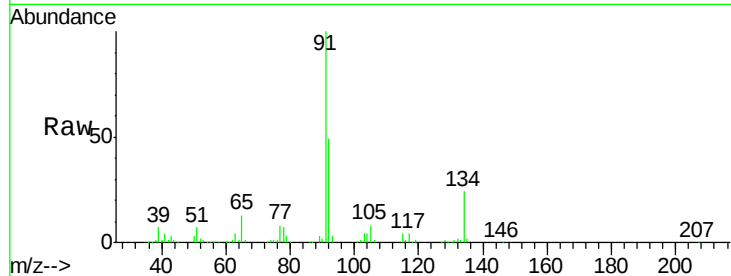




#89
n-Butylbenzene
Concen: 16.926 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

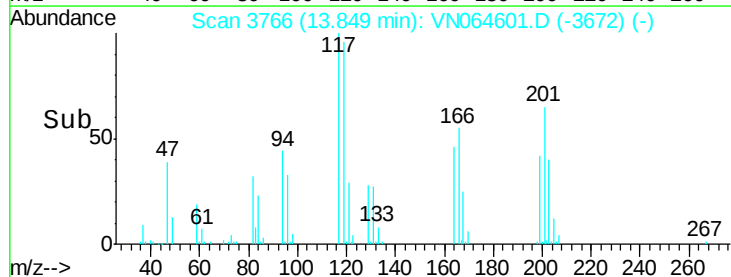
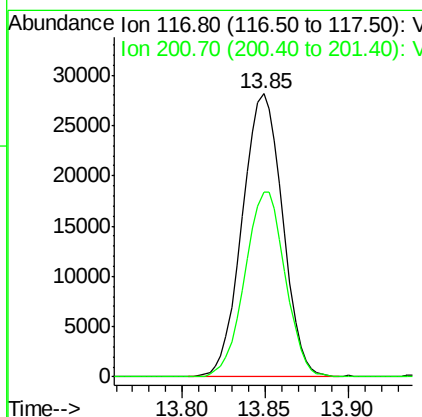
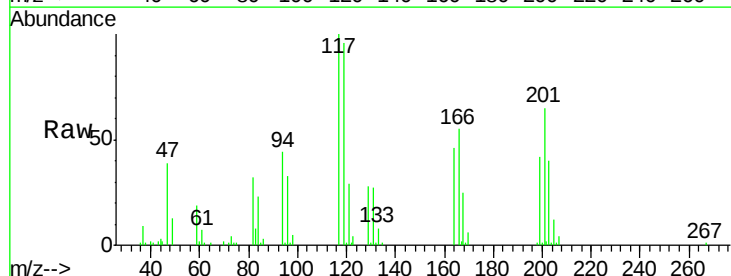
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD02

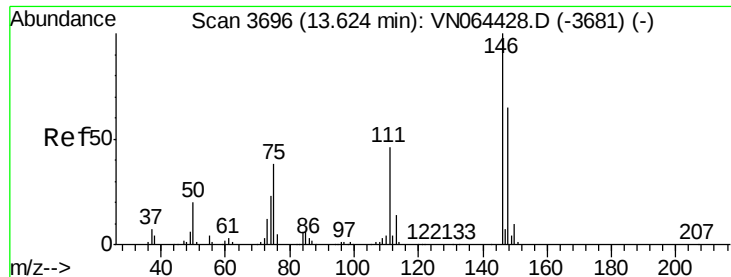
Tot Ion: 91 Resp: 179803
Ion Ratio Lower Upper
91 100
92 49.3 25.3 75.9
134 22.5 11.8 35.4



#90
Hexachloroethane
Concen: 20.005 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064601.D
Acq: 13 Nov 2020 00:31

Tgt Ion: 117 Resp: 47680
Ion Ratio Lower Upper
117 100
201 65.0 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 18.980 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD02

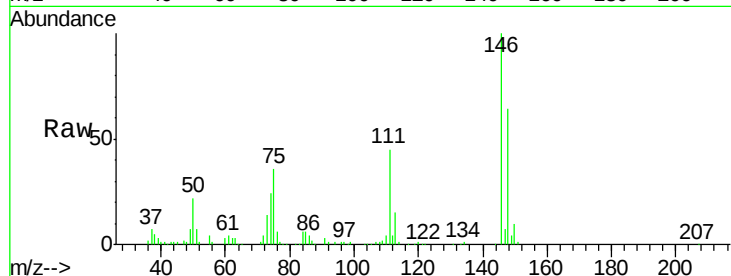
Tot Ion:146 Resp: 129701

Ion Ratio Lower Upper

146 100

111 44.6 22.9 68.7

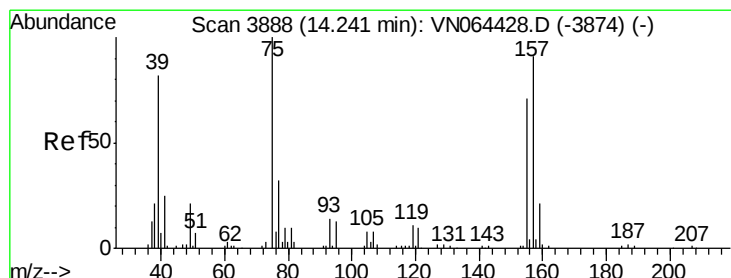
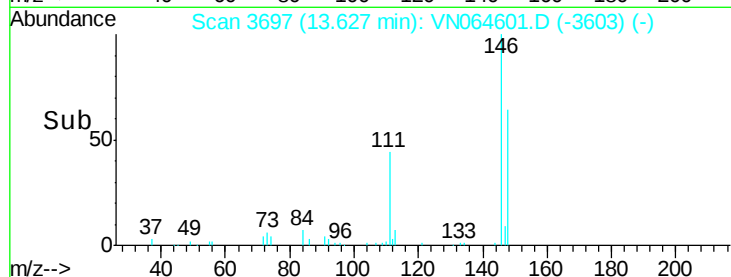
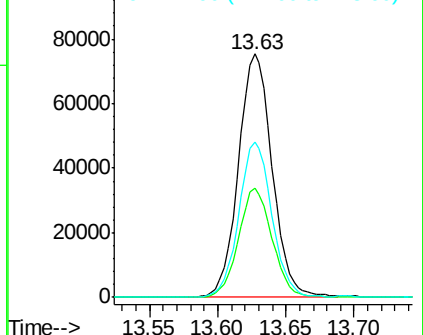
148 62.2 32.0 96.2



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: 23.014 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

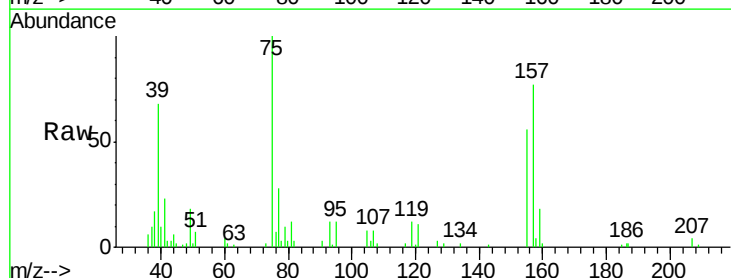
Tgt Ion: 75 Resp: 23690

Ion Ratio Lower Upper

75 100

155 62.9 34.6 103.9

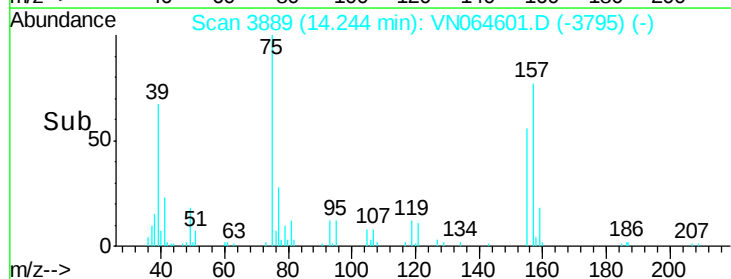
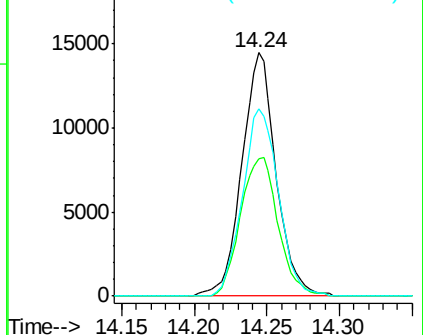
157 81.2 43.0 128.8

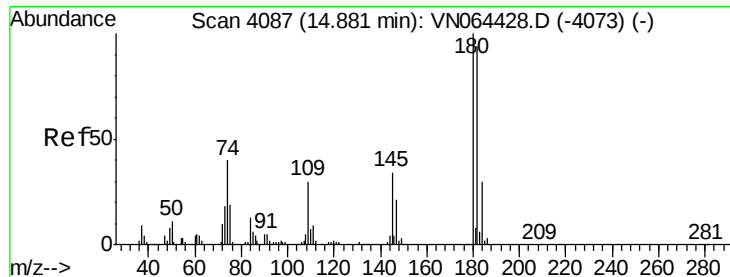


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

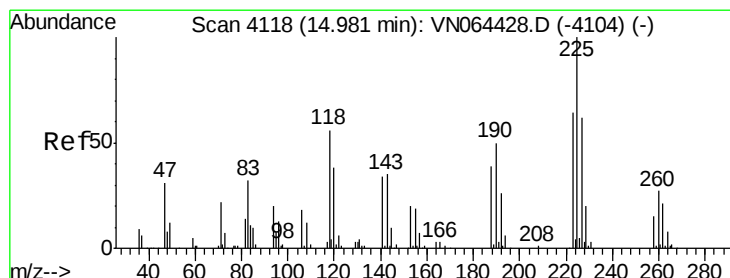
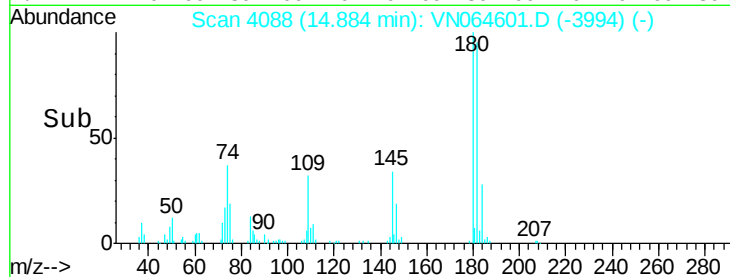
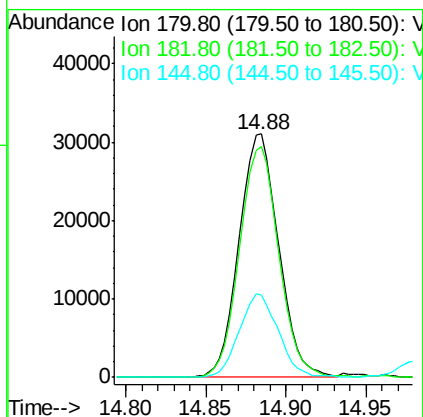
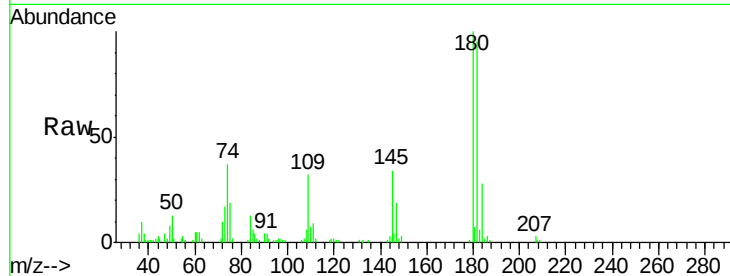




#93
 1,2,4-Trichlorobenzene
 Concen: 17.267 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

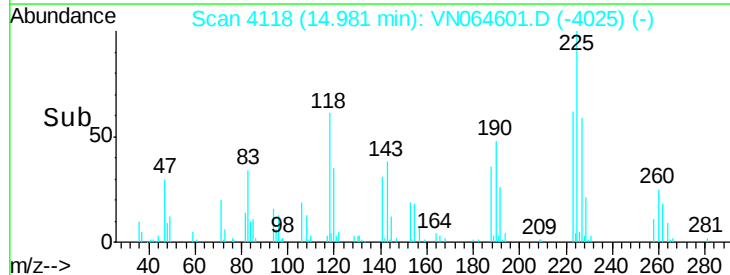
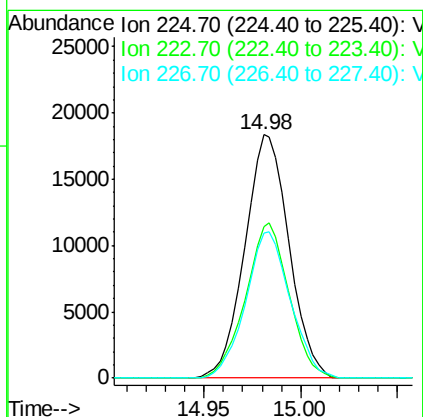
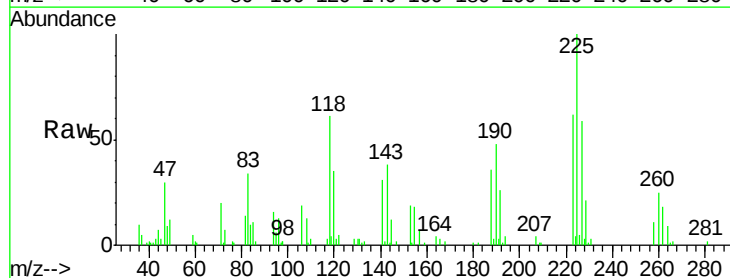
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD02

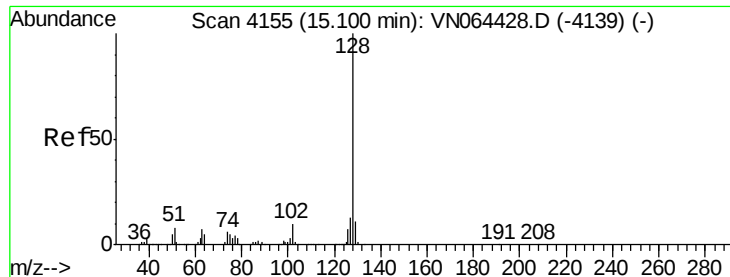
Tot Ion:180 Resp: 52420
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.3 142.0
 145 33.6 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 20.953 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064601.D
 Acq: 13 Nov 2020 00:31

Tgt Ion:225 Resp: 29152
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.8 95.4
 227 60.6 31.8 95.4





#95

Naphthalene

Concen: 16.978 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD02

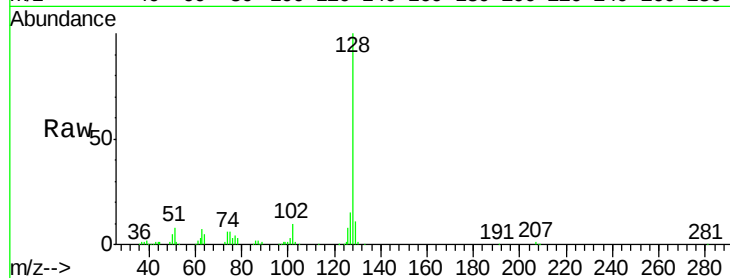
Tot Ion:128 Resp: 167248

Ion Ratio Lower Upper

128 100

127 14.1 10.5 15.7

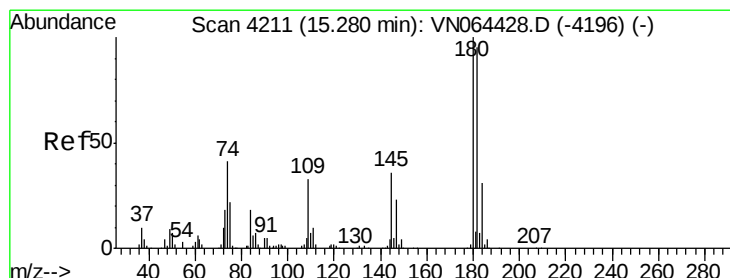
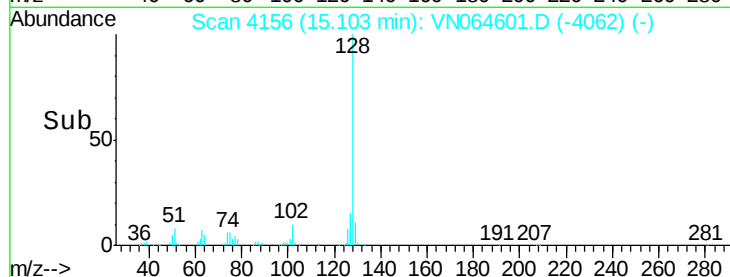
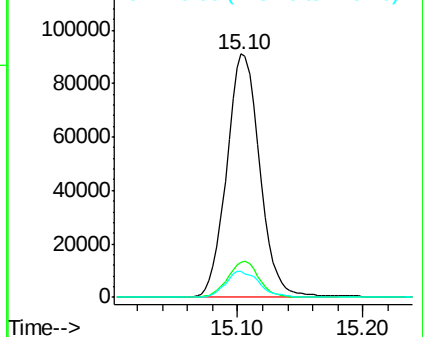
129 10.9 8.8 13.2



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: 18.454 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064601.D

Acq: 13 Nov 2020 00:31

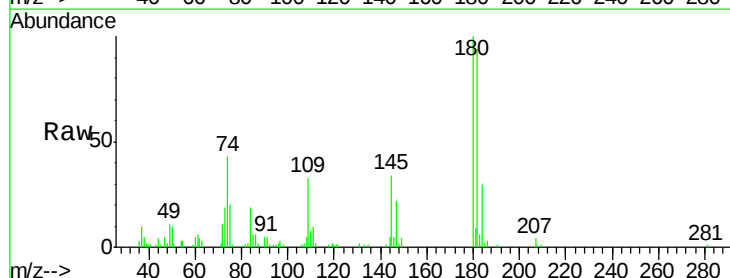
Tgt Ion:180 Resp: 54575

Ion Ratio Lower Upper

180 100

182 95.2 47.7 143.1

145 35.0 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

