

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064430.D
 Acq On : 4 Nov 2020 11:48
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 12:08:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 11:31:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	356763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	612642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	583651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	280476	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	923801	158.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.52%	
35) Dibromofluoromethane	7.55	113	650994	159.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	318.46%	
50) Toluene-d8	10.06	98	2560897	166.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	333.80%	
62) 4-Bromofluorobenzene	12.37	95	1001876	168.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	666974	158.080	ug/l	98
3) Chloromethane	2.04	50	789133	168.558	ug/l	98
4) Vinyl Chloride	2.16	62	850630	186.405	ug/l	97
5) Bromomethane	2.51	94	534265	178.633	ug/l	98
6) Chloroethane	2.66	64	520410	186.933	ug/l	100
7) Trichlorofluoromethane	2.98	101	1158136	155.041	ug/l	98
8) Diethyl Ether	3.37	74	424515	176.483	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	564625	152.387	ug/l	99
10) Methyl Iodide	3.91	142	748559	154.819	ug/l	98
11) Tert butyl alcohol	4.75	59	543639	670.291	ug/l	99
12) 1,1-Dichloroethene	3.69	96	553710	158.247	ug/l	98
13) Acrolein	3.57	56	355438	1446.878	ug/l	98
14) Allyl chloride	4.27	41	1137385	159.554	ug/l	98
15) Acrylonitrile	4.93	53	1592022	869.448	ug/l	99
16) Acetone	3.78	43	1635525	752.764	ug/l	100
17) Carbon Disulfide	4.00	76	1684617	161.395	ug/l	99
18) Methyl Acetate	4.28	43	685361	156.976	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	2112750	158.507	ug/l	99
20) Methylene Chloride	4.50	84	660844	158.187	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	644733	163.623	ug/l	98
22) Diisopropyl ether	5.91	45	2484827	175.035	ug/l	94
23) Vinyl Acetate	5.85	43	10158164	855.312	ug/l	96
24) 1,1-Dichloroethane	5.79	63	1281880	162.808	ug/l	99
25) 2-Butanone	6.79	43	2408673	817.445	ug/l	99
26) 2,2-Dichloropropane	6.78	77	1164081	153.280	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	754374	167.653	ug/l	99
28) Bromochloromethane	7.15	49	665321	181.847	ug/l	100
29) Tetrahydrofuran	7.17	42	1515109	803.502	ug/l	99
30) Chloroform	7.33	83	1331649	158.431	ug/l	99
31) Cyclohexane	7.61	56	1081972	156.522	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	1190921	150.062	ug/l	98
36) 1,1-Dichloropropene	7.75	75	1002735	158.735	ug/l	98
37) Ethyl Acetate	6.88	43	1000934	158.834	ug/l	99
38) Carbon Tetrachloride	7.73	117	1054366	147.192	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064430.D
 Acq On : 4 Nov 2020 11:48
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 12:08:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 11:31:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	928033	150.633	ug/l	100
40) Benzene	8.00	78	2896640	163.691	ug/l	99
41) Methacrylonitrile	7.13	41	510740	166.401	ug/l #	89
42) 1,2-Dichloroethane	8.08	62	1156959	153.557	ug/l	99
43) Isopropyl Acetate	8.13	43	1739069	161.748	ug/l	99
44) Trichloroethene	8.80	130	717718	157.110	ug/l	99
45) 1,2-Dichloropropane	9.08	63	772005	162.649	ug/l	96
46) Dibromomethane	9.17	93	514123	157.790	ug/l	99
47) Bromodichloromethane	9.37	83	1107033	153.010	ug/l	100
48) Methyl methacrylate	9.17	41	879561	158.372	ug/l	98
49) 1,4-Dioxane	9.17	88	234531	2930.912	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	4869610	774.841	ug/l	95
52) Toluene	10.12	92	1845276	165.533	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	1276284	165.896	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	1329858	168.052	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	701669	160.267	ug/l	98
56) Ethyl methacrylate	10.40	69	1154670	174.964	ug/l	98
57) 1,3-Dichloropropane	10.68	76	1252715	167.784	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	2913035	848.397	ug/l	98
59) 2-Hexanone	10.72	43	3765445	815.213	ug/l	97
60) Dibromochloromethane	10.87	129	827238	162.284	ug/l	99
61) 1,2-Dibromoethane	10.98	107	741970	167.358	ug/l	100
64) Tetrachloroethene	10.60	164	645333	134.723	ug/l	98
65) Chlorobenzene	11.41	112	1933720	160.179	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	735248	152.228	ug/l	99
67) Ethyl Benzene	11.48	91	3556361	158.580	ug/l	96
68) m/p-Xylenes	11.59	106	2670494	321.820	ug/l	93
69) o-Xylene	11.92	106	1279307	159.850	ug/l	99
70) Styrene	11.94	104	2239331	170.717	ug/l	99
71) Bromoform	12.10	173	546743	147.229	ug/l #	99
73) Isopropylbenzene	12.22	105	3296570	153.574	ug/l	99
74) N-amyl acetate	12.04	43	1654904	175.611	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	997227	159.100	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	1463109	217.620	ug/l #	100
77) Bromobenzene	12.50	156	790455	151.717	ug/l	98
78) n-propylbenzene	12.57	91	3816052	157.063	ug/l	99
79) 2-Chlorotoluene	12.65	91	2408692	155.666	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	2784217	154.017	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	394767	166.989	ug/l	97
82) 4-Chlorotoluene	12.75	91	2565844	161.755	ug/l	99
83) tert-Butylbenzene	12.97	119	2209346	150.346	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	2847525	157.425	ug/l	99
85) sec-Butylbenzene	13.14	105	2814432	147.496	ug/l	99
86) p-Isopropyltoluene	13.26	119	2605799	152.024	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1437839	157.021	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1458083	156.325	ug/l	98
89) n-Butylbenzene	13.59	91	2312747	152.978	ug/l	98
90) Hexachloroethane	13.85	117	477201	149.140	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	1386337	152.217	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	224613	149.566	ug/l	96

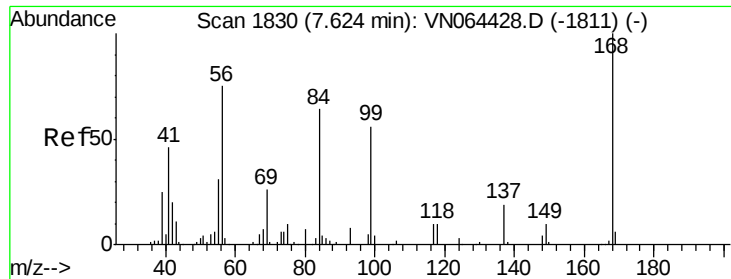
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
Data File : VN064430.D
Acq On : 4 Nov 2020 11:48
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 04 12:08:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 11:31:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	708093	161.745	ug/l	99
94) Hexachlorobutadiene	14.98	225	270903	102.492	ug/l	99
95) Naphthalene	15.10	128	2464417	179.694	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	688183	162.767	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

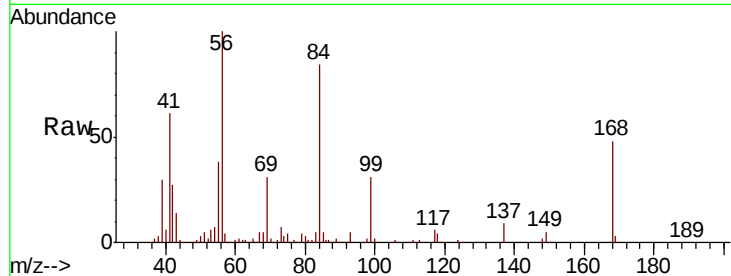
ClientSampleId :

Tot Ion:168 Resp: 356763

Ion Ratio Lower Upper

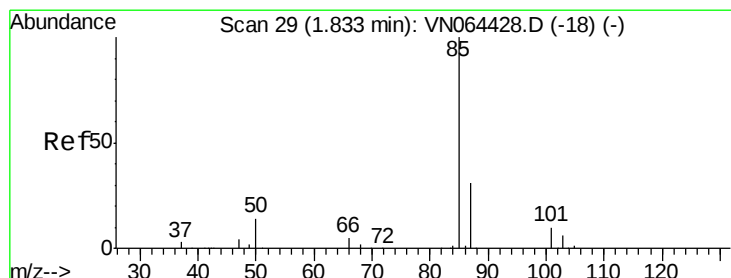
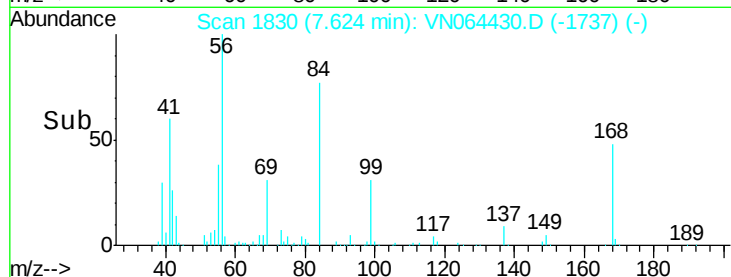
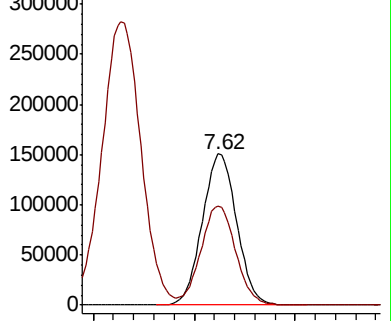
168 100

99 65.4 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: 158.080 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064430.D

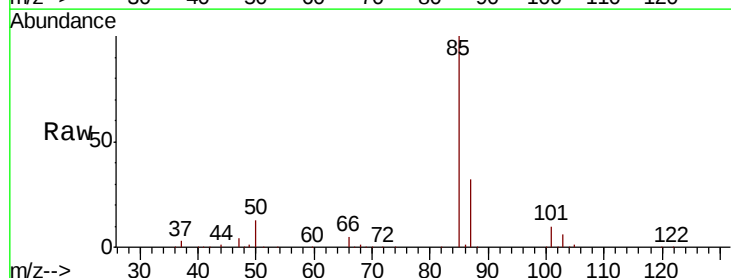
Acq: 4 Nov 2020 11:48

Tgt Ion: 85 Resp: 666974

Ion Ratio Lower Upper

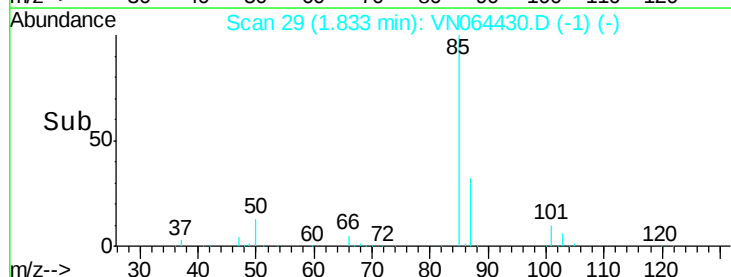
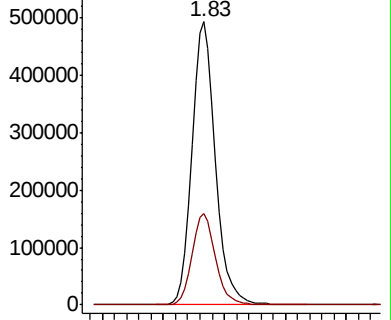
85 100

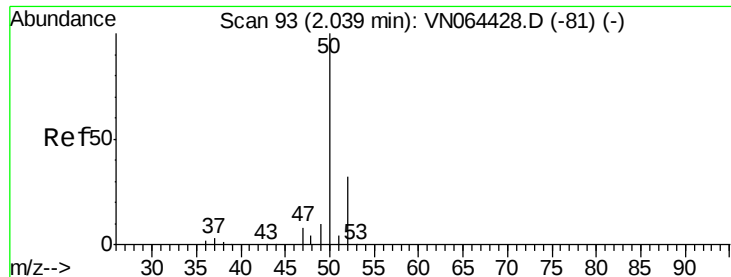
87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 168.558 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

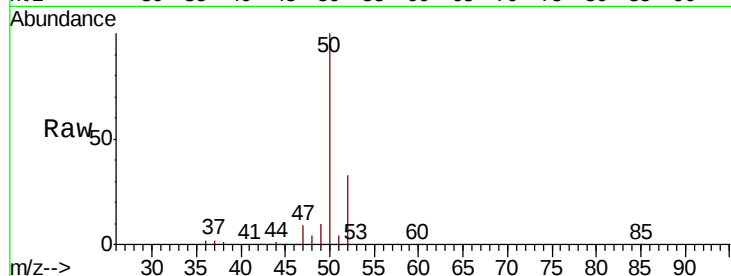
ClientSampled :

Tot Ion: 50 Resp: 789133

Ion Ratio Lower Upper

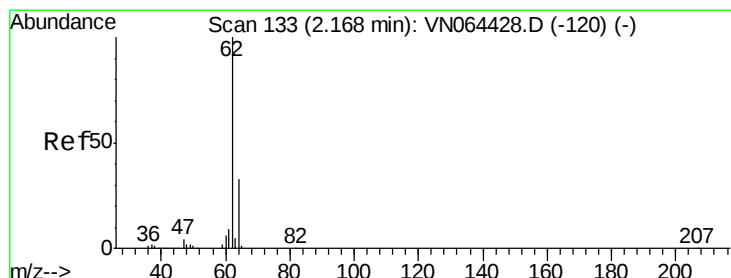
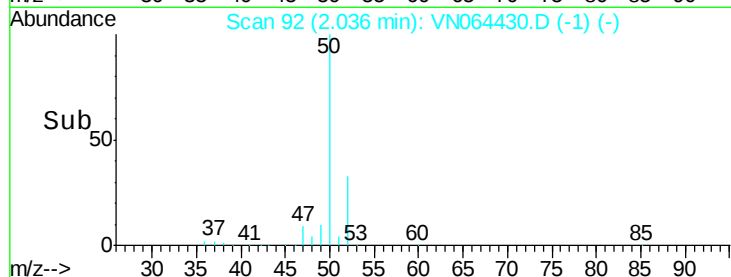
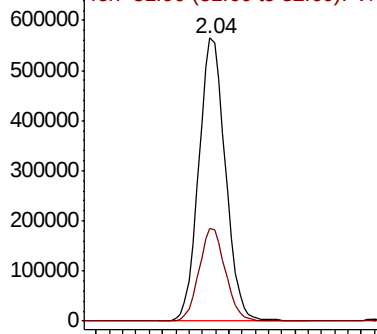
50 100

52 32.7 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 186.405 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064430.D

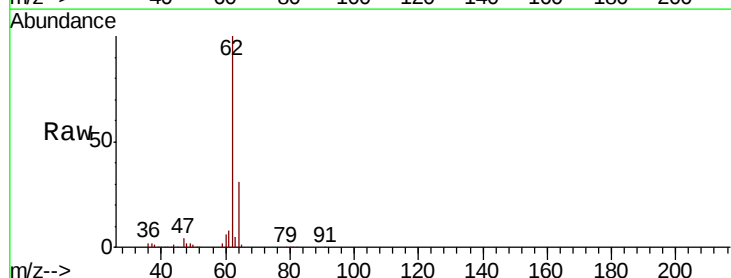
Acq: 4 Nov 2020 11:48

Tgt Ion: 62 Resp: 850630

Ion Ratio Lower Upper

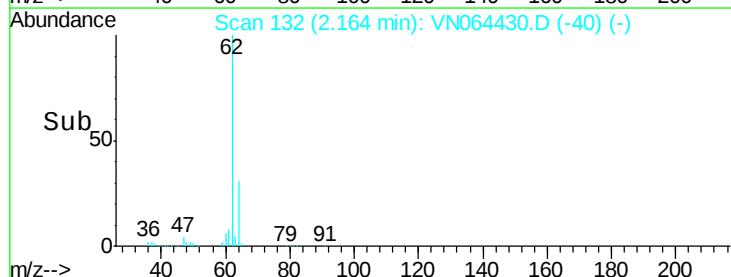
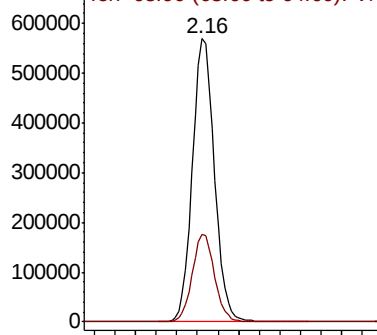
62 100

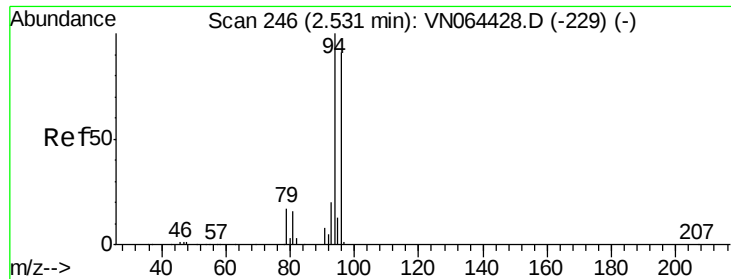
64 31.1 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 178.633 ug/l

RT: 2.51 min Scan# 239

Delta R.T. -0.02 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

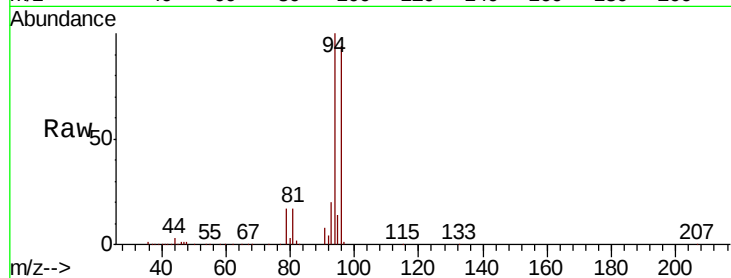
ClientSampled :

Tot Ion: 94 Resp: 534265

Ion Ratio Lower Upper

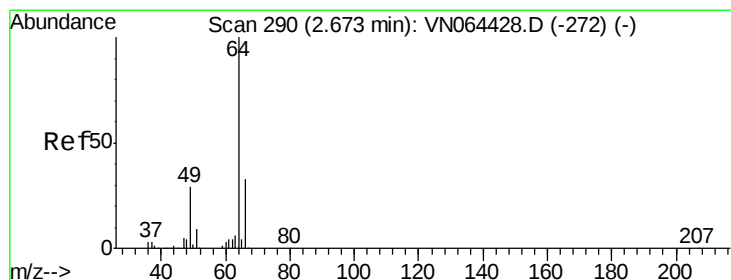
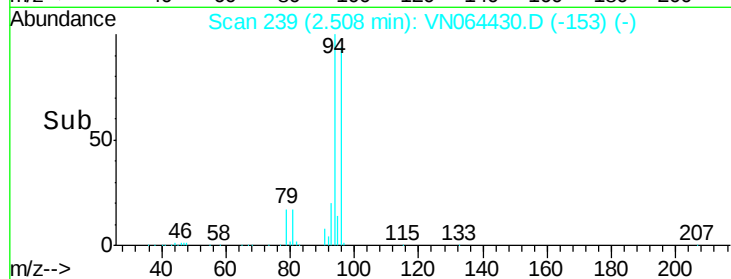
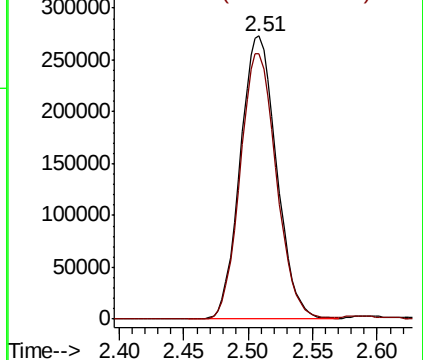
94 100

96 93.7 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: 186.933 ug/l

RT: 2.66 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN064430.D

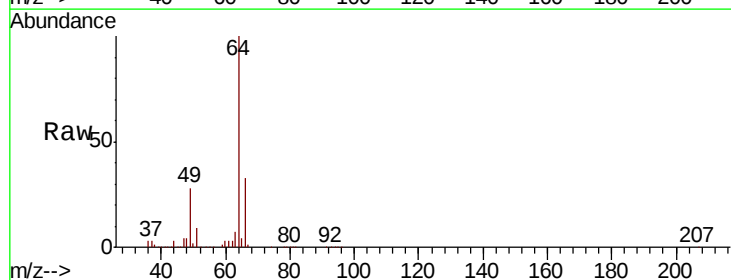
Acq: 4 Nov 2020 11:48

Tgt Ion: 64 Resp: 520410

Ion Ratio Lower Upper

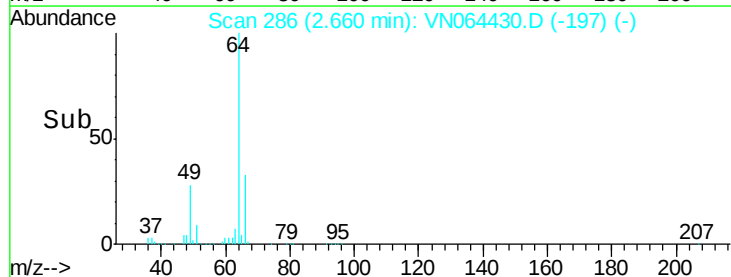
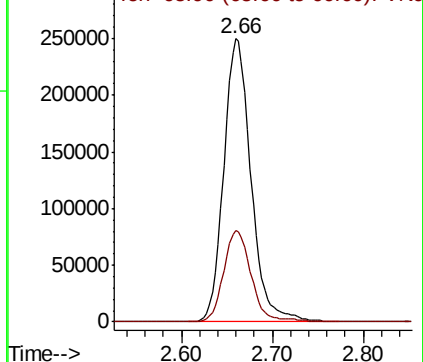
64 100

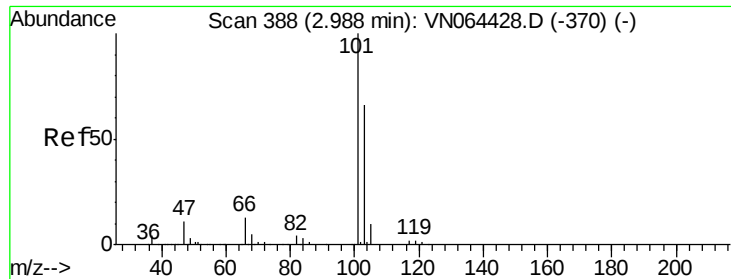
66 32.4 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



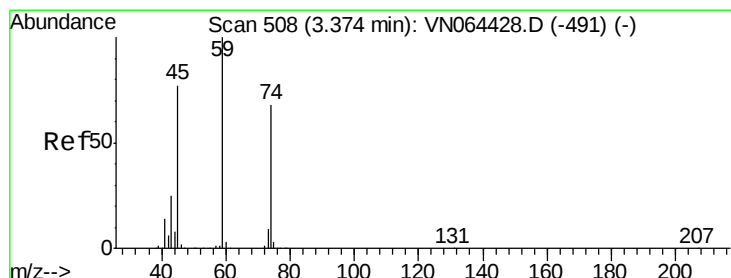
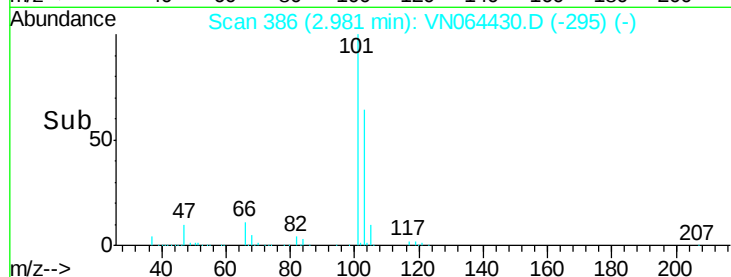
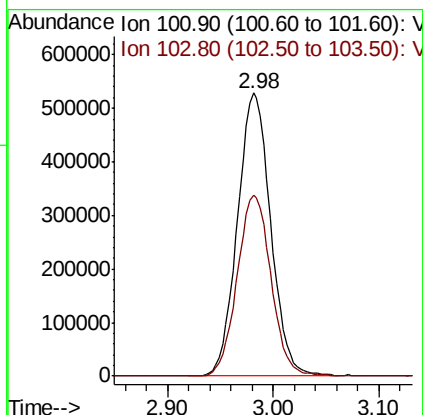
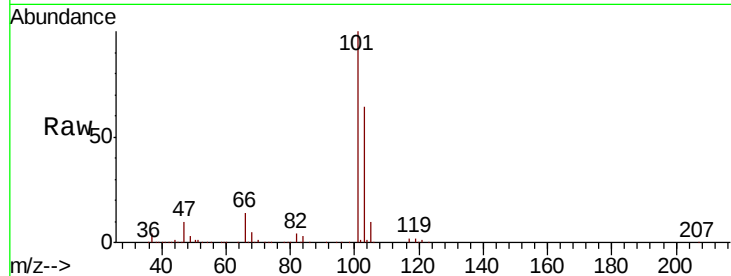


#7

Trichlorofluoromethane
 Concen: 155.041 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Instrument :
 MSVOA_N
 ClientSampled :

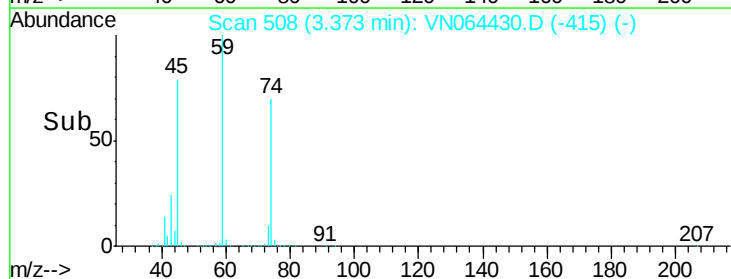
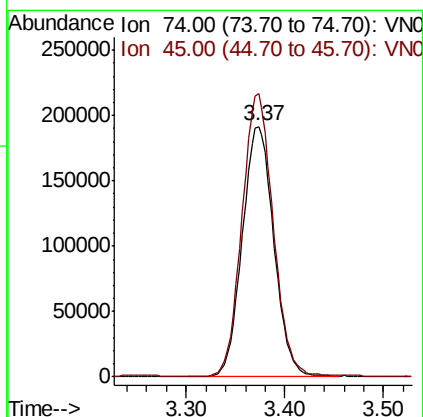
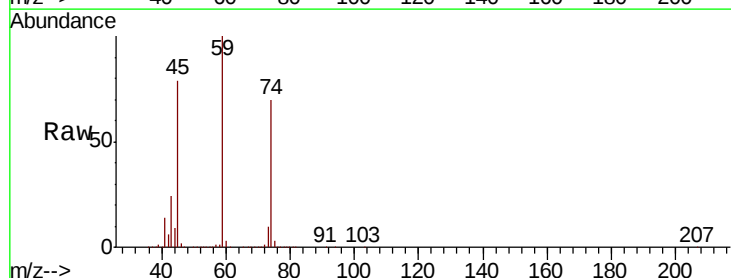
Tot Ion:101 Resp: 1158136
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.4 78.6

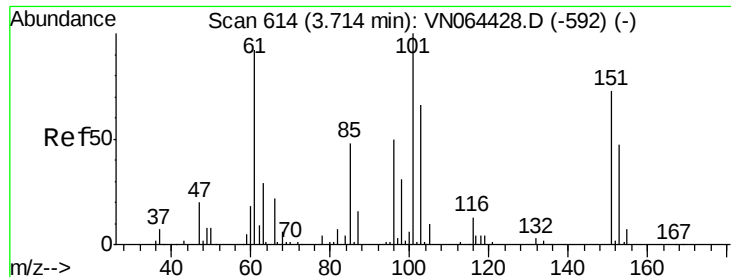


#8

Diethyl Ether
 Concen: 176.483 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 74 Resp: 424515
 Ion Ratio Lower Upper
 74 100
 45 110.9 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 152.387 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampled :

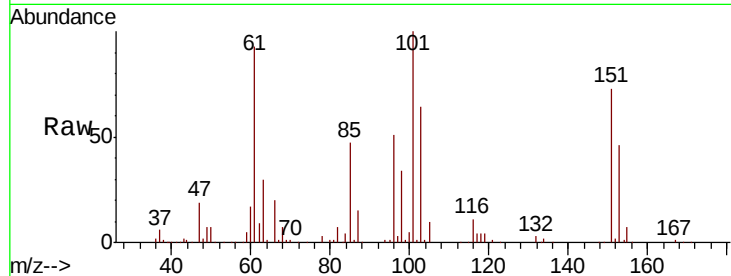
Tot Ion:101 Resp: 564625

Ion Ratio Lower Upper

101 100

85 46.8 38.6 57.8

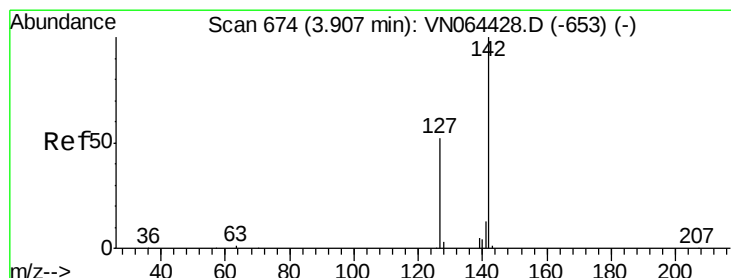
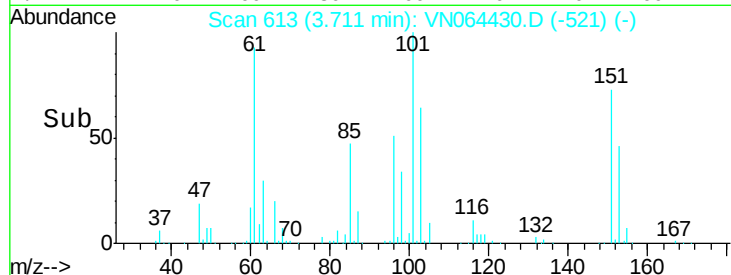
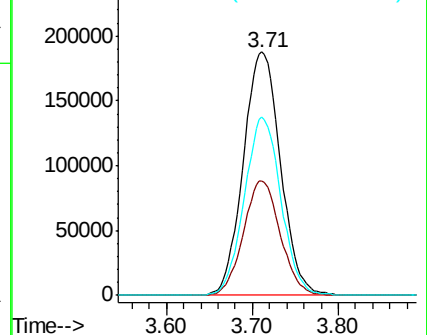
151 72.3 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 154.819 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

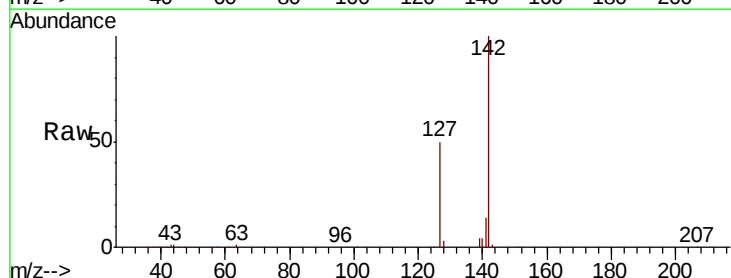
Tgt Ion:142 Resp: 748559

Ion Ratio Lower Upper

142 100

127 50.3 41.8 62.8

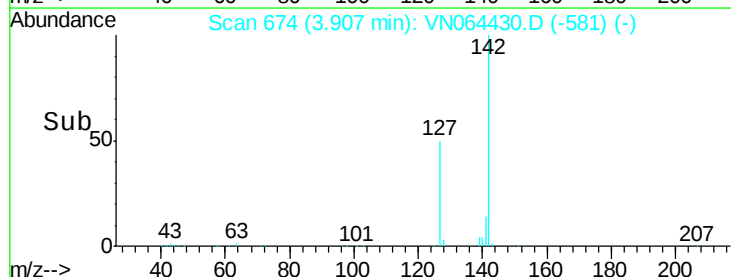
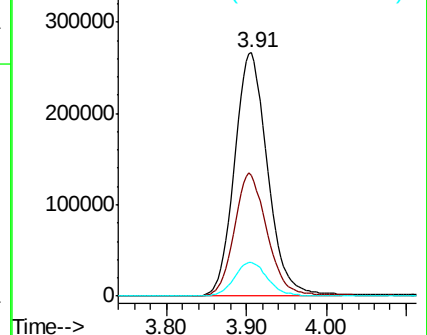
141 14.1 11.4 17.2

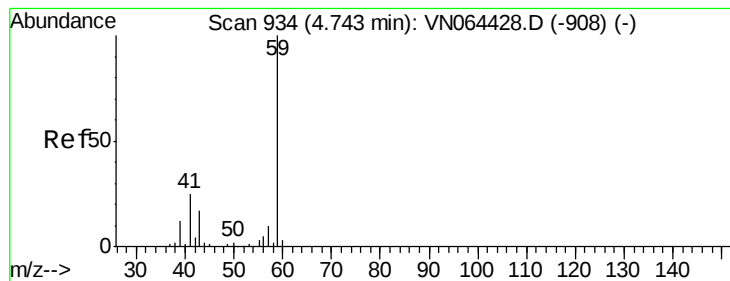


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



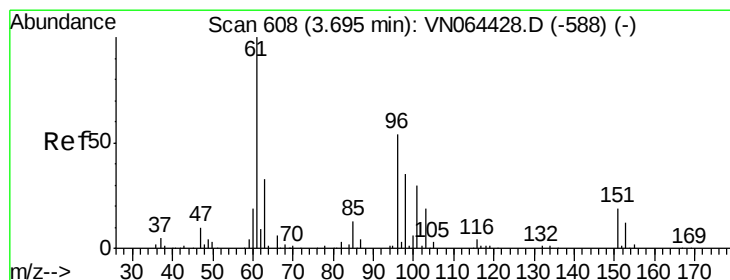
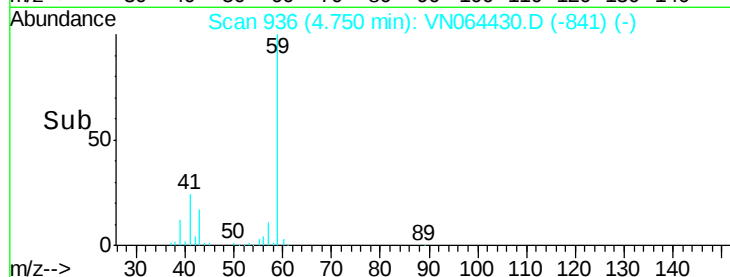
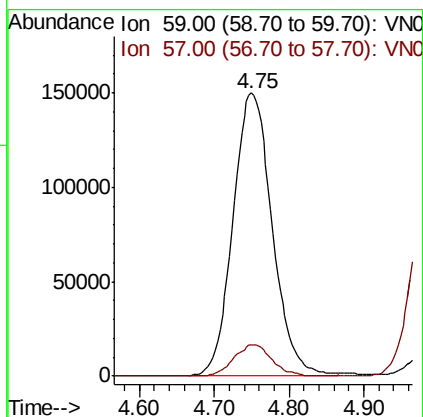
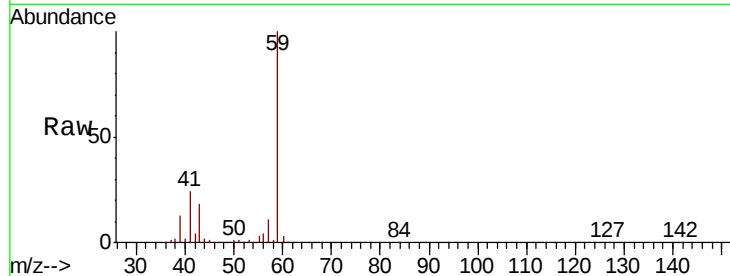


#11

Tert butyl alcohol
Concen: 670.291 ug/l
RT: 4.75 min Scan# 936
Delta R.T. 0.01 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :

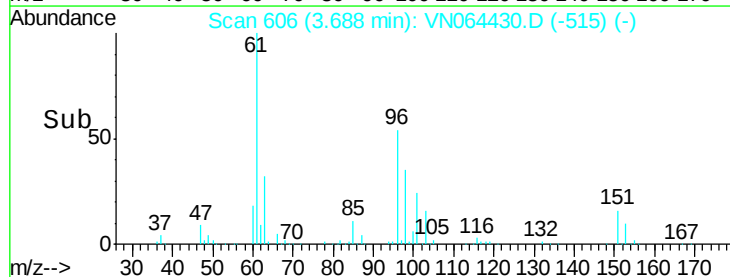
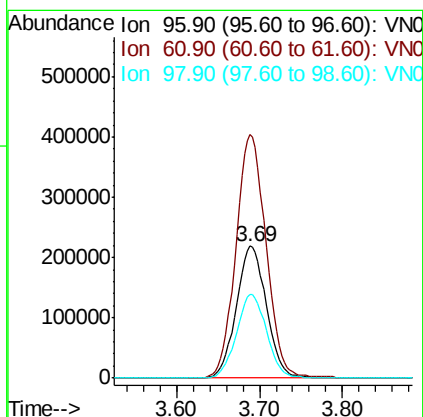
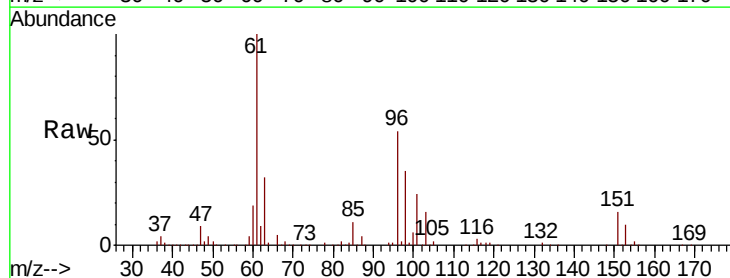
Tot Ion: 59 Resp: 543639
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4

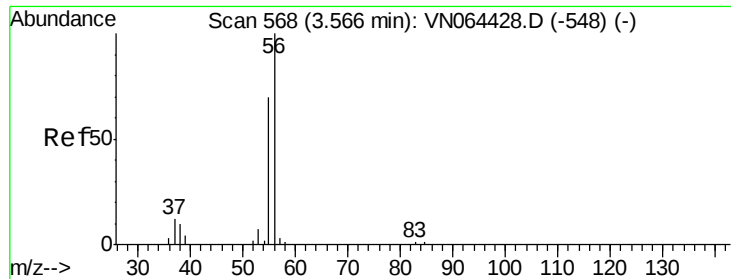


#12

1,1-Dichloroethene
Concen: 158.247 ug/l
RT: 3.69 min Scan# 606
Delta R.T. -0.01 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 96 Resp: 553710
Ion Ratio Lower Upper
96 100
61 184.6 149.5 224.3
98 63.8 52.4 78.6

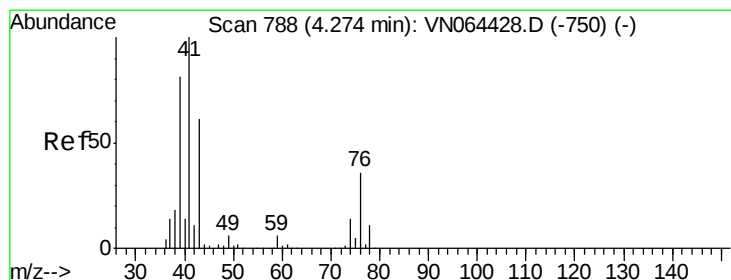
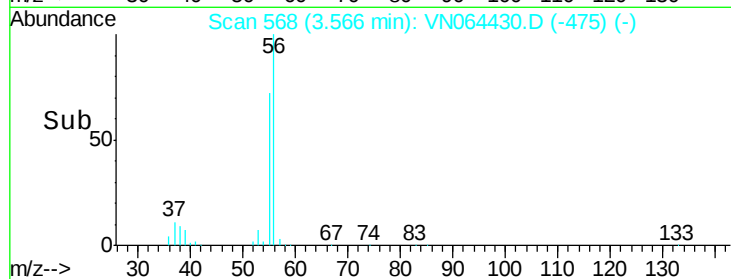
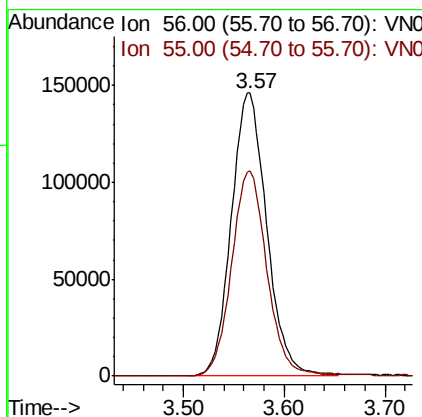
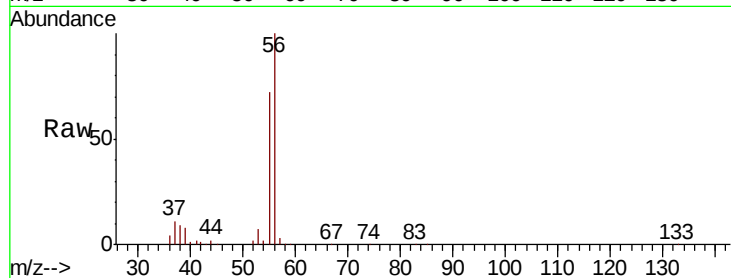




#13
Acrolein
Concen: 1446.878 ug/l
RT: 3.57 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

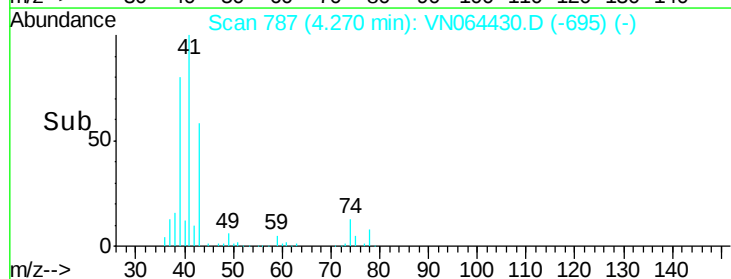
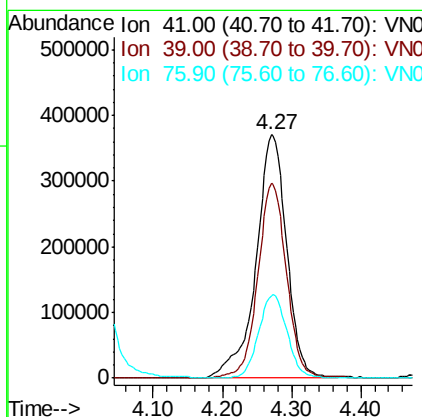
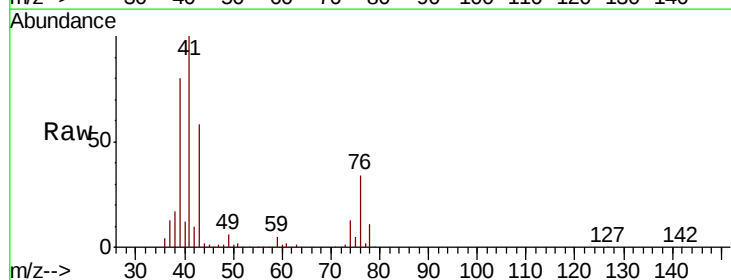
Instrument :
MSVOA_N
ClientSampleId :

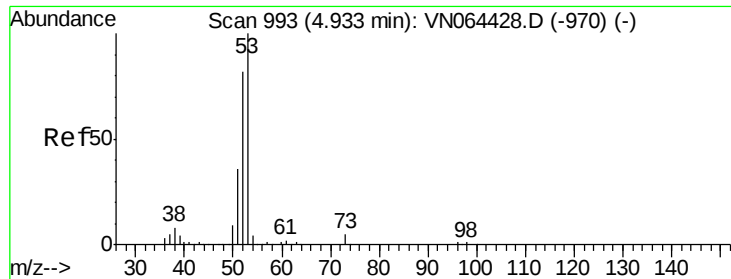
Tot Ion: 56 Resp: 355438
Ion Ratio Lower Upper
56 100
55 71.5 55.9 83.9



#14
Allyl chloride
Concen: 159.554 ug/l
RT: 4.27 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 41 Resp: 1137385
Ion Ratio Lower Upper
41 100
39 75.0 61.8 92.8
76 31.4 25.4 38.0



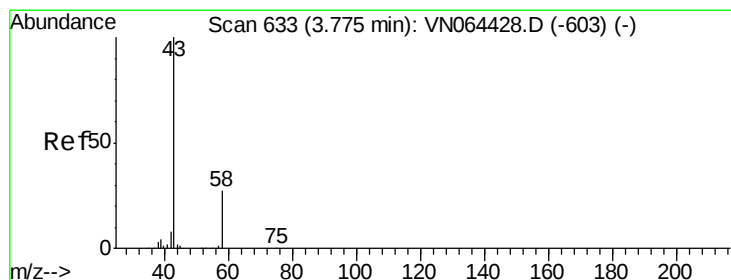
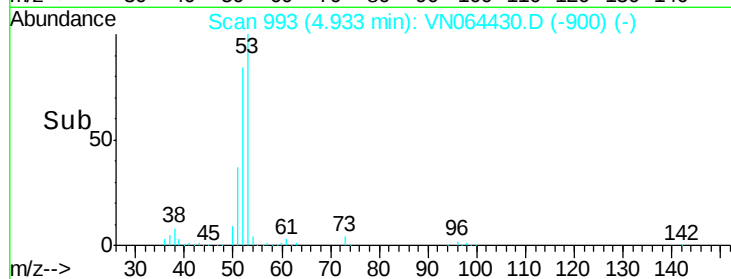
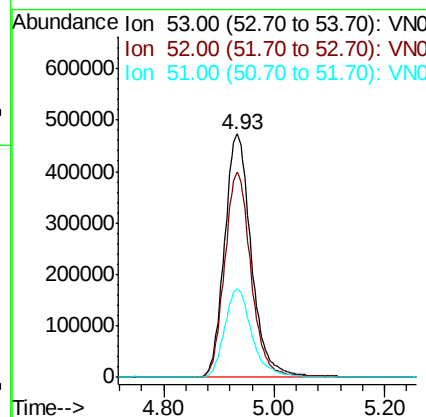
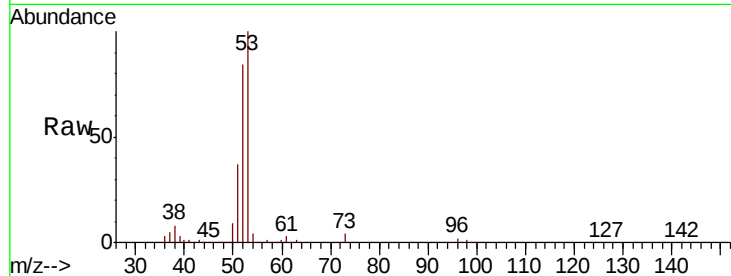


#15
 Acrylonitrile
 Concen: 869.448 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 53 Resp: 1592022

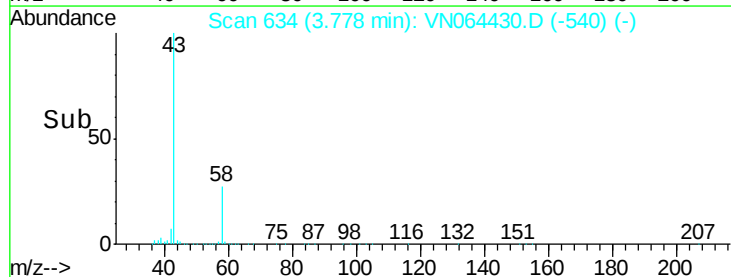
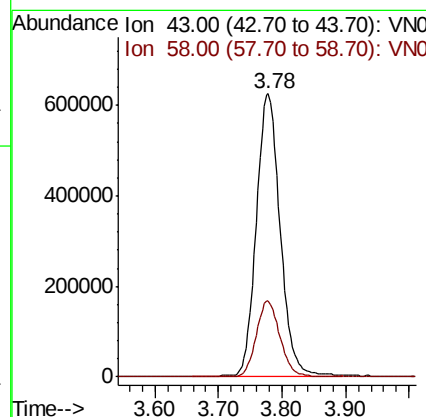
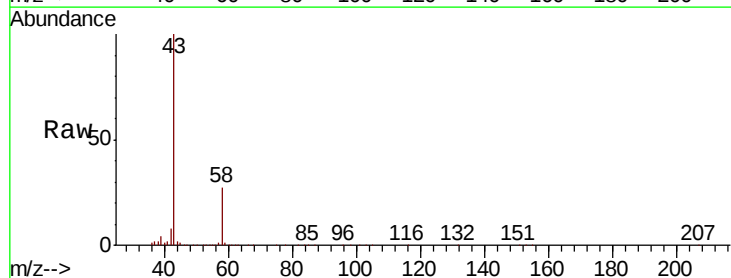
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.6	98.4
51	37.2	29.9	44.9

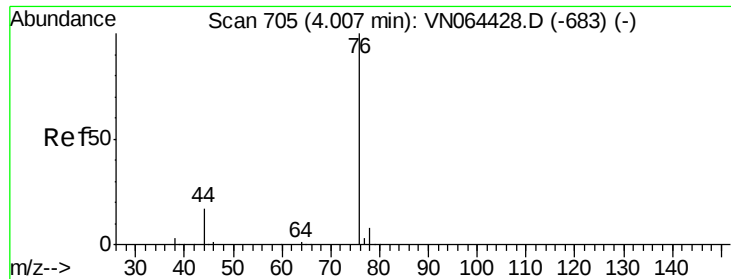


#16
 Acetone
 Concen: 752.764 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 43 Resp: 1635525

Ion	Ratio	Lower	Upper
43	100		
58	26.9	21.4	32.0

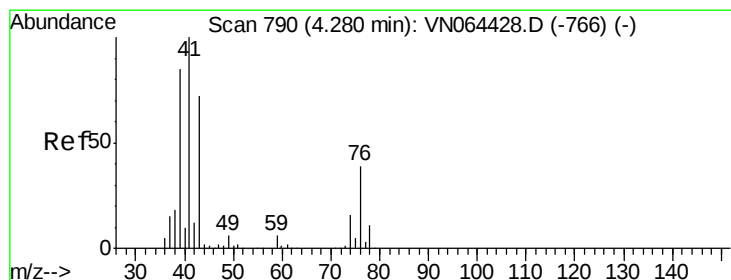
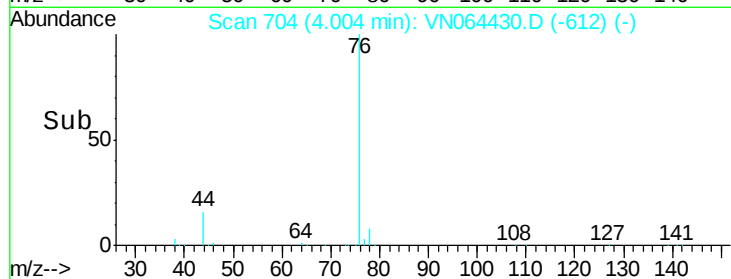
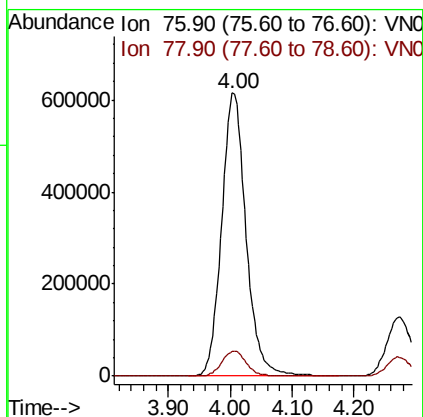
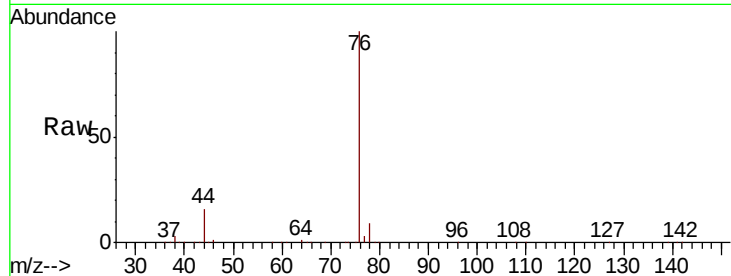




#17
Carbon Disulfide
Concen: 161.395 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

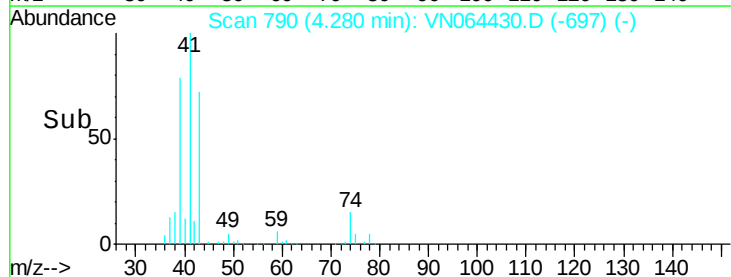
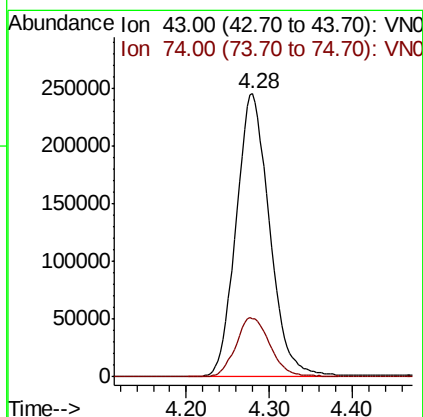
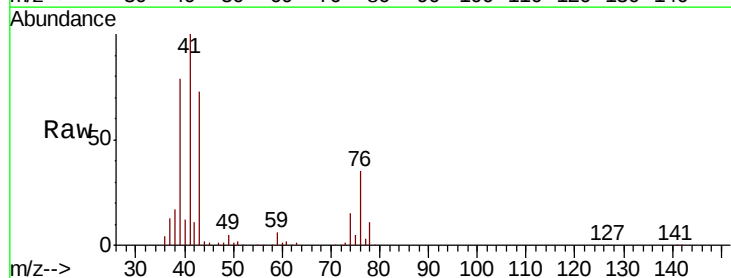
Instrument :
MSVOA_N
ClientSampled :

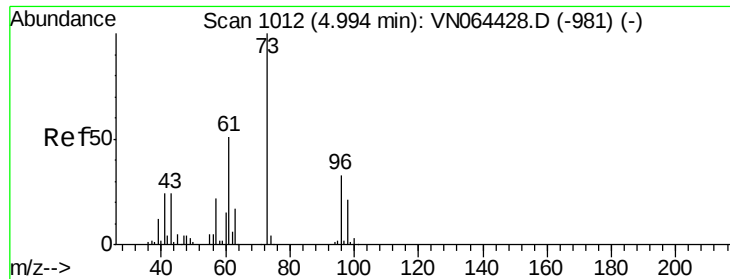
Tot Ion: 76 Resp: 1684617
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 156.976 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 43 Resp: 685361
Ion Ratio Lower Upper
43 100
74 21.6 17.0 25.4



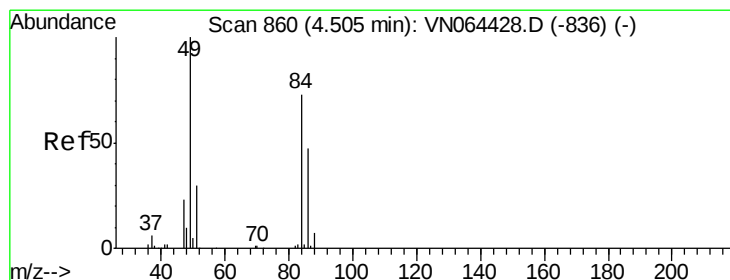
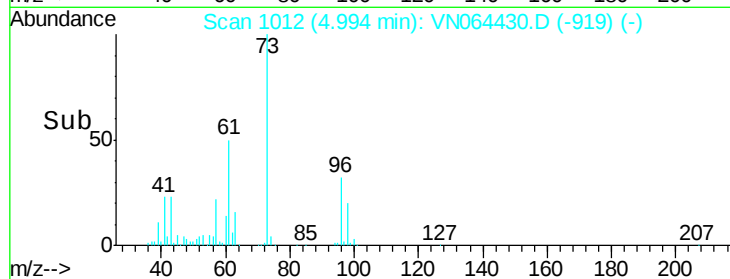
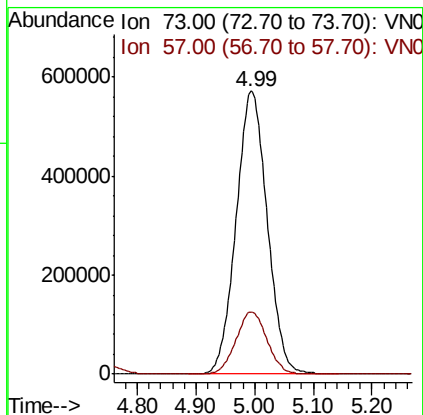
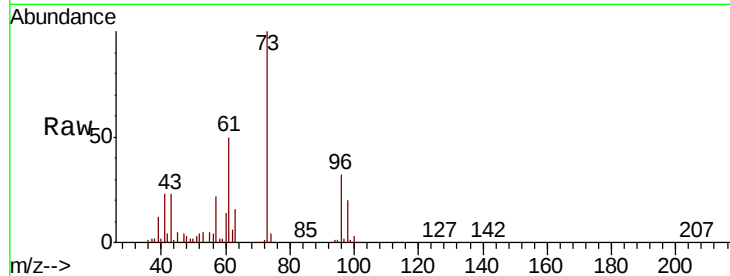


#19

Methyl tert-butyl Ether
 Concen: 158.507 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Instrument :
 MSVOA_N
 ClientSampled :

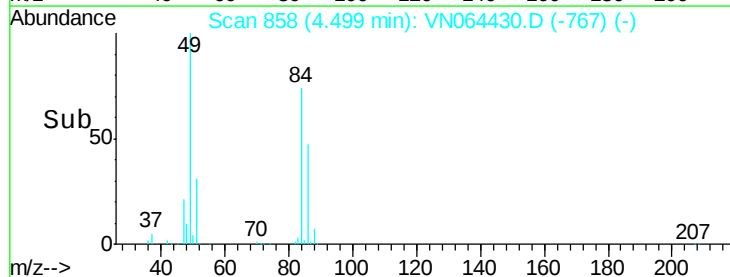
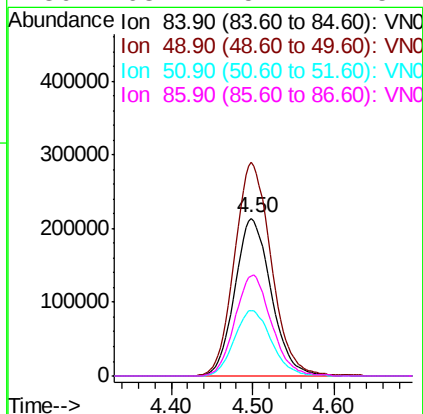
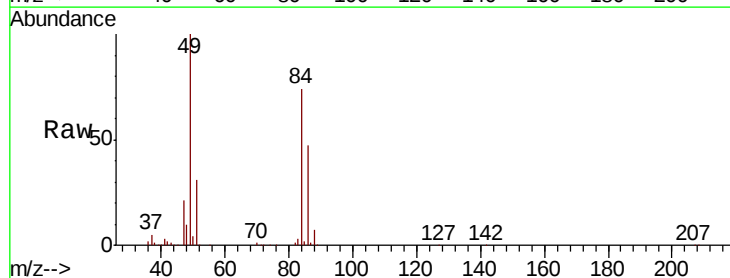
Tot Ion: 73 Resp: 2112750
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.7 26.5

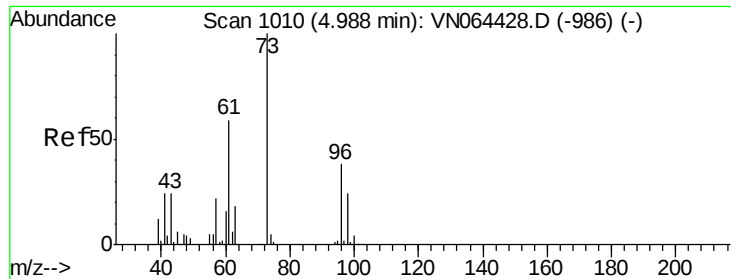


#20

Methylene Chloride
 Concen: 158.187 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 84 Resp: 660844
 Ion Ratio Lower Upper
 84 100
 49 135.6 110.1 165.1
 51 41.7 33.6 50.4
 86 63.7 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 163.623 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

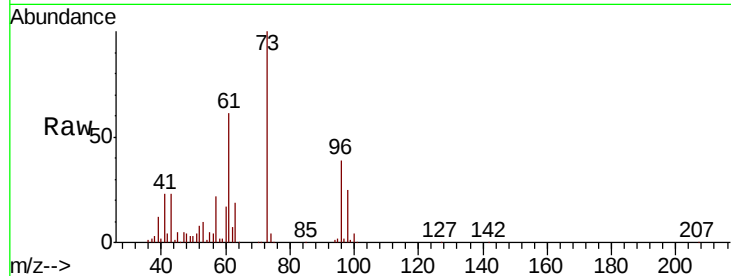
Tot Ion: 96 Resp: 644733

Ion Ratio Lower Upper

96 100

61 156.4 122.4 183.6

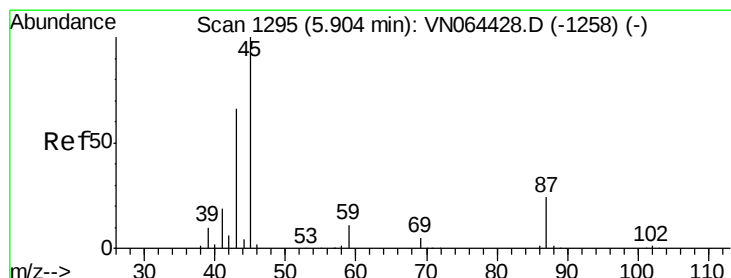
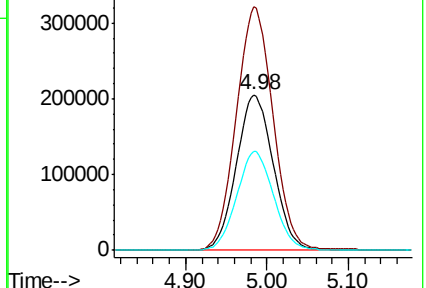
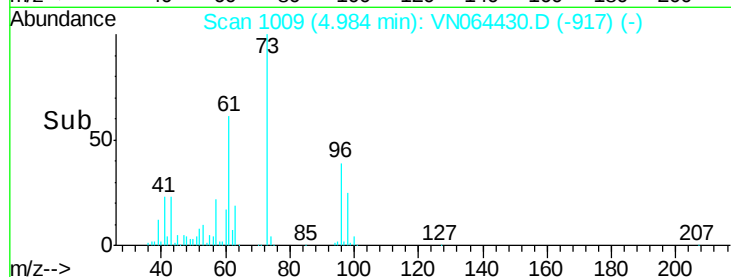
98 63.8 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN064430.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064430.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064430.D (-917) (-)



#22

Diisopropyl ether

Concen: 175.035 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Tgt Ion: 45 Resp: 2484827

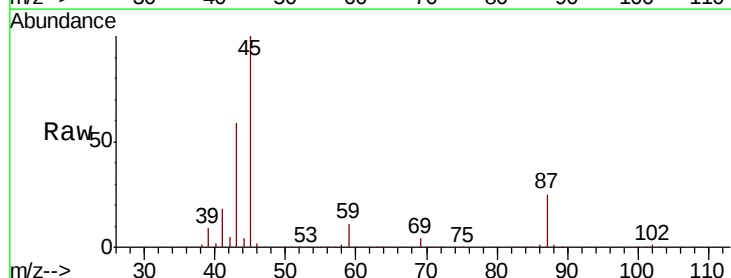
Ion Ratio Lower Upper

45 100

43 58.9 53.2 79.8

87 25.0 19.9 29.9

59 10.8 8.6 13.0

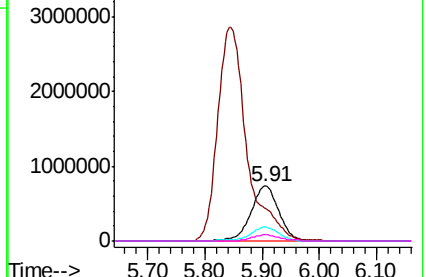
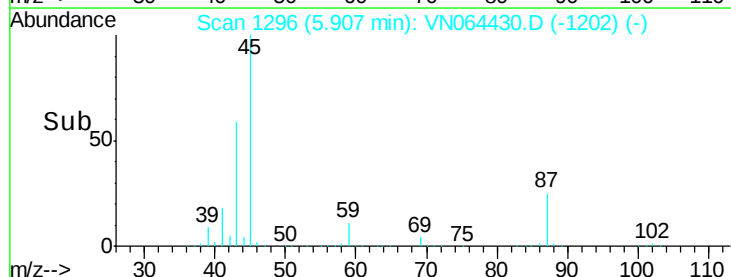


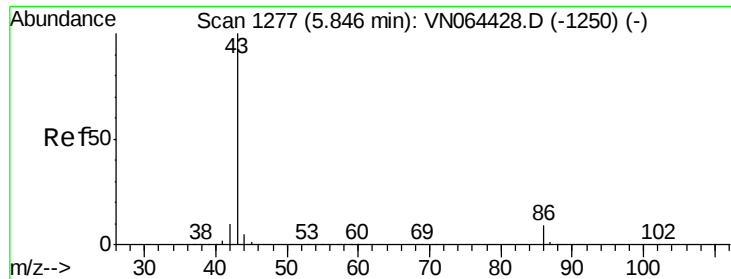
Abundance Ion 45.00 (44.70 to 45.70): VN064430.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064430.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064430.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064430.D (-1202) (-)

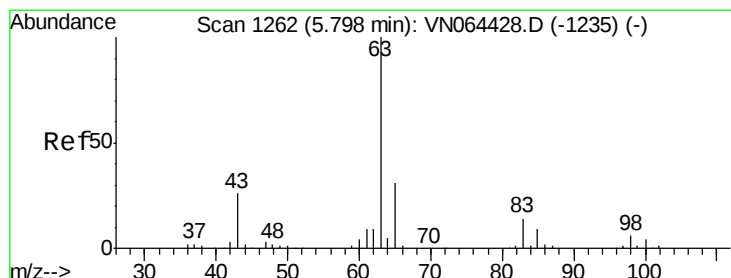
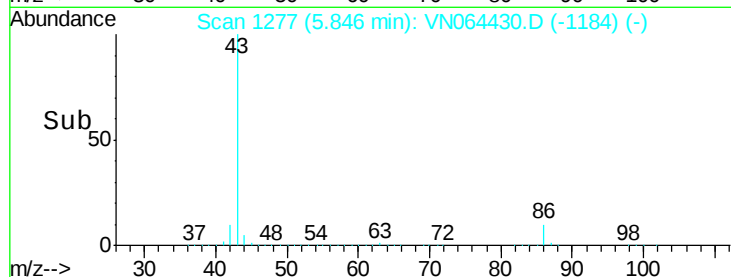
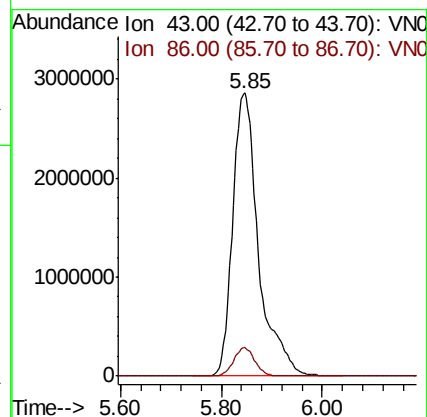
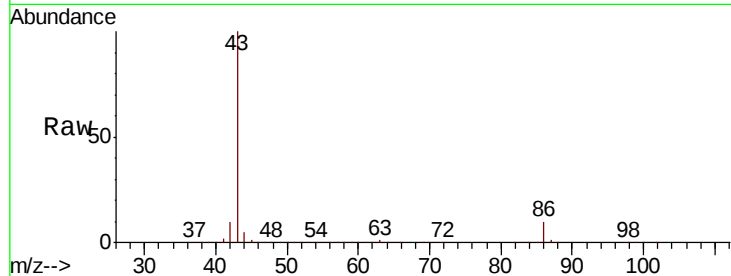




#23
 Vinyl Acetate
 Concen: 855.312 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

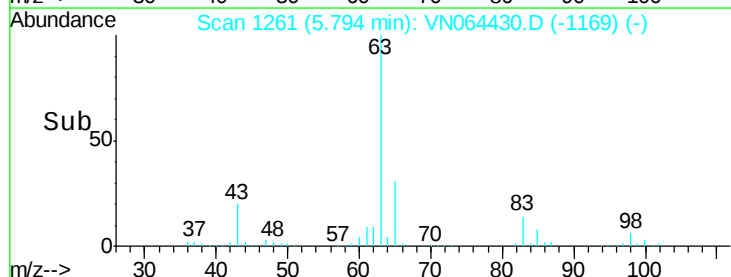
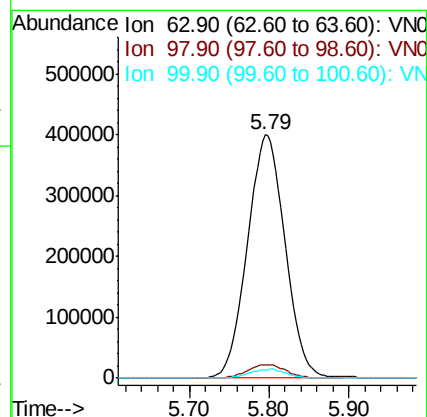
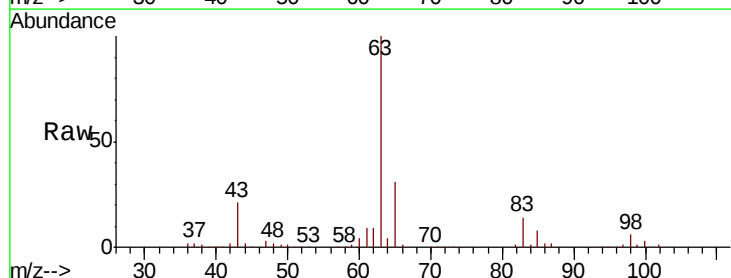
Instrument :
 MSVOA_N
 ClientSampleId :

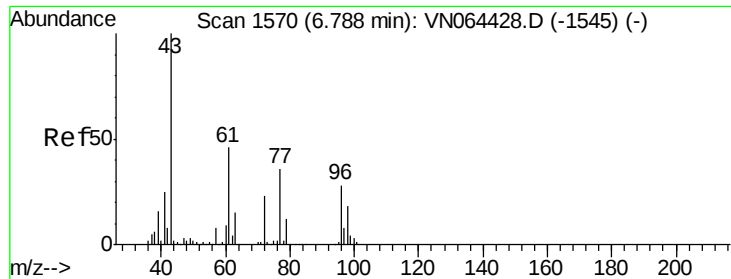
Tot Ion: 43 Resp:10158164
 Ion Ratio Lower Upper
 43 100
 86 10.0 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 162.808 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 63 Resp: 1281880
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.0 9.2
 100 3.4 1.8 5.3





#25

2-Butanone

Concen: 817.445 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

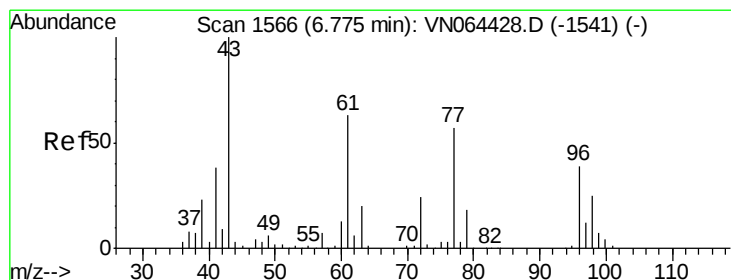
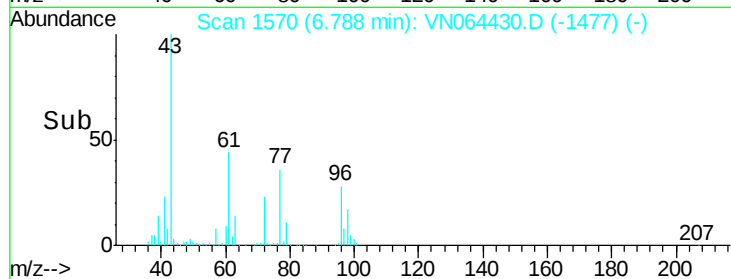
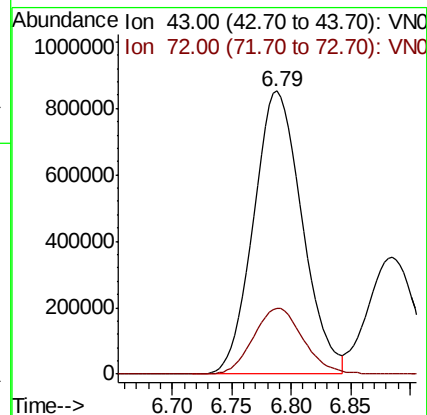
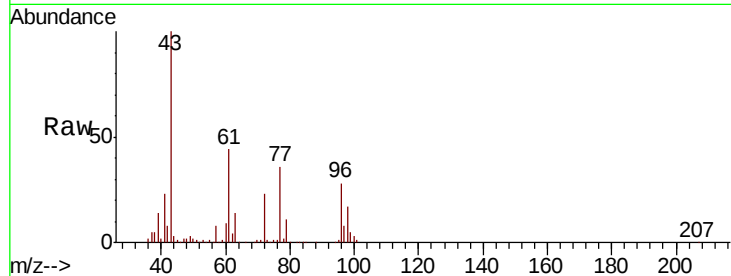
ClientSampled :

Tot Ion: 43 Resp: 2408673

Ion Ratio Lower Upper

43 100

72 23.4 18.5 27.7



#26

2,2-Dichloropropane

Concen: 153.280 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064430.D

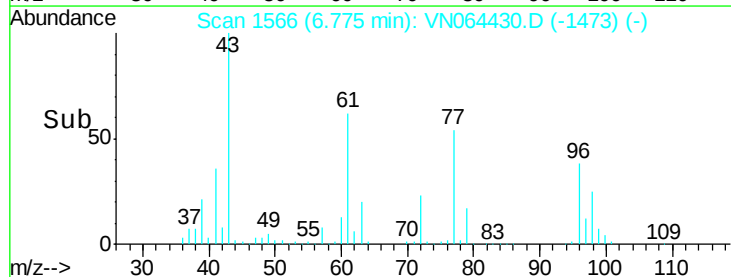
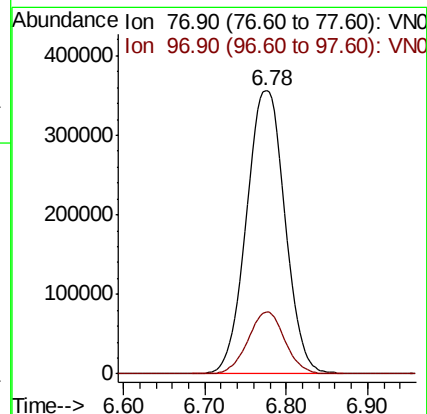
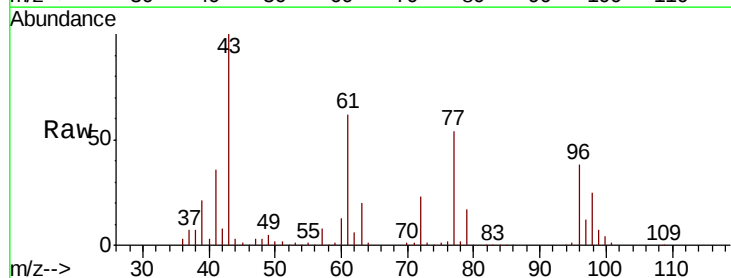
Acq: 4 Nov 2020 11:48

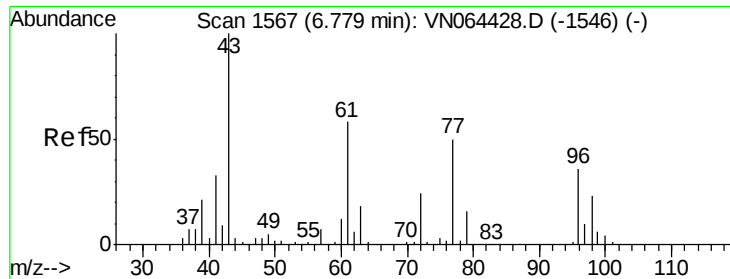
Tgt Ion: 77 Resp: 1164081

Ion Ratio Lower Upper

77 100

97 21.0 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 167.653 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :
MSVOA_N
ClientSampled :

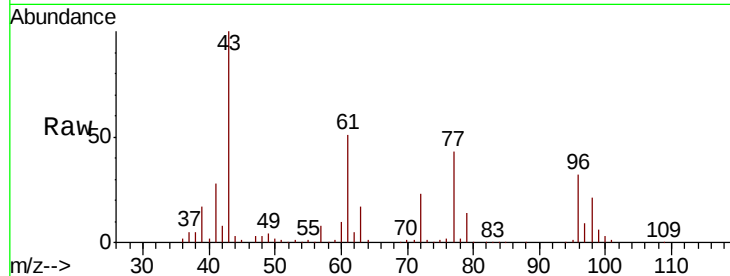
Tot Ion: 96 Resp: 754374

Ion Ratio Lower Upper

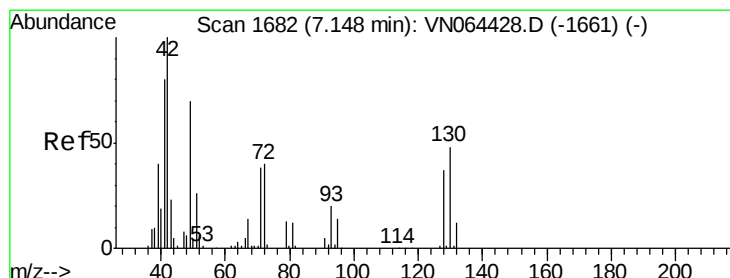
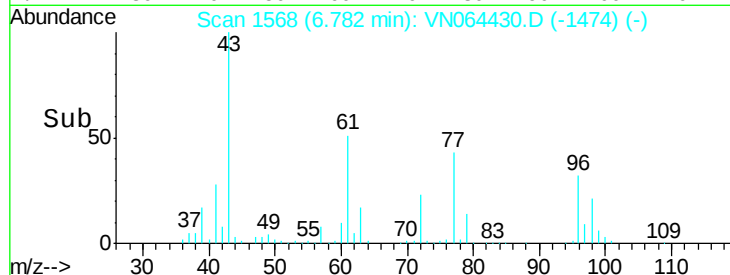
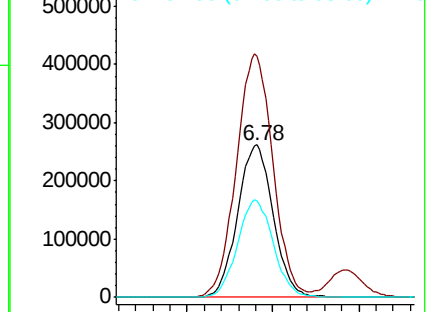
96 100

61 163.4 0.0 329.6

98 64.4 0.0 131.2



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



#28

Bromochloromethane

Concen: 181.847 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

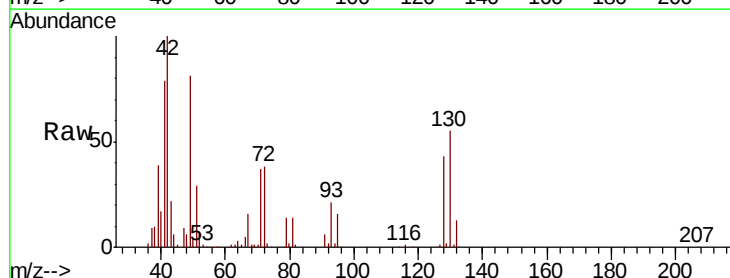
Tgt Ion: 49 Resp: 665321

Ion Ratio Lower Upper

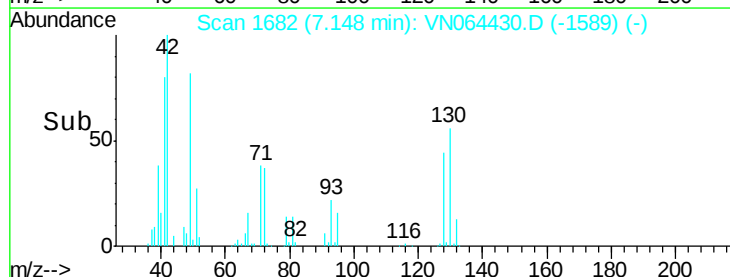
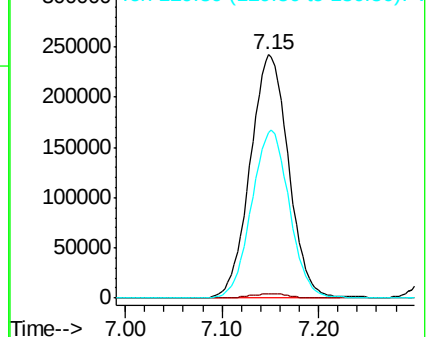
49 100

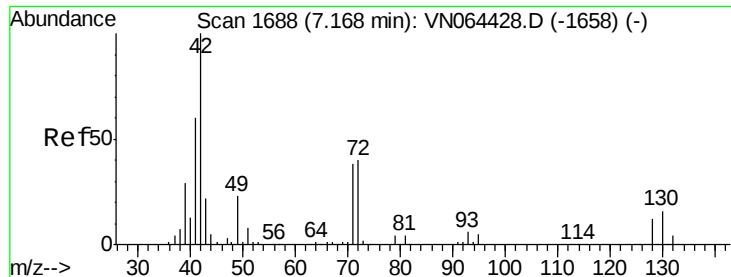
129 1.8 0.0 3.6

130 68.1 54.2 81.4



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

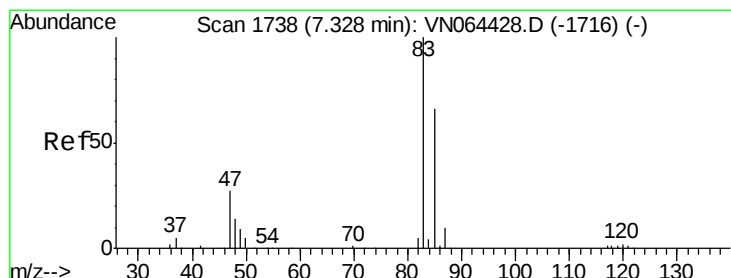
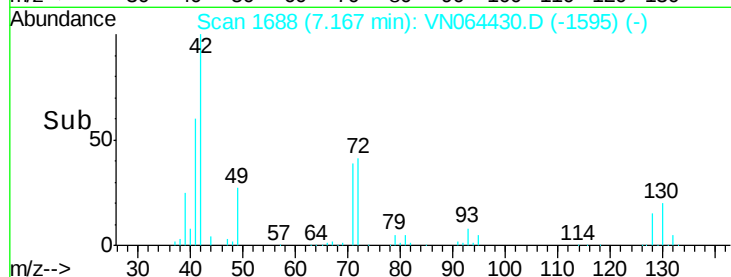
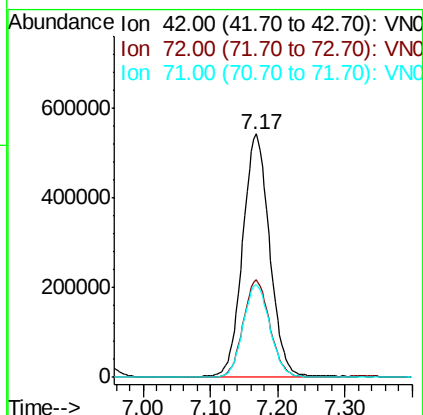
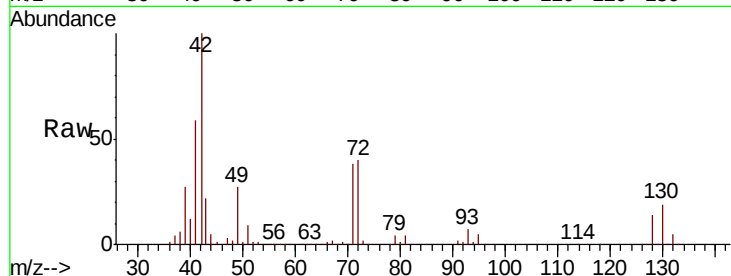




#29
Tetrahydrofuran
Concen: 803.502 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

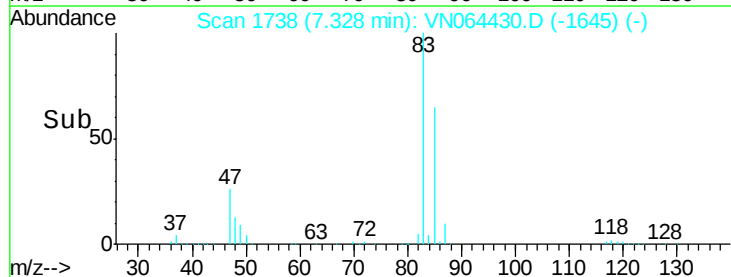
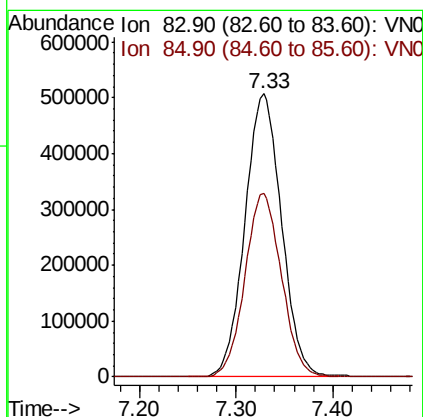
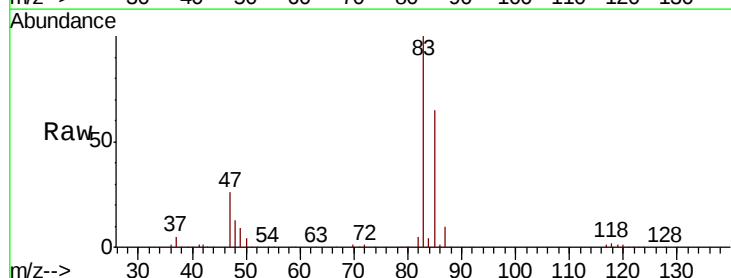
Instrument :
MSVOA_N
ClientSampleId :

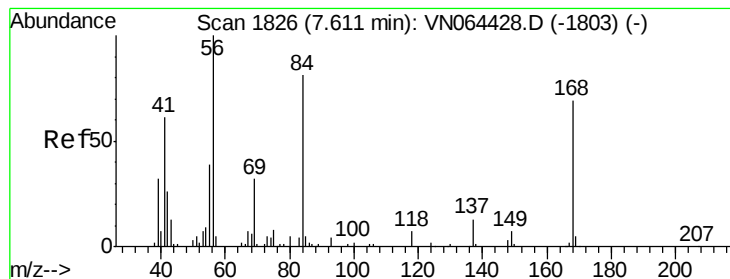
Tot Ion: 42 Resp: 1515109
Ion Ratio Lower Upper
42 100
72 39.3 31.7 47.5
71 37.9 29.8 44.6



#30
Chloroform
Concen: 158.431 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 83 Resp: 1331649
Ion Ratio Lower Upper
83 100
85 64.8 52.5 78.7





#31

Cyclohexane

Concen: 156.522 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

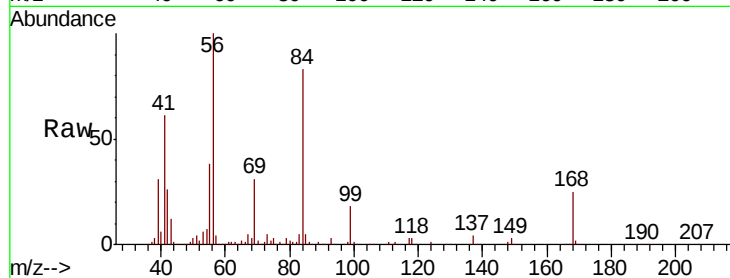
Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 1081972

Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.6	38.4
84	81.6	63.0	94.6

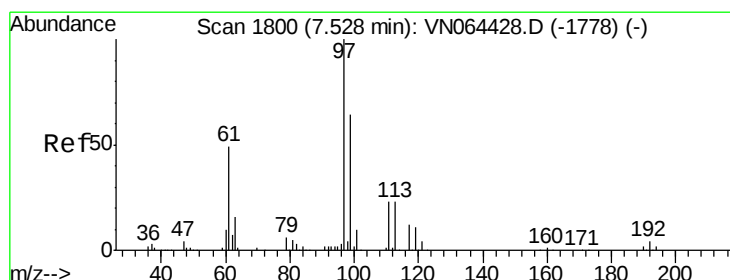
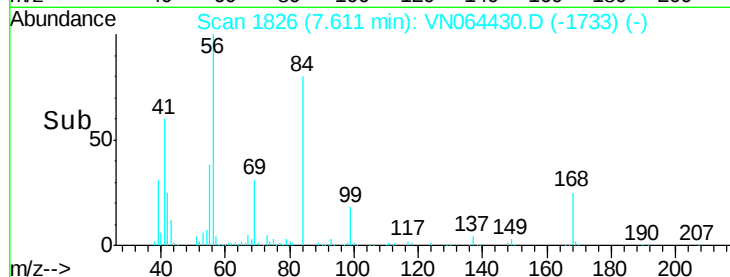
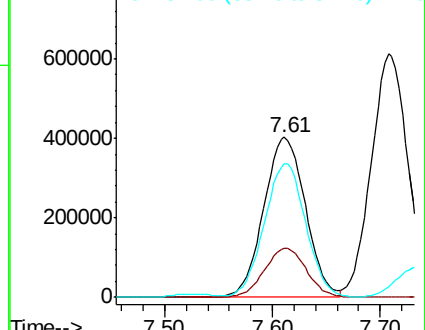


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 150.062 ug/l

RT: 7.53 min Scan# 1800

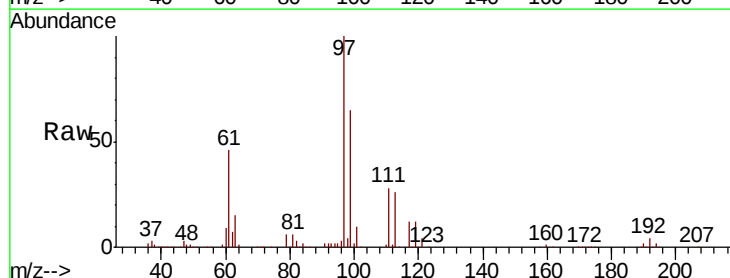
Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Tgt Ion: 97 Resp: 1190921

Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	46.4	39.1	58.7

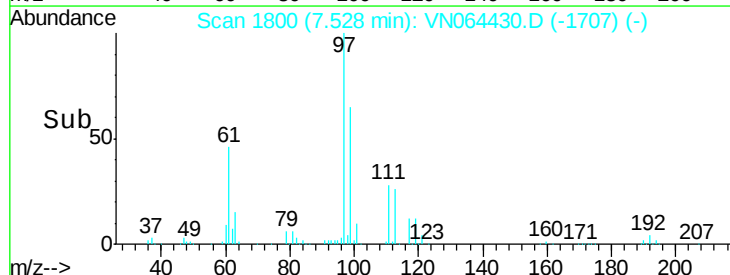
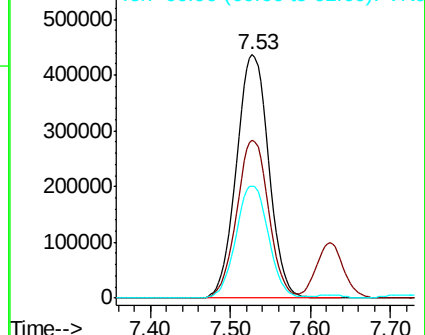


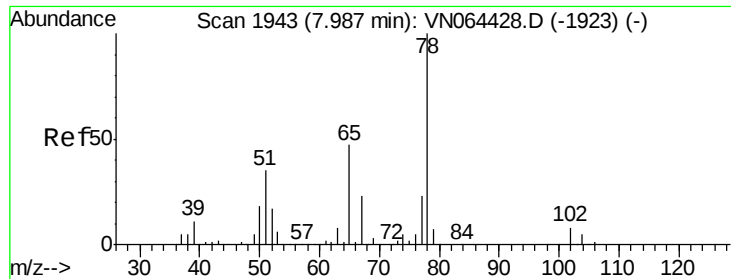
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

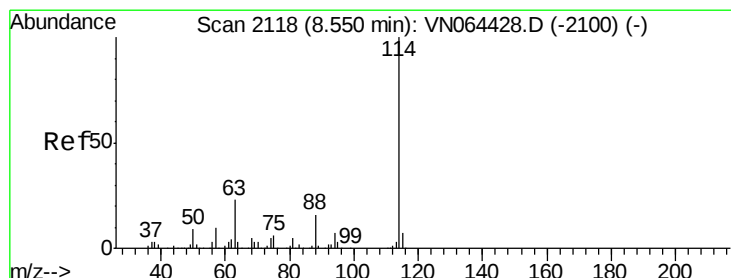
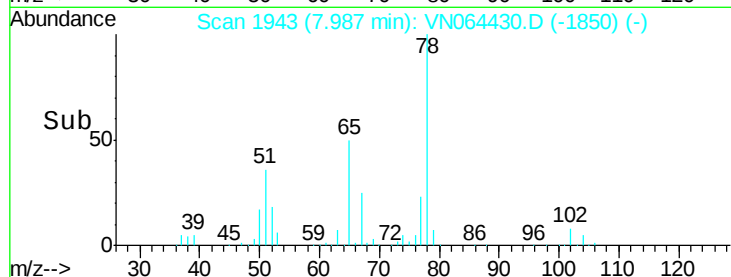
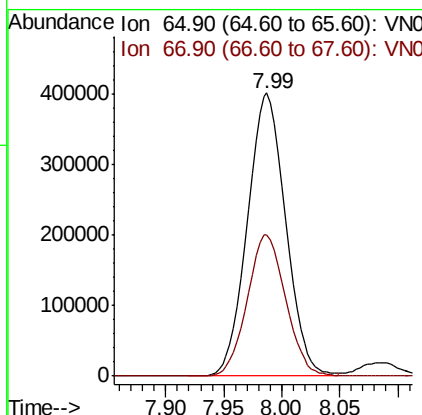
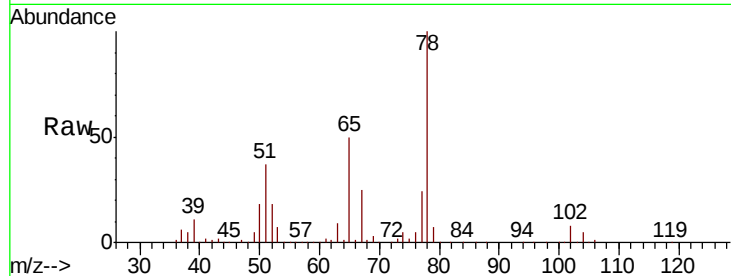




#33
 1,2-Dichloroethane-d4
 Concen: 158.264 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

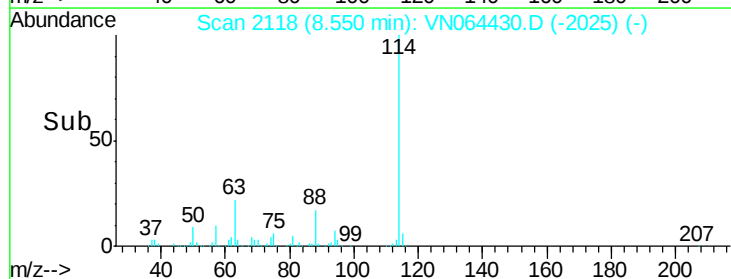
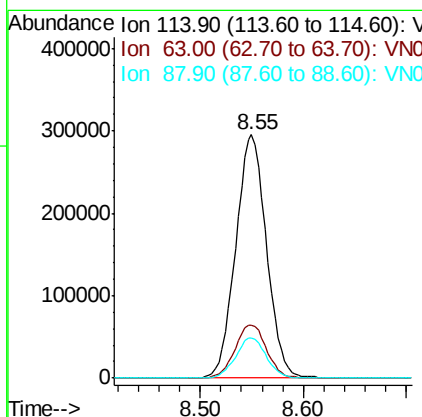
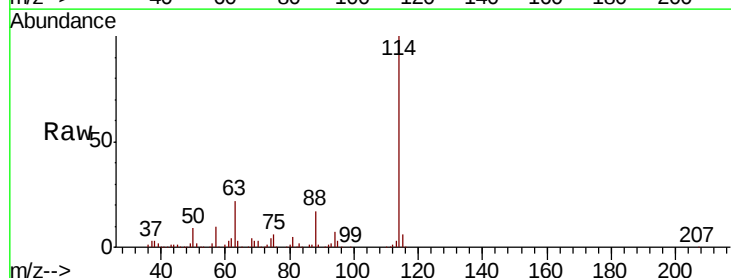
Instrument :
 MSVOA_N
 ClientSampled :

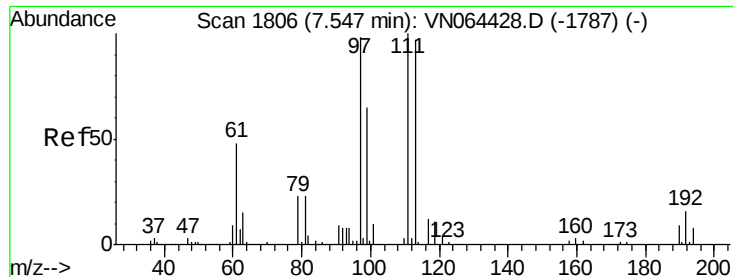
Tot Ion: 65 Resp: 923801
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 114 Resp: 612642
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.6
 88 16.6 0.0 32.8

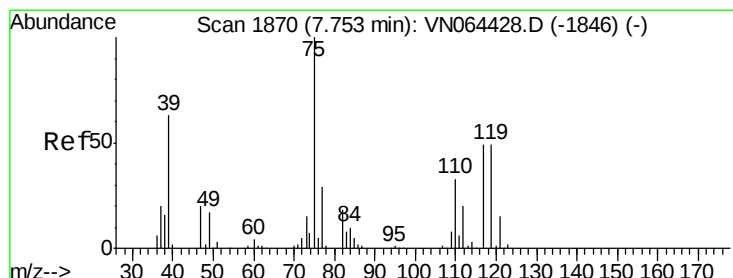
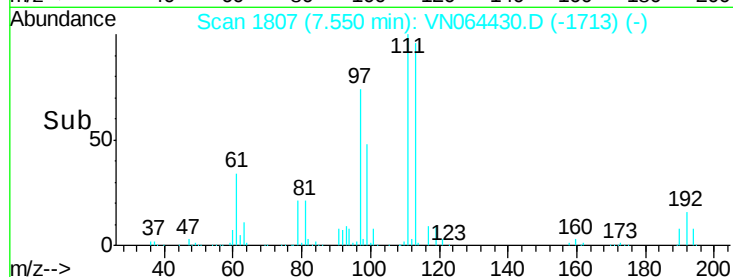
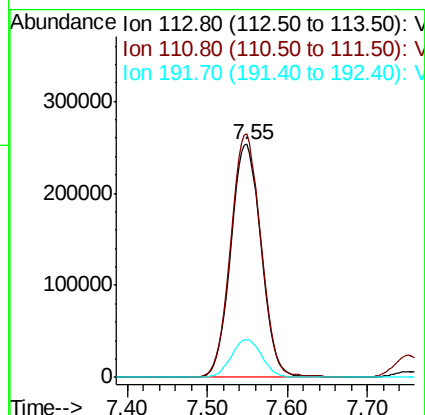
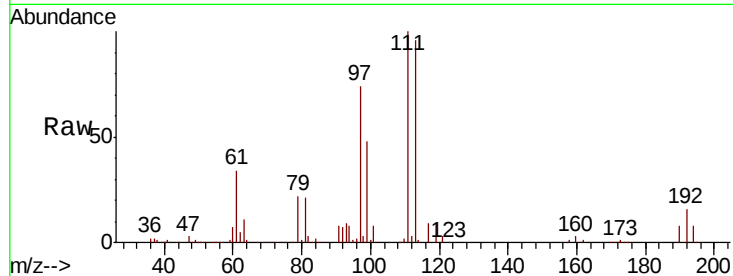




#35
 Dibromofluoromethane
 Concen: 159.231 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

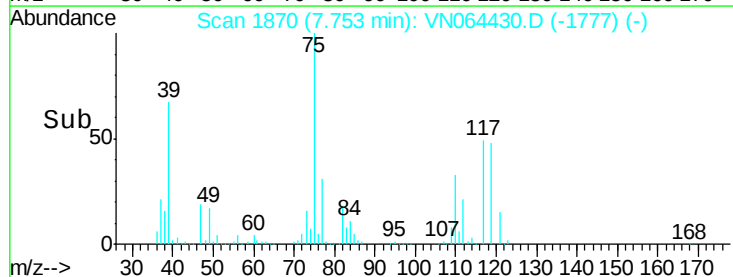
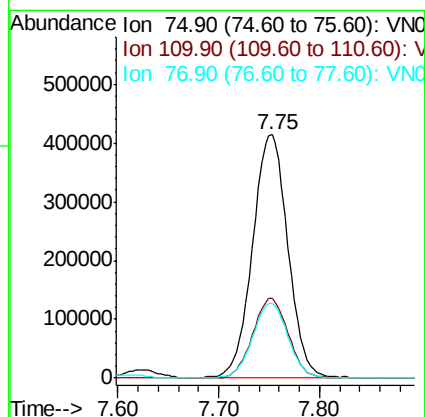
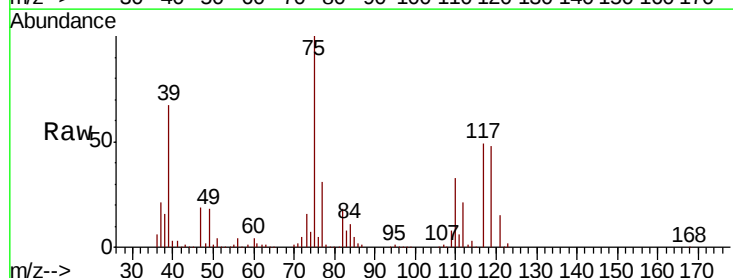
Instrument :
 MSVOA_N
 ClientSampleId :

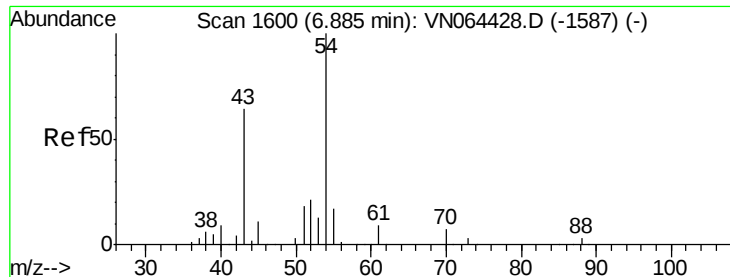
Tot Ion:113 Resp: 650994
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.1 121.7
 192 16.4 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 158.735 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 75 Resp: 1002735
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.0 48.0
 77 31.0 24.0 36.0

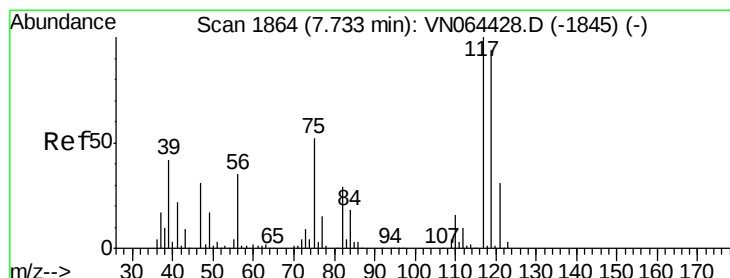
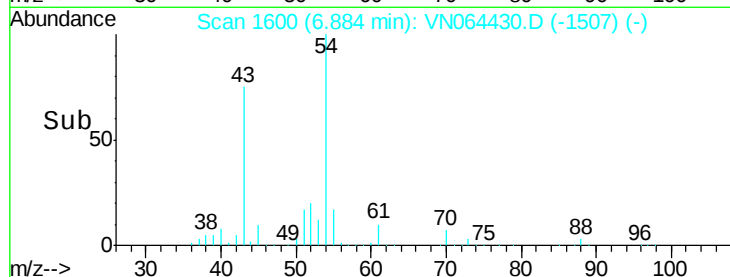
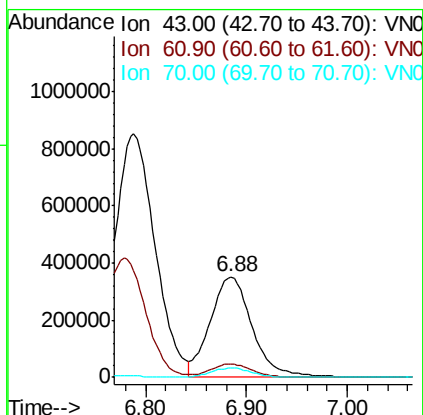
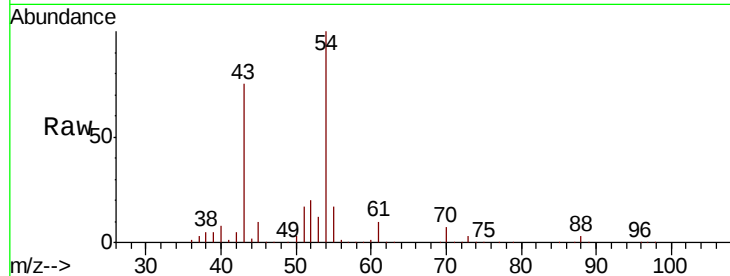




#37
Ethyl Acetate
Concen: 158.834 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

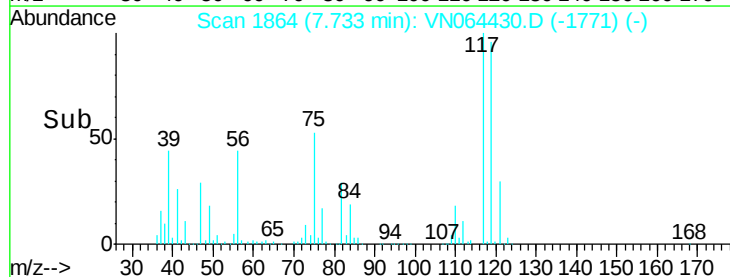
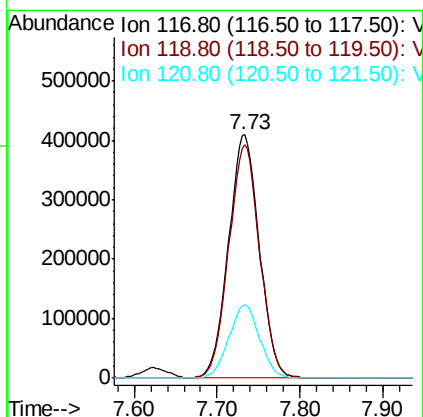
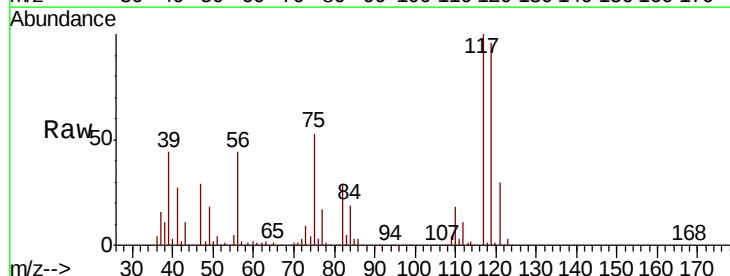
Instrument :
MSVOA_N
ClientSampled :

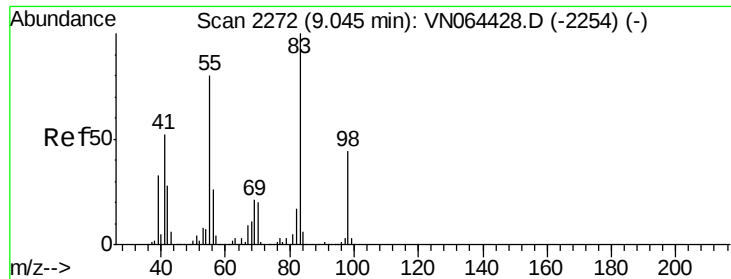
Tot Ion: 43 Resp: 1000934
Ion Ratio Lower Upper
43 100
61 12.8 10.0 15.0
70 9.0 7.1 10.7



#38
Carbon Tetrachloride
Concen: 147.192 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 117 Resp: 1054366
Ion Ratio Lower Upper
117 100
119 95.9 75.5 113.3
121 30.2 24.4 36.6

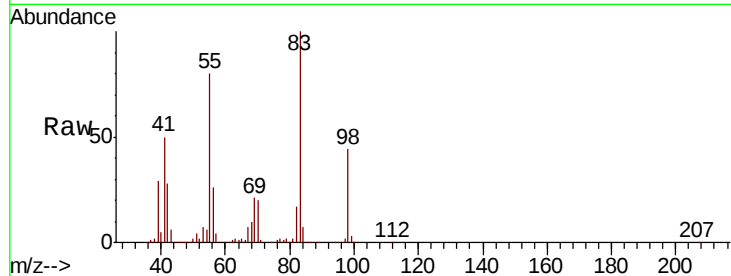




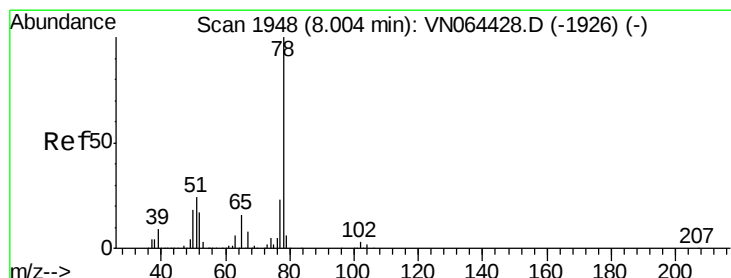
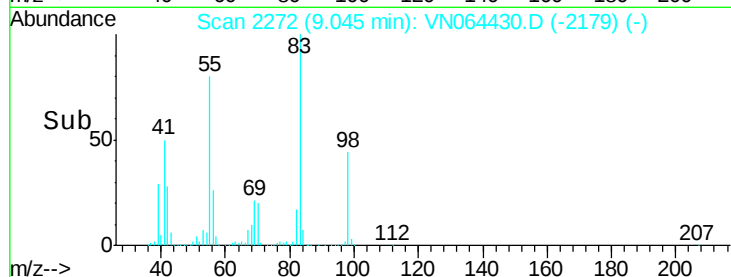
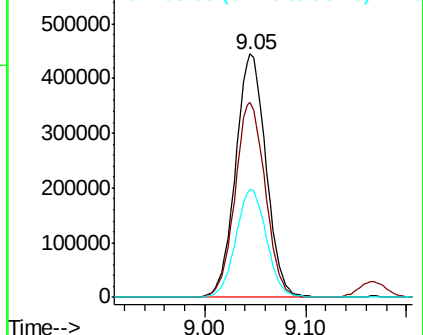
#39
Methvlcvclohexane
Concen: 150.633 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 928033
Ion Ratio Lower Upper
83 100
55 79.9 63.8 95.6
98 44.4 35.4 53.2

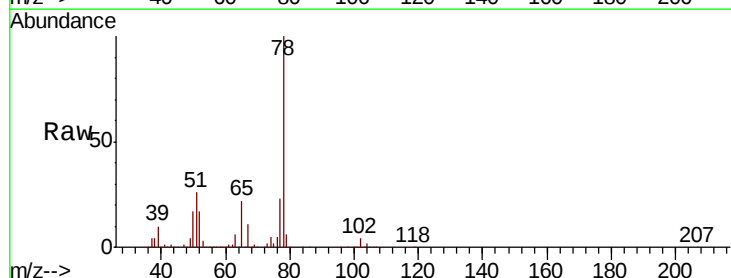


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

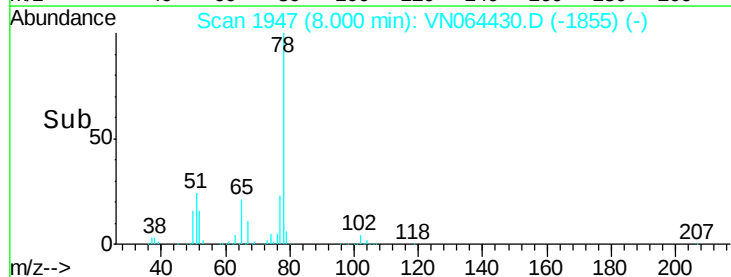
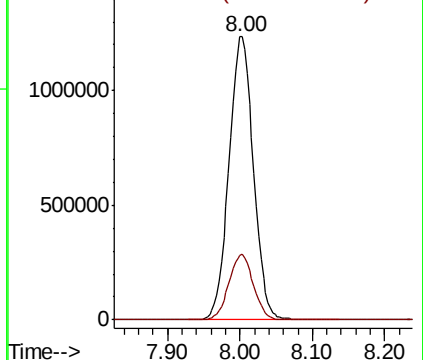


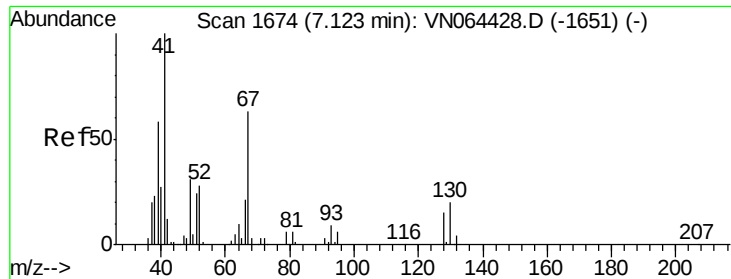
#40
Benzene
Concen: 163.691 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 78 Resp: 2896640
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1



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

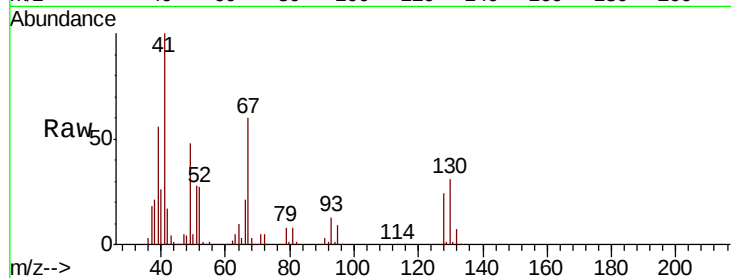




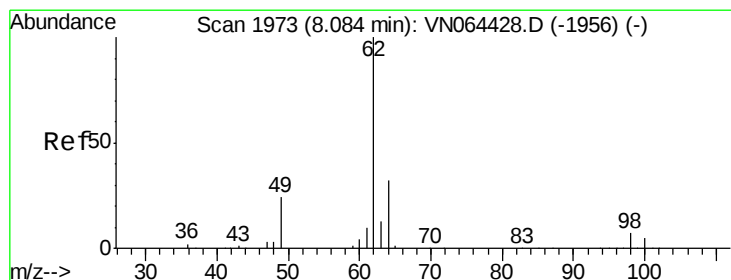
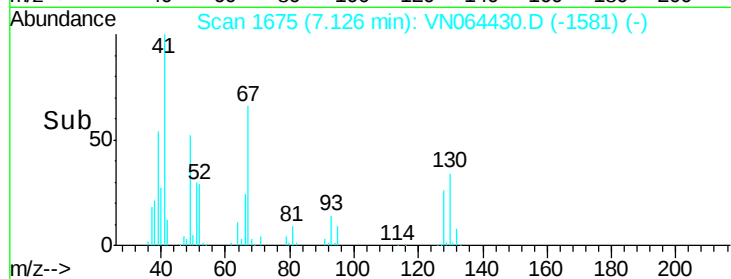
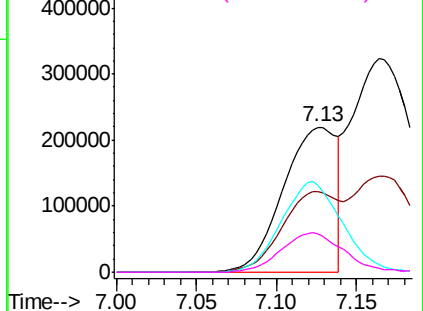
#41
Methacrylonitrile
Concen: 166.401 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 510740
Ion Ratio Lower Upper
41 100
39 59.4 50.0 75.0
67 72.0 68.3 102.5
52 31.8 32.7 49.1#

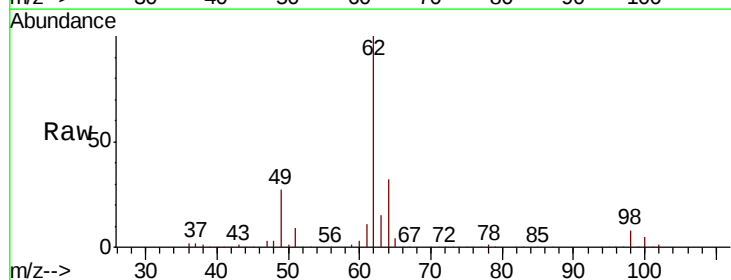


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

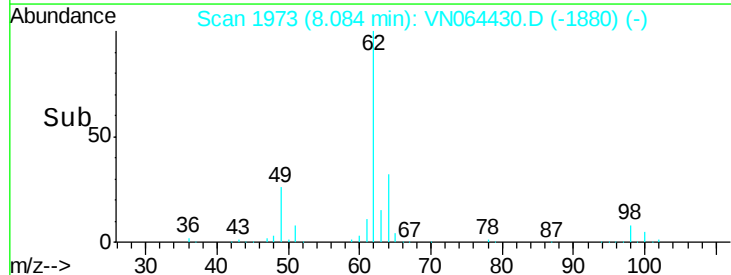
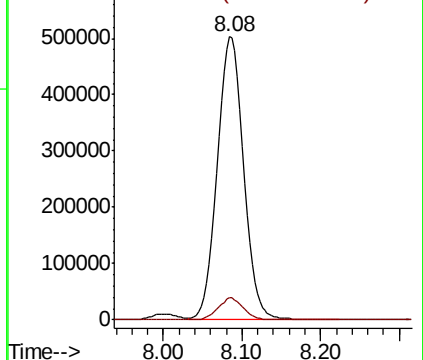


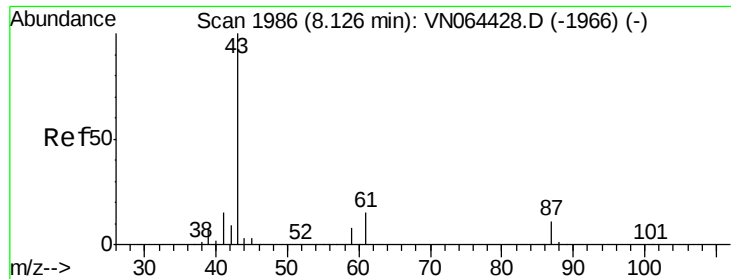
#42
1,2-Dichloroethane
Concen: 153.557 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 62 Resp: 1156959
Ion Ratio Lower Upper
62 100
98 7.3 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: 161.748 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

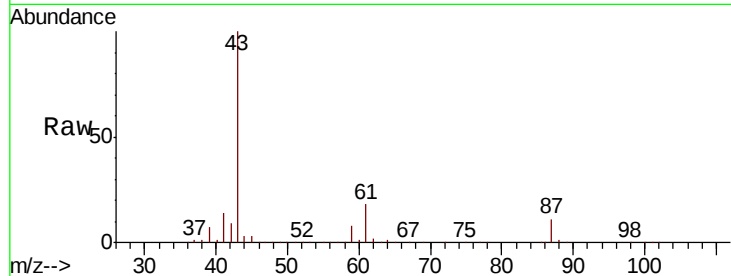
Tot Ion: 43 Resp: 1739069

Ion Ratio Lower Upper

43 100

61 18.3 14.0 21.0

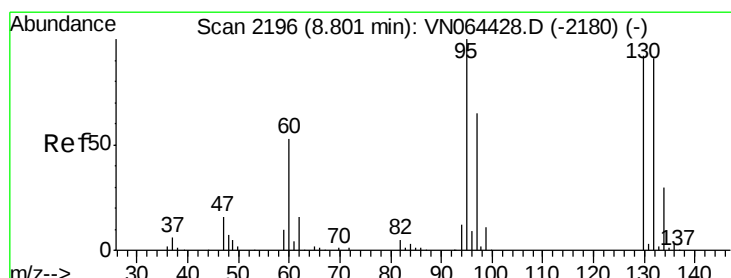
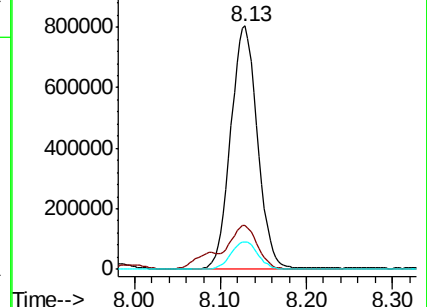
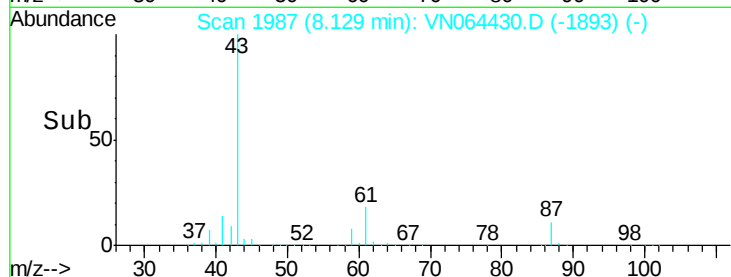
87 11.5 9.1 13.7



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

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

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



#44

Trichloroethene

Concen: 157.110 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064430.D

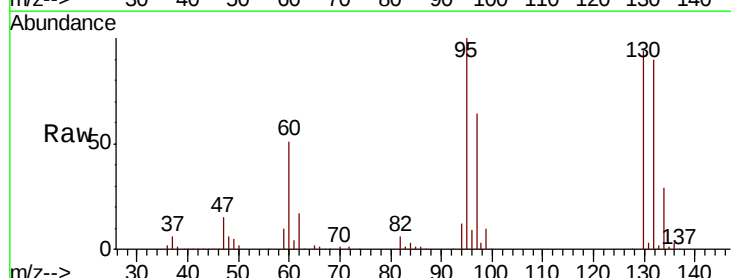
Acq: 4 Nov 2020 11:48

Tgt Ion:130 Resp: 717718

Ion Ratio Lower Upper

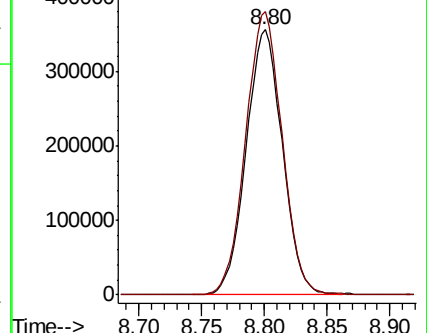
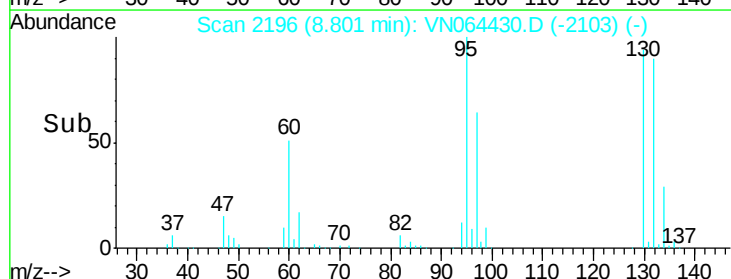
130 100

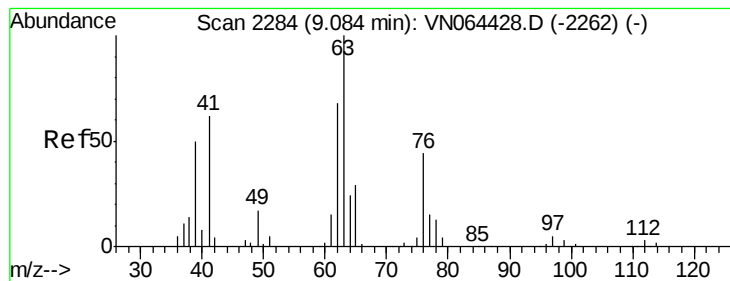
95 106.9 0.0 216.8



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

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





#45

1,2-Dichloropropane

Concen: 162.649 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

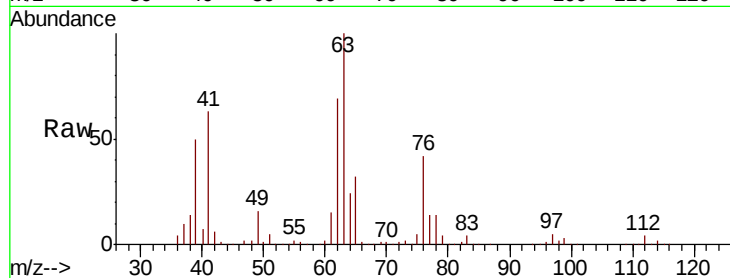
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 772005

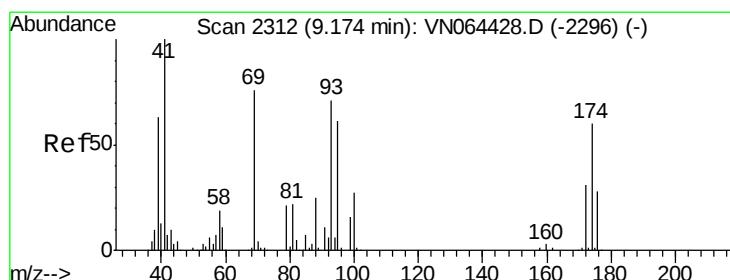
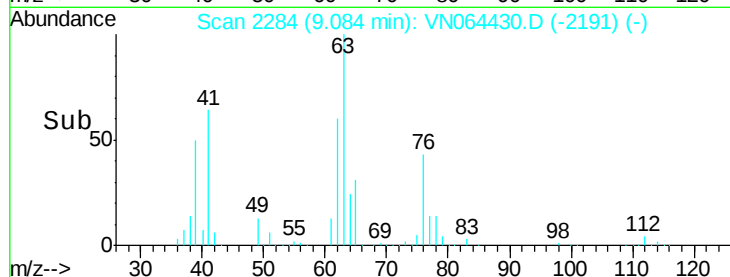
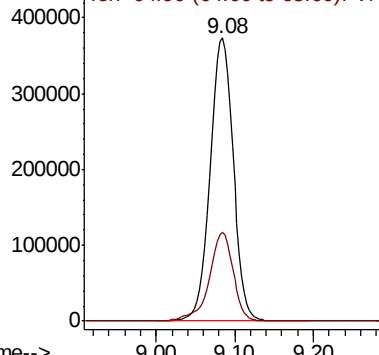
Ion Ratio Lower Upper

63 100

65 31.5 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 157.790 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

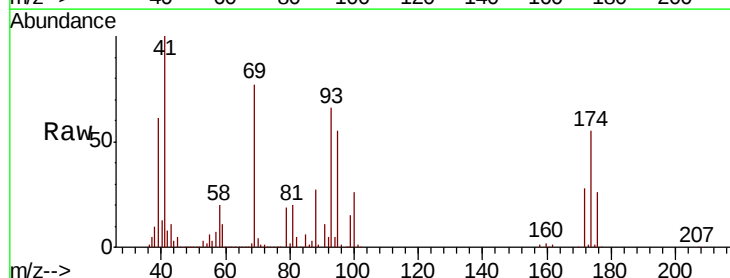
Tgt Ion: 93 Resp: 514123

Ion Ratio Lower Upper

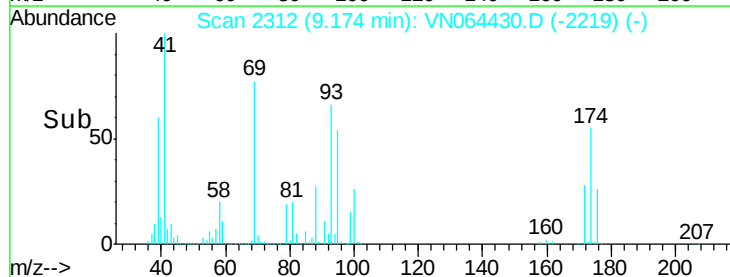
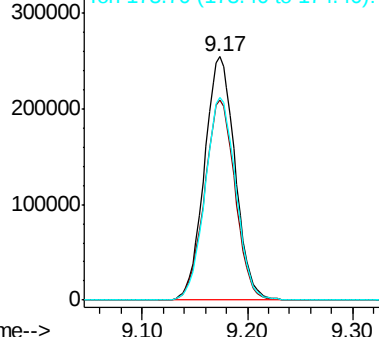
93 100

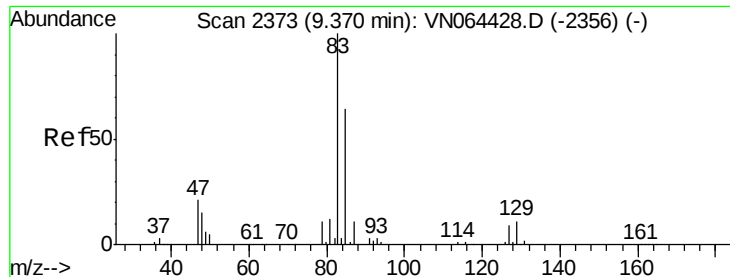
95 82.0 66.4 99.6

174 83.5 67.2 100.8



Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 153.010 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

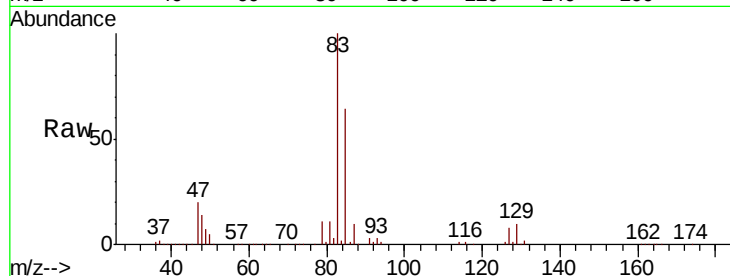
Tot Ion: 83 Resp: 1107033

Ion Ratio Lower Upper

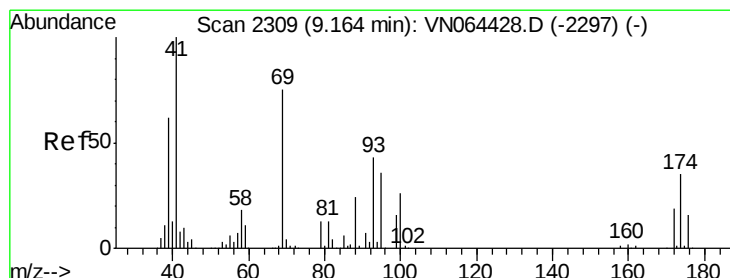
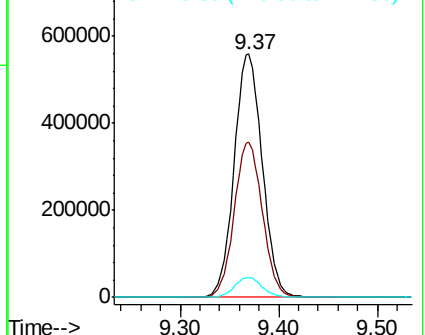
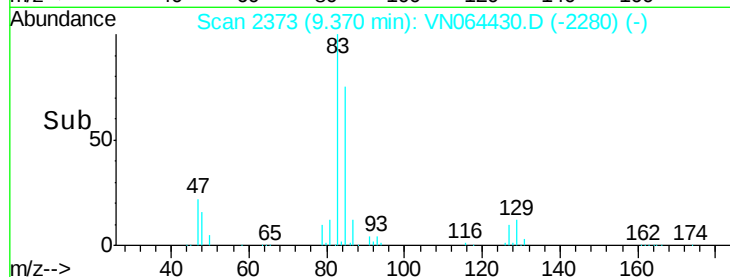
83 100

85 64.0 51.2 76.8

127 8.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064430.D (-2280) (-)



#48

Methyl methacrylate

Concen: 158.372 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

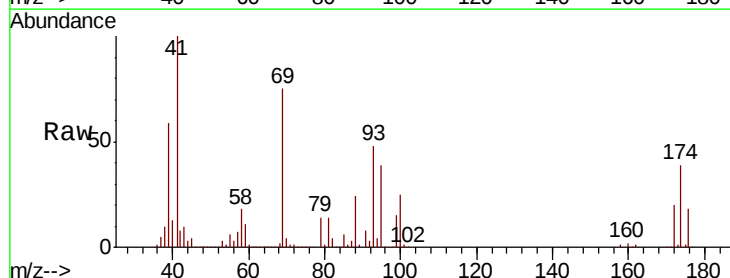
Tgt Ion: 41 Resp: 879561

Ion Ratio Lower Upper

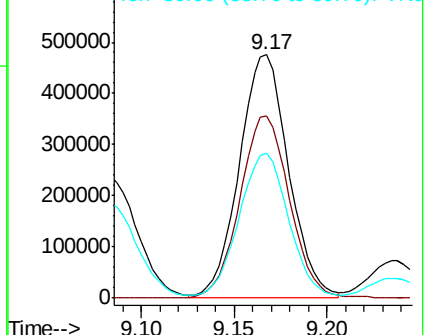
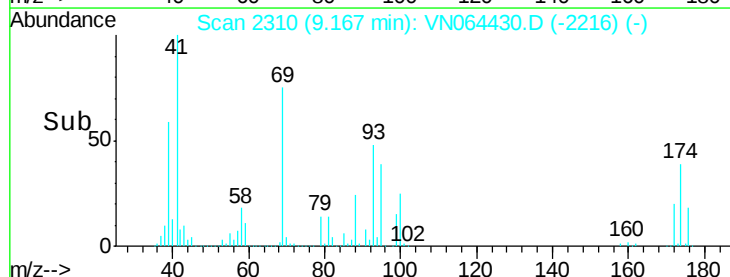
41 100

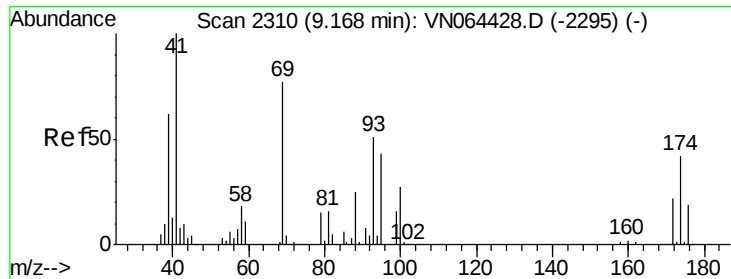
69 75.6 60.4 90.6

39 60.3 51.2 76.8



Abundance Ion 41.00 (40.70 to 41.70): VN064430.D (-2216) (-)

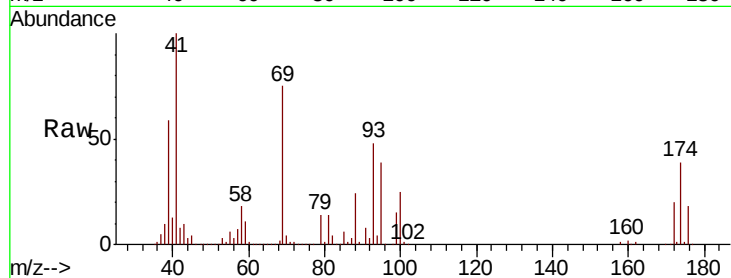




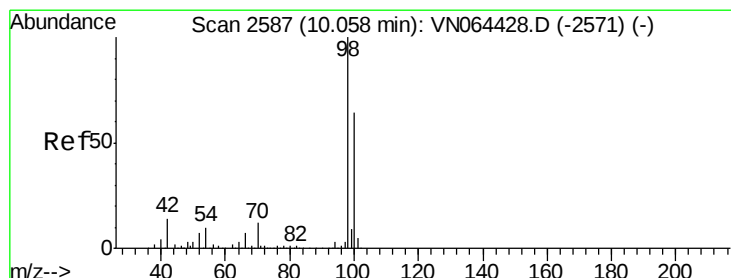
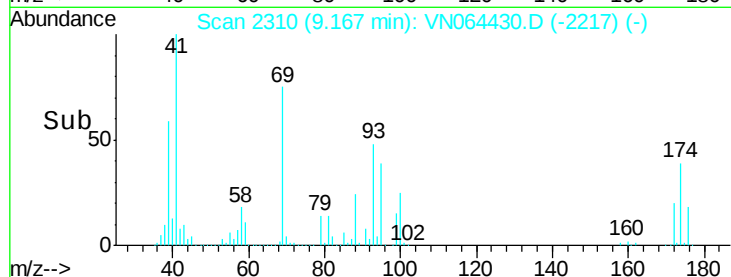
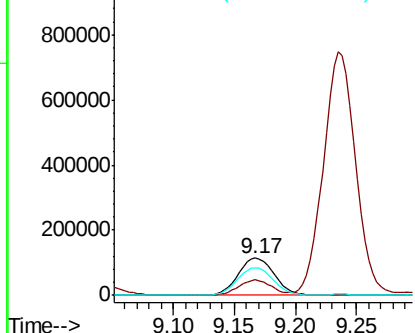
#49
1,4-Dioxane
Concen: 2930.912 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 234531
Ion Ratio Lower Upper
88 100
43 38.1 31.0 46.6
58 73.2 58.4 87.6

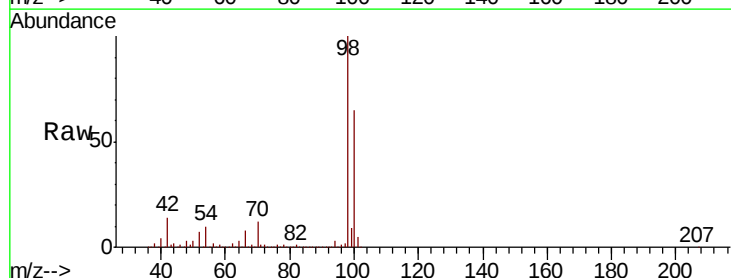


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

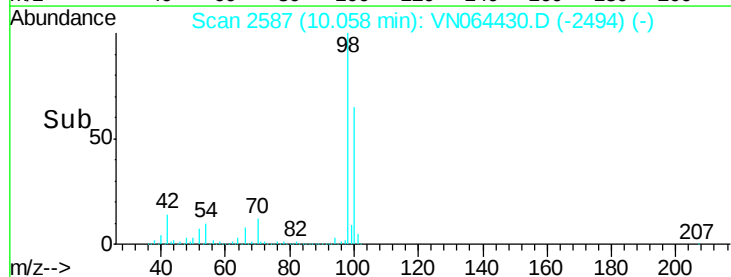
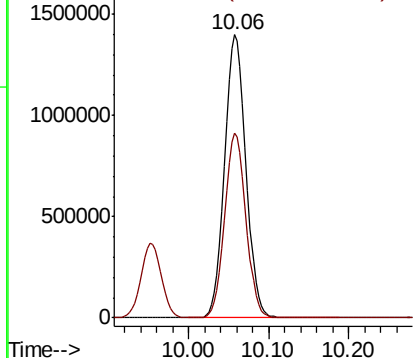


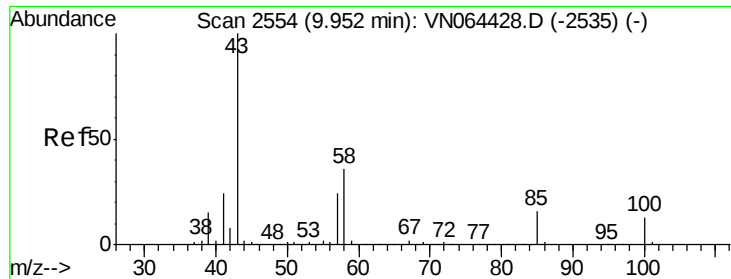
#50
Toluene-d8
Concen: 166.904 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 98 Resp: 2560897
Ion Ratio Lower Upper
98 100
100 64.8 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 774.841 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

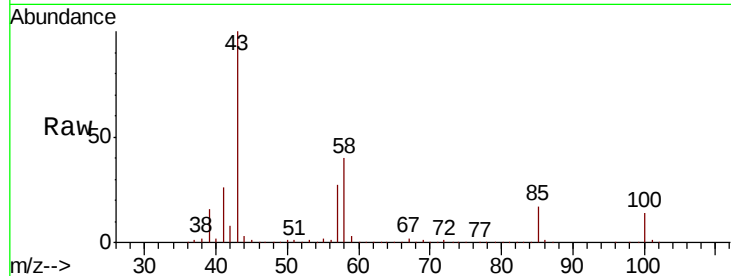
ClientSampled :

Tot Ion: 43 Resp: 4869610

Ion Ratio Lower Upper

43 100

58 38.6 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.95

2500000

2000000

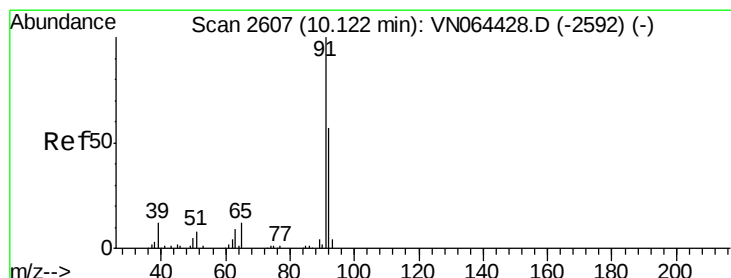
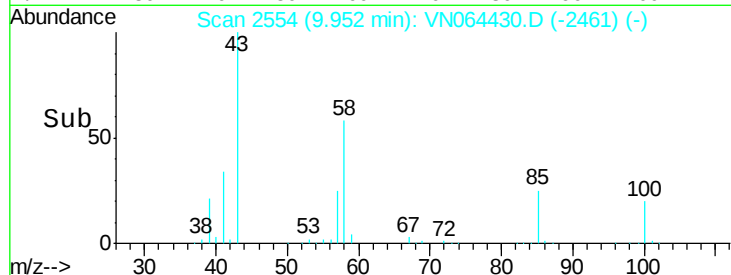
1500000

1000000

500000

0

Time-->



#52

Toluene

Concen: 165.533 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064430.D

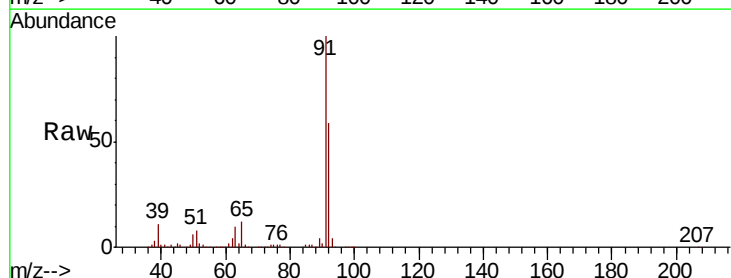
Acq: 4 Nov 2020 11:48

Tgt Ion: 92 Resp: 1845276

Ion Ratio Lower Upper

92 100

91 172.0 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

10.12

2000000

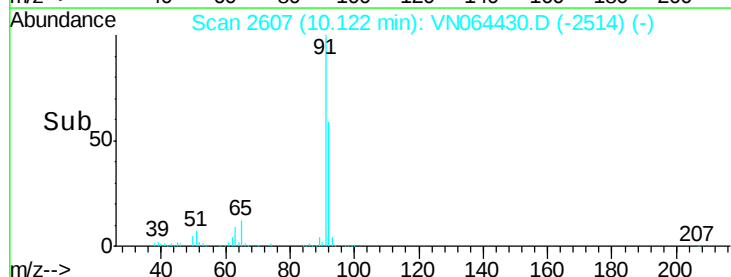
1500000

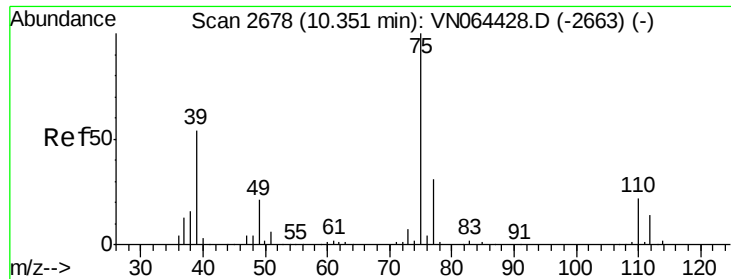
1000000

500000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 165.896 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

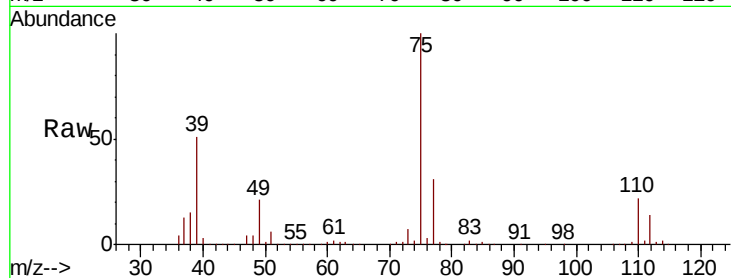
ClientSampled :

Tot Ion: 75 Resp: 1276284

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

800000

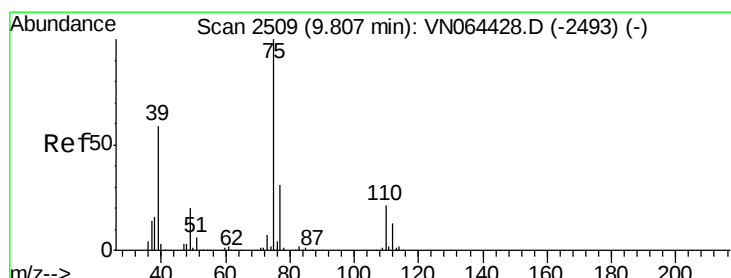
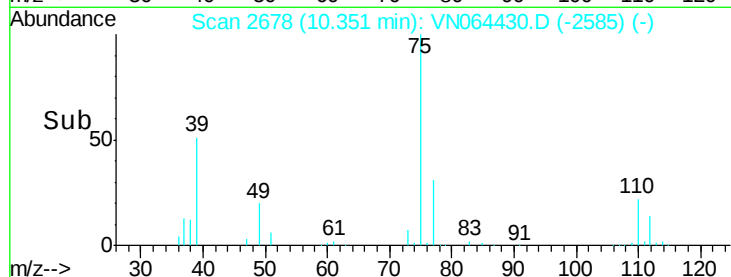
600000

400000

200000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 168.052 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

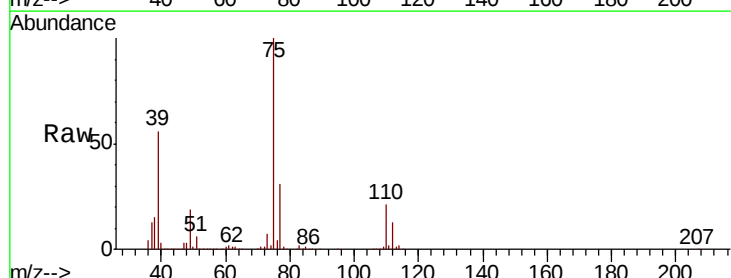
Tgt Ion: 75 Resp: 1329858

Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

39 56.4 47.1 70.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

1000000

800000

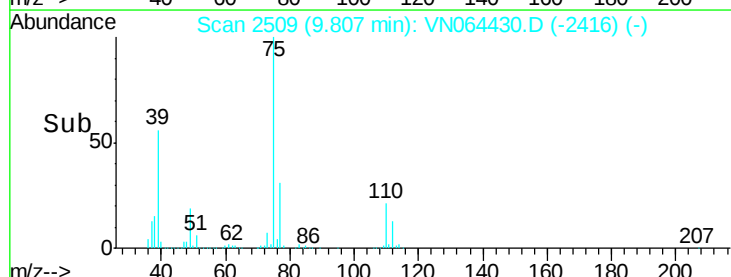
600000

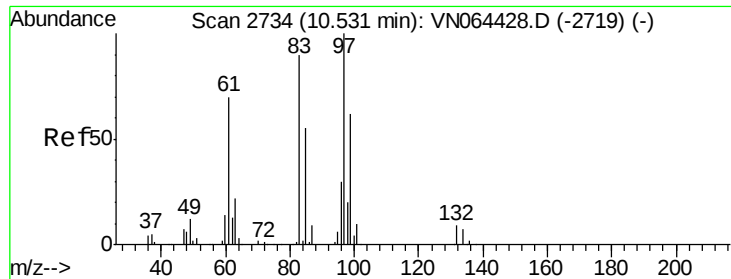
400000

200000

0

Time-->

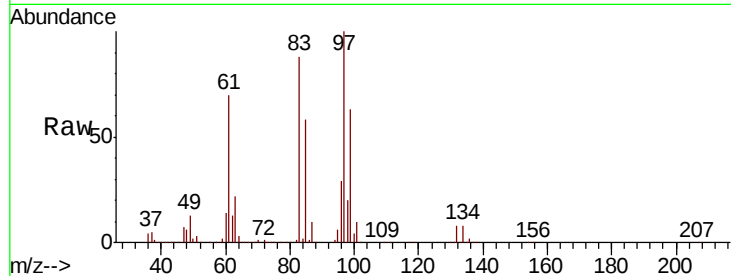




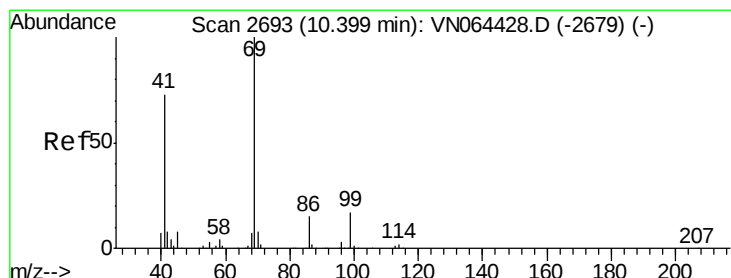
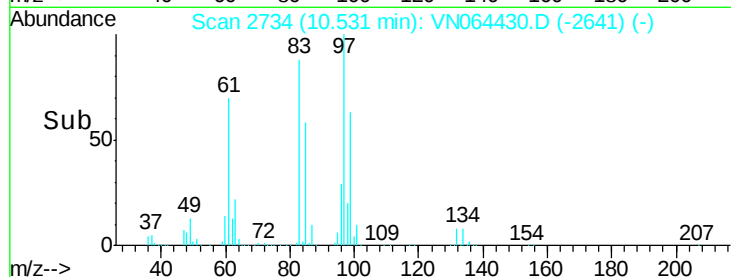
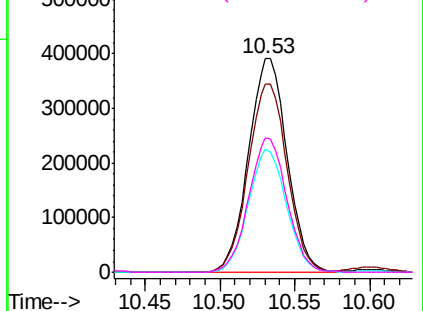
#55
 1,1,2-Trichloroethane
 Concen: 160.267 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 701669
 Ion Ratio Lower Upper
 97 100
 83 88.4 71.7 107.5
 85 57.8 44.3 66.5
 99 62.7 49.4 74.2

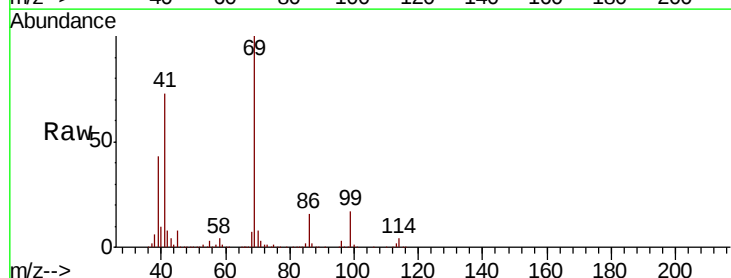


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

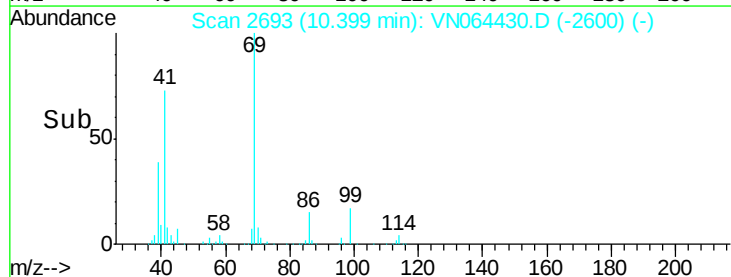
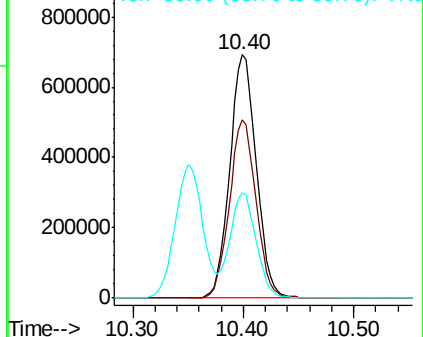


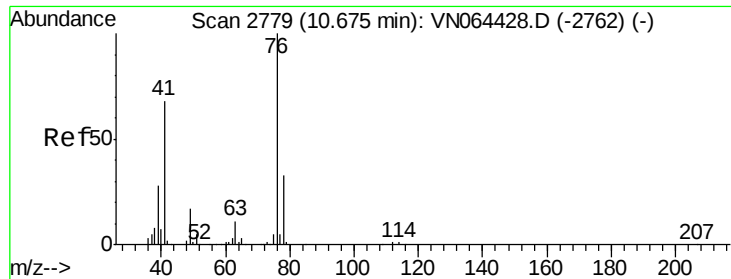
#56
 Ethyl methacrylate
 Concen: 174.964 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 69 Resp: 1154670
 Ion Ratio Lower Upper
 69 100
 41 72.6 59.3 88.9
 39 42.8 35.4 53.0



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 167.784 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

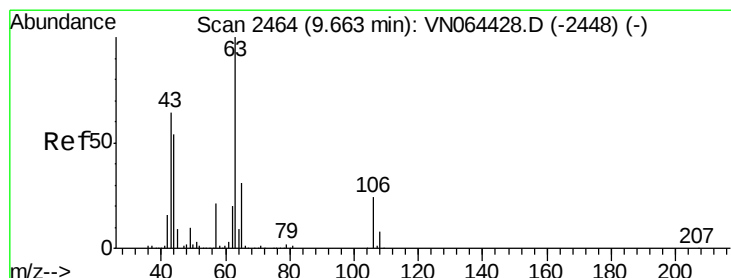
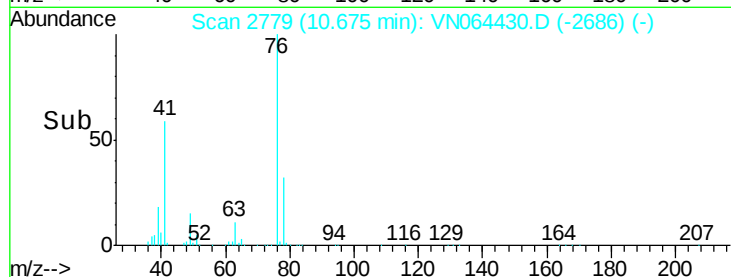
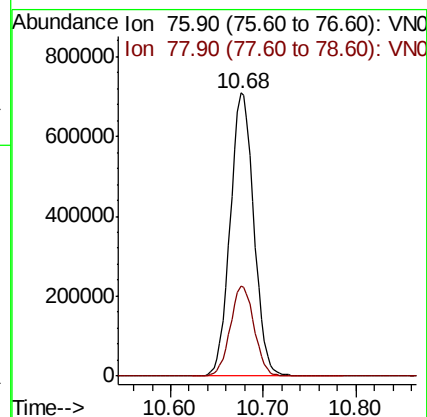
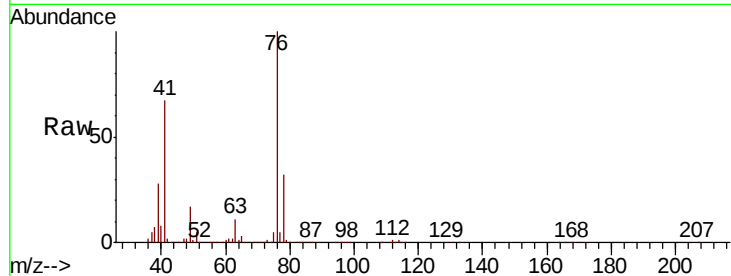
ClientSampled :

Tot Ion: 76 Resp: 1252715

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 848.397 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064430.D

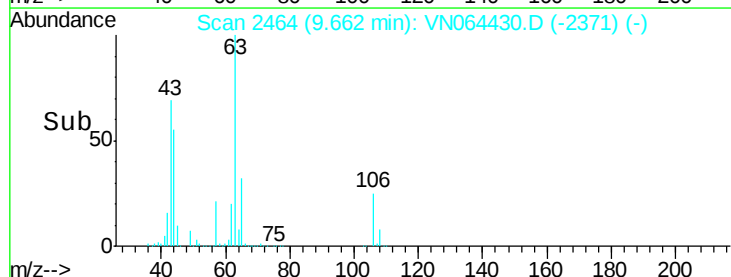
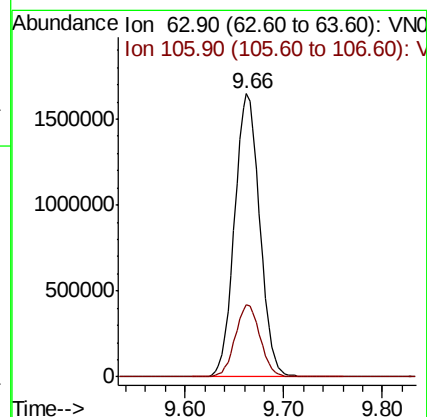
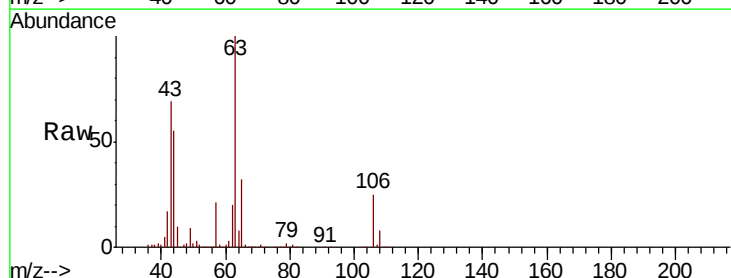
Acq: 4 Nov 2020 11:48

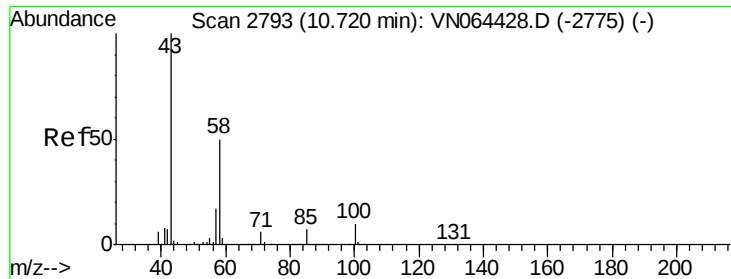
Tgt Ion: 63 Resp: 2913035

Ion Ratio Lower Upper

63 100

106 25.2 19.5 29.3

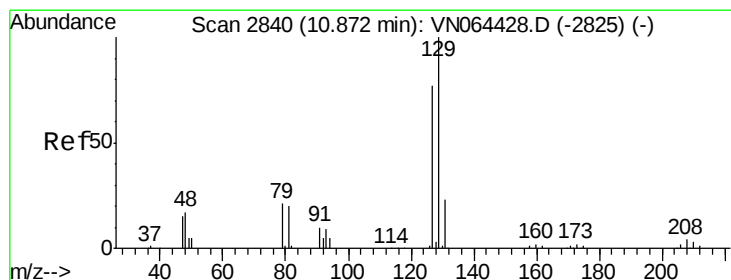
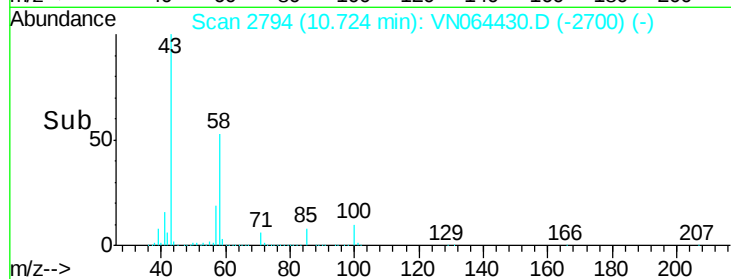
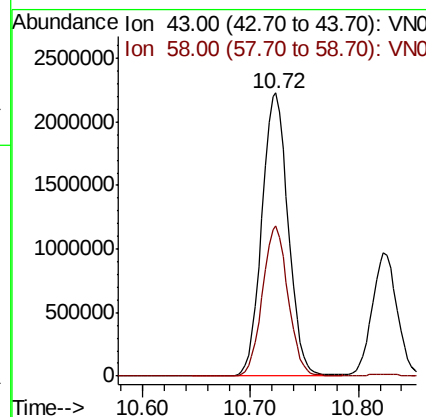
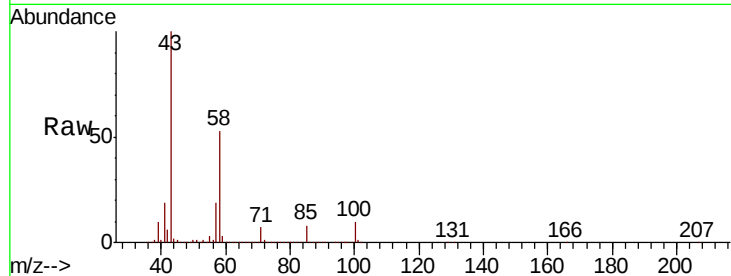




#59
2-Hexanone
Concen: 815.213 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

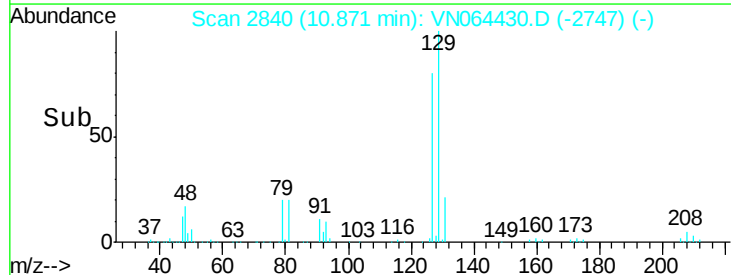
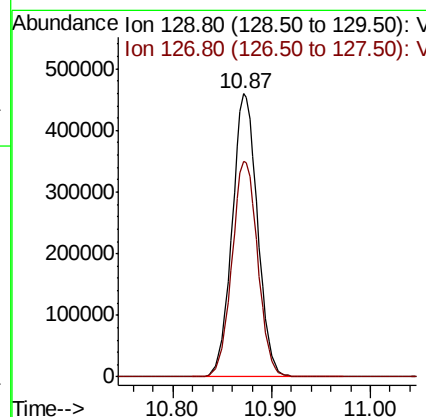
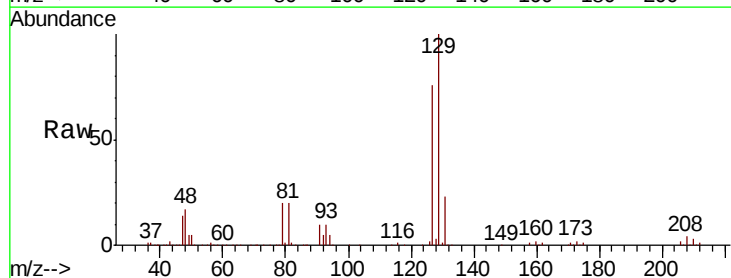
Instrument :
MSVOA_N
ClientSampled :

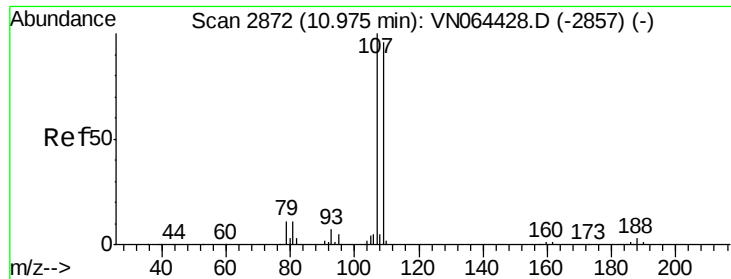
Tot Ion: 43 Resp: 3765445
Ion Ratio Lower Upper
43 100
58 51.7 24.7 74.1



#60
Dibromochloromethane
Concen: 162.284 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 129 Resp: 827238
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7

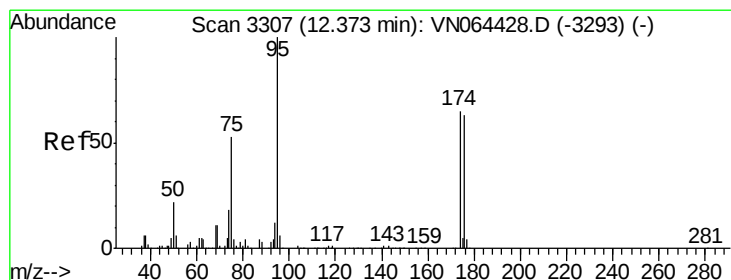
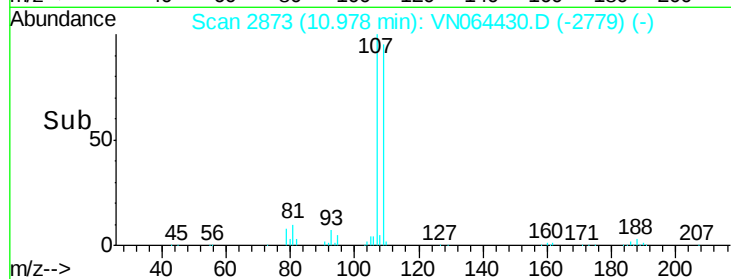
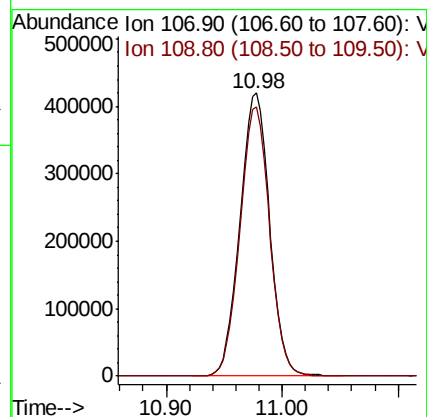
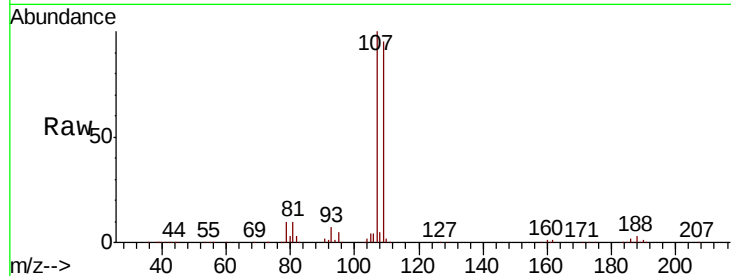




#61
 1,2-Dibromoethane
 Concen: 167.358 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

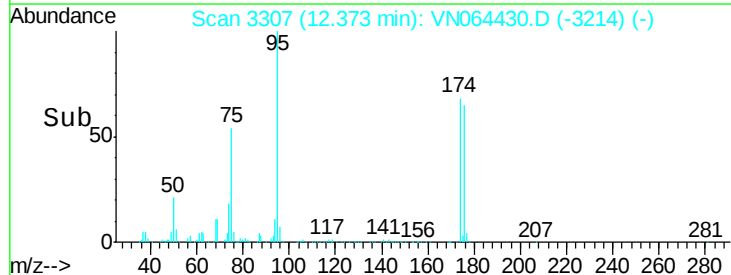
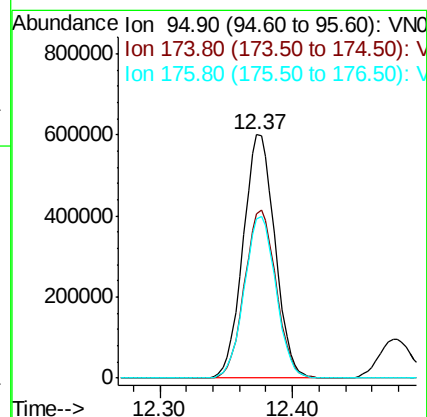
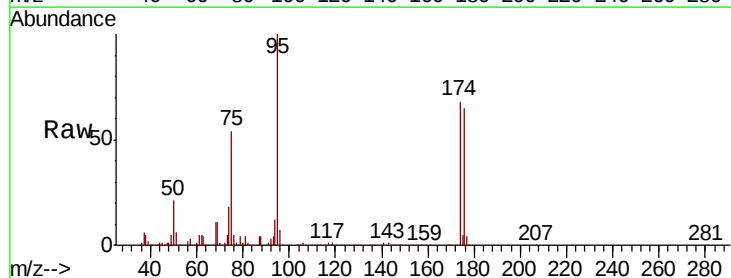
Instrument :
 MSVOA_N
 ClientSampleId :

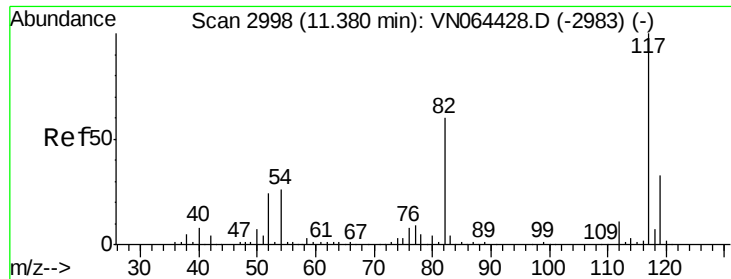
Tot Ion:107 Resp: 741970
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 168.541 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 95 Resp: 1001876
 Ion Ratio Lower Upper
 95 100
 174 68.5 0.0 132.6
 176 66.2 0.0 129.2

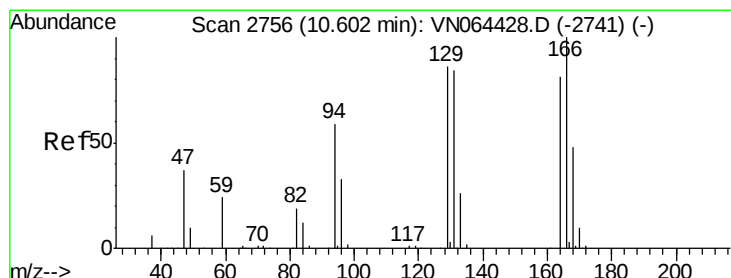
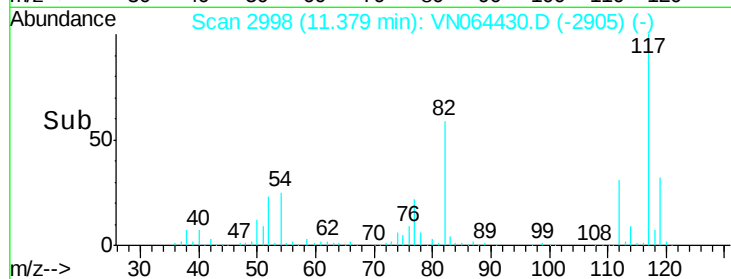
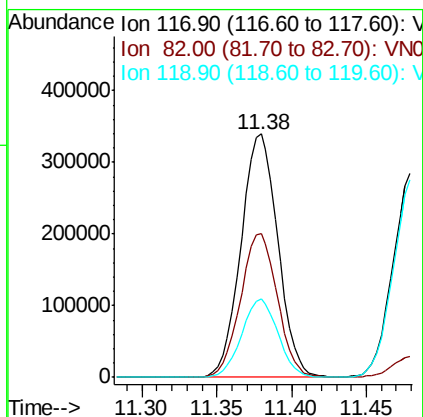
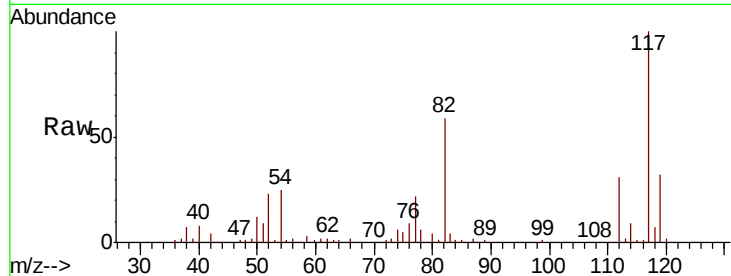




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

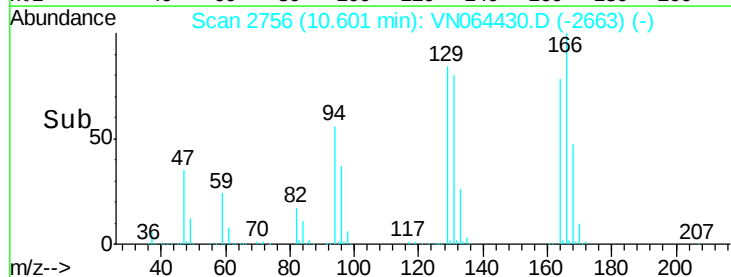
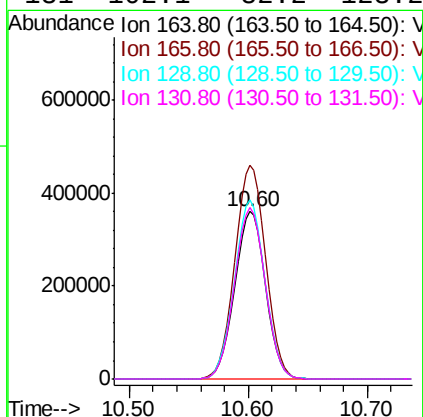
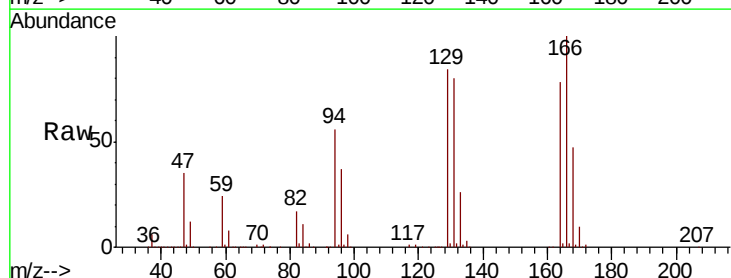
Instrument :
MSVOA_N
ClientSampled :

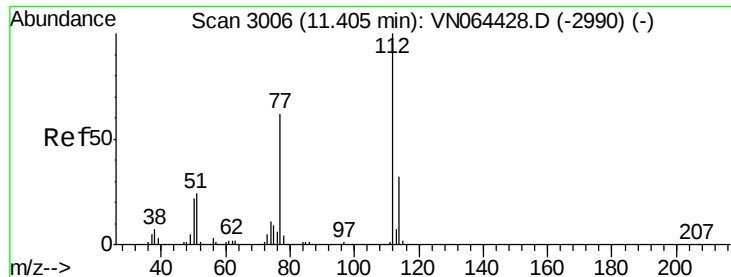
Tot Ion:117 Resp: 583651
Ion Ratio Lower Upper
117 100
82 59.1 48.1 72.1
119 32.2 26.2 39.4



#64
Tetrachloroethene
Concen: 134.723 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion:164 Resp: 645333
Ion Ratio Lower Upper
164 100
166 127.5 98.2 147.2
129 107.0 84.6 127.0
131 102.1 82.2 123.2

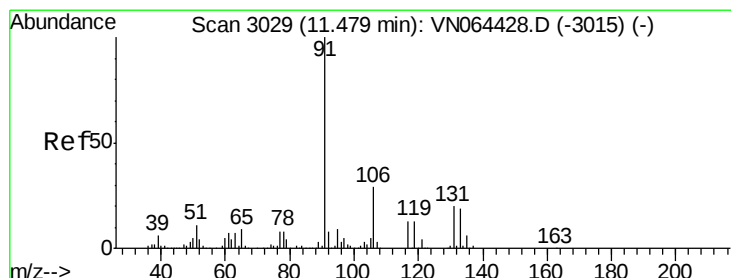
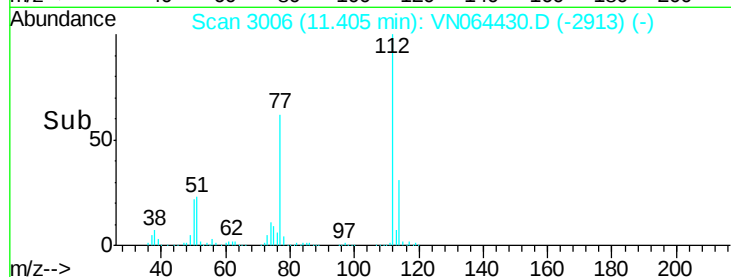
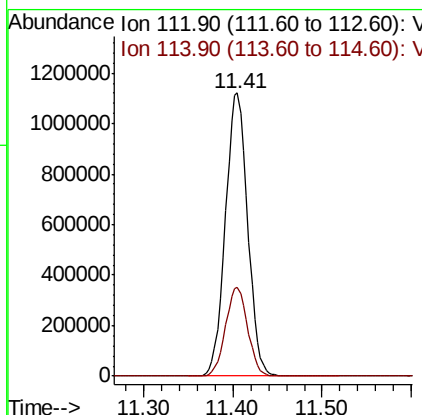
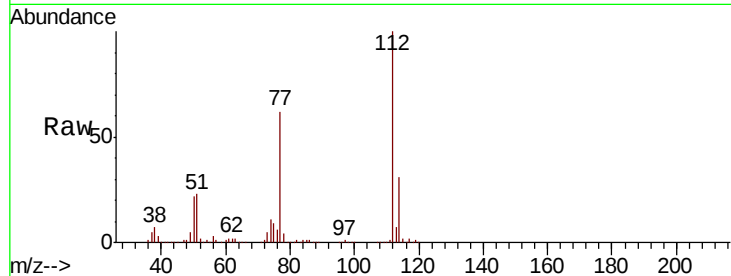




#65
Chlorobenzene
Concen: 160.179 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

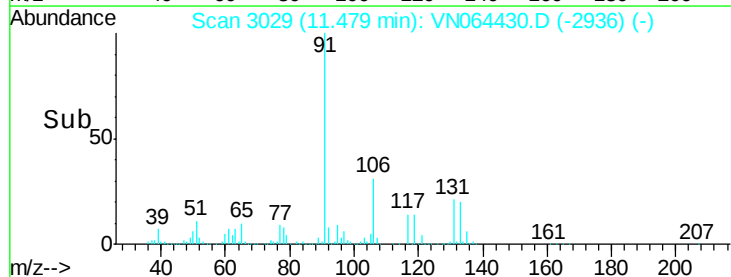
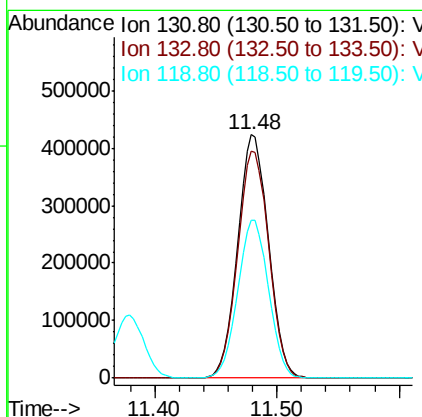
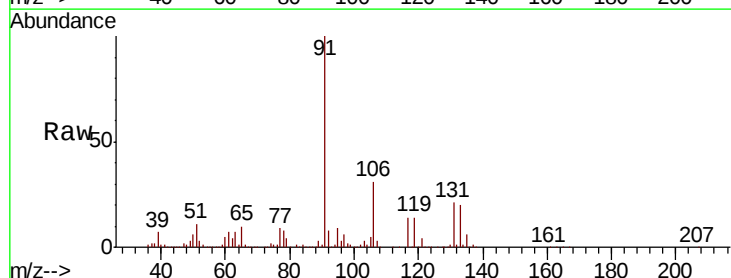
Instrument :
MSVOA_N
ClientSampleId :

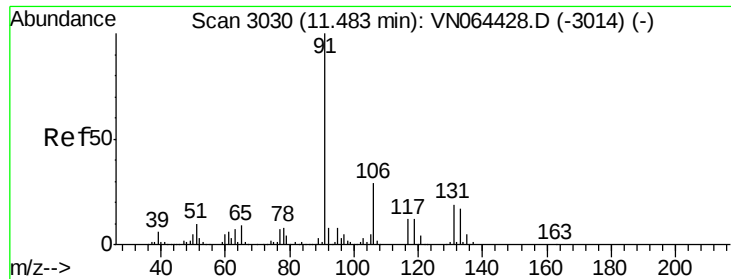
Tot Ion:112 Resp: 1933720
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 152.228 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion:131 Resp: 735248
Ion Ratio Lower Upper
131 100
133 94.8 46.9 140.7
119 65.0 32.1 96.5





#67

Ethyl Benzene

Concen: 158.580 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

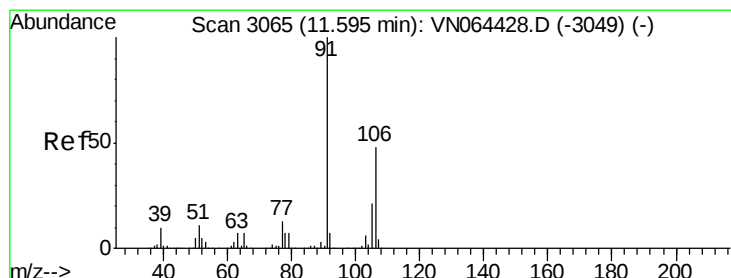
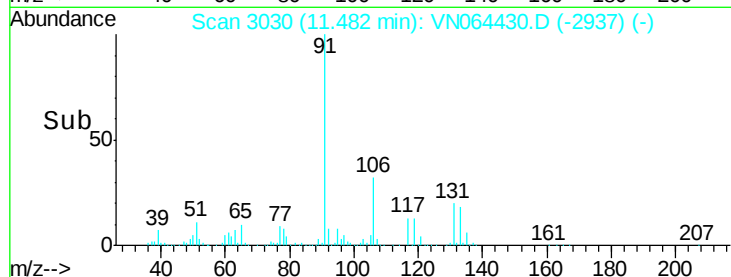
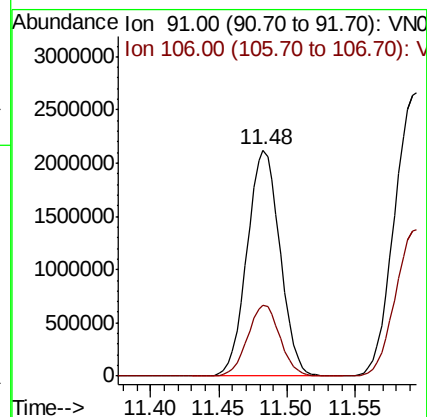
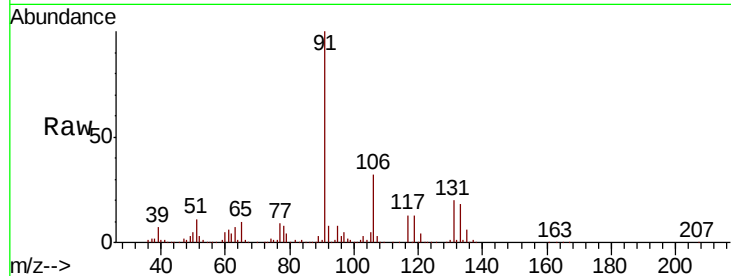
ClientSampled :

Tot Ion: 91 Resp: 3556361

Ion Ratio Lower Upper

91 100

106 31.5 23.6 35.4



#68

m/p-Xylenes

Concen: 321.820 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN064430.D

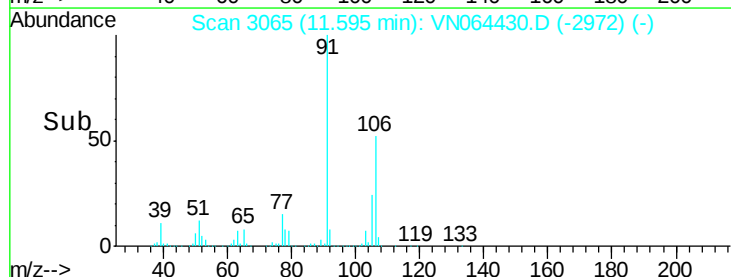
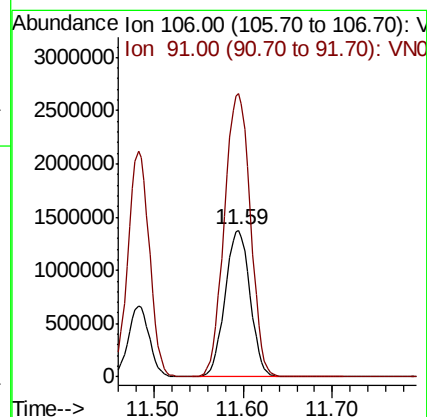
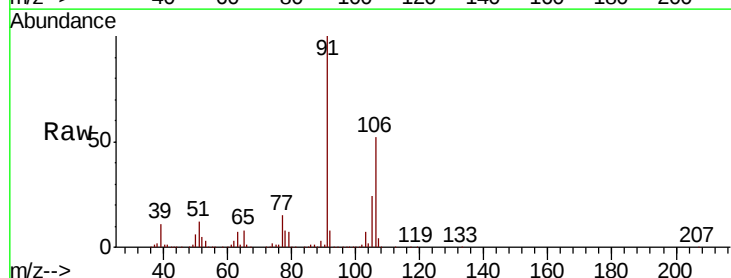
Acq: 4 Nov 2020 11:48

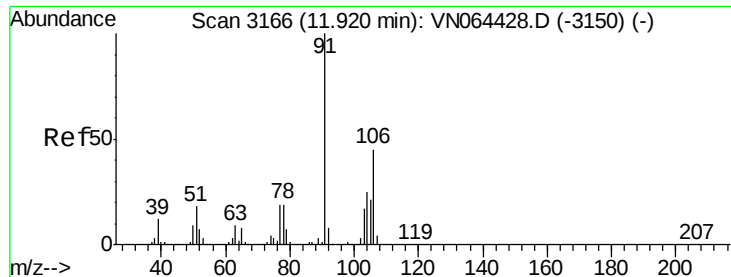
Tgt Ion: 106 Resp: 2670494

Ion Ratio Lower Upper

106 100

91 201.3 169.4 254.2

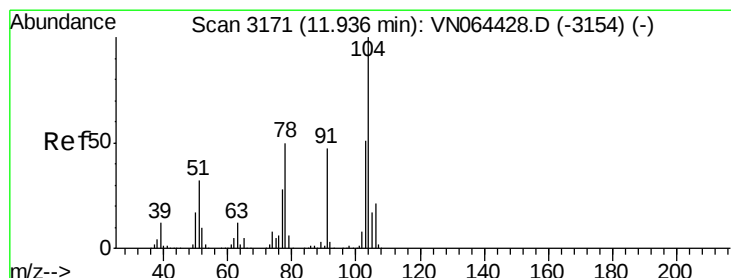
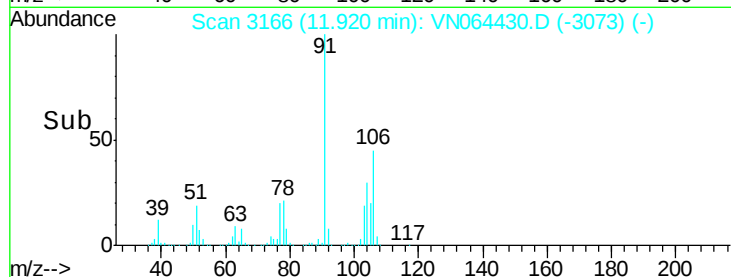
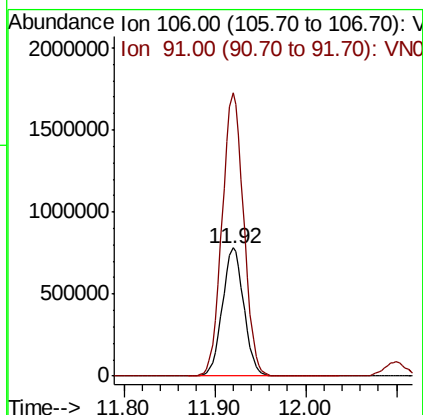
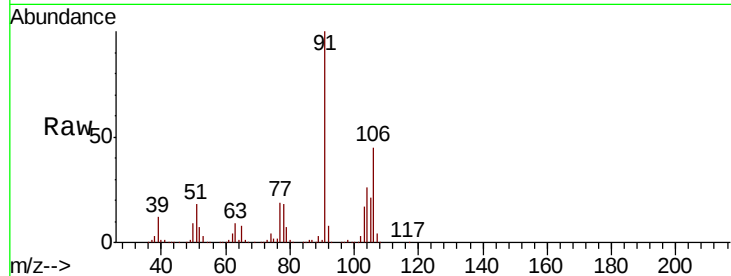




#69
o-Xylene
Concen: 159.850 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

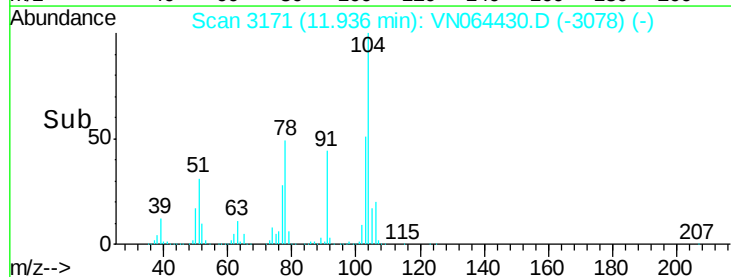
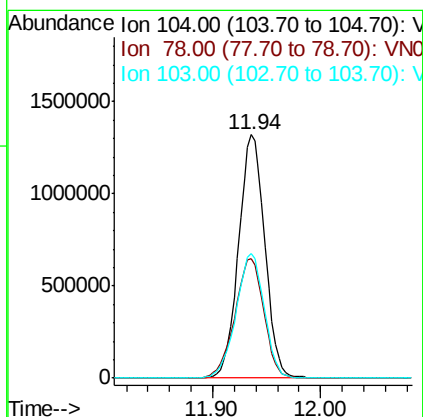
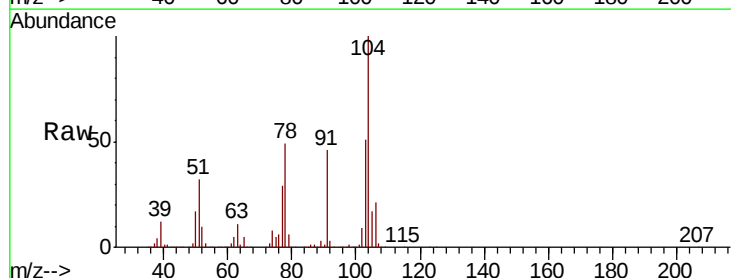
Instrument :
MSVOA_N
ClientSampled :

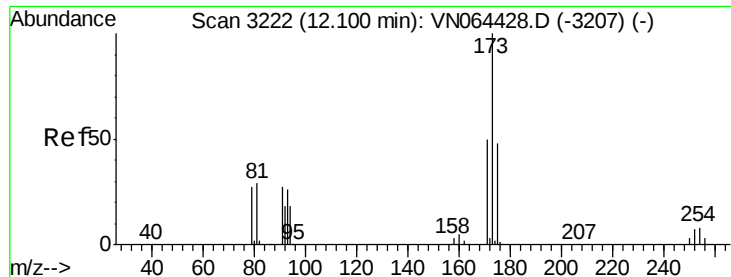
Tot Ion:106 Resp: 1279307
Ion Ratio Lower Upper
106 100
91 221.6 111.7 334.9



#70
Styrene
Concen: 170.717 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion:104 Resp: 2239331
Ion Ratio Lower Upper
104 100
78 54.2 44.0 66.0
103 55.1 43.8 65.6





#71

Bromoform

Concen: 147.229 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampled :

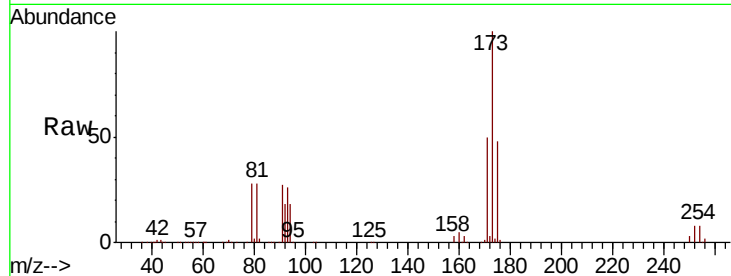
Tot Ion:173 Resp: 546743

Ion Ratio Lower Upper

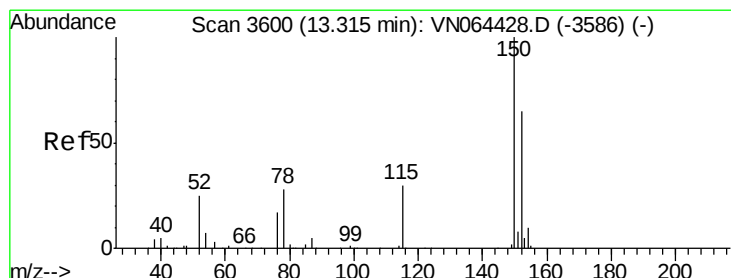
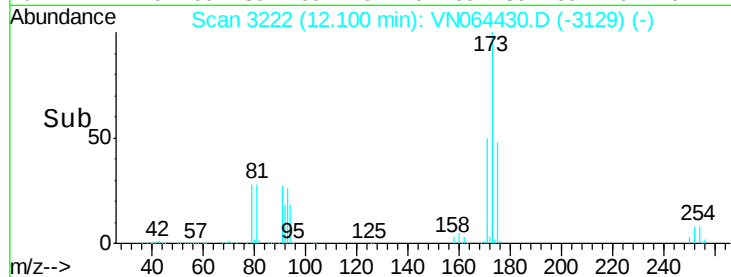
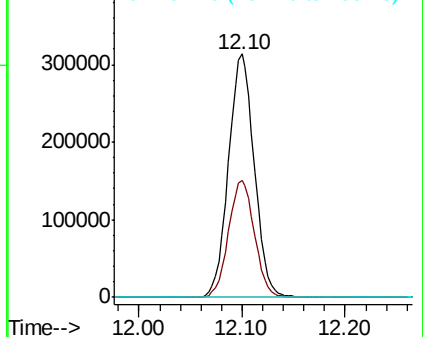
173 100

175 48.4 23.7 71.1

254 0.1 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# 3600

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

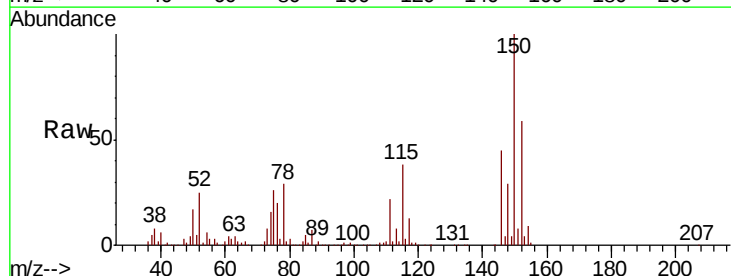
Tgt Ion:152 Resp: 280476

Ion Ratio Lower Upper

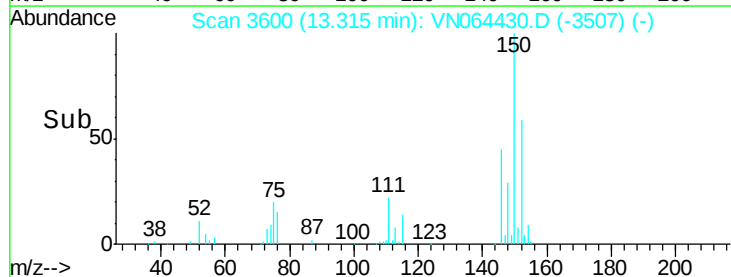
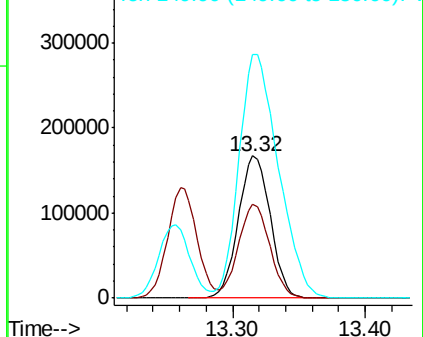
152 100

115 64.3 32.0 96.0

150 211.7 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: 153.574 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

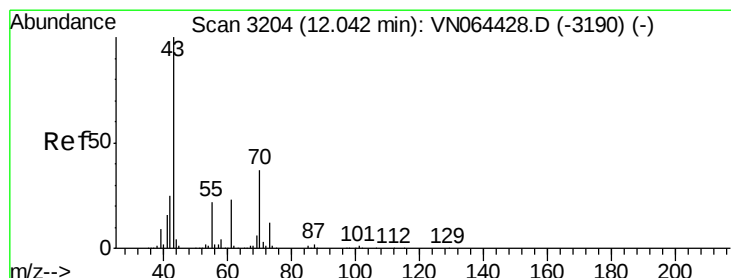
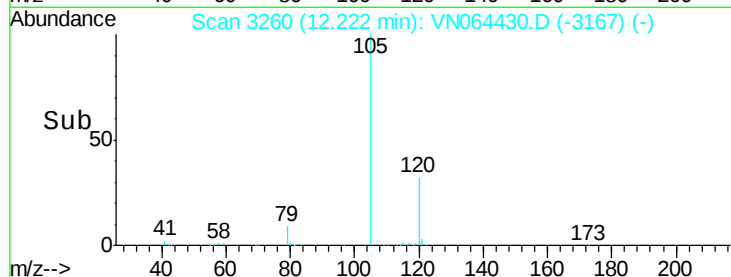
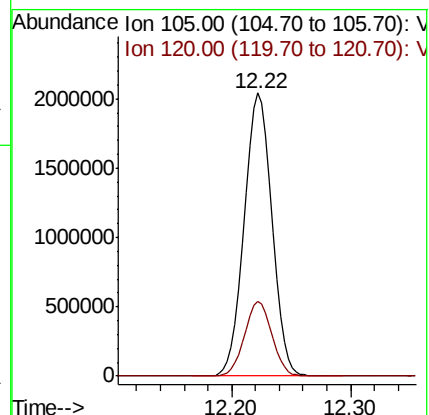
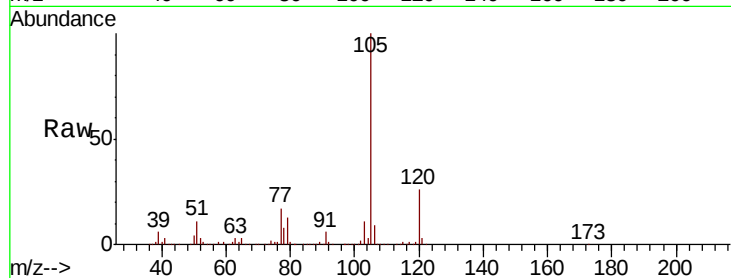
ClientSampleId :

Tot Ion:105 Resp: 3296570

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.3



#74

N-ethyl acetate

Concen: 175.611 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Tgt Ion: 43 Resp: 1654904

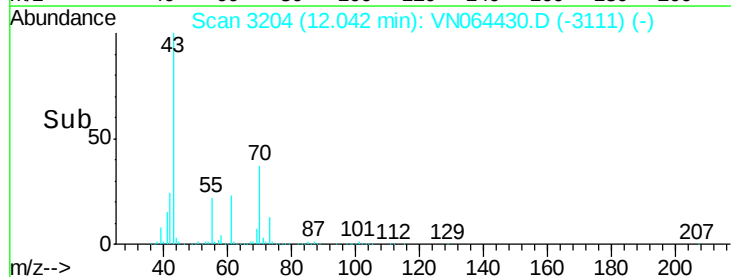
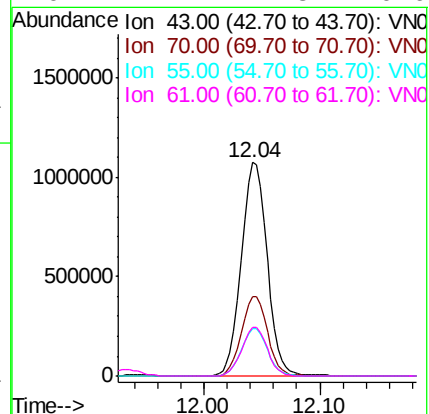
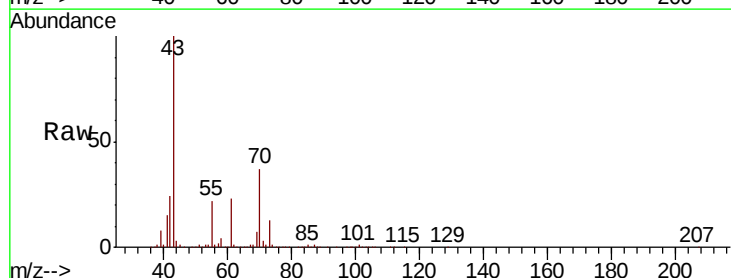
Ion Ratio Lower Upper

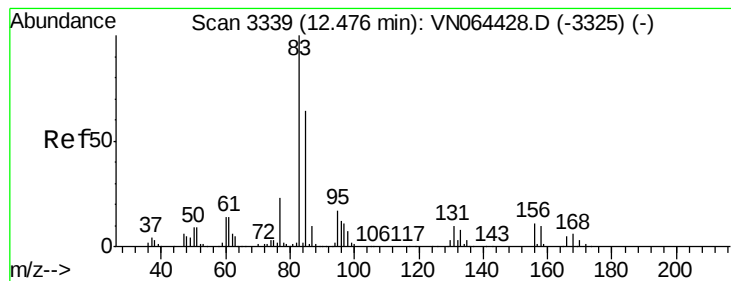
43 100

70 37.6 29.6 44.4

55 22.4 18.4 27.6

61 22.7 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 159.100 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

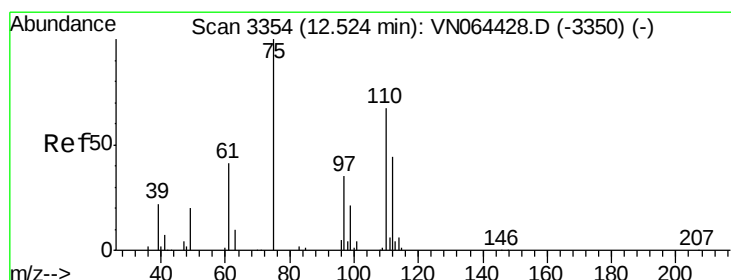
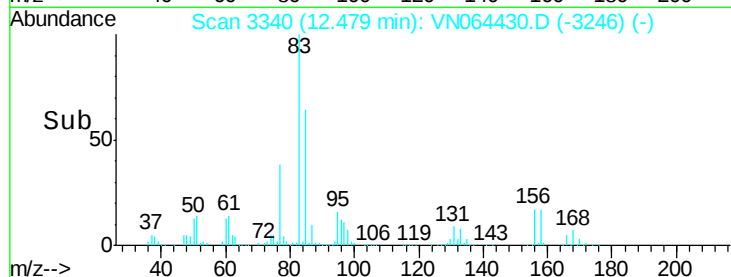
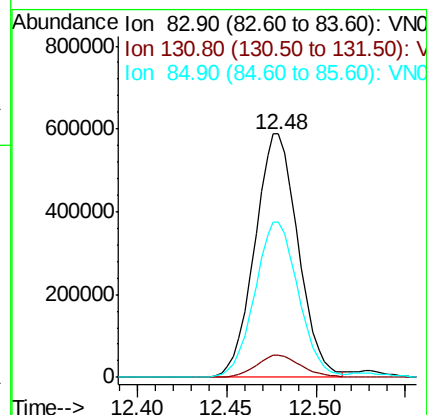
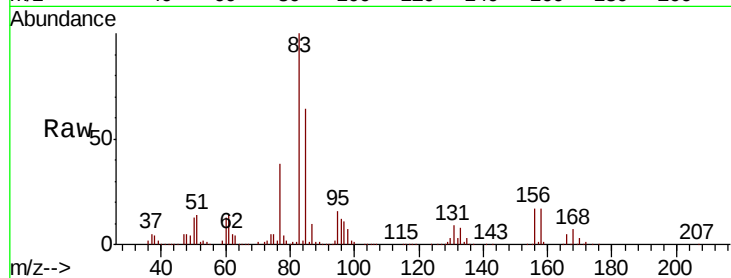
Tot Ion: 83 Resp: 997227

Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.9	14.7
85	64.1	32.1	96.5

83 100

131 9.6 4.9 14.7

85 64.1 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 217.620 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064430.D

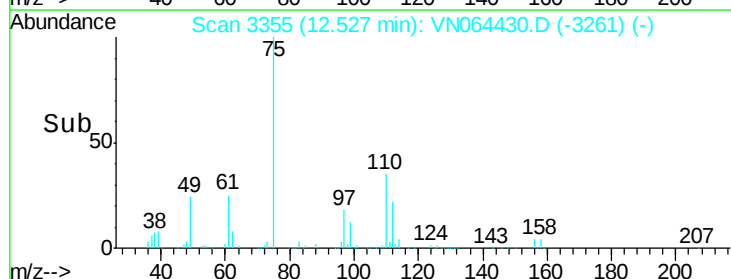
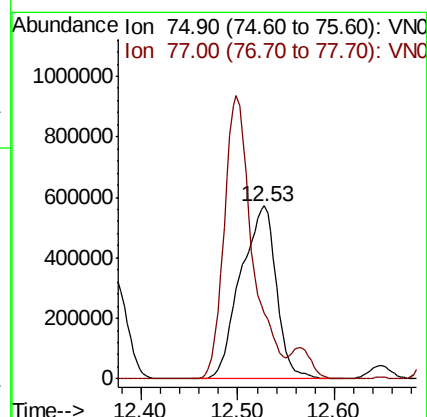
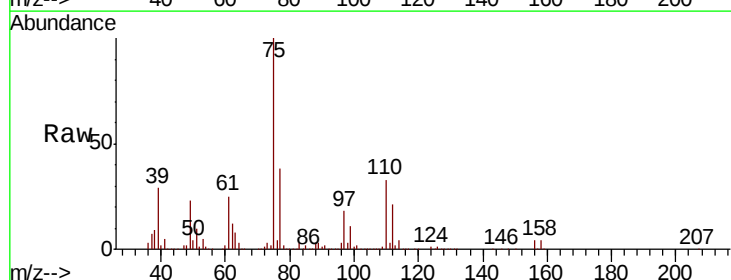
Acq: 4 Nov 2020 11:48

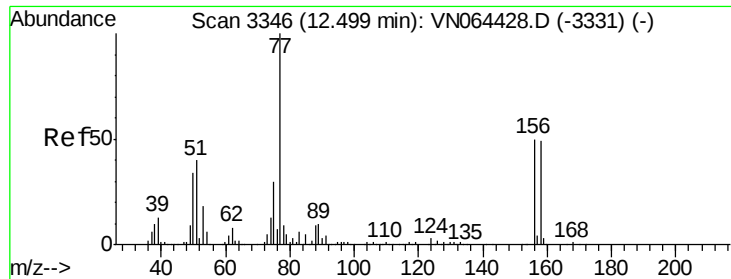
Tgt Ion: 75 Resp: 1463109

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 151.717 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampled :

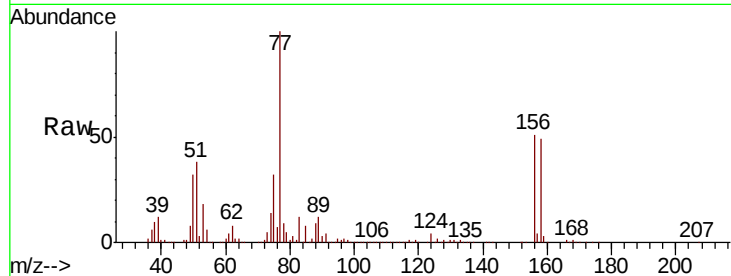
Tot Ion:156 Resp: 790455

Ion Ratio Lower Upper

156 100

77 241.6 119.0 357.0

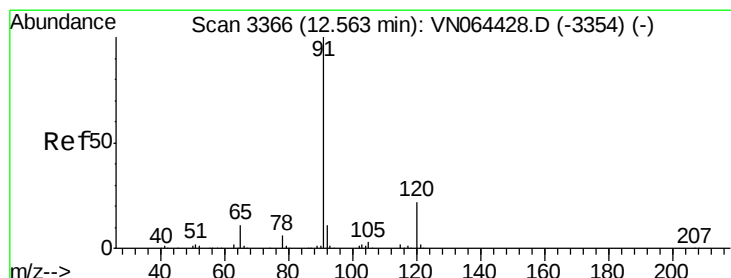
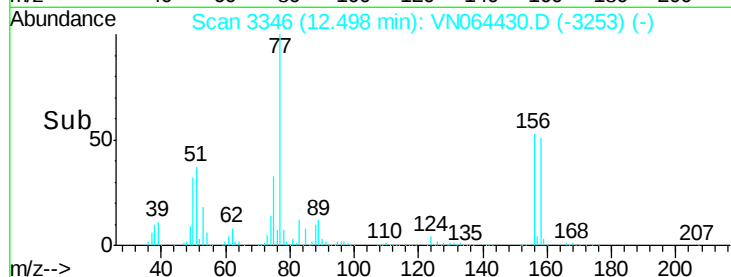
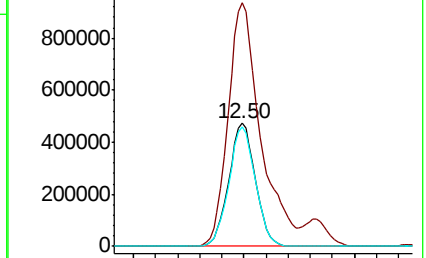
158 97.1 48.4 145.3



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: 157.063 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064430.D

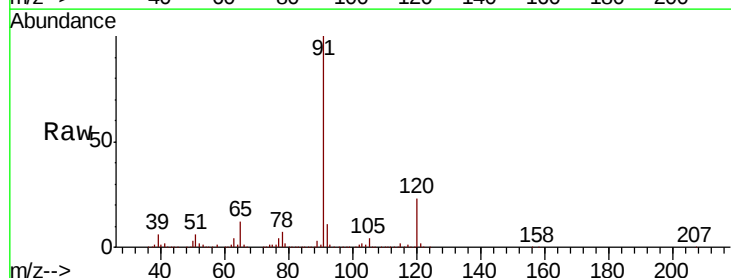
Acq: 4 Nov 2020 11:48

Tgt Ion: 91 Resp: 3816052

Ion Ratio Lower Upper

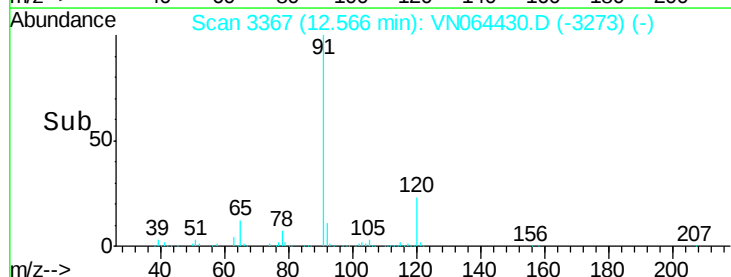
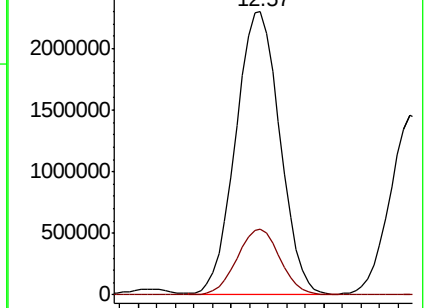
91 100

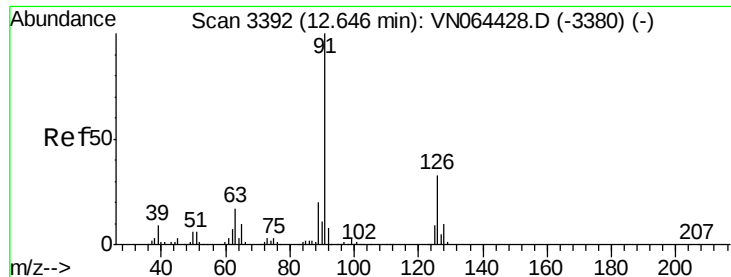
120 22.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 155.666 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

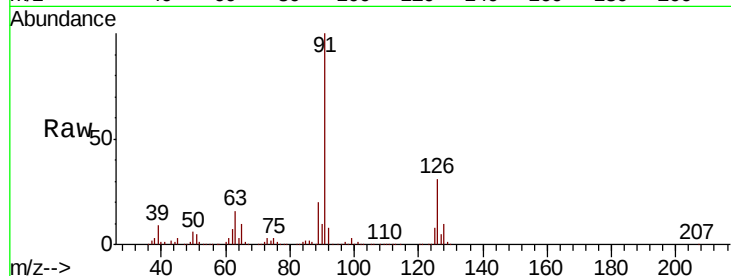
ClientSampled :

Tot Ion: 91 Resp: 2408692

Ion Ratio Lower Upper

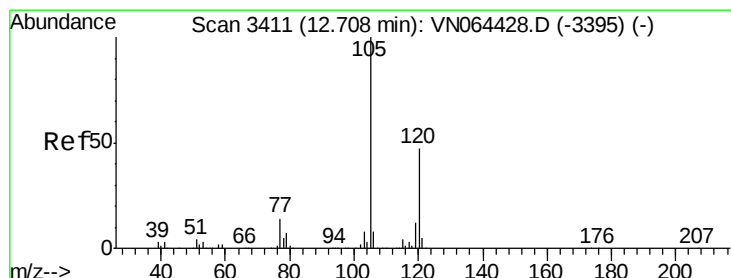
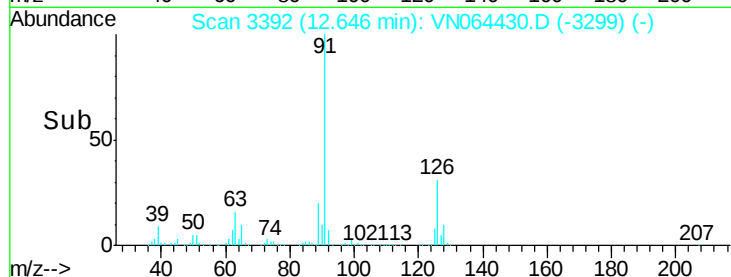
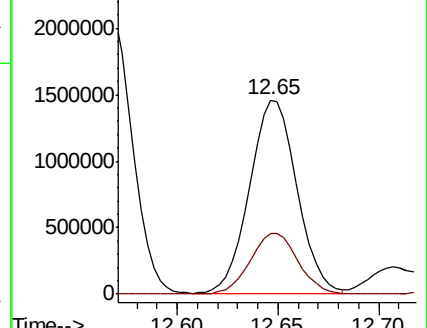
91 100

126 31.6 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) (-)



#80

1,3,5-Trimethylbenzene

Concen: 154.017 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064430.D

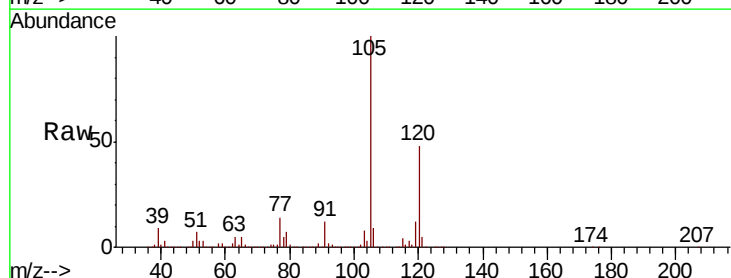
Acq: 4 Nov 2020 11:48

Tgt Ion:105 Resp: 2784217

Ion Ratio Lower Upper

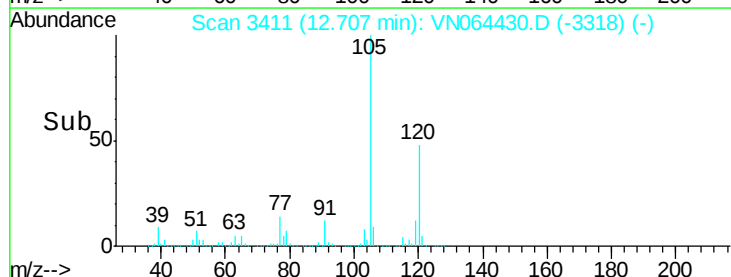
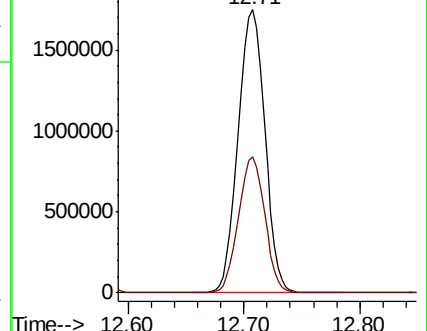
105 100

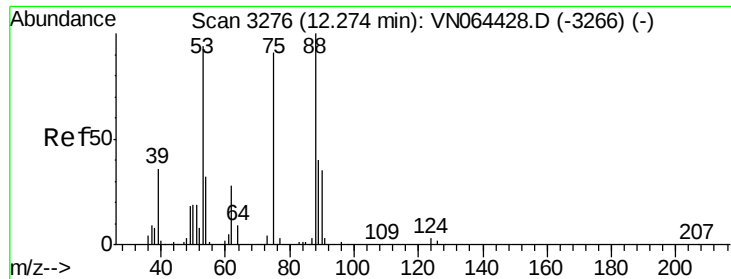
120 47.3 23.4 70.2



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 166.989 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

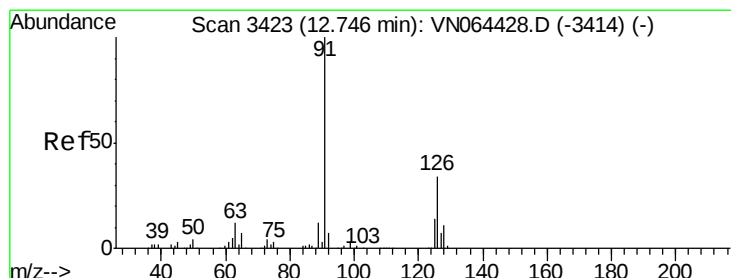
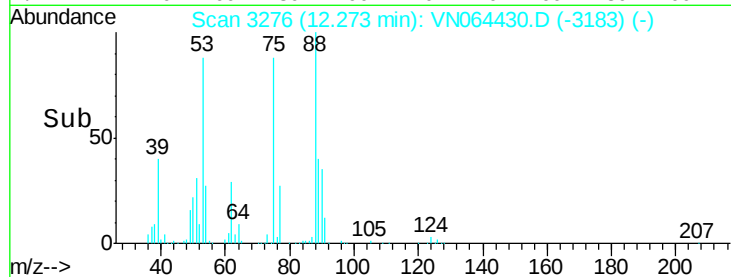
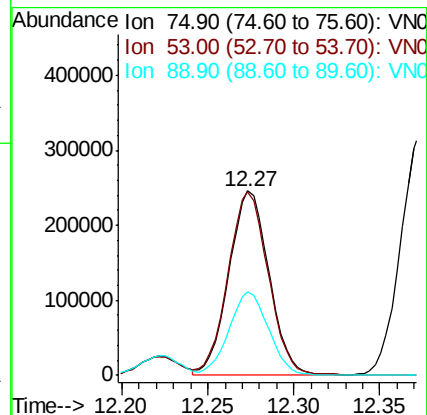
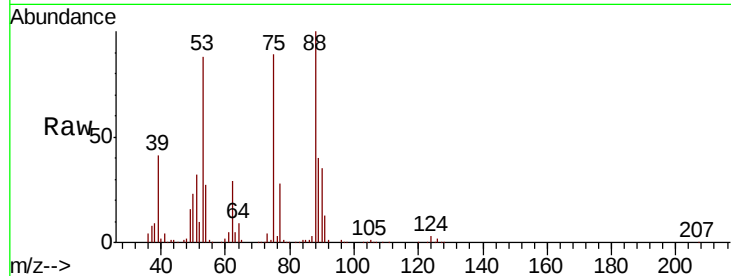
Tot Ion: 75 Resp: 394767

Ion Ratio Lower Upper

75 100

53 100.8 84.0 126.0

89 45.5 36.3 54.5



#82

4-Chlorotoluene

Concen: 161.755 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064430.D

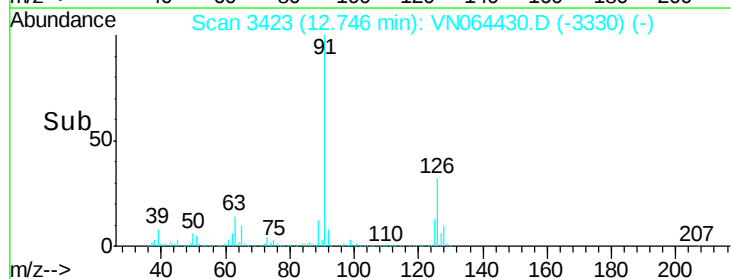
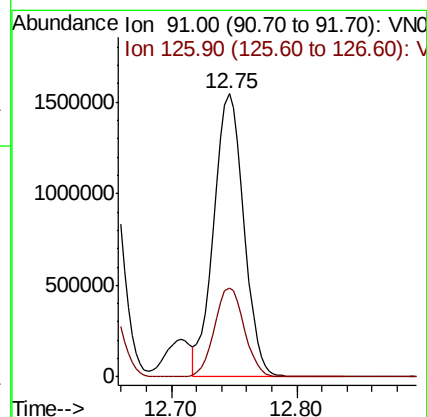
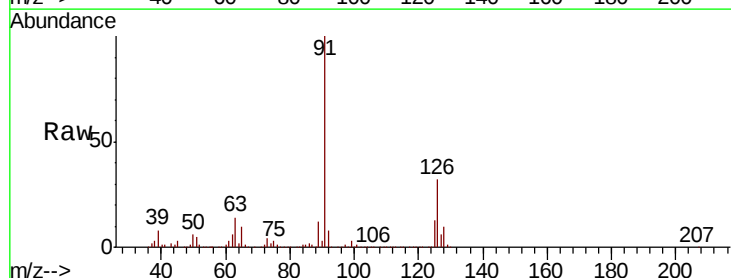
Acq: 4 Nov 2020 11:48

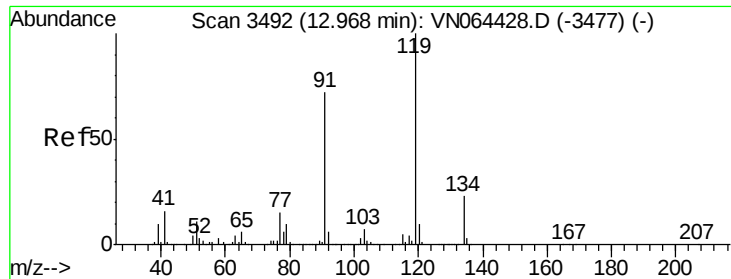
Tgt Ion: 91 Resp: 2565844

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.2

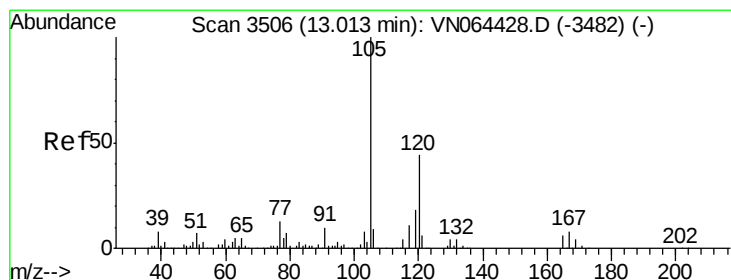
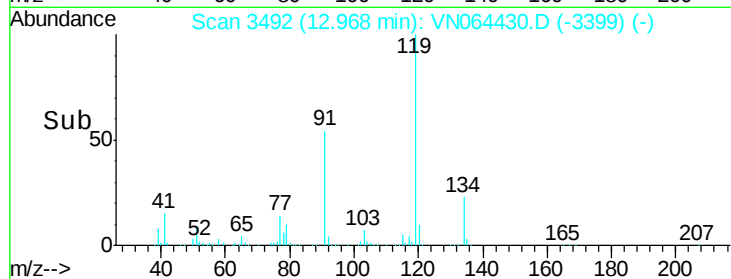
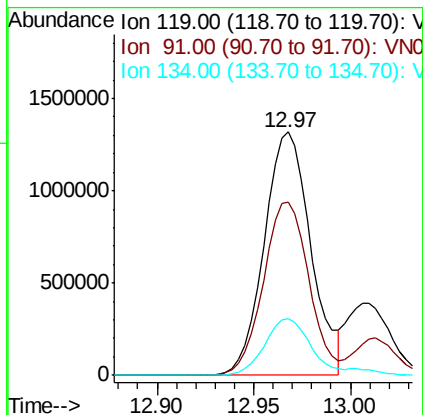
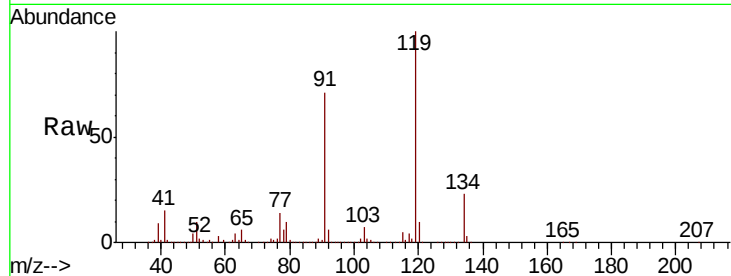




#83
tert-Butylbenzene
Concen: 150.346 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

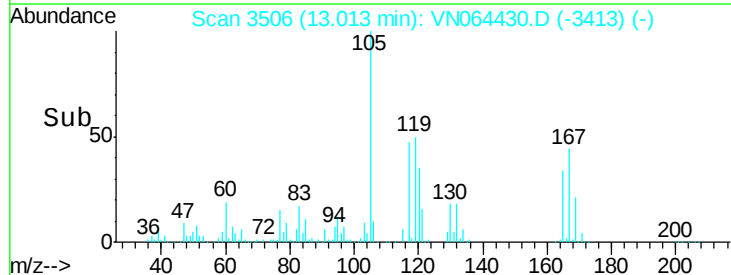
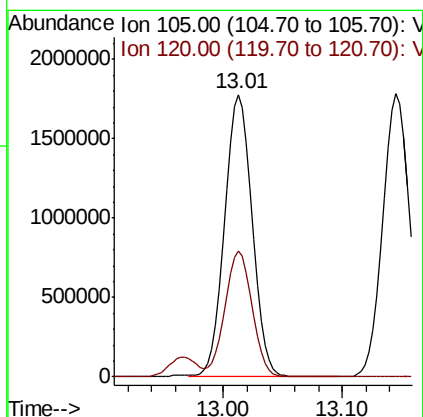
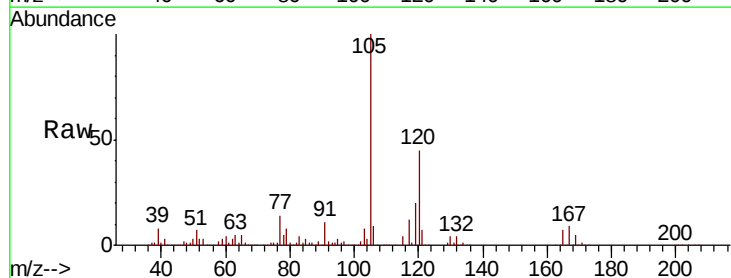
Instrument :
MSVOA_N
ClientSampled :

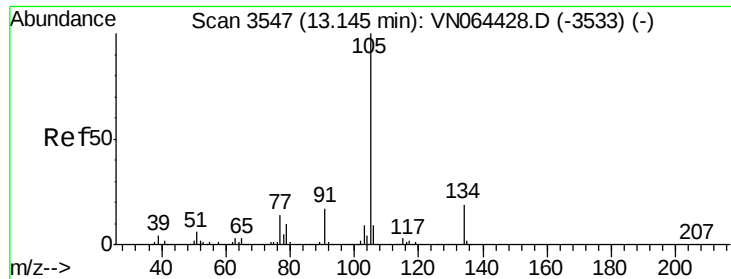
Tot Ion:119 Resp: 2209346
Ion Ratio Lower Upper
119 100
91 69.2 36.1 108.3
134 22.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 157.425 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion:105 Resp: 2847525
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.7





#85

sec-Butylbenzene

Concen: 147.496 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

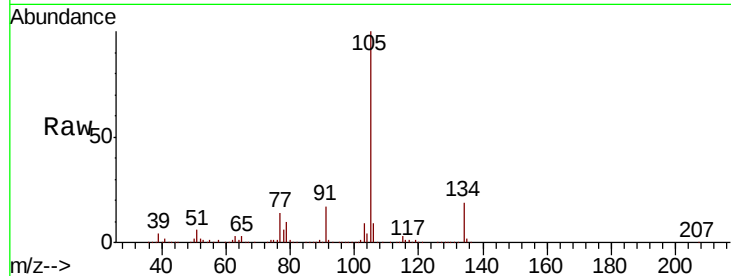
ClientSampleId :

Tot Ion:105 Resp: 2814432

Ion Ratio Lower Upper

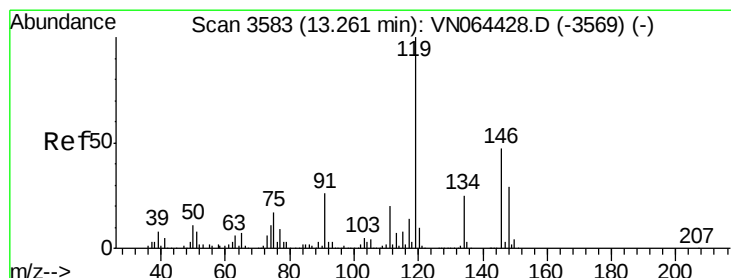
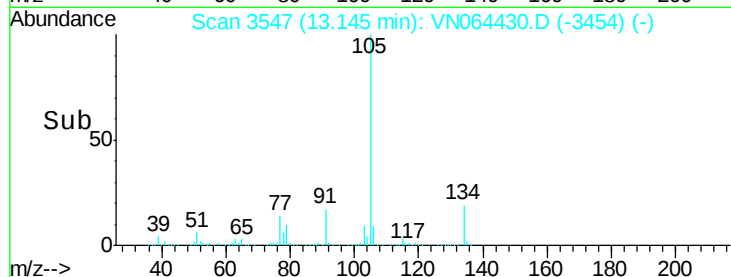
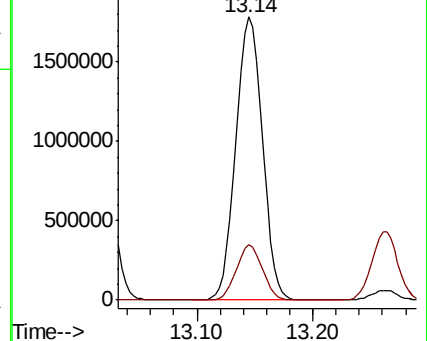
105 100

134 19.1 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 152.024 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

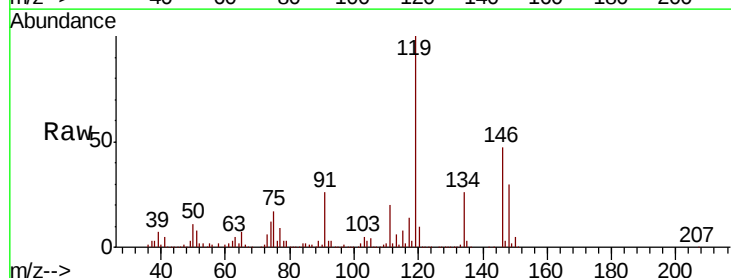
Tgt Ion:119 Resp: 2605799

Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.6

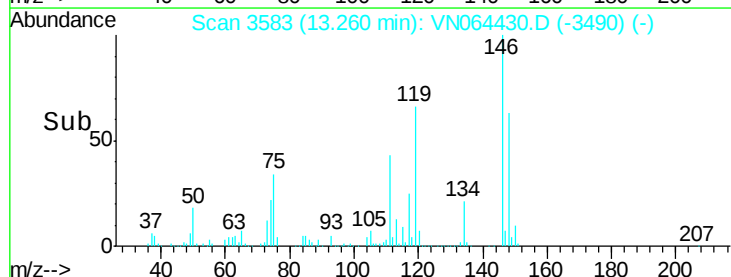
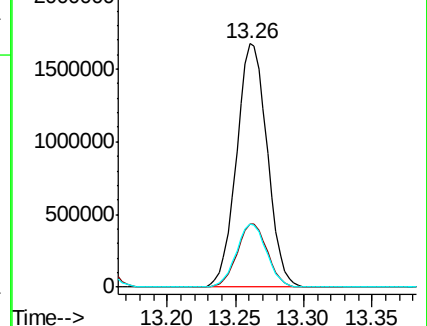
91 25.8 12.8 38.3

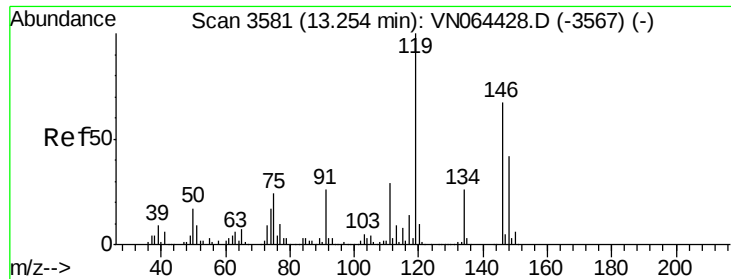


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

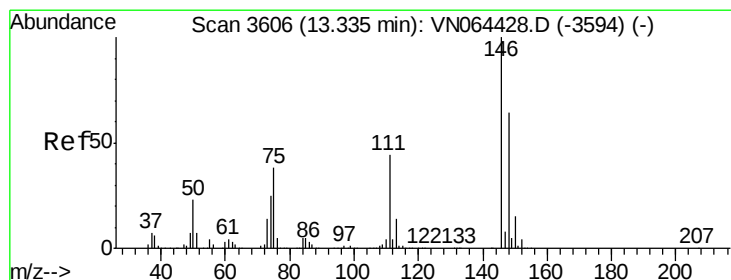
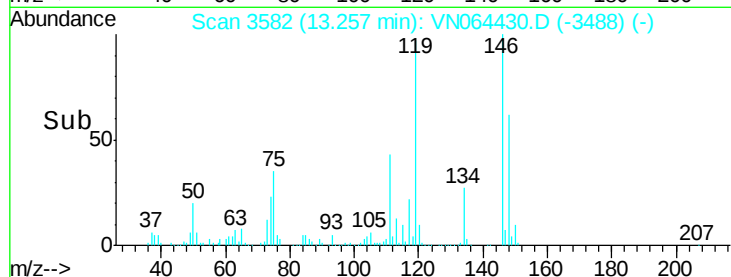
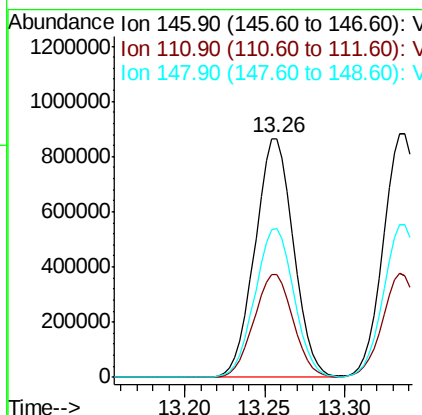
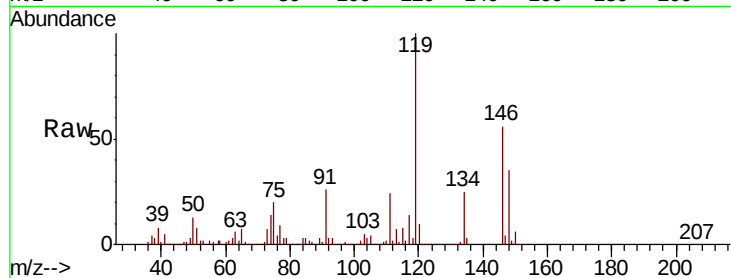




#87
 1,3-Dichlorobenzene
 Concen: 157.021 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

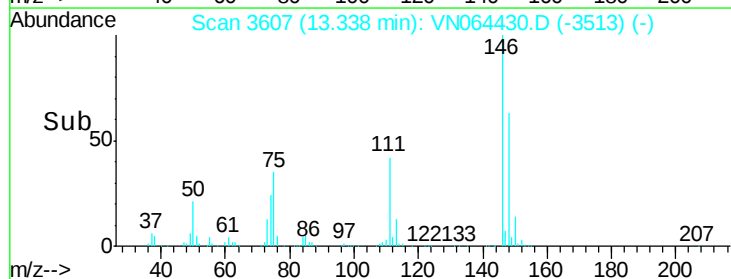
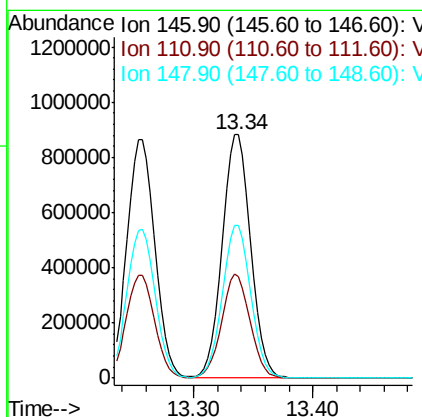
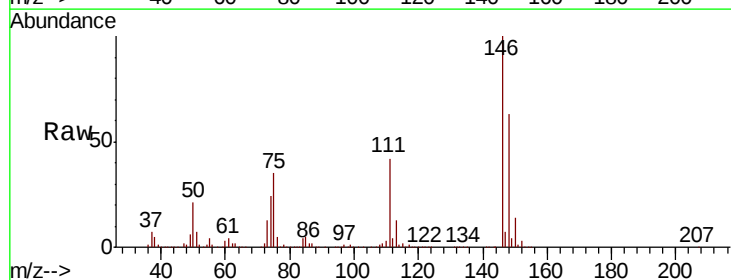
Instrument :
 MSVOA_N
 ClientSampleId :

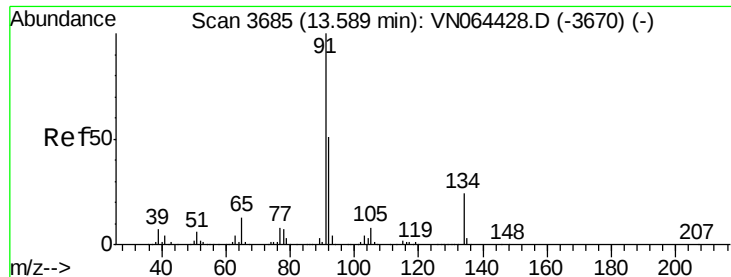
Tot Ion:146 Resp: 1437839
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.1 66.1
 148 62.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 156.325 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion:146 Resp: 1458083
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.8 65.3
 148 62.9 32.4 97.2





#89

n-Butylbenzene

Concen: 152.978 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

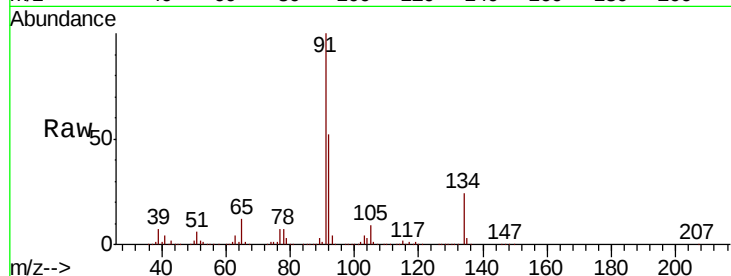
Tot Ion: 91 Resp: 2312747

Ion	Ratio	Lower	Upper
91	100		
92	52.1	25.3	75.9
134	23.8	11.8	35.4

91 100

92 52.1 25.3 75.9

134 23.8 11.8 35.4

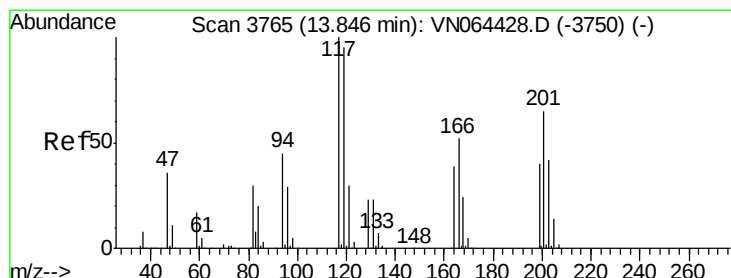
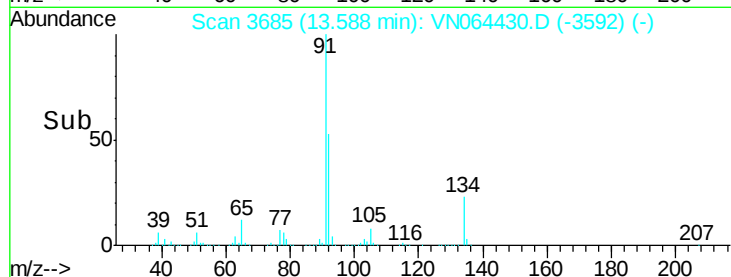
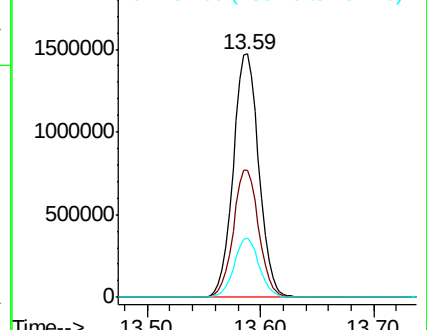


Abundance

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

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

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



#90

Hexachloroethane

Concen: 149.140 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064430.D

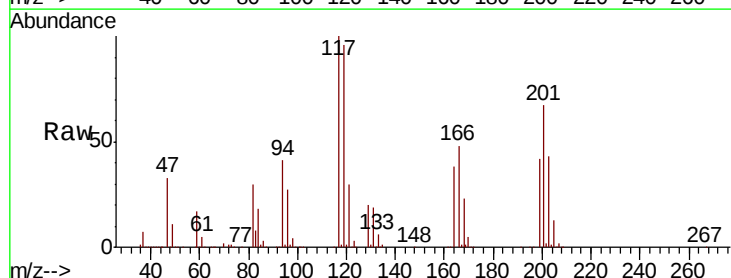
Acq: 4 Nov 2020 11:48

Tgt Ion: 117 Resp: 477201

Ion	Ratio	Lower	Upper
117	100		
201	68.2	32.5	97.5

117 100

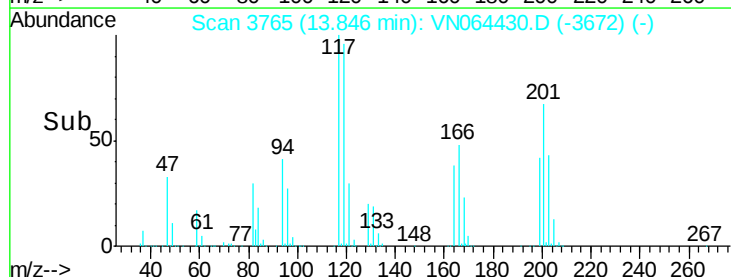
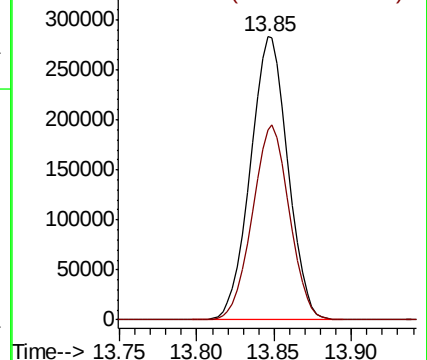
201 68.2 32.5 97.5

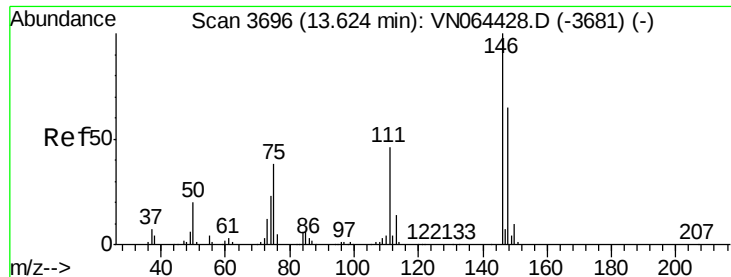


Abundance

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

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





#91

1,2-Dichlorobenzene

Concen: 152.217 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

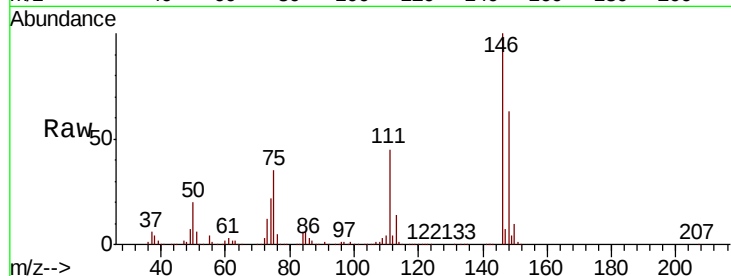
Tot Ion:146 Resp: 1386337

Ion Ratio Lower Upper

146 100

111 45.3 22.9 68.7

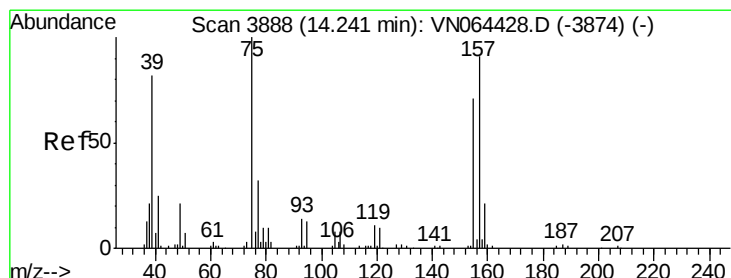
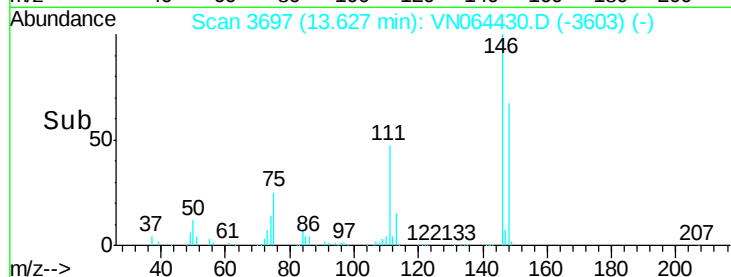
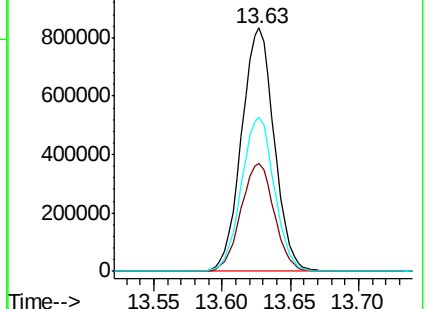
148 63.8 32.0 96.2



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: 149.566 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

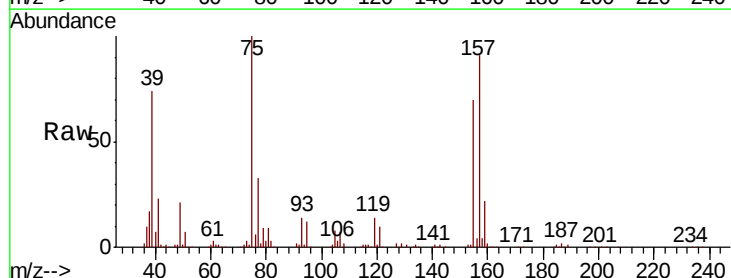
Tgt Ion: 75 Resp: 224613

Ion Ratio Lower Upper

75 100

155 70.9 34.6 103.9

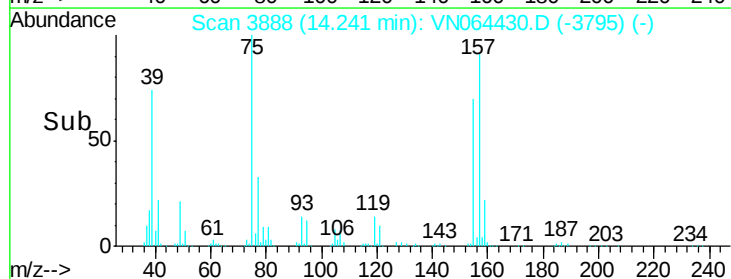
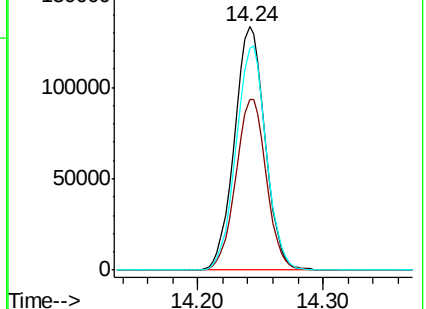
157 91.8 43.0 128.8

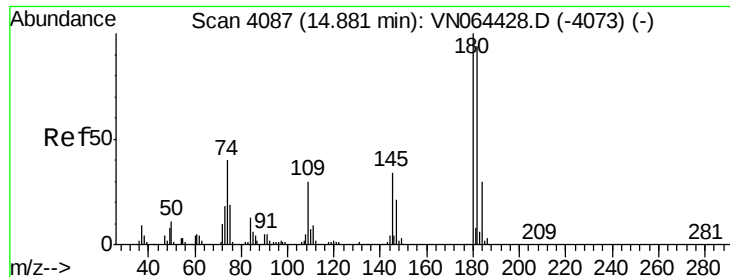


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

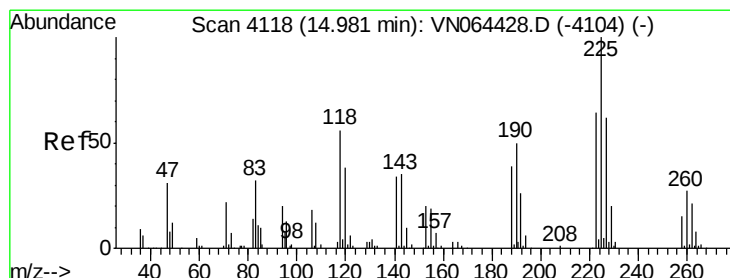
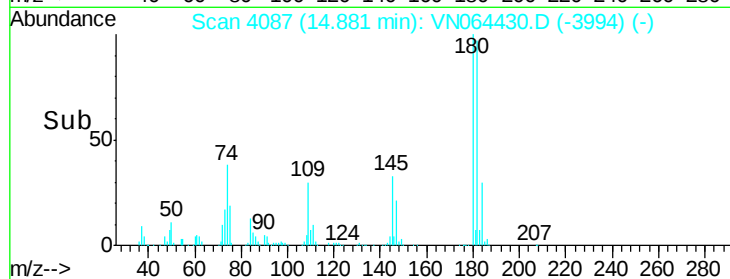
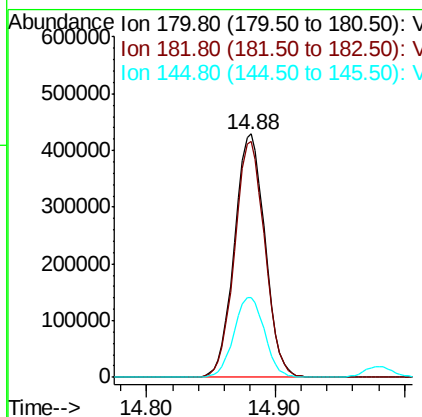
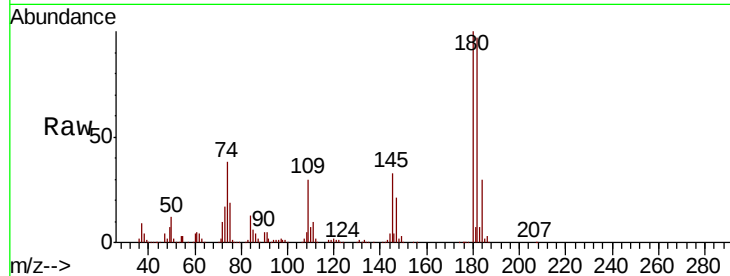




#93
 1,2,4-Trichlorobenzene
 Concen: 161.745 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

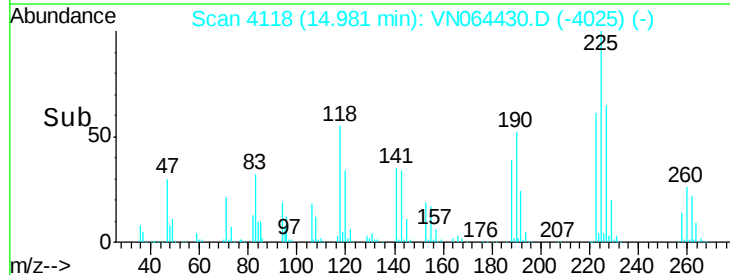
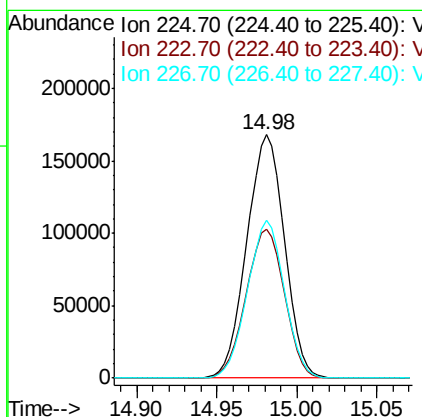
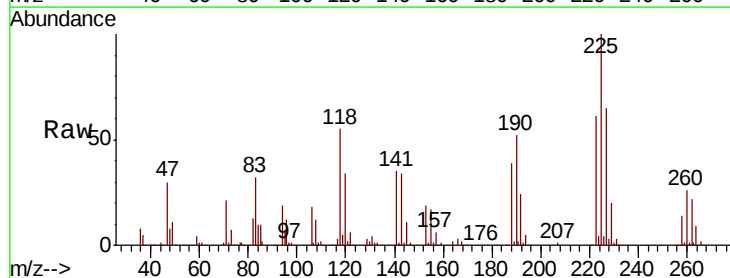
Instrument :
 MSVOA_N
 ClientSampled :

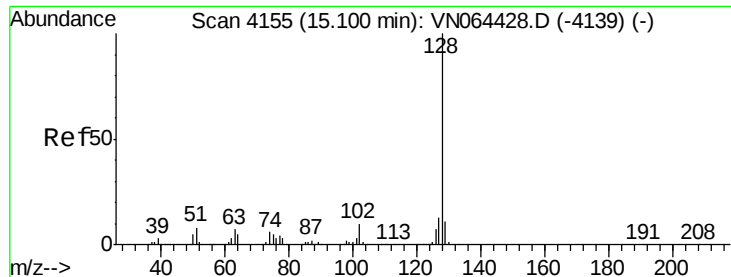
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	142.0
145	32.9	16.7	50.1



#94
 Hexachlorobutadiene
 Concen: 102.492 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.8	95.4
227	63.6	31.8	95.4





#95

Naphthalene

Concen: 179.694 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

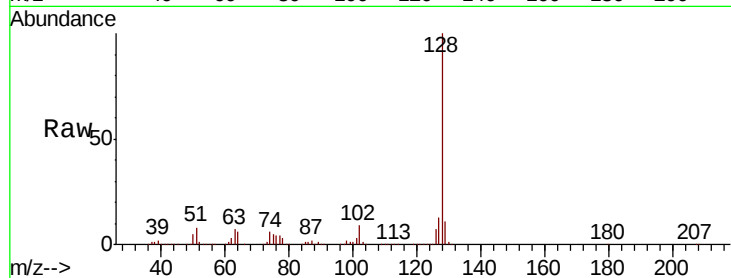
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 2464417

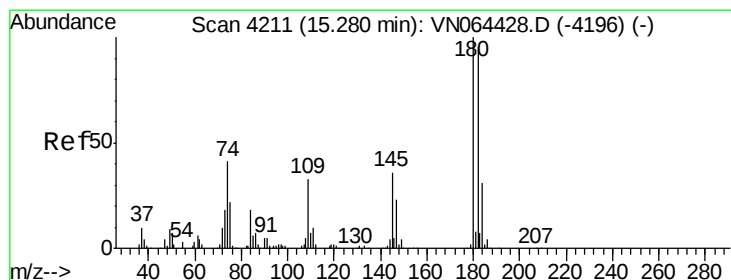
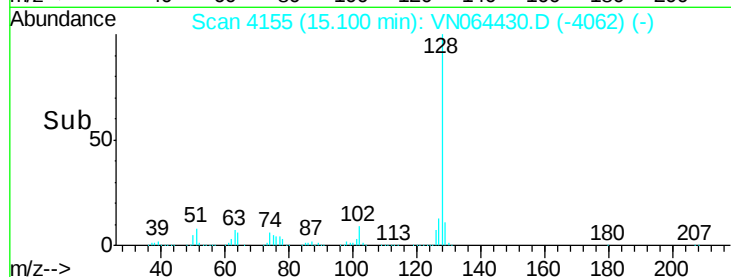
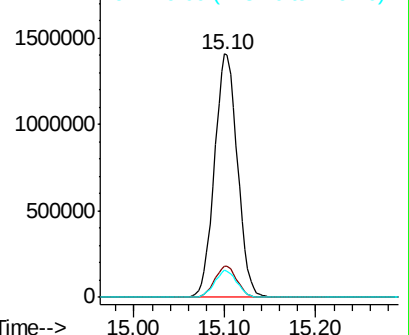
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.9	8.8	13.2



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: 162.767 ug/l

RT: 15.28 min Scan# 4211

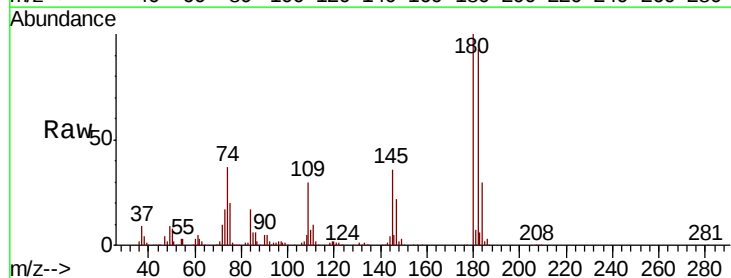
Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Tgt Ion:180 Resp: 688183

Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.7	143.1
145	35.5	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

