

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064428.D
 Acq On : 4 Nov 2020 11:00
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 11:40:27 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	333986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	589147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	256506	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	280208	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
35) Dibromofluoromethane	7.55	113	192628	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
50) Toluene-d8	10.06	98	750955	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
62) 4-Bromofluorobenzene	12.37	95	290239	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	231103	58.510	ug/l	100
3) Chloromethane	2.04	50	271781	62.011	ug/l	100
4) Vinyl Chloride	2.17	62	283239	66.301	ug/l	100
5) Bromomethane	2.53	94	182242	65.089	ug/l	100
6) Chloroethane	2.67	64	180180	69.135	ug/l	100
7) Trichlorofluoromethane	2.99	101	420290	60.102	ug/l	100
8) Diethyl Ether	3.37	74	147065	65.309	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	195915	56.482	ug/l	100
10) Methyl Iodide	3.91	142	238885	52.776	ug/l	100
11) Tert butyl alcohol	4.74	59	175790	231.525	ug/l	100
12) 1,1-Dichloroethene	3.70	96	188468	57.536	ug/l	100
13) Acrolein	3.57	56	100007	434.860	ug/l	100
14) Allyl chloride	4.27	41	373521	55.972	ug/l	100
15) Acrylonitrile	4.93	53	507951	296.325	ug/l	100
16) Acetone	3.78	43	595851	292.948	ug/l	100
17) Carbon Disulfide	4.01	76	568278	58.157	ug/l	100
18) Methyl Acetate	4.28	43	221028	54.077	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	698332	55.964	ug/l	100
20) Methylene Chloride	4.51	84	223115	57.050	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	216091	58.580	ug/l	100
22) Diisopropyl ether	5.90	45	814256	61.269	ug/l	100
23) Vinyl Acetate	5.85	43	3426869	308.218	ug/l	100
24) 1,1-Dichloroethane	5.80	63	435661	59.106	ug/l	100
25) 2-Butanone	6.79	43	795756	288.478	ug/l	100
26) 2,2-Dichloropropane	6.78	77	393372	55.330	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	250871	59.556	ug/l	100
28) Bromochloromethane	7.15	49	177160	51.724	ug/l	100
29) Tetrahydrofuran	7.17	42	479098	271.406	ug/l	100
30) Chloroform	7.33	83	459798	58.434	ug/l	100
31) Cyclohexane	7.61	56	365268	56.445	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	403730	54.341	ug/l	100
36) 1,1-Dichloropropene	7.75	75	338424	55.710	ug/l	100
37) Ethyl Acetate	6.88	43	326247	53.835	ug/l	100
38) Carbon Tetrachloride	7.73	117	356854	51.804	ug/l	100

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39) Methylcyclohexane	9.05	83	305808	51.616	ug/l	100
40) Benzene	8.00	78	970409	57.025	ug/l	100
41) Methacrylonitrile	7.12	41	133158	45.113	ug/l	100
42) 1,2-Dichloroethane	8.08	62	396829	54.769	ug/l	100
43) Isopropyl Acetate	8.13	43	555241	53.701	ug/l	100
44) Trichloroethene	8.80	130	244904	55.748	ug/l	100
45) 1,2-Dichloropropane	9.08	63	264228	57.889	ug/l	100
46) Dibromomethane	9.17	93	171895	54.861	ug/l	100
47) Bromodichloromethane	9.37	83	371214	53.354	ug/l	100
48) Methyl methacrylate	9.16	41	280123	52.450	ug/l	100
49) 1,4-Dioxane	9.17	88	73256	951.982	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1676966	277.476	ug/l	100
52) Toluene	10.12	92	613110	57.193	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	414214	55.988	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	432844	56.879	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	236319	56.130	ug/l	100
56) Ethyl methacrylate	10.40	69	359663	56.672	ug/l	100
57) 1,3-Dichloropropane	10.68	76	412209	57.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	667900	202.278	ug/l	100
59) 2-Hexanone	10.72	43	1245519	280.407	ug/l	100
60) Dibromochloromethane	10.87	129	271479	55.382	ug/l	100
61) 1,2-Dibromoethane	10.97	107	244982	57.462	ug/l	100
64) Tetrachloroethene	10.60	164	226386	49.808	ug/l	100
65) Chlorobenzene	11.41	112	643709	56.194	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	244319	53.310	ug/l	100
67) Ethyl Benzene	11.48	91	1206226	56.684	ug/l	100
68) m/p-Xylenes	11.60	106	881620	111.967	ug/l	100
69) o-Xylene	11.92	106	422232	55.600	ug/l	100
70) Styrene	11.94	104	729485	58.609	ug/l	100
71) Bromoform	12.10	173	174872	49.627	ug/l #	100
73) Isopropylbenzene	12.22	105	1100602	56.064	ug/l	100
74) N-amyl acetate	12.04	43	500664	58.093	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	320663	55.940	ug/l	100
76) 1,2,3-Trichloropropane	12.52	75	468997	76.276	ug/l #	100
77) Bromobenzene	12.50	156	257518	54.046	ug/l	100
78) n-propylbenzene	12.56	91	1272368	57.262	ug/l	100
79) 2-Chlorotoluene	12.65	91	769891	54.405	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	918355	55.549	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	121227	56.072	ug/l	100
82) 4-Chlorotoluene	12.75	91	829519	57.181	ug/l	100
83) tert-Butylbenzene	12.97	119	705541	52.499	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	939732	56.808	ug/l	100
85) sec-Butylbenzene	13.14	105	924059	52.953	ug/l	100
86) p-Isopropyltoluene	13.26	119	838293	53.477	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	461811	55.145	ug/l	100
88) 1,4-Dichlorobenzene	13.33	146	460722	54.011	ug/l	100
89) n-Butylbenzene	13.59	91	727712	52.633	ug/l	100
90) Hexachloroethane	13.85	117	156269	53.403	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	449967	54.022	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	69263	50.431	ug/l	100

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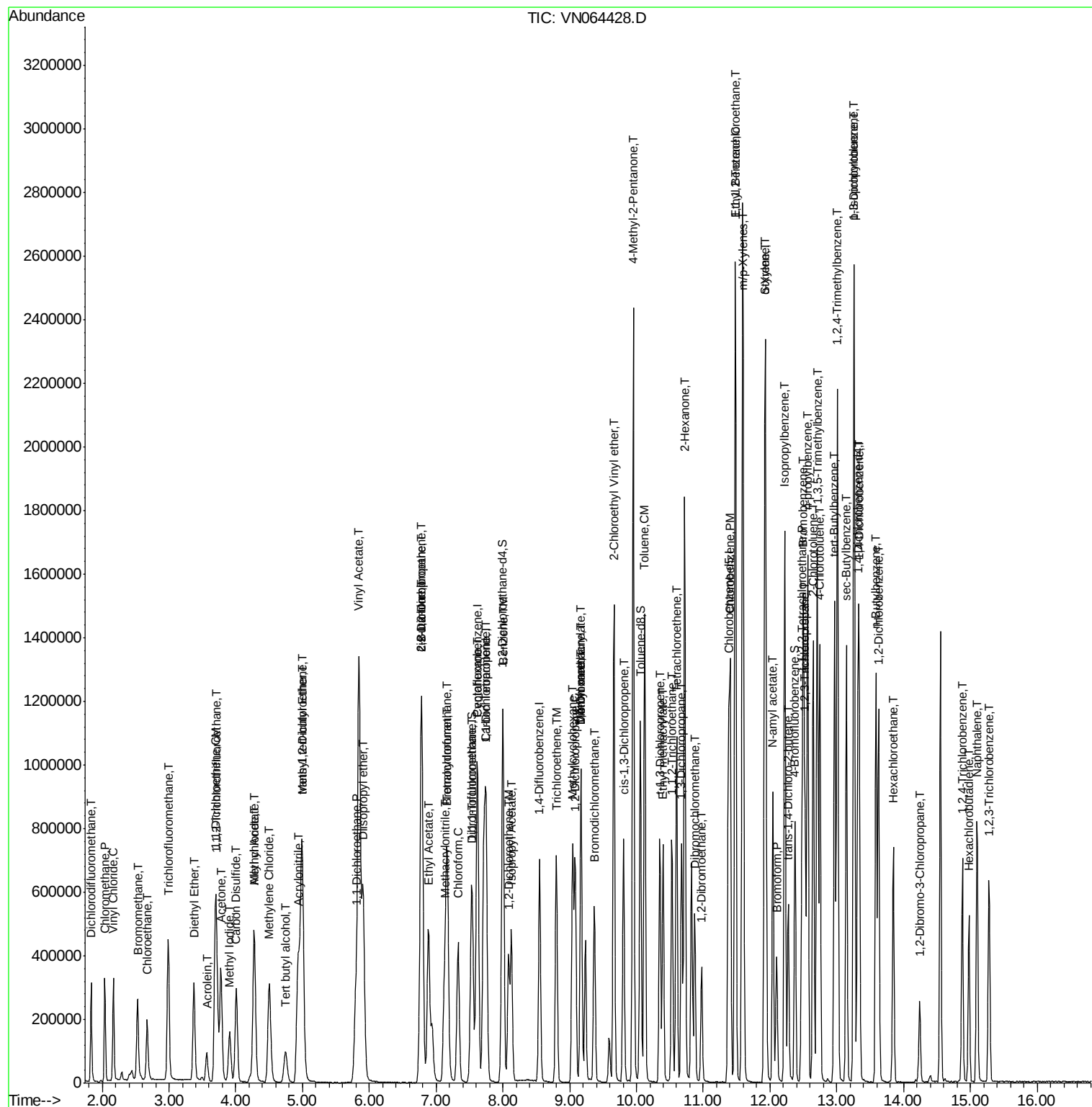
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	204034	50.961	ug/l	100
94) Hexachlorobutadiene	14.98	225	88853	36.758	ug/l	100
95) Naphthalene	15.10	128	674795	53.801	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	193054	49.928	ug/l	100

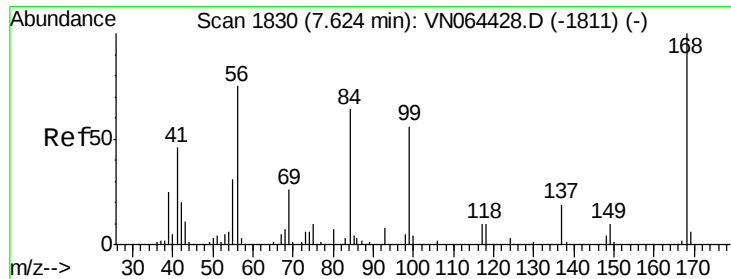
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

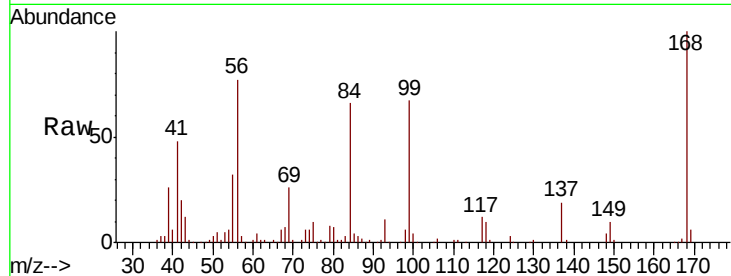
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 333986

Ion Ratio Lower Upper

168 100

99 66.8 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

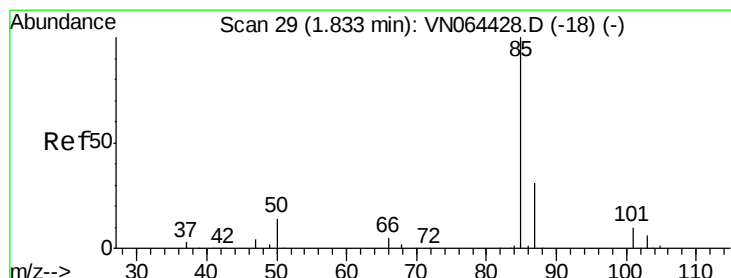
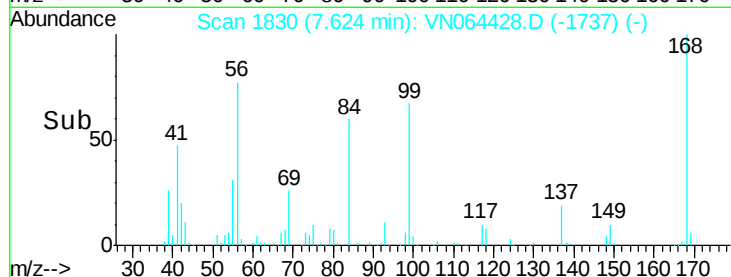
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 58.510 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064428.D

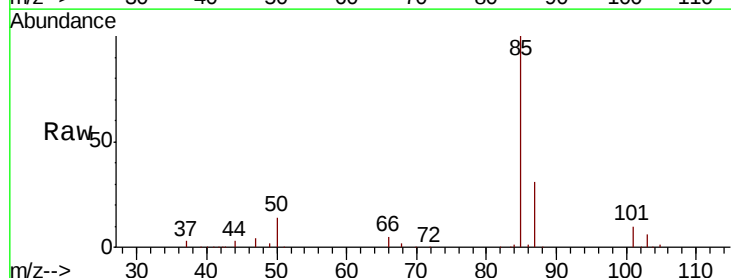
Acq: 4 Nov 2020 11:00

Tgt Ion: 85 Resp: 231103

Ion Ratio Lower Upper

85 100

87 31.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

200000

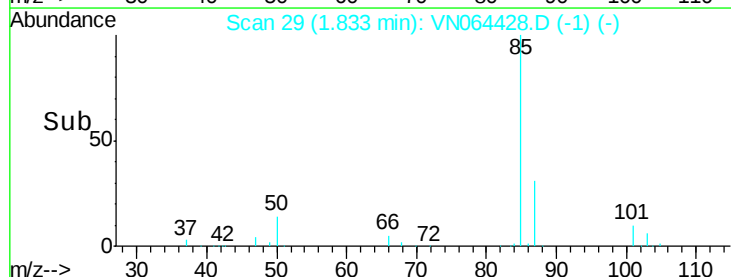
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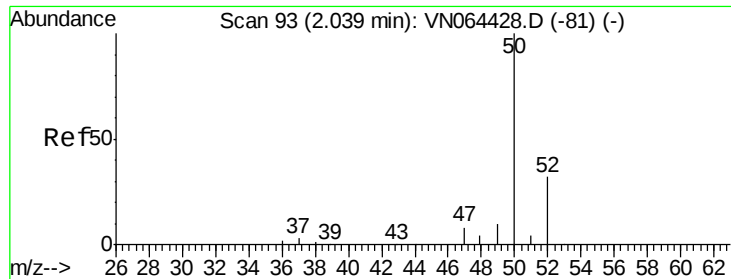
100000

50000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 62.011 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

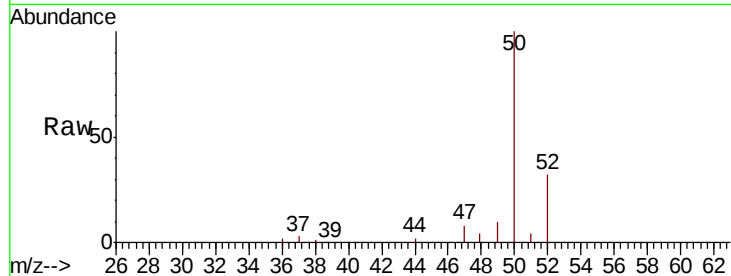
ClientSampleId :

Tot Ion: 50 Resp: 271781

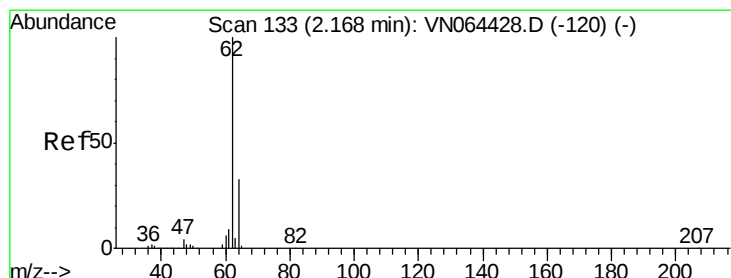
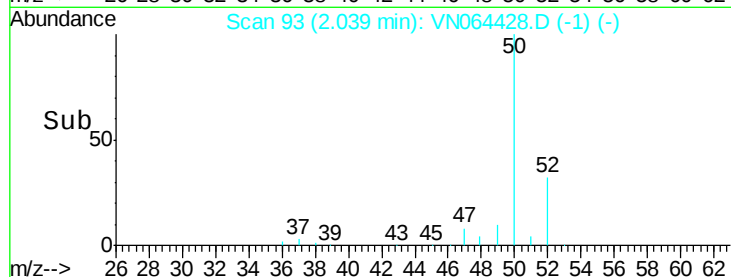
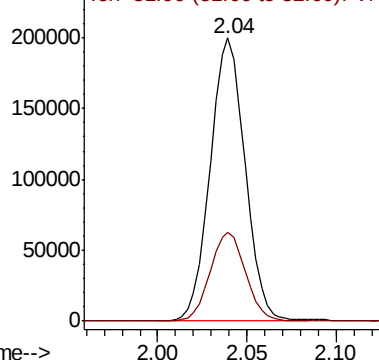
Ion Ratio Lower Upper

50 100

52 31.6 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 66.301 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064428.D

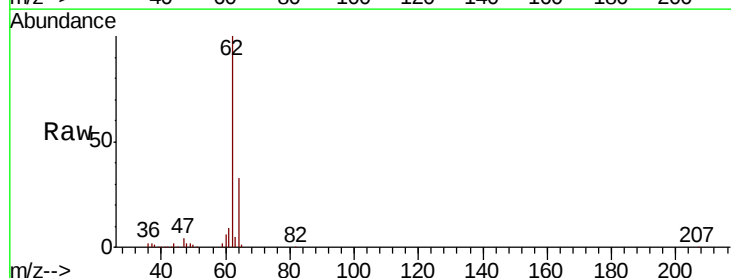
Acq: 4 Nov 2020 11:00

Tgt Ion: 62 Resp: 283239

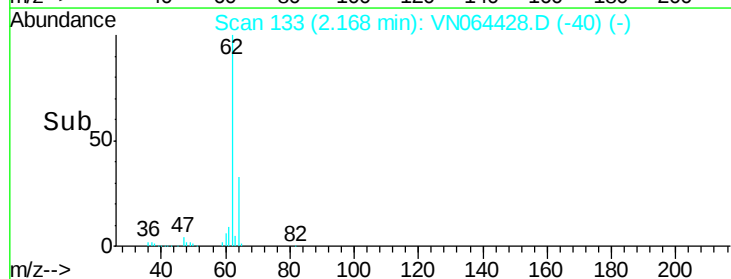
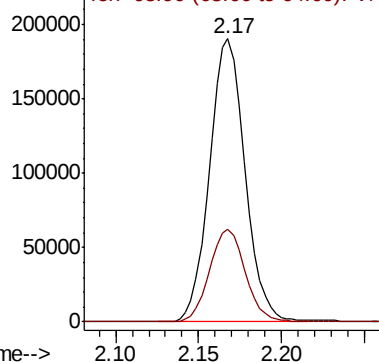
Ion Ratio Lower Upper

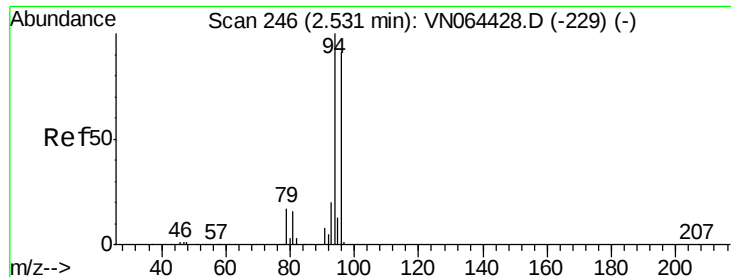
62 100

64 32.9 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 65.089 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

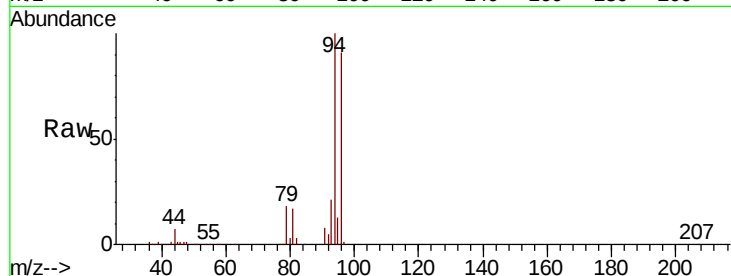
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 182242

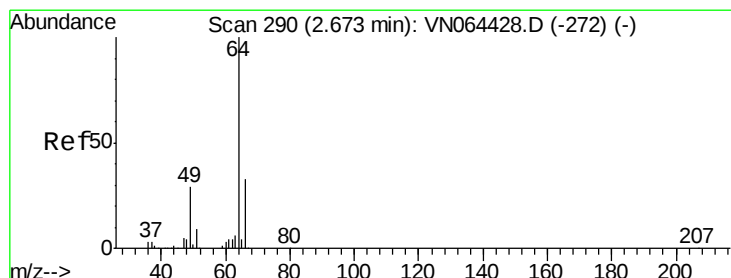
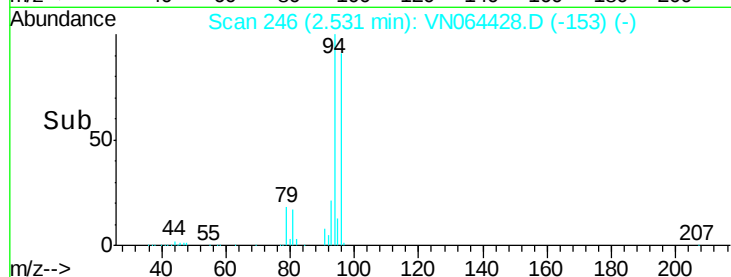
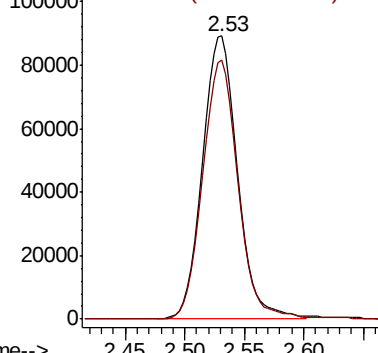
Ion Ratio Lower Upper

94 100

96 91.4 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VNC
Ion 95.90 (95.60 to 96.60): VNC



#6

Chloroethane

Concen: 69.135 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064428.D

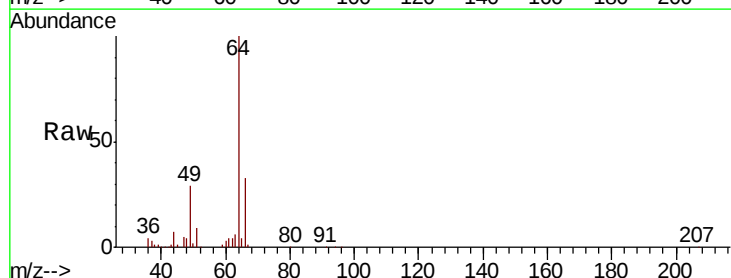
Acq: 4 Nov 2020 11:00

Tgt Ion: 64 Resp: 180180

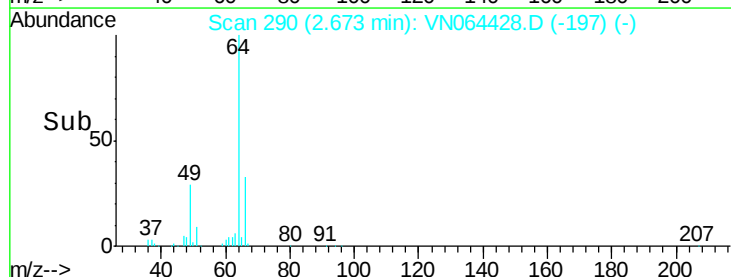
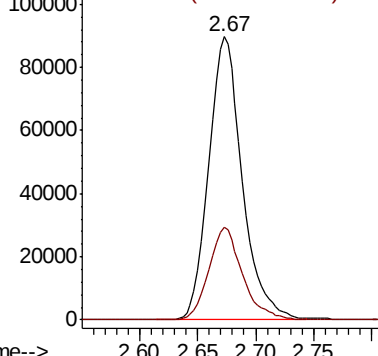
Ion Ratio Lower Upper

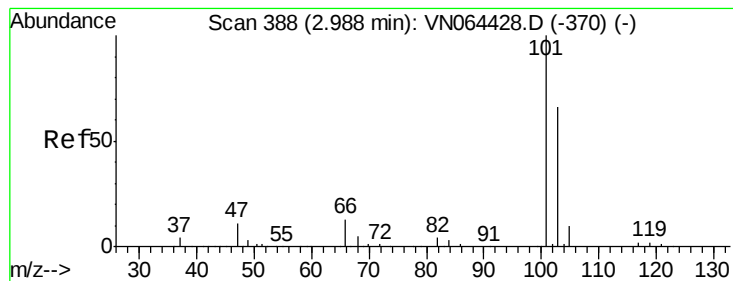
64 100

66 32.6 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VNC
Ion 65.90 (65.60 to 66.60): VNC



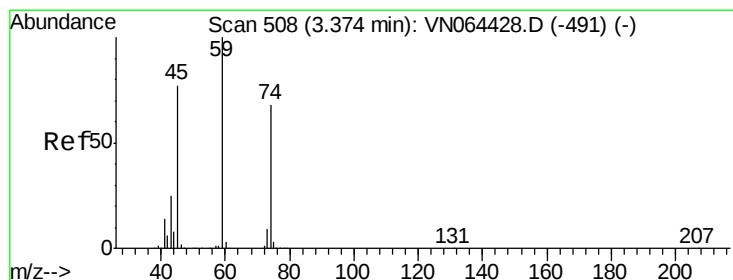
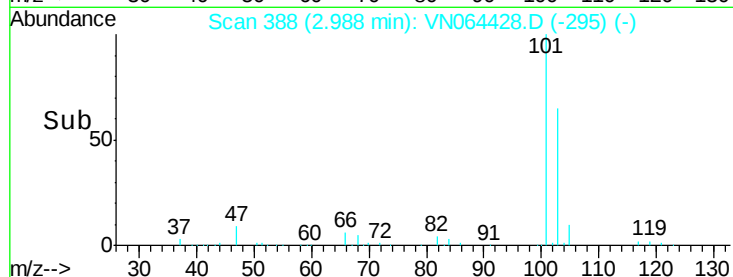
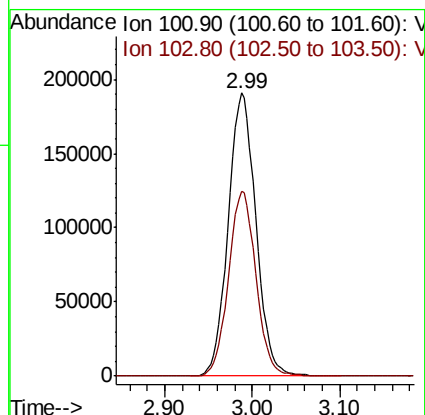
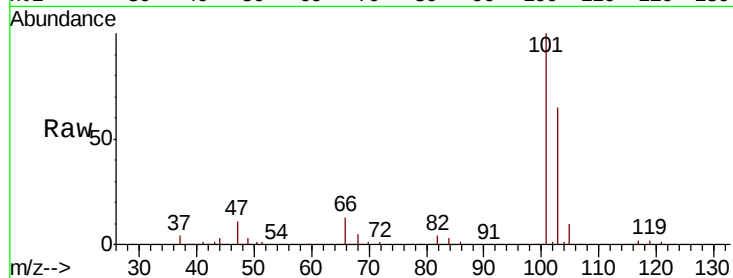


#7

Trichlorofluoromethane
 Concen: 60.102 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
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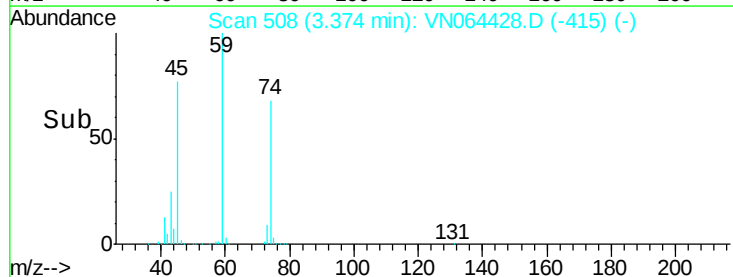
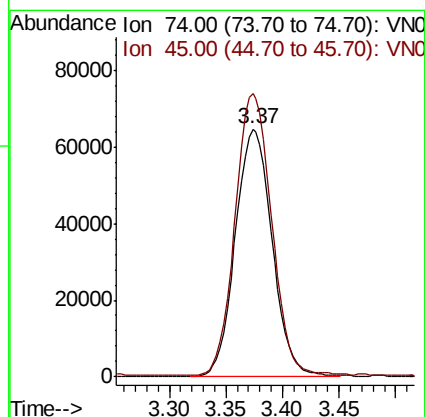
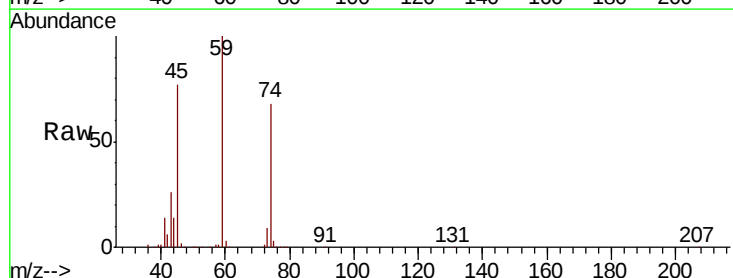
Tot Ion:101 Resp: 420290
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.4 78.6

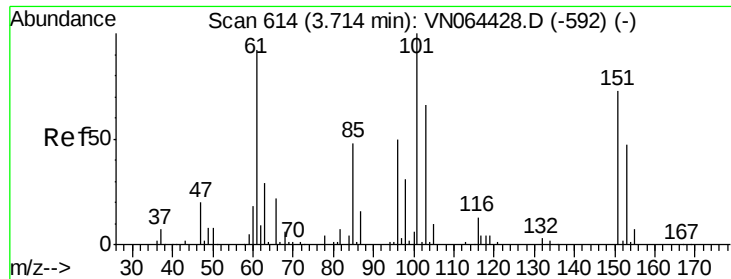


#8

Diethyl Ether
 Concen: 65.309 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion: 74 Resp: 147065
 Ion Ratio Lower Upper
 74 100
 45 111.7 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.482 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

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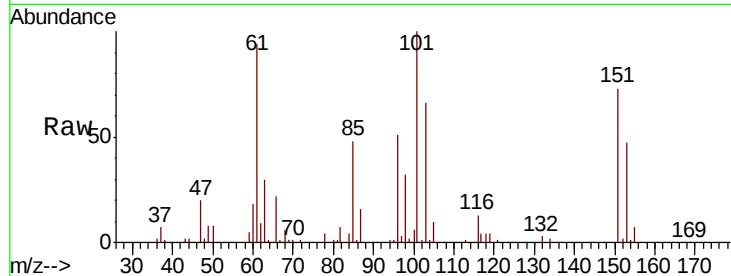
Tot Ion:101 Resp: 195915

Ion Ratio Lower Upper

101 100

85 48.2 38.6 57.8

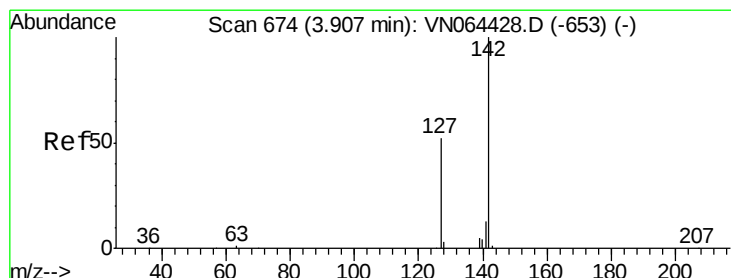
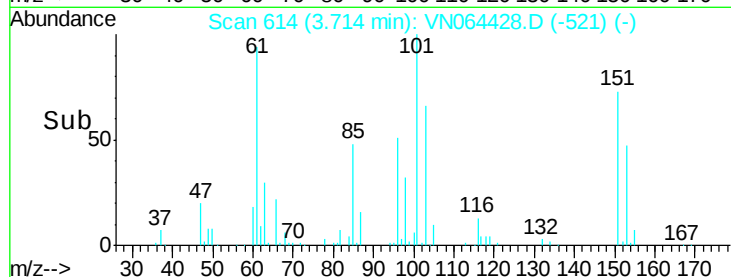
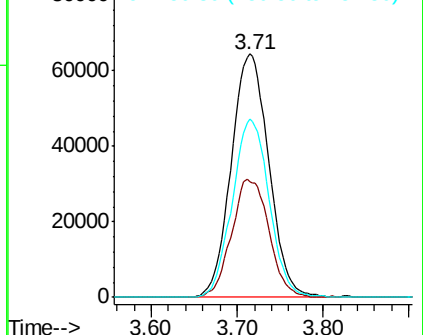
151 71.9 57.5 86.3



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: 52.776 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

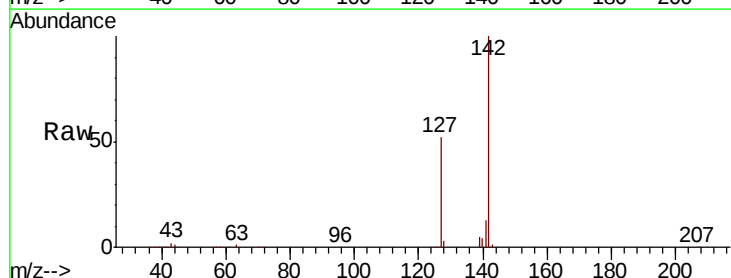
Tgt Ion:142 Resp: 238885

Ion Ratio Lower Upper

142 100

127 52.3 41.8 62.8

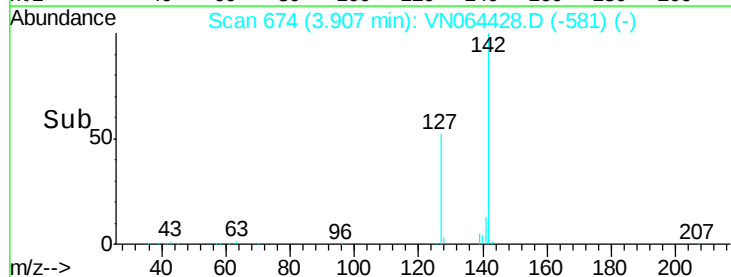
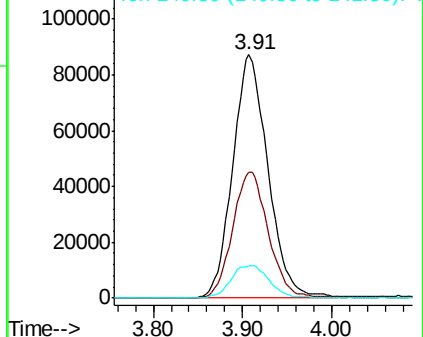
141 14.3 11.4 17.2

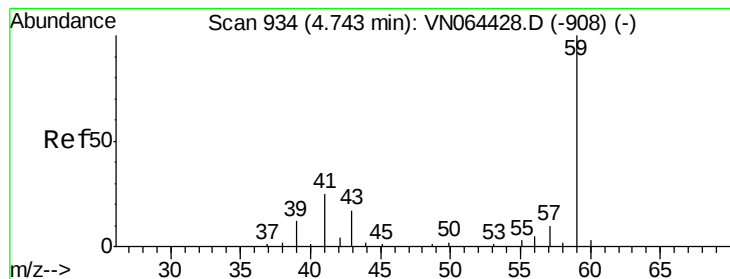


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



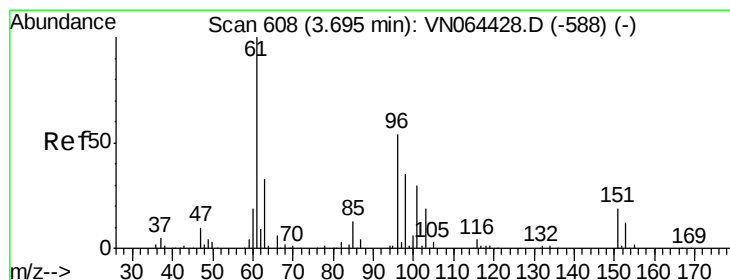
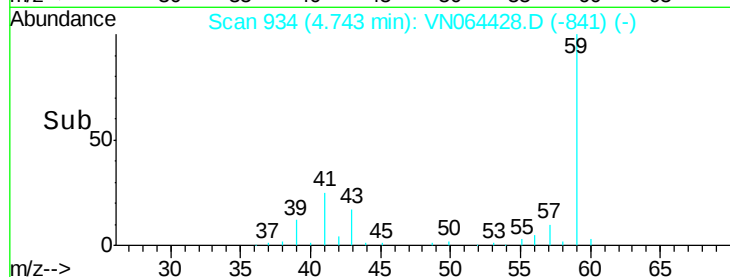
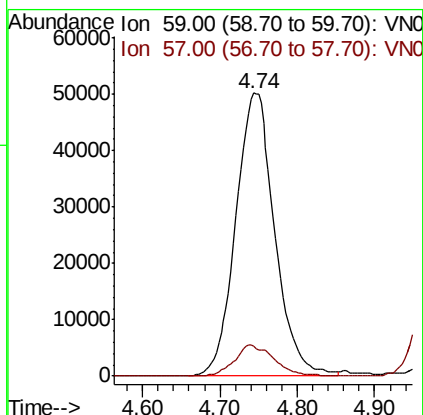
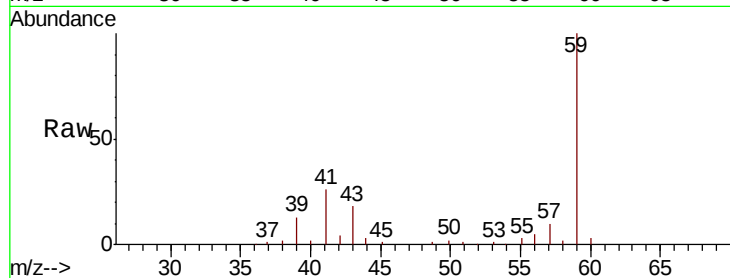


#11

Tert butyl alcohol
 Concen: 231.525 ug/l
 RT: 4.74 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampled :

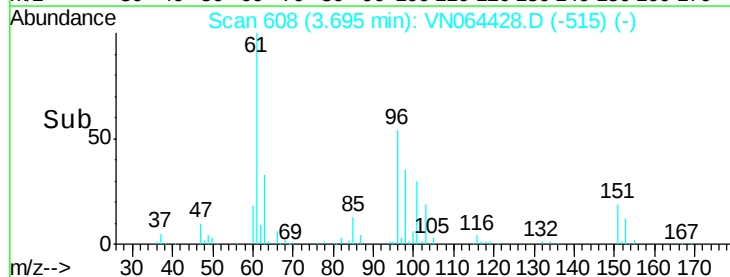
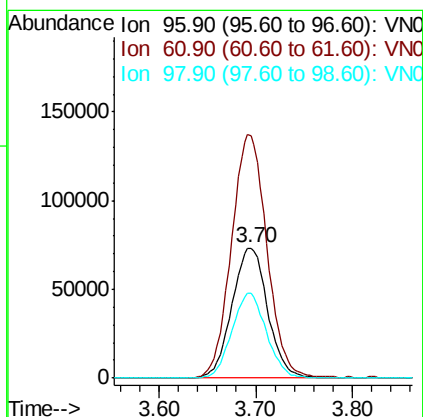
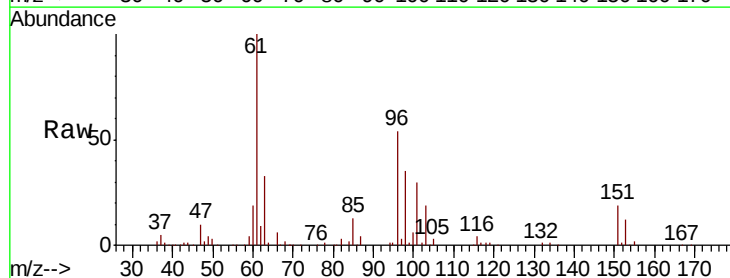
Tot Ion: 59 Resp: 175790
 Ion Ratio Lower Upper
 59 100
 57 11.2 9.0 13.4

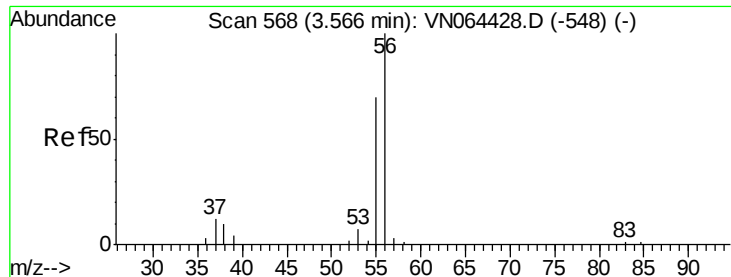


#12

1,1-Dichloroethene
 Concen: 57.536 ug/l
 RT: 3.70 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion: 96 Resp: 188468
 Ion Ratio Lower Upper
 96 100
 61 186.9 149.5 224.3
 98 65.5 52.4 78.6

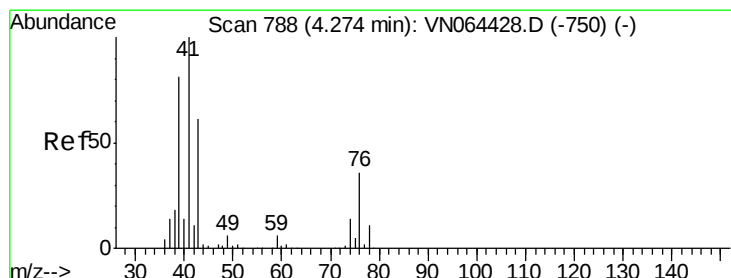
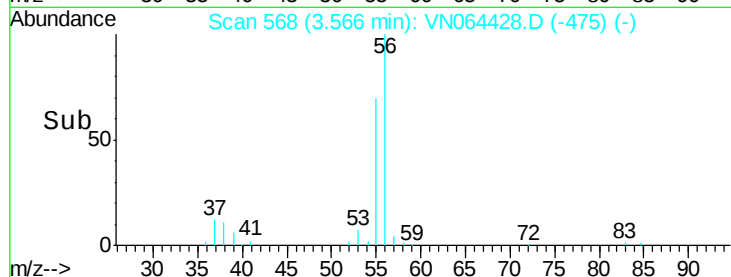
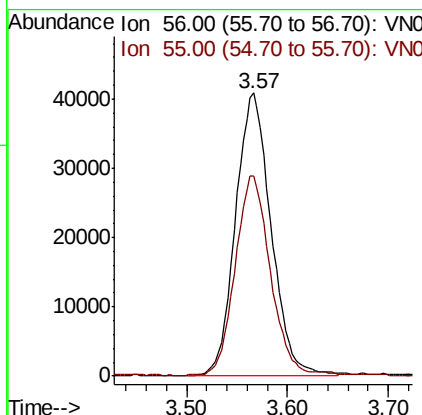
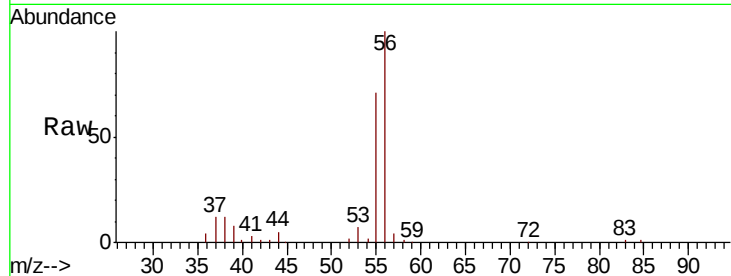




#13
 Acrolein
 Concen: 434.860 ug/l
 RT: 3.57 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

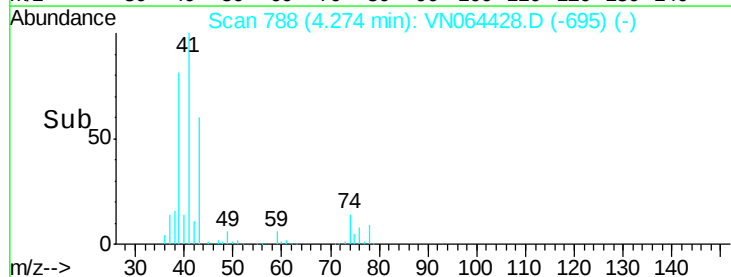
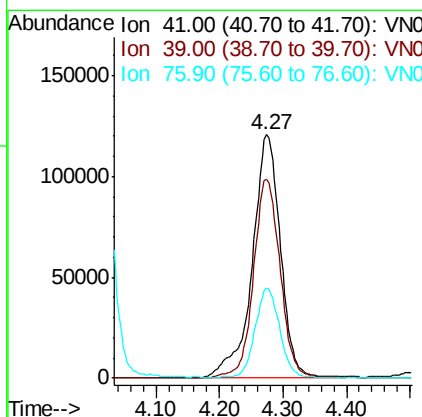
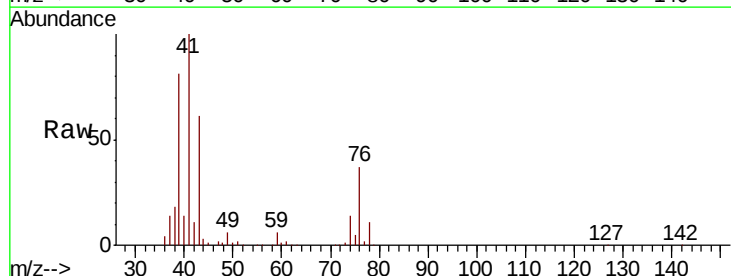
Instrument :
 MSVOA_N
 ClientSampled :

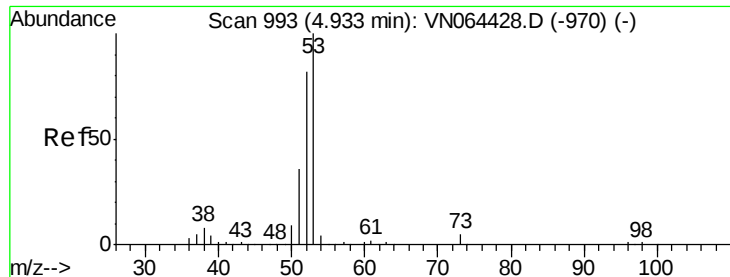
Tot Ion: 56 Resp: 100007
 Ion Ratio Lower Upper
 56 100
 55 69.9 55.9 83.9



#14
 Allyl chloride
 Concen: 55.972 ug/l
 RT: 4.27 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion: 41 Resp: 373521
 Ion Ratio Lower Upper
 41 100
 39 77.3 61.8 92.8
 76 31.7 25.4 38.0

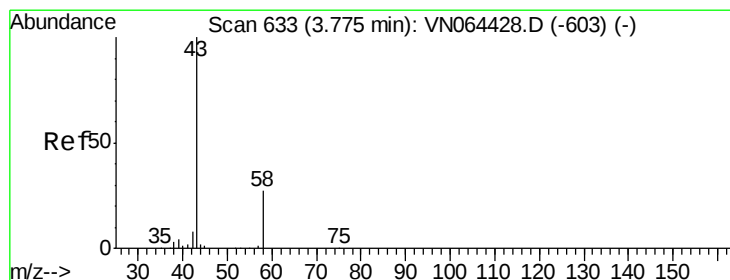
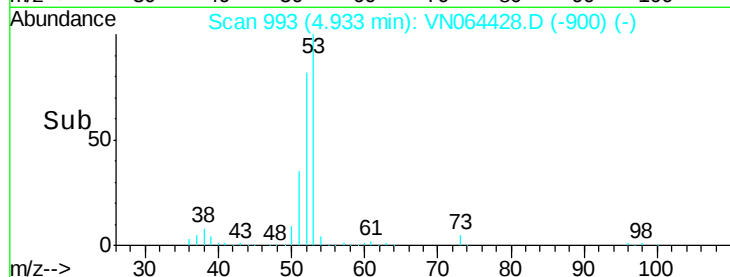
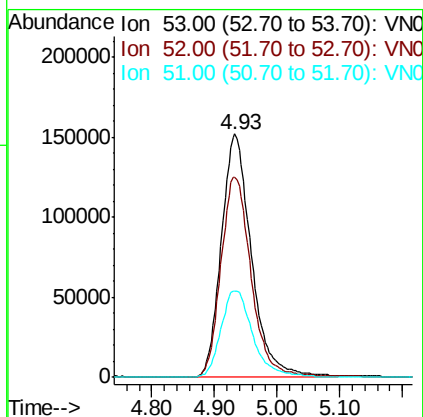
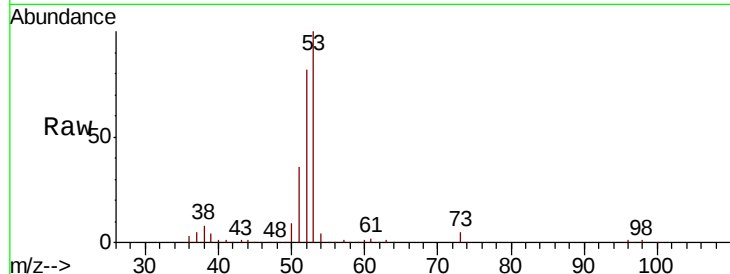




#15
 Acrylonitrile
 Concen: 296.325 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

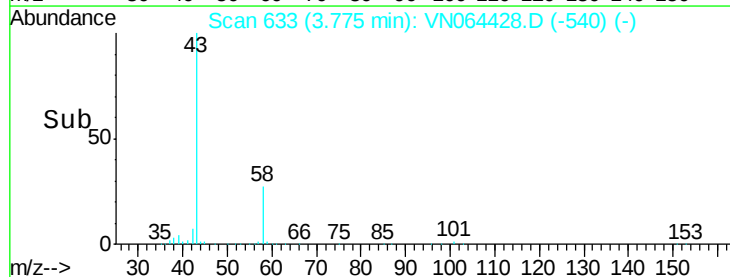
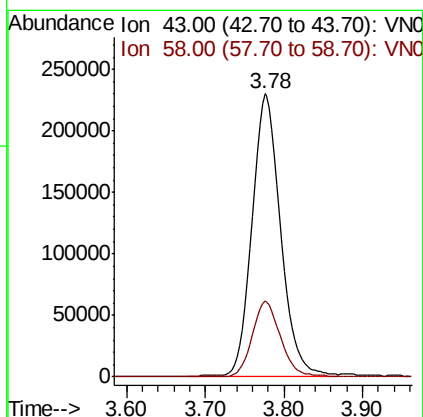
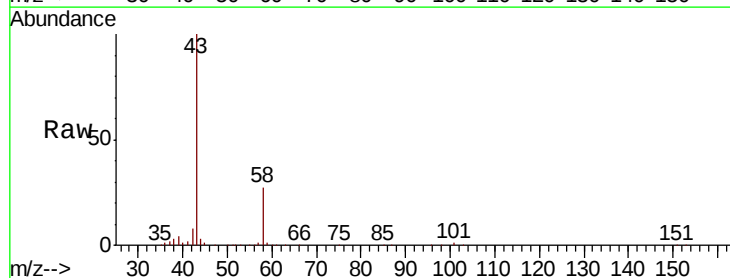
Instrument :
 MSVOA_N
 ClientSampleId :

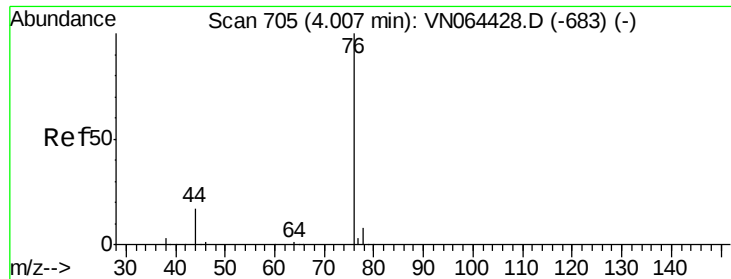
Tot Ion: 53 Resp: 507951
 Ion Ratio Lower Upper
 53 100
 52 82.0 65.6 98.4
 51 37.4 29.9 44.9



#16
 Acetone
 Concen: 292.948 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion: 43 Resp: 595851
 Ion Ratio Lower Upper
 43 100
 58 26.7 21.4 32.0

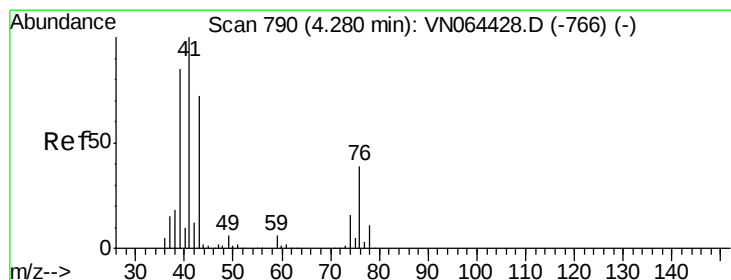
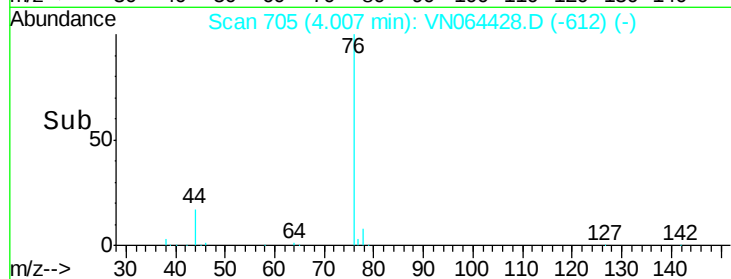
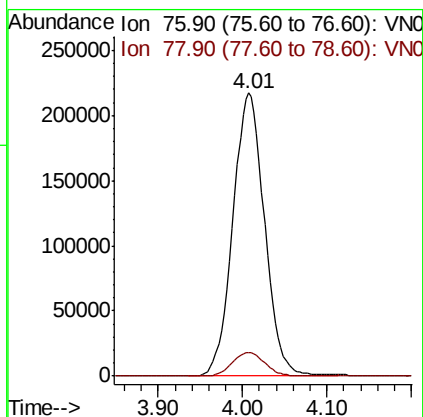
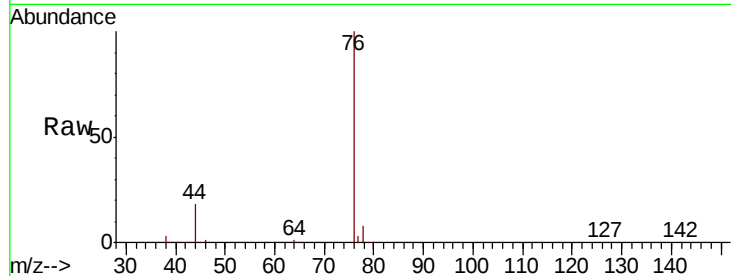




#17
Carbon Disulfide
Concen: 58.157 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

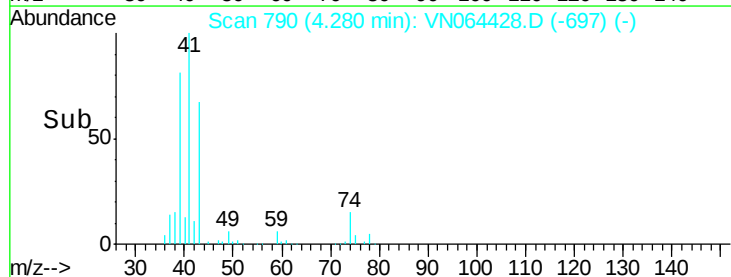
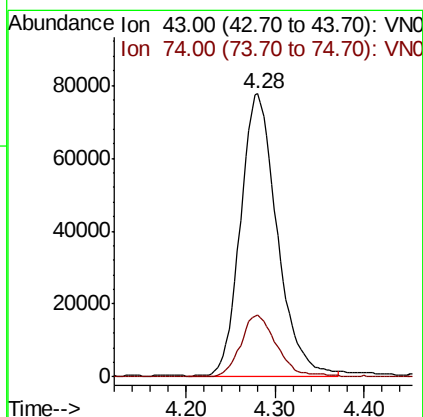
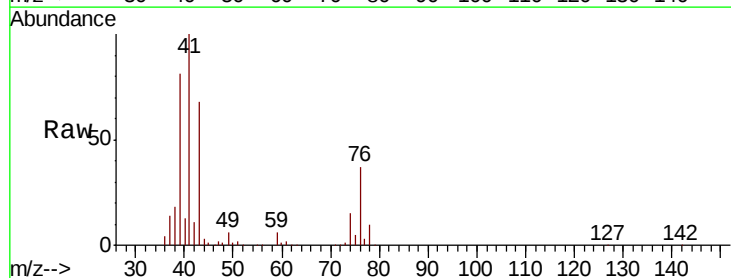
Instrument :
MSVOA_N
ClientSampleId :

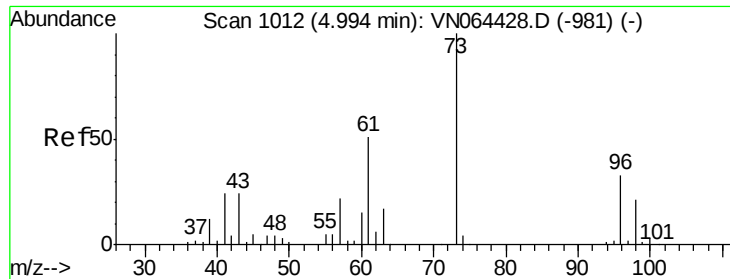
Tot Ion: 76 Resp: 568278
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 54.077 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion: 43 Resp: 221028
Ion Ratio Lower Upper
43 100
74 21.2 17.0 25.4

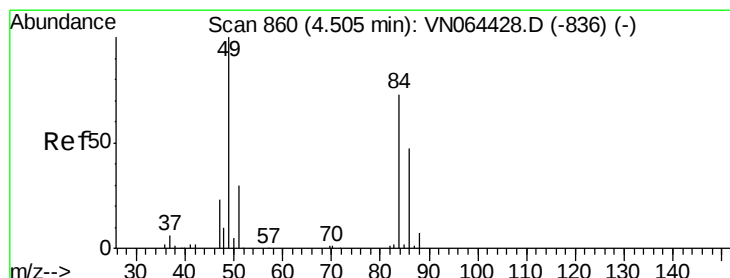
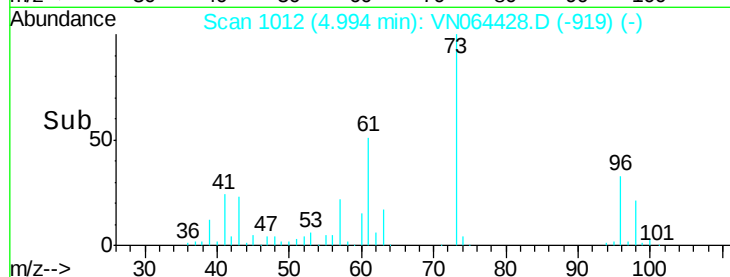
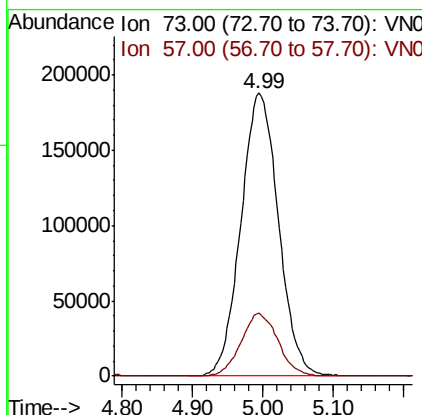
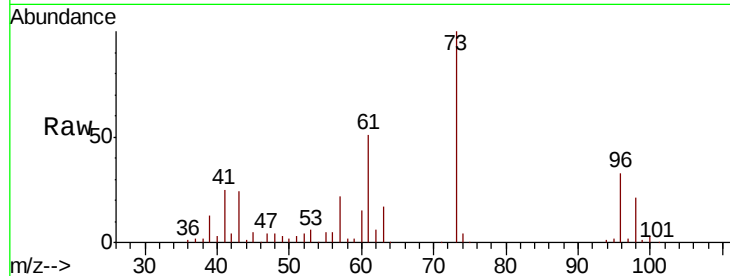




#19
Methvl tert-butvl Ether
Concen: 55.964 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

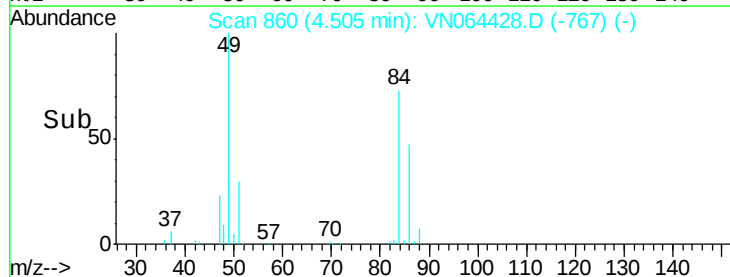
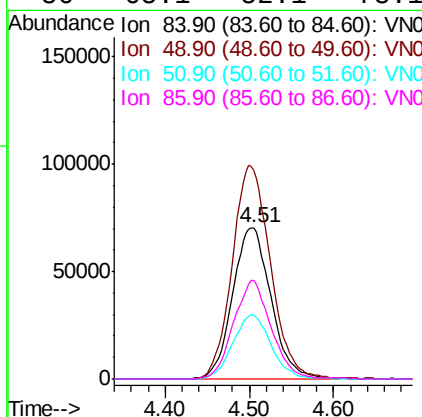
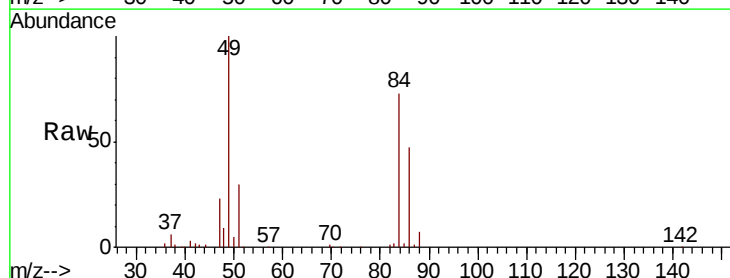
Instrument :
MSVOA_N
ClientSampled :

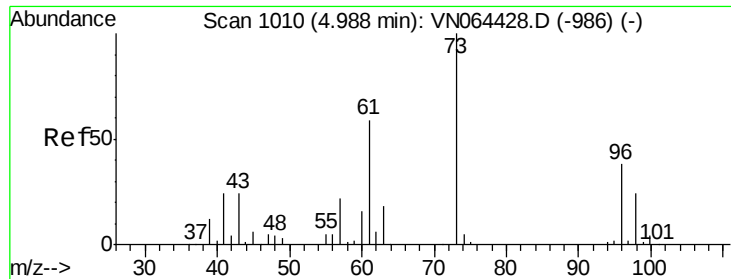
Tot Ion: 73 Resp: 698332
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 57.050 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion: 84 Resp: 223115
Ion Ratio Lower Upper
84 100
49 137.6 110.1 165.1
51 42.0 33.6 50.4
86 65.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 58.580 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampled :

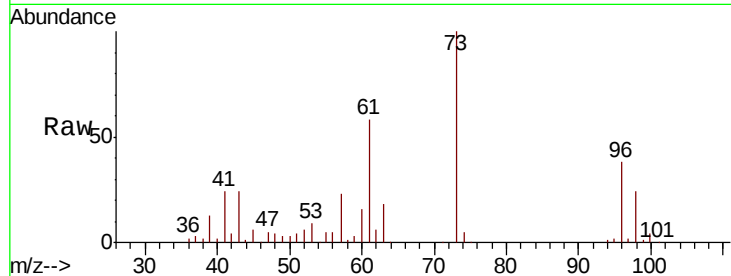
Tot Ion: 96 Resp: 216091

Ion Ratio Lower Upper

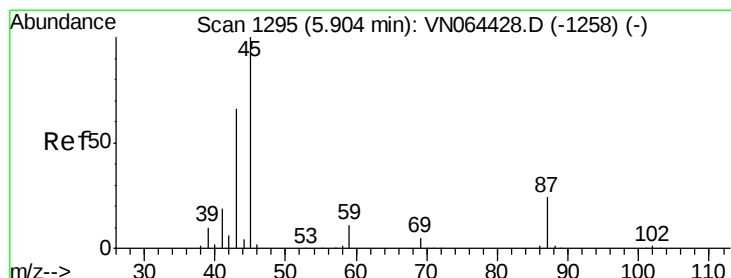
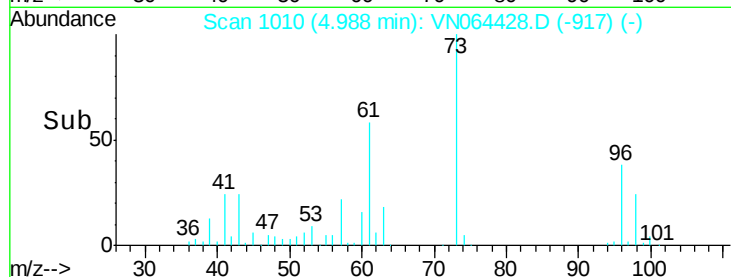
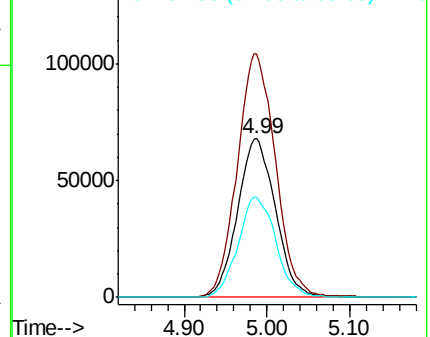
96 100

61 153.0 122.4 183.6

98 63.0 50.4 75.6



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



#22

Diisopropyl ether

Concen: 61.269 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Tgt Ion: 45 Resp: 814256

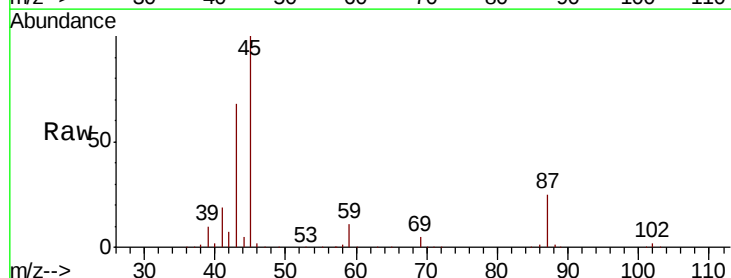
Ion Ratio Lower Upper

45 100

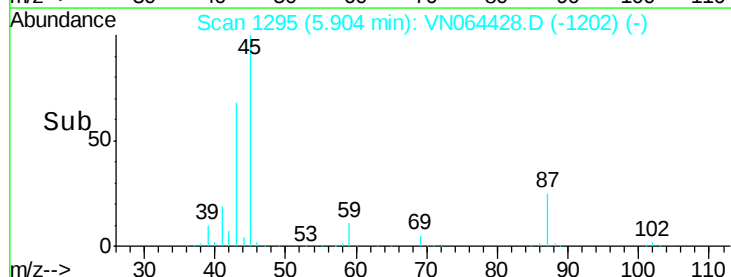
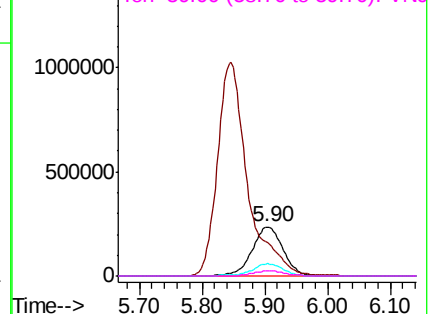
43 66.5 53.2 79.8

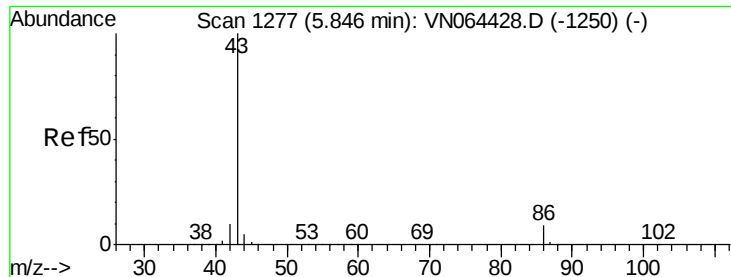
87 24.9 19.9 29.9

59 10.8 8.6 13.0



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





#23

Vinyl Acetate

Concen: 308.218 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

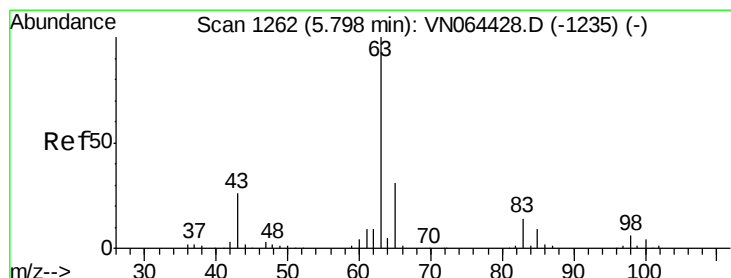
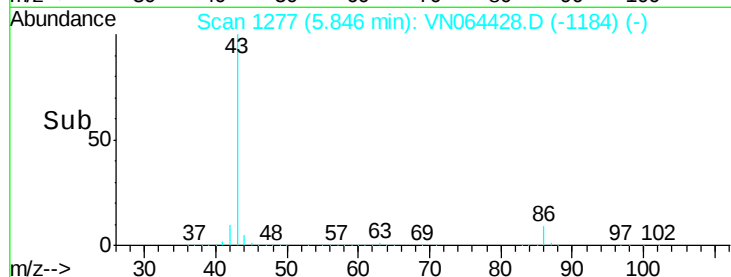
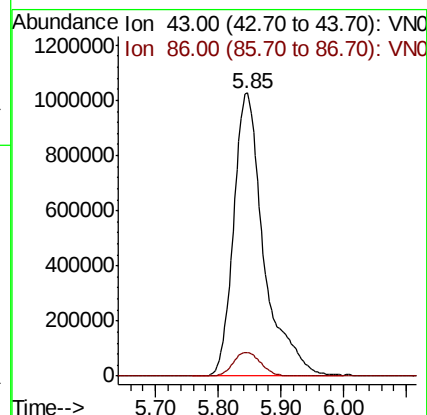
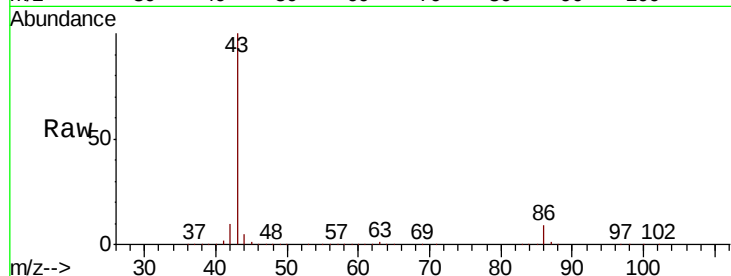
ClientSampled :

Tot Ion: 43 Resp: 3426869

Ion Ratio Lower Upper

43 100

86 8.5 6.8 10.2



#24

1,1-Dichloroethane

Concen: 59.106 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

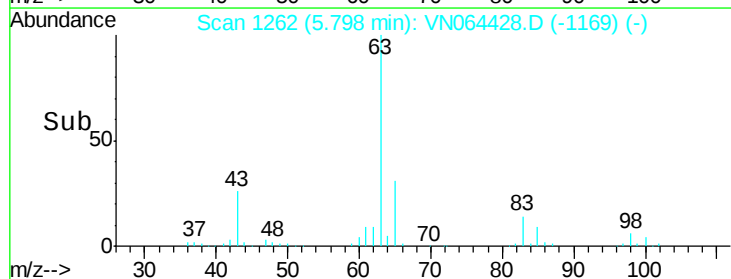
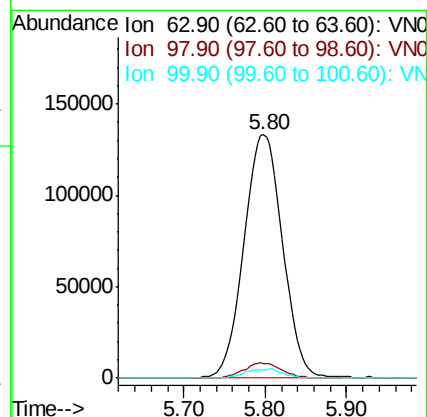
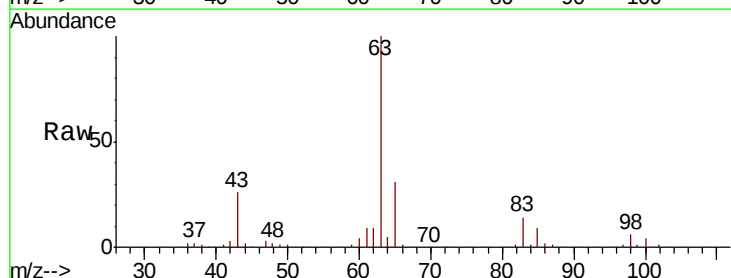
Tgt Ion: 63 Resp: 435661

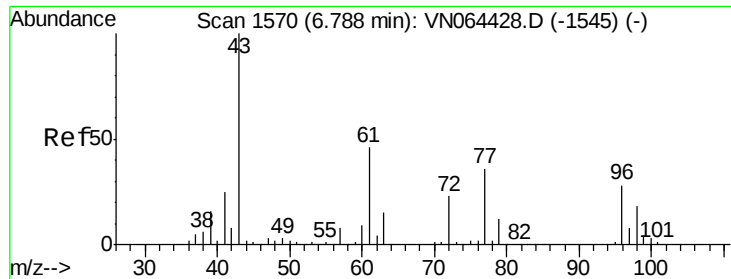
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 3.5 1.8 5.3

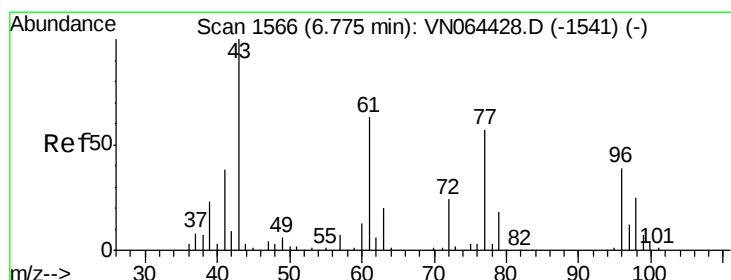
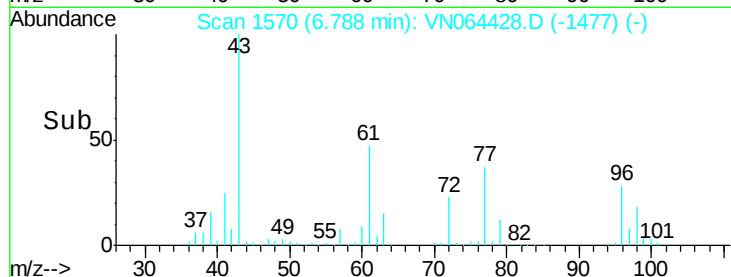
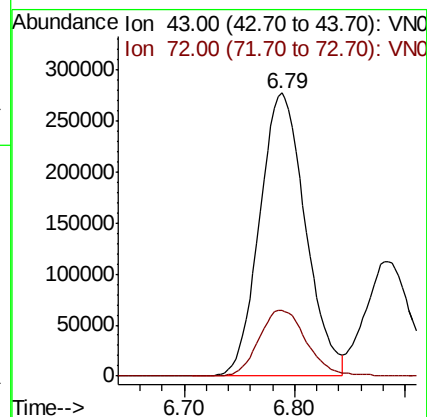
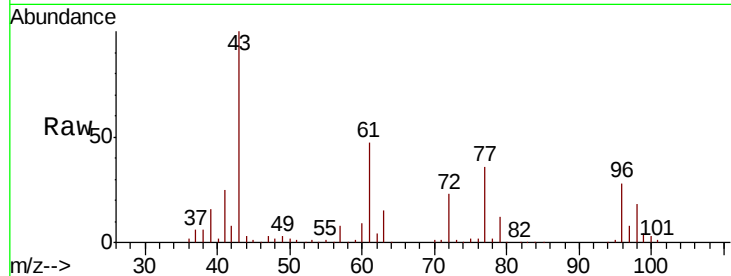




#25
2-Butanone
Concen: 288.478 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

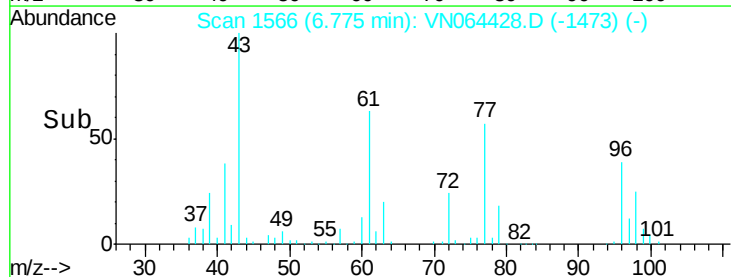
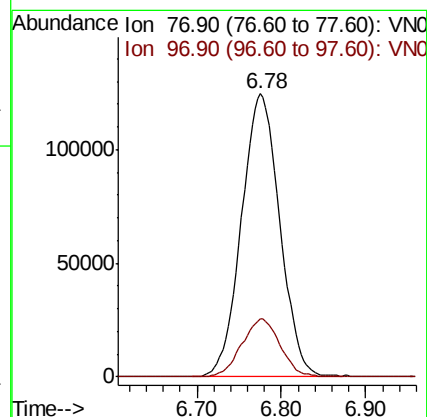
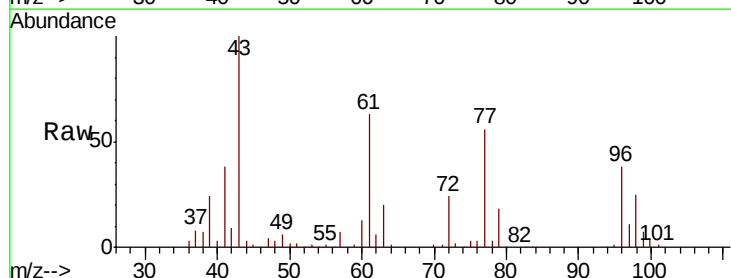
Instrument :
MSVOA_N
ClientSampleId :

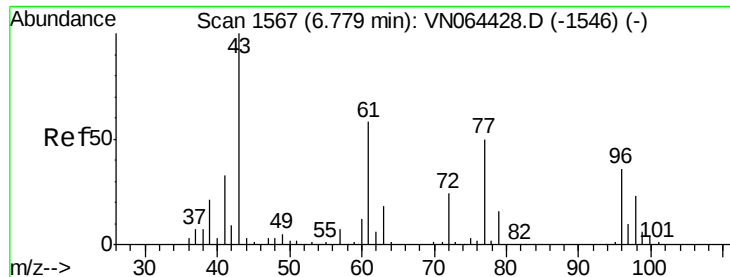
Tot Ion: 43 Resp: 795756
Ion Ratio Lower Upper
43 100
72 23.1 18.5 27.7



#26
2,2-Dichloropropane
Concen: 55.330 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion: 77 Resp: 393372
Ion Ratio Lower Upper
77 100
97 20.4 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 59.556 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampled :

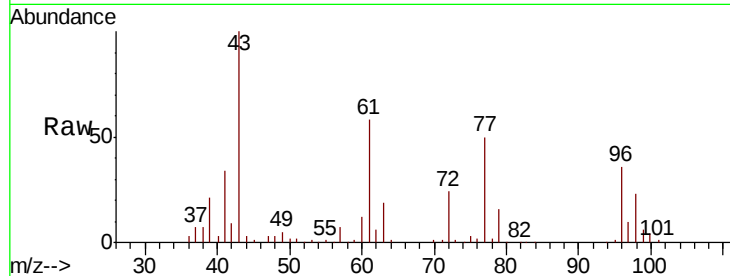
Tot Ion: 96 Resp: 250871

Ion Ratio Lower Upper

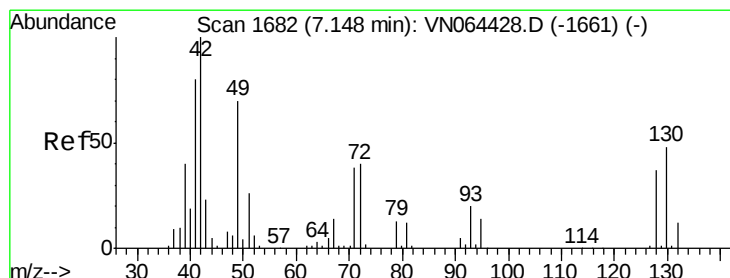
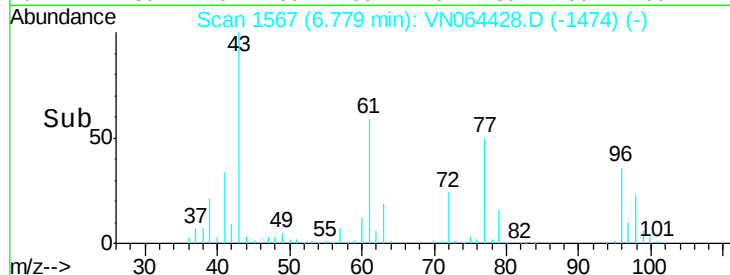
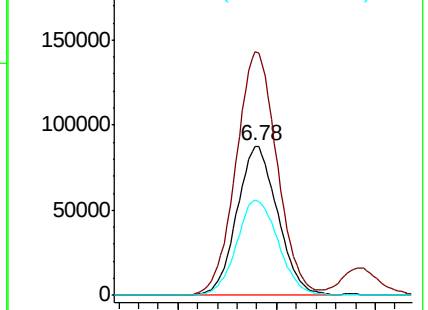
96 100

61 164.8 0.0 329.6

98 65.6 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: 51.724 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

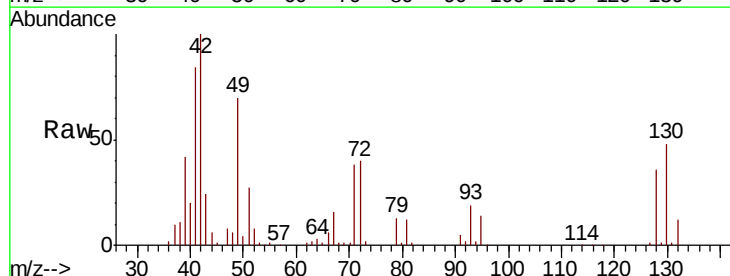
Tgt Ion: 49 Resp: 177160

Ion Ratio Lower Upper

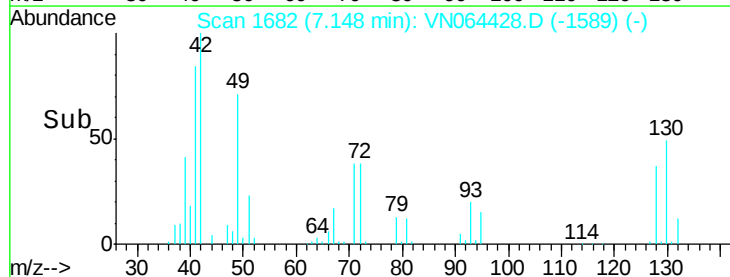
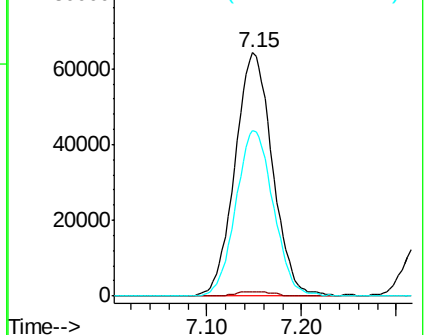
49 100

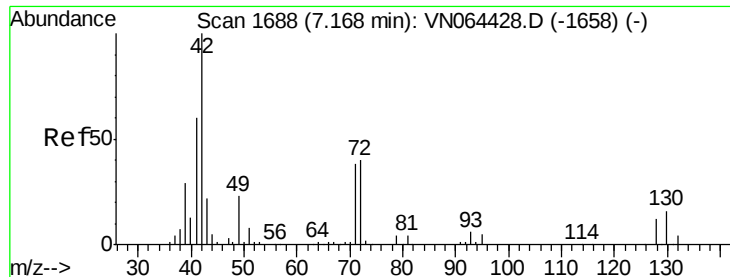
129 1.8 0.0 3.6

130 67.8 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

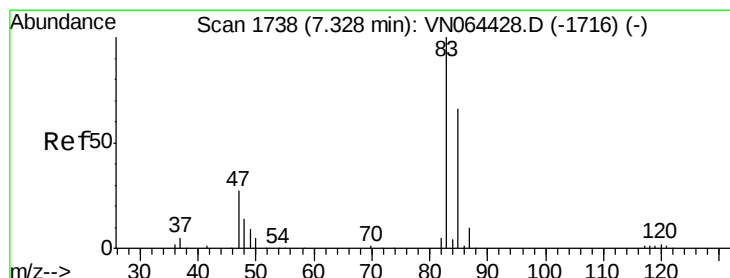
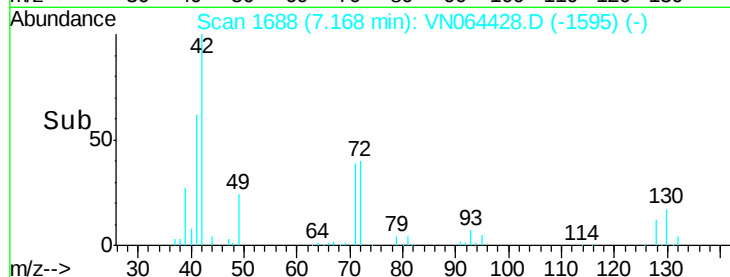
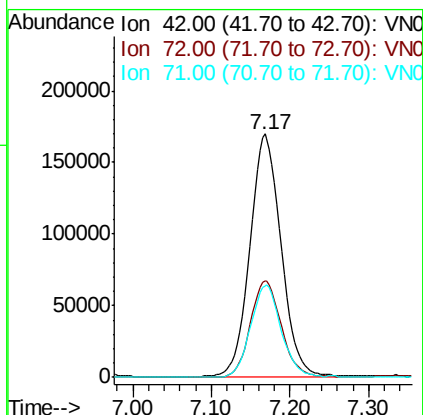
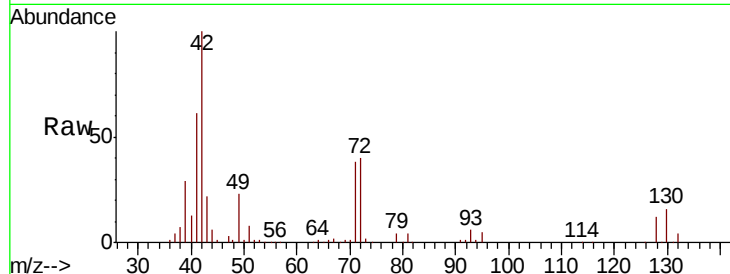




#29
Tetrahydrofuran
Concen: 271.406 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

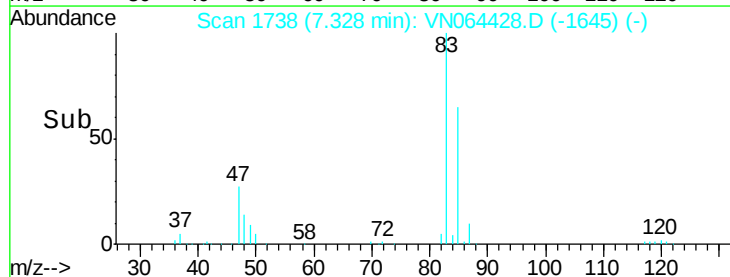
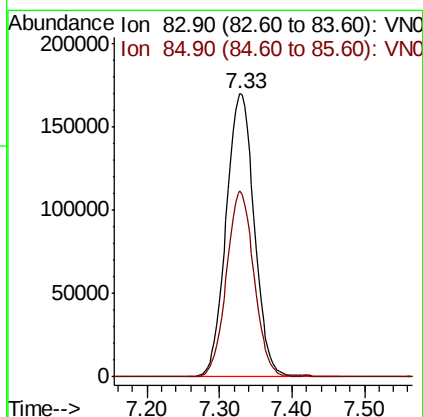
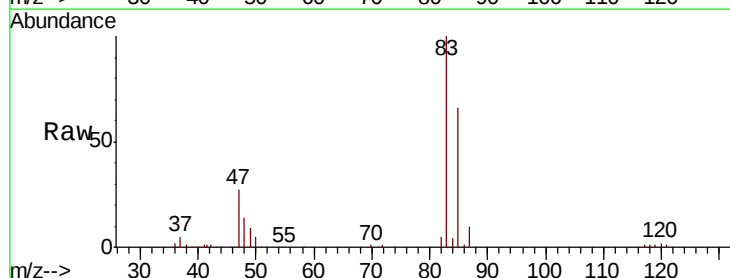
Instrument :
MSVOA_N
ClientSampled :

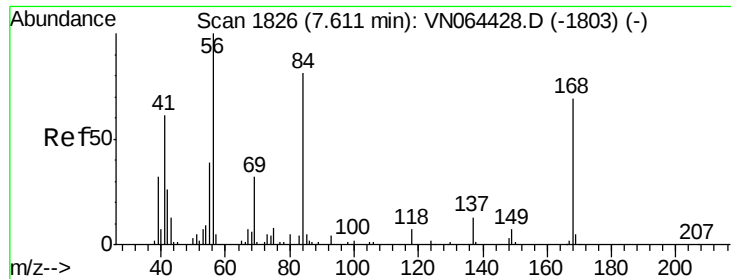
Tot Ion: 42 Resp: 479098
Ion Ratio Lower Upper
42 100
72 39.6 31.7 47.5
71 37.2 29.8 44.6



#30
Chloroform
Concen: 58.434 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion: 83 Resp: 459798
Ion Ratio Lower Upper
83 100
85 65.6 52.5 78.7

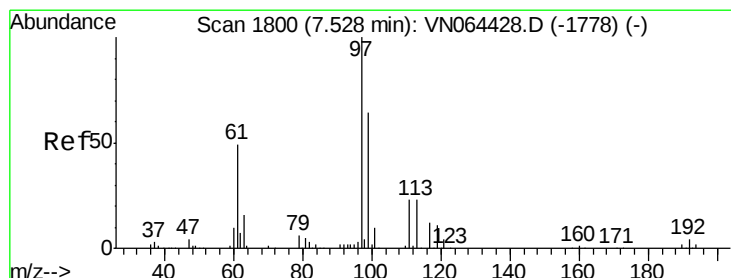
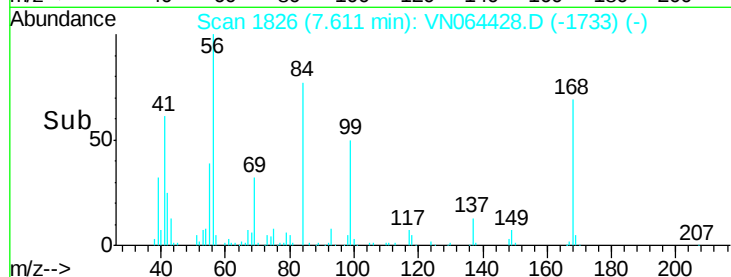
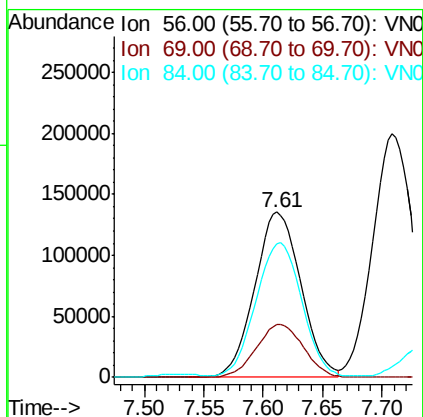
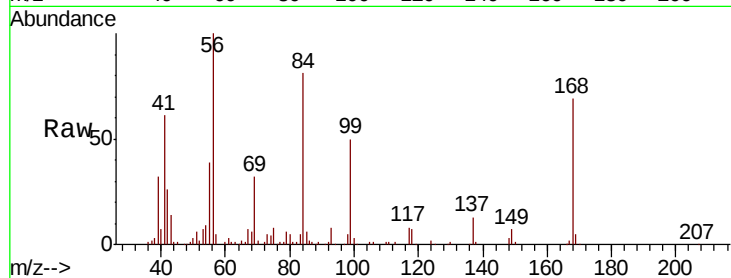




#31
Cyclohexane
Concen: 56.445 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

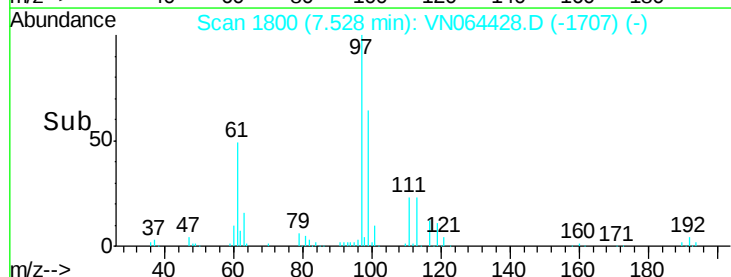
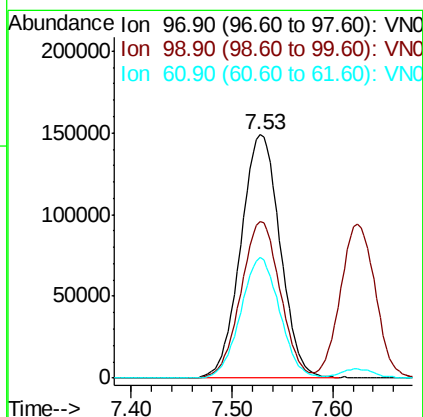
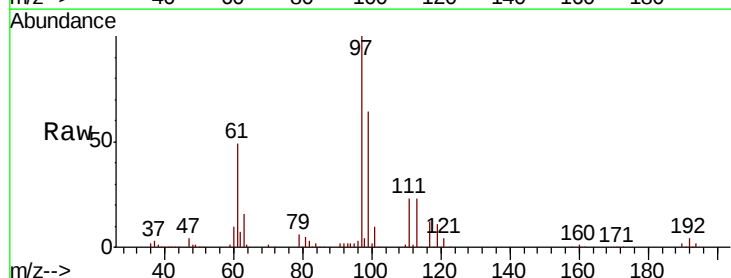
Instrument :
MSVOA_N
ClientSampled :

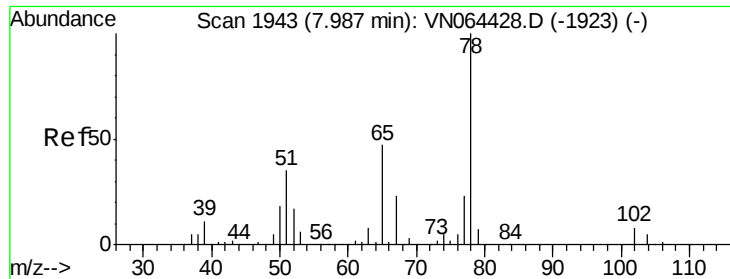
Tot Ion: 56 Resp: 365268
Ion Ratio Lower Upper
56 100
69 32.0 25.6 38.4
84 78.8 63.0 94.6



#32
1,1,1-Trichloroethane
Concen: 54.341 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion: 97 Resp: 403730
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 48.9 39.1 58.7

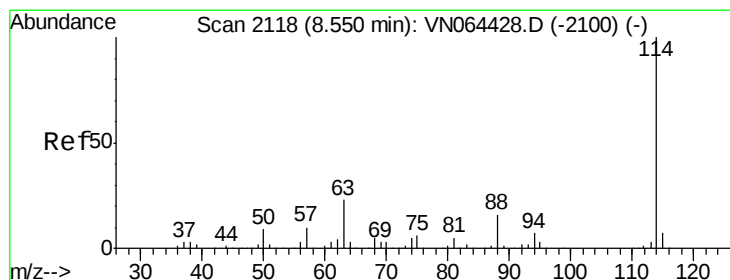
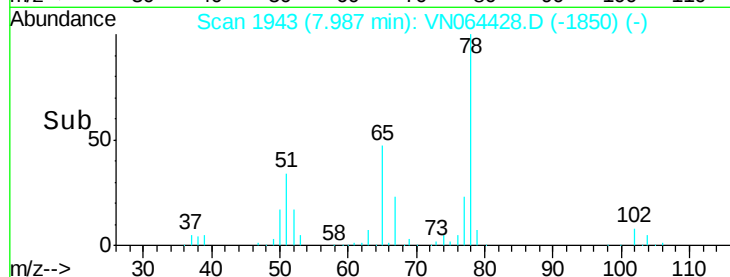
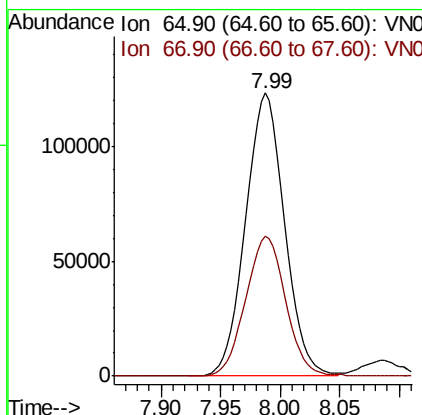
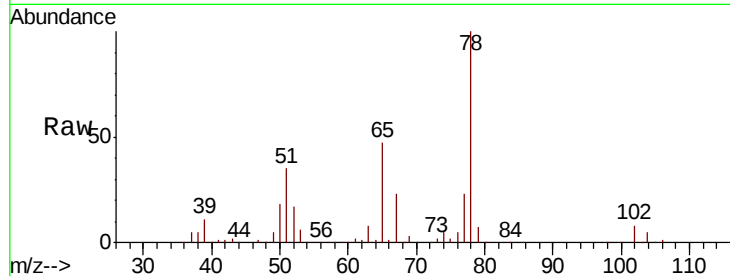




#33
 1,2-Dichloroethane-d4
 Concen: 51.279 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

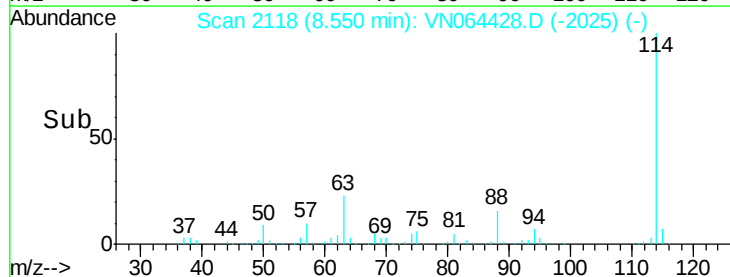
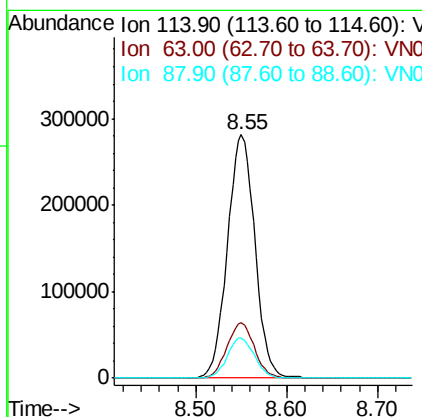
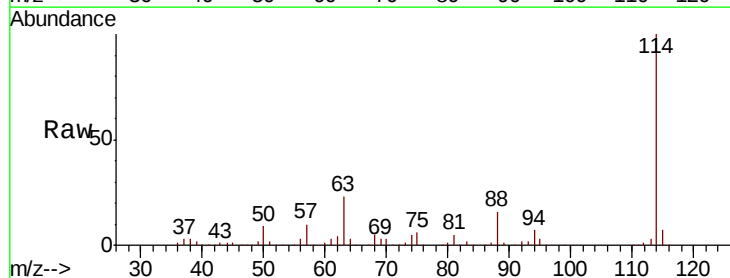
Instrument :
 MSVOA_N
 ClientSampleId :

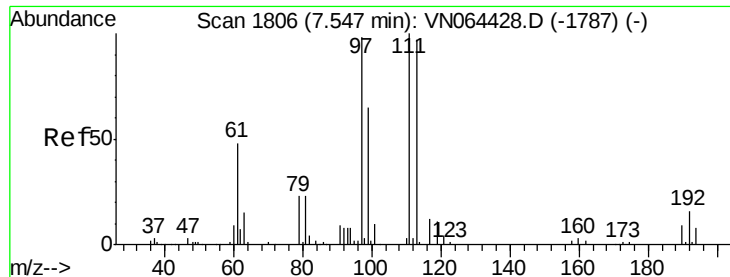
Tot Ion: 65 Resp: 280208
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion: 114 Resp: 589147
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 16.4 0.0 32.8

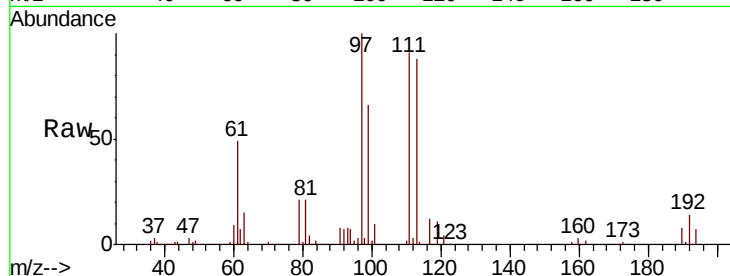




#35
 Dibromofluoromethane
 Concen: 48.995 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	16.0	12.8	19.2

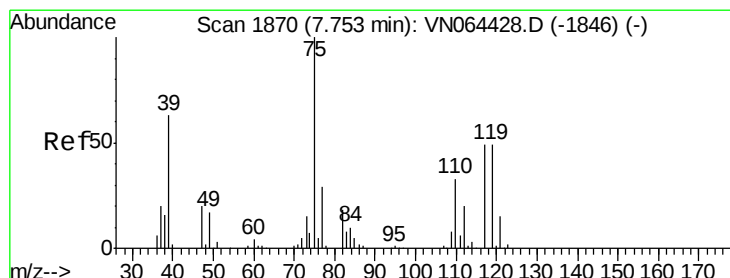
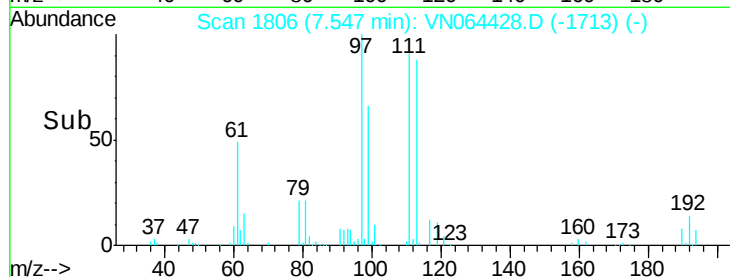
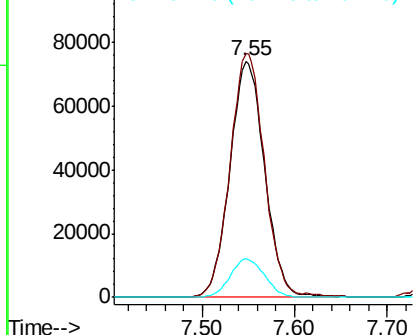


Abundance

Ion 112.80 (112.50 to 113.50): V

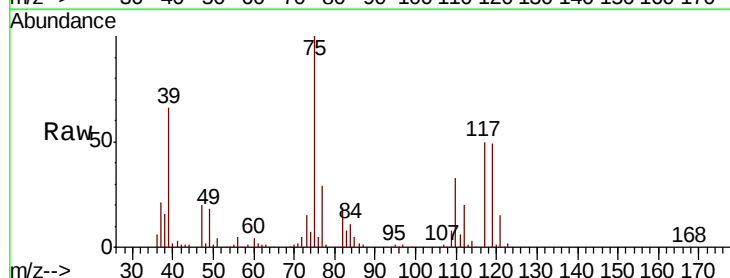
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 55.710 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.0	16.0	48.0
77	30.0	24.0	36.0

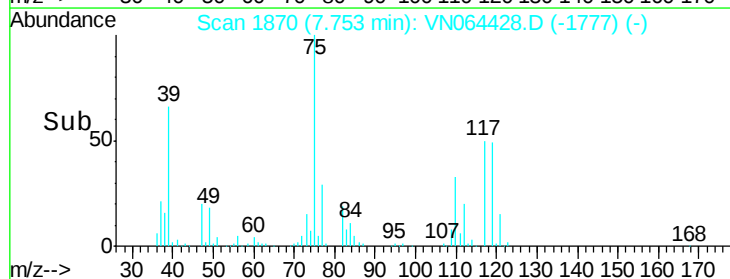
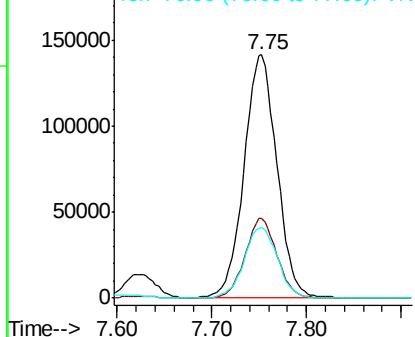


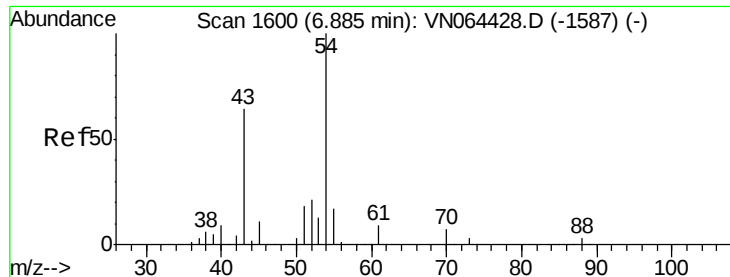
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

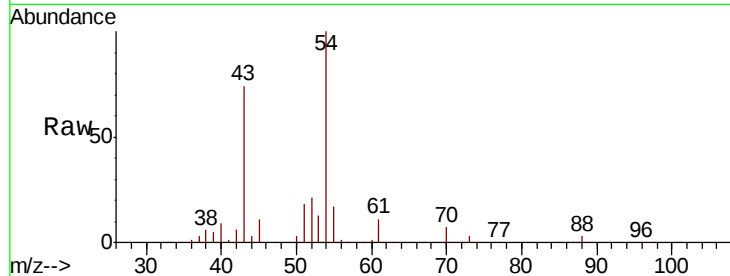




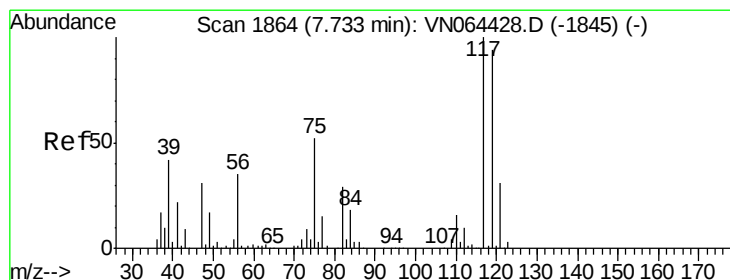
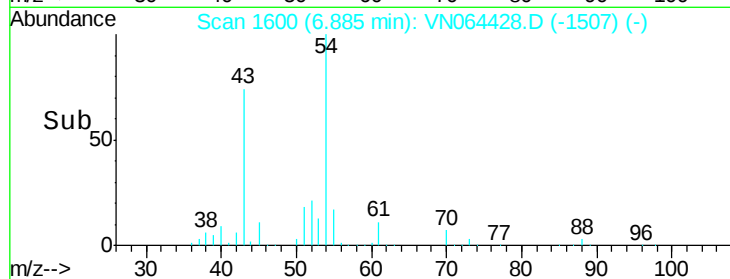
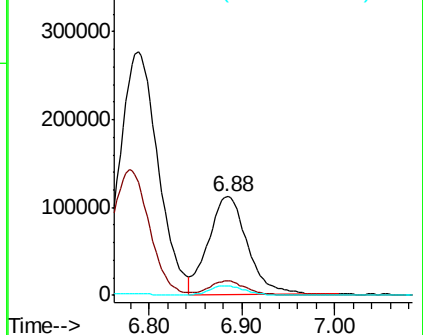
#37
Ethyl Acetate
Concen: 53.835 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 326247
Ion Ratio Lower Upper
43 100
61 12.5 10.0 15.0
70 8.9 7.1 10.7

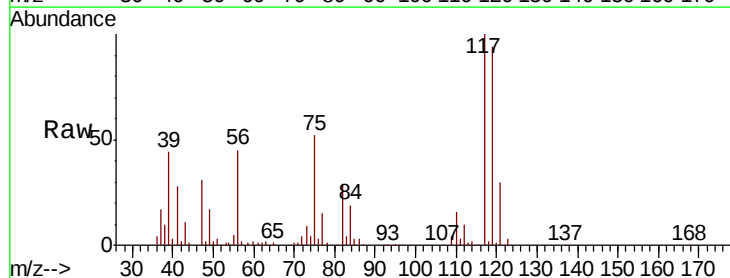


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

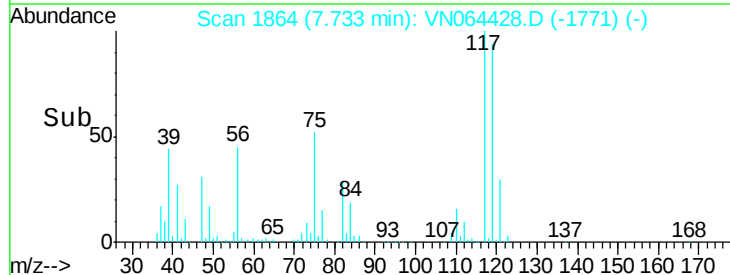
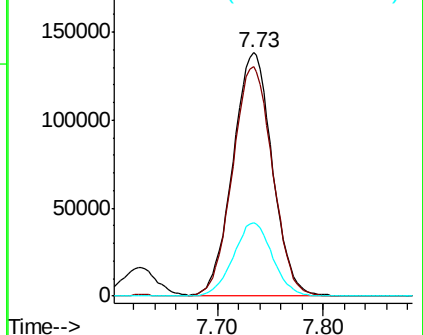


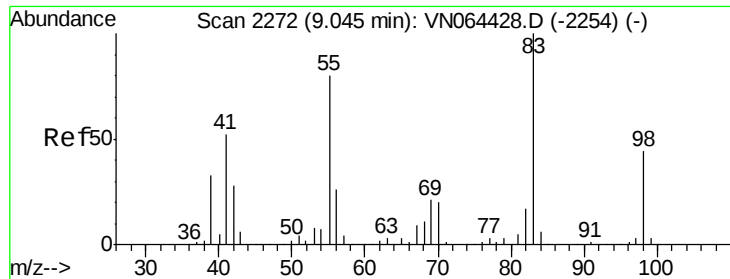
#38
Carbon Tetrachloride
Concen: 51.804 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion: 117 Resp: 356854
Ion Ratio Lower Upper
117 100
119 94.4 75.5 113.3
121 30.5 24.4 36.6



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

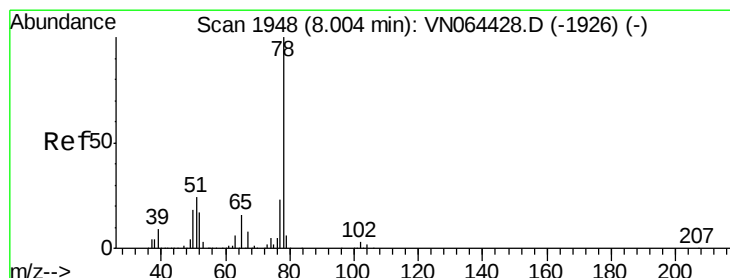
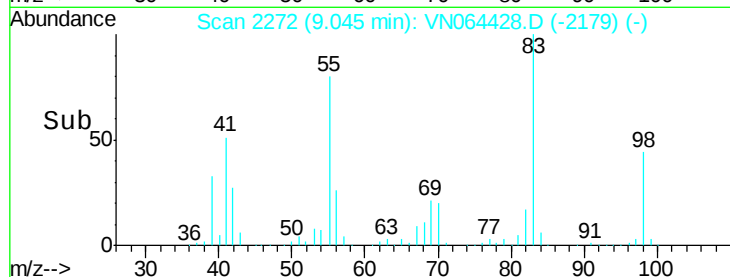
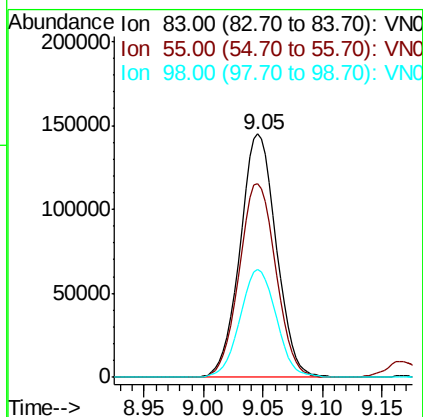
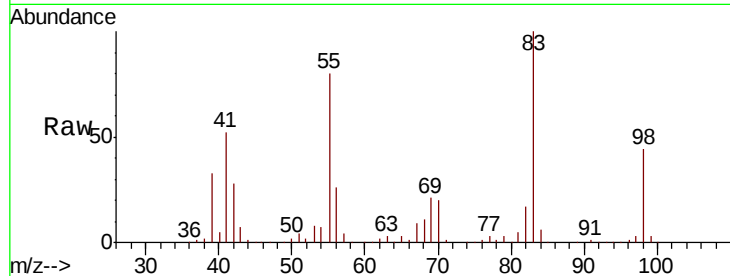




#39
Methvlcvclohexane
Concen: 51.616 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

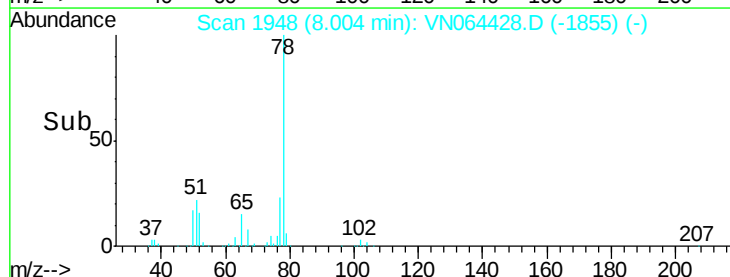
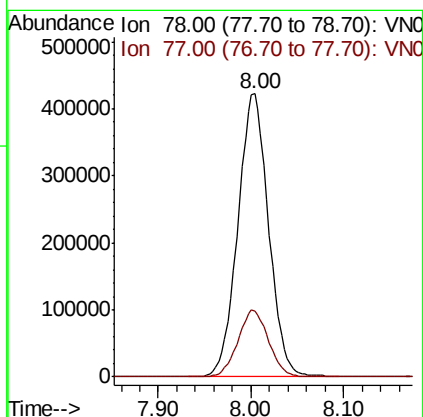
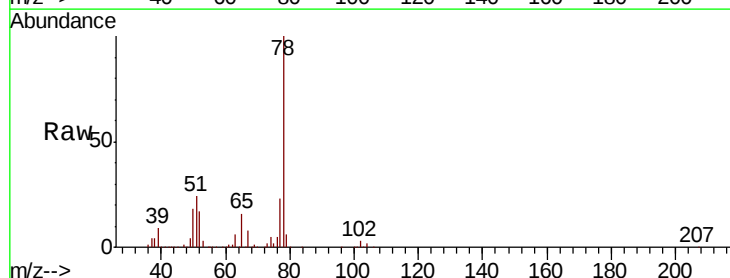
Instrument :
MSVOA_N
ClientSampleId :

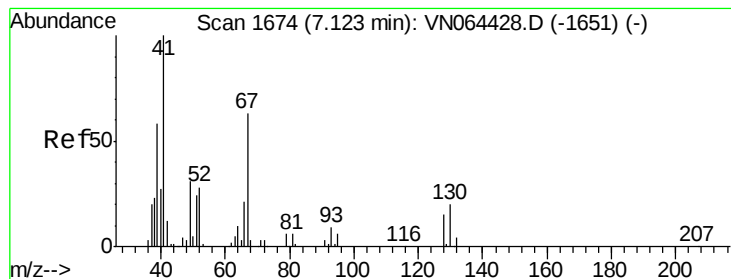
Tot Ion: 83 Resp: 305808
Ion Ratio Lower Upper
83 100
55 79.7 63.8 95.6
98 44.3 35.4 53.2



#40
Benzene
Concen: 57.025 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion: 78 Resp: 970409
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1





#41

Methacrylonitrile

Concen: 45.113 ug/l

RT: 7.12 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 133158

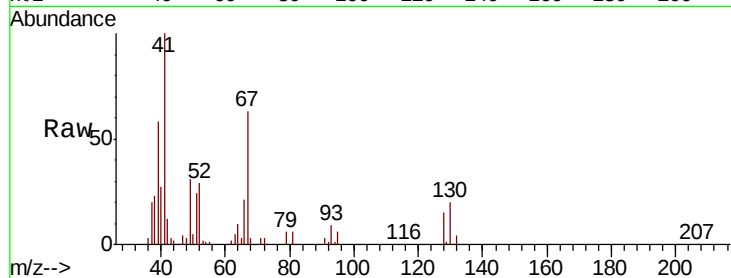
Ion Ratio Lower Upper

41 100

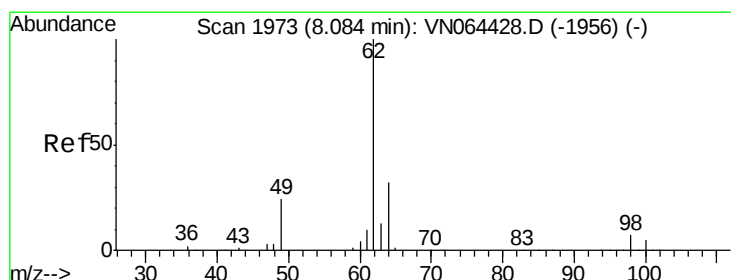
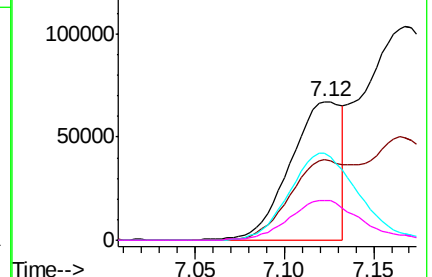
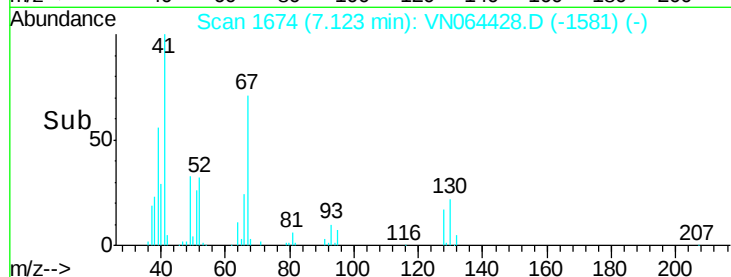
39 62.5 50.0 75.0

67 85.4 68.3 102.5

52 40.9 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: 54.769 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VN064428.D

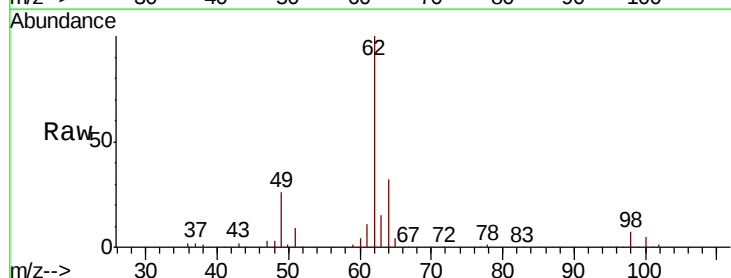
Acq: 4 Nov 2020 11:00

Tgt Ion: 62 Resp: 396829

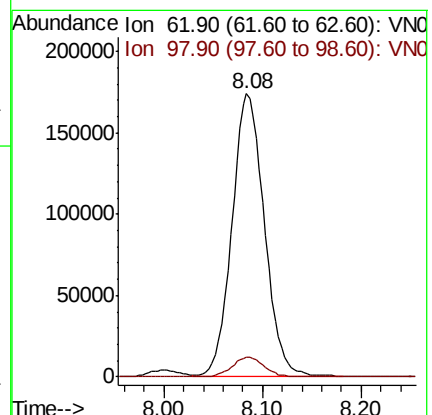
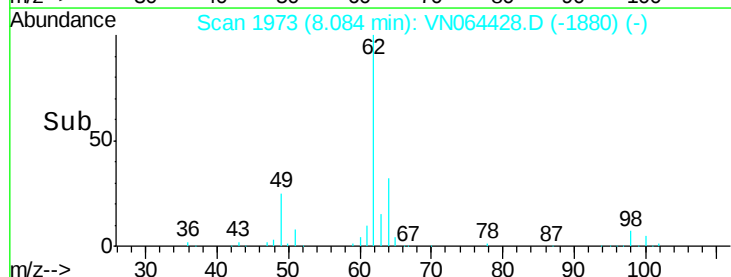
Ion Ratio Lower Upper

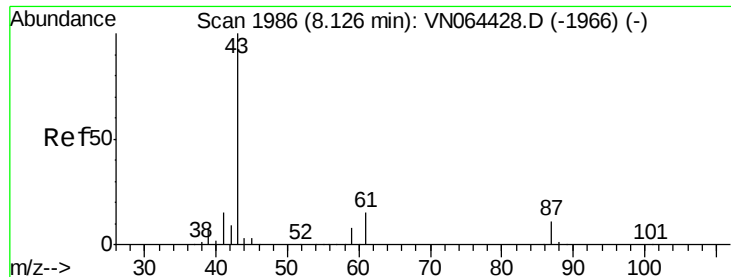
62 100

98 7.0 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: 53.701 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

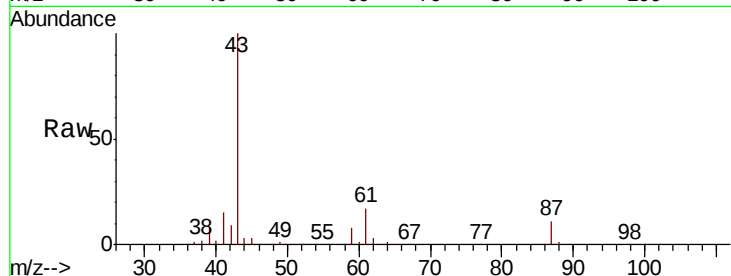
Tot Ion: 43 Resp: 555241

Ion Ratio Lower Upper

43 100

61 17.5 14.0 21.0

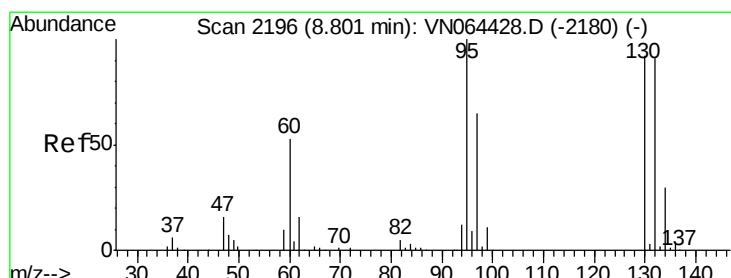
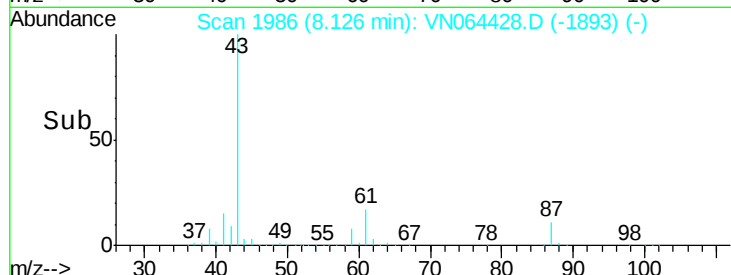
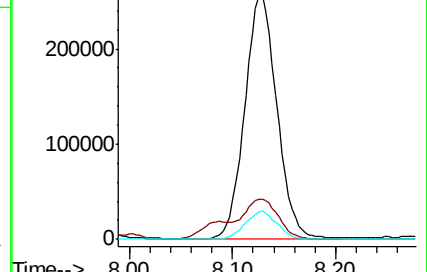
87 11.4 9.1 13.7



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: 55.748 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064428.D

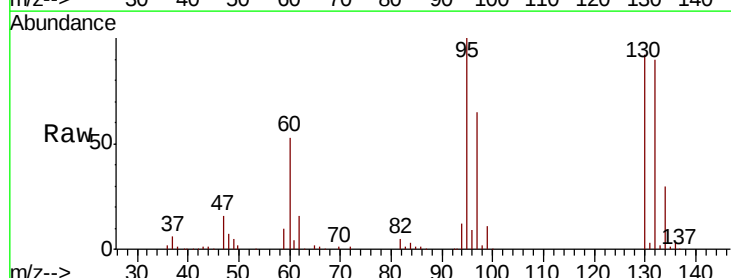
Acq: 4 Nov 2020 11:00

Tgt Ion:130 Resp: 244904

Ion Ratio Lower Upper

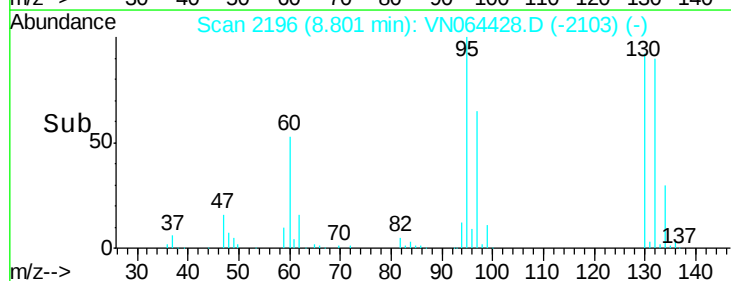
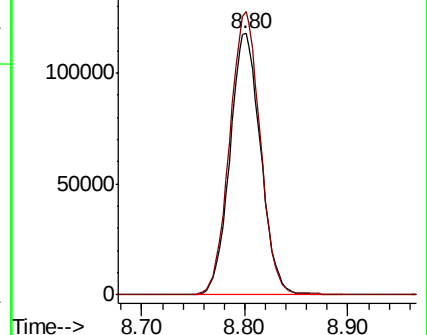
130 100

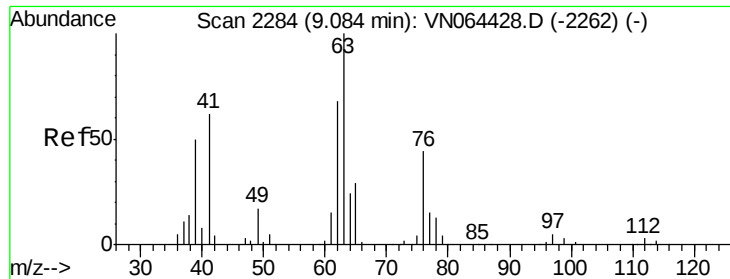
95 108.4 0.0 216.8



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: 57.889 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

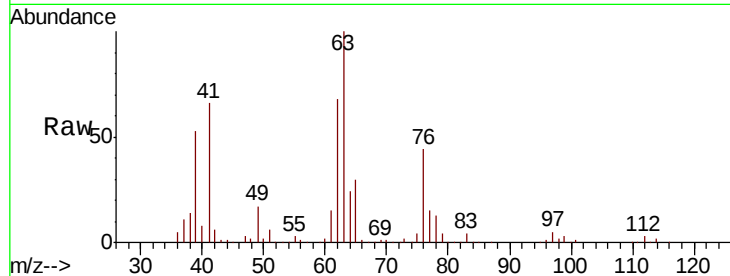
ClientSampleId :

Tot Ion: 63 Resp: 264228

Ion Ratio Lower Upper

63 100

65 29.5 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VN064428.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN064428.D (-2262) (-)

9.08

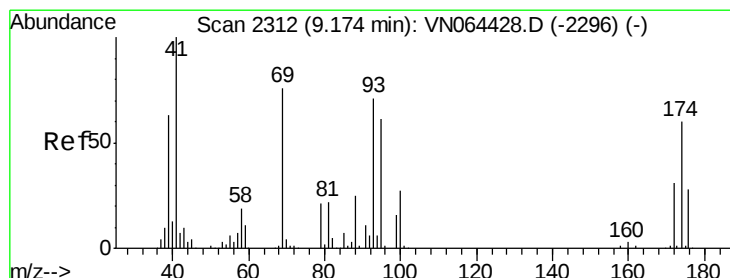
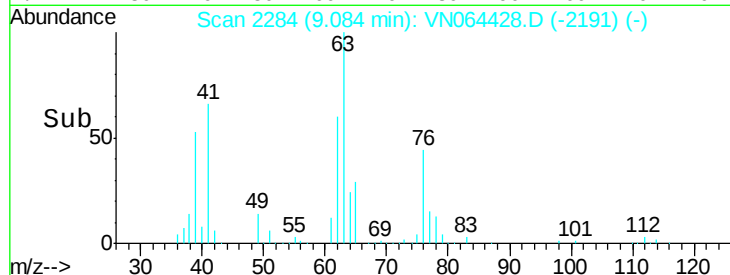
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 54.861 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

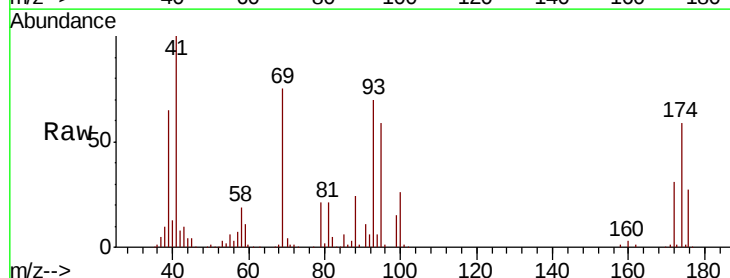
Tgt Ion: 93 Resp: 171895

Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

174 84.0 67.2 100.8



Abundance Ion 92.80 (92.50 to 93.50): VN064428.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN064428.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN064428.D (-2296) (-)

9.17

100000

80000

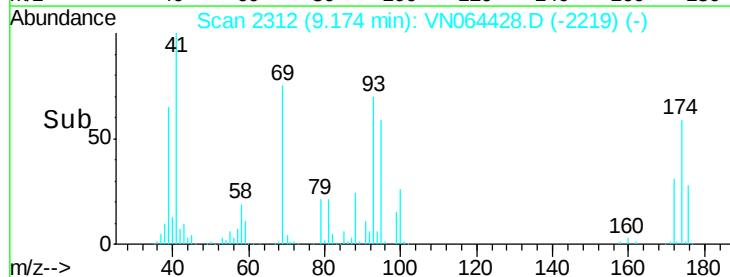
60000

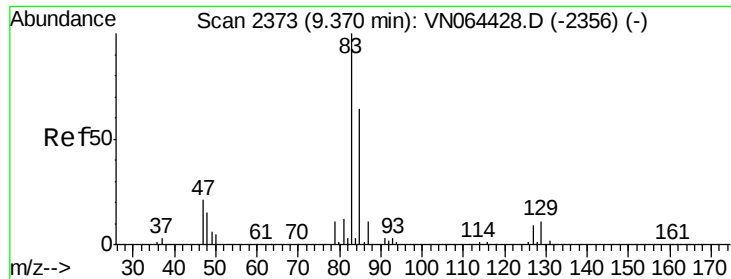
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 53.354 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

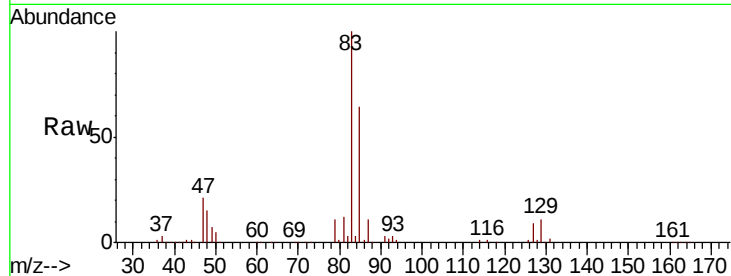
Tot Ion: 83 Resp: 371214

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

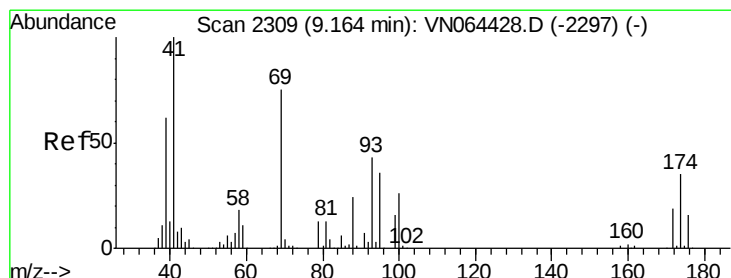
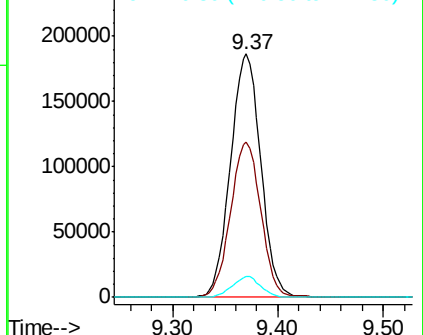
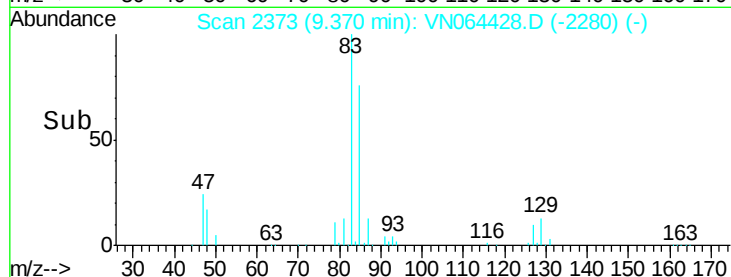
127 8.6 6.9 10.3



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

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

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



#48

Methyl methacrylate

Concen: 52.450 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

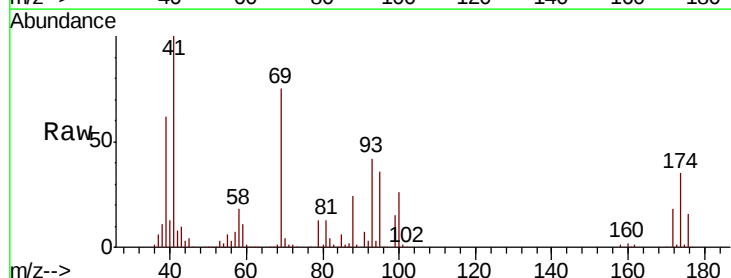
Tgt Ion: 41 Resp: 280123

Ion Ratio Lower Upper

41 100

69 75.5 60.4 90.6

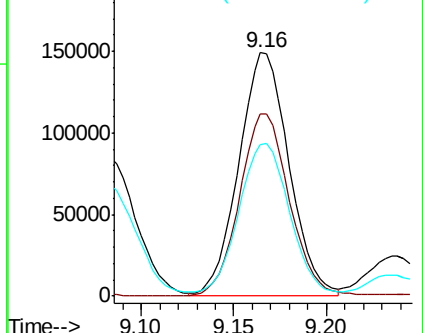
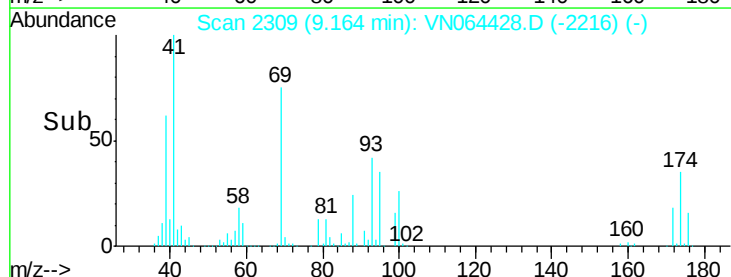
39 64.0 51.2 76.8

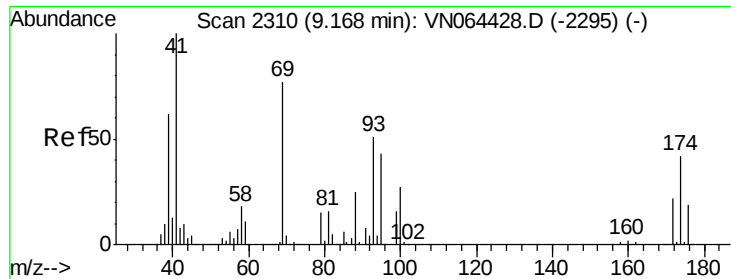


Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-2297) (-)

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

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

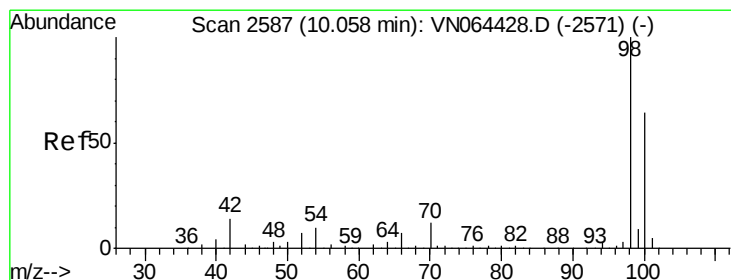
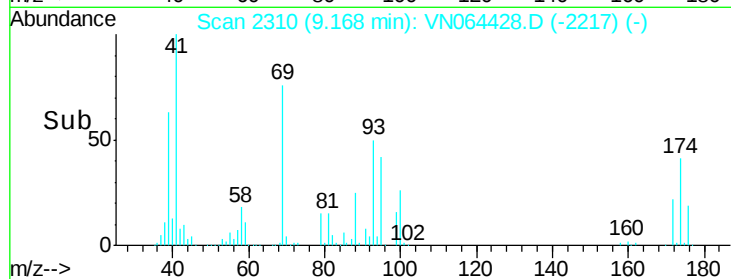
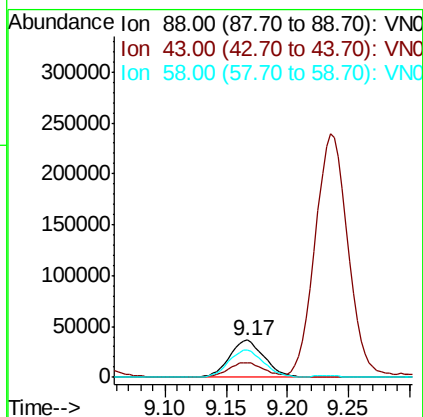
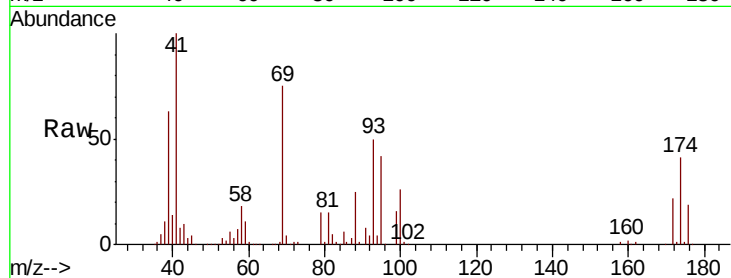




#49
1,4-Dioxane
Concen: 951.982 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

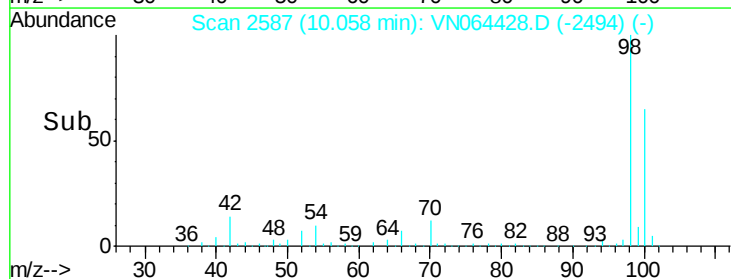
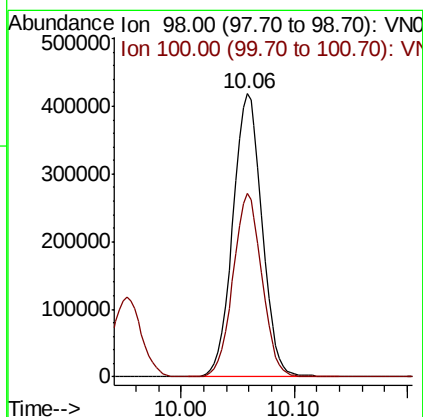
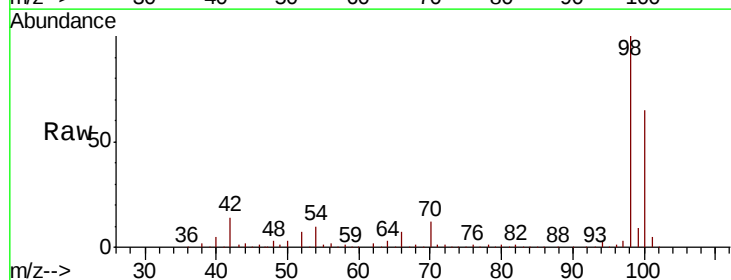
Instrument :
MSVOA_N
ClientSampleId :

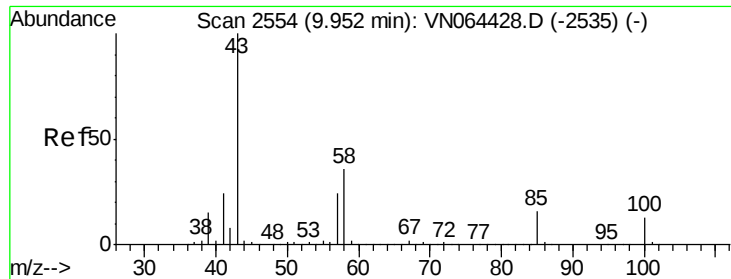
Tot Ion: 88 Resp: 73256
Ion Ratio Lower Upper
88 100
43 38.8 31.0 46.6
58 73.0 58.4 87.6



#50
Toluene-d8
Concen: 50.894 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion: 98 Resp: 750955
Ion Ratio Lower Upper
98 100
100 63.4 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 277.476 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

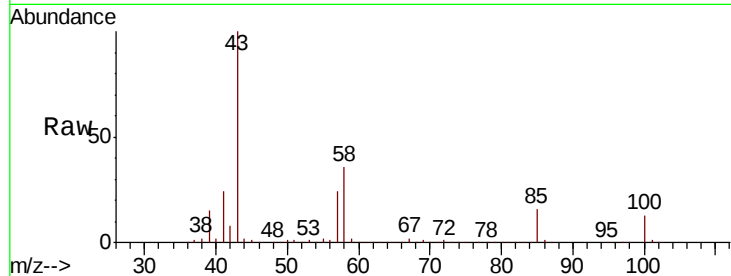
ClientSampleId :

Tot Ion: 43 Resp: 1676966

Ion Ratio Lower Upper

43 100

58 35.5 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

800000

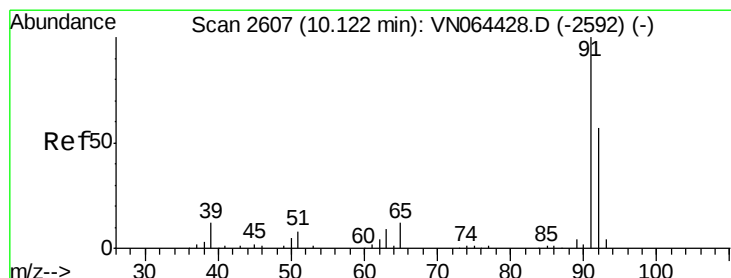
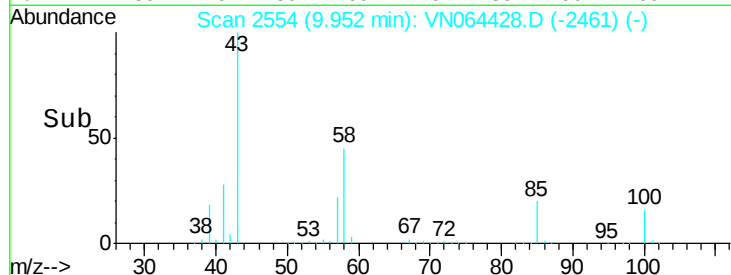
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 57.193 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN064428.D

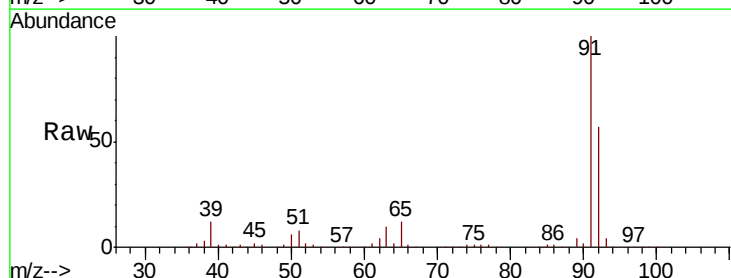
Acq: 4 Nov 2020 11:00

Tgt Ion: 92 Resp: 613110

Ion Ratio Lower Upper

92 100

91 174.5 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.12

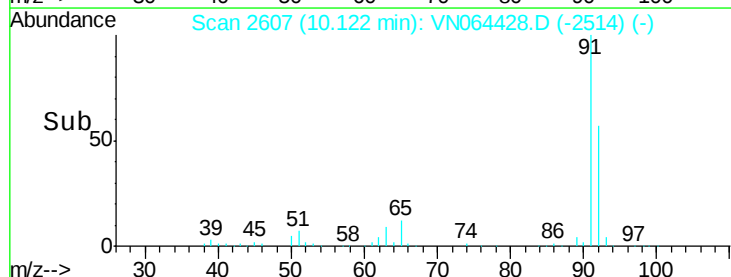
600000

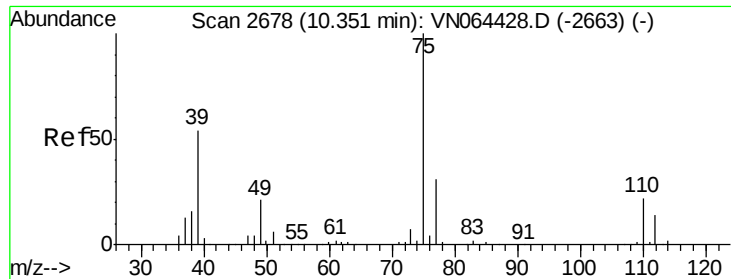
400000

200000

0

Time-->

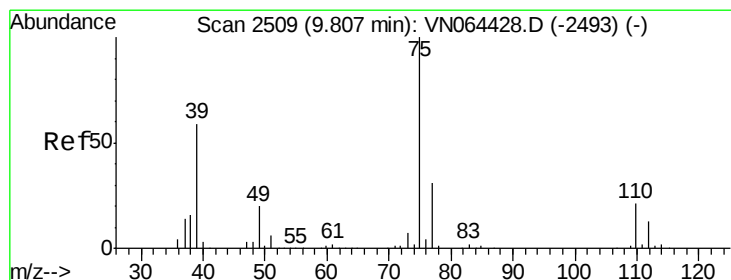
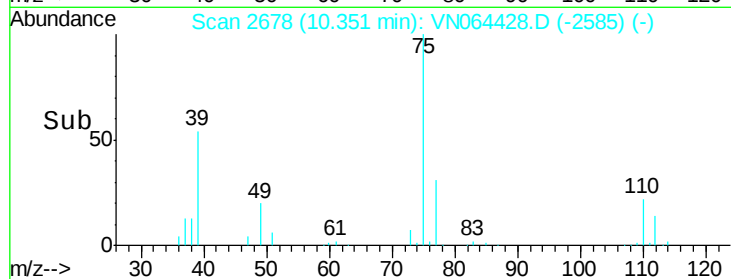
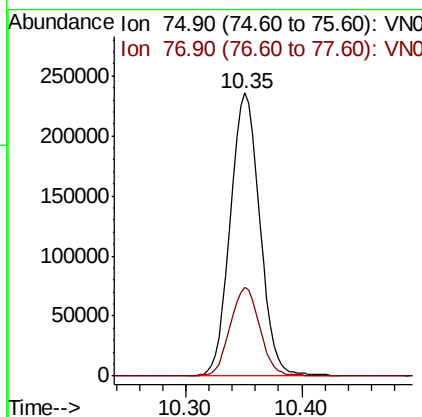
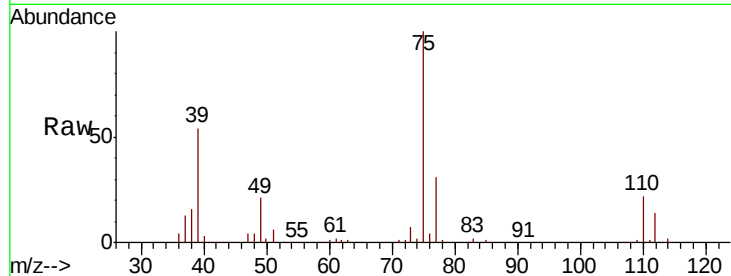




#53
 t-1,3-Dichloropropene
 Concen: 55.988 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

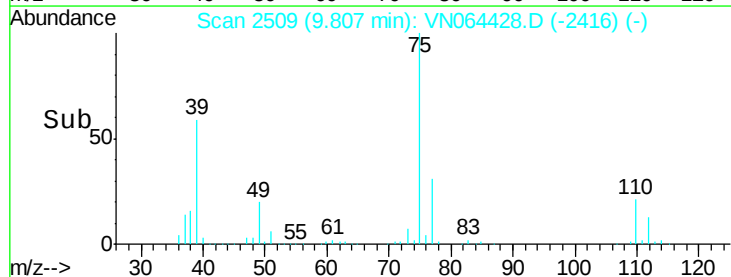
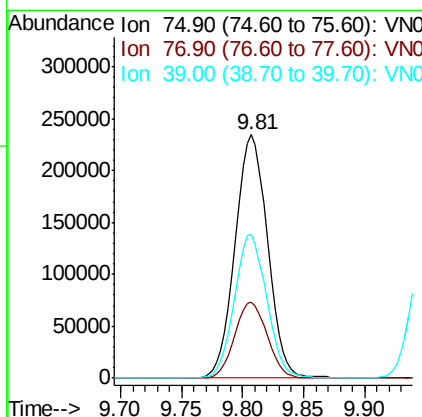
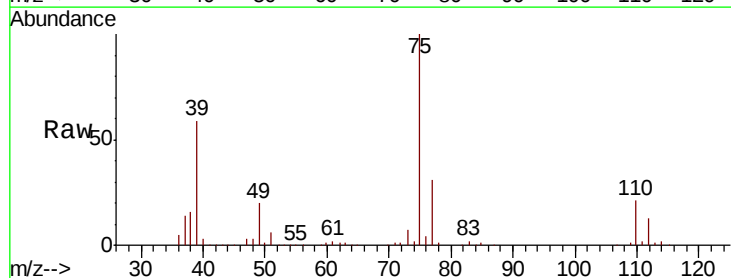
Instrument :
 MSVOA_N
 ClientSampled :

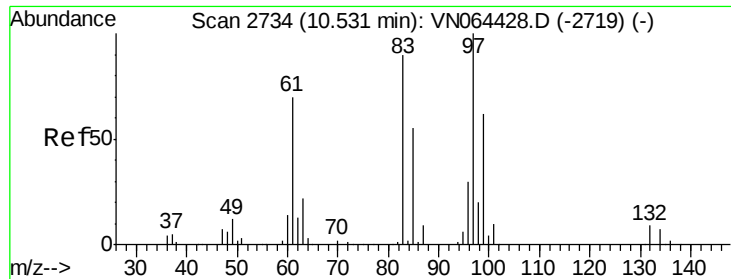
Tot Ion: 75 Resp: 414214
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 56.879 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion: 75 Resp: 432844
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3
 39 58.9 47.1 70.7

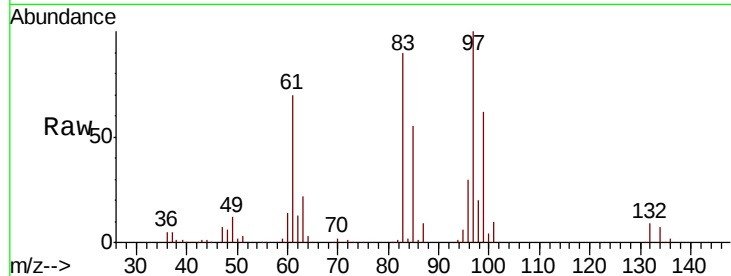




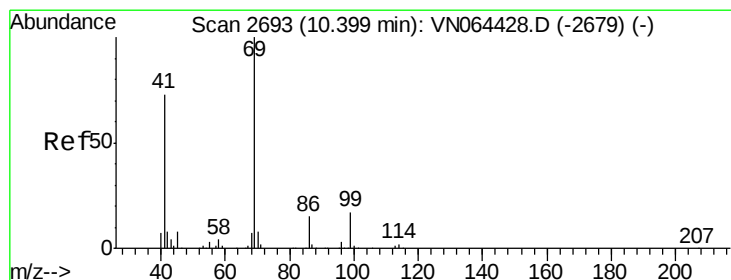
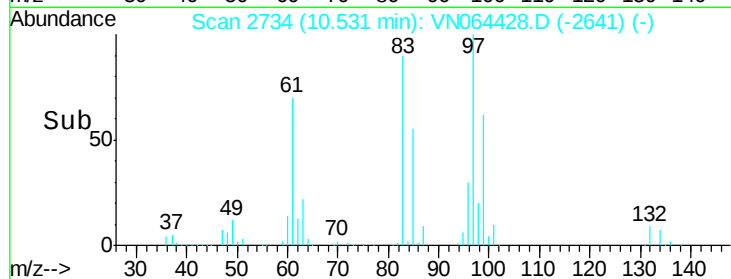
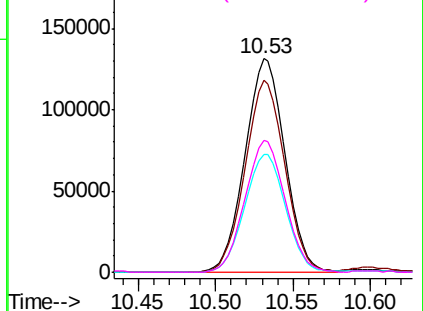
#55
 1,1,2-Trichloroethane
 Concen: 56.130 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 236319
 Ion Ratio Lower Upper
 97 100
 83 89.6 71.7 107.5
 85 55.4 44.3 66.5
 99 61.8 49.4 74.2

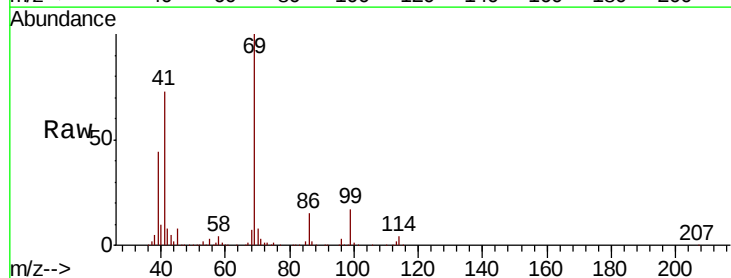


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

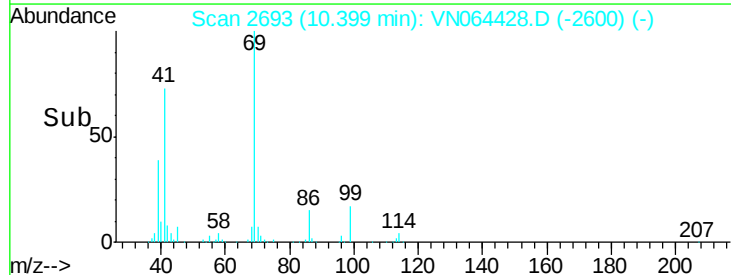
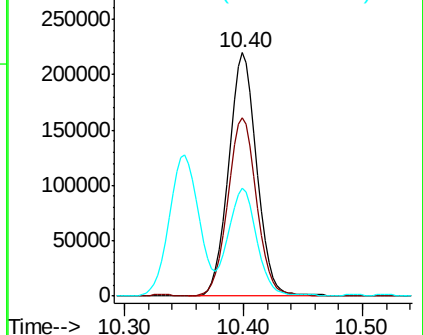


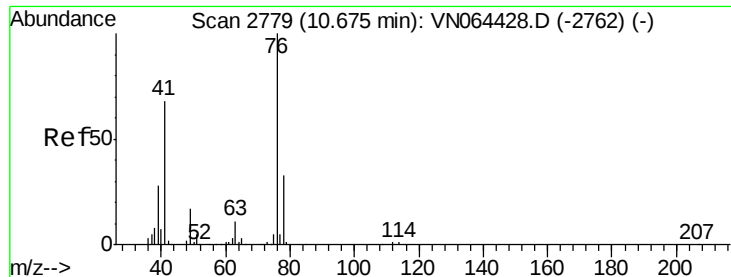
#56
 Ethyl methacrylate
 Concen: 56.672 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion: 69 Resp: 359663
 Ion Ratio Lower Upper
 69 100
 41 74.1 59.3 88.9
 39 44.2 35.4 53.0



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 57.411 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

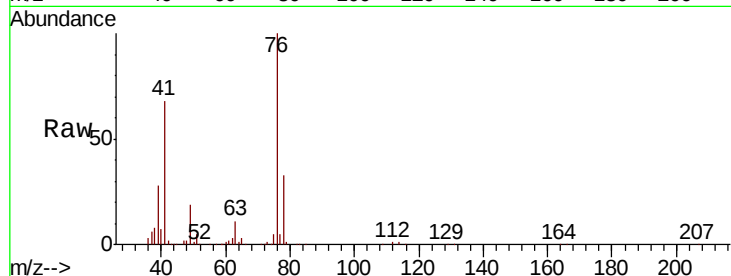
ClientSampled :

Tot Ion: 76 Resp: 412209

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



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

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

10.68

250000

200000

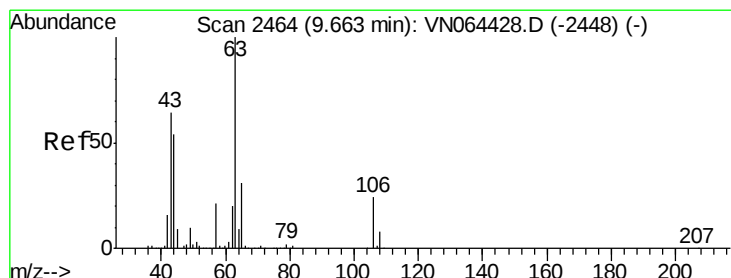
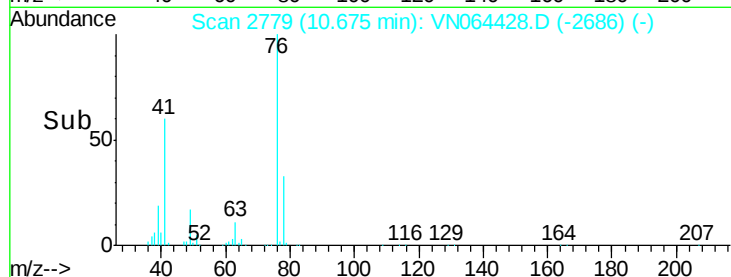
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 202.278 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064428.D

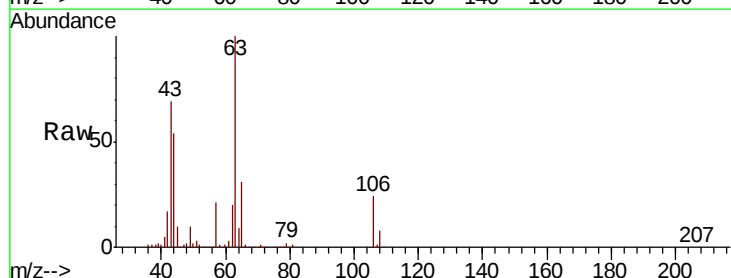
Acq: 4 Nov 2020 11:00

Tgt Ion: 63 Resp: 667900

Ion Ratio Lower Upper

63 100

106 24.4 19.5 29.3



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

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

9.66

400000

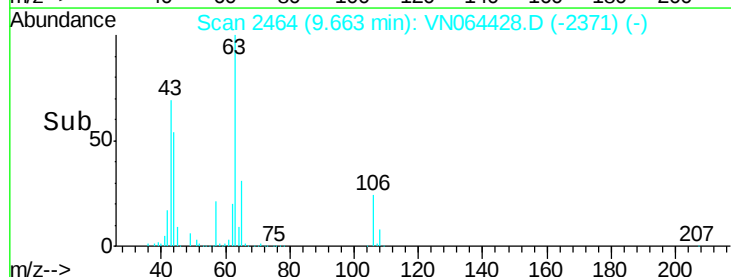
300000

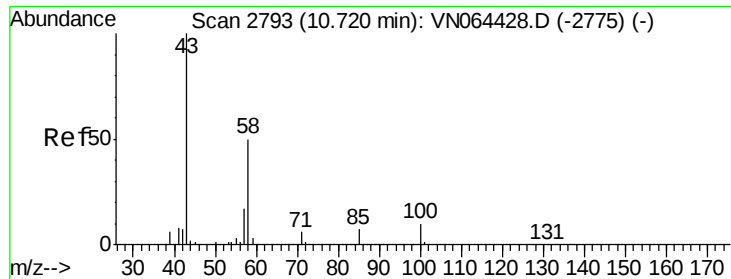
200000

100000

0

Time-->

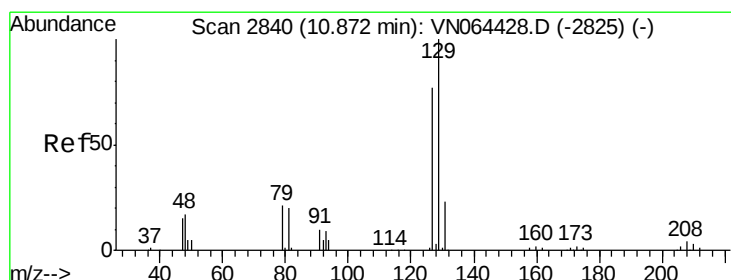
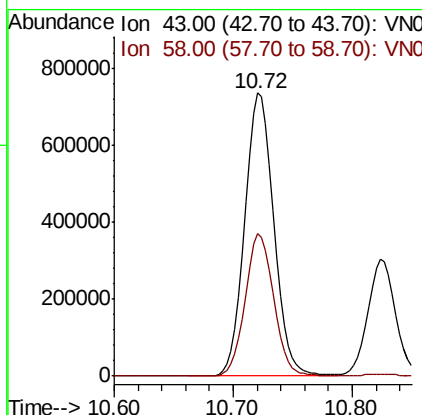
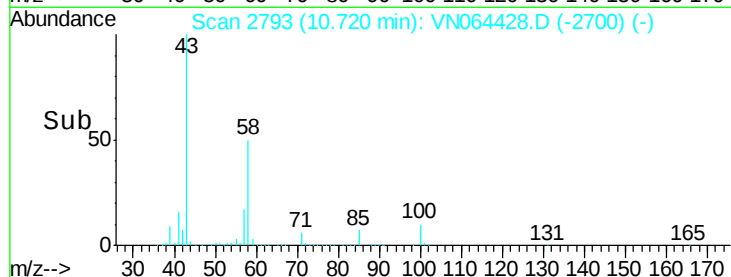
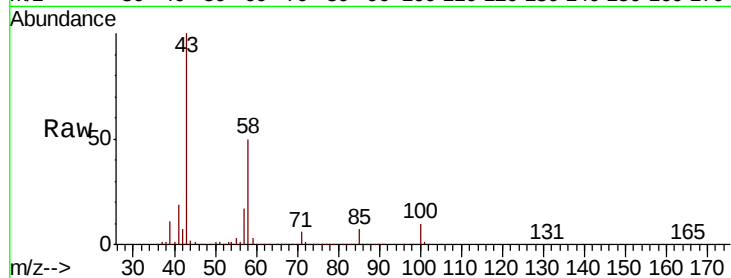




#59
2-Hexanone
Concen: 280.407 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

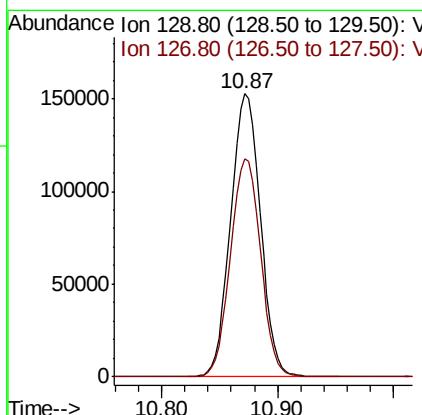
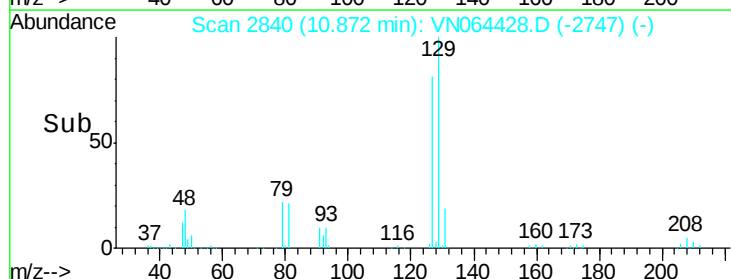
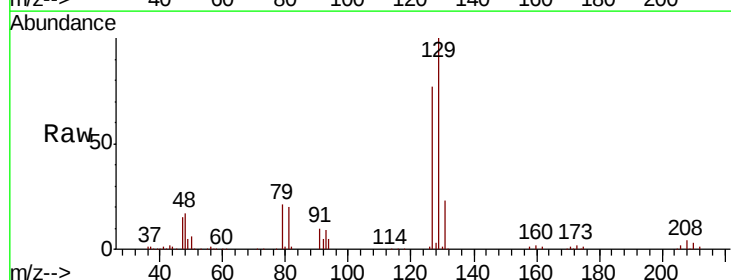
Instrument :
MSVOA_N
ClientSampled :

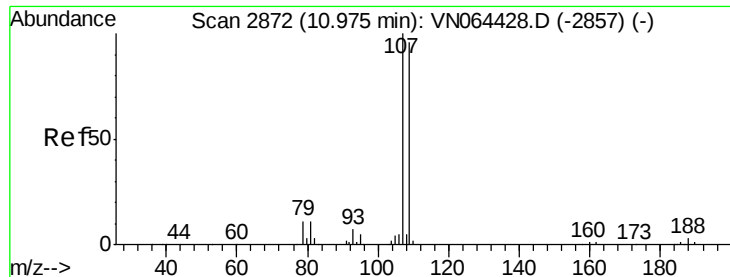
Tot Ion: 43 Resp: 1245519
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1



#60
Dibromochloromethane
Concen: 55.382 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion: 129 Resp: 271479
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7

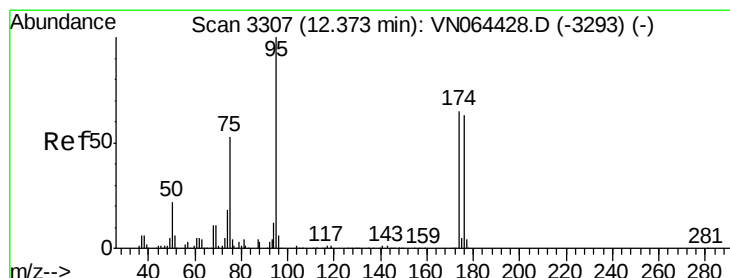
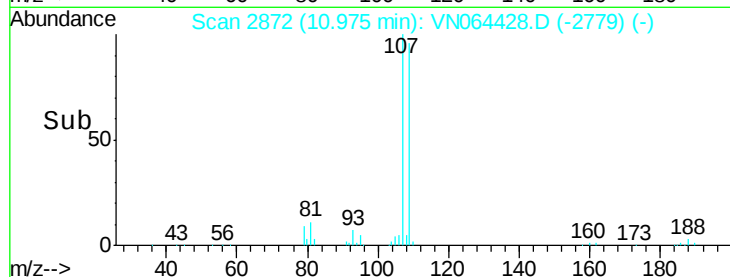
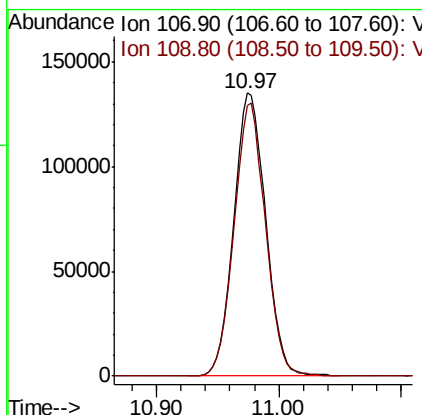
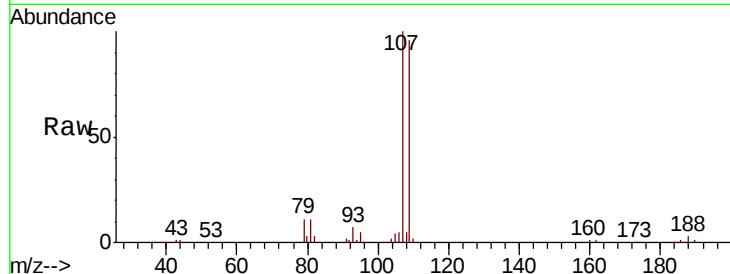




#61
 1,2-Dibromoethane
 Concen: 57.462 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

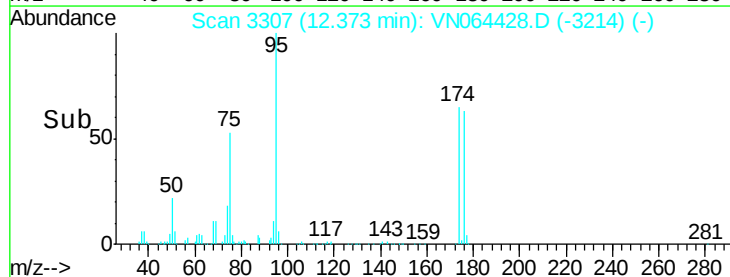
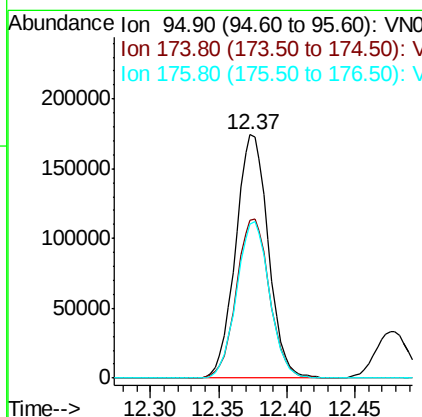
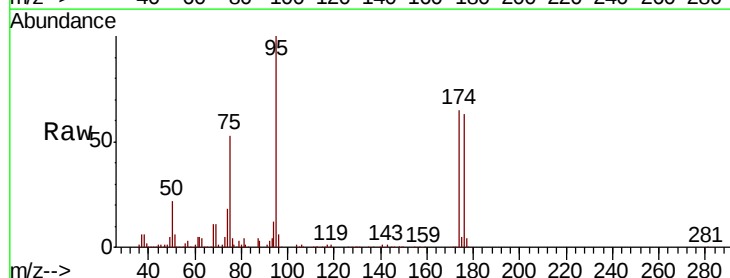
Instrument :
 MSVOA_N
 ClientSampleId :

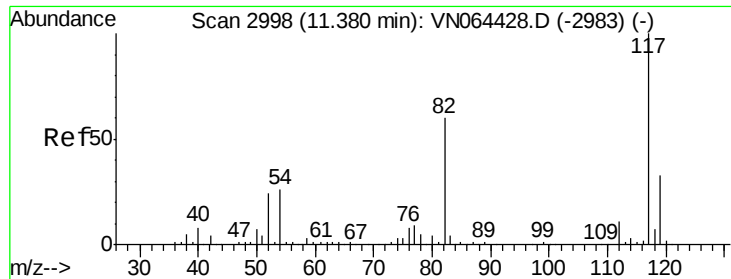
Tot Ion: 107 Resp: 244982
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.773 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion: 95 Resp: 290239
 Ion Ratio Lower Upper
 95 100
 174 66.3 0.0 132.6
 176 64.6 0.0 129.2

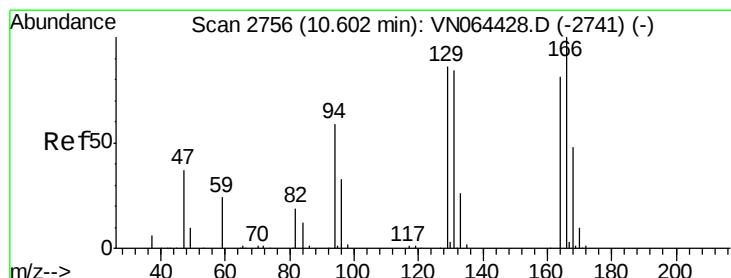
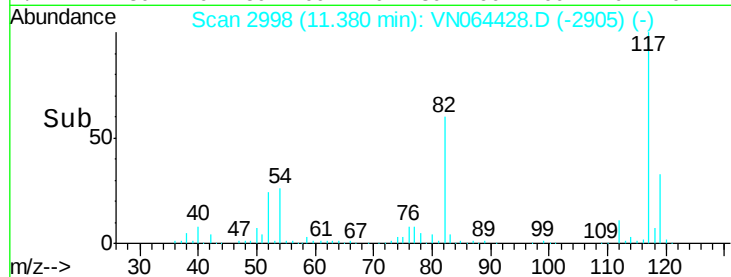
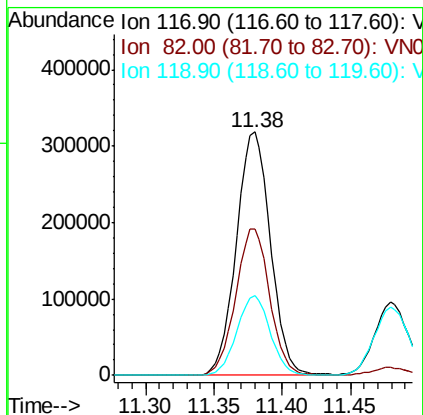
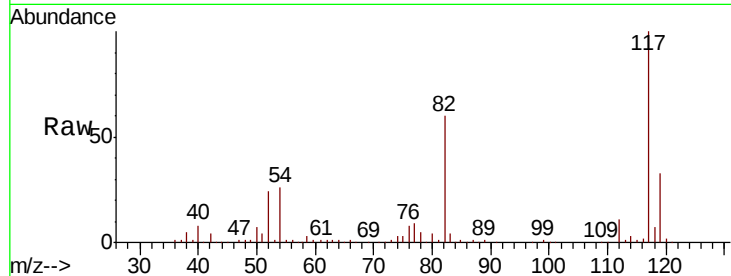




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

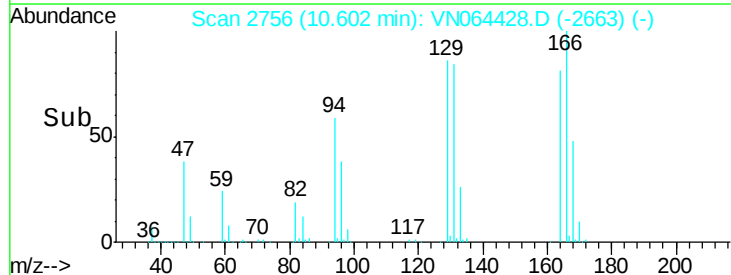
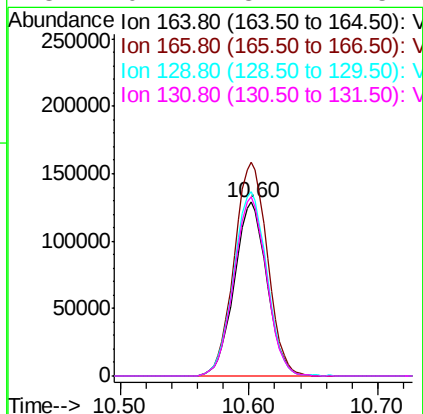
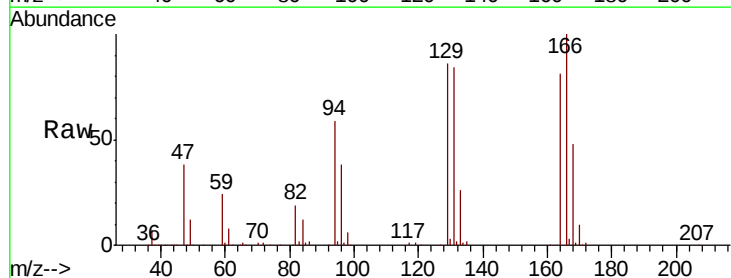
Instrument :
MSVOA_N
ClientSampled :

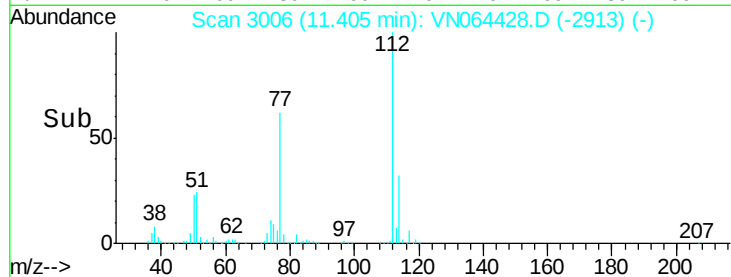
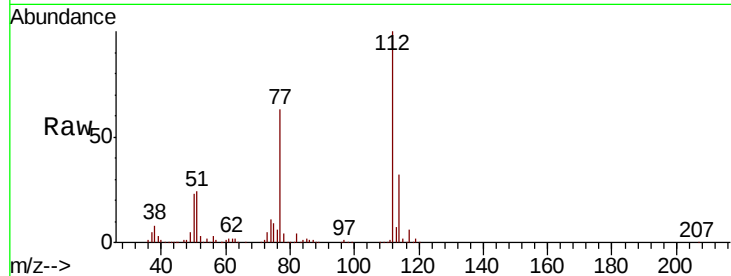
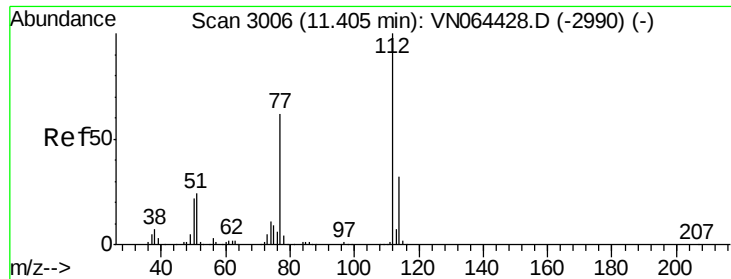
Tot Ion:117 Resp: 553815
Ion Ratio Lower Upper
117 100
82 60.1 48.1 72.1
119 32.8 26.2 39.4



#64
Tetrachloroethene
Concen: 49.808 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion:164 Resp: 226386
Ion Ratio Lower Upper
164 100
166 122.7 98.2 147.2
129 105.8 84.6 127.0
131 102.7 82.2 123.2

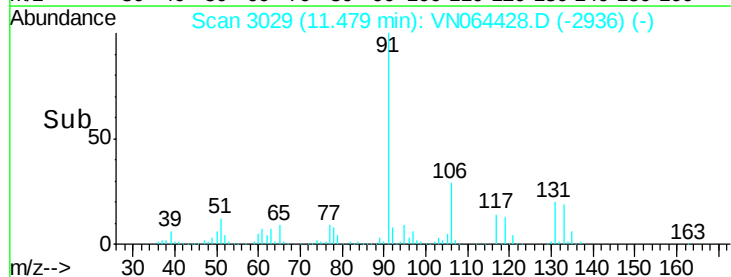
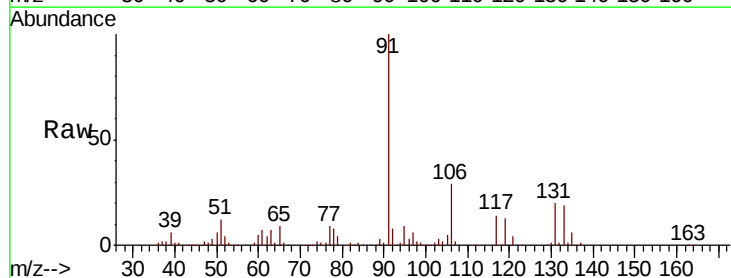
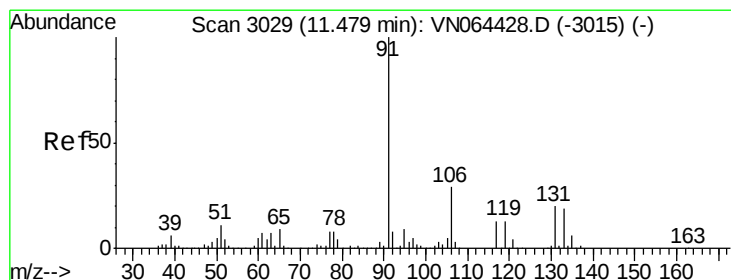
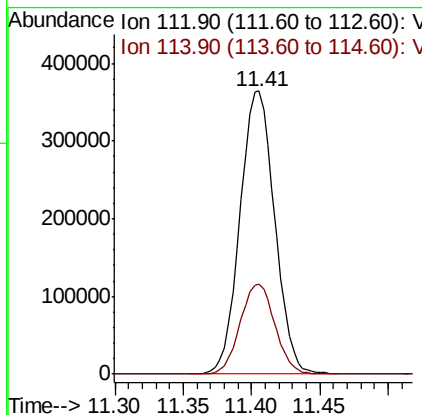




#65
Chlorobenzene
Concen: 56.194 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

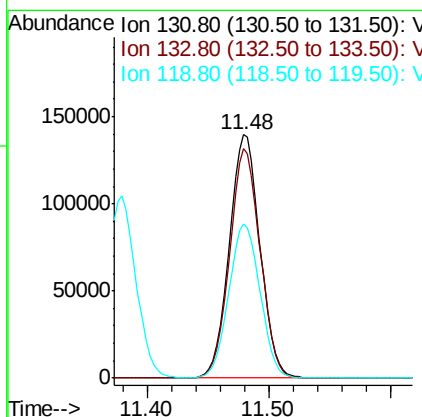
Instrument :
MSVOA_N
ClientSampled :

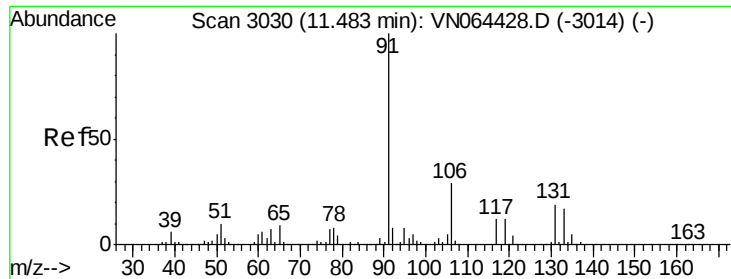
Tot Ion:112 Resp: 643709
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.310 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion:131 Resp: 244319
Ion Ratio Lower Upper
131 100
133 93.8 46.9 140.7
119 64.3 32.1 96.5

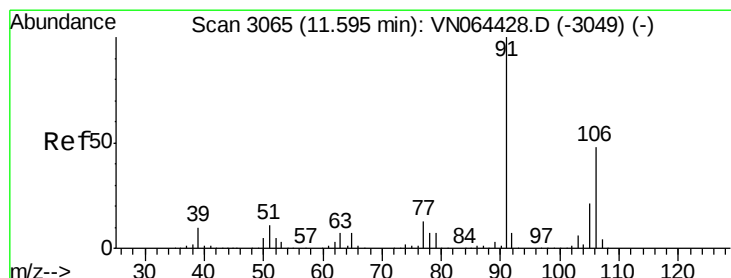
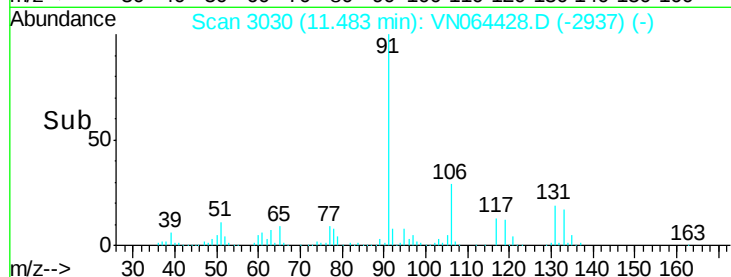
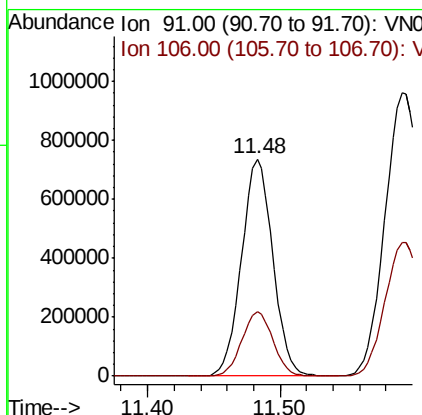
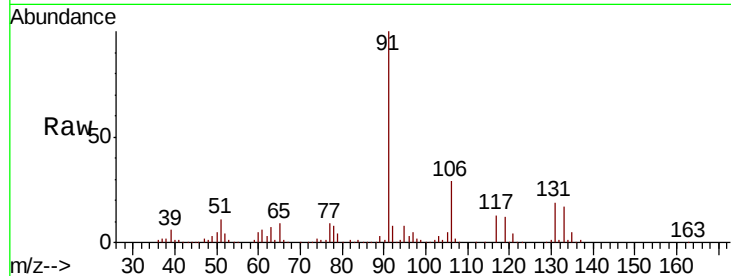




#67
Ethyl Benzene
Concen: 56.684 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

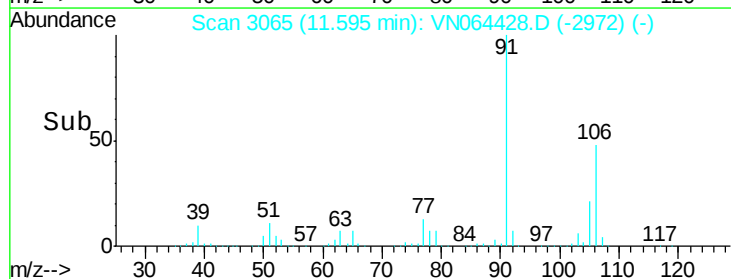
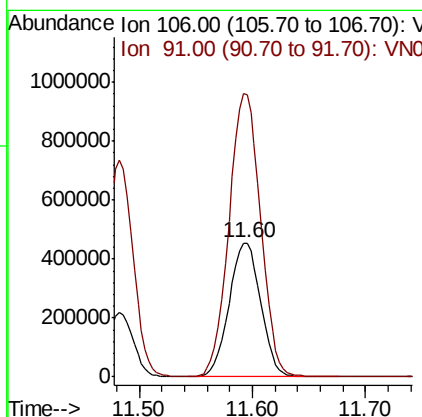
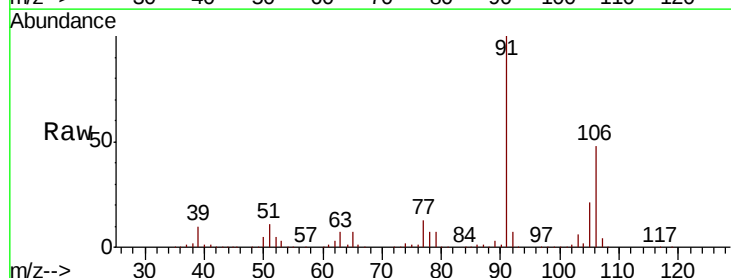
Instrument :
MSVOA_N
ClientSampled :

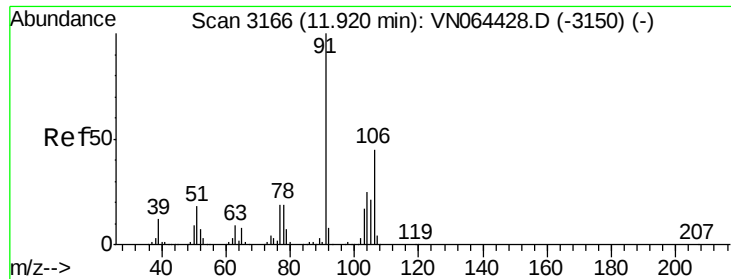
Tot Ion: 91 Resp: 1206226
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4



#68
m/p-Xylenes
Concen: 111.967 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion: 106 Resp: 881620
Ion Ratio Lower Upper
106 100
91 211.8 169.4 254.2

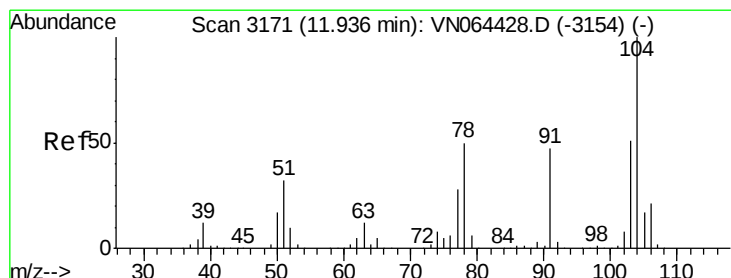
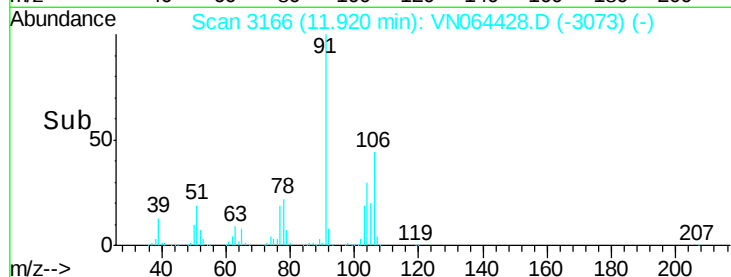
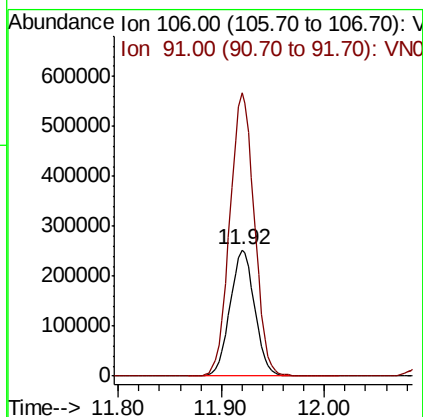
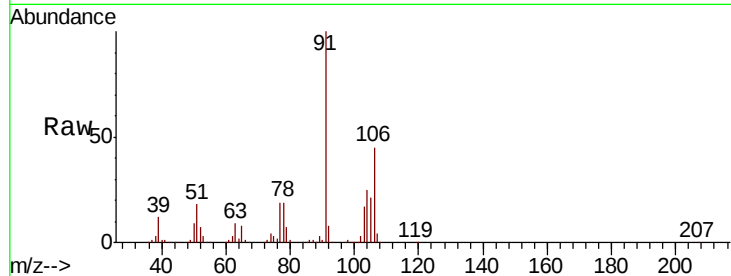




#69
o-Xylene
Concen: 55.600 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

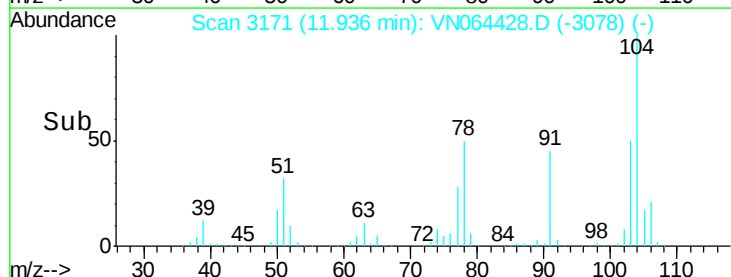
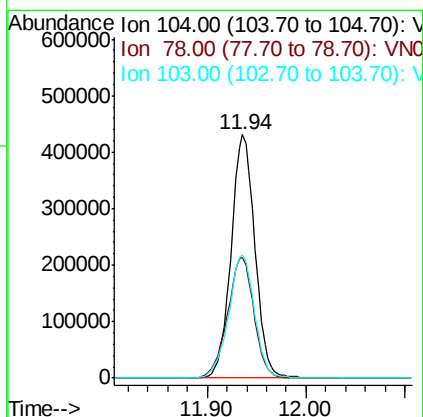
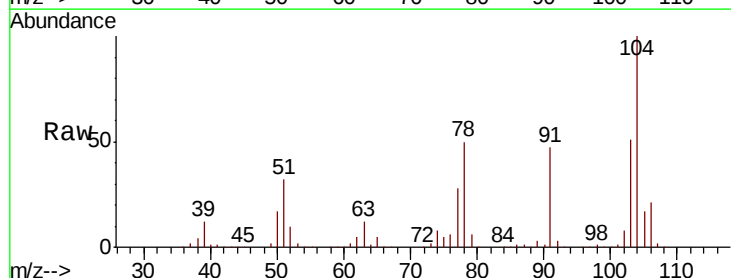
Instrument :
MSVOA_N
ClientSampled :

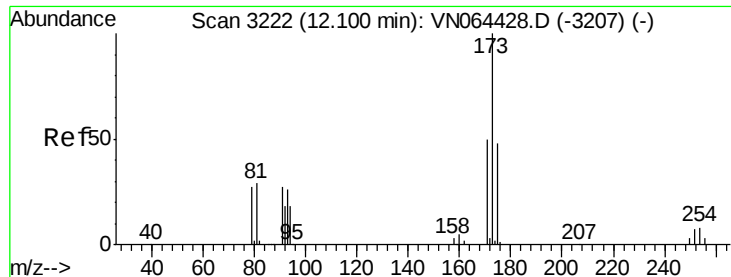
Tot Ion:106 Resp: 422232
Ion Ratio Lower Upper
106 100
91 223.3 111.7 334.9



#70
Styrene
Concen: 58.609 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion:104 Resp: 729485
Ion Ratio Lower Upper
104 100
78 55.0 44.0 66.0
103 54.7 43.8 65.6

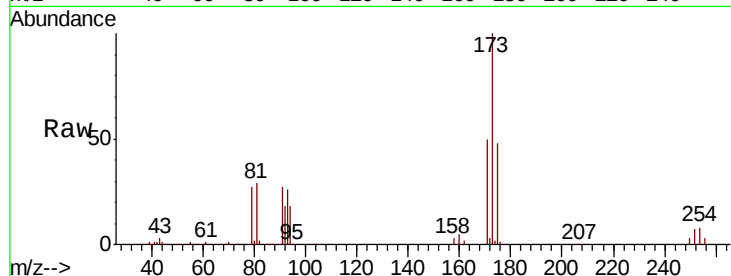




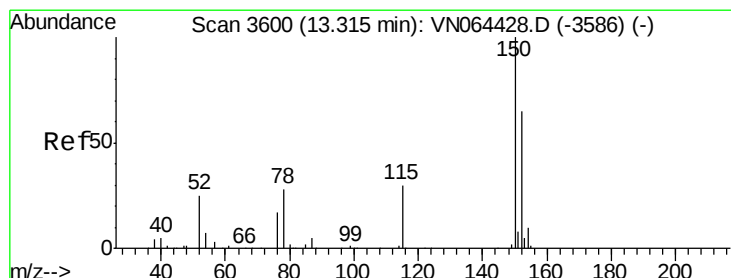
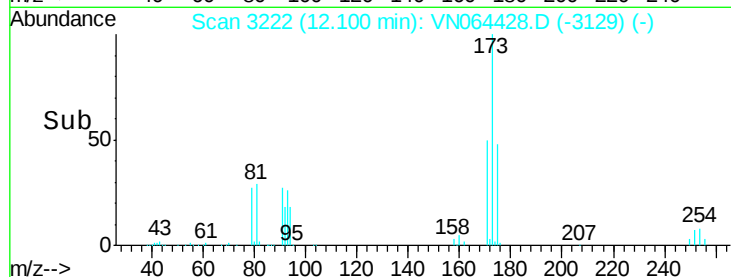
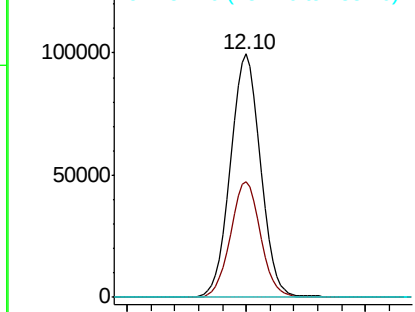
#71
Bromoform
Concen: 49.627 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 174872
Ion Ratio Lower Upper
173 100
175 47.4 23.7 71.1
254 0.0 0.0 0.0

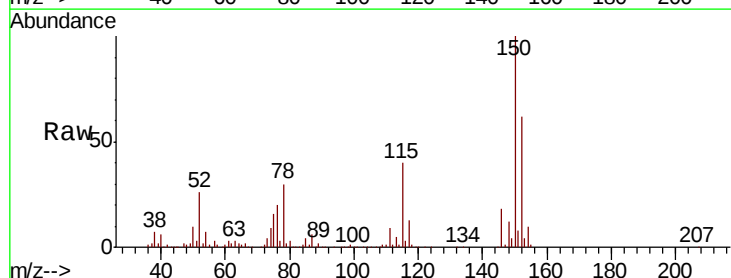


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

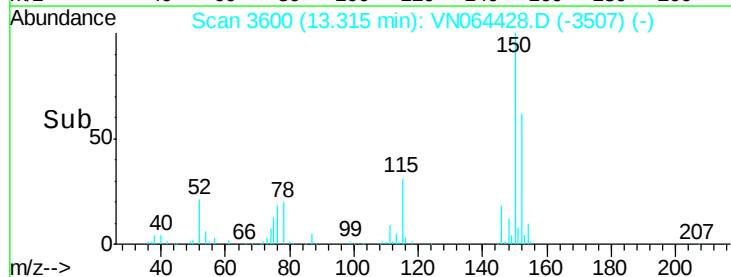
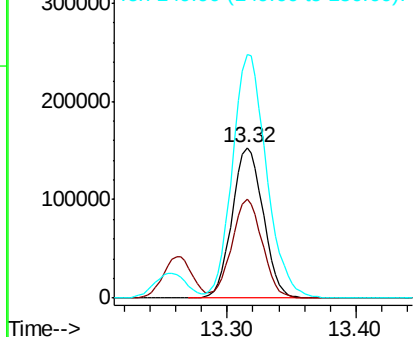


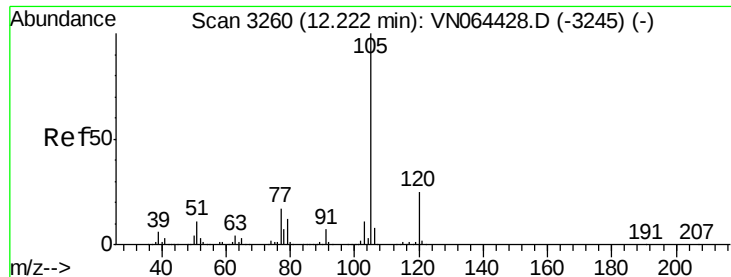
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion:152 Resp: 256506
Ion Ratio Lower Upper
152 100
115 64.0 32.0 96.0
150 176.9 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: 56.064 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

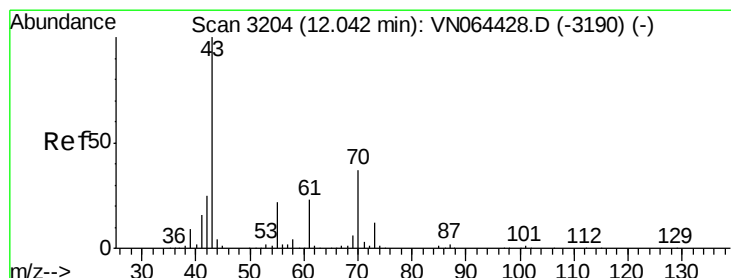
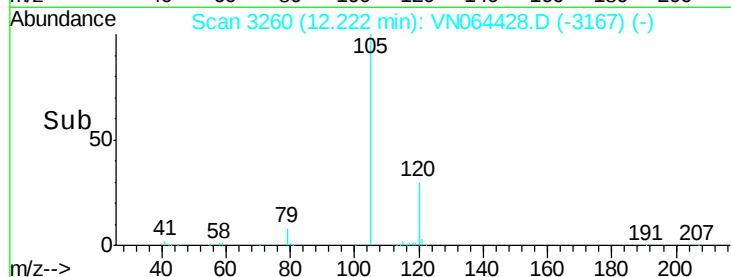
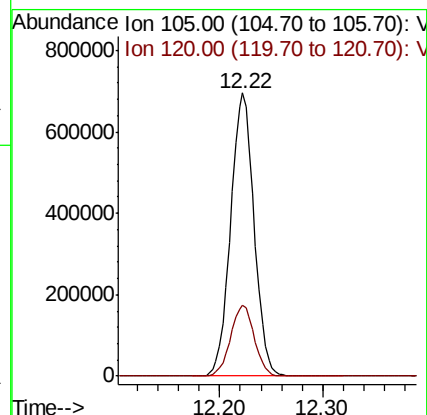
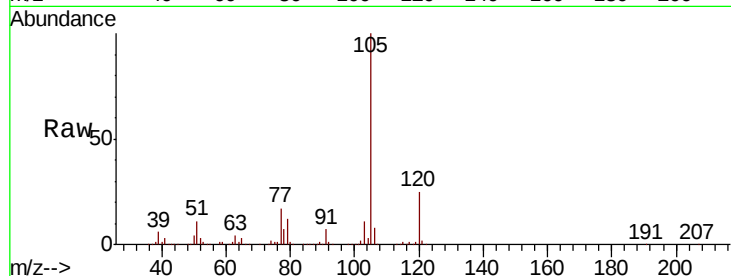
ClientSampled :

Tot Ion:105 Resp: 1100602

Ion Ratio Lower Upper

105 100

120 25.5 12.8 38.3



#74

N-ethyl acetate

Concen: 58.093 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Tgt Ion: 43 Resp: 500664

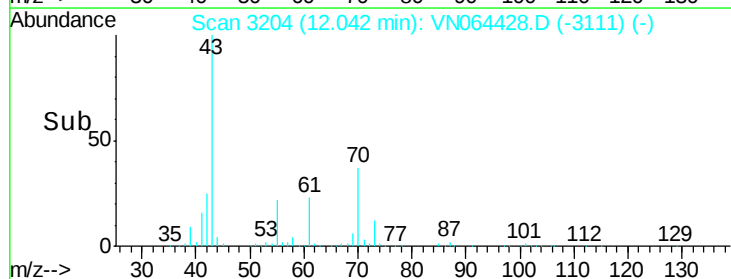
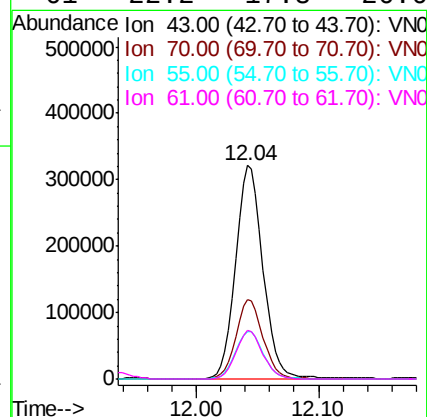
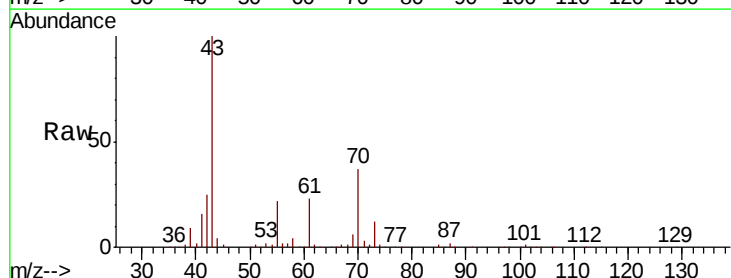
Ion Ratio Lower Upper

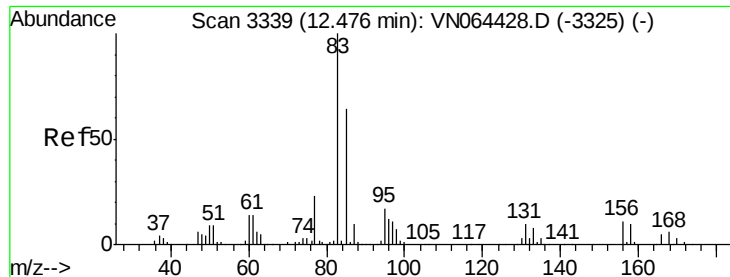
43 100

70 37.0 29.6 44.4

55 23.0 18.4 27.6

61 22.2 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 55.940 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

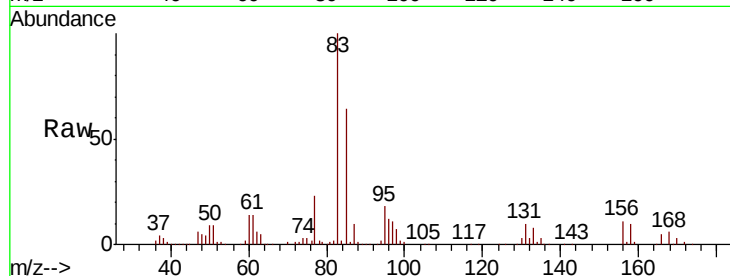
Tot Ion: 83 Resp: 320663

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 64.3 32.1 96.5



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

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

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

12.48

250000

200000

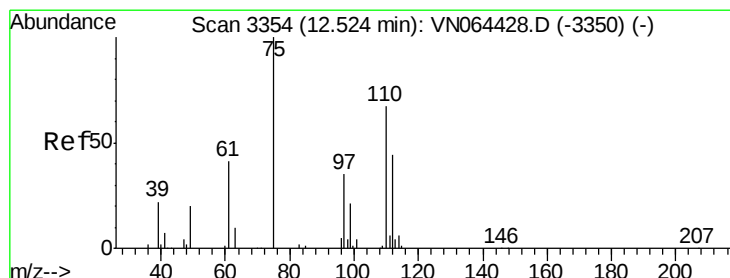
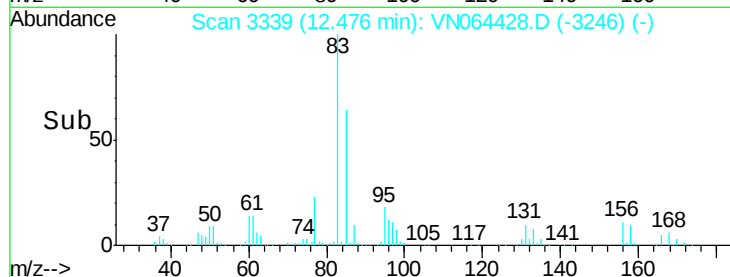
150000

100000

50000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 76.276 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN064428.D

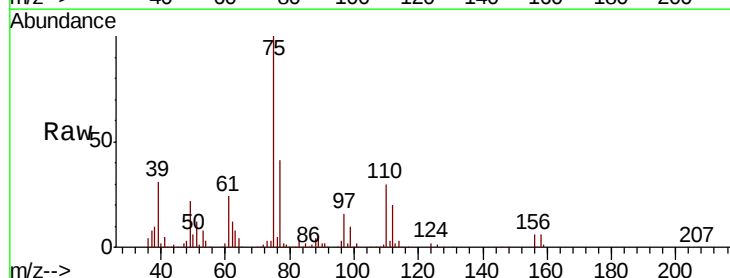
Acq: 4 Nov 2020 11:00

Tgt Ion: 75 Resp: 468997

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



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

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

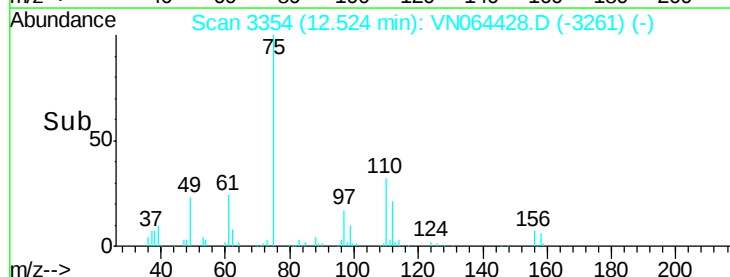
300000

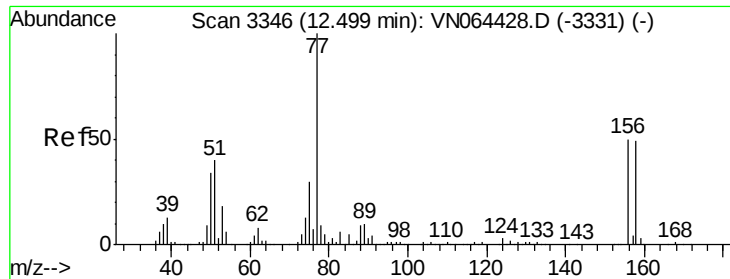
200000

100000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 54.046 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

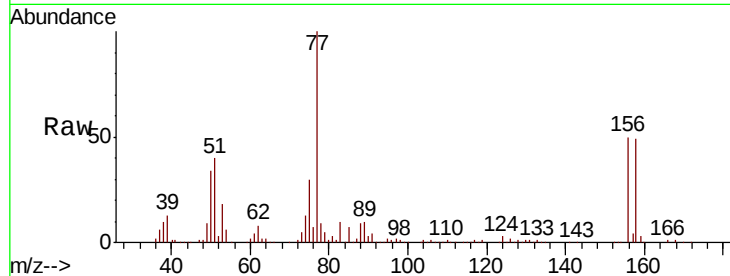
Tot Ion:156 Resp: 257518

Ion Ratio Lower Upper

156 100

77 238.0 119.0 357.0

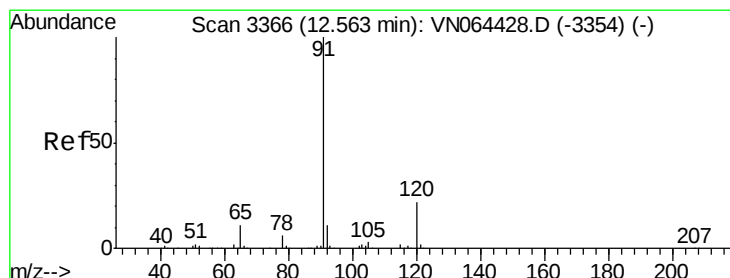
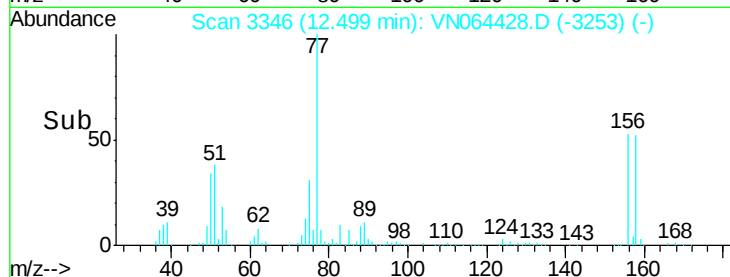
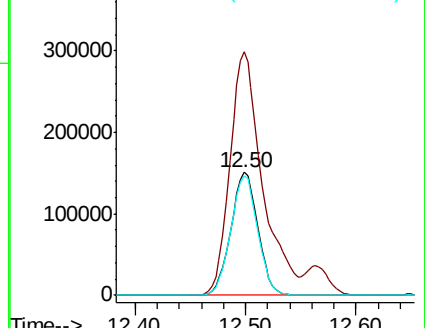
158 96.9 48.4 145.3



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: 57.262 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN064428.D

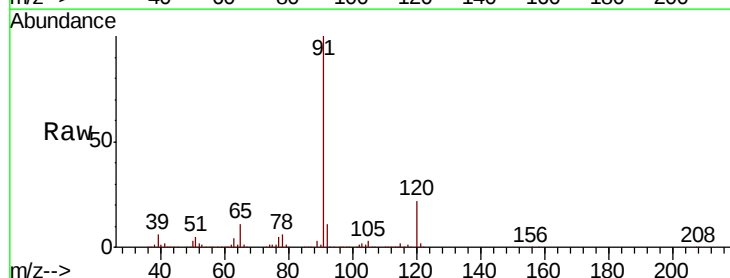
Acq: 4 Nov 2020 11:00

Tgt Ion: 91 Resp: 1272368

Ion Ratio Lower Upper

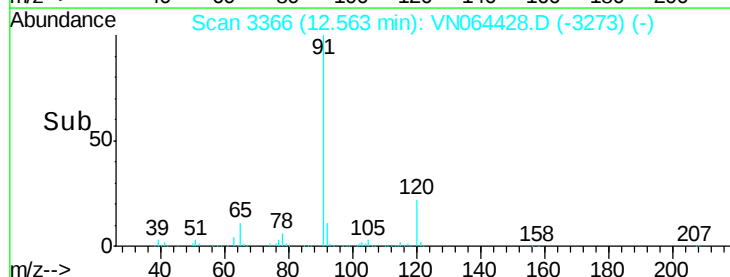
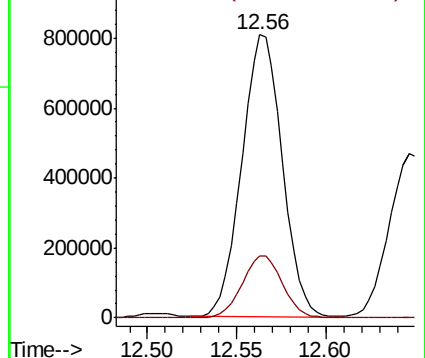
91 100

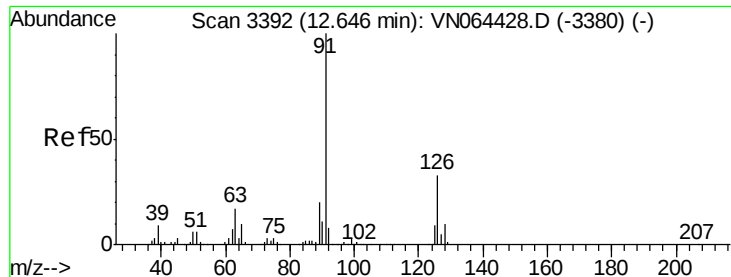
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

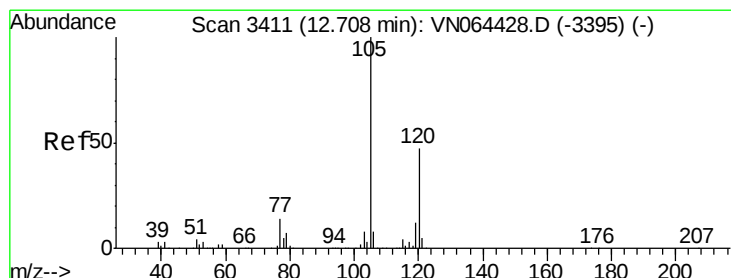
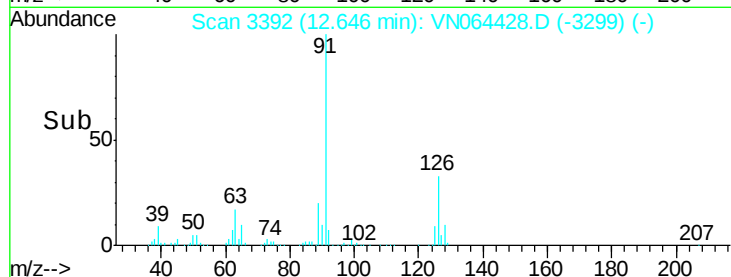
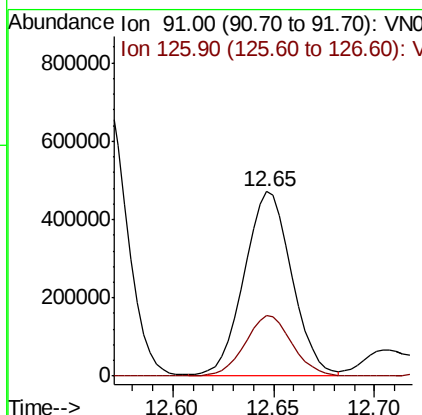
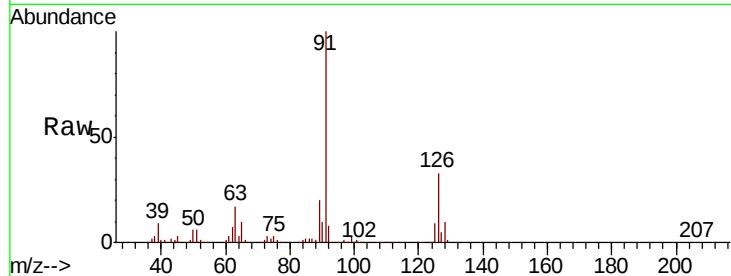




#79
 2-Chlorotoluene
 Concen: 54.405 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

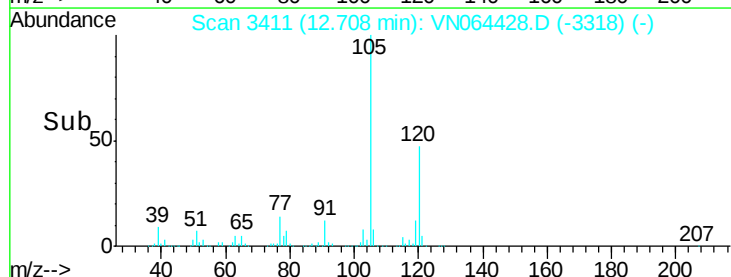
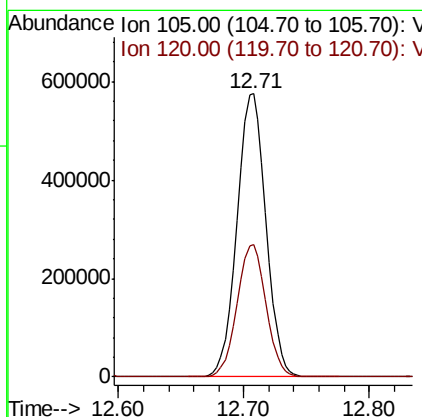
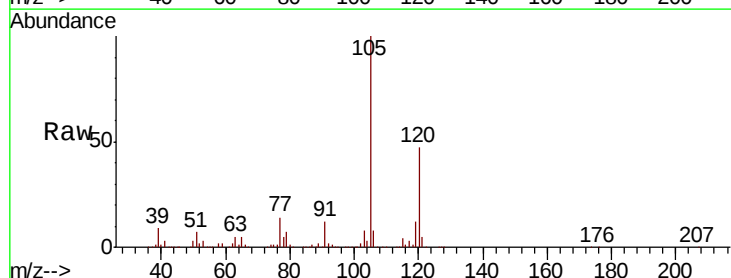
Instrument :
 MSVOA_N
 ClientSampled :

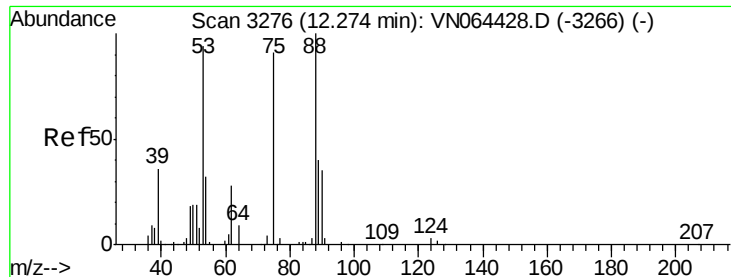
Tot Ion: 91 Resp: 769891
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 55.549 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion: 105 Resp: 918355
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 56.072 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampleId :

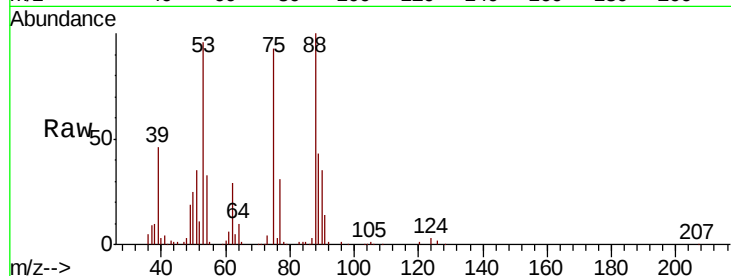
Tot Ion: 75 Resp: 121227

Ion Ratio Lower Upper

75 100

53 105.0 84.0 126.0

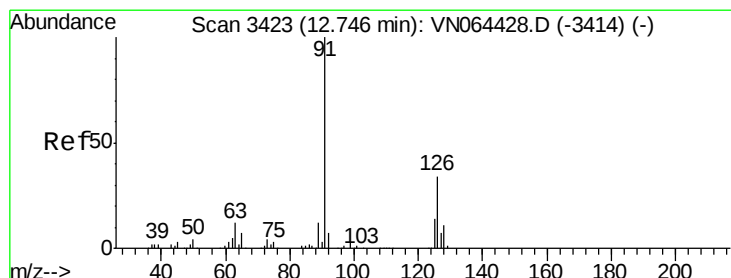
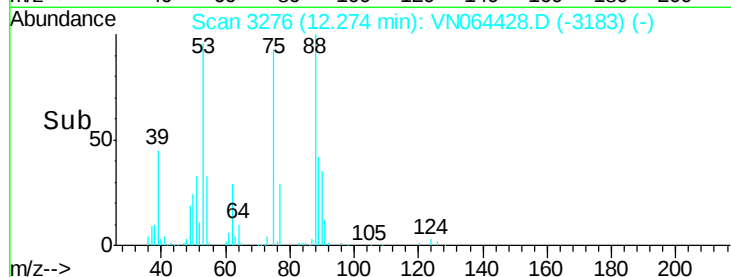
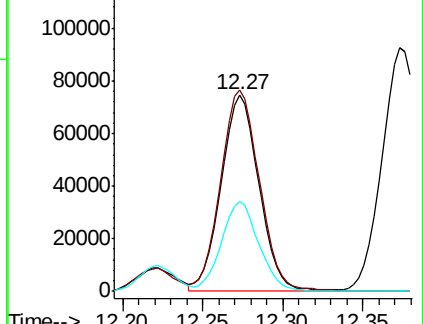
89 45.4 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN064428.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN064428.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 57.181 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064428.D

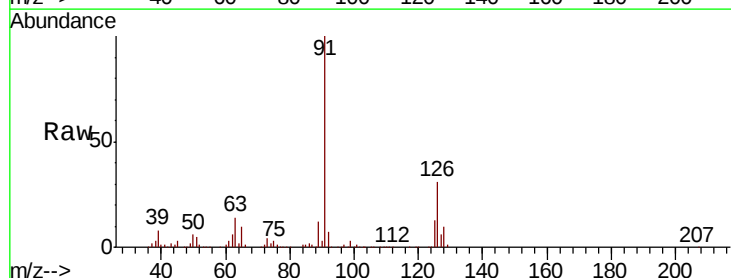
Acq: 4 Nov 2020 11:00

Tgt Ion: 91 Resp: 829519

Ion Ratio Lower Upper

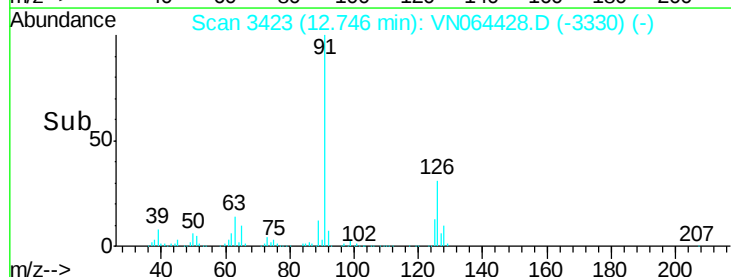
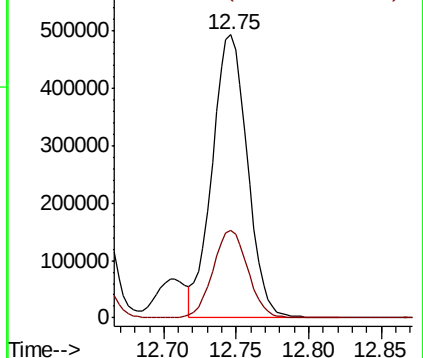
91 100

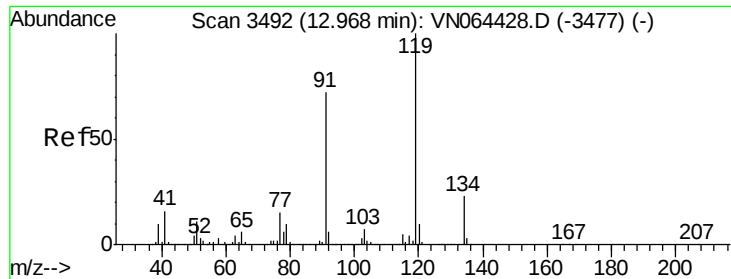
126 30.8 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3414) (-)

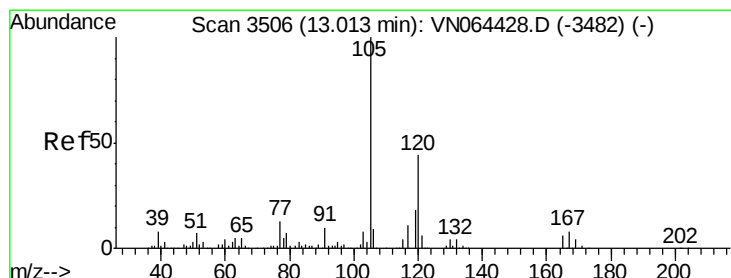
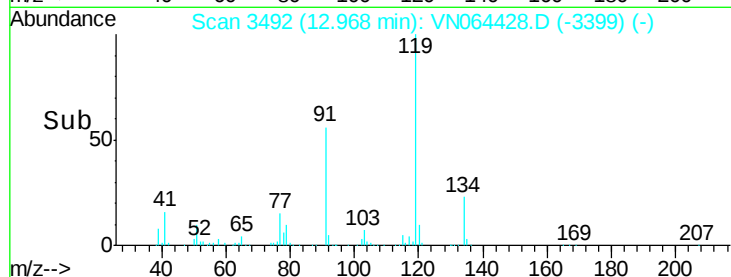
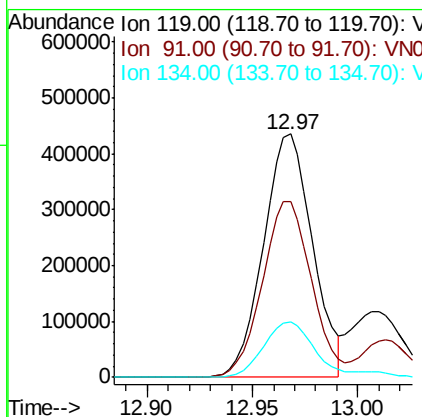
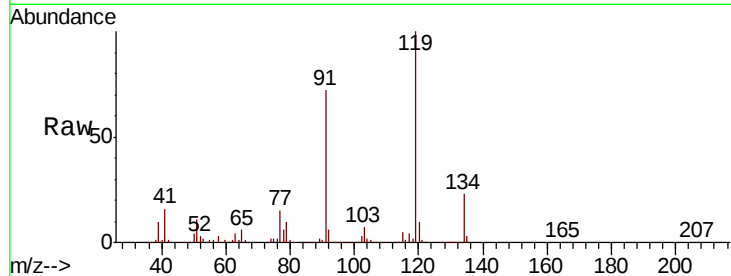




#83
 tert-Butylbenzene
 Concen: 52.499 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

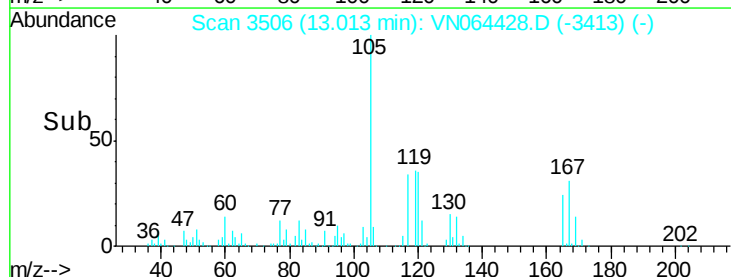
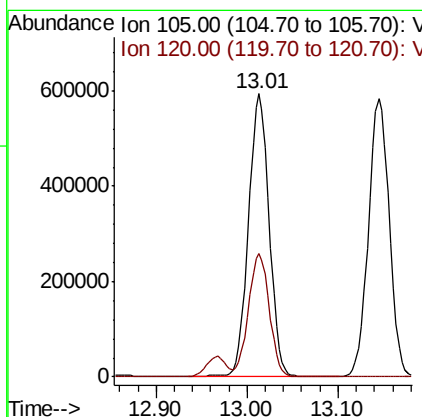
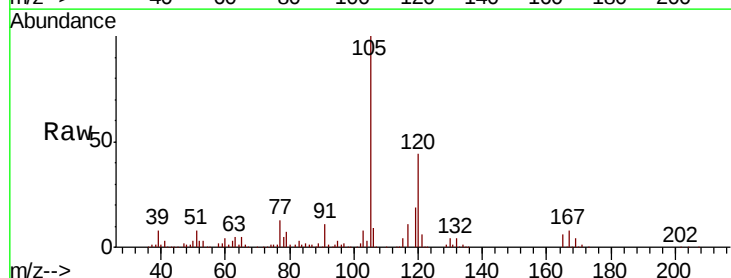
Instrument :
 MSVOA_N
 ClientSampled :

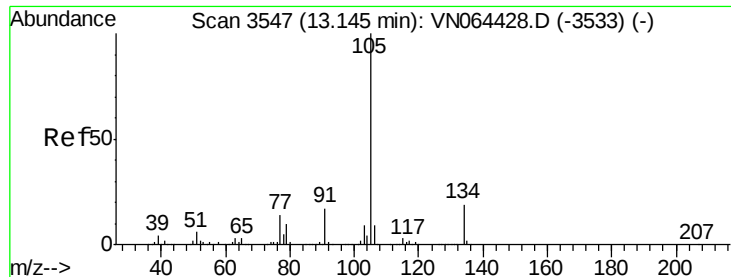
Tot Ion:119 Resp: 705541
 Ion Ratio Lower Upper
 119 100
 91 72.2 36.1 108.3
 134 23.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 56.808 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion:105 Resp: 939732
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.9 65.7





#85

sec-Butylbenzene

Concen: 52.953 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

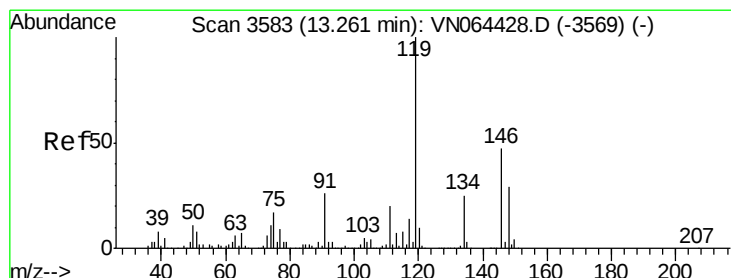
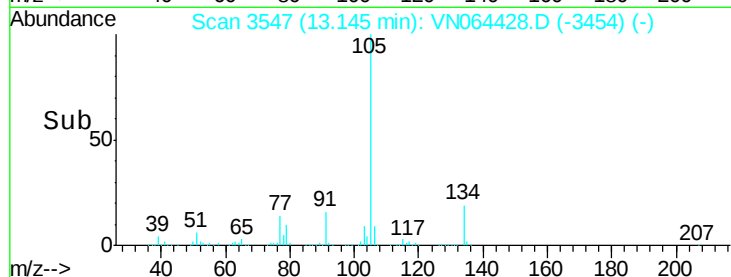
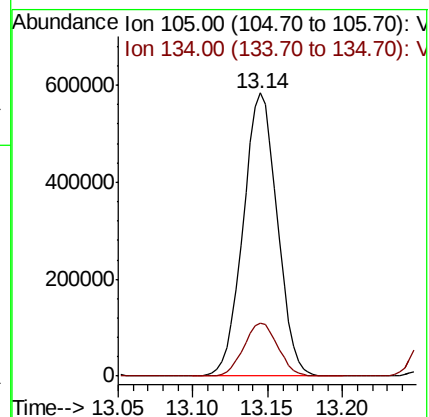
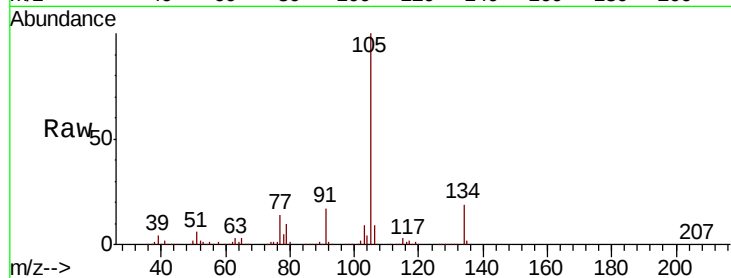
ClientSampled :

Tot Ion:105 Resp: 924059

Ion Ratio Lower Upper

105 100

134 18.8 9.4 28.2



#86

p-Isopropyltoluene

Concen: 53.477 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

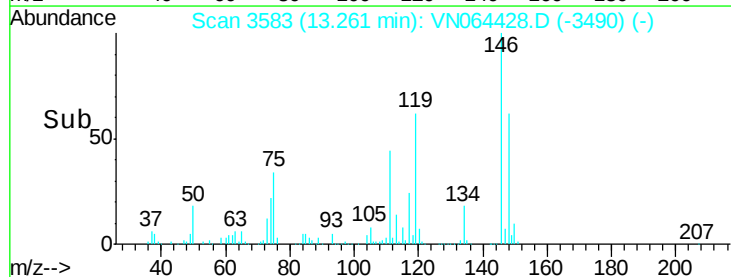
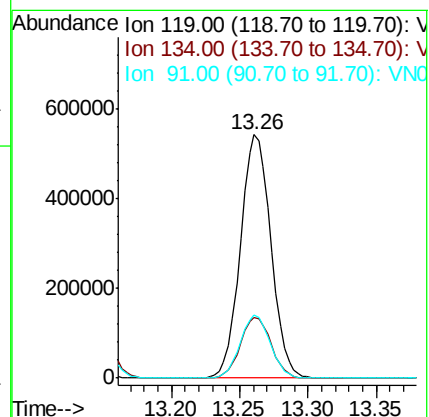
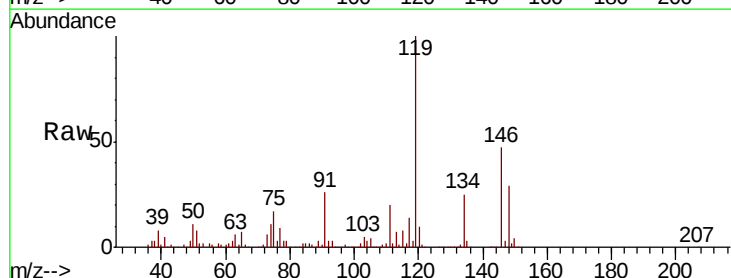
Tgt Ion:119 Resp: 838293

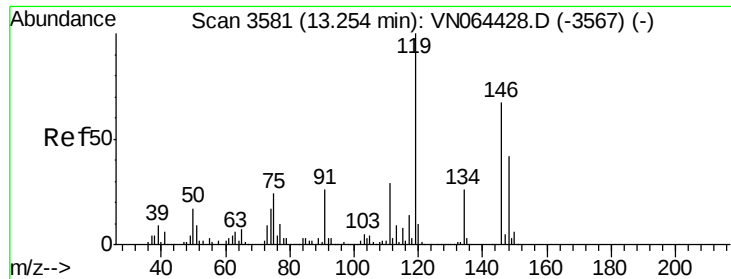
Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.6

91 25.5 12.8 38.3

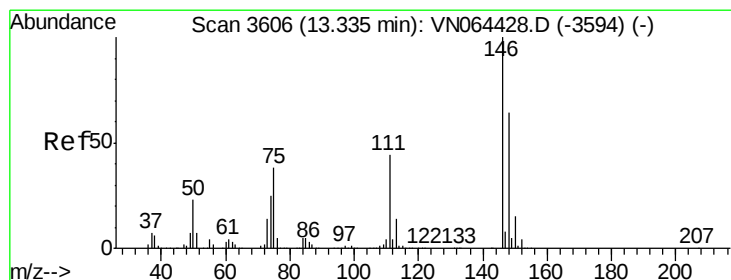
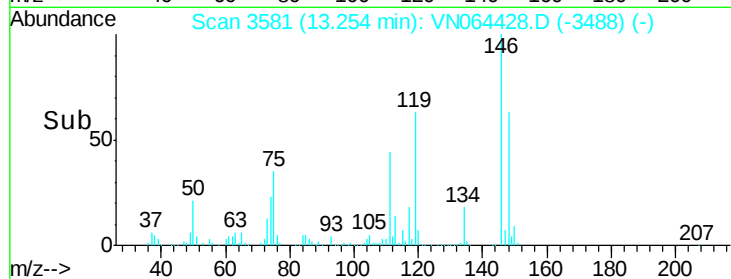
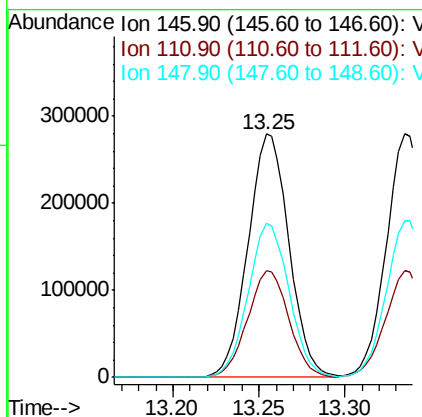
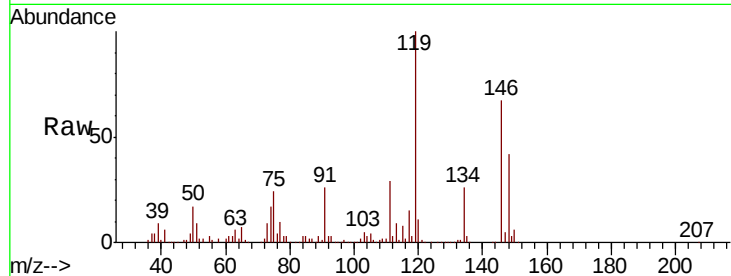




#87
 1,3-Dichlorobenzene
 Concen: 55.145 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

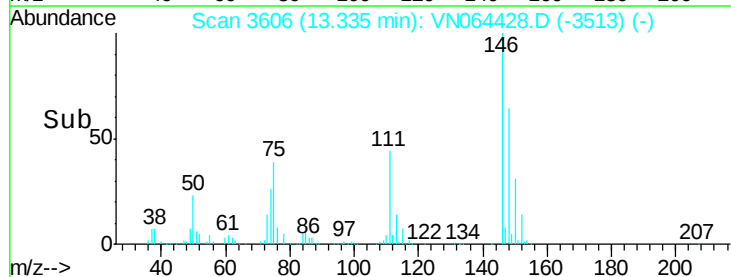
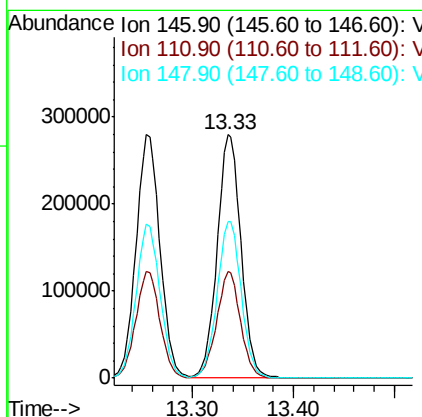
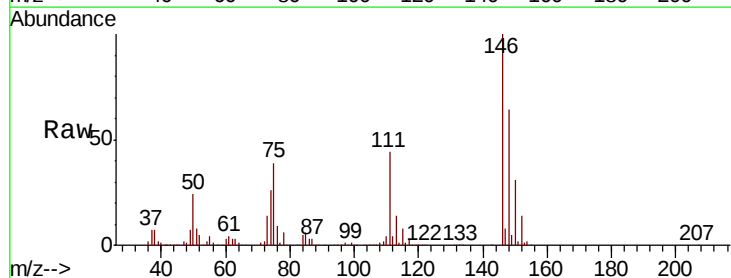
Instrument :
 MSVOA_N
 ClientSampleId :

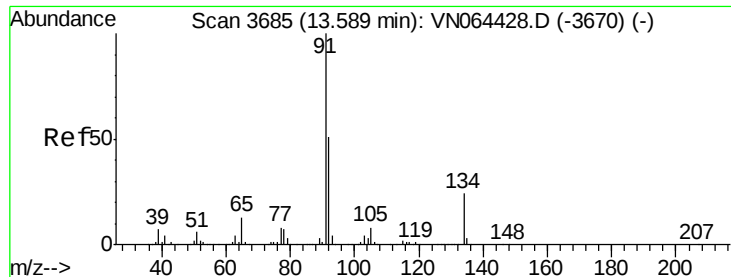
Tot Ion:146 Resp: 461811
 Ion Ratio Lower Upper
 146 100
 111 44.1 22.1 66.1
 148 63.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 54.011 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion:146 Resp: 460722
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.8 65.3
 148 64.8 32.4 97.2





#89

n-Butylbenzene

Concen: 52.633 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064428.D

Acq: 4 Nov 2020 11:00

Instrument :

MSVOA_N

ClientSampled :

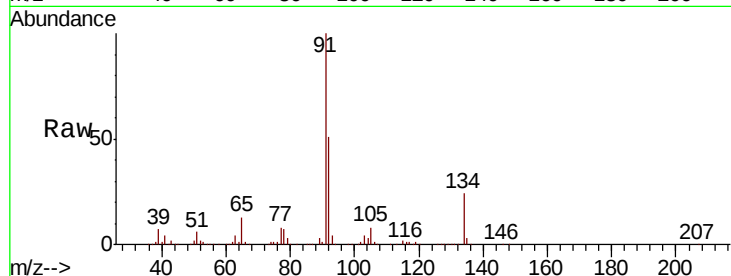
Tot Ion: 91 Resp: 727712

Ion Ratio Lower Upper

91 100

92 50.6 25.3 75.9

134 23.6 11.8 35.4

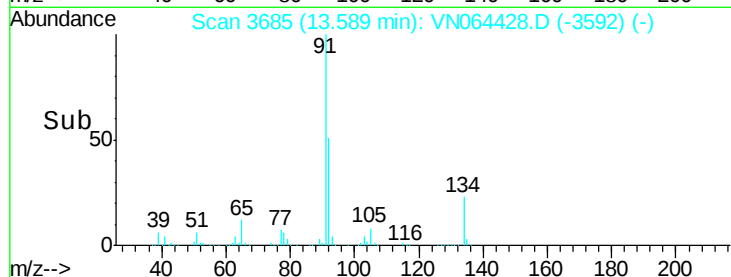


Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3670) (-)

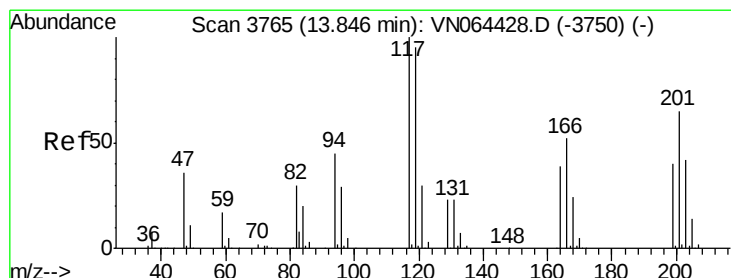
Ion 92.00 (91.70 to 92.70): VN064428.D (-3670) (-)

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

Time-->



Time-->



#90

Hexachloroethane

Concen: 53.403 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. 0.00 min

Lab File: VN064428.D

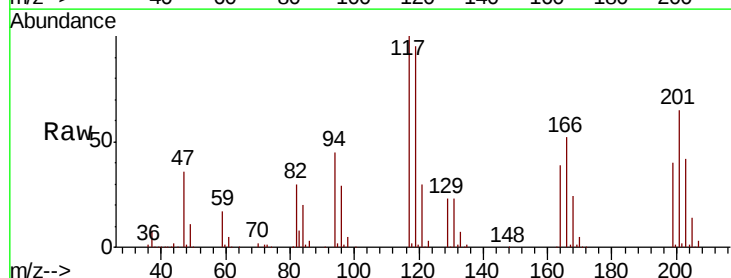
Acq: 4 Nov 2020 11:00

Tgt Ion: 117 Resp: 156269

Ion Ratio Lower Upper

117 100

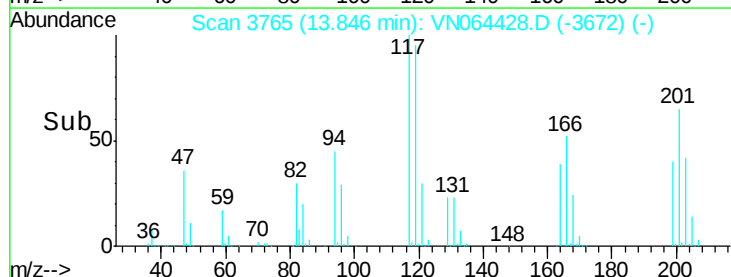
201 65.0 32.5 97.5



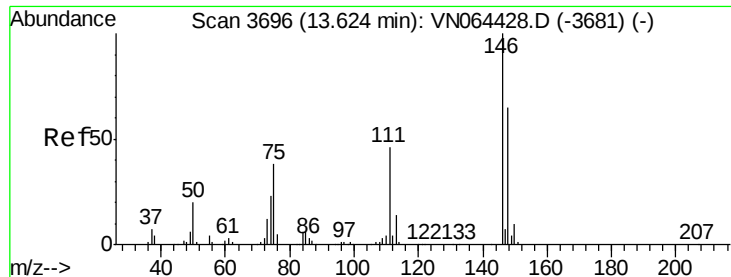
Abundance Ion 116.80 (116.50 to 117.50): VN064428.D (-3750) (-)

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

Time-->



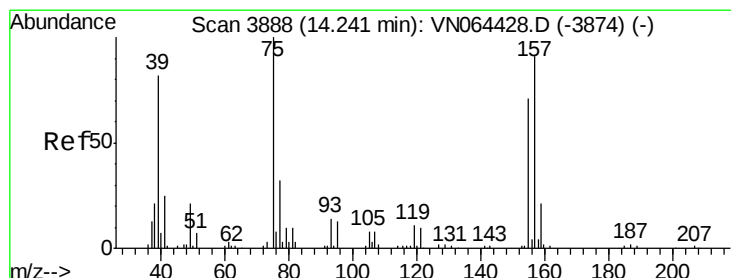
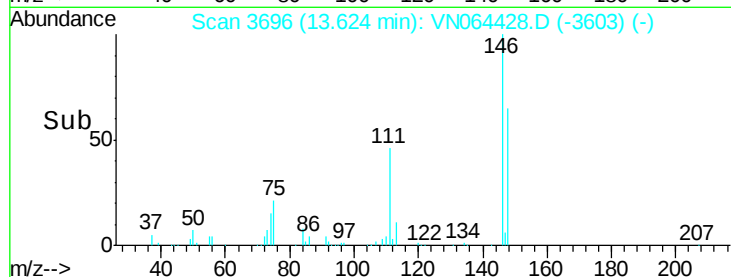
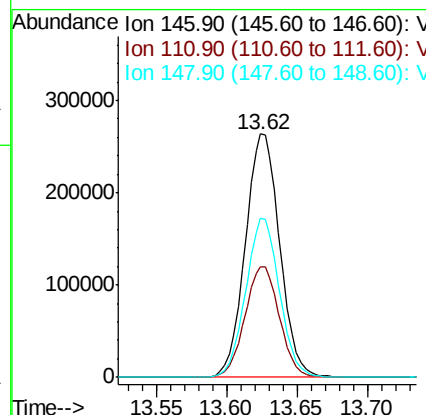
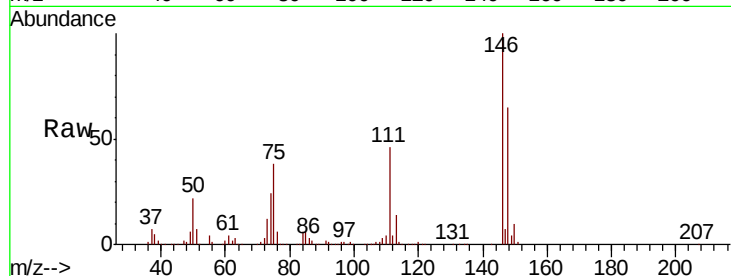
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 54.022 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

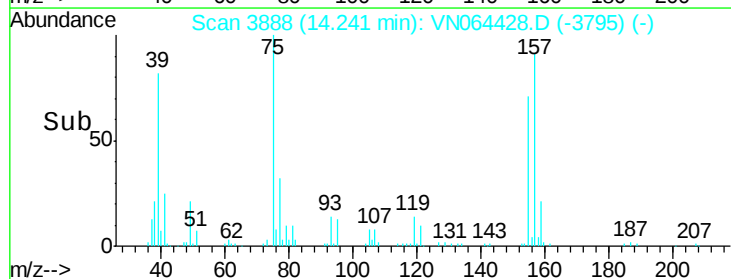
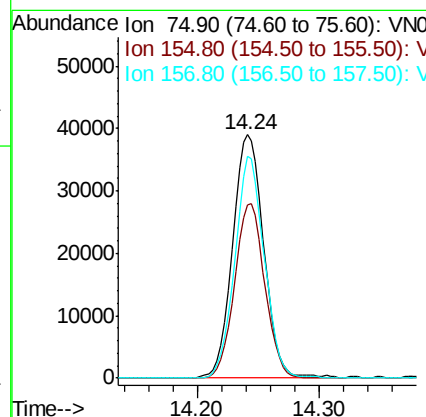
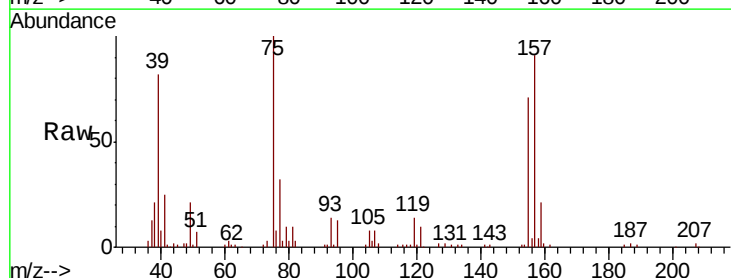
Instrument :
 MSVOA_N
 ClientSampleId :

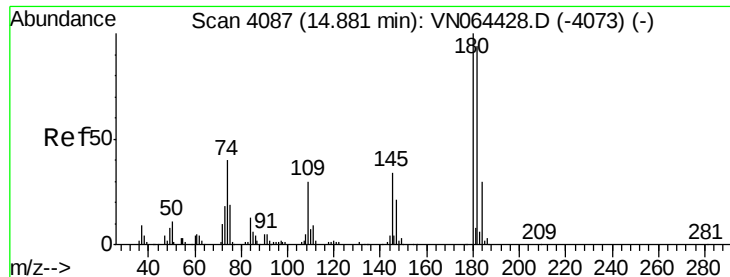
Tot Ion:146 Resp: 449967
 Ion Ratio Lower Upper
 146 100
 111 45.8 22.9 68.7
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.431 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion: 75 Resp: 69263
 Ion Ratio Lower Upper
 75 100
 155 69.3 34.6 103.9
 157 85.9 43.0 128.8

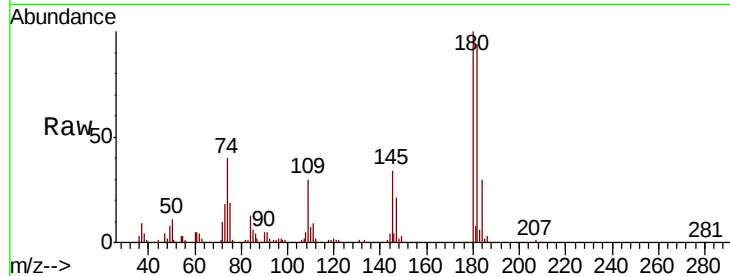




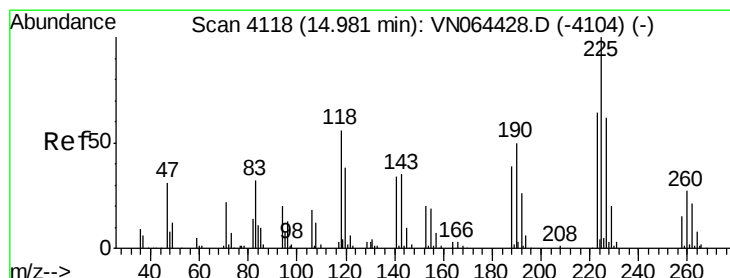
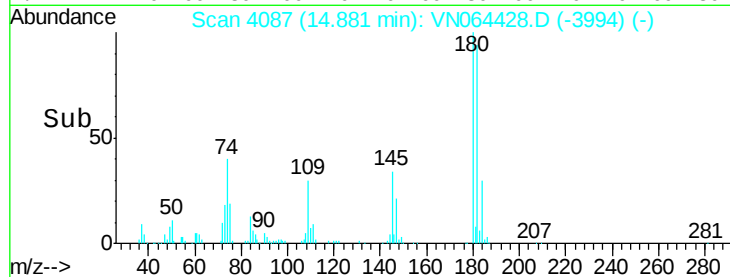
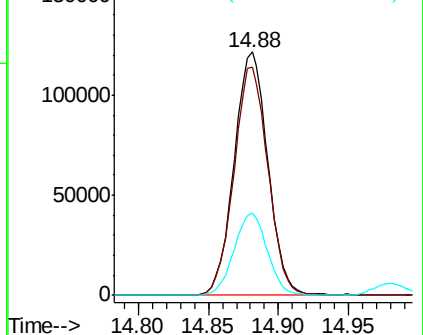
#93
 1,2,4-Trichlorobenzene
 Concen: 50.961 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 204034
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 142.0
 145 33.4 16.7 50.1

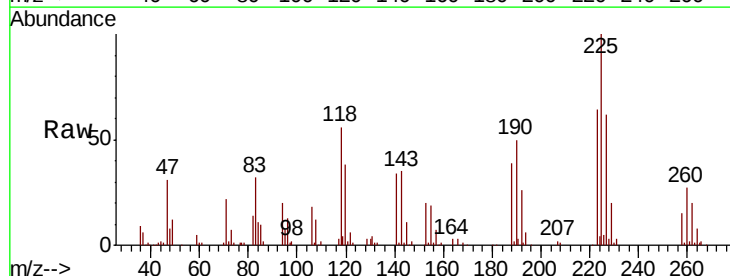


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

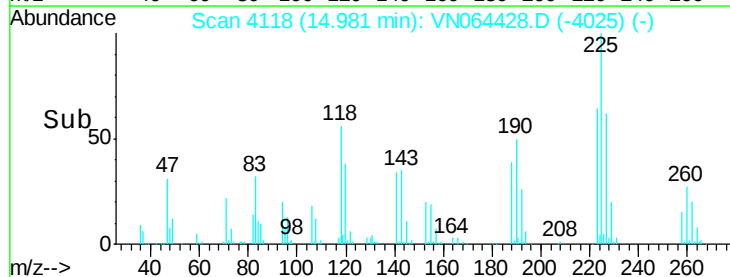
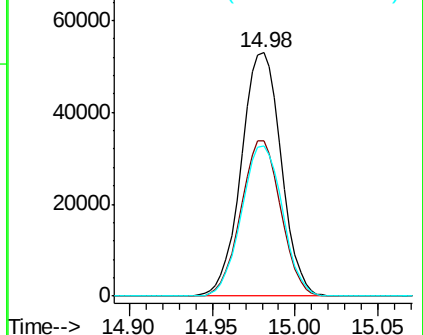


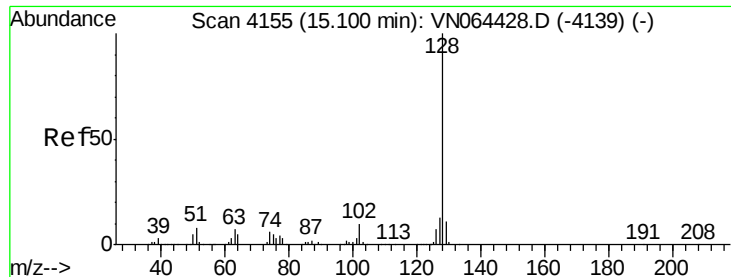
#94
 Hexachlorobutadiene
 Concen: 36.758 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064428.D
 Acq: 4 Nov 2020 11:00

Tgt Ion:225 Resp: 88853
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.8 95.4
 227 63.6 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

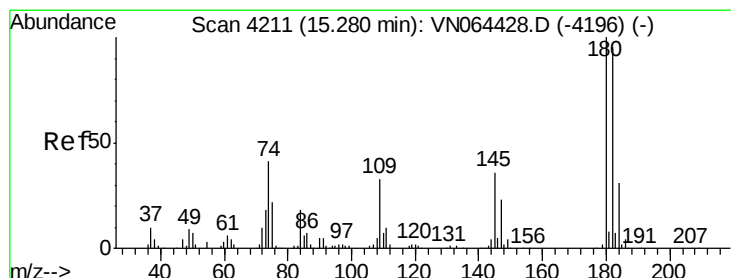
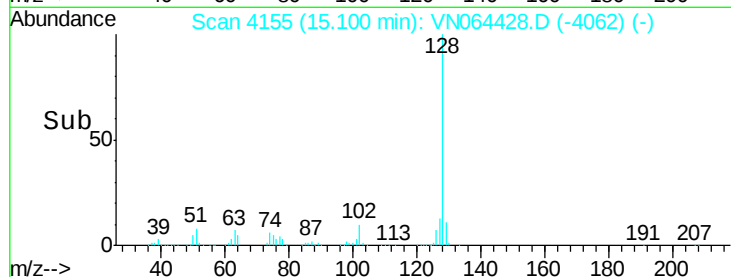
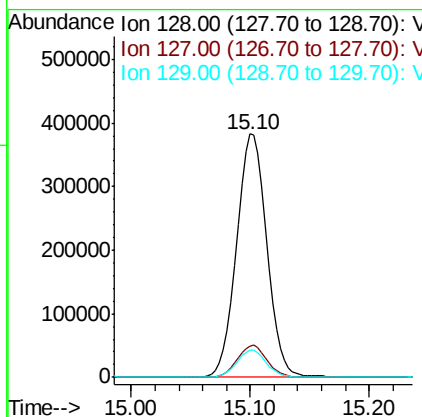
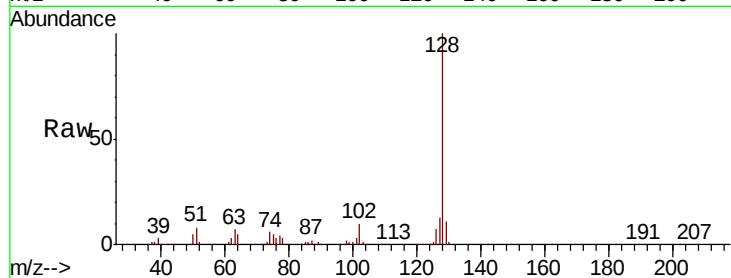




#95
Naphthalene
Concen: 53.801 ug/l
RT: 15.10 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 674795
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.928 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN064428.D
Acq: 4 Nov 2020 11:00

Tgt Ion:180 Resp: 193054
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 36.5 18.3 54.8

