

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102120\
 Data File : VN064216.D
 Acq On : 21 Oct 2020 12:32
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 21 12:51:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:00:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	283389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	457125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	217342	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	649269	157.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.90%	
35) Dibromofluoromethane	7.55	113	487590	154.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	308.72%	
50) Toluene-d8	10.06	98	1778955	149.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.32%	
62) 4-Bromofluorobenzene	12.38	95	731055	173.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	347.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	521173	186.111	ug/l	97
3) Chloromethane	2.04	50	526095	155.503	ug/l	98
4) Vinyl Chloride	2.16	62	525710	129.486	ug/l	97
5) Bromomethane	2.51	94	313386	106.529	ug/l	98
6) Chloroethane	2.66	64	297157	95.291	ug/l	96
7) Trichlorofluoromethane	2.98	101	860123	150.018	ug/l	99
8) Diethyl Ether	3.37	74	280076	155.675	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	431502	152.962	ug/l	98
10) Methyl Iodide	3.91	142	635306	159.911	ug/l	99
11) Tert butyl alcohol	4.73	59	432093	911.219	ug/l	97
12) 1,1-Dichloroethene	3.70	96	413815	146.220	ug/l	97
13) Acrolein	3.56	56	288127	801.092	ug/l	99
14) Allyl chloride	4.27	41	848016	183.567	ug/l	98
15) Acrylonitrile	4.93	53	970501	762.355	ug/l	99
16) Acetone	3.77	43	966478	795.276	ug/l	97
17) Carbon Disulfide	4.01	76	1229777	152.328	ug/l	99
18) Methyl Acetate	4.27	43	488472	160.463	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1415315	166.833	ug/l	97
20) Methylene Chloride	4.50	84	480483	130.875	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	459544	144.591	ug/l	95
22) Diisopropyl ether	5.90	45	1509508	172.516	ug/l	99
23) Vinyl Acetate	5.84	43	6956121	888.105	ug/l	99
24) 1,1-Dichloroethane	5.79	63	897603	149.749	ug/l	100
25) 2-Butanone	6.78	43	1516442	813.242	ug/l	99
26) 2,2-Dichloropropane	6.78	77	850418	164.909	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	534007	143.250	ug/l	97
28) Bromochloromethane	7.15	49	449485	157.339	ug/l	100
29) Tetrahydrofuran	7.16	42	910000	831.495	ug/l	99
30) Chloroform	7.33	83	935559	147.310	ug/l	99
31) Cyclohexane	7.61	56	715418	156.588	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	889212	159.455	ug/l	99
36) 1,1-Dichloropropene	7.75	75	704660	158.571	ug/l	99
37) Ethyl Acetate	6.88	43	657859	165.875	ug/l	98
38) Carbon Tetrachloride	7.73	117	809049	166.584	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	670252	176.925	ug/l	99
40) Benzene	8.00	78	1970372	148.739	ug/l	100
41) Methacrylonitrile	7.12	41	368253	212.496	ug/l #	86
42) 1,2-Dichloroethane	8.08	62	799507	164.888	ug/l	100
43) Isopropyl Acetate	8.13	43	1205948	179.624	ug/l	99
44) Trichloroethene	8.80	130	546176	156.016	ug/l	95
45) 1,2-Dichloropropane	9.08	63	522188	149.105	ug/l	98
46) Dibromomethane	9.17	93	357400	144.255	ug/l	95
47) Bromodichloromethane	9.37	83	786842	160.617	ug/l	100
48) Methyl methacrylate	9.16	41	613454	195.038	ug/l	99
49) 1,4-Dioxane	9.16	88	153527	3326.962	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	3296724	845.782	ug/l	98
52) Toluene	10.13	92	1273656	156.175	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	907917	178.468	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	924748	166.707	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	489963	145.680	ug/l	98
56) Ethyl methacrylate	10.40	69	769296	176.127	ug/l	98
57) 1,3-Dichloropropane	10.68	76	842378	150.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1957508	894.310	ug/l	99
59) 2-Hexanone	10.72	43	2456222	894.681	ug/l	98
60) Dibromochloromethane	10.87	129	622988	162.647	ug/l	100
61) 1,2-Dibromoethane	10.98	107	519937	151.870	ug/l	99
64) Tetrachloroethene	10.60	164	509392	158.969	ug/l	98
65) Chlorobenzene	11.41	112	1362535	153.665	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	539379	159.106	ug/l	99
67) Ethyl Benzene	11.48	91	2524507	168.127	ug/l	100
68) m/p-Xylenes	11.60	106	1897883	341.935	ug/l	94
69) o-Xylene	11.92	106	907985	169.804	ug/l	98
70) Styrene	11.94	104	1596211	179.211	ug/l	99
71) Bromoform	12.10	173	452398	178.362	ug/l #	98
73) Isopropylbenzene	12.22	105	2436412	152.487	ug/l	99
74) N-amyl acetate	12.05	43	1123102	182.010	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	665955	124.616	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	1001536	193.806	ug/l #	100
77) Bromobenzene	12.50	156	598655	140.755	ug/l	98
78) n-propylbenzene	12.57	91	2830980	158.697	ug/l	99
79) 2-Chlorotoluene	12.65	91	1732665	152.714	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	2114310	164.334	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	279912	163.386	ug/l	97
82) 4-Chlorotoluene	12.75	91	1855634	161.802	ug/l	99
83) tert-Butylbenzene	12.97	119	1719095	161.586	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	2155804	170.783	ug/l	98
85) sec-Butylbenzene	13.14	105	2248725	164.785	ug/l	100
86) p-Isopropyltoluene	13.26	119	2081500	174.172	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1093477	153.500	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1112035	152.311	ug/l	99
89) n-Butylbenzene	13.59	91	1869632	183.880	ug/l	99
90) Hexachloroethane	13.85	117	364241	159.325	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	1059616	149.871	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	169339	157.887	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:00:10 2020
Response via : Initial Calibration

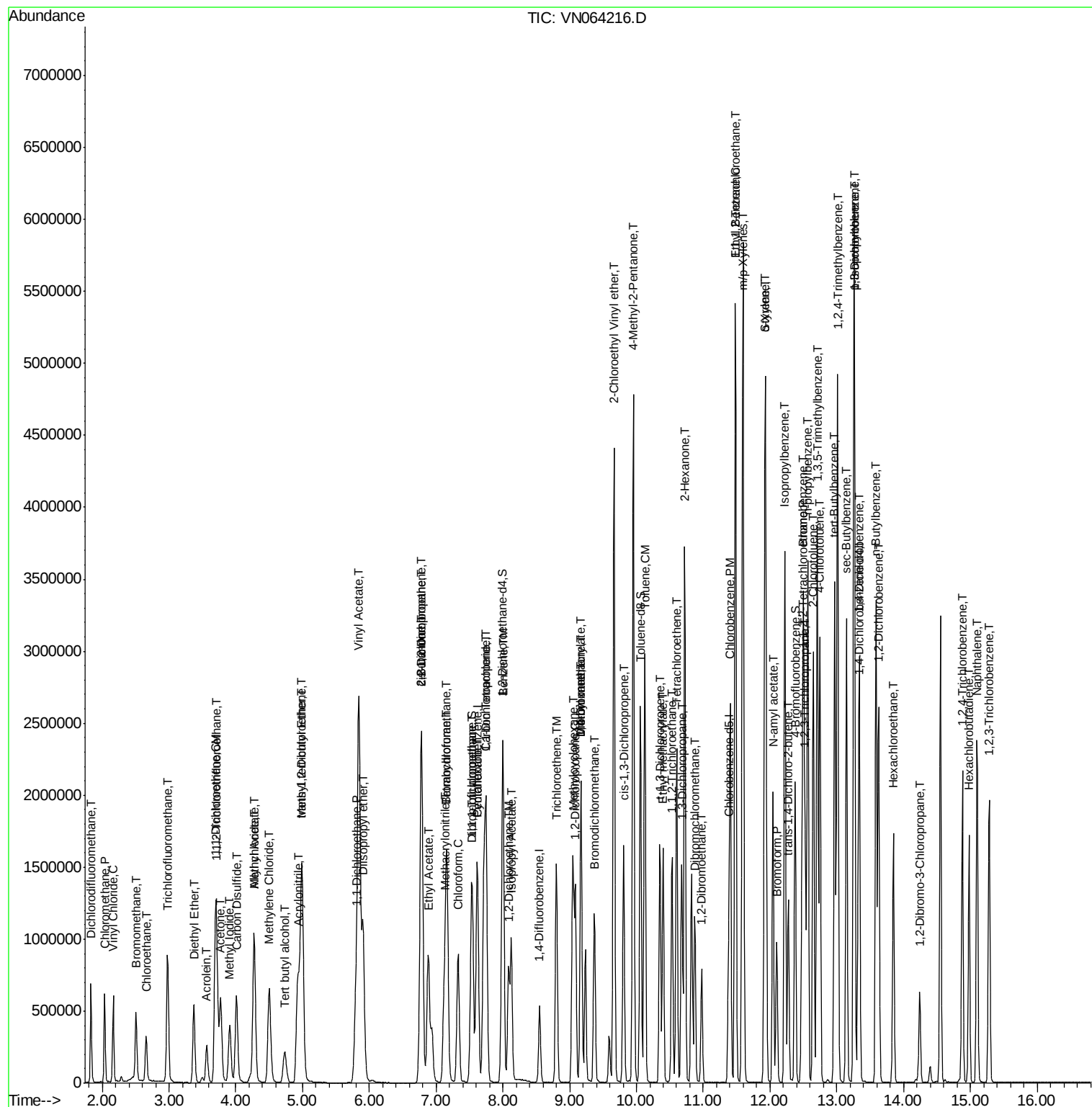
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	656064	217.584	ug/l	98
94) Hexachlorobutadiene	14.98	225	311257	176.235	ug/l	99
95) Naphthalene	15.10	128	1975790	219.727	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	623229	208.340	ug/l	100

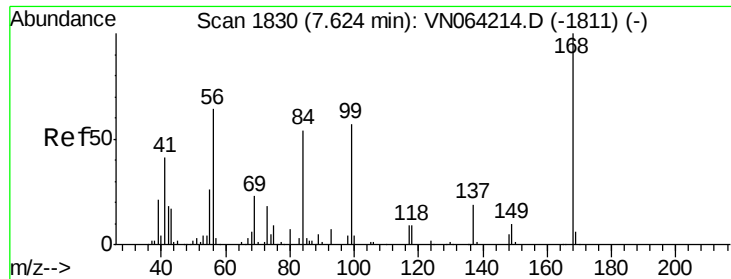
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102120\
Data File : VN064216.D
Acq On : 21 Oct 2020 12:32
Operator : JC/MD
Sample : VSTDIC150
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Quant Time: Oct 21 12:51:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:00:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

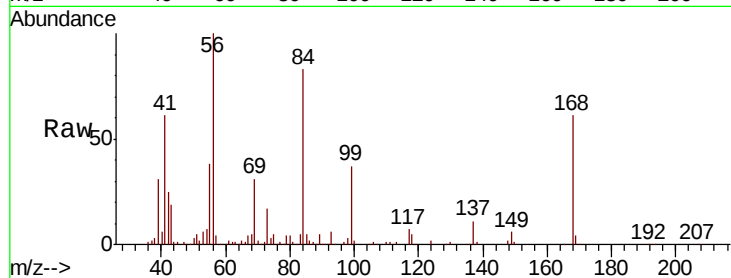
VSTDIC150

Tot Ion:168 Resp: 283389

Ion Ratio Lower Upper

168 100

99 60.5 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

250000

200000

150000

100000

50000

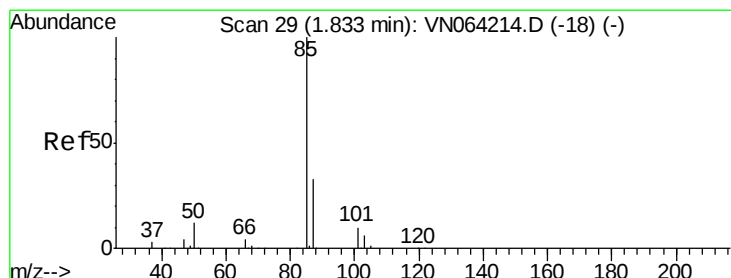
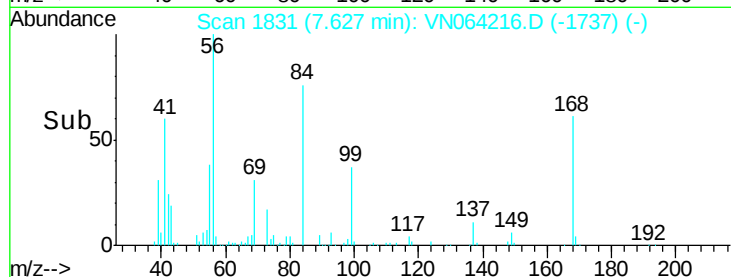
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 186.111 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064216.D

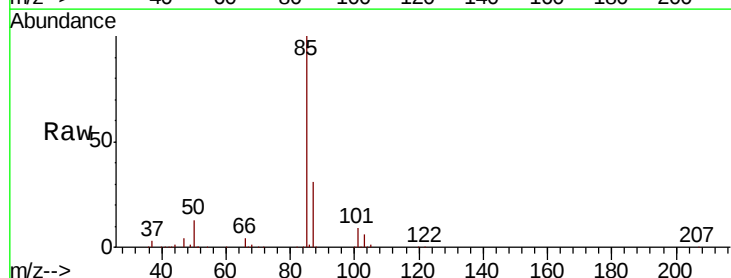
Acq: 21 Oct 2020 12:32

Tgt Ion: 85 Resp: 521173

Ion Ratio Lower Upper

85 100

87 31.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

400000

300000

200000

100000

0

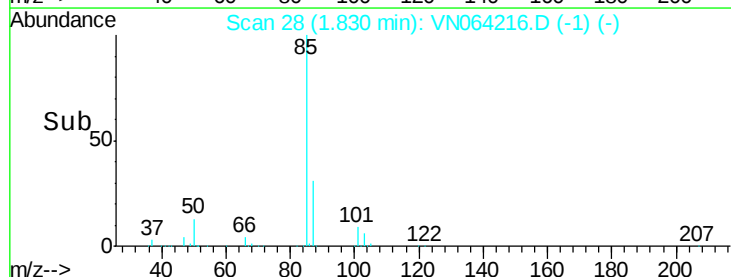
1.75

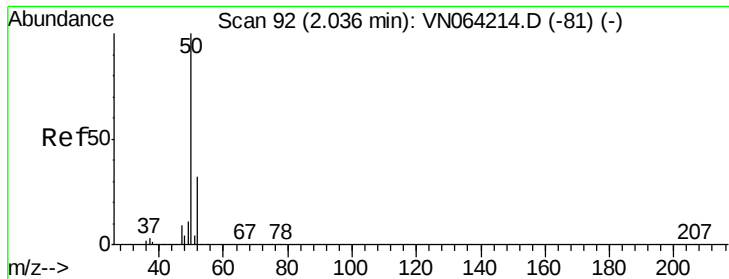
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 155.503 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

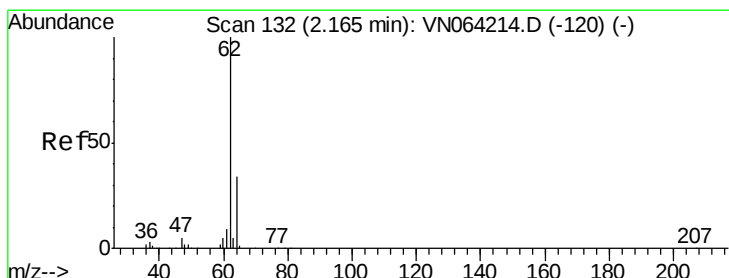
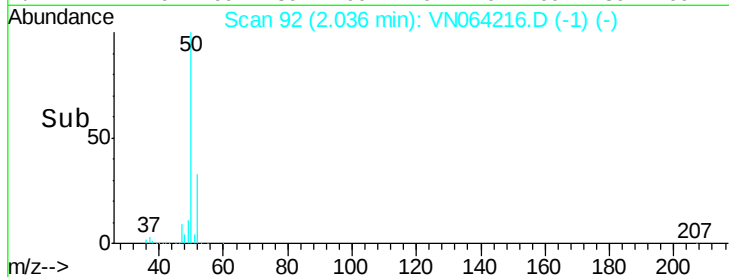
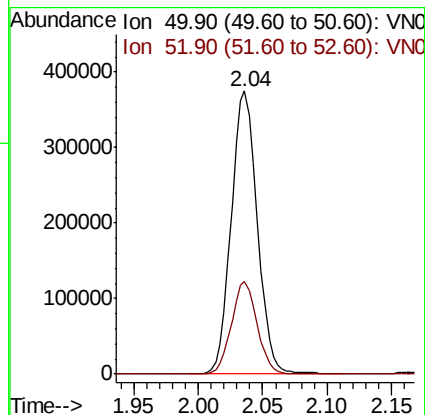
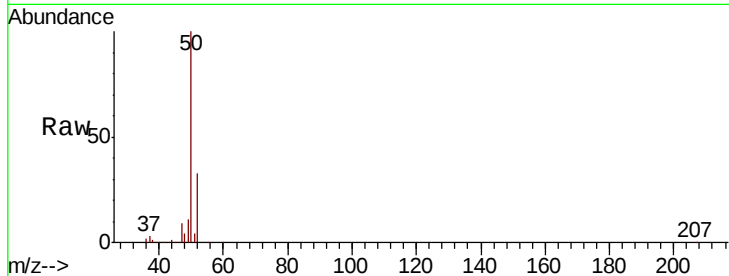
VSTDIC150

Tot Ion: 50 Resp: 526095

Ion Ratio Lower Upper

50 100

52 32.6 25.3 37.9



#4

Vinyl Chloride

Concen: 129.486 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064216.D

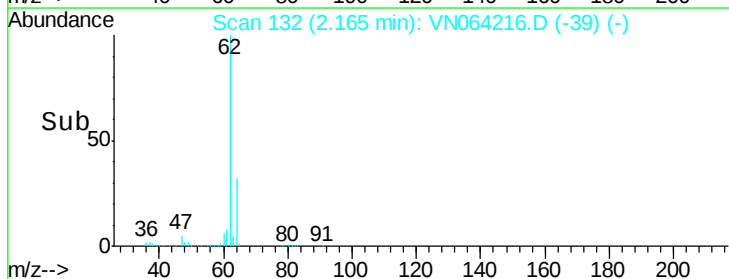
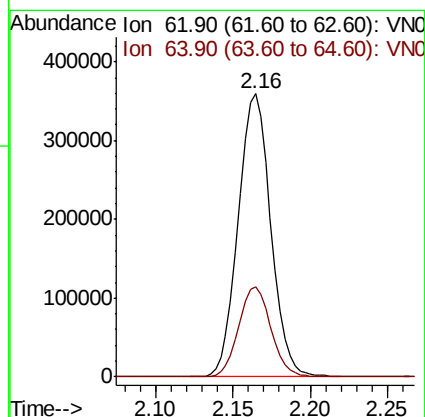
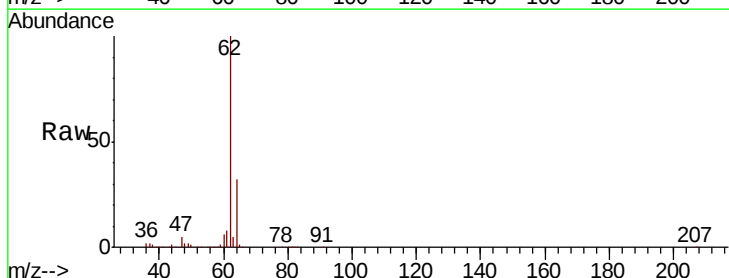
Acq: 21 Oct 2020 12:32

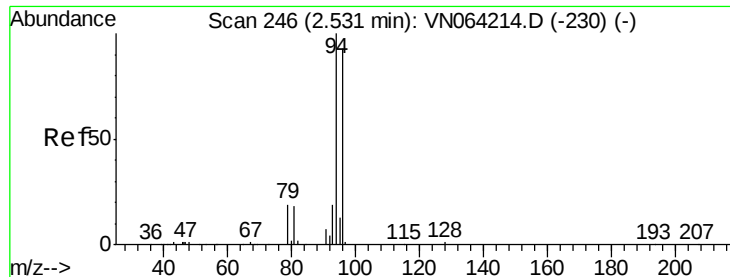
Tgt Ion: 62 Resp: 525710

Ion Ratio Lower Upper

62 100

64 31.7 26.8 40.2





#5

Bromomethane

Concen: 106.529 ug/l

RT: 2.51 min Scan# 238

Delta R.T. -0.03 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

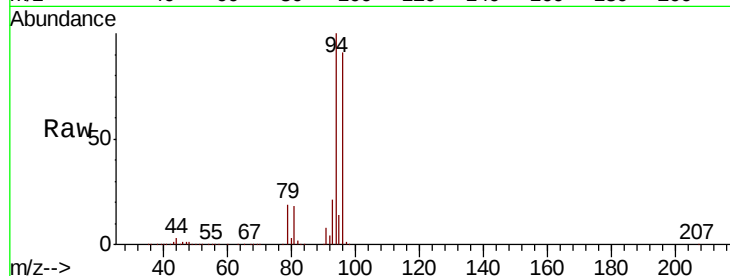
VSTDIC150

Tot Ion: 94 Resp: 313386

Ion Ratio Lower Upper

94 100

96 90.5 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.51

150000

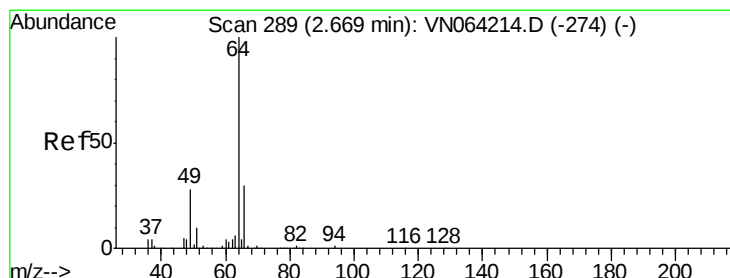
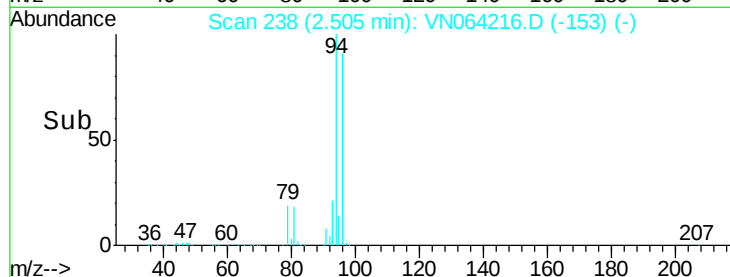
100000

50000

0

Time-->

2.45 2.50 2.55



#6

Chloroethane

Concen: 95.291 ug/l

RT: 2.66 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN064216.D

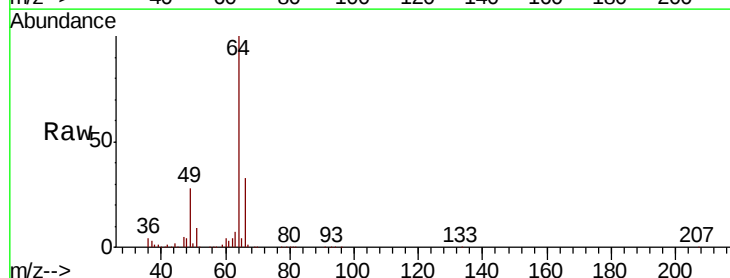
Acq: 21 Oct 2020 12:32

Tgt Ion: 64 Resp: 297157

Ion Ratio Lower Upper

64 100

66 33.0 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.66

150000

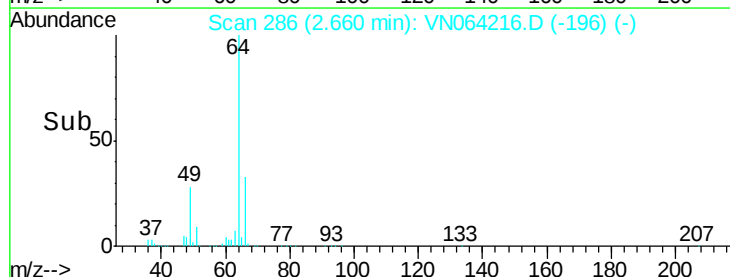
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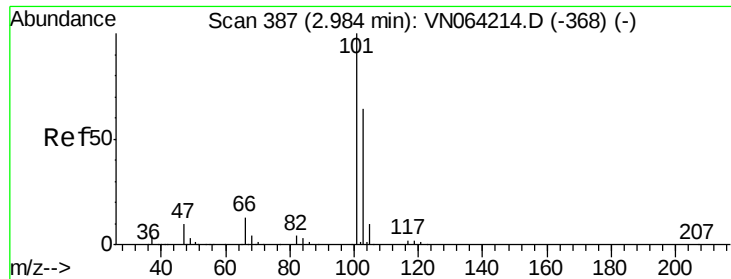
50000

0

Time-->

2.60 2.70 2.80



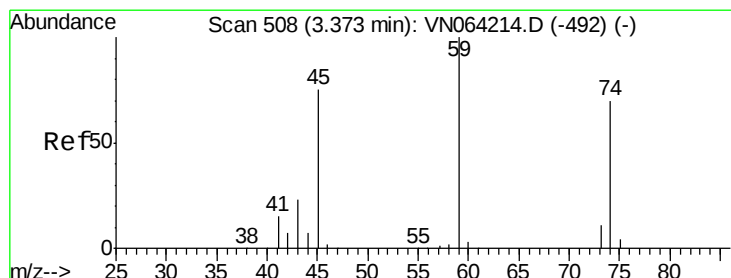
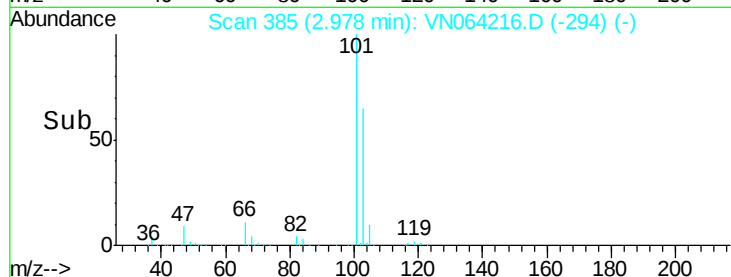
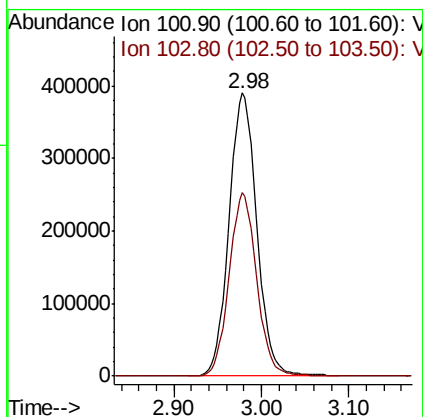
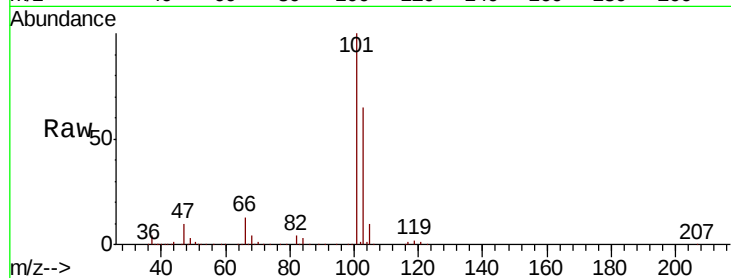


#7

Trichlorofluoromethane
Concen: 150.018 ug/l
RT: 2.98 min Scan# 385
Delta R.T. -0.01 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
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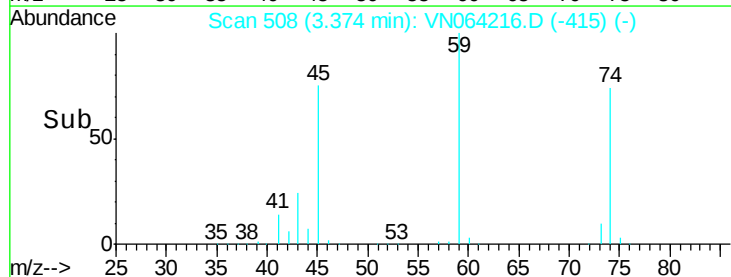
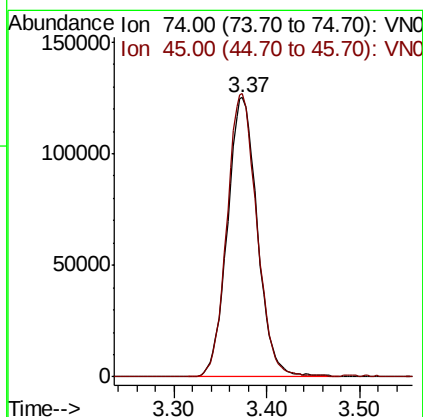
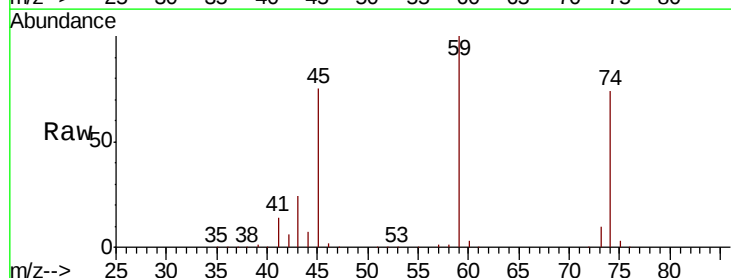
Tot Ion:101 Resp: 860123
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.6

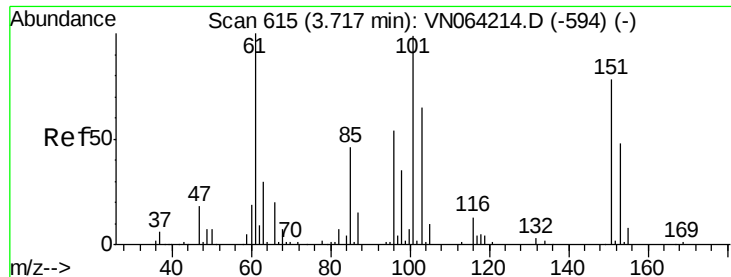


#8

Diethyl Ether
Concen: 155.675 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 74 Resp: 280076
Ion Ratio Lower Upper
74 100
45 101.5 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 152.962 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

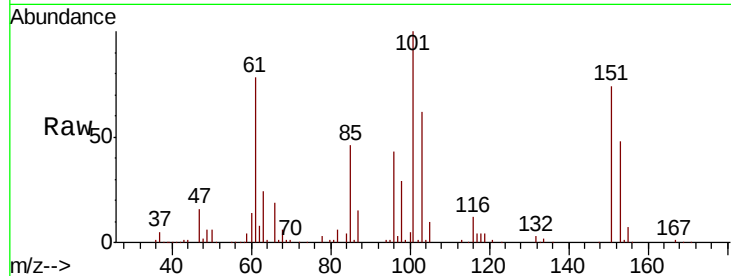
Tot Ion:101 Resp: 431502

Ion Ratio Lower Upper

101 100

85 45.5 37.8 56.8

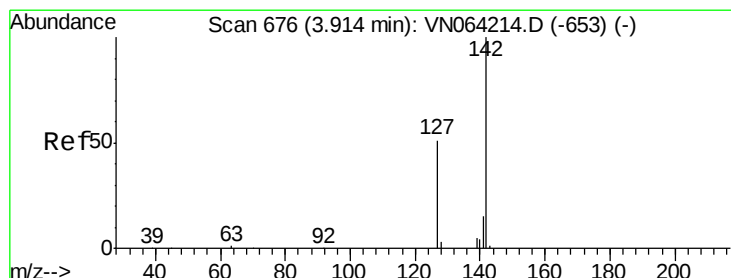
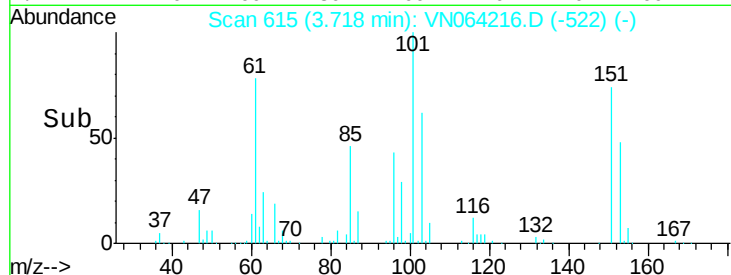
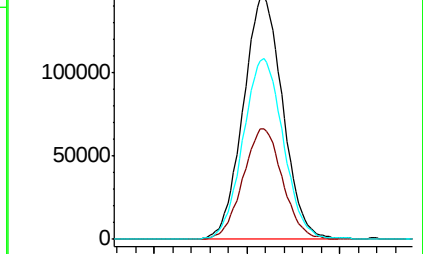
151 76.0 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 159.911 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.01 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

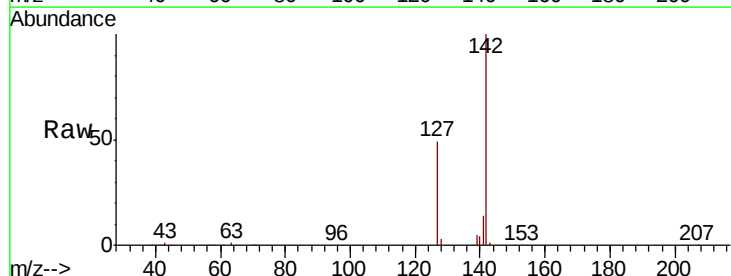
Tgt Ion:142 Resp: 635306

Ion Ratio Lower Upper

142 100

127 50.6 41.0 61.6

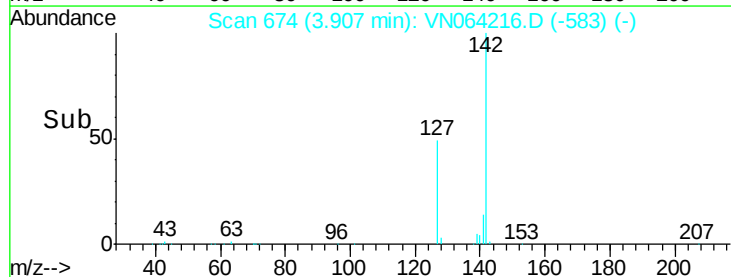
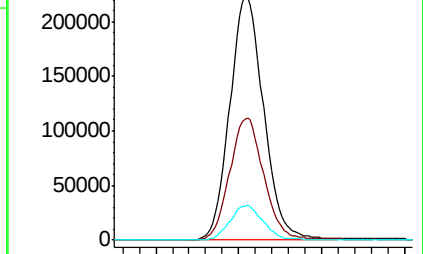
141 14.0 11.3 16.9

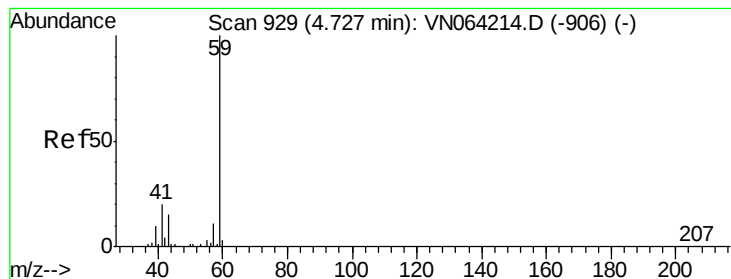


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



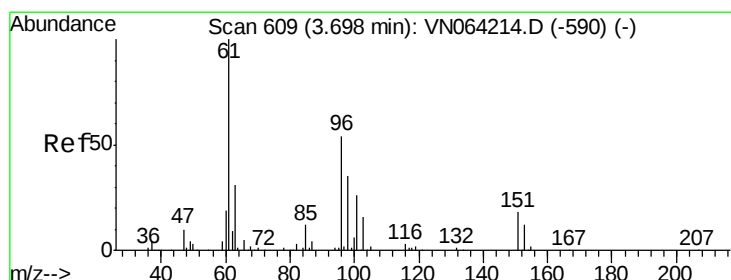
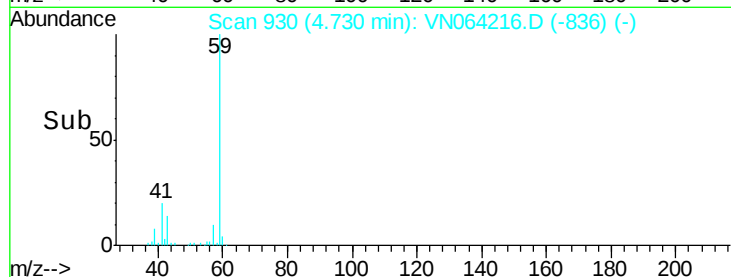
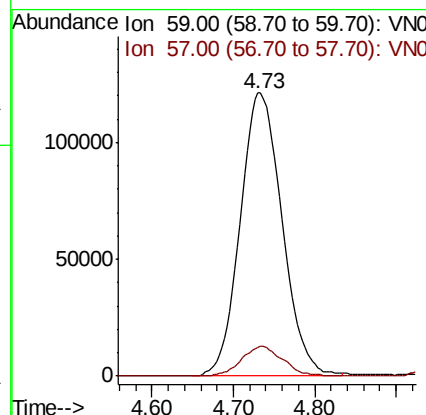
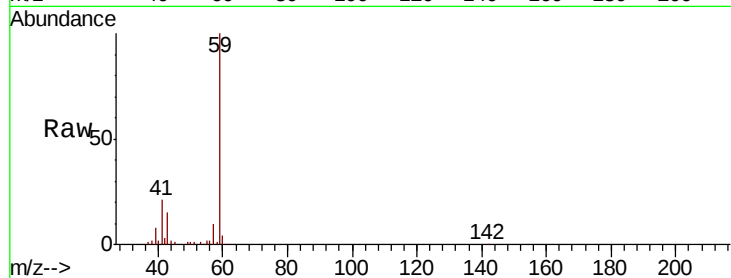


#11

Tert butyl alcohol
Concen: 911.219 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

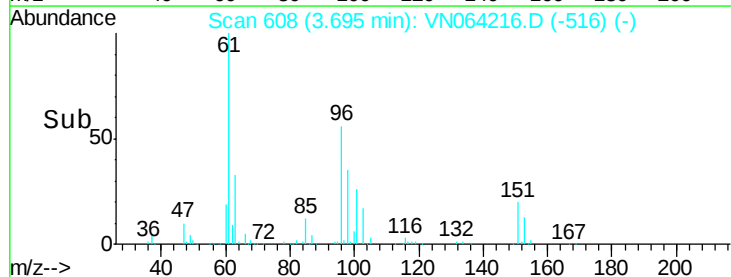
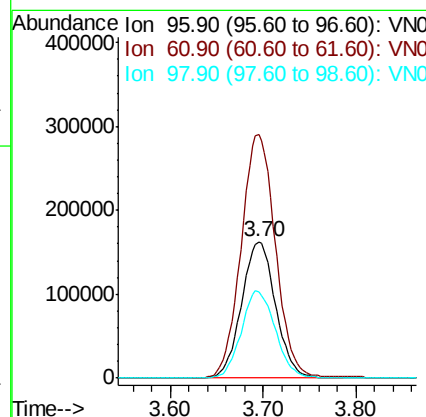
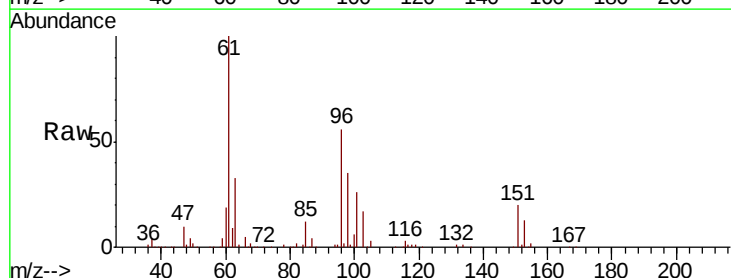
Tot Ion: 59 Resp: 432093
Ion Ratio Lower Upper
59 100
57 10.4 9.2 13.8

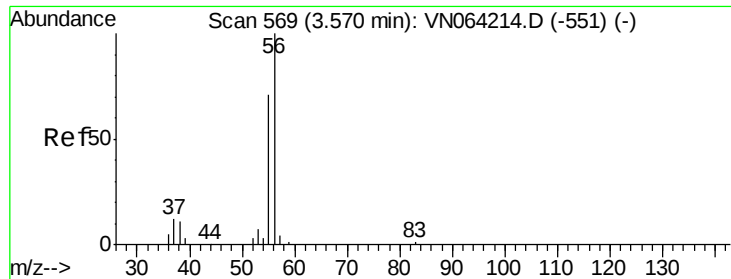


#12

1,1-Dichloroethene
Concen: 146.220 ug/l
RT: 3.70 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 96 Resp: 413815
Ion Ratio Lower Upper
96 100
61 178.2 147.0 220.4
98 63.2 51.7 77.5





#13

Acrolein

Concen: 801.092 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.01 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

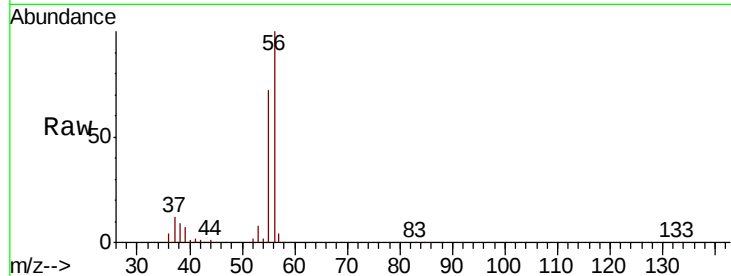
VSTDIC150

Tot Ion: 56 Resp: 288127

Ion Ratio Lower Upper

56 100

55 70.7 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VN064216.D (-476) (-)

Ion 55.00 (54.70 to 55.70): VN064216.D (-476) (-)

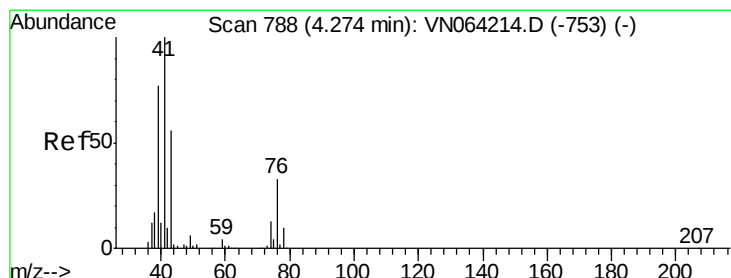
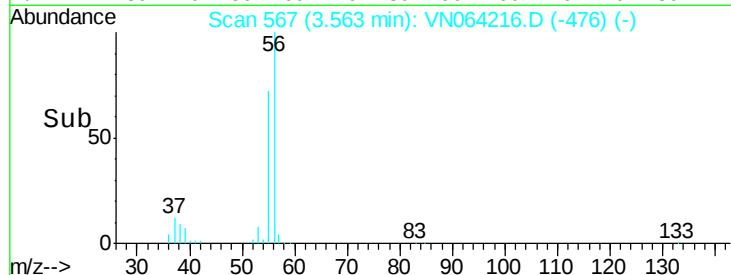
3.56

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 183.567 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

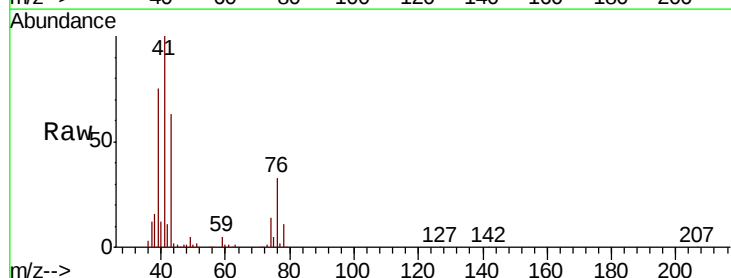
Tgt Ion: 41 Resp: 848016

Ion Ratio Lower Upper

41 100

39 71.4 58.6 88.0

76 30.6 24.5 36.7



Abundance Ion 41.00 (40.70 to 41.70): VN064216.D (-695) (-)

Ion 39.00 (38.70 to 39.70): VN064216.D (-695) (-)

Ion 75.90 (75.60 to 76.60): VN064216.D (-695) (-)

4.27

500000

400000

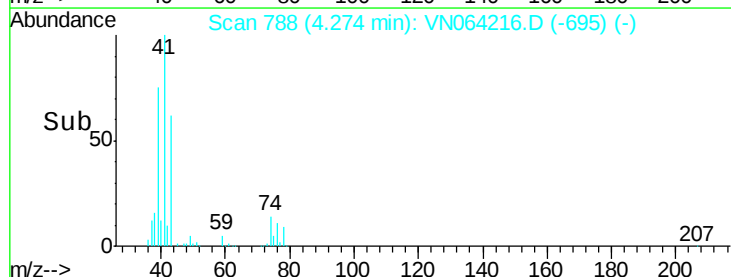
300000

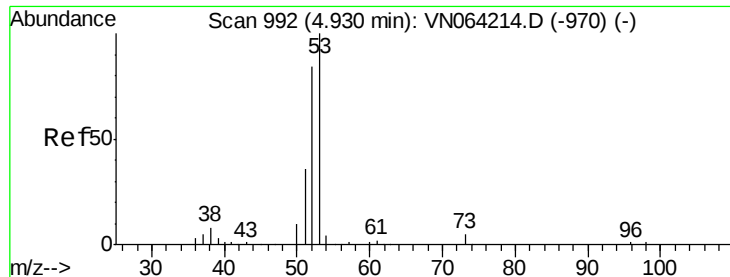
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 762.355 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

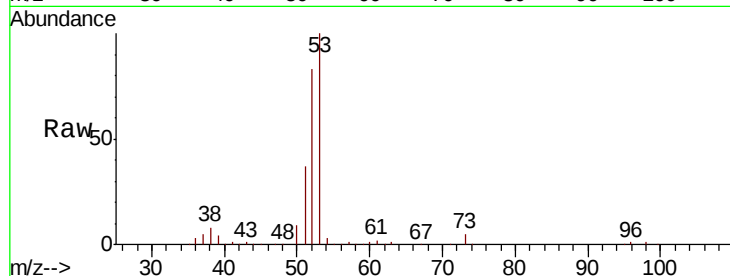
Tot Ion: 53 Resp: 970501

Ion Ratio Lower Upper

53 100

52 83.2 66.8 100.2

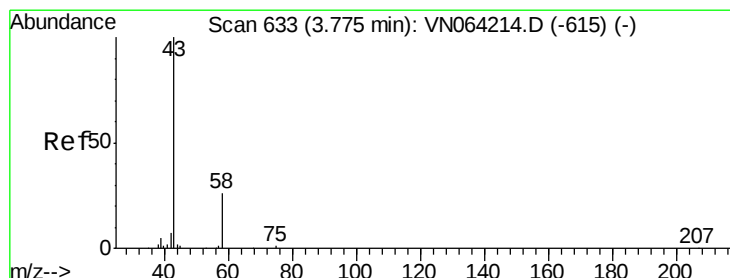
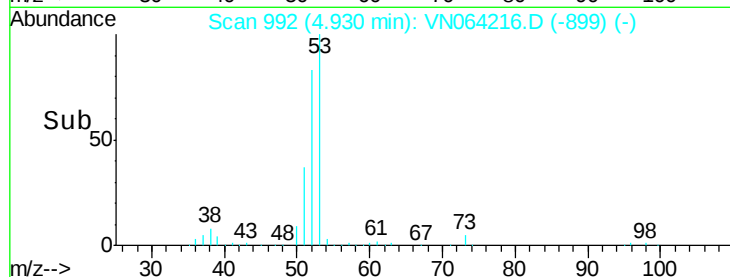
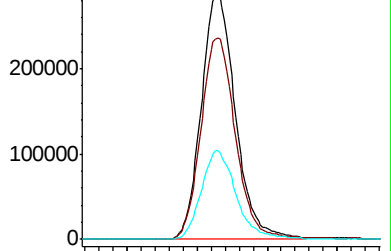
51 37.0 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VN064216.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN064216.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN064216.D (-899) (-)



#16

Acetone

Concen: 795.276 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064216.D

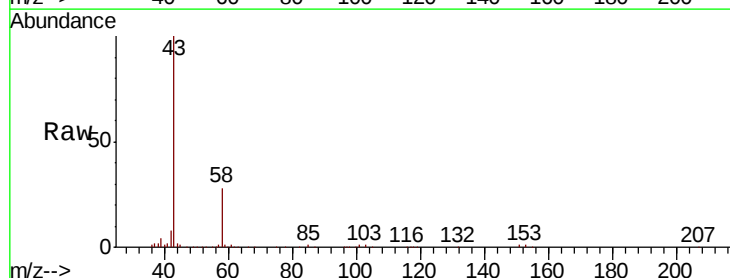
Acq: 21 Oct 2020 12:32

Tgt Ion: 43 Resp: 966478

Ion Ratio Lower Upper

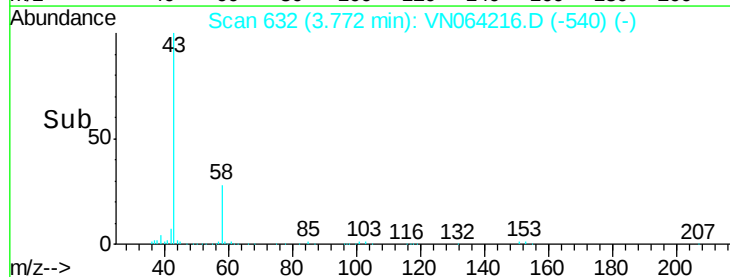
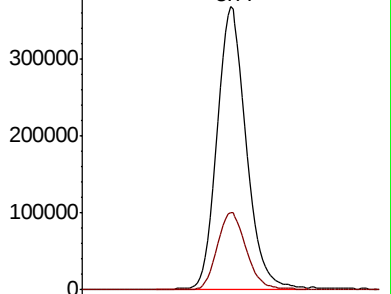
43 100

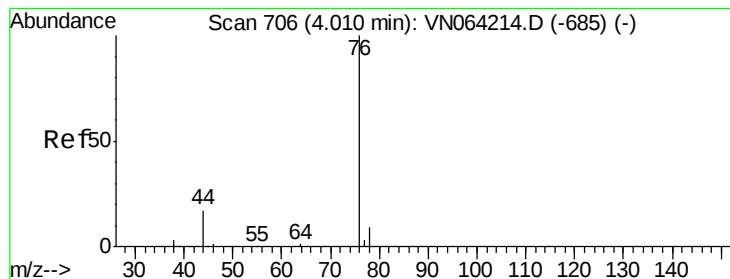
58 27.5 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VN064216.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064216.D (-540) (-)





#17

Carbon Disulfide

Concen: 152.328 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

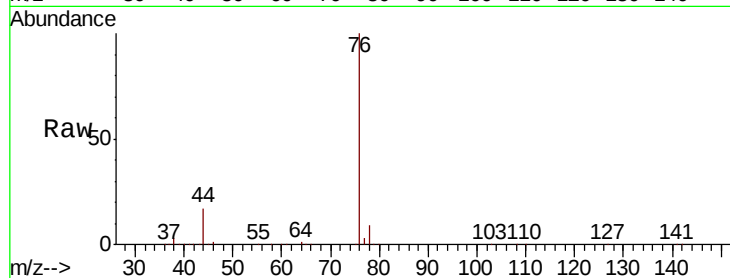
VSTDIC150

Tot Ion: 76 Resp: 1229777

Ion Ratio Lower Upper

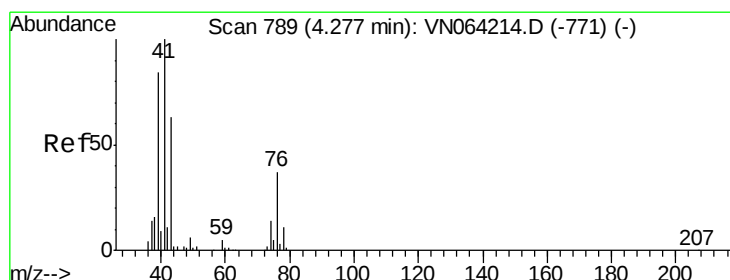
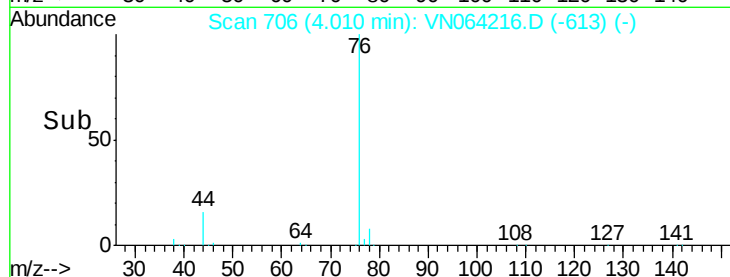
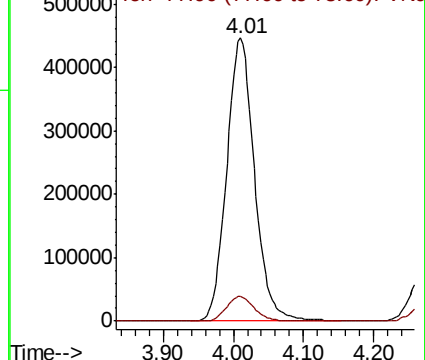
76 100

78 8.7 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 160.463 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064216.D

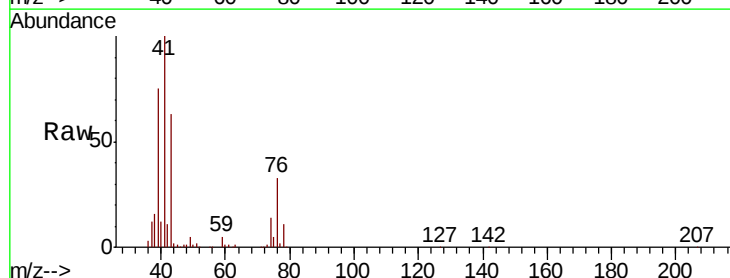
Acq: 21 Oct 2020 12:32

Tgt Ion: 43 Resp: 488472

Ion Ratio Lower Upper

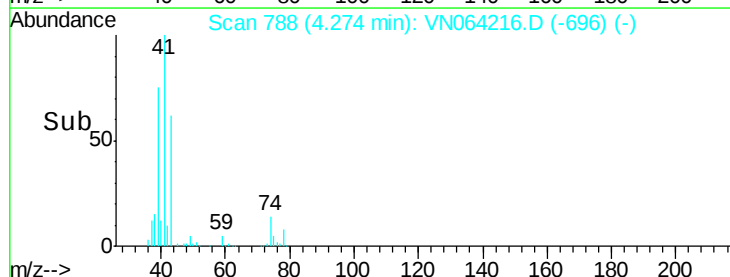
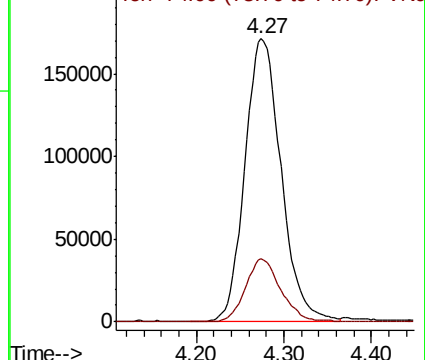
43 100

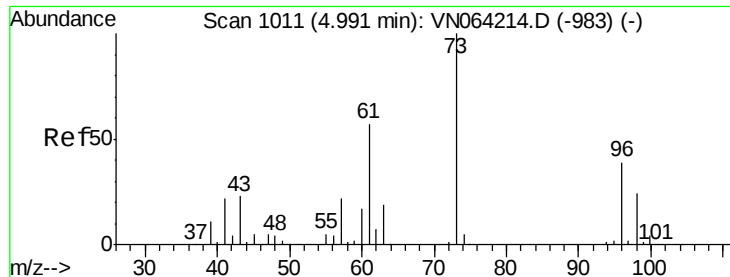
74 22.0 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

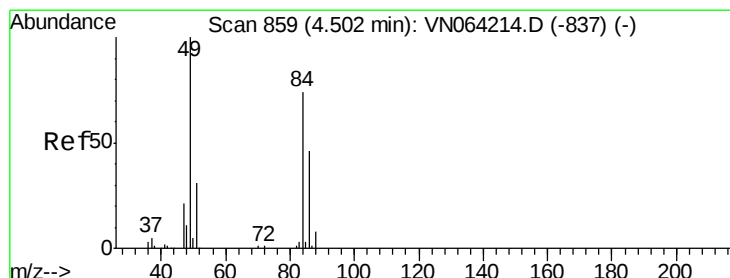
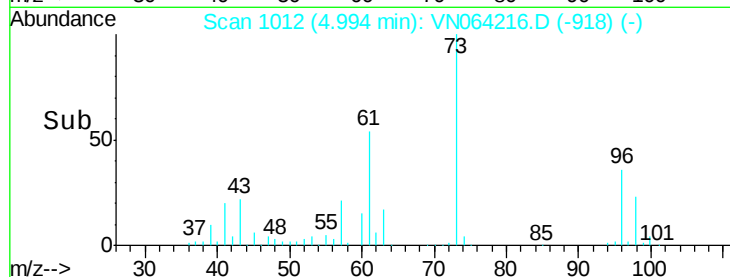
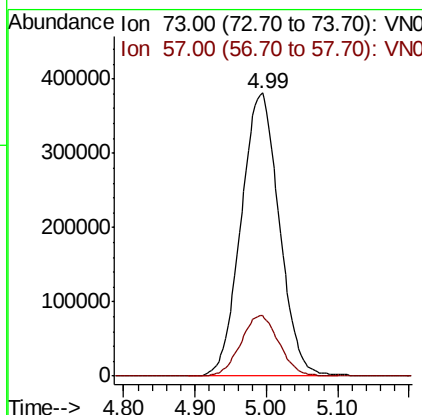
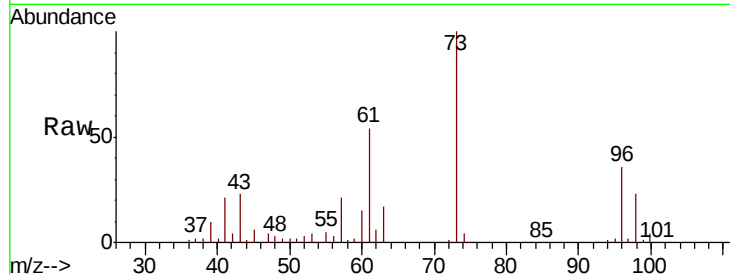




#19
Methvl tert-butvl Ether
Concen: 166.833 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

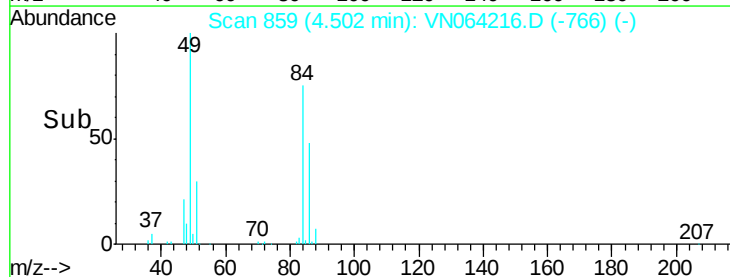
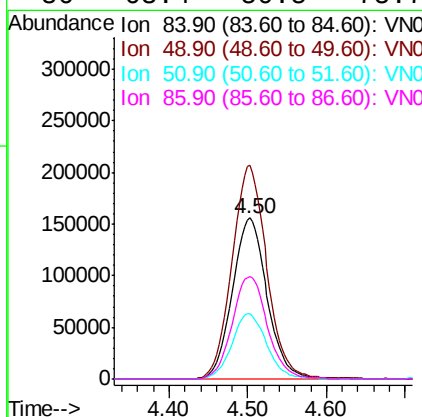
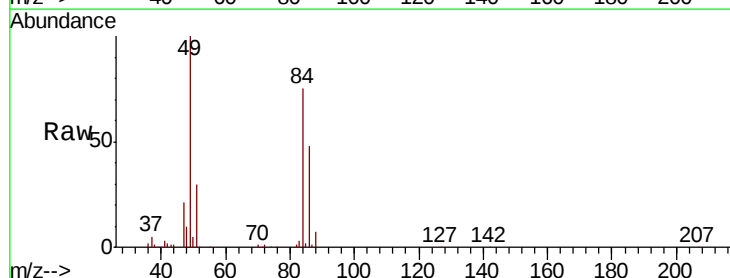
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

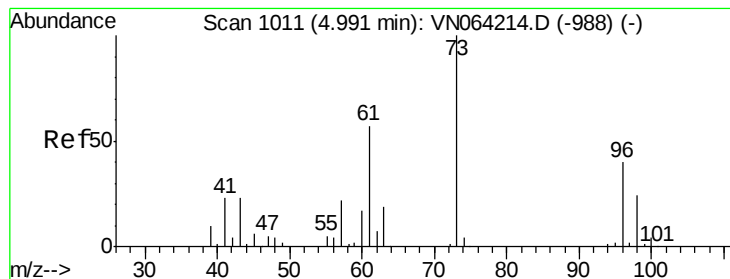
Tot Ion: 73 Resp: 1415315
Ion Ratio Lower Upper
73 100
57 21.3 18.0 27.0



#20
Methylene Chloride
Concen: 130.875 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 84 Resp: 480483
Ion Ratio Lower Upper
84 100
49 132.7 108.5 162.7
51 40.4 33.8 50.8
86 63.4 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 144.591 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

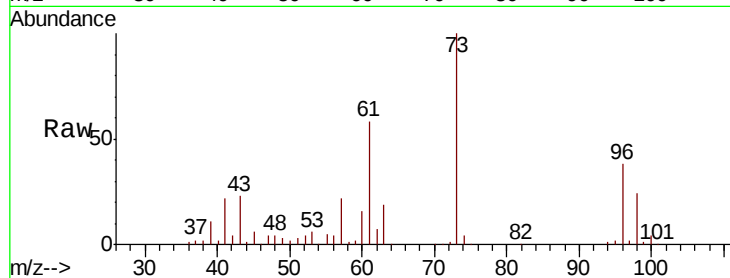
Tot Ion: 96 Resp: 459544

Ion Ratio Lower Upper

96 100

61 152.0 115.8 173.6

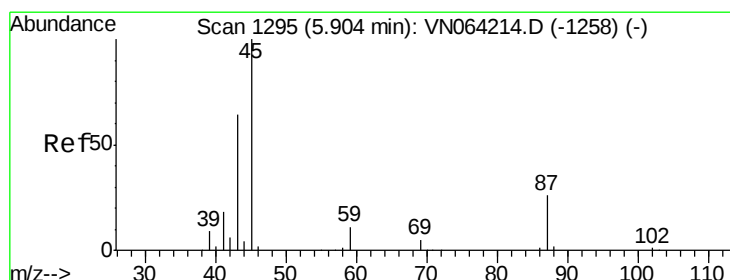
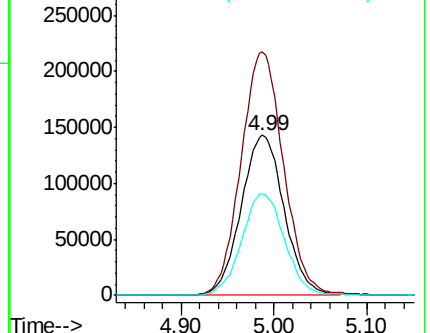
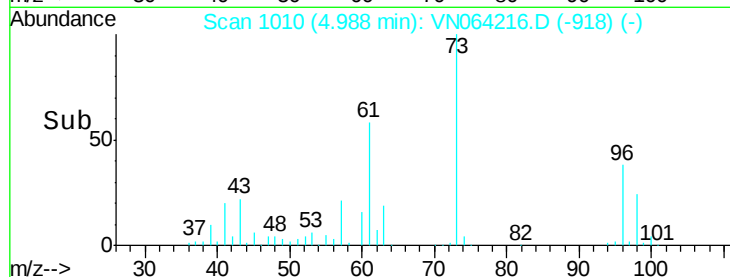
98 63.6 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN064216.D (-988) (-)

Ion 60.90 (60.60 to 61.60): VN064216.D (-988) (-)

Ion 97.90 (97.60 to 98.60): VN064216.D (-988) (-)



#22

Diisopropyl ether

Concen: 172.516 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Tgt Ion: 45 Resp: 1509508

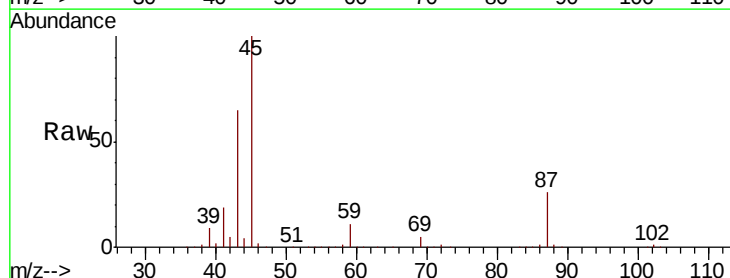
Ion Ratio Lower Upper

45 100

43 64.2 52.2 78.4

87 25.9 21.4 32.0

59 10.9 8.3 12.5

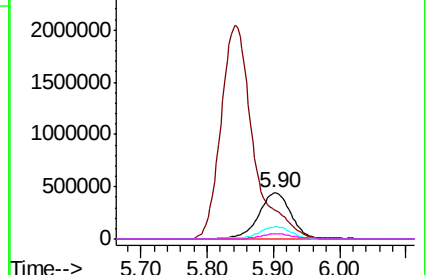
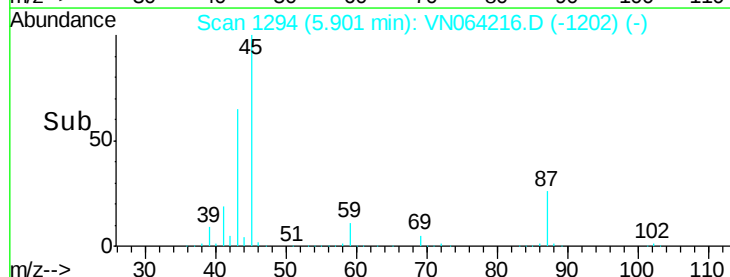


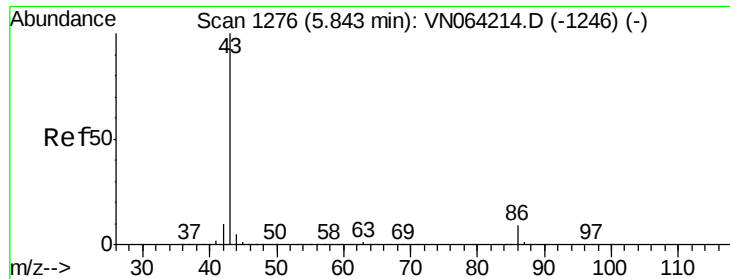
Abundance Ion 45.00 (44.70 to 45.70): VN064216.D (-1258) (-)

Ion 43.00 (42.70 to 43.70): VN064216.D (-1258) (-)

Ion 87.00 (86.70 to 87.70): VN064216.D (-1258) (-)

Ion 59.00 (58.70 to 59.70): VN064216.D (-1258) (-)

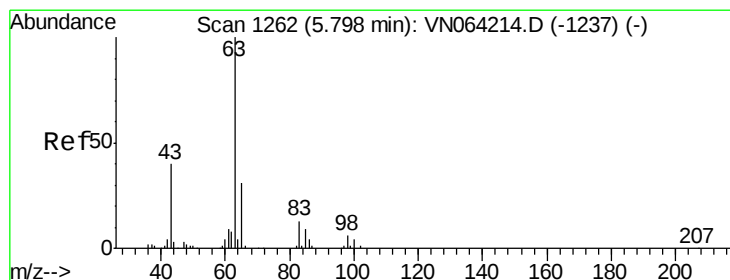
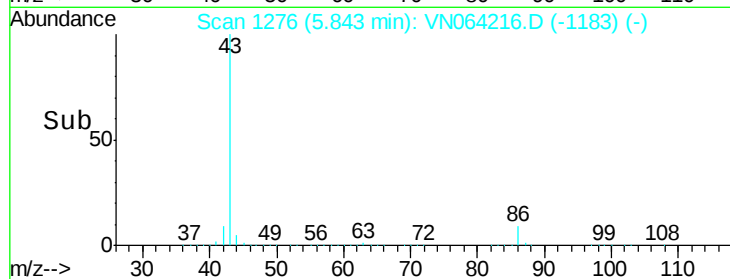
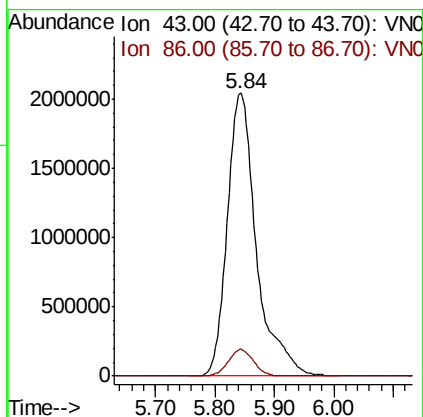
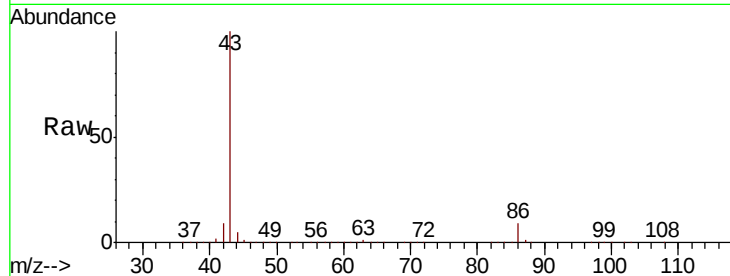




#23
 Vinyl Acetate
 Concen: 888.105 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

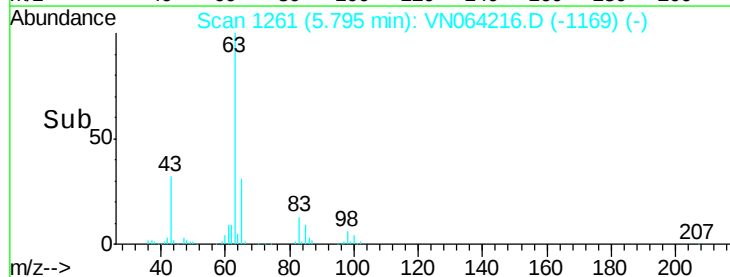
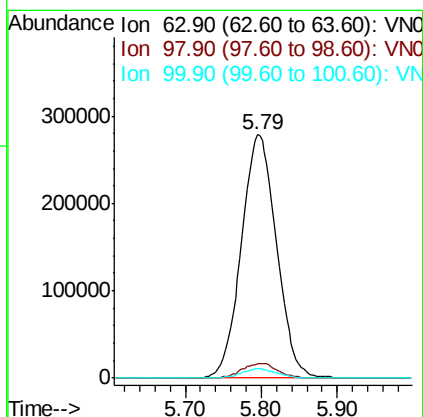
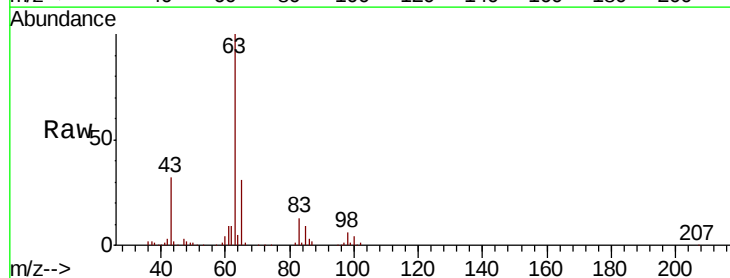
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

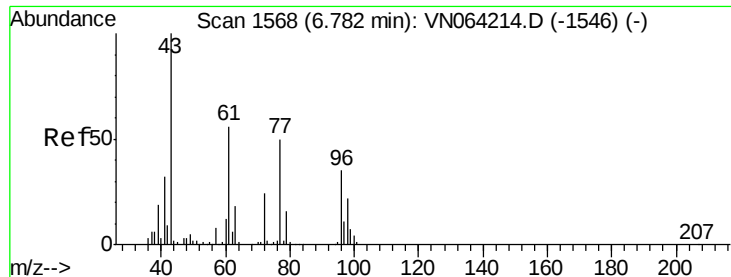
Tot Ion: 43 Resp: 6956121
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 149.749 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion: 63 Resp: 897603
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.7
 100 3.8 2.0 6.0

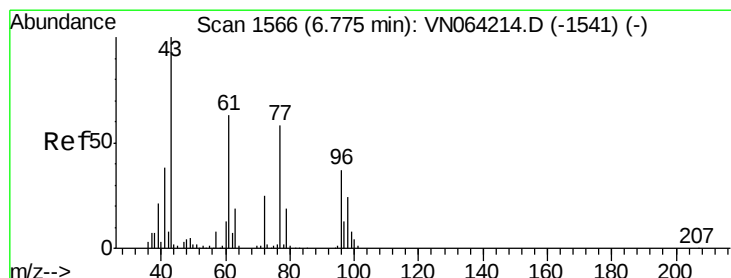
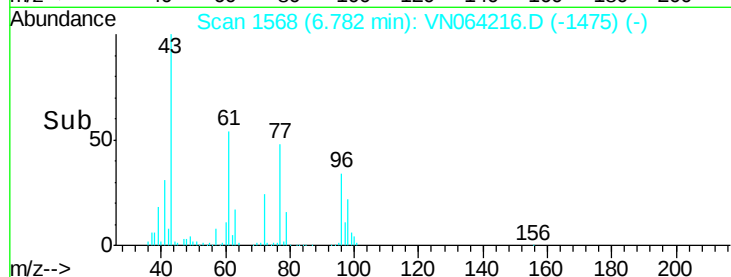
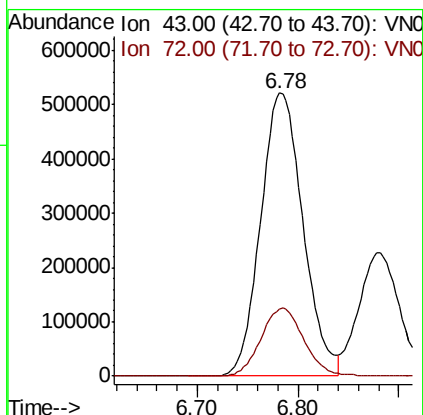
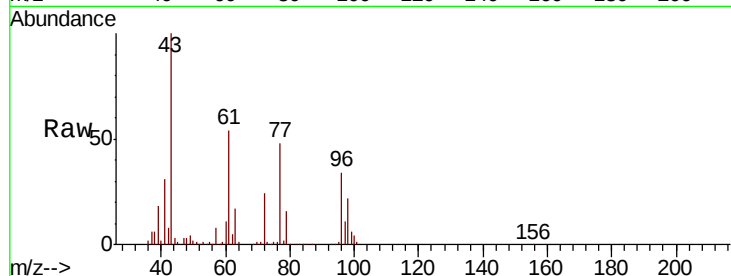




#25
2-Butanone
Concen: 813.242 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

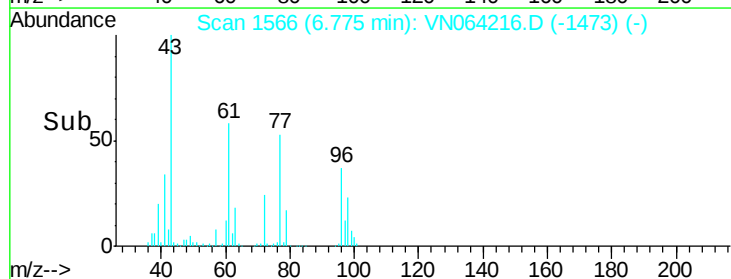
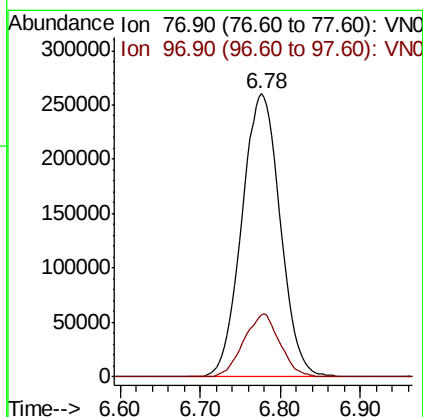
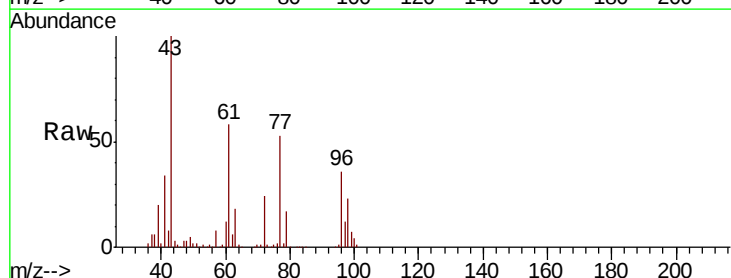
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

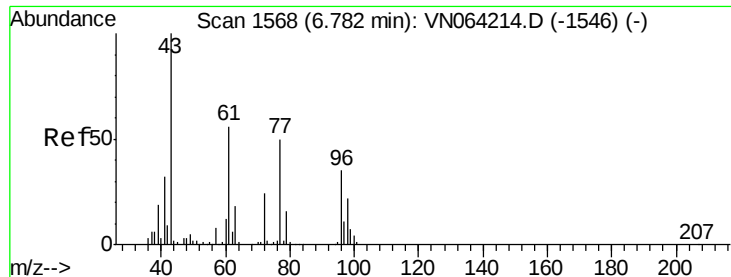
Tot Ion: 43 Resp: 1516442
Ion Ratio Lower Upper
43 100
72 23.7 19.4 29.0



#26
2,2-Dichloropropane
Concen: 164.909 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 77 Resp: 850418
Ion Ratio Lower Upper
77 100
97 21.1 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 143.250 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

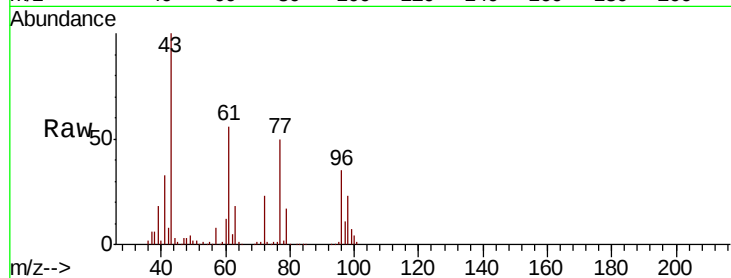
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 534007

Ion	Ratio	Lower	Upper
96	100		
61	160.4	0.0	330.0
98	63.9	0.0	130.6

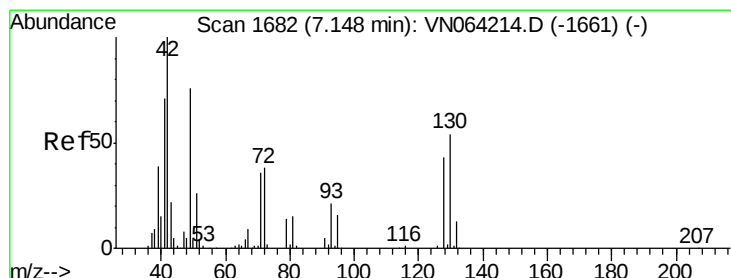
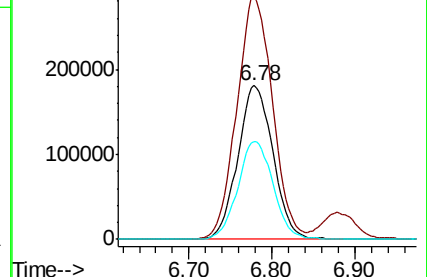
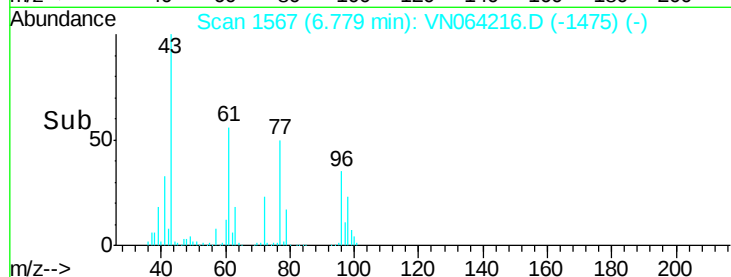


Abundance

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



#28

Bromochloromethane

Concen: 157.339 ug/l

RT: 7.15 min Scan# 1682

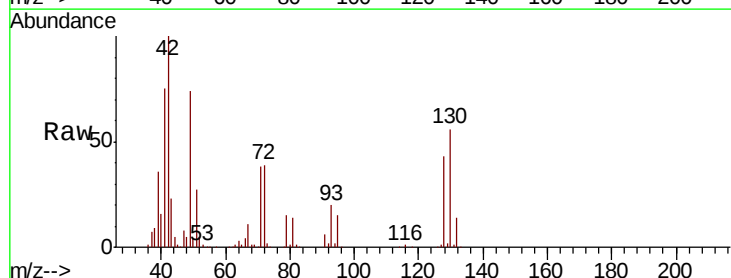
Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Tgt Ion: 49 Resp: 449485

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.8
130	73.6	58.8	88.2

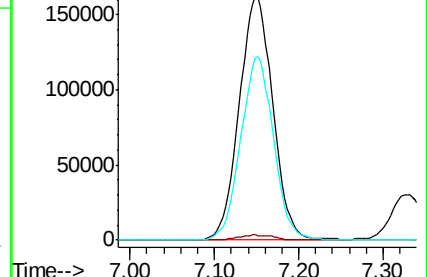
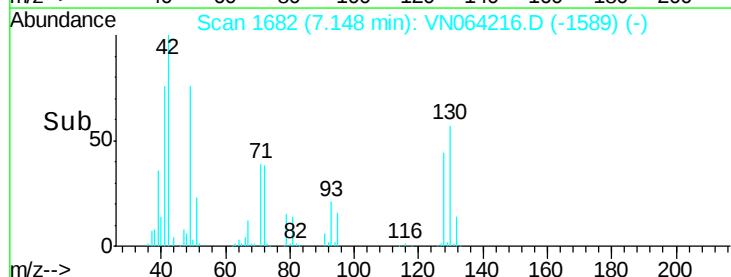


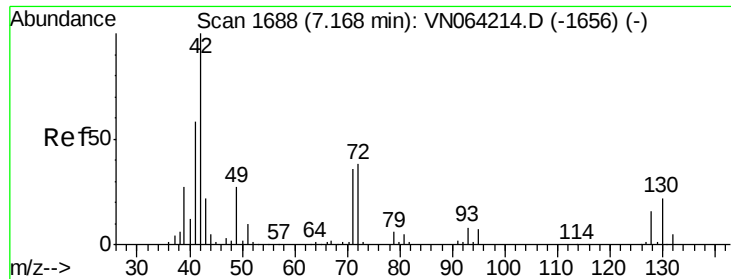
Abundance

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

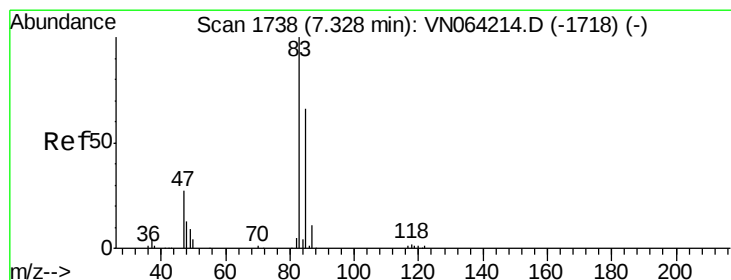
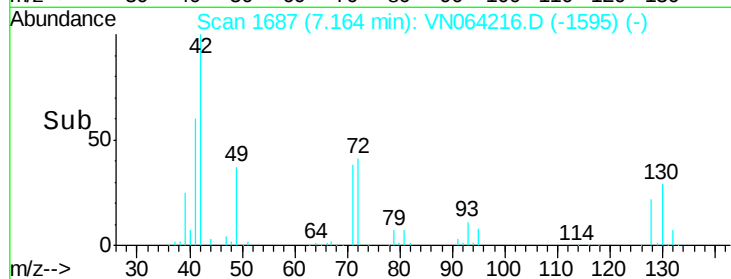
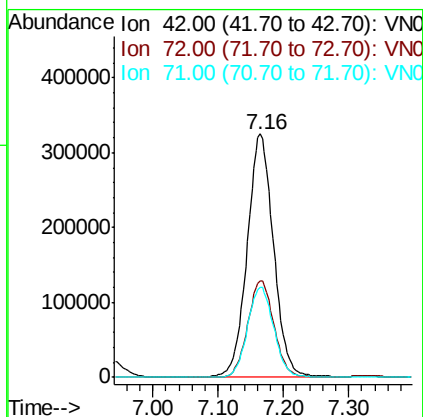
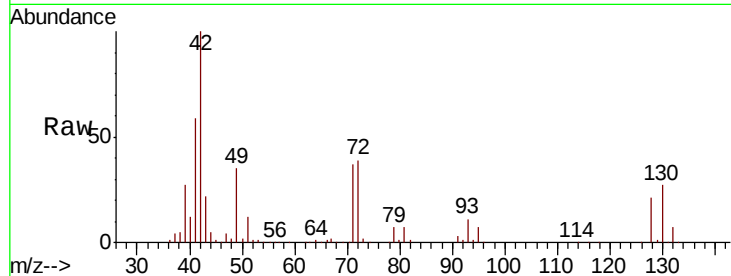




#29
Tetrahydrofuran
Concen: 831.495 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

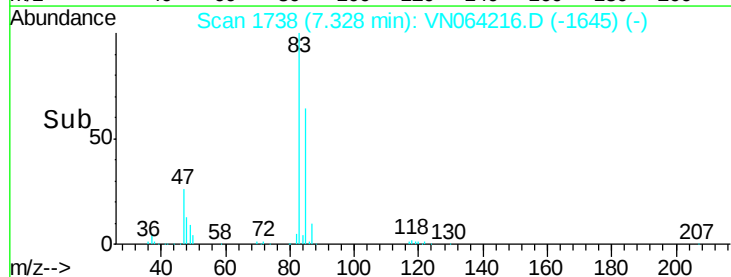
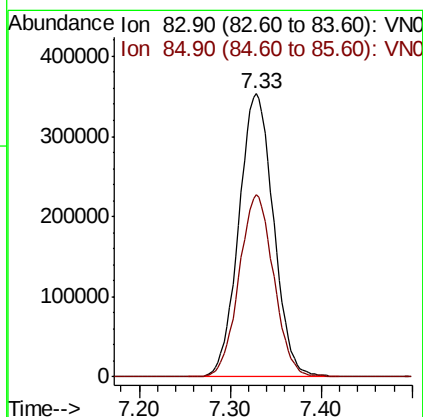
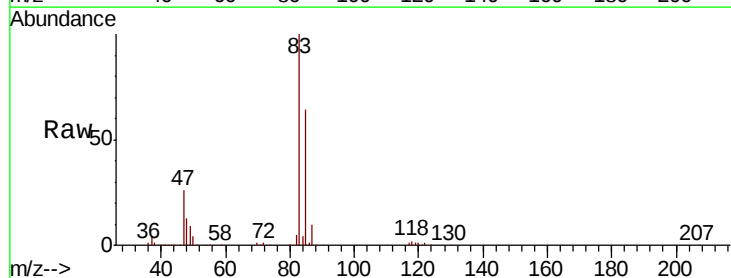
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

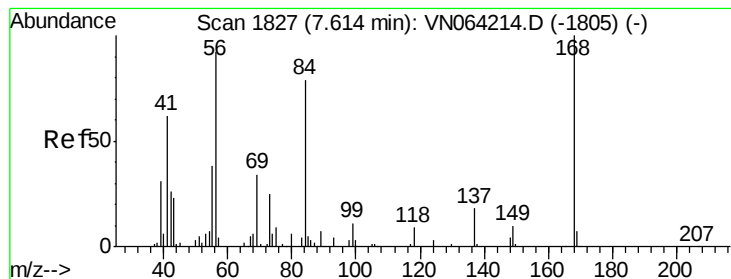
Tot Ion: 42 Resp: 910000
Ion Ratio Lower Upper
42 100
72 39.4 30.8 46.2
71 37.0 29.0 43.6



#30
Chloroform
Concen: 147.310 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 83 Resp: 935559
Ion Ratio Lower Upper
83 100
85 64.5 52.5 78.7





#31

Cyclohexane

Concen: 156.588 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

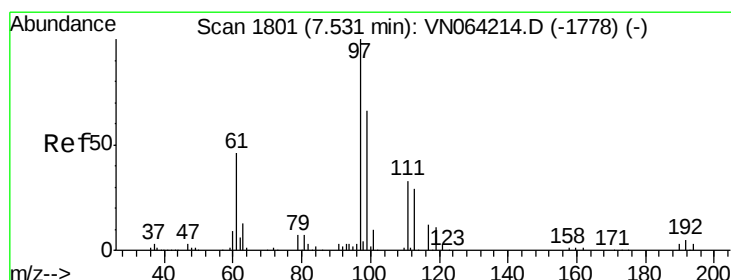
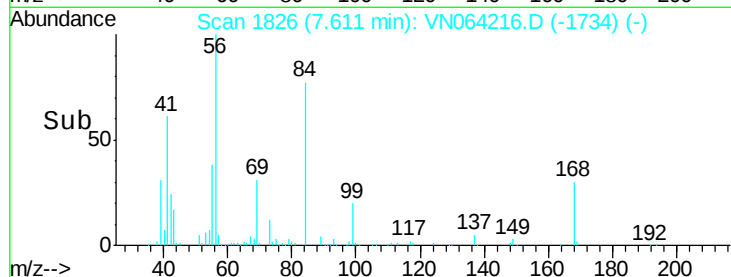
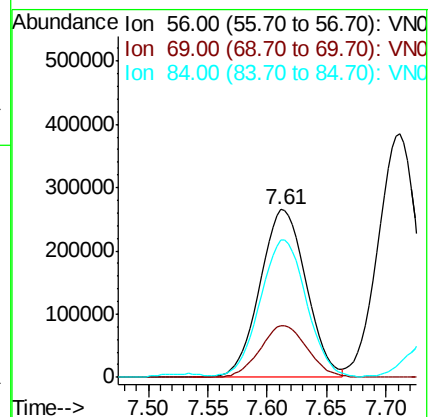
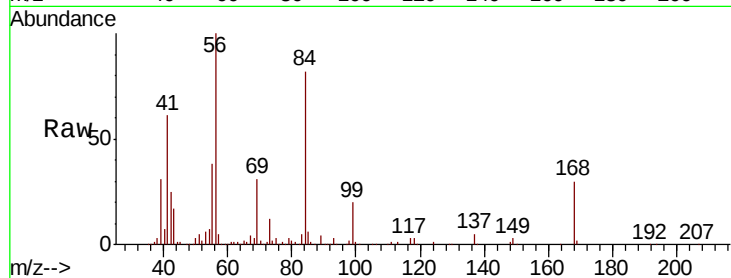
Tot Ion: 56 Resp: 715418

Ion Ratio Lower Upper

56 100

69 31.1 29.8 44.6

84 79.6 68.1 102.1



#32

1,1,1-Trichloroethane

Concen: 159.455 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

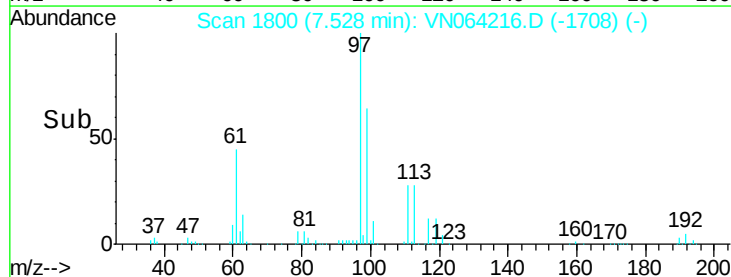
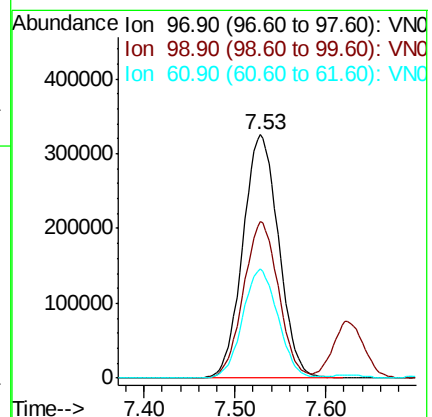
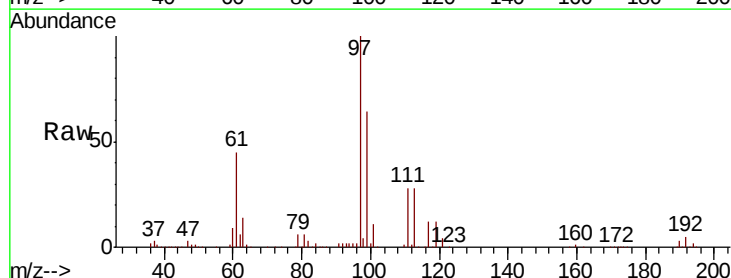
Tgt Ion: 97 Resp: 889212

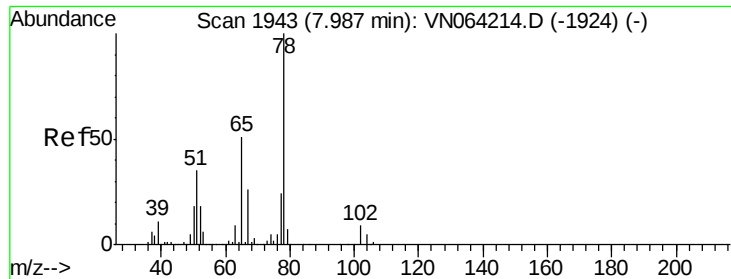
Ion Ratio Lower Upper

97 100

99 63.2 51.2 76.8

61 44.4 36.3 54.5

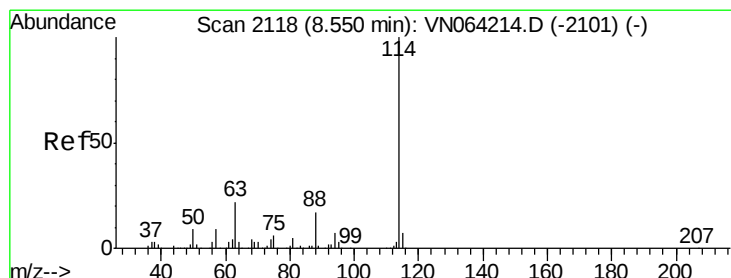
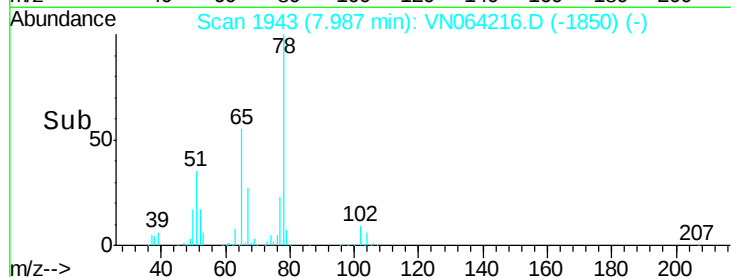
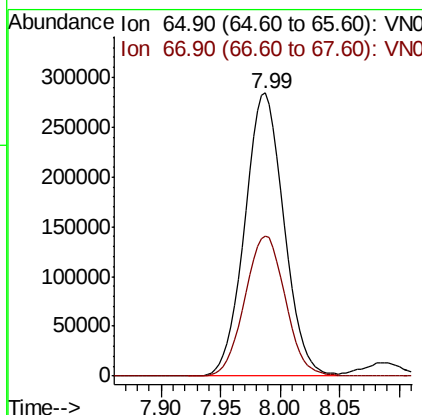
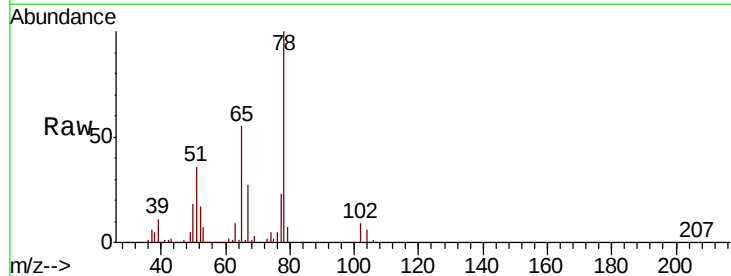




#33
 1,2-Dichloroethane-d4
 Concen: 157.953 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

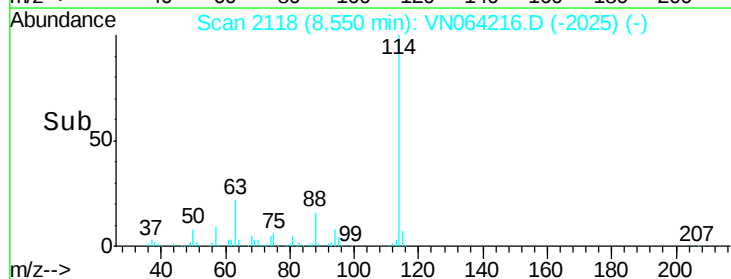
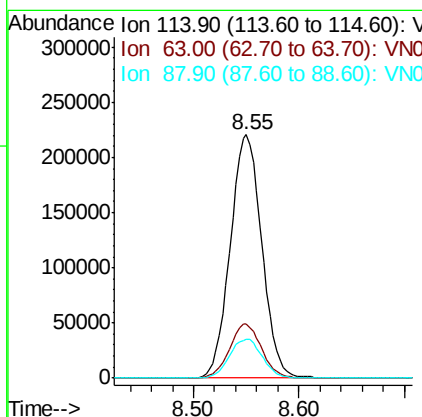
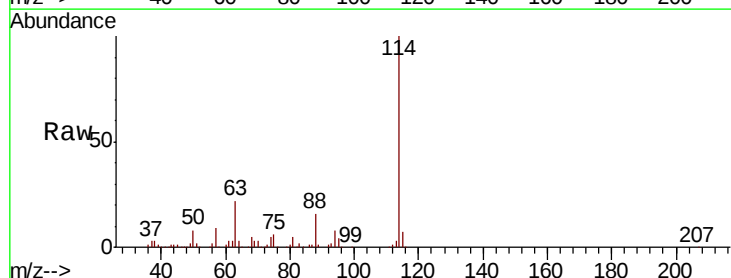
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

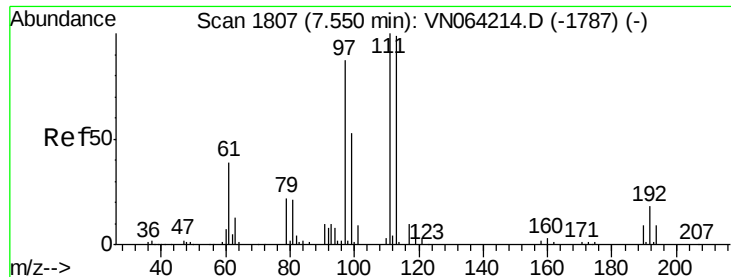
Tot Ion: 65 Resp: 649269
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion: 114 Resp: 457125
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 16.2 0.0 34.2

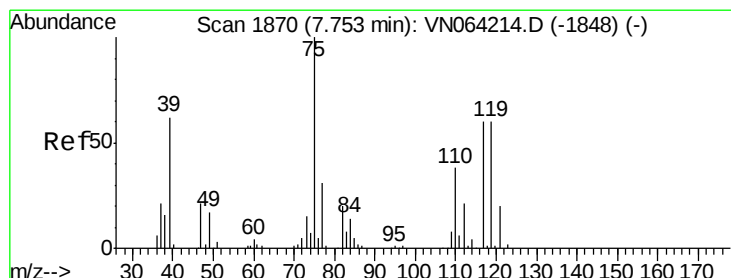
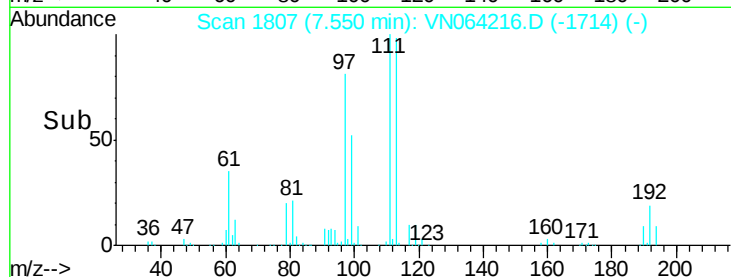
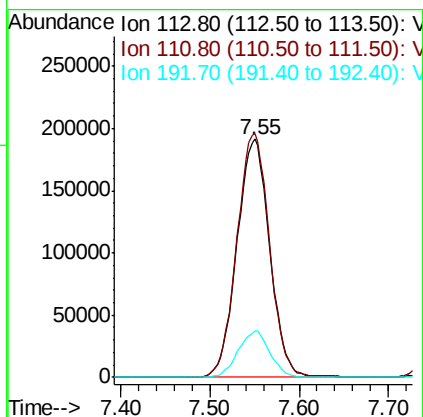
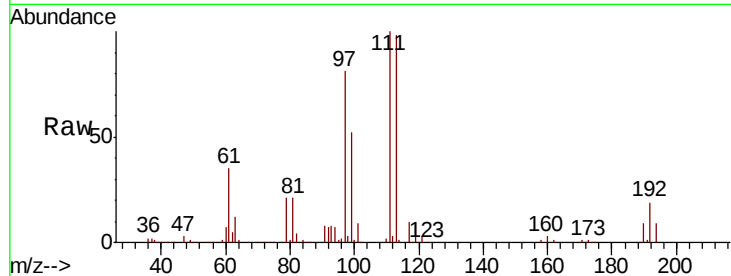




#35
 Dibromofluoromethane
 Concen: 154.365 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

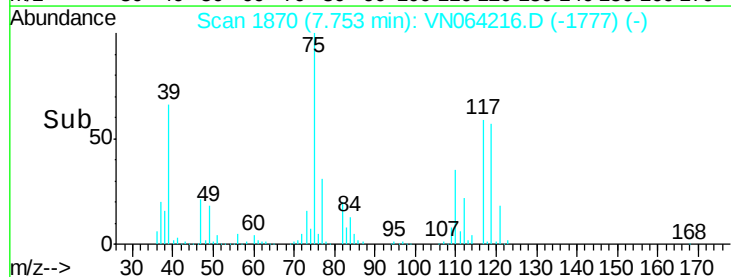
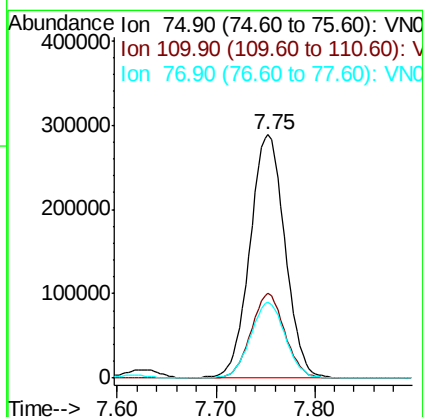
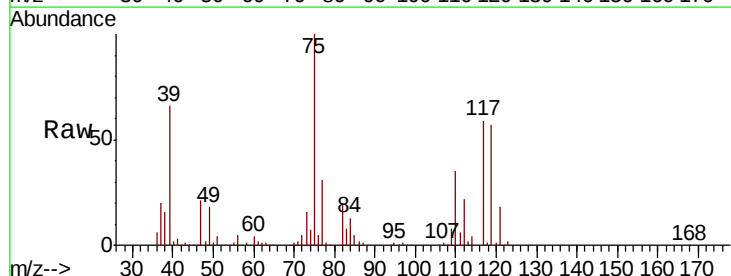
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

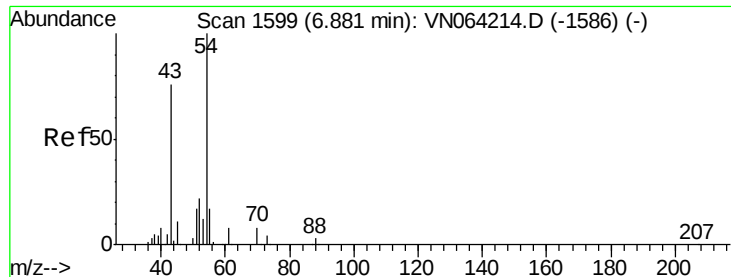
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	84.2	126.2
192	19.0	15.2	22.8



#36
 1,1-Dichloropropene
 Concen: 158.571 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	17.2	51.6
77	30.9	24.9	37.3

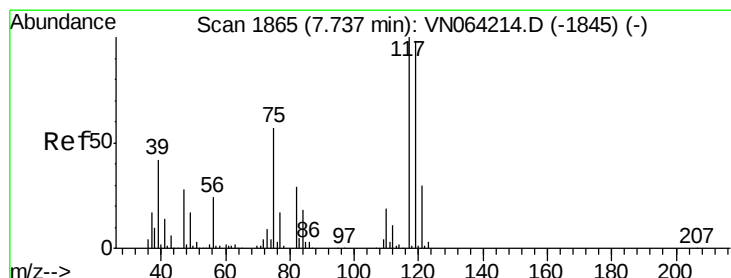
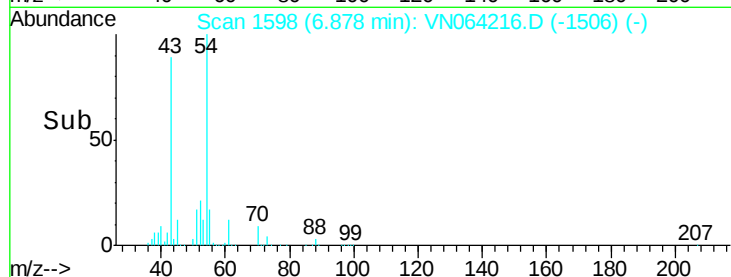
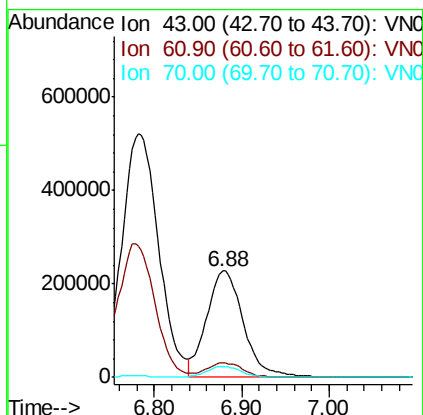
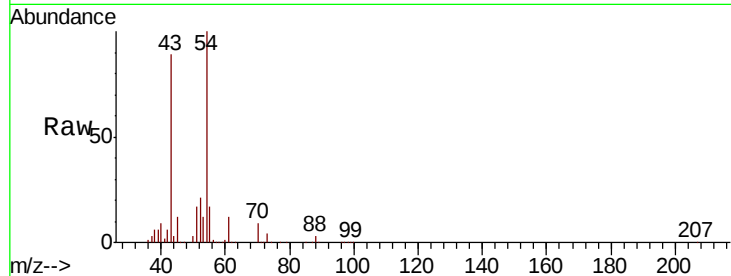




#37
Ethyl Acetate
Concen: 165.875 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

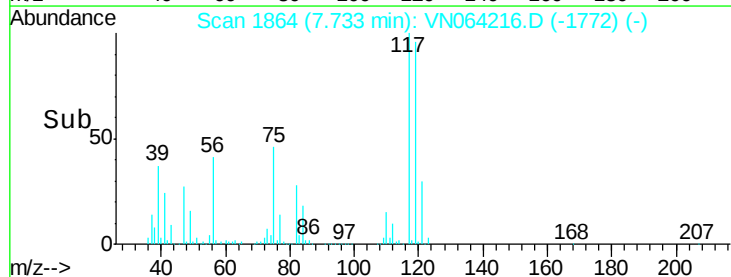
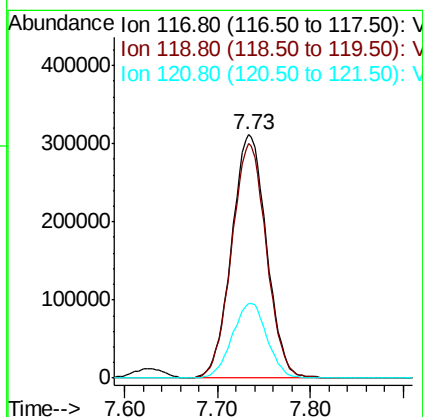
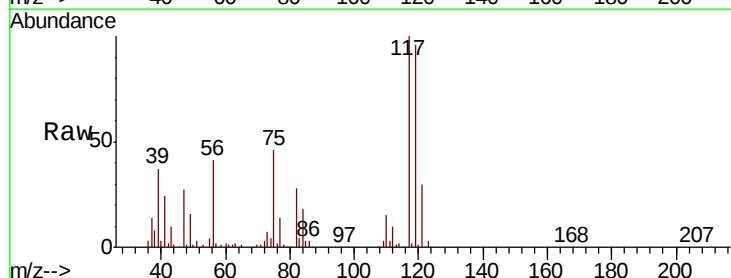
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

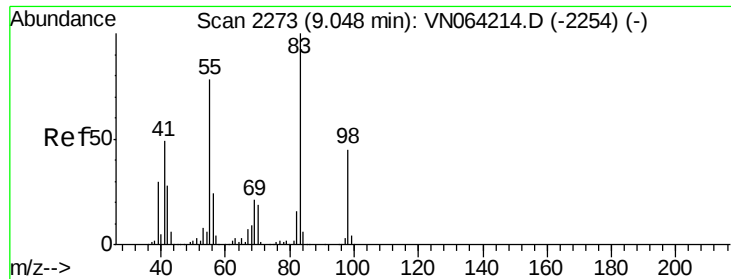
Tot Ion: 43 Resp: 657859
Ion Ratio Lower Upper
43 100
61 13.6 10.0 15.0
70 9.6 7.5 11.3



#38
Carbon Tetrachloride
Concen: 166.584 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 117 Resp: 809049
Ion Ratio Lower Upper
117 100
119 96.5 78.5 117.7
121 30.6 24.3 36.5

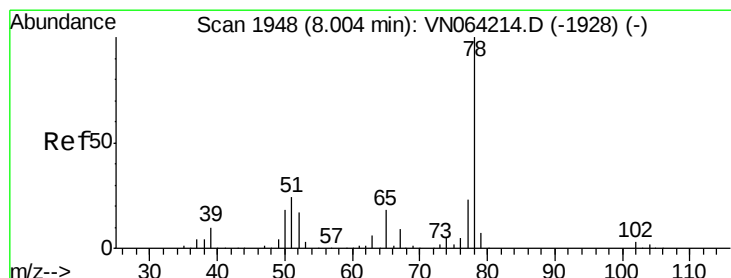
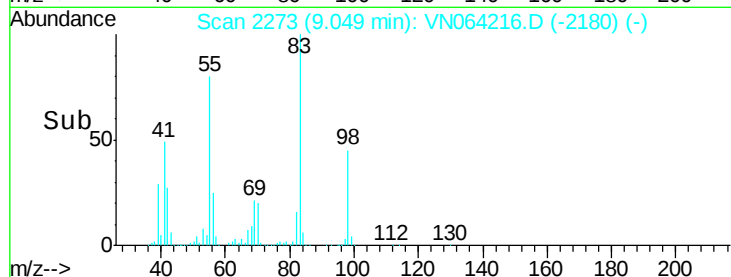
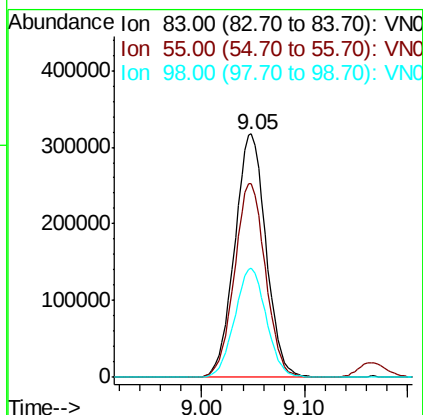
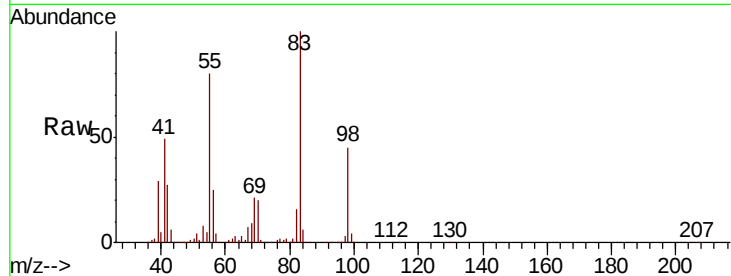




#39
Methvlcvclohexane
Concen: 176.925 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

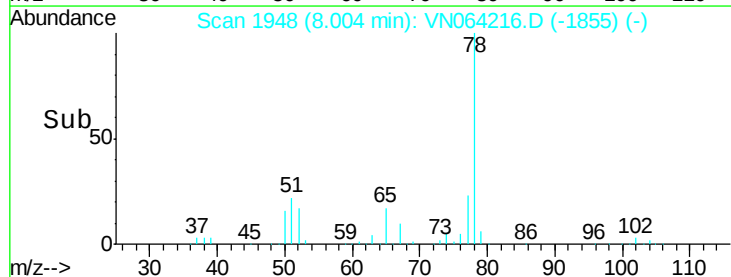
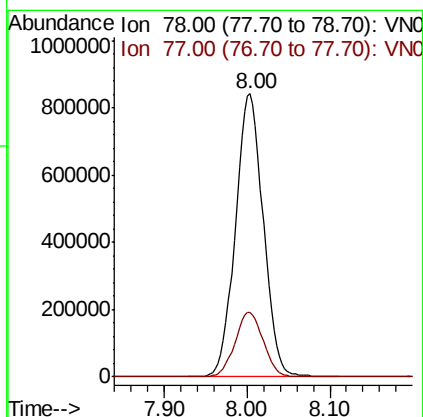
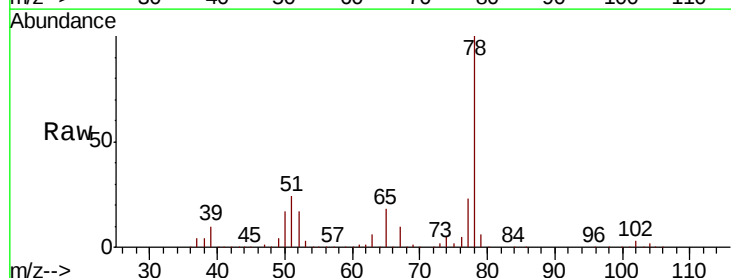
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

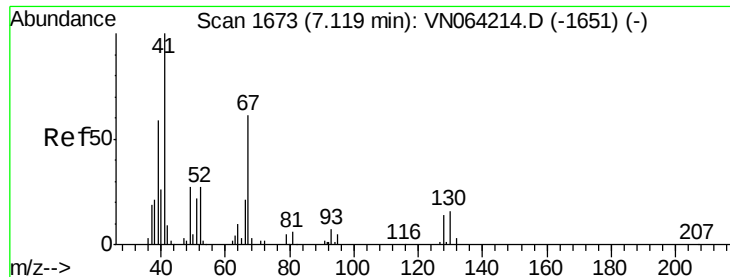
Tot Ion: 83 Resp: 670252
Ion Ratio Lower Upper
83 100
55 79.6 62.2 93.2
98 44.9 35.9 53.9



#40
Benzene
Concen: 148.739 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 78 Resp: 1970372
Ion Ratio Lower Upper
78 100
77 22.7 18.3 27.5

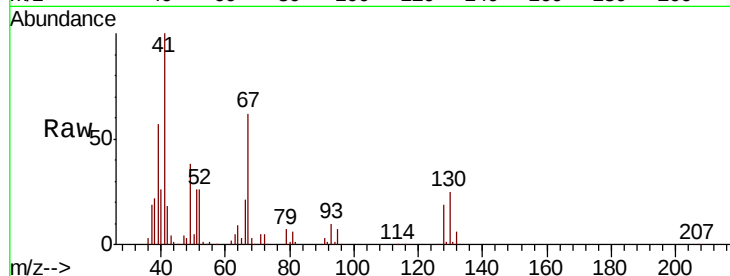




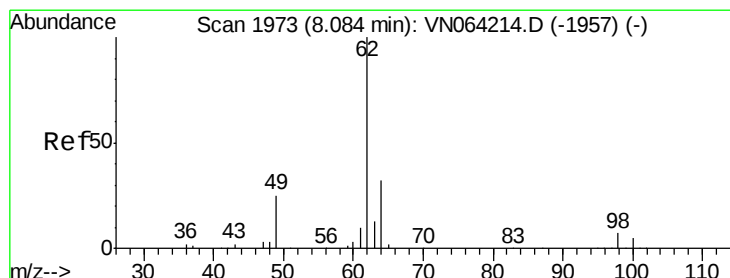
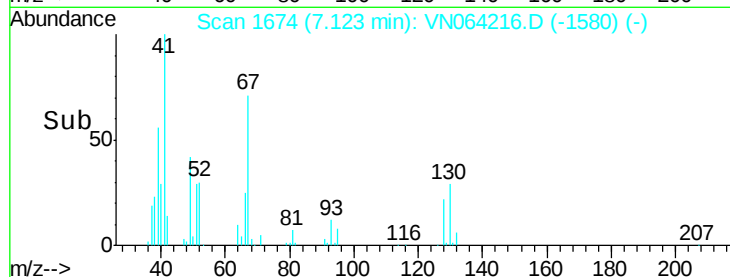
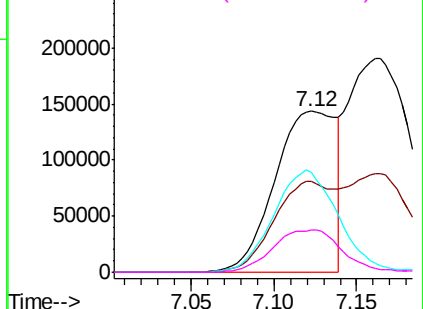
#41
Methacrylonitrile
Concen: 212.496 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampled :
VSTDICC150

Tot Ion:	41	Resp:	368253
Ion	Ratio	Lower	Upper
41	100		
39	51.8	50.5	75.7
67	67.2	63.2	94.8
52	29.3	29.3	43.9#

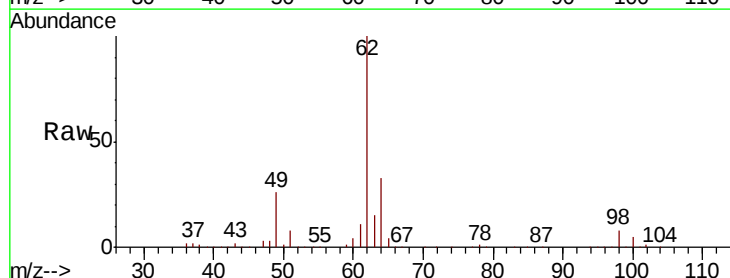


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

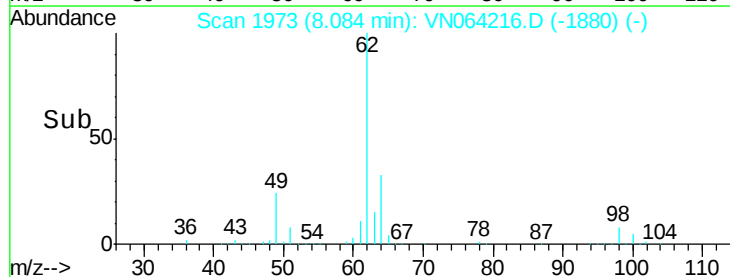
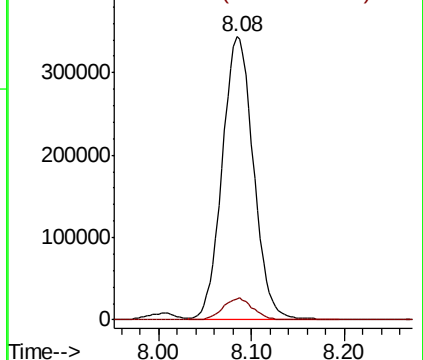


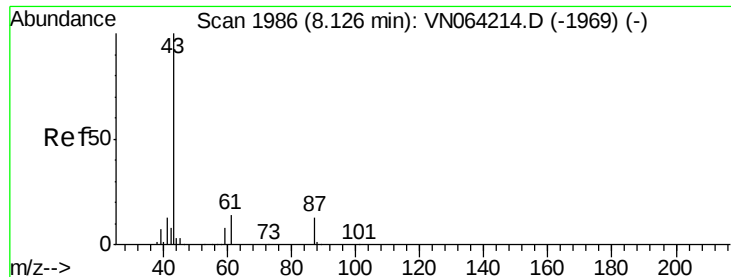
#42
1,2-Dichloroethane
Concen: 164.888 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion:	62	Resp:	799507
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.0



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

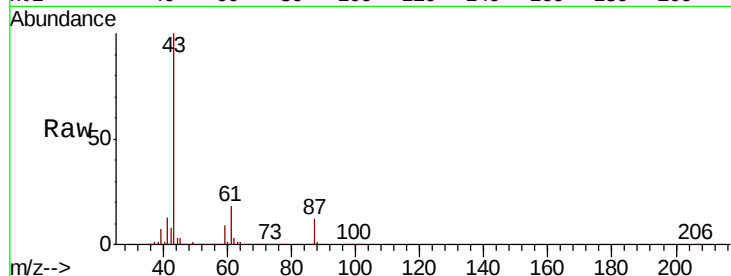




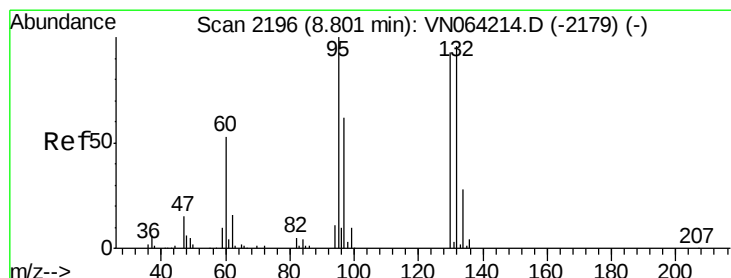
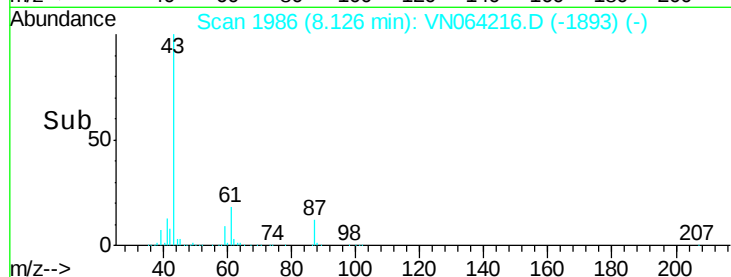
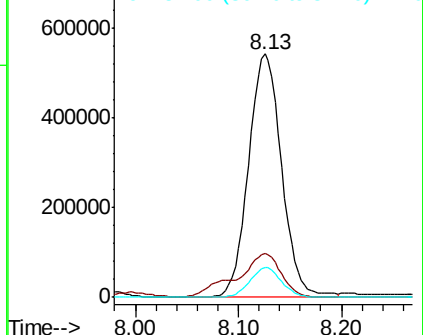
#43
Isopropyl Acetate
Concen: 179.624 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1205948
Ion Ratio Lower Upper
43 100
61 24.2 19.6 29.4
87 11.8 9.8 14.6

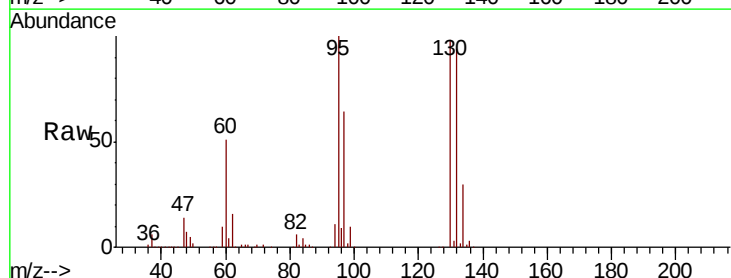


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

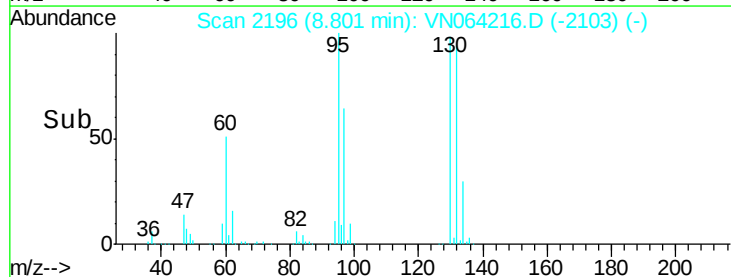
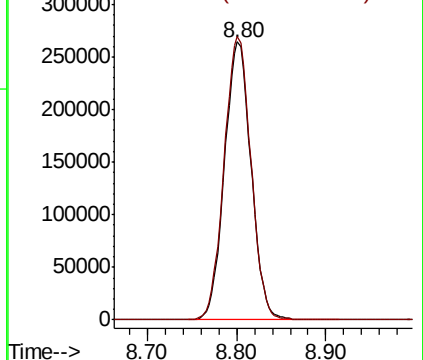


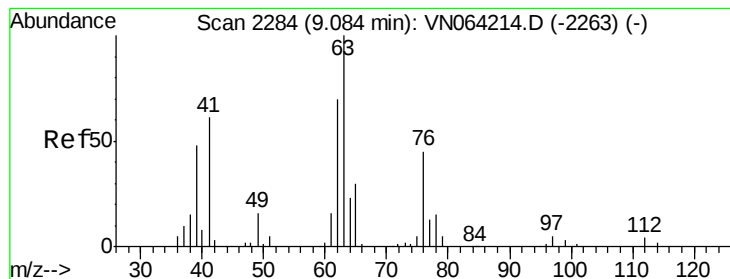
#44
Trichloroethene
Concen: 156.016 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion:130 Resp: 546176
Ion Ratio Lower Upper
130 100
95 101.8 0.0 214.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 149.105 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

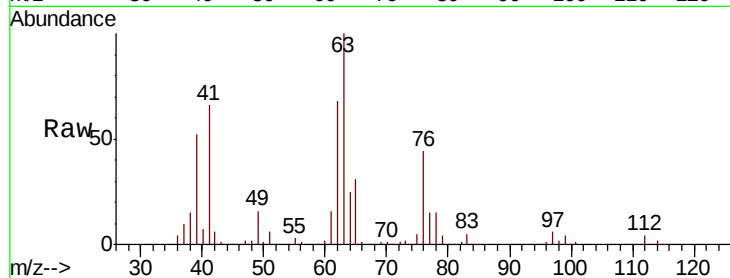
VSTDIC150

Tot Ion: 63 Resp: 522188

Ion Ratio Lower Upper

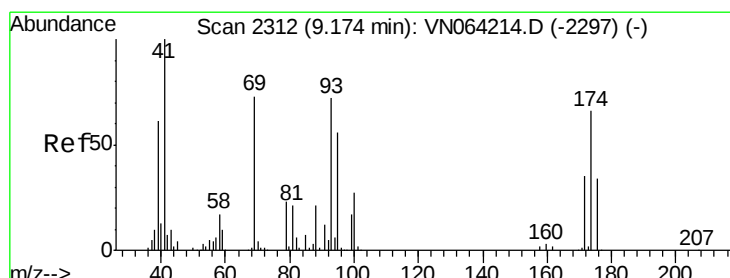
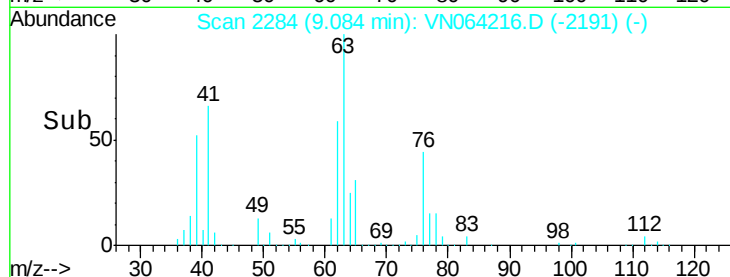
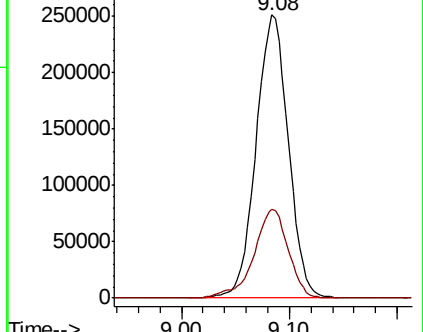
63 100

65 31.3 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VN064216.D (-2191) (-)

Ion 64.90 (64.60 to 65.60): VN064216.D (-2191) (-)



#46

Dibromomethane

Concen: 144.255 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

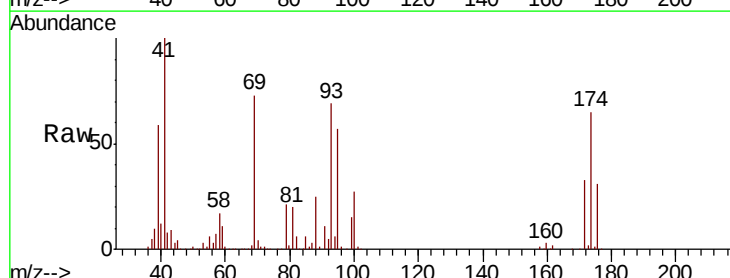
Tgt Ion: 93 Resp: 357400

Ion Ratio Lower Upper

93 100

95 83.1 63.0 94.4

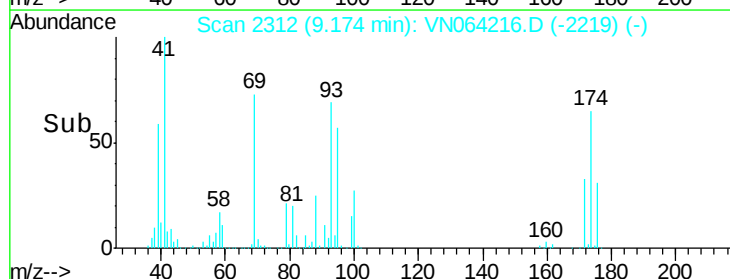
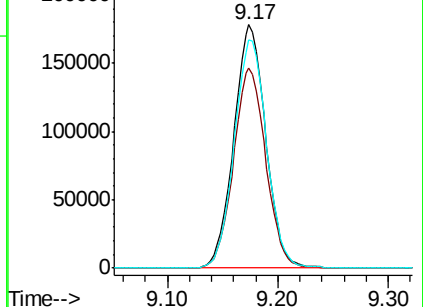
174 95.4 72.9 109.3

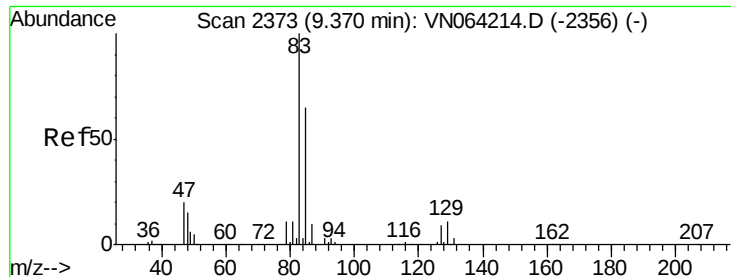


Abundance Ion 92.80 (92.50 to 93.50): VN064216.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN064216.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN064216.D (-2219) (-)





#47

Bromodichloromethane

Concen: 160.617 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

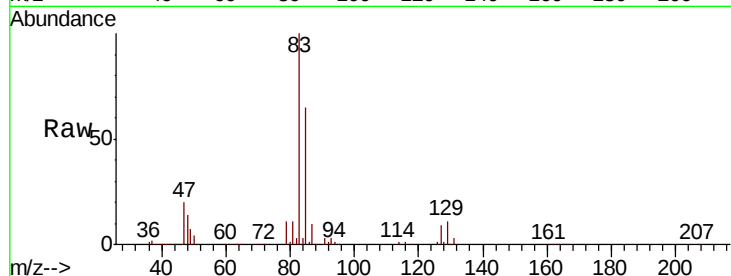
Tot Ion: 83 Resp: 786842

Ion Ratio Lower Upper

83 100

85 64.9 51.8 77.8

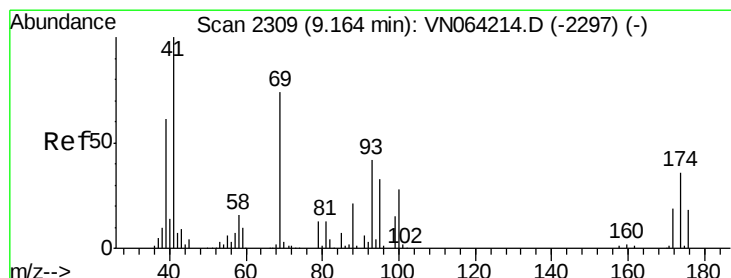
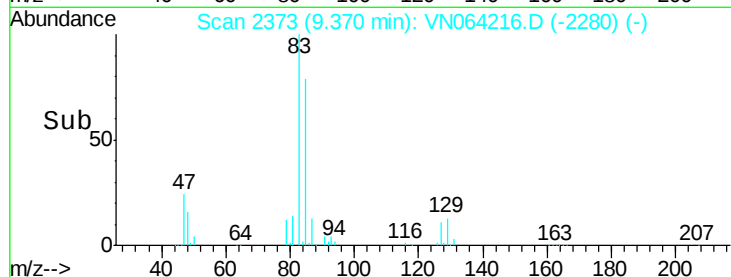
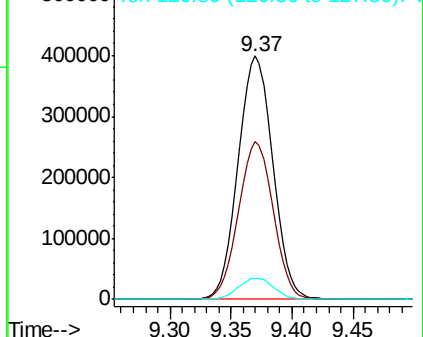
127 8.8 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN064216.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064216.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064216.D (-2280) (-)



#48

Methyl methacrylate

Concen: 195.038 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

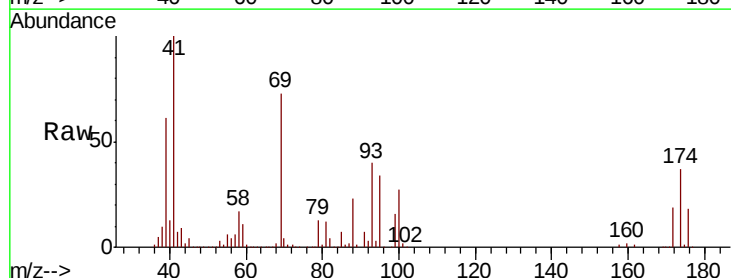
Tgt Ion: 41 Resp: 613454

Ion Ratio Lower Upper

41 100

69 72.8 57.3 85.9

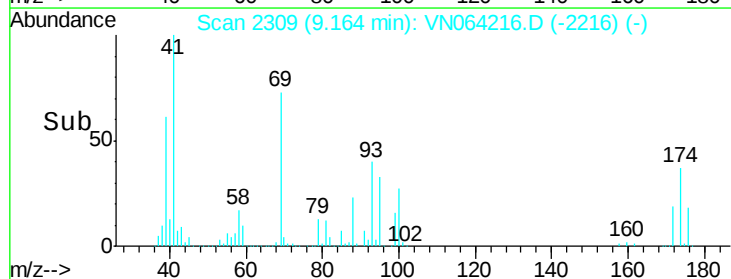
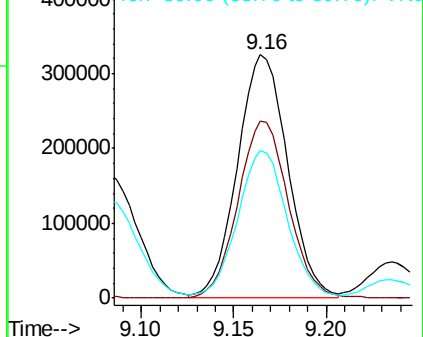
39 60.2 48.6 73.0

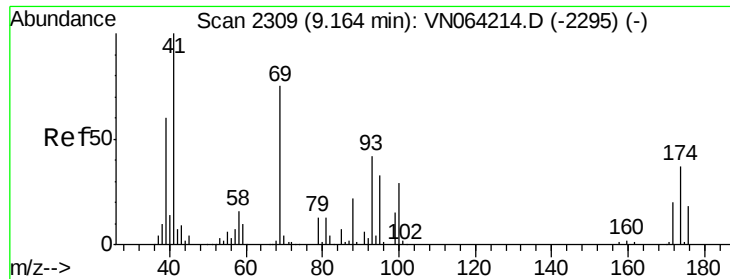


Abundance Ion 41.00 (40.70 to 41.70): VN064216.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064216.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064216.D (-2216) (-)





#49

1,4-Dioxane

Concen: 3326.962 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

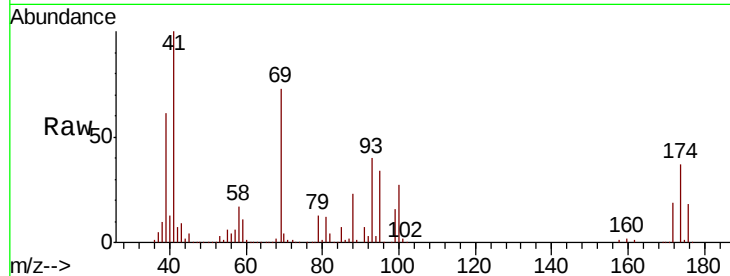
Tot Ion: 88 Resp: 153527

Ion Ratio Lower Upper

88 100

43 37.2 34.6 52.0

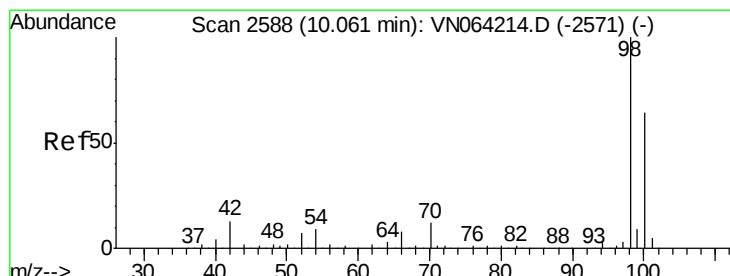
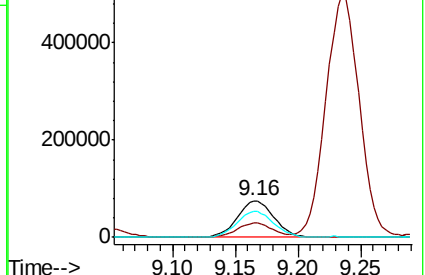
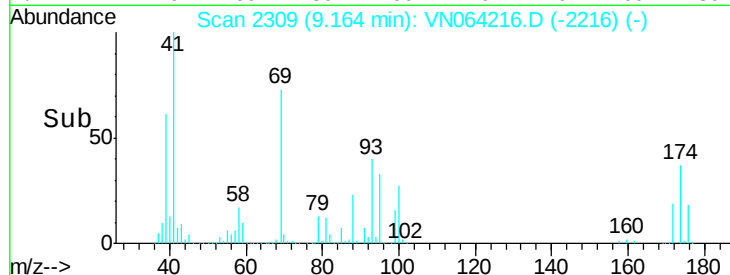
58 71.8 59.0 88.6



Abundance Ion 88.00 (87.70 to 88.70): VN064216.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN064216.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN064216.D (-2216) (-)



#50

Toluene-d8

Concen: 149.655 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064216.D

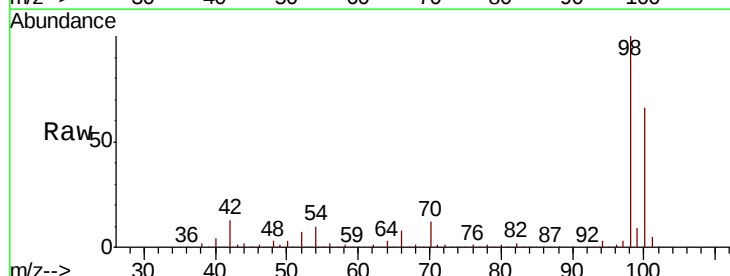
Acq: 21 Oct 2020 12:32

Tgt Ion: 98 Resp: 1778955

Ion Ratio Lower Upper

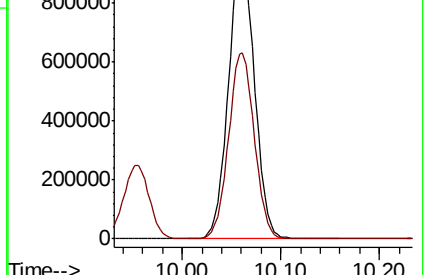
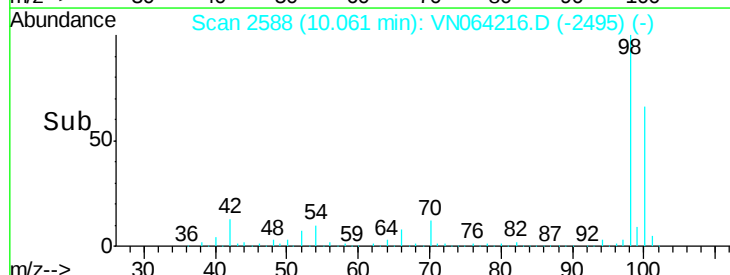
98 100

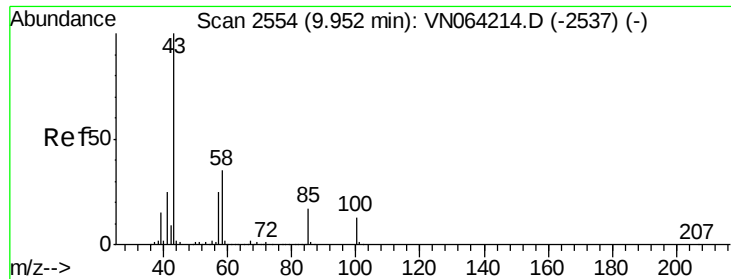
100 64.7 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN064216.D (-2495) (-)

Ion 100.00 (99.70 to 100.70): VN064216.D (-2495) (-)





#51

4-Methyl-2-Pentanone

Concen: 845.782 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

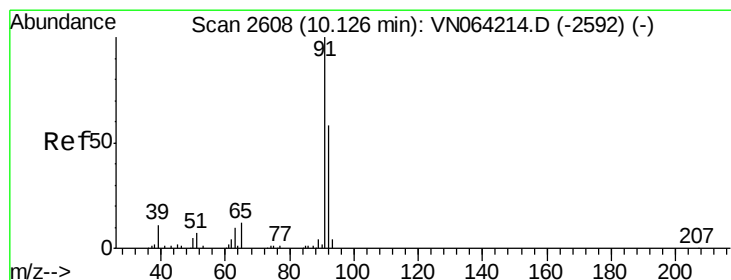
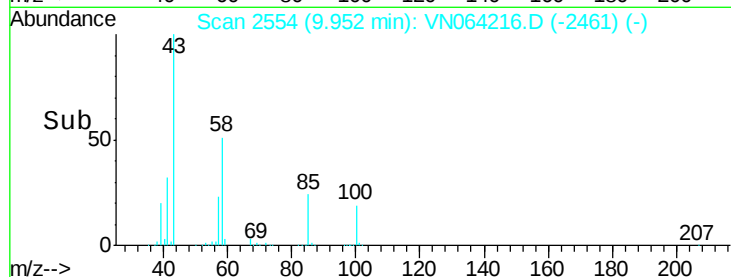
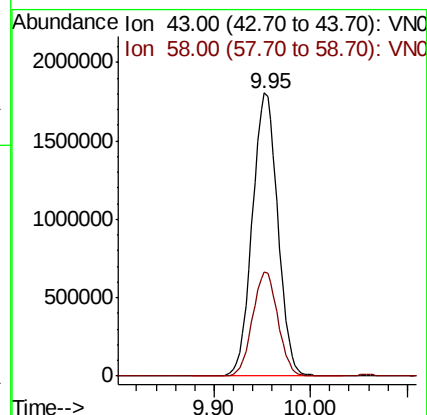
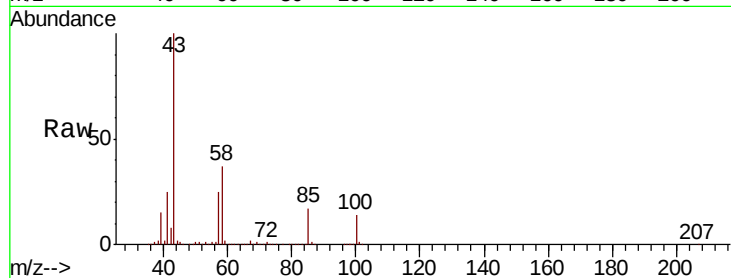
VSTDIC150

Tot Ion: 43 Resp: 3296724

Ion Ratio Lower Upper

43 100

58 36.6 28.6 42.8



#52

Toluene

Concen: 156.175 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064216.D

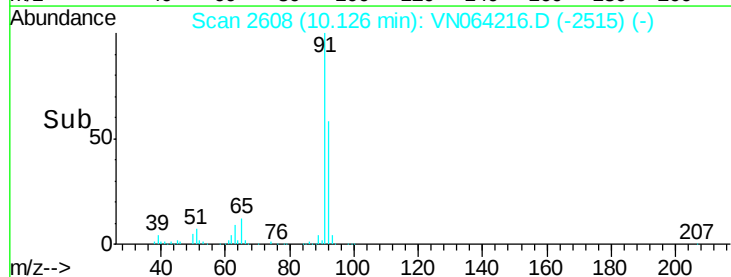
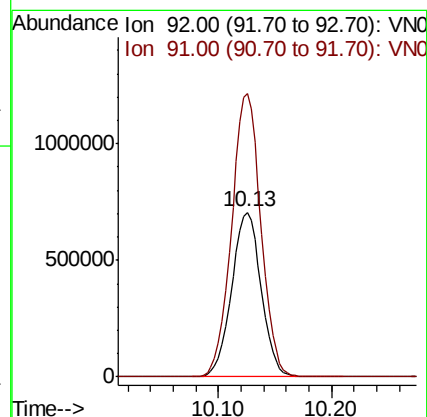
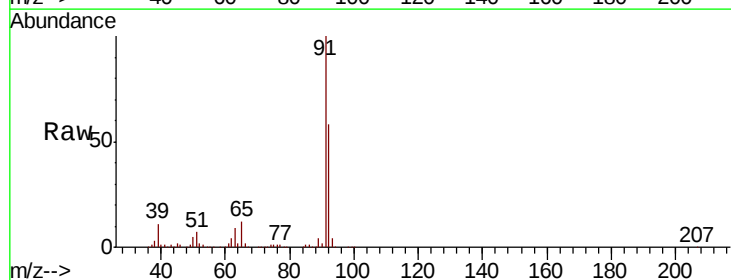
Acq: 21 Oct 2020 12:32

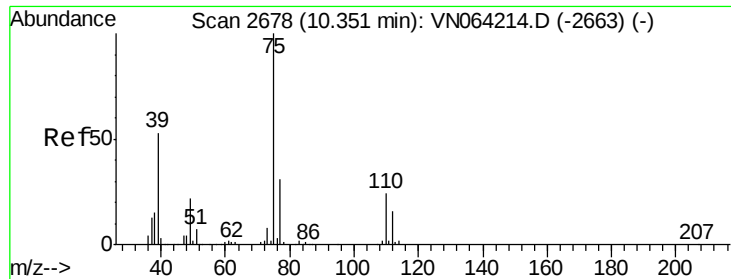
Tgt Ion: 92 Resp: 1273656

Ion Ratio Lower Upper

92 100

91 171.6 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 178.468 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

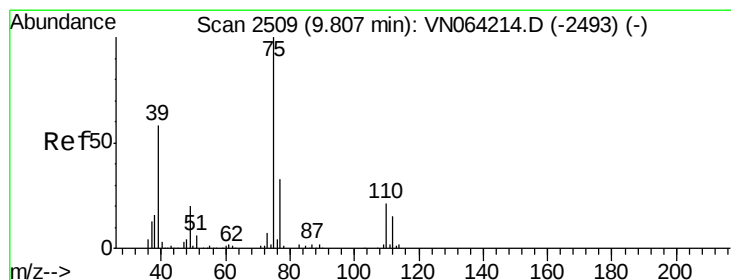
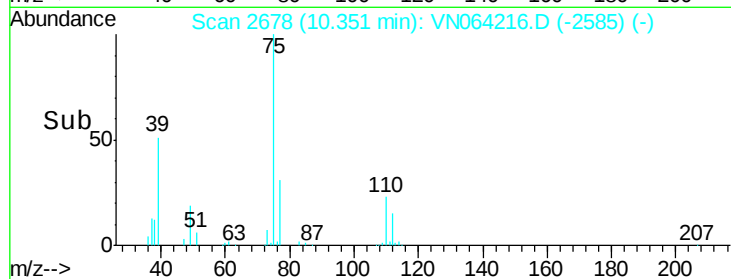
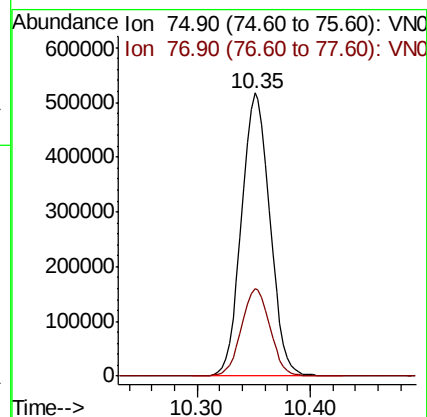
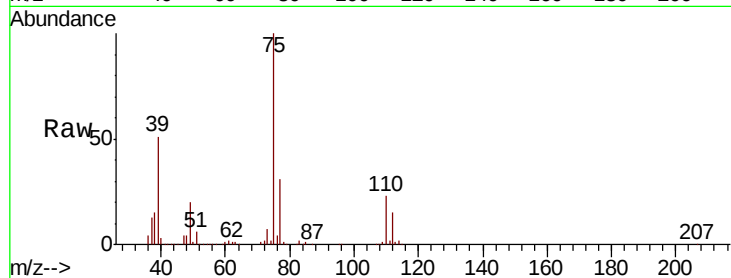
VSTDIC150

Tot Ion: 75 Resp: 907917

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 166.707 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

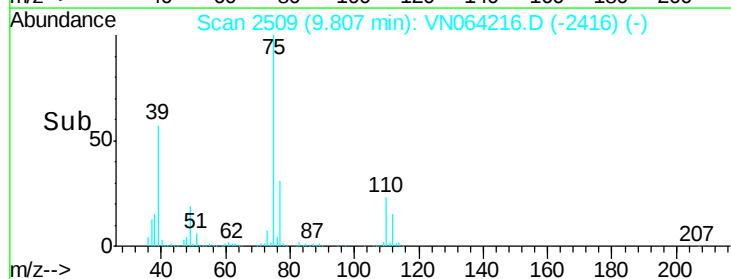
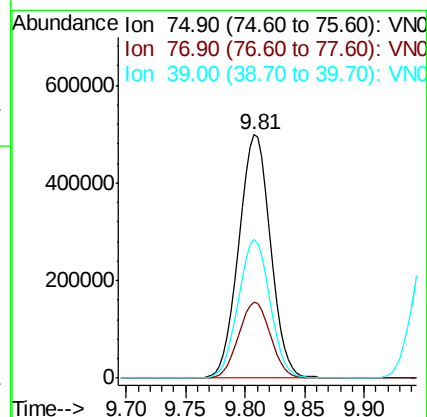
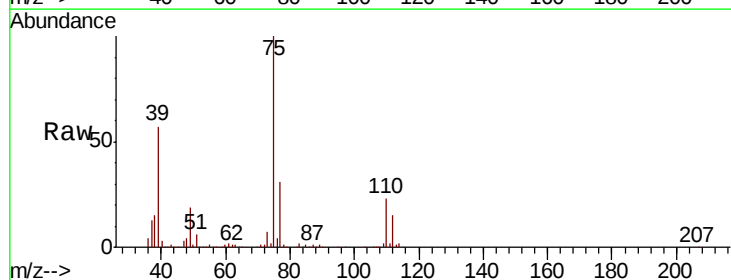
Tgt Ion: 75 Resp: 924748

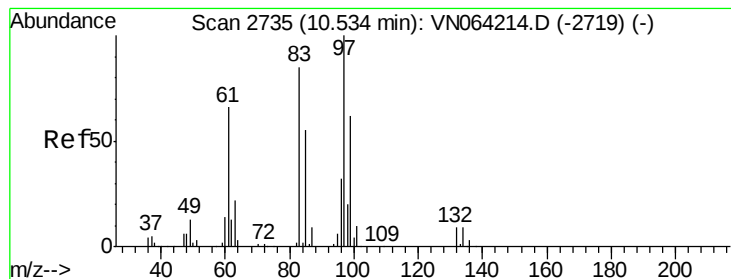
Ion Ratio Lower Upper

75 100

77 31.1 26.6 39.8

39 56.9 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 145.680 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 489963

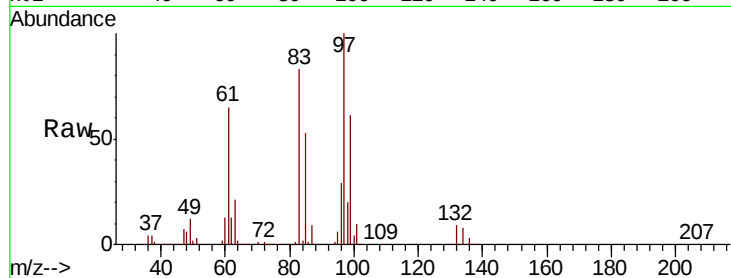
Ion Ratio Lower Upper

97 100

83 82.6 67.8 101.6

85 53.4 43.6 65.4

99 60.9 49.9 74.9



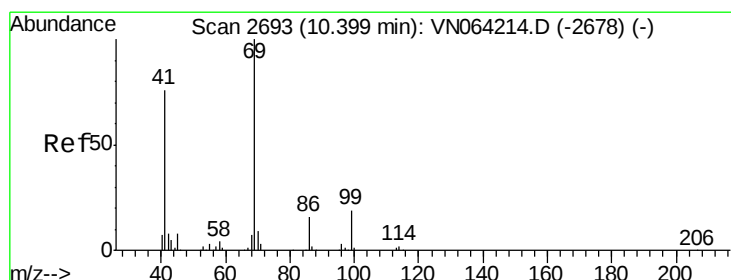
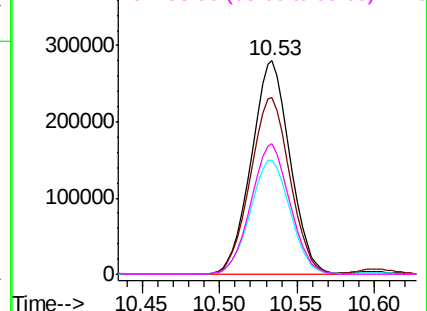
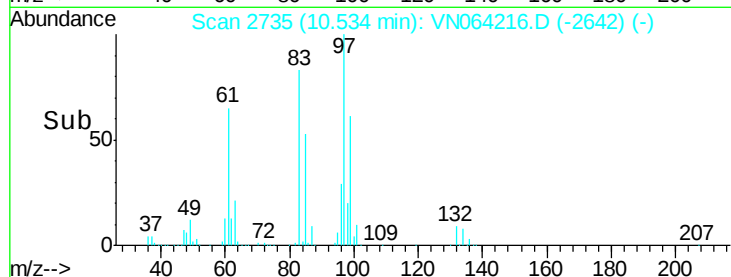
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 176.127 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

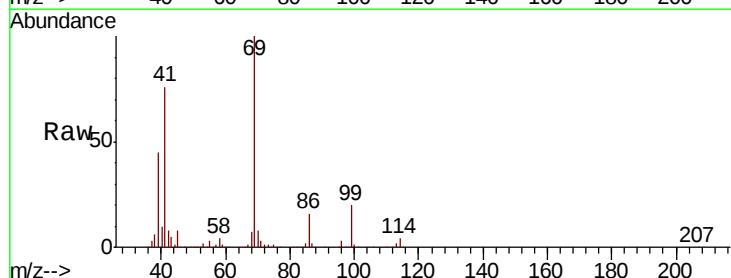
Tgt Ion: 69 Resp: 769296

Ion Ratio Lower Upper

69 100

41 74.7 61.4 92.2

39 44.0 36.0 54.0

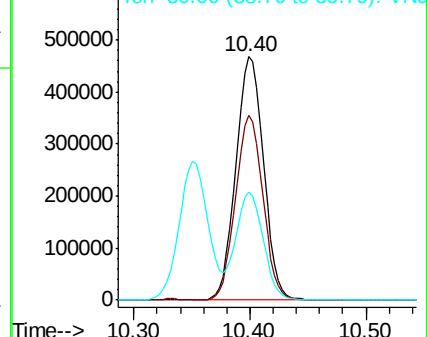
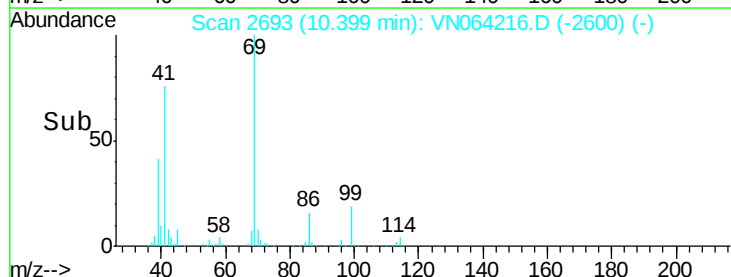


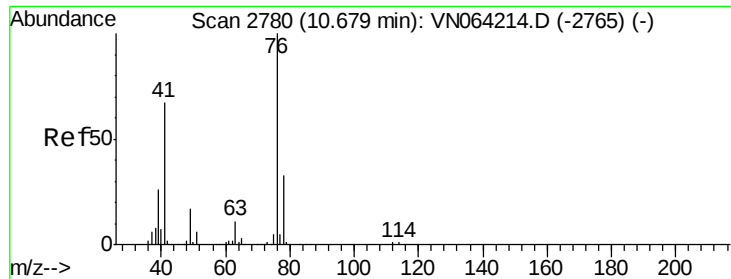
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

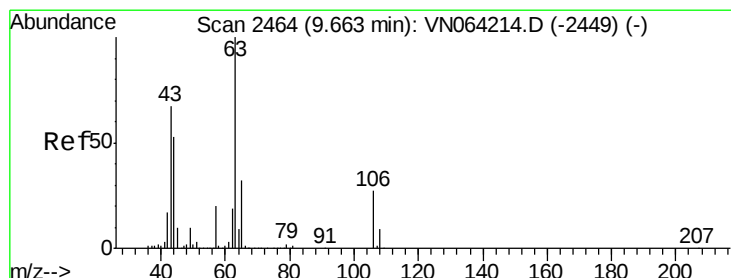
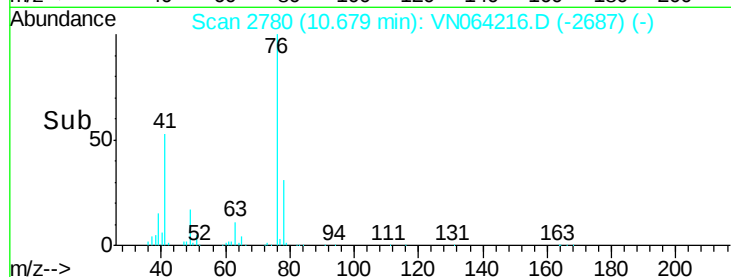
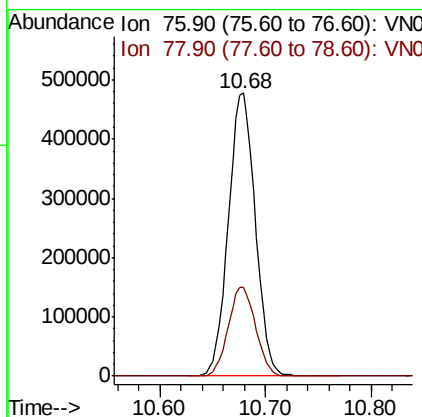
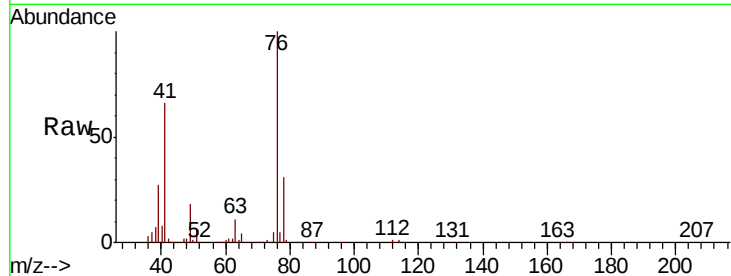




#57
 1,3-Dichloropropane
 Concen: 150.901 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

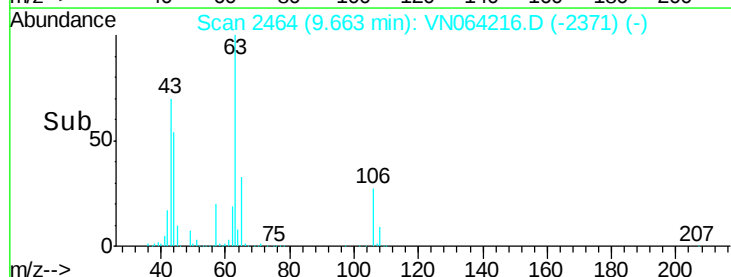
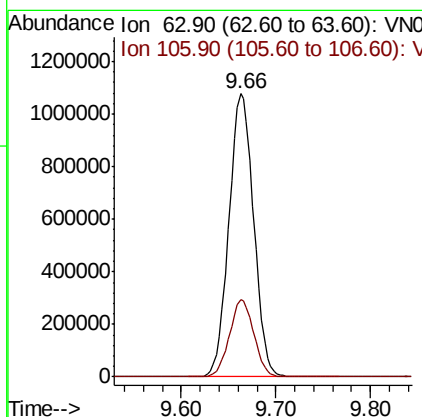
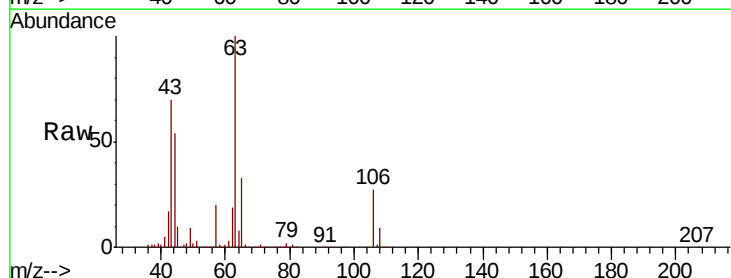
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

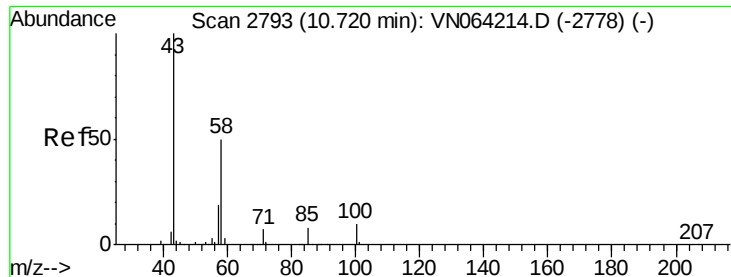
Tot Ion: 76 Resp: 842378
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 894.310 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion: 63 Resp: 1957508
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.3 31.9

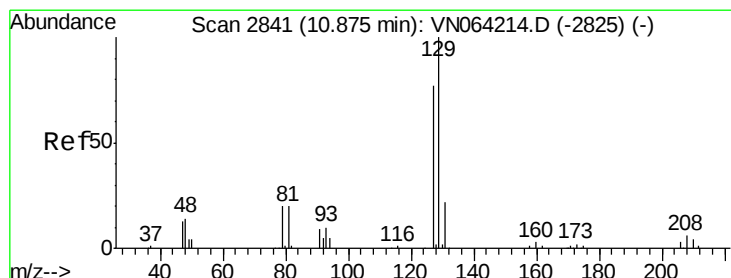
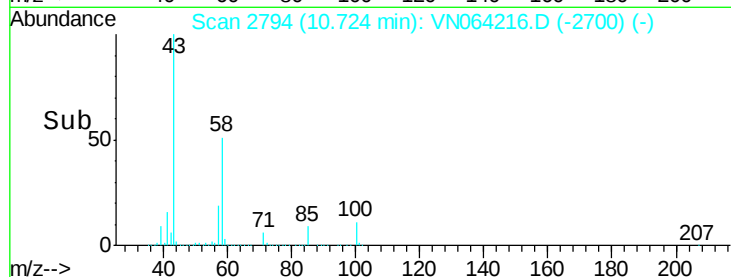
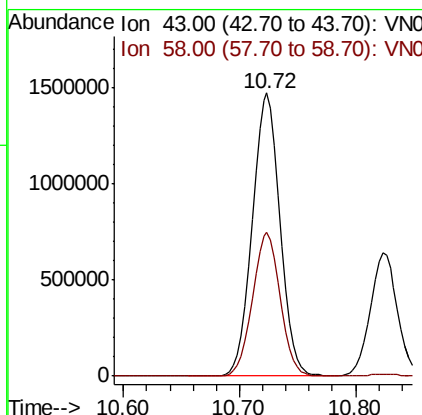
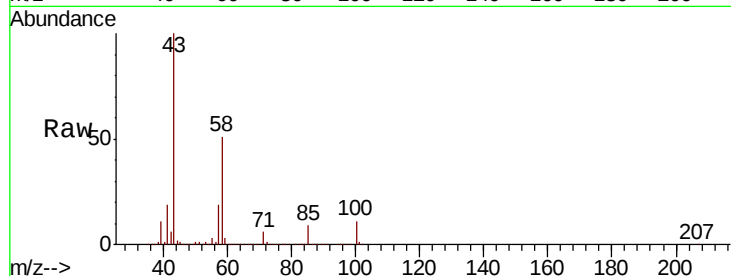




#59
2-Hexanone
Concen: 894.681 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

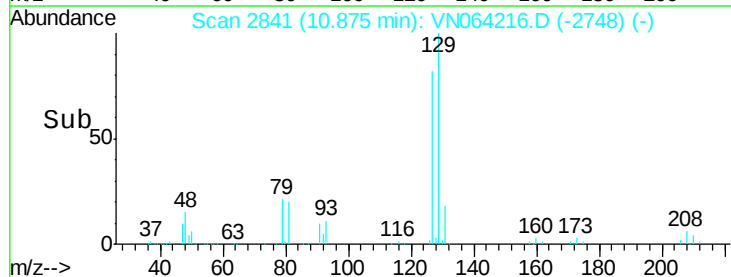
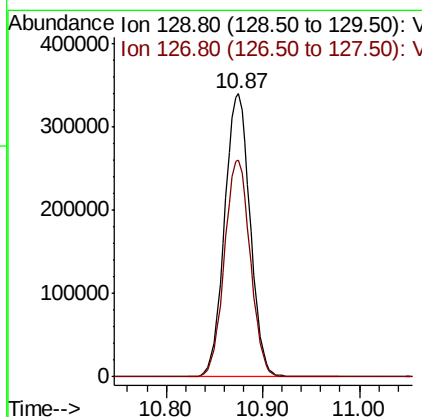
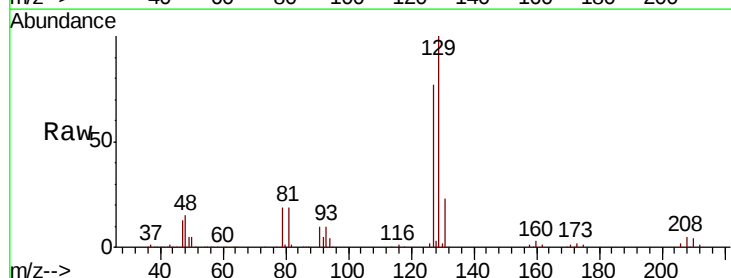
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

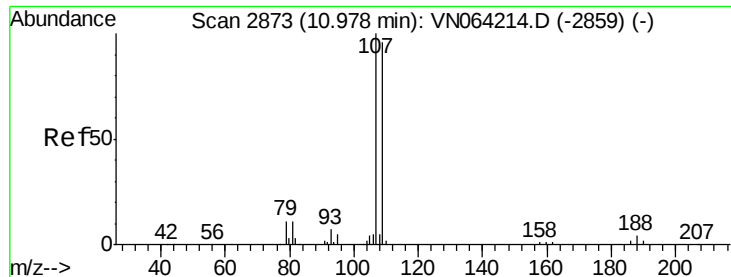
Tot Ion: 43 Resp: 2456222
Ion Ratio Lower Upper
43 100
58 50.8 24.8 74.3



#60
Dibromochloromethane
Concen: 162.647 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 129 Resp: 622988
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3

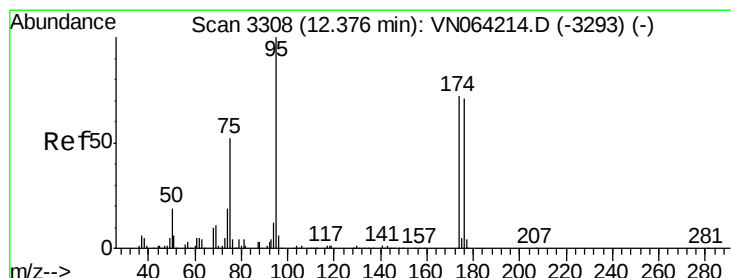
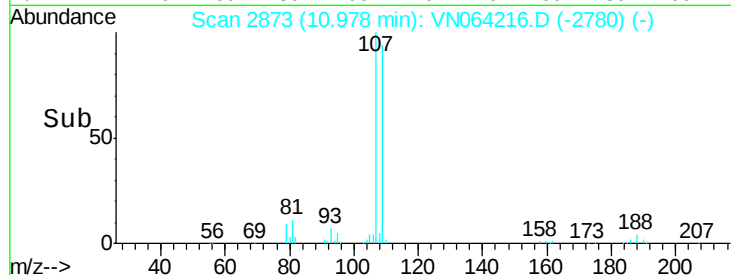
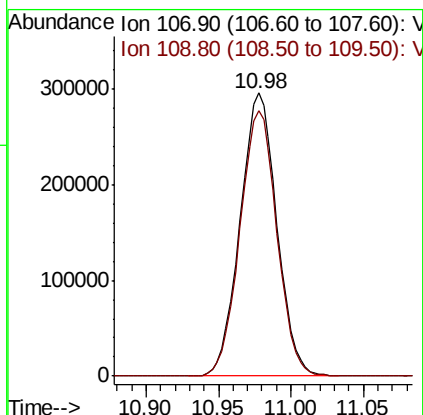
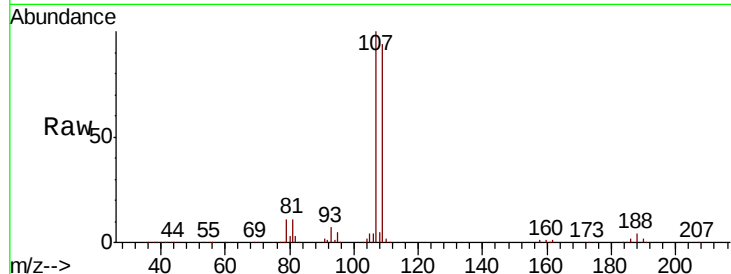




#61
 1,2-Dibromoethane
 Concen: 151.870 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

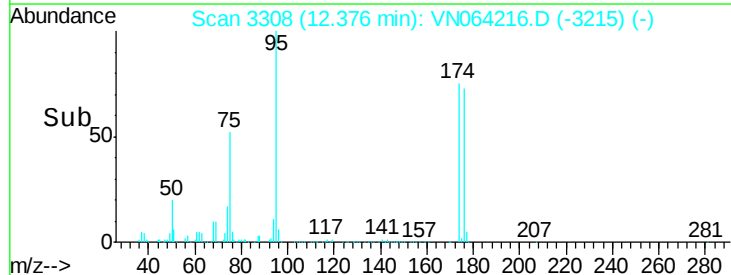
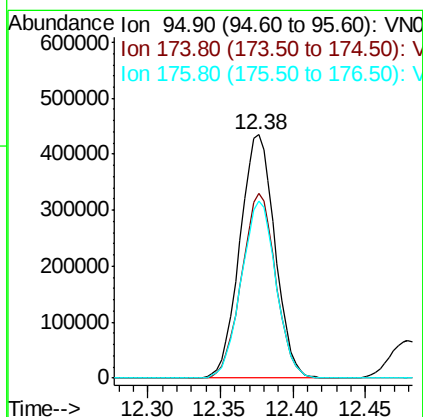
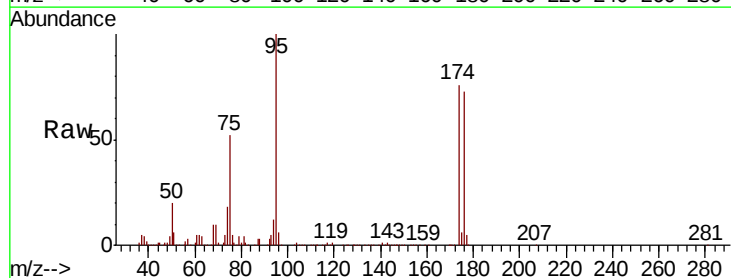
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

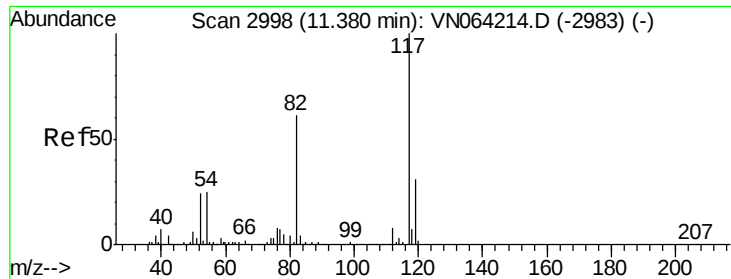
Tot Ion:107 Resp: 519937
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 173.830 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion: 95 Resp: 731055
 Ion Ratio Lower Upper
 95 100
 174 74.1 0.0 144.4
 176 71.9 0.0 139.2

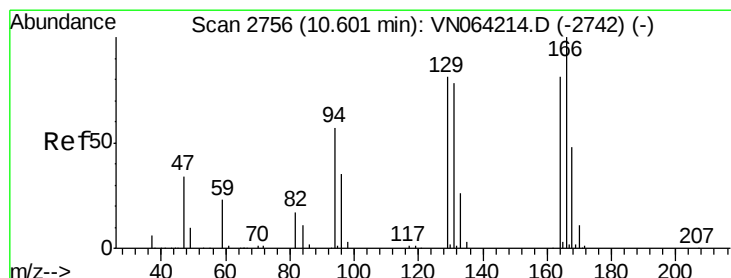
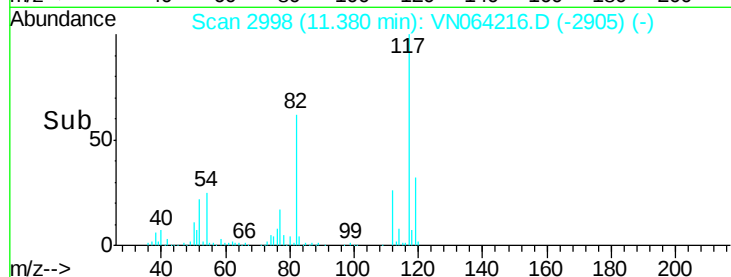
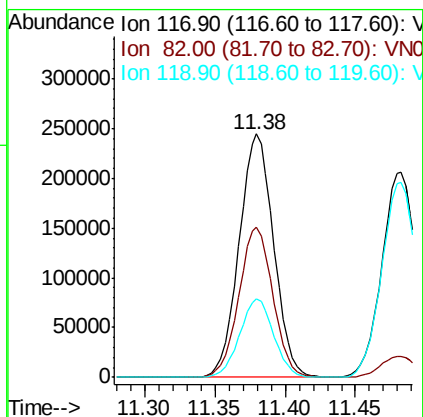
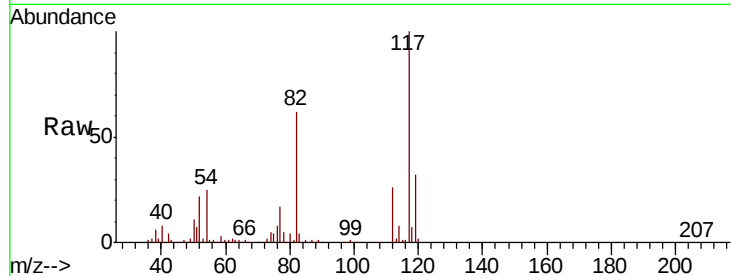




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

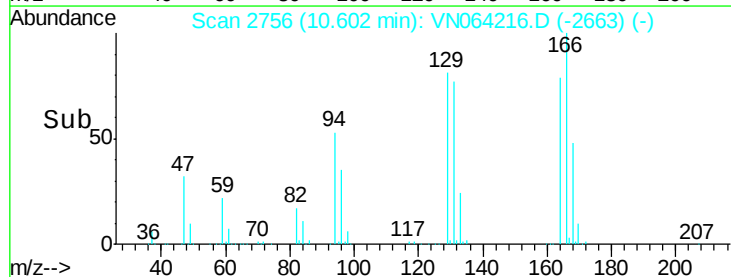
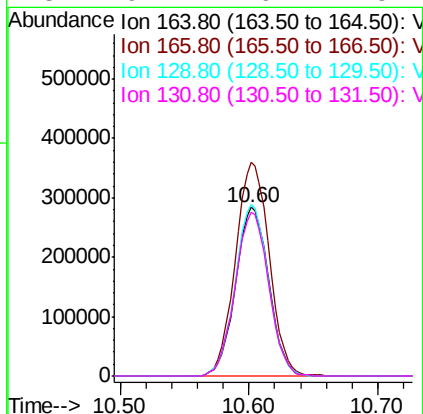
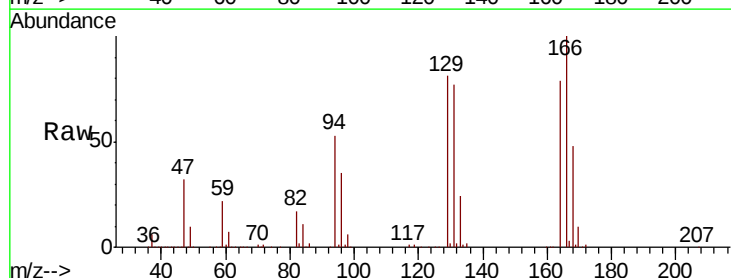
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

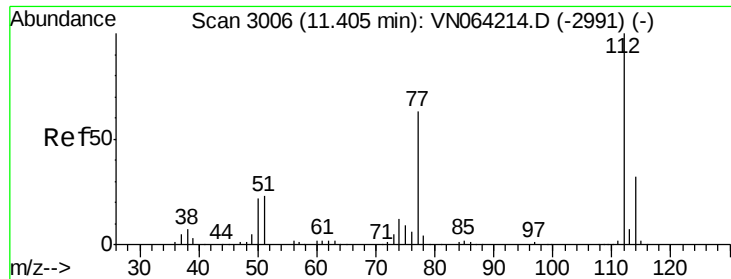
Tot Ion:117 Resp: 420286
Ion Ratio Lower Upper
117 100
82 61.7 48.8 73.2
119 32.4 24.7 37.1



#64
Tetrachloroethene
Concen: 158.969 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion:164 Resp: 509392
Ion Ratio Lower Upper
164 100
166 126.5 98.9 148.3
129 102.0 79.9 119.9
131 97.1 76.7 115.1

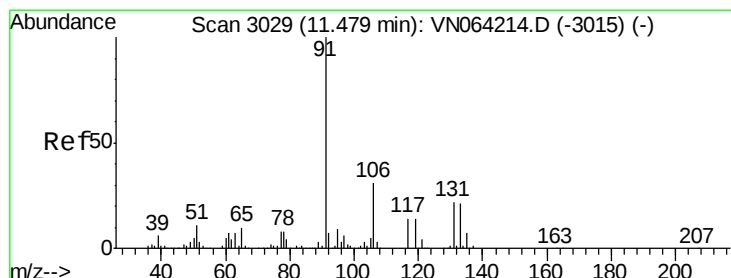
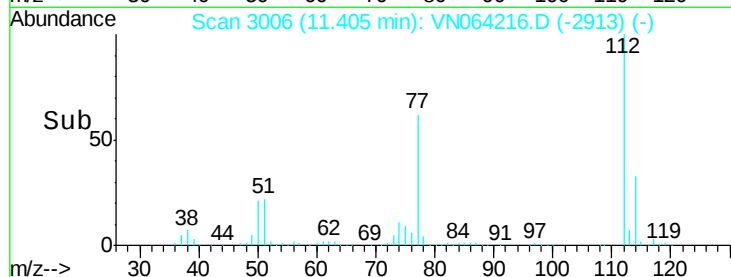
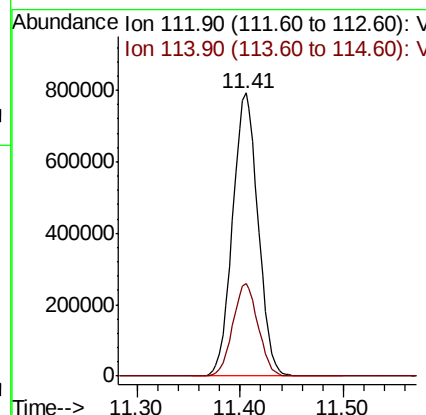
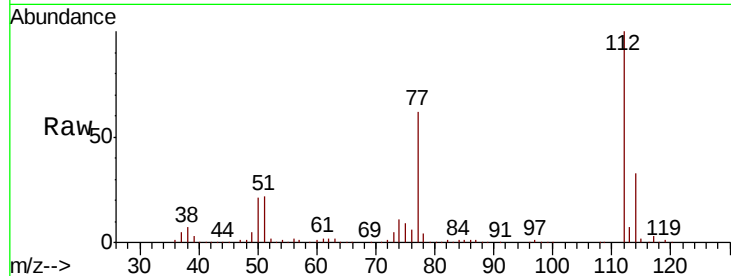




#65
Chlorobenzene
Concen: 153.665 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

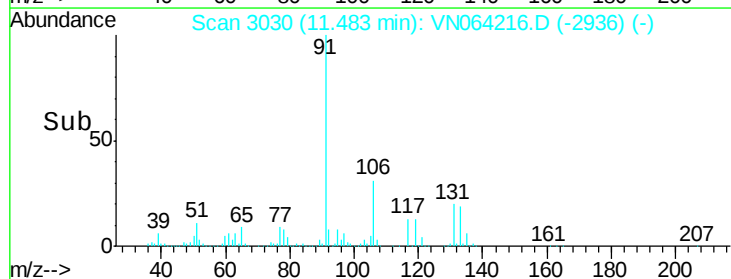
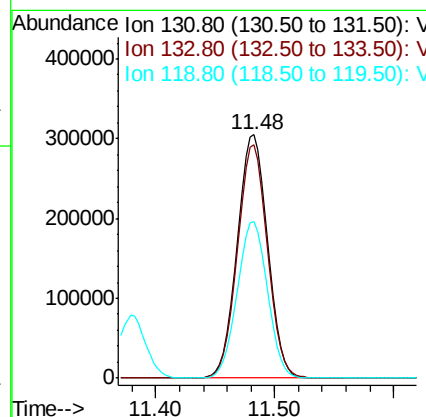
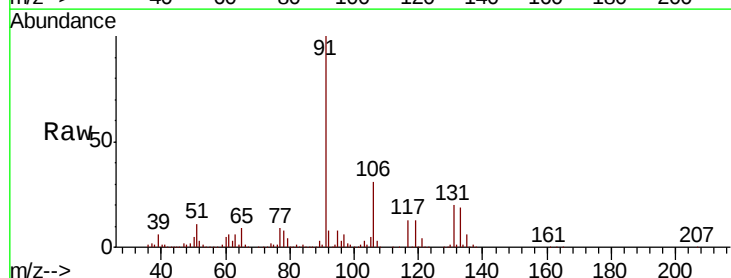
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

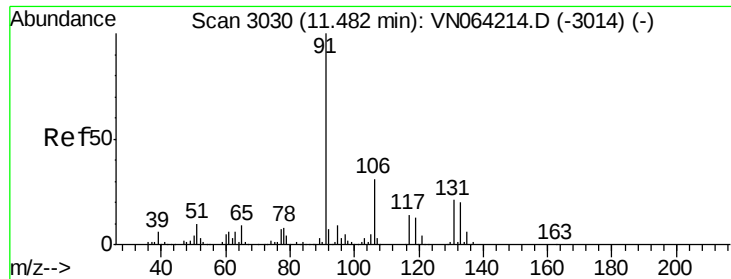
Tot Ion:112 Resp: 1362535
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 159.106 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion:131 Resp: 539379
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.4
119 64.4 32.2 96.6

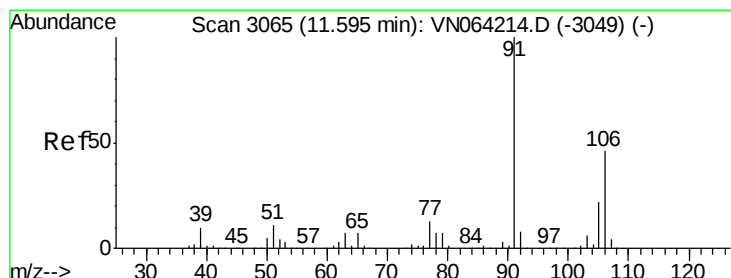
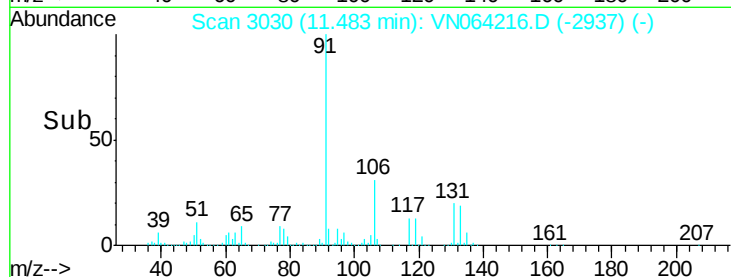
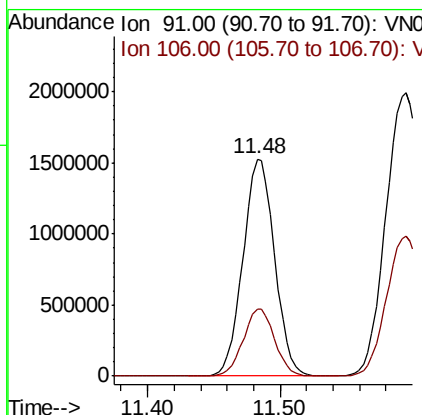
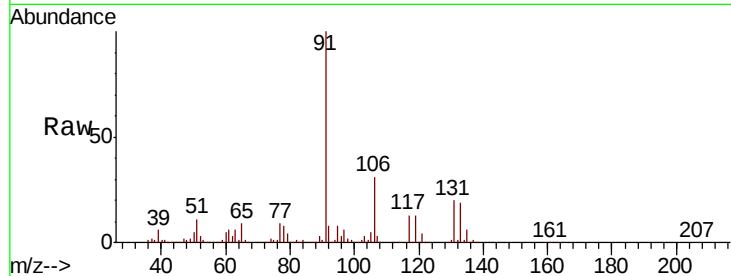




#67
Ethyl Benzene
Concen: 168.127 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

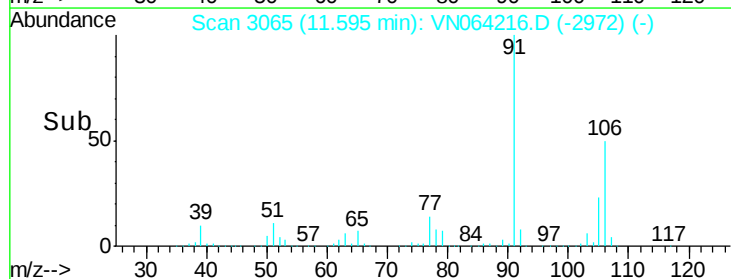
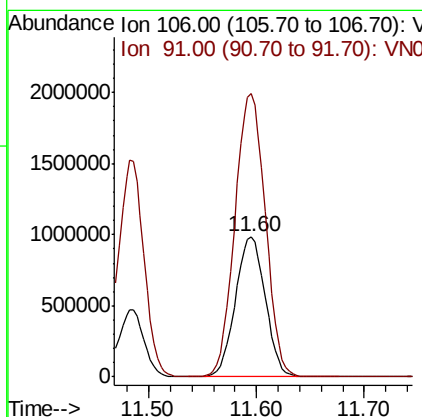
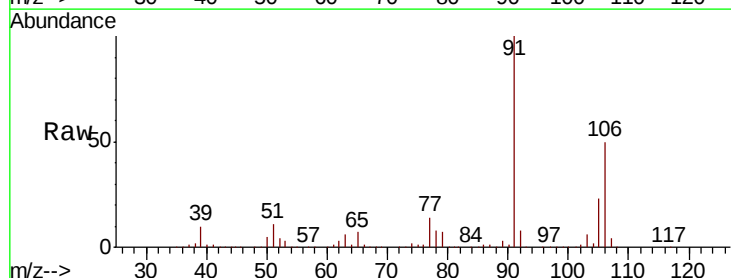
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

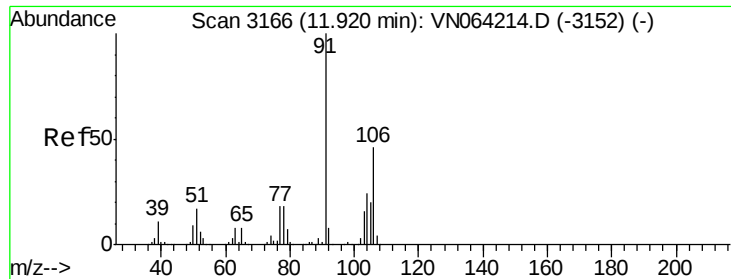
Tot Ion: 91 Resp: 2524507
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2



#68
m/p-Xylenes
Concen: 341.935 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 106 Resp: 1897883
Ion Ratio Lower Upper
106 100
91 206.2 172.2 258.2

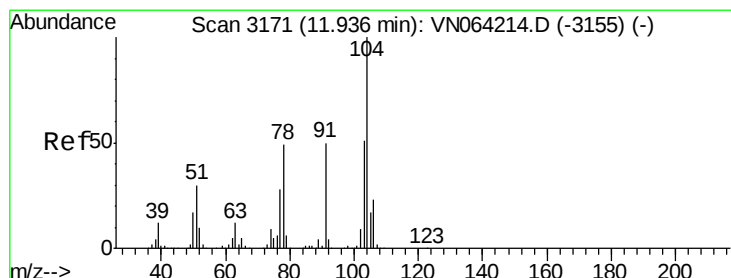
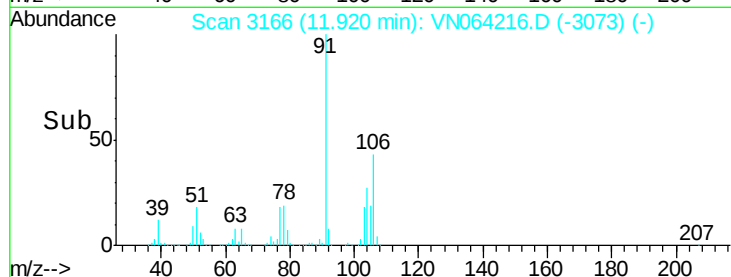
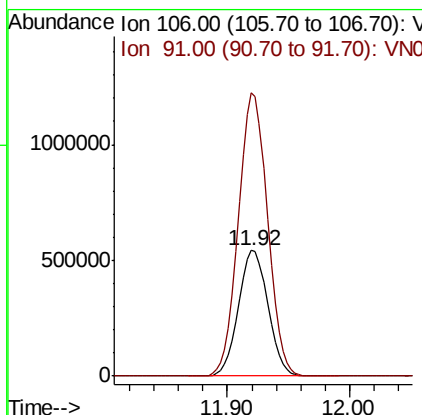
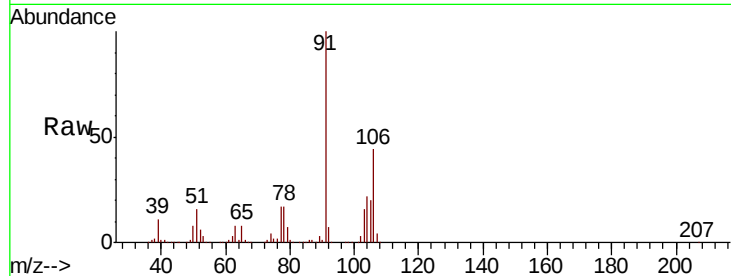




#69
o-Xylene
Concen: 169.804 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

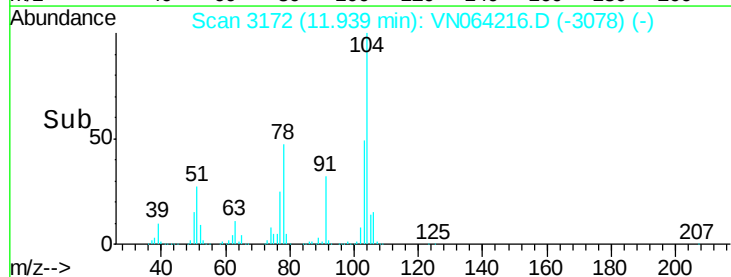
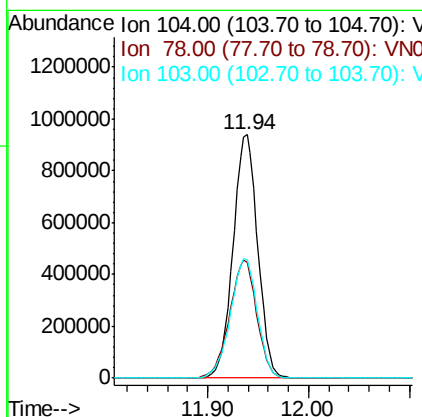
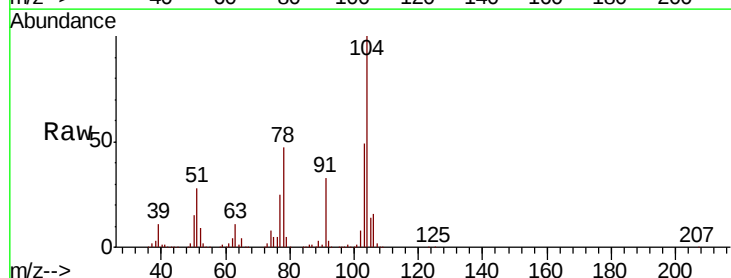
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

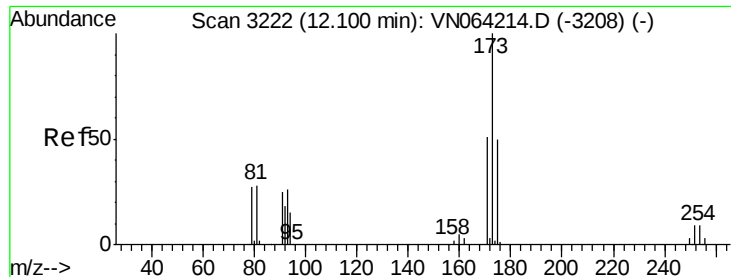
Tot Ion:106 Resp: 907985
Ion Ratio Lower Upper
106 100
91 222.5 109.9 329.6



#70
Styrene
Concen: 179.211 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion:104 Resp: 1596211
Ion Ratio Lower Upper
104 100
78 53.6 43.8 65.6
103 53.6 43.4 65.2





#71

Bromoform

Concen: 178.362 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

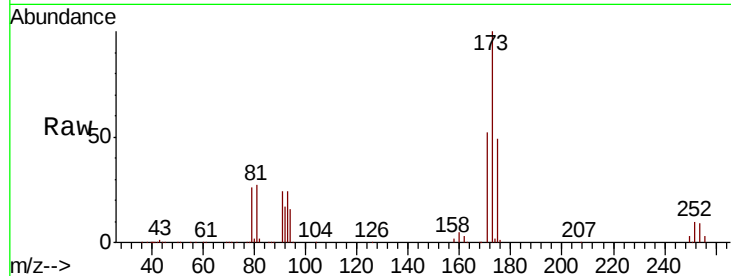
Tot Ion:173 Resp: 452398

Ion Ratio Lower Upper

173 100

175 48.7 25.1 75.3

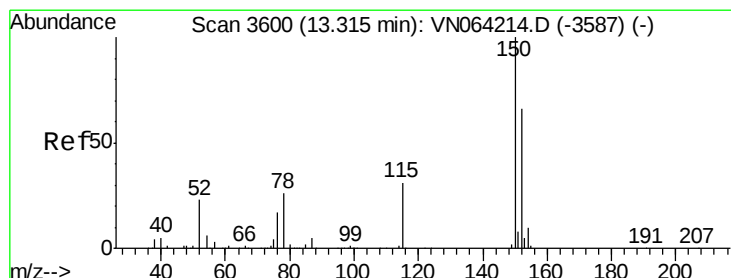
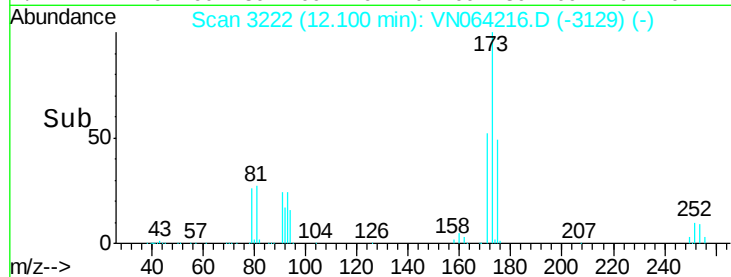
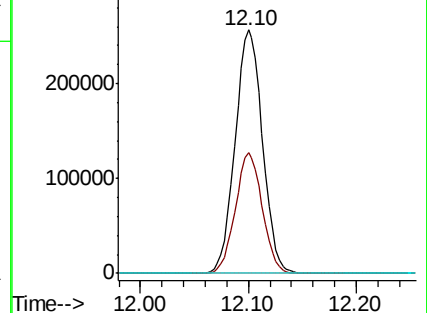
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

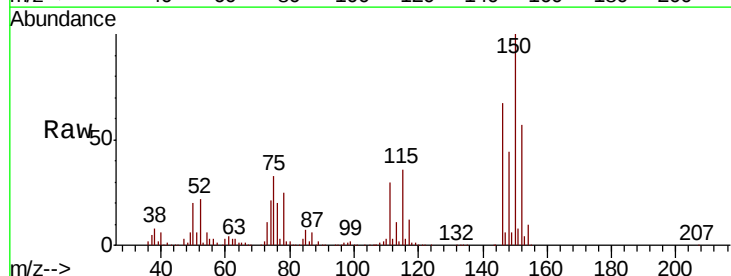
Tgt Ion:152 Resp: 217342

Ion Ratio Lower Upper

152 100

115 63.0 32.0 96.2

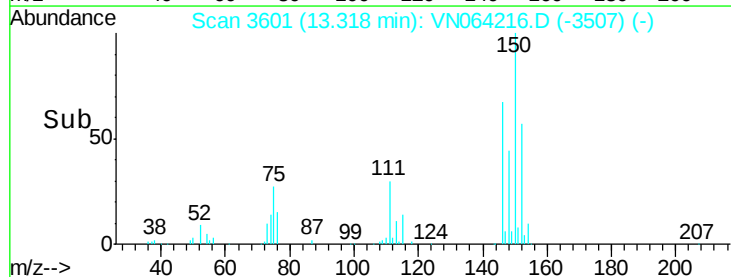
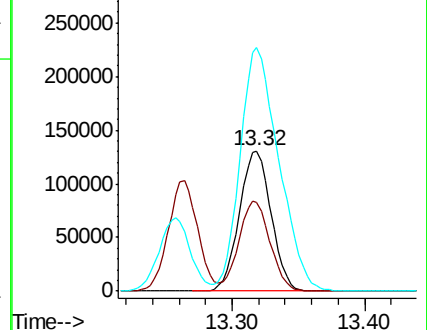
150 210.8 0.0 356.6

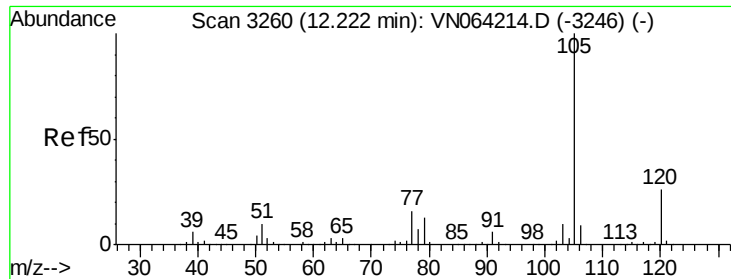


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

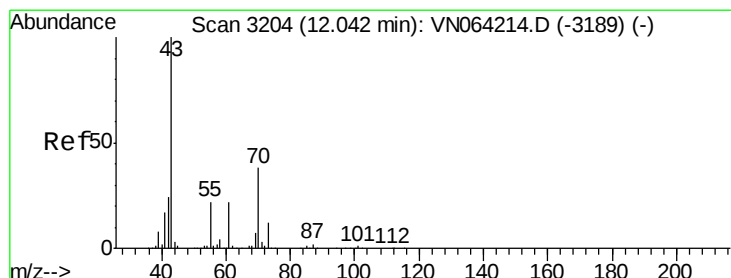
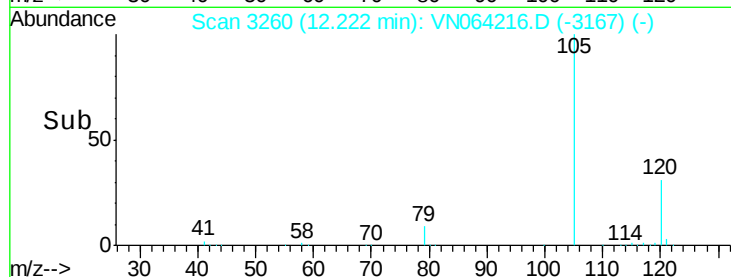
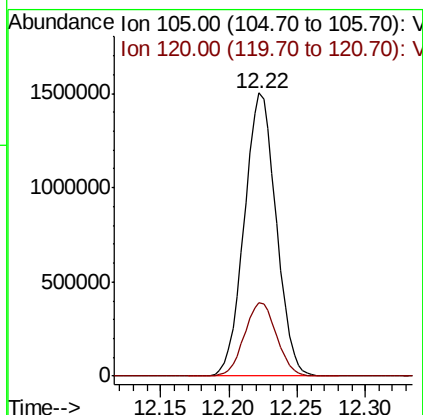
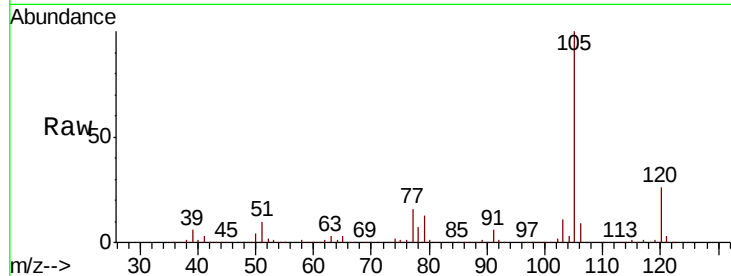




#73
Isopropylbenzene
Concen: 152.487 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

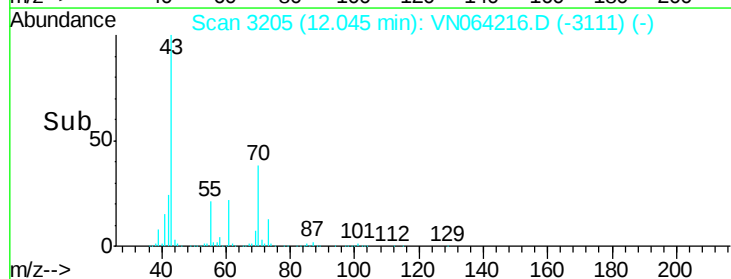
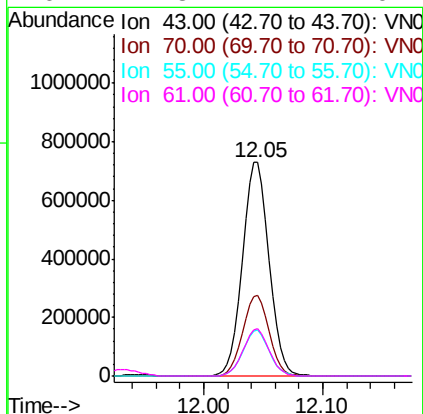
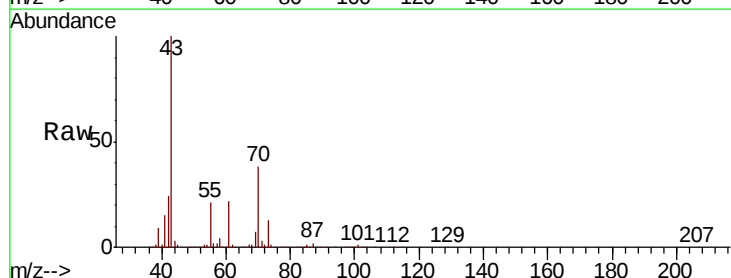
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

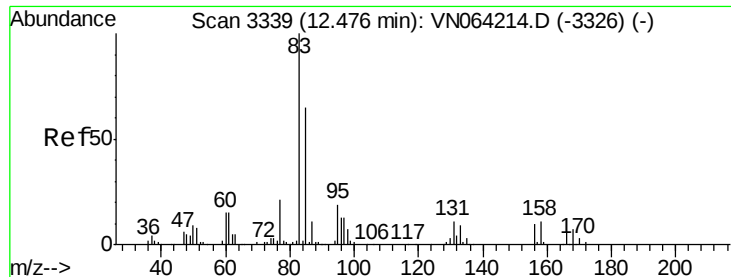
Tot Ion:105 Resp: 2436412
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7



#74
N-ethyl acetate
Concen: 182.010 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 43 Resp: 1123102
Ion Ratio Lower Upper
43 100
70 37.6 30.2 45.4
55 21.2 18.0 27.0
61 21.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 124.616 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

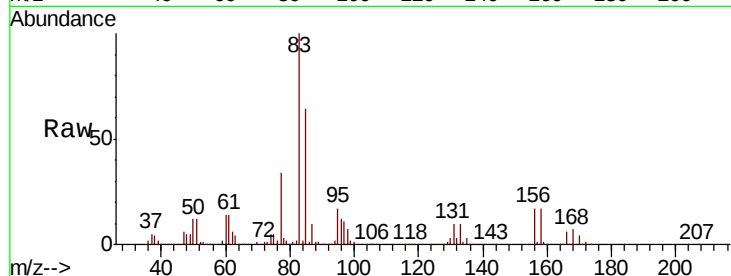
Tot Ion: 83 Resp: 665955

Ion Ratio Lower Upper

83 100

131 10.5 5.5 16.7

85 64.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.48

400000

300000

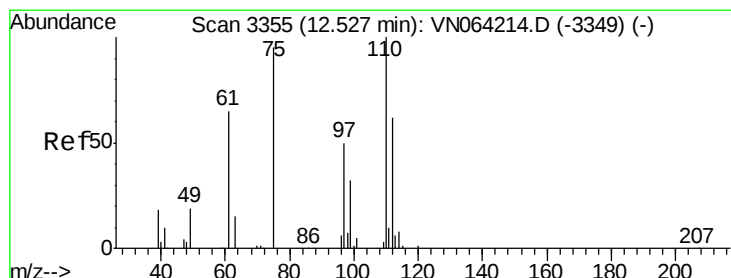
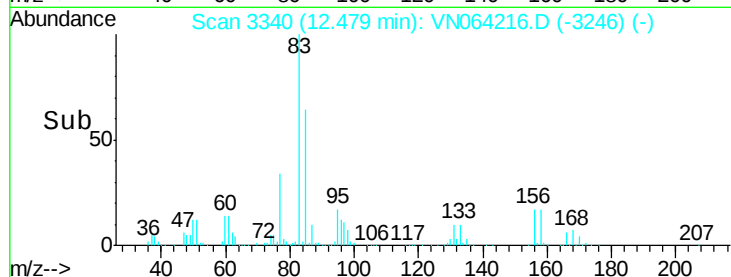
200000

100000

0

Time-->

12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 193.806 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064216.D

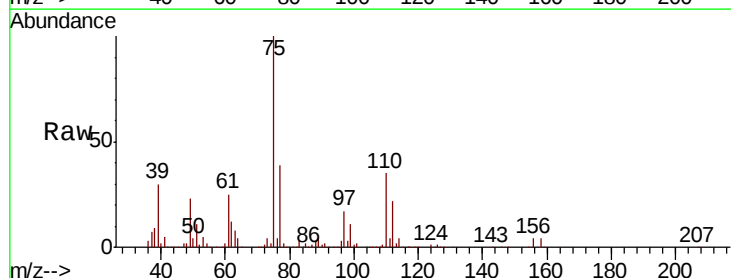
Acq: 21 Oct 2020 12:32

Tgt Ion: 75 Resp: 1001536

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

600000

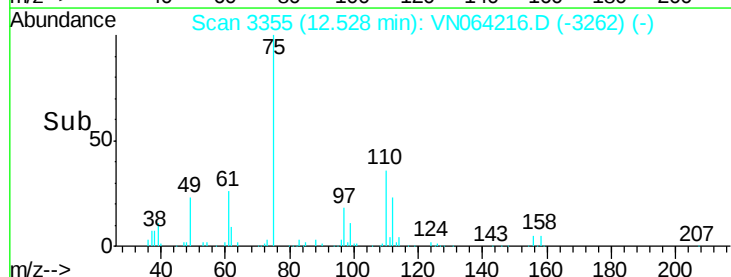
400000

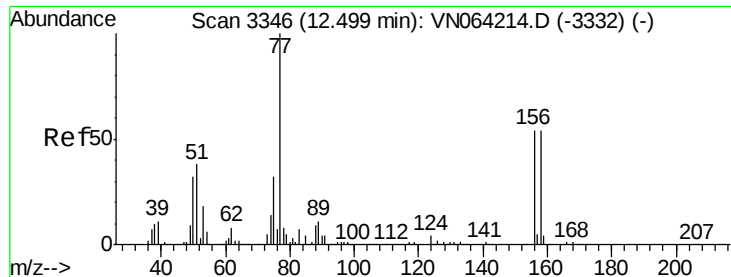
200000

0

Time-->

12.40 12.50 12.60





#77

Bromobenzene

Concen: 140.755 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

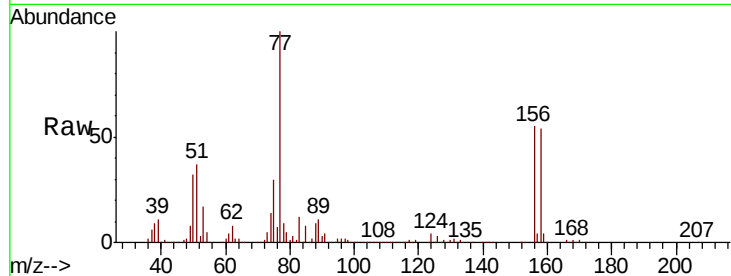
Tot Ion:156 Resp: 598655

Ion Ratio Lower Upper

156 100

77 219.2 111.1 333.4

158 97.2 50.0 150.1



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

800000

600000

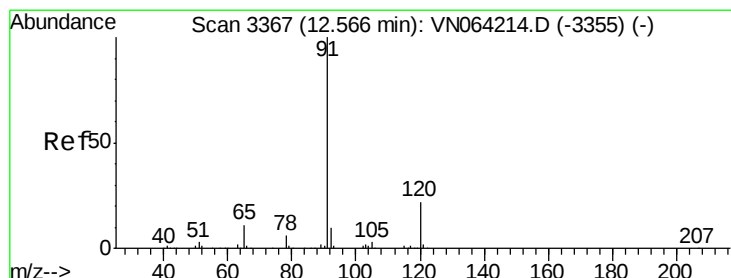
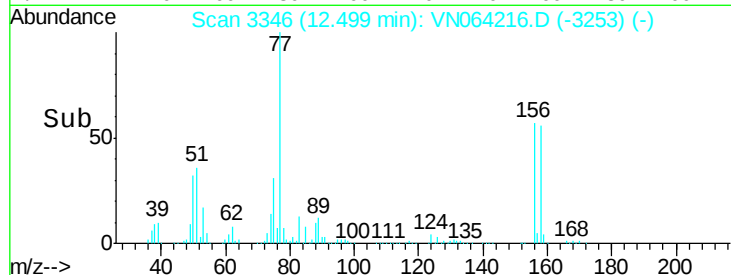
400000

200000

0

12.40 12.50 12.60

Time-->



#78

n-propylbenzene

Concen: 158.697 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064216.D

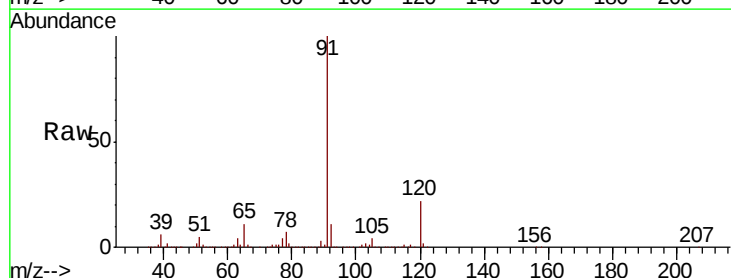
Acq: 21 Oct 2020 12:32

Tgt Ion: 91 Resp: 2830980

Ion Ratio Lower Upper

91 100

120 22.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

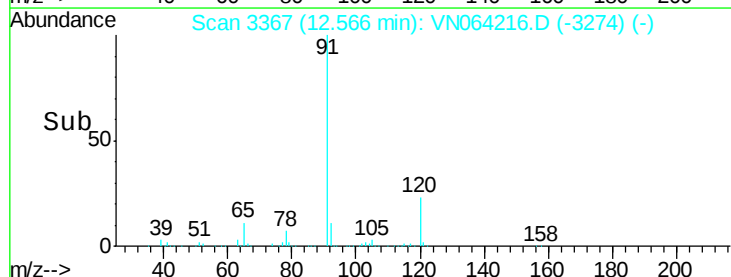
1000000

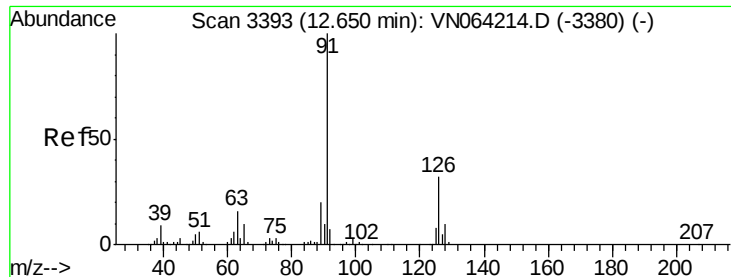
500000

0

12.50 12.55 12.60

Time-->





#79

2-Chlorotoluene

Concen: 152.714 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

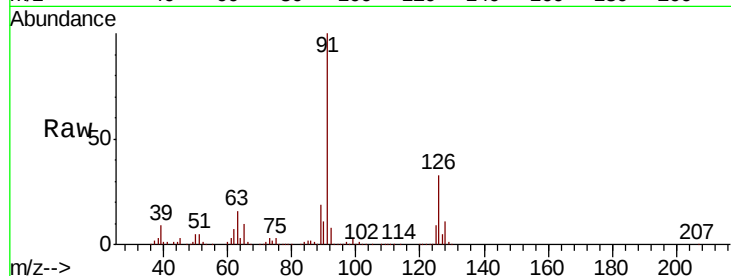
VSTDIC150

Tot Ion: 91 Resp: 1732665

Ion Ratio Lower Upper

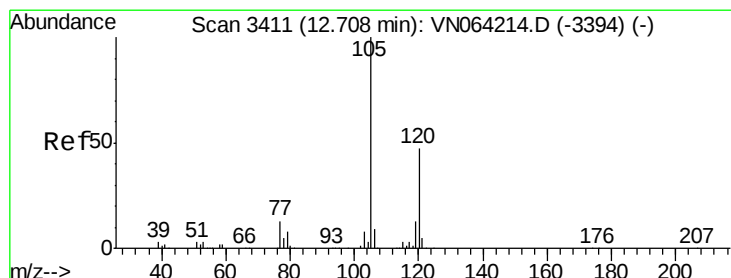
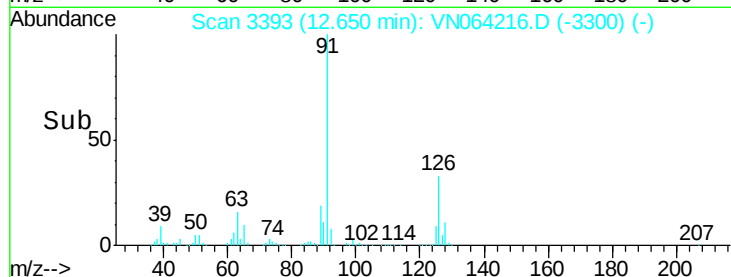
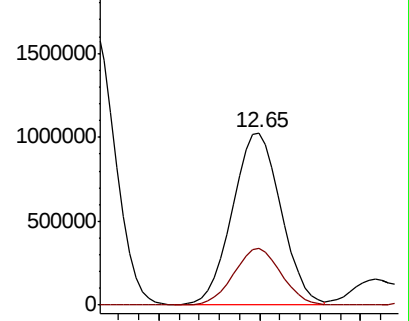
91 100

126 32.4 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN064216.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064216.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 164.334 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064216.D

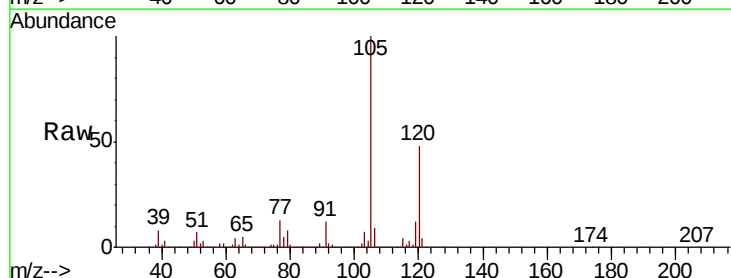
Acq: 21 Oct 2020 12:32

Tgt Ion:105 Resp: 2114310

Ion Ratio Lower Upper

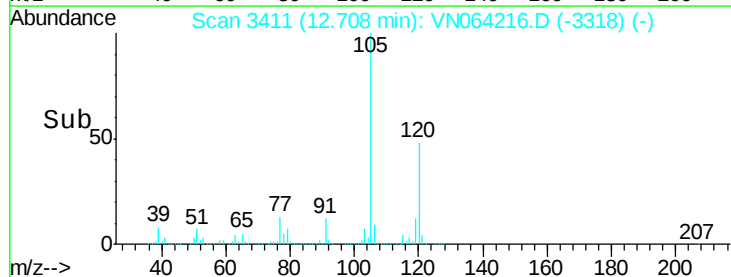
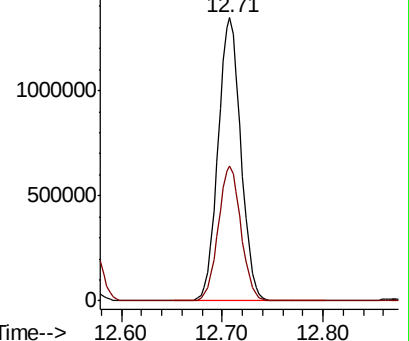
105 100

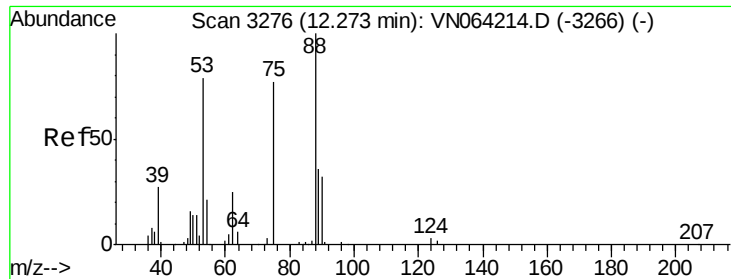
120 47.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN064216.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN064216.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 163.386 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

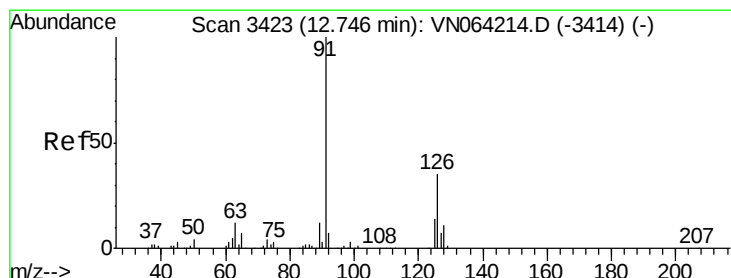
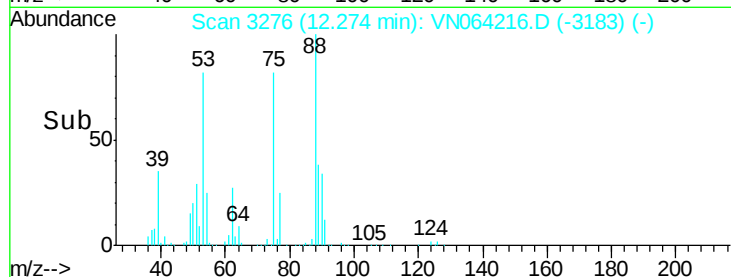
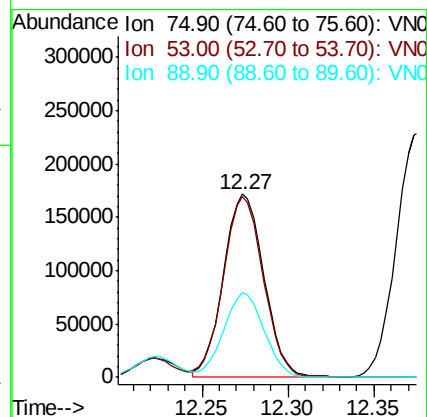
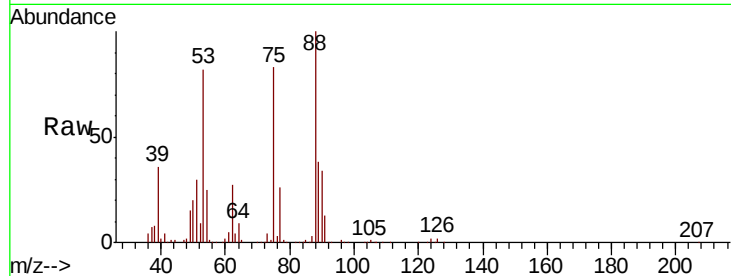
Tot Ion: 75 Resp: 279912

Ion Ratio Lower Upper

75 100

53 98.5 81.0 121.4

89 46.8 38.7 58.1



#82

4-Chlorotoluene

Concen: 161.802 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064216.D

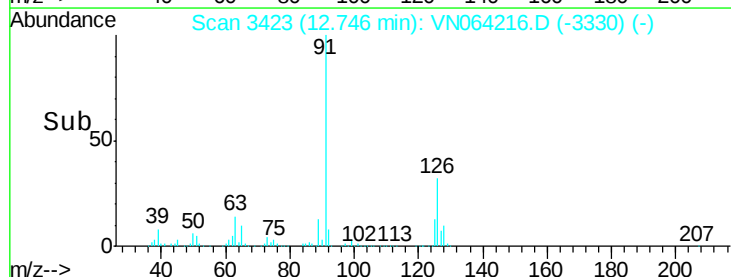
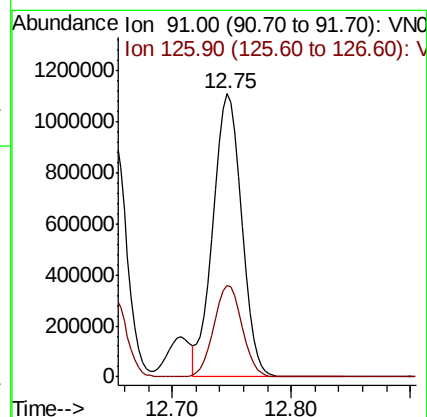
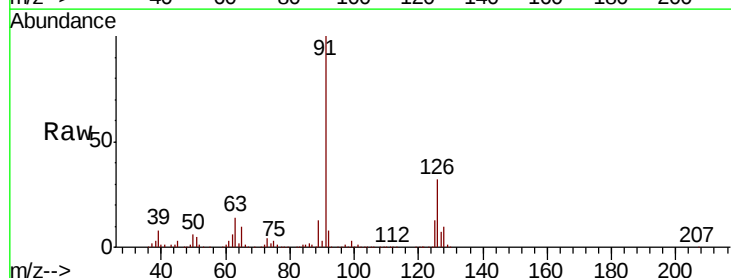
Acq: 21 Oct 2020 12:32

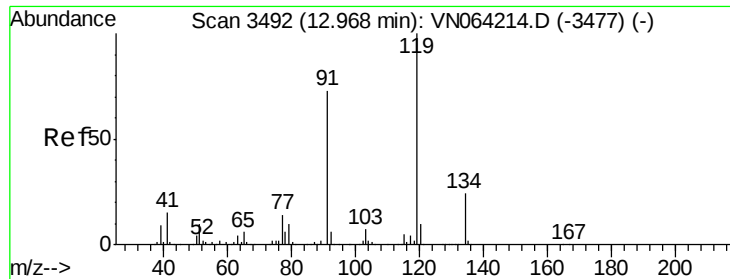
Tgt Ion: 91 Resp: 1855634

Ion Ratio Lower Upper

91 100

126 31.8 15.8 47.3

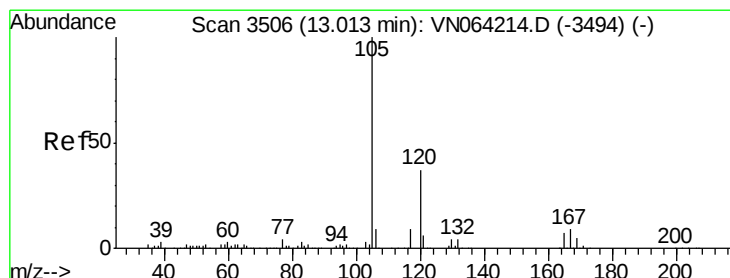
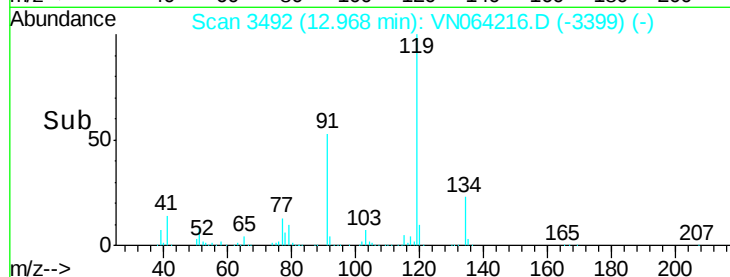
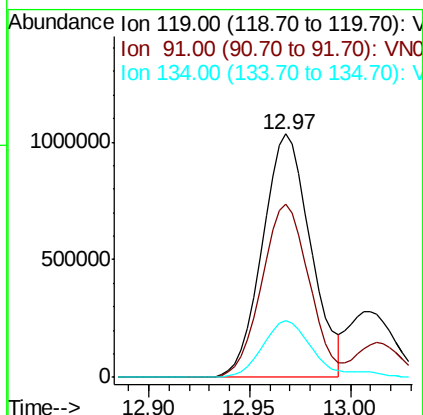
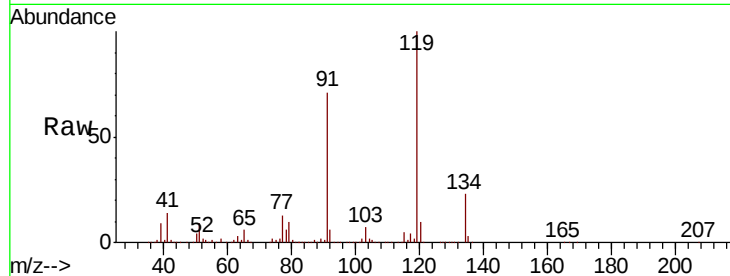




#83
 tert-Butylbenzene
 Concen: 161.586 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

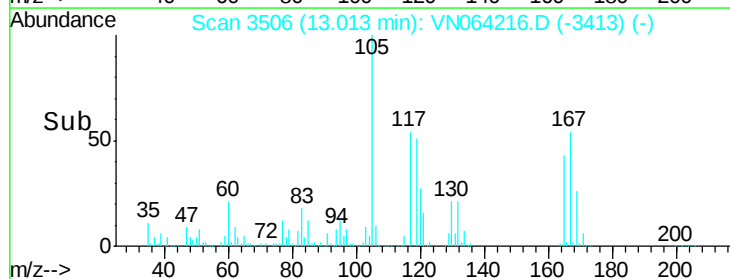
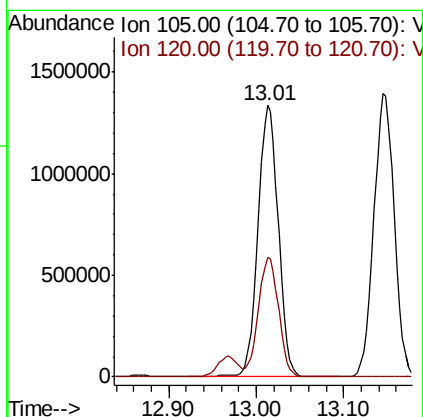
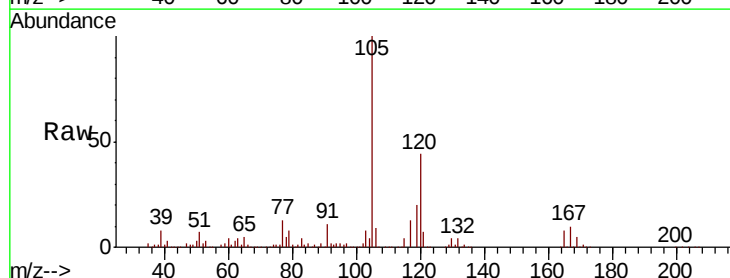
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

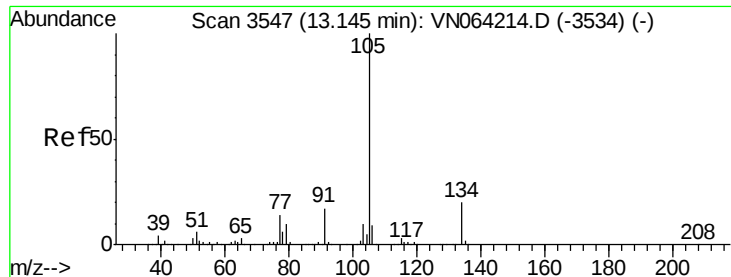
Tot Ion:119 Resp: 1719095
 Ion Ratio Lower Upper
 119 100
 91 70.2 35.1 105.3
 134 24.7 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 170.783 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion:105 Resp: 2155804
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.5 64.5





#85

sec-Butylbenzene

Concen: 164.785 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

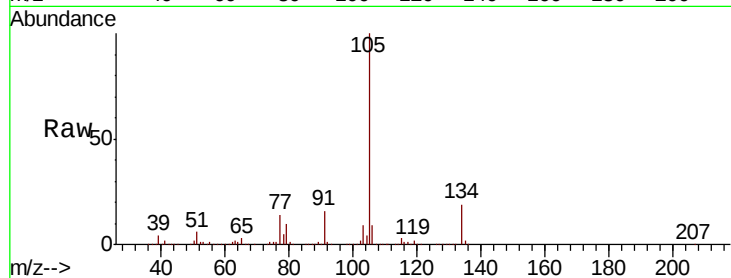
VSTDIC150

Tot Ion:105 Resp: 2248725

Ion Ratio Lower Upper

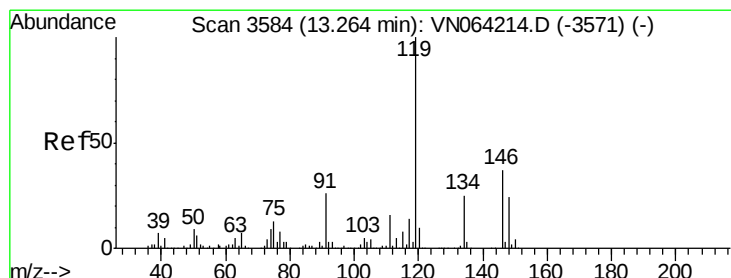
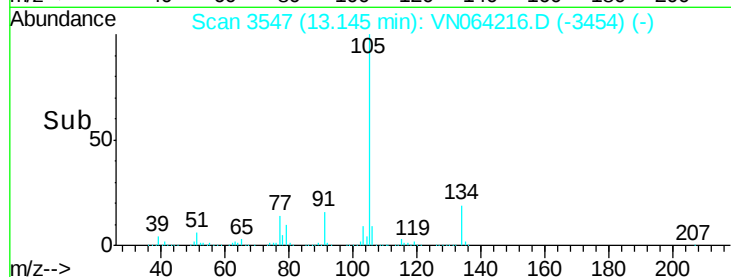
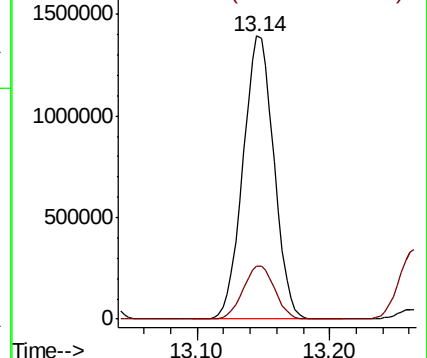
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 174.172 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

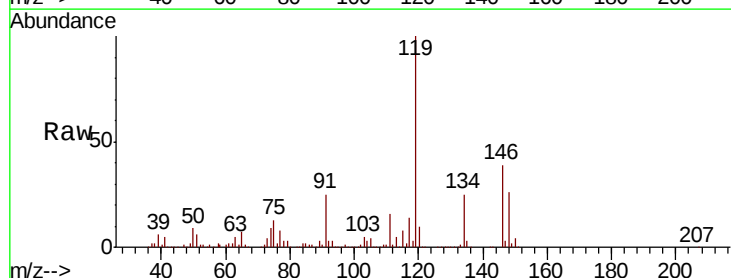
Tgt Ion:119 Resp: 2081500

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

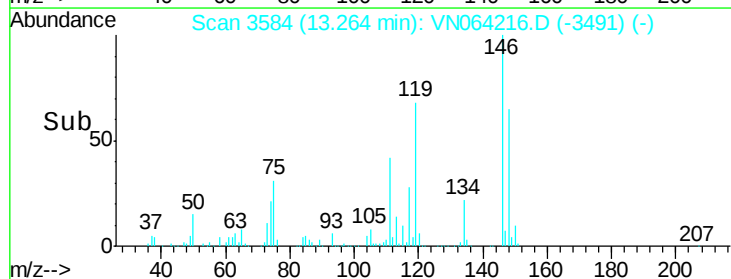
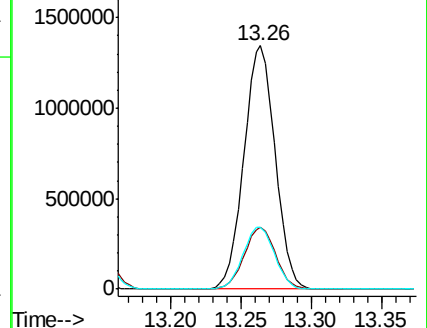
91 25.9 13.4 40.2

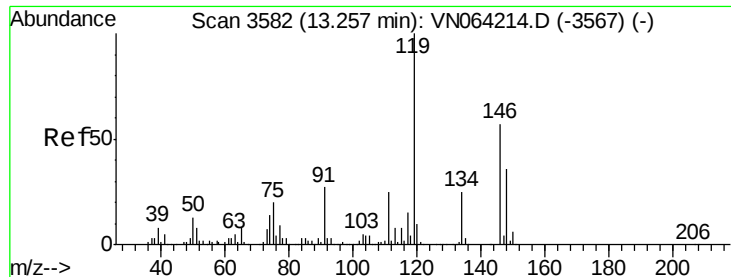


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

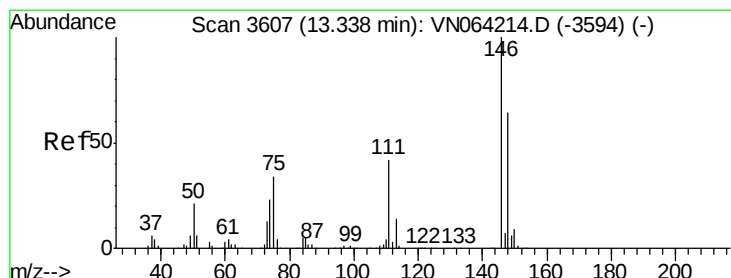
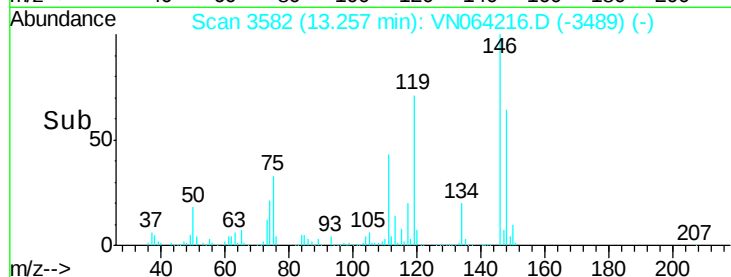
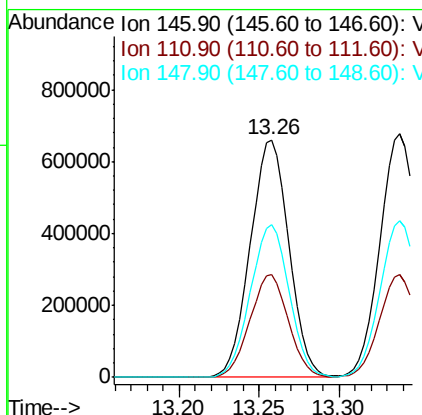
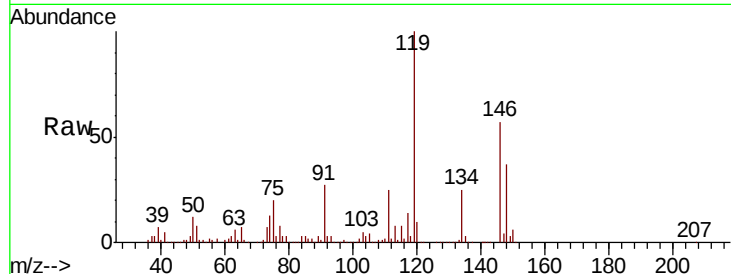




#87
 1,3-Dichlorobenzene
 Concen: 153.500 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

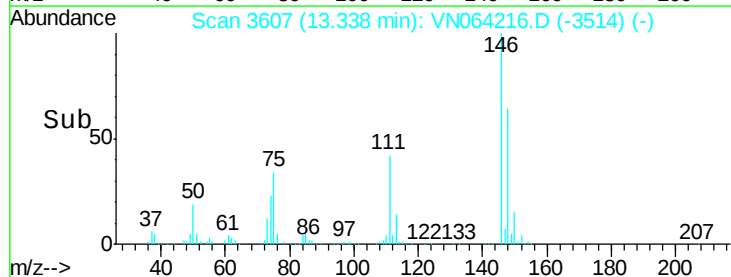
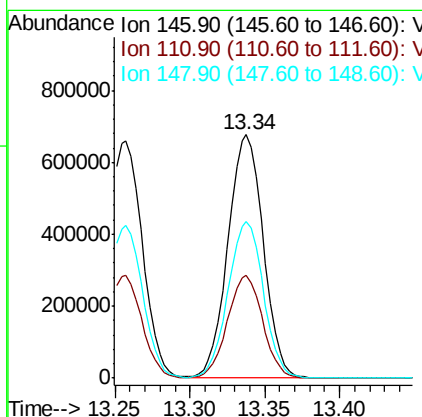
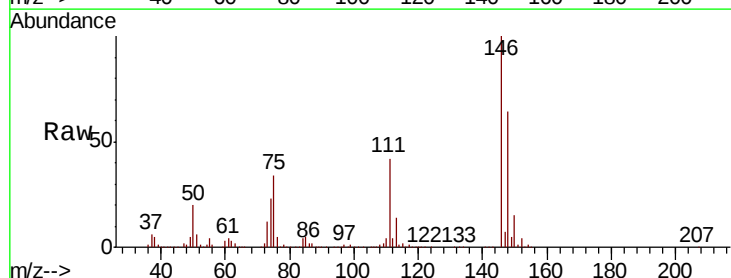
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

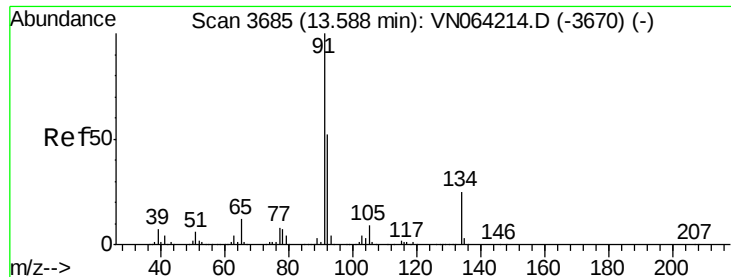
Tot Ion:146 Resp: 1093477
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.6 65.0
 148 64.6 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 152.311 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion:146 Resp: 1112035
 Ion Ratio Lower Upper
 146 100
 111 41.8 21.5 64.5
 148 64.3 32.0 96.0

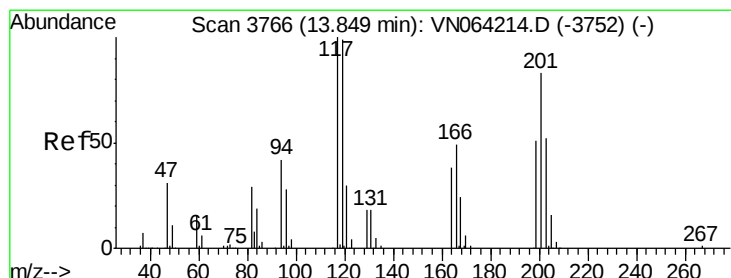
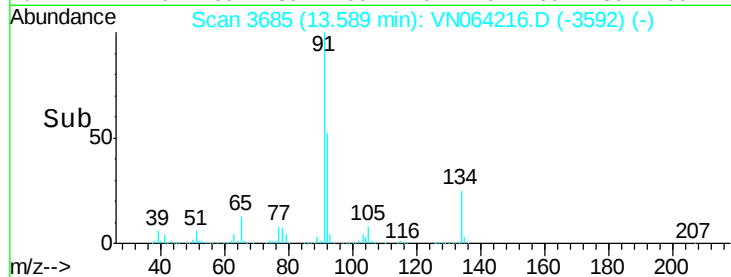
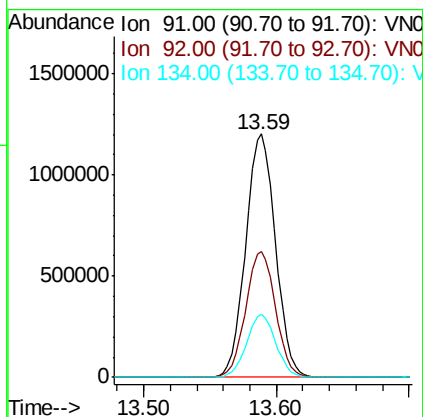
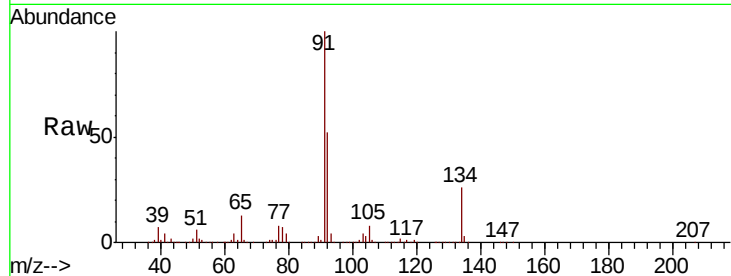




#89
n-Butylbenzene
Concen: 183.880 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

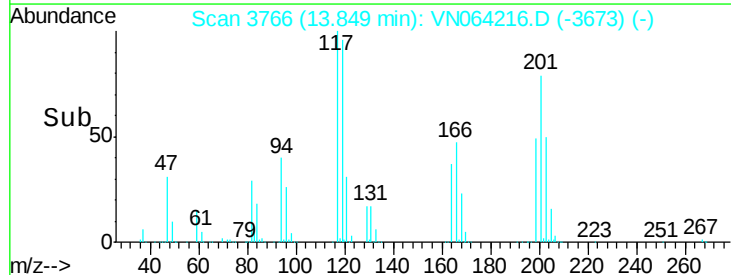
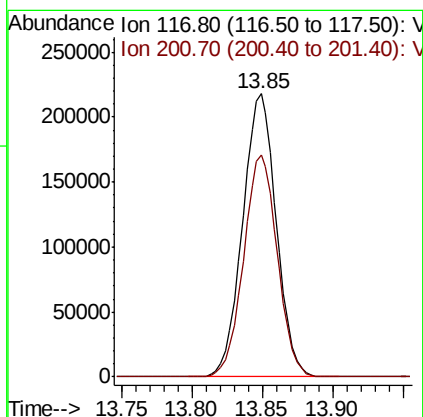
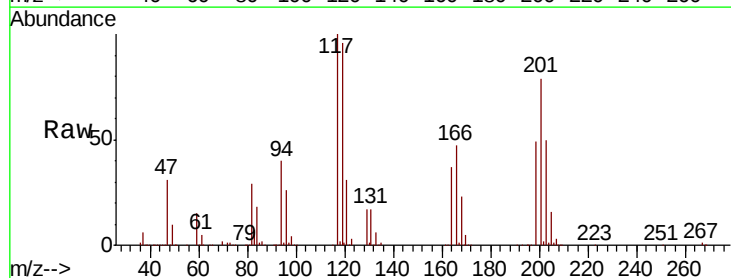
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

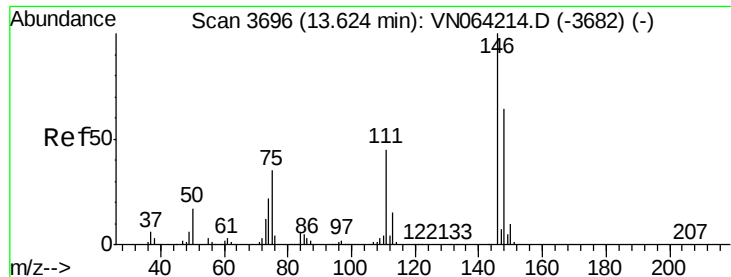
Tot Ion: 91 Resp: 1869632
Ion Ratio Lower Upper
91 100
92 51.9 25.7 77.0
134 25.4 12.3 36.8



#90
Hexachloroethane
Concen: 159.325 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064216.D
Acq: 21 Oct 2020 12:32

Tgt Ion: 117 Resp: 364241
Ion Ratio Lower Upper
117 100
201 78.5 40.1 120.3





#91

1,2-Dichlorobenzene

Concen: 149.871 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

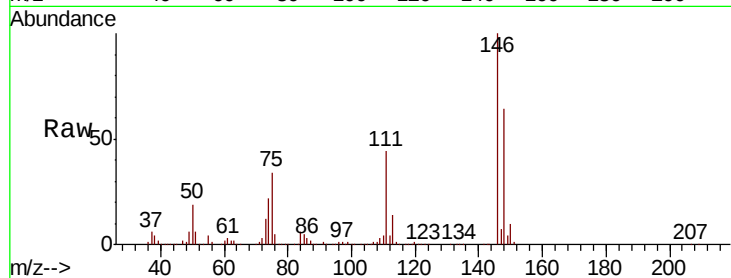
Tot Ion:146 Resp: 1059616

Ion Ratio Lower Upper

146 100

111 44.4 22.9 68.7

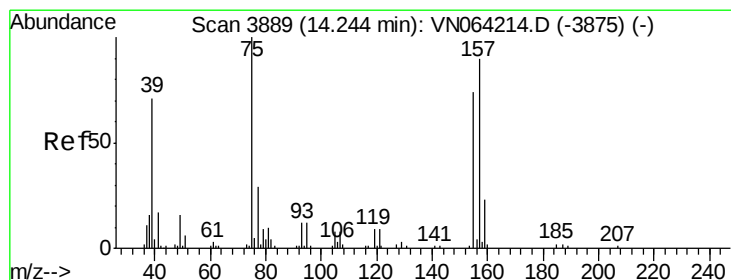
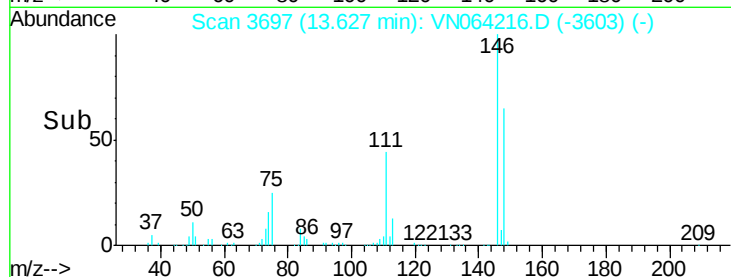
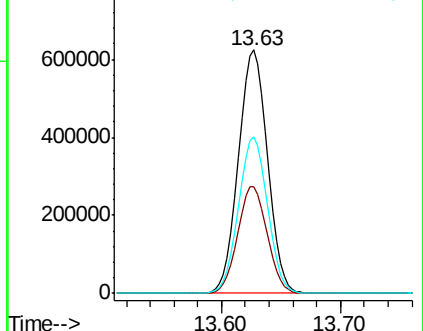
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 157.887 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

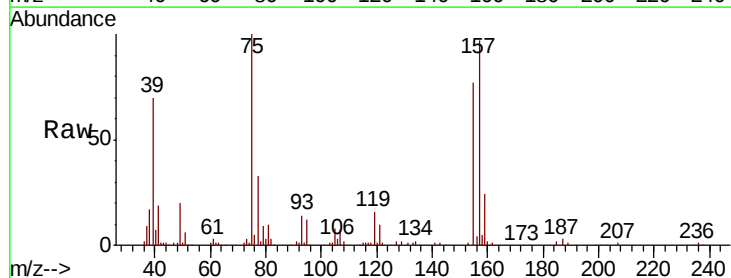
Tgt Ion: 75 Resp: 169339

Ion Ratio Lower Upper

75 100

155 75.0 36.9 110.7

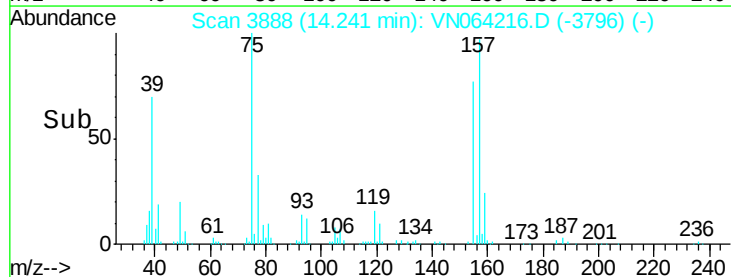
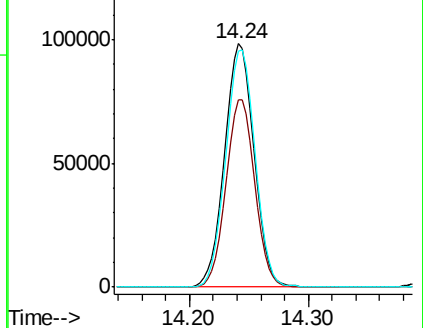
157 97.0 44.6 133.8

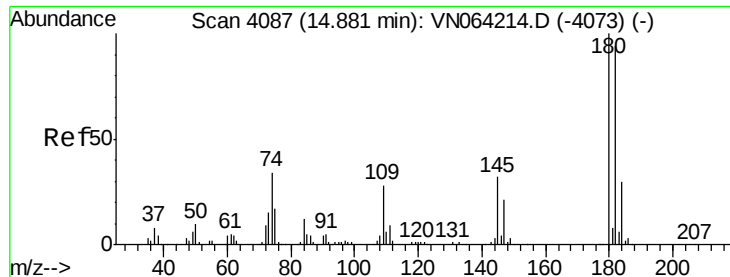


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

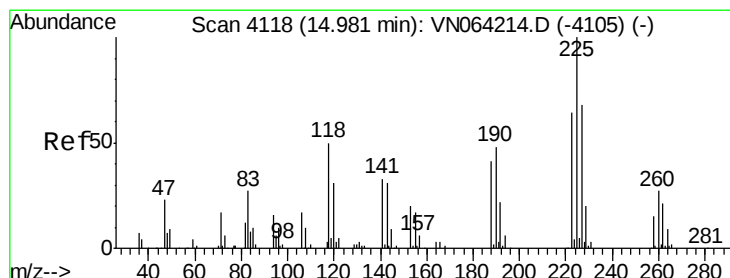
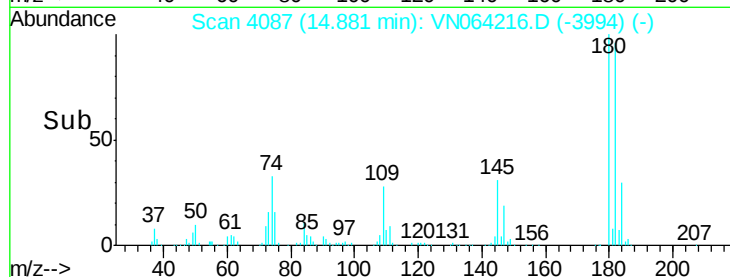
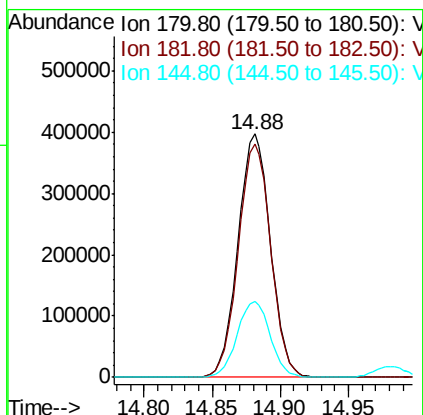
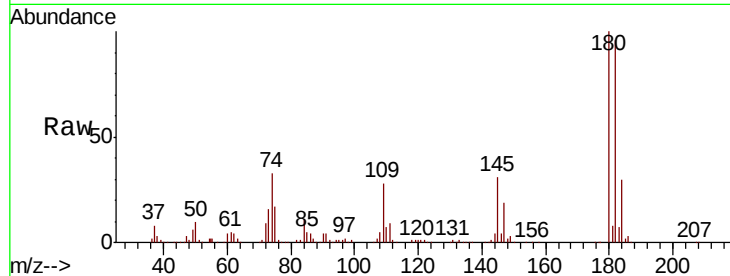




#93
 1,2,4-Trichlorobenzene
 Concen: 217.584 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

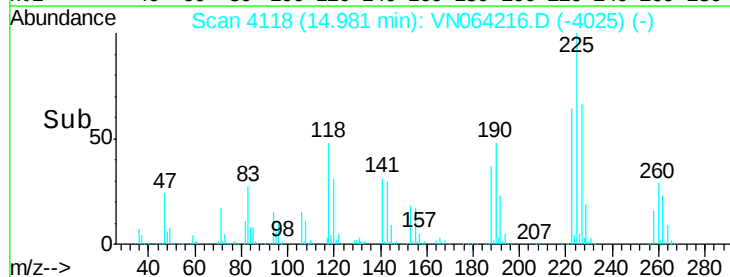
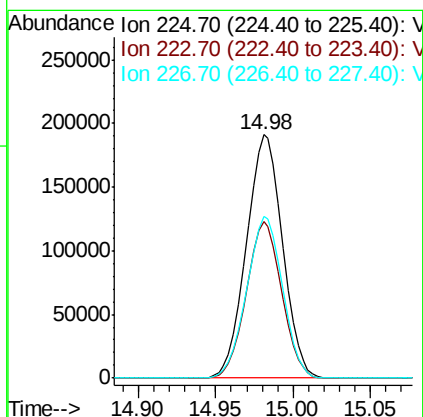
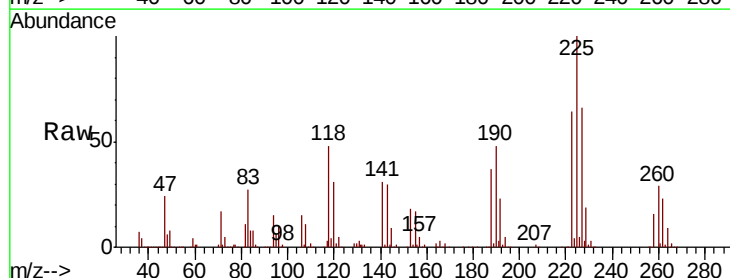
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

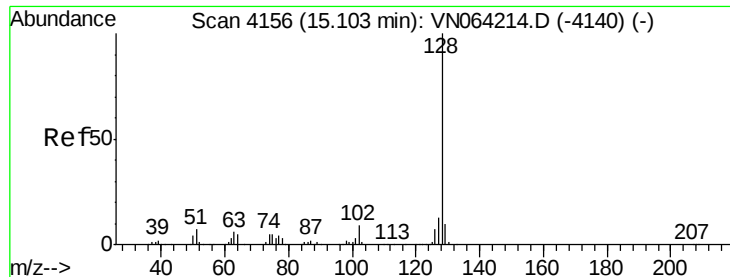
Tot Ion:180 Resp: 656064
 Ion Ratio Lower Upper
 180 100
 182 95.8 46.9 140.7
 145 31.7 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 176.235 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064216.D
 Acq: 21 Oct 2020 12:32

Tgt Ion:225 Resp: 311257
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.5 94.5
 227 65.9 32.1 96.5





#95

Naphthalene

Concen: 219.727 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Instrument :

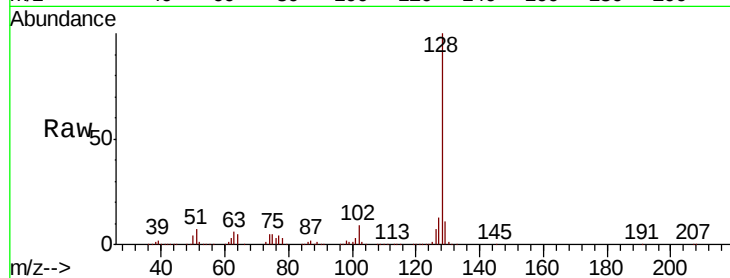
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 1975790

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.6	8.6	12.8

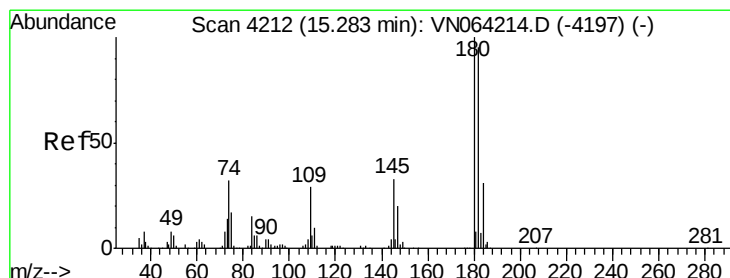
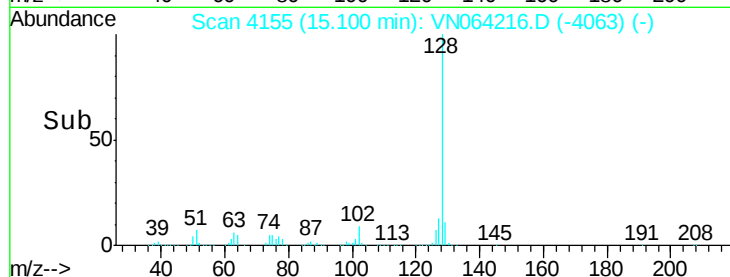
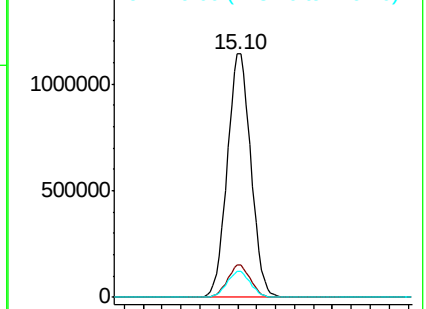


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 208.340 ug/l

RT: 15.28 min Scan# 4212

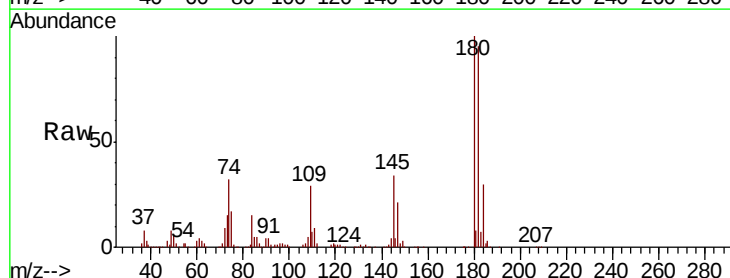
Delta R.T. 0.00 min

Lab File: VN064216.D

Acq: 21 Oct 2020 12:32

Tgt Ion:180 Resp: 623229

Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.2
145	34.3	17.1	51.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

