

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
 Data File : VN065044.D
 Acq On : 10 Dec 2020 14:49
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Dec 10 15:41:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 14:05:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	174819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	277307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	241646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	2755	1.36	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	2.72%#
35) Dibromofluoromethane	7.54	113	2293	1.36	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	2.72%#
50) Toluene-d8	10.05	98	7904	1.16	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	2.32%#
62) 4-Bromofluorobenzene	12.37	95	2941	1.21	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	2.42%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	1411	0.966	ug/l 97
3) Chloromethane	2.04	50	1693	0.886	ug/l # 85
4) Vinyl Chloride	2.17	62	1848	0.922	ug/l 92
5) Bromomethane	2.54	94	1673	1.272	ug/l 99
6) Chloroethane	2.68	64	1145	0.913	ug/l 89
7) Trichlorofluoromethane	2.99	101	2250	0.802	ug/l 99
8) Diethyl Ether	3.38	74	858	0.773	ug/l # 48
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1505	0.891	ug/l # 47
10) Methyl Iodide	3.91	142	748	0.348	ug/l # 56
11) Tert butyl alcohol	4.73	59	770	2.532	ug/l # 72
12) 1,1-Dichloroethene	3.70	96	1715	1.031	ug/l # 59
13) Acrolein	3.55	56	392	2.013	ug/l # 57
14) Allyl chloride	4.27	41	1951	0.710	ug/l # 84
15) Acrylonitrile	4.94	53	2753	3.197	ug/l # 81
16) Acetone	3.78	43	3895	5.707	ug/l 91
17) Carbon Disulfide	4.01	76	6326	1.334	ug/l 96
18) Methyl Acetate	4.26	43	517	0.259	ug/l # 74
19) Methyl tert-butyl Ether	4.98	73	2215	0.412	ug/l 93
20) Methylene Chloride	4.50	84	1451	0.697	ug/l # 86
21) trans-1,2-Dichloroethene	4.98	96	1895	1.024	ug/l # 78
22) Diisopropyl ether	5.89	45	1863	0.336	ug/l # 68
23) Vinyl Acetate	5.84	43	13328	3.023	ug/l 96
24) 1,1-Dichloroethane	5.80	63	1216	0.367	ug/l # 83
25) 2-Butanone	6.78	43	2336	2.190	ug/l 95
26) 2,2-Dichloropropane	6.77	77	2421	0.842	ug/l # 57
27) cis-1,2-Dichloroethene	6.76	96	791	0.377	ug/l # 1
28) Bromochloromethane	7.14	49	1522	1.002	ug/l # 76
29) Tetrahydrofuran	7.17	42	1914	2.624	ug/l # 81
30) Chloroform	7.32	83	1706	0.496	ug/l 97
31) Cyclohexane	7.61	56	4995	1.807	ug/l # 21
32) 1,1,1-Trichloroethane	7.52	97	2438	0.829	ug/l # 48
36) 1,1-Dichloropropene	7.74	75	2103	0.826	ug/l # 84
37) Ethyl Acetate	6.88	43	1392	0.576	ug/l # 67
38) Carbon Tetrachloride	7.73	117	2098	0.791	ug/l 87

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 VSTDIC001

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	2165	0.802	ug/l	90
40) Benzene	7.99	78	5908	0.757	ug/l #	89
42) 1,2-Dichloroethane	8.08	62	1823	0.691	ug/l	78
43) Isopropyl Acetate	8.12	43	2713	0.694	ug/l #	72
44) Trichloroethene	8.79	130	1855	0.809	ug/l	93
45) 1,2-Dichloropropane	9.07	63	1415	0.694	ug/l	99
46) Dibromomethane	9.17	93	950	0.700	ug/l #	86
47) Bromodichloromethane	9.36	83	2149	0.787	ug/l #	90
48) Methyl methacrylate	9.16	41	1244	0.666	ug/l	93
49) 1,4-Dioxane	9.17	88	365	10.357	ug/l #	64
51) 4-Methyl-2-Pentanone	9.95	43	7066	3.012	ug/l	96
52) Toluene	10.12	92	3687	0.765	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	2010	0.664	ug/l #	70
54) cis-1,3-Dichloropropene	9.80	75	2559	0.787	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	1498	0.751	ug/l #	83
56) Ethyl methacrylate	10.40	69	1482	0.548	ug/l #	85
57) 1,3-Dichloropropane	10.68	76	2254	0.689	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	5334	3.577	ug/l	90
59) 2-Hexanone	10.72	43	5232	3.102	ug/l	77
60) Dibromochloromethane	10.86	129	1411	0.639	ug/l	72
61) 1,2-Dibromoethane	10.97	107	1450	0.720	ug/l	96
64) Tetrachloroethene	10.59	164	1920	0.827	ug/l	95
65) Chlorobenzene	11.40	112	4626	0.889	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	11.48	131	1535	0.803	ug/l #	50
67) Ethyl Benzene	11.48	91	6648	0.770	ug/l	98
68) m/p-Xylenes	11.60	106	4470	1.360	ug/l	82
69) o-Xylene	11.92	106	2111	0.678	ug/l	92
70) Styrene	11.94	104	3637	0.692	ug/l	98
71) Bromoform	12.09	173	993	0.654	ug/l #	89
73) Isopropylbenzene	12.22	105	5183	0.751	ug/l	94
74) N-amyl acetate	12.04	43	1703	0.639	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.48	83	1855	0.914	ug/l #	93
76) 1,2,3-Trichloropropane	12.53	75	2438	1.155	ug/l #	100
77) Bromobenzene	12.50	156	1675	0.898	ug/l	80
78) n-propylbenzene	12.56	91	6069	0.775	ug/l	96
79) 2-Chlorotoluene	12.65	91	3638	0.751	ug/l	93
80) 1,3,5-Trimethylbenzene	12.71	105	3921	0.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	402	0.527	ug/l #	78
82) 4-Chlorotoluene	12.75	91	4276	0.841	ug/l	94
83) tert-Butylbenzene	12.96	119	3624	0.754	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	3933	0.677	ug/l	94
85) sec-Butylbenzene	13.14	105	4630	0.730	ug/l	94
86) p-Isopropyltoluene	13.26	119	3644	0.631	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	3185	0.961	ug/l	95
88) 1,4-Dichlorobenzene	13.33	146	3589	1.024	ug/l	84
89) n-Butylbenzene	13.59	91	3598	0.713	ug/l	97
90) Hexachloroethane	13.84	117	968	0.960	ug/l	78
91) 1,2-Dichlorobenzene	13.63	146	3379	1.038	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	14.25	75	304	0.681	ug/l #	46
93) 1,2,4-Trichlorobenzene	14.88	180	1355	0.688	ug/l	91

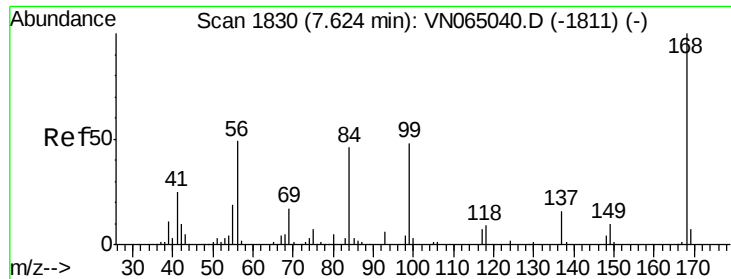
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	1302	1.297	ug/l	94
95) Naphthalene	15.11	128	3350	0.570	ug/l	96
96) 1,2,3-Trichlorobenzene	15.29	180	1391	0.718	ug/l	88

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

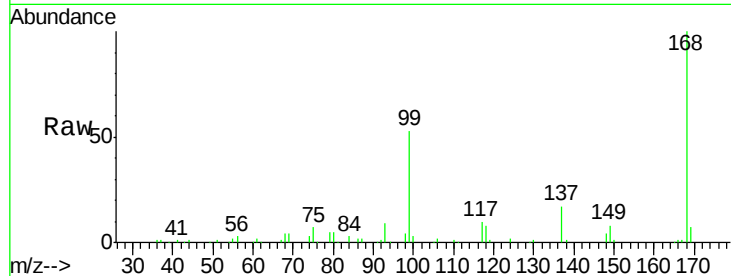
VSTDIC001

Tgt Ion:168 Resp: 174819

Ion Ratio Lower Upper

168 100

99 52.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

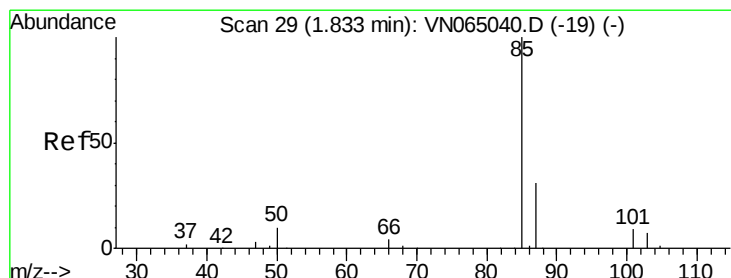
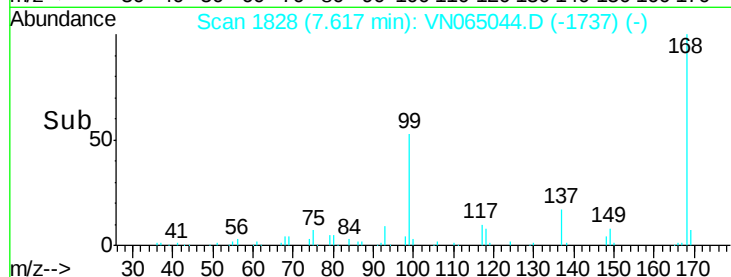
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 0.966 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN065044.D

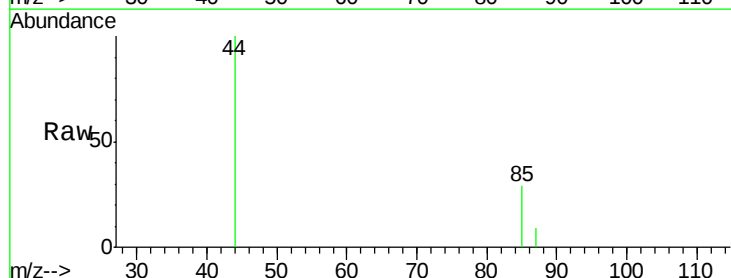
Acq: 10 Dec 2020 14:49

Tgt Ion: 85 Resp: 1411

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

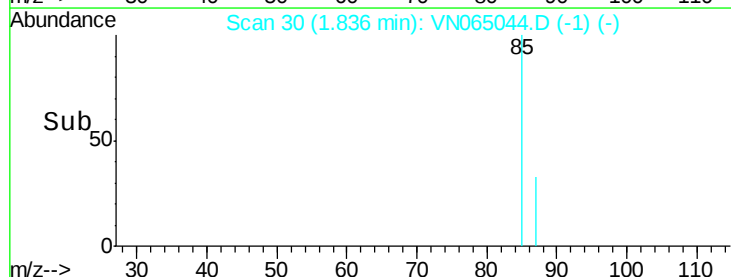
1.84

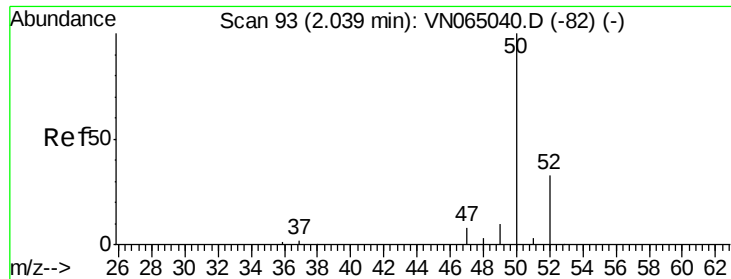
1000

500

0

Time--> 1.80 1.82 1.84 1.86





#3

Chloromethane

Concen: 0.886 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

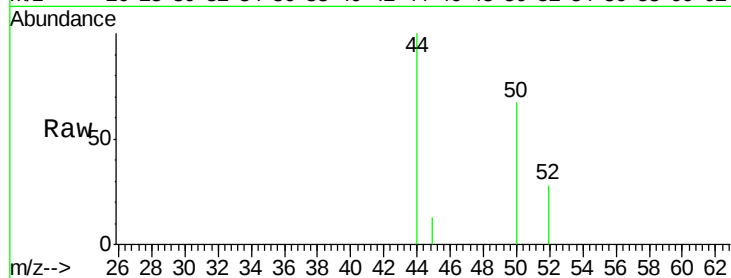
VSTDIC001

Tgt Ion: 50 Resp: 1693

Ion Ratio Lower Upper

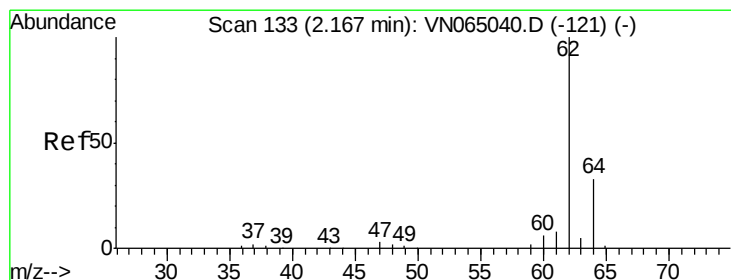
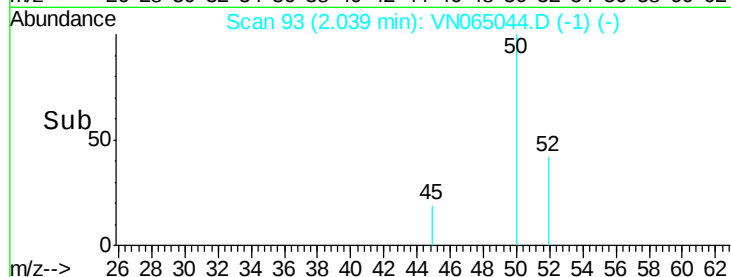
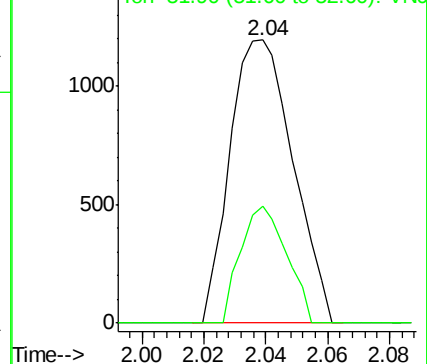
50 100

52 41.5 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 0.922 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN065044.D

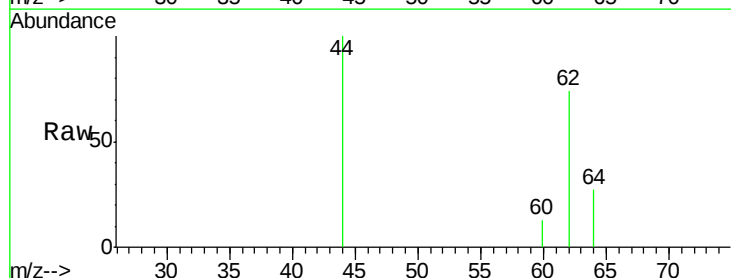
Acq: 10 Dec 2020 14:49

Tgt Ion: 62 Resp: 1848

Ion Ratio Lower Upper

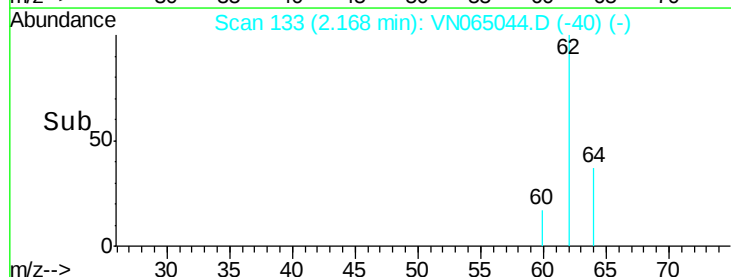
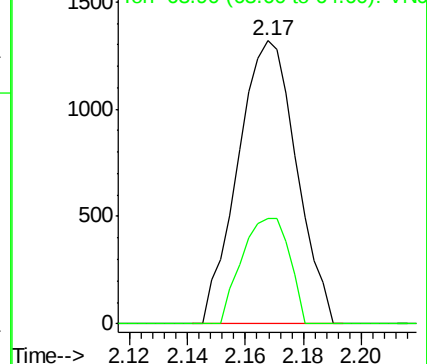
62 100

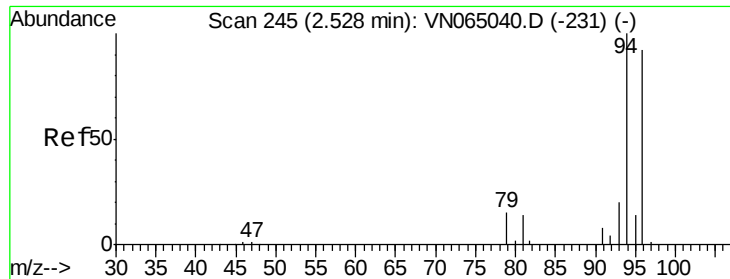
64 37.0 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

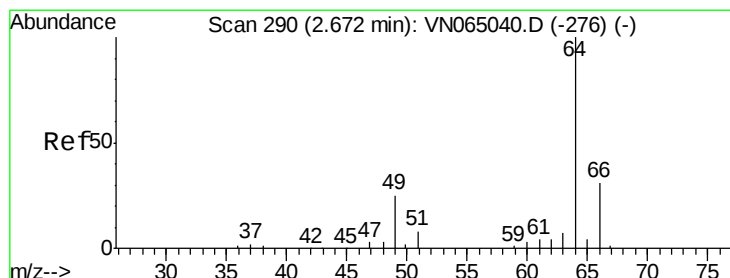
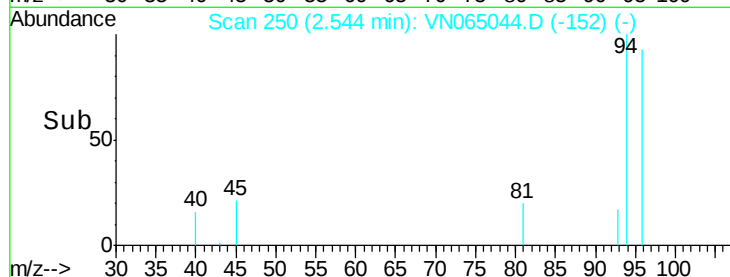
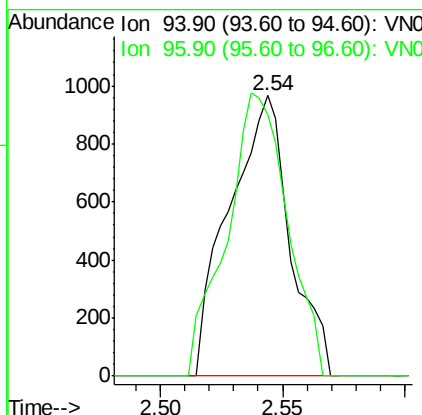
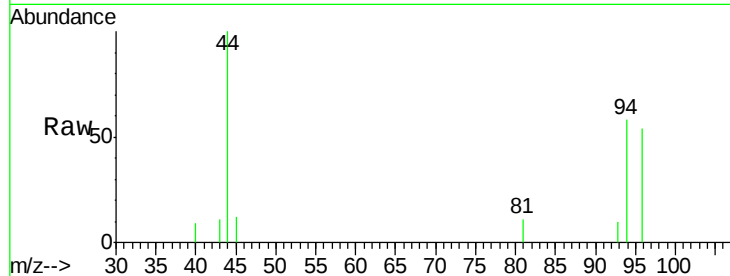




#5
Bromomethane
Concen: 1.272 ug/l
RT: 2.54 min Scan# 250
Delta R.T. 0.02 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

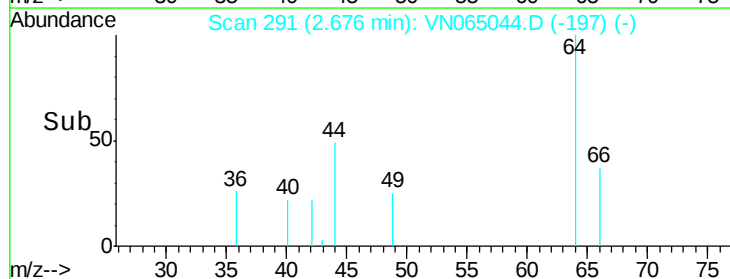
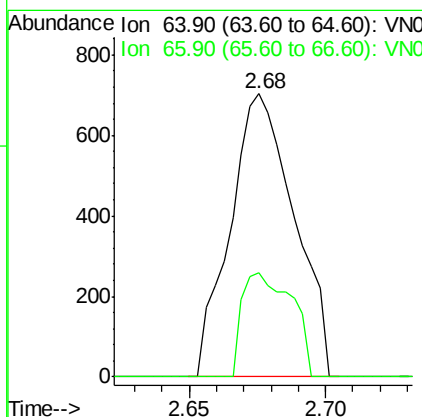
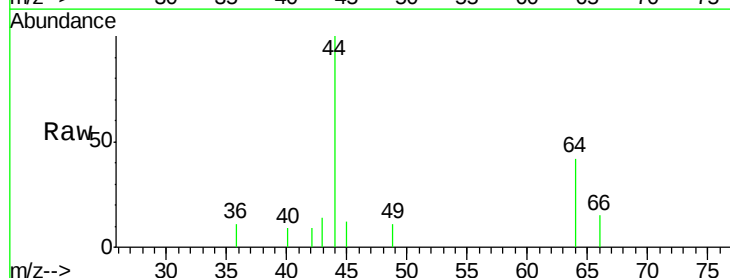
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

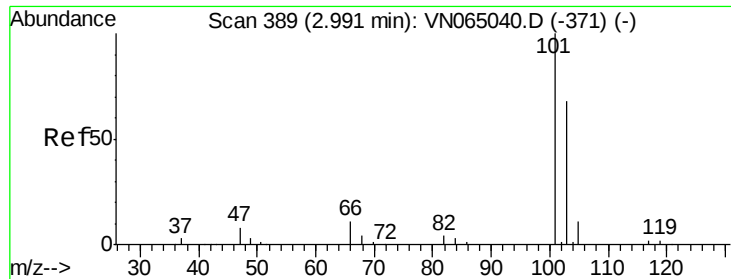
Tgt Ion: 94 Resp: 1673
Ion Ratio Lower Upper
94 100
96 93.2 73.8 110.8



#6
Chloroethane
Concen: 0.913 ug/l
RT: 2.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion: 64 Resp: 1145
Ion Ratio Lower Upper
64 100
66 36.7 24.6 37.0





#7

Trichlorofluoromethane

Concen: 0.802 ug/l

RT: 2.99 min Scan# 388

Delta R.T. -0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

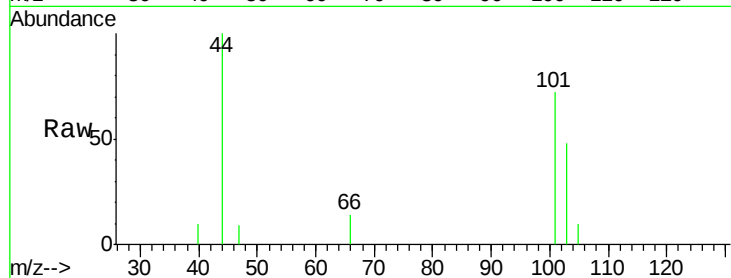
VSTDIC001

Tgt Ion: 101 Resp: 2250

Ion Ratio Lower Upper

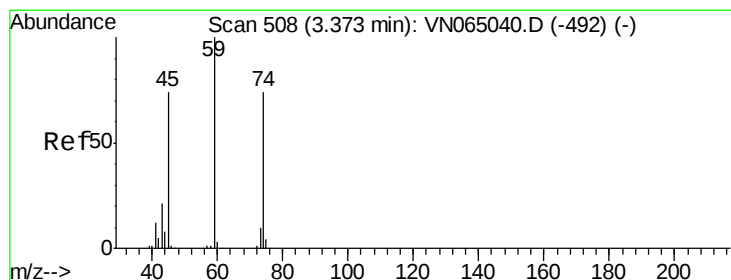
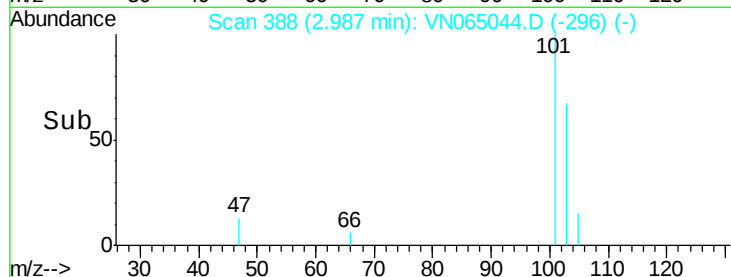
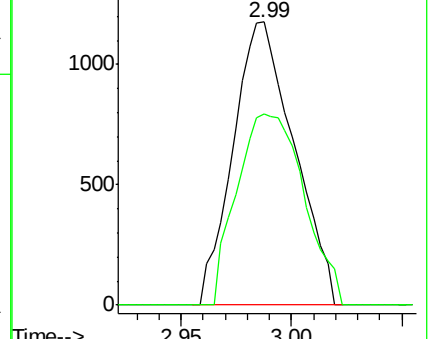
101 100

103 67.5 54.5 81.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 0.773 ug/l

RT: 3.38 min Scan# 509

Delta R.T. 0.00 min

Lab File: VN065044.D

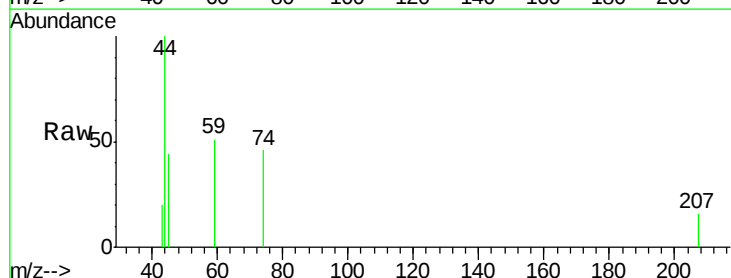
Acq: 10 Dec 2020 14:49

Tgt Ion: 74 Resp: 858

Ion Ratio Lower Upper

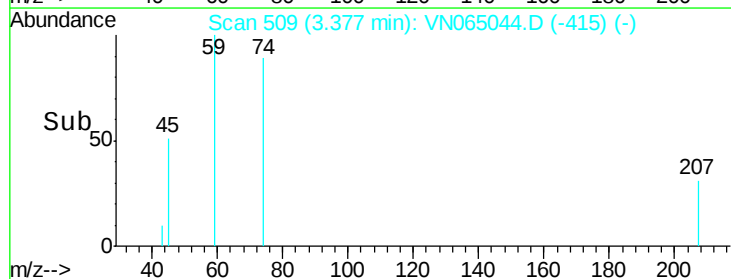
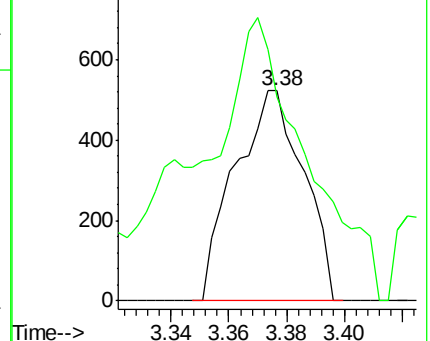
74 100

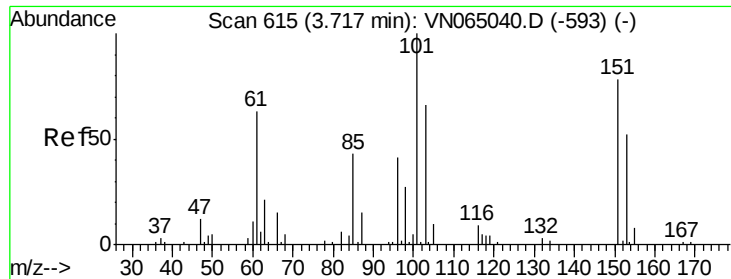
45 149.2 49.1 147.3#



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V

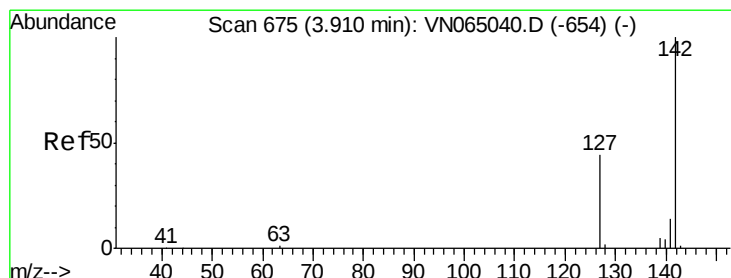
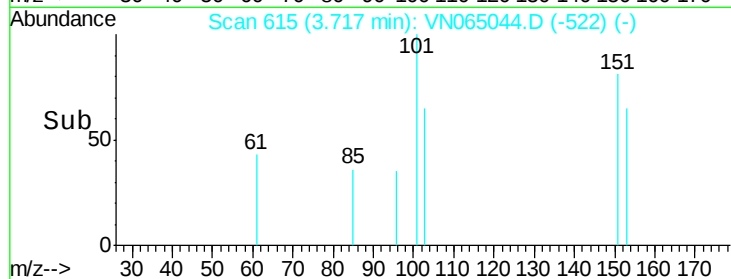
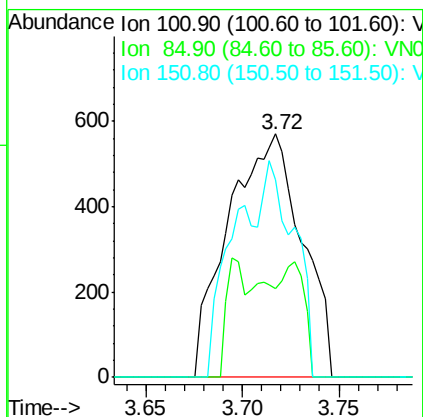
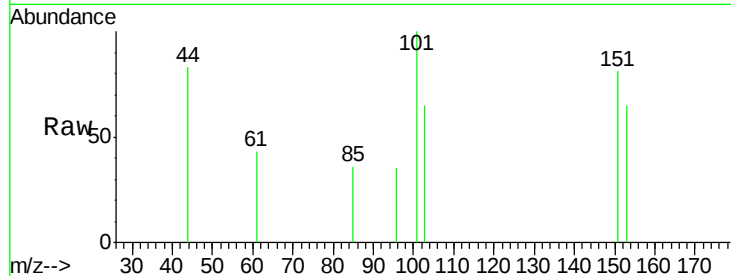




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.891 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VN065044.D
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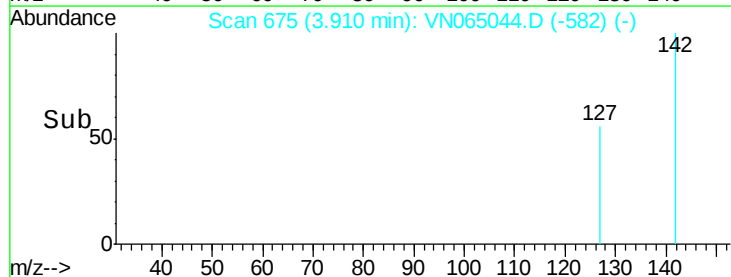
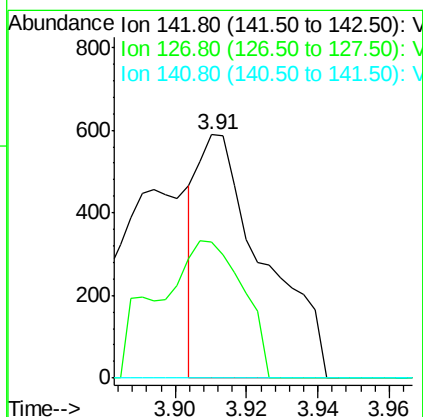
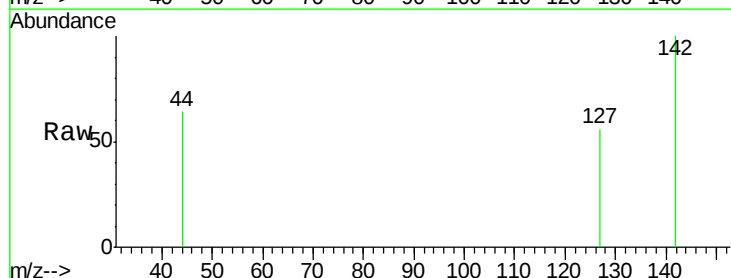
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

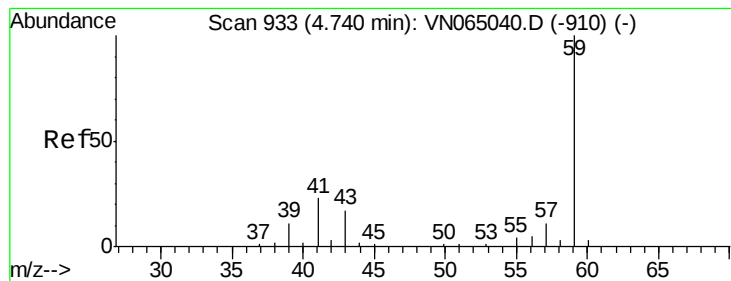
Tgt Ion:101 Resp: 1505
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.2 49.8#
 151 38.7 63.7 95.5#



#10
 Methyl Iodide
 Concen: 0.348 ug/l
 RT: 3.91 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion:142 Resp: 748
 Ion Ratio Lower Upper
 142 100
 127 73.7 34.6 52.0#
 141 0.0 10.9 16.3#



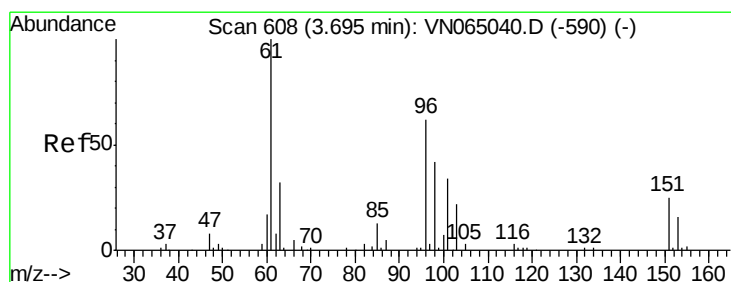
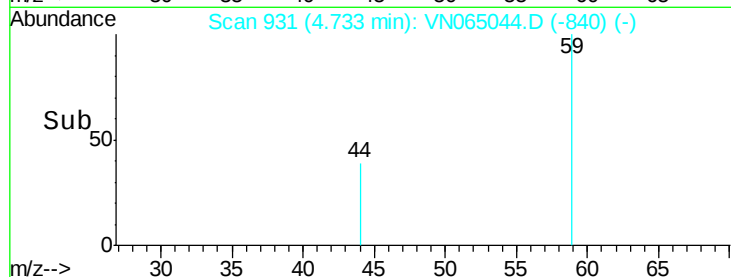
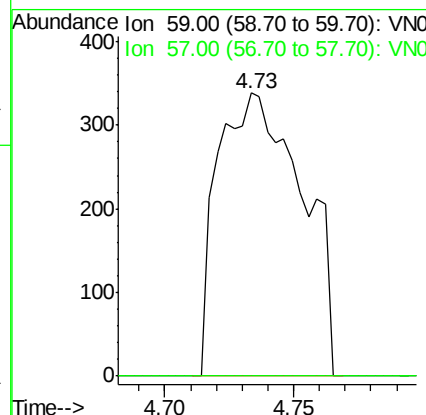
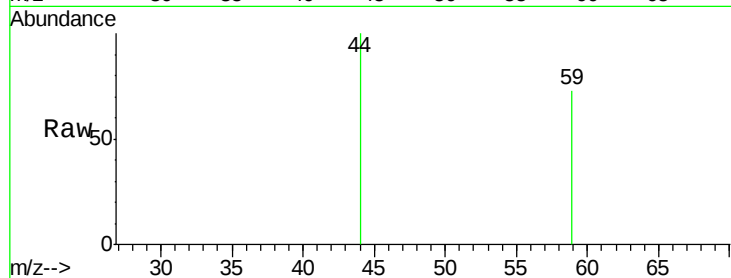


#11

Tert butyl alcohol
 Concen: 2.532 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

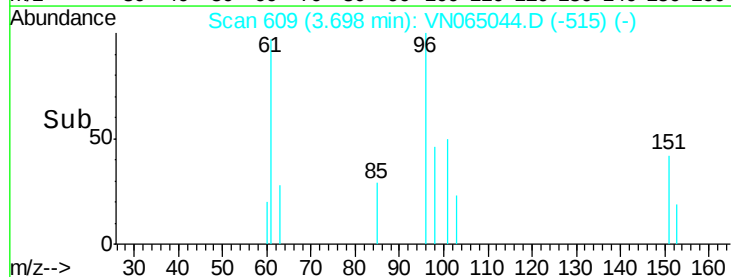
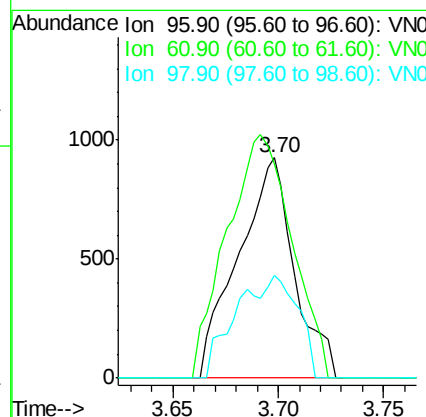
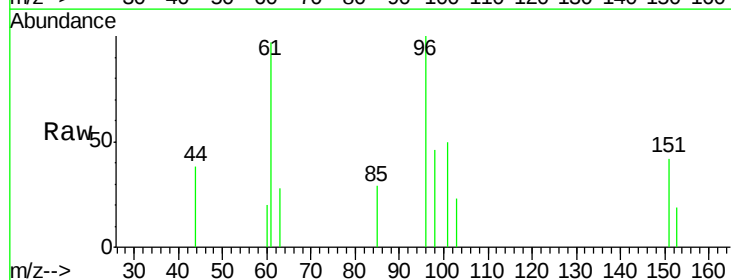
Tgt Ion: 59 Resp: 770
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

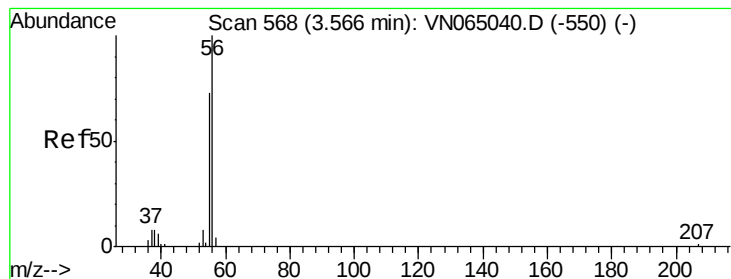


#12

1,1-Dichloroethene
 Concen: 1.031 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion: 96 Resp: 1715
 Ion Ratio Lower Upper
 96 100
 61 97.1 128.4 192.6#
 98 46.5 53.6 80.4#





#13

Acrolein

Concen: 2.013 ug/l

RT: 3.55 min Scan# 564

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

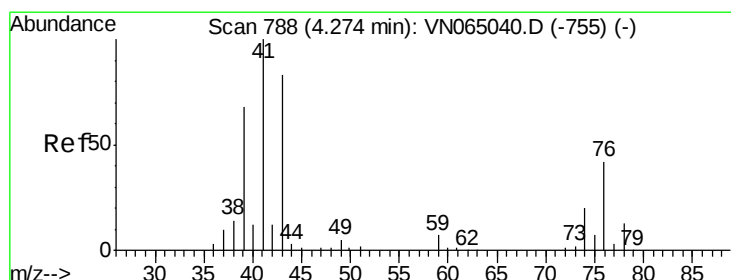
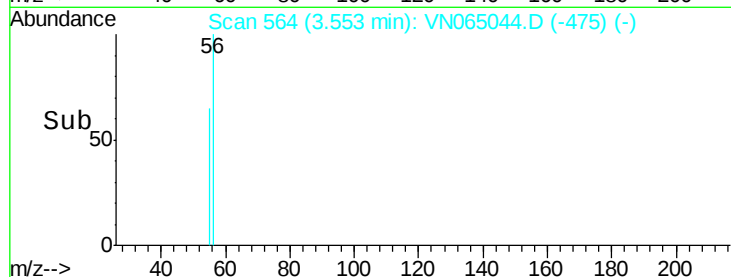
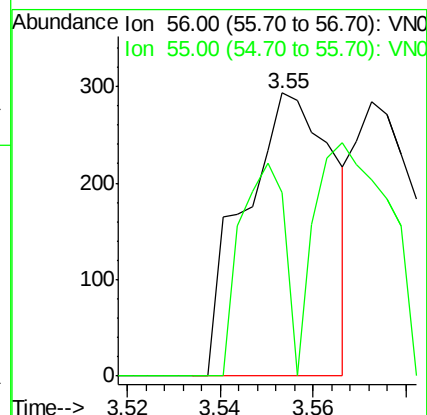
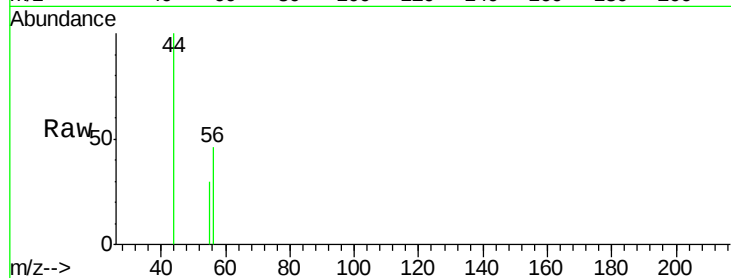
VSTDIC001

Tgt Ion: 56 Resp: 392

Ion Ratio Lower Upper

56 100

55 37.2 58.4 87.6#



#14

Allyl chloride

Concen: 0.710 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

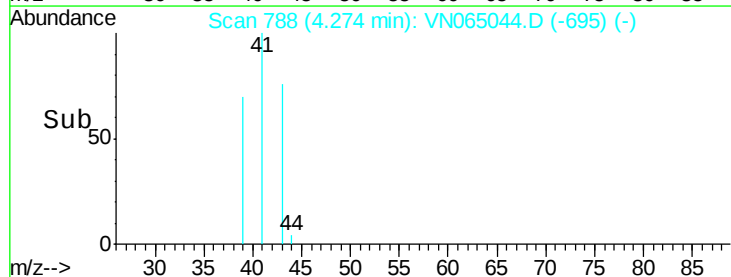
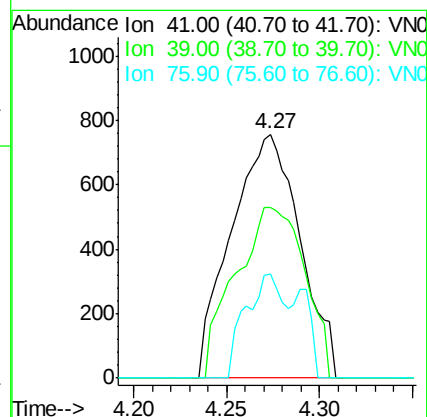
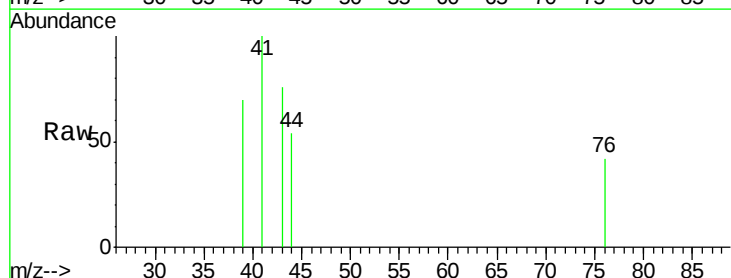
Tgt Ion: 41 Resp: 1951

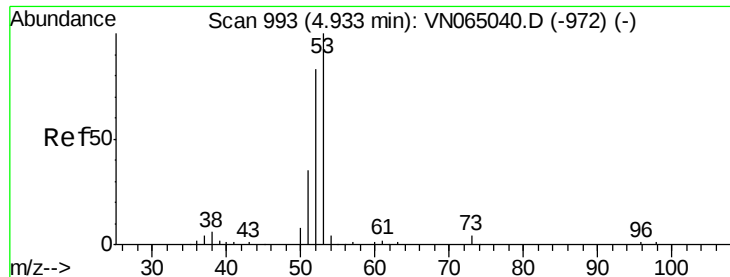
Ion Ratio Lower Upper

41 100

39 70.8 49.0 73.6

76 23.8 29.6 44.4#





#15

Acrylonitrile

Concen: 3.197 ug/l

RT: 4.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

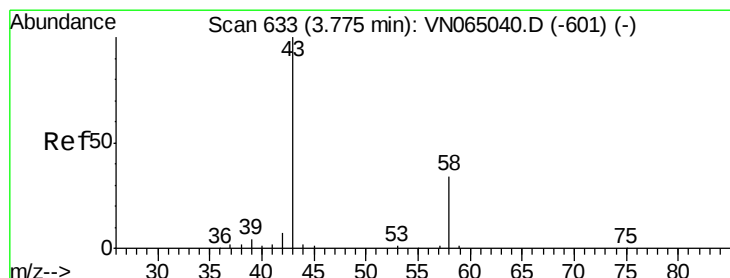
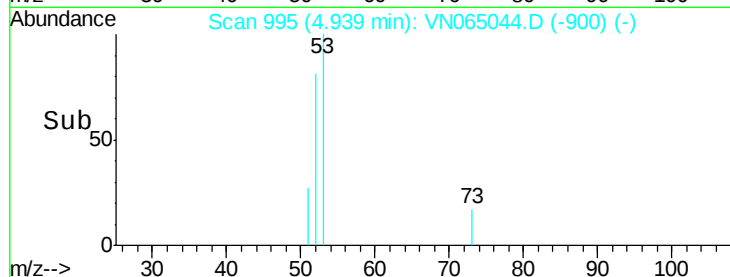
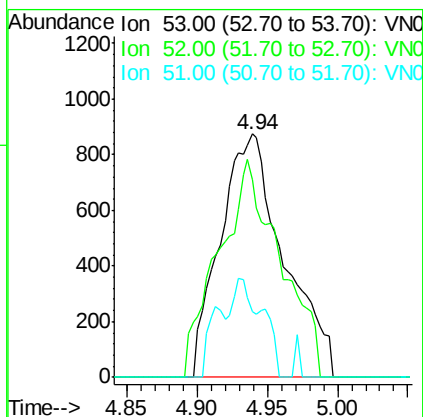
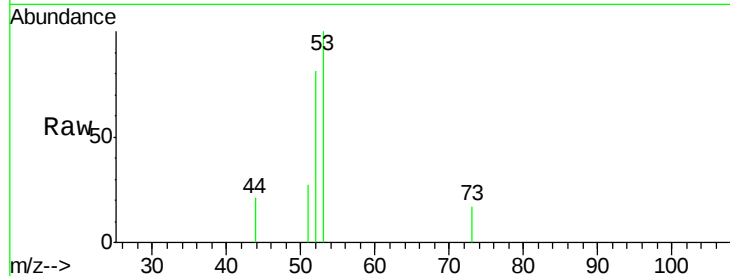
Tgt Ion: 53 Resp: 2753

Ion Ratio Lower Upper

53 100

52 86.7 65.4 98.0

51 6.1 27.8 41.6#



#16

Acetone

Concen: 5.707 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN065044.D

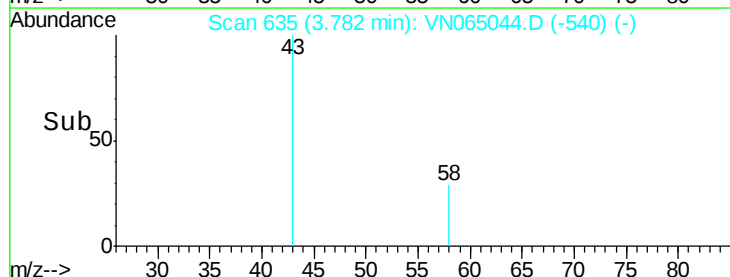
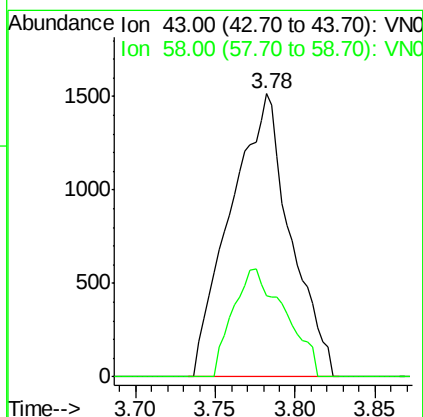
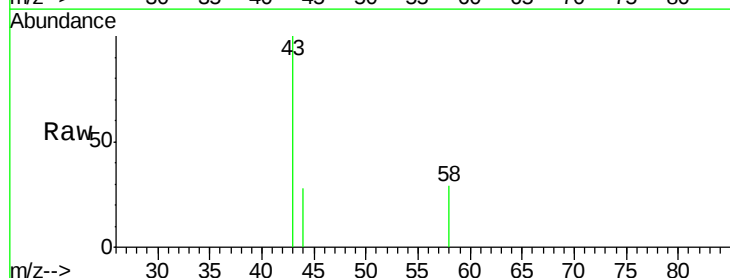
Acq: 10 Dec 2020 14:49

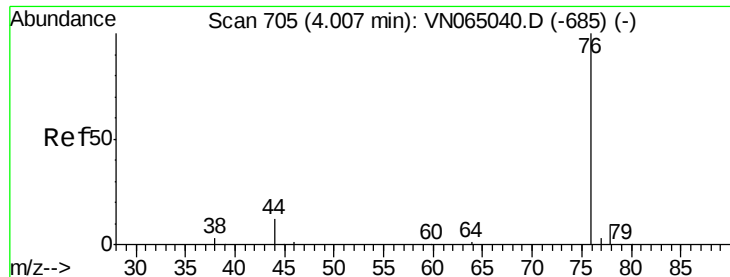
Tgt Ion: 43 Resp: 3895

Ion Ratio Lower Upper

43 100

58 28.5 26.8 40.2

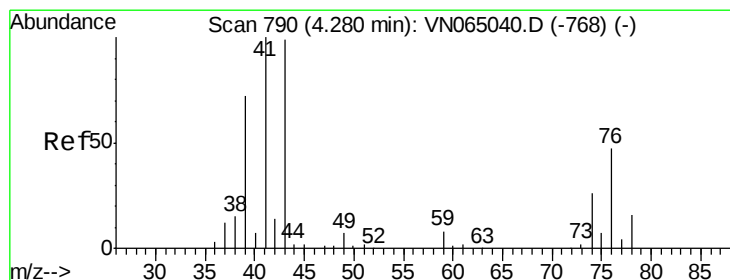
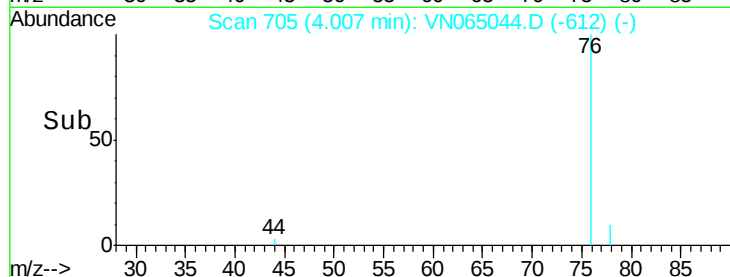
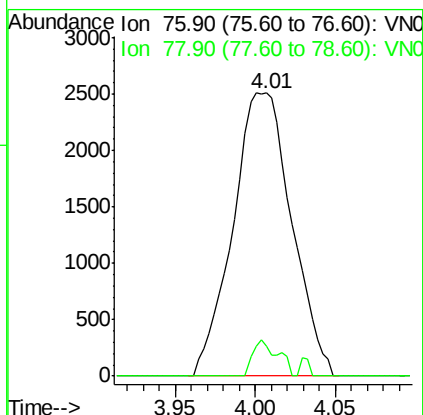
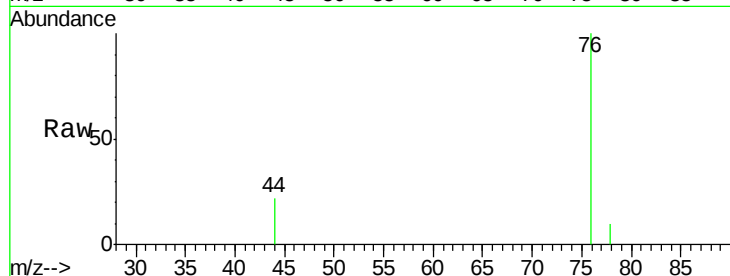




#17
Carbon Disulfide
Concen: 1.334 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

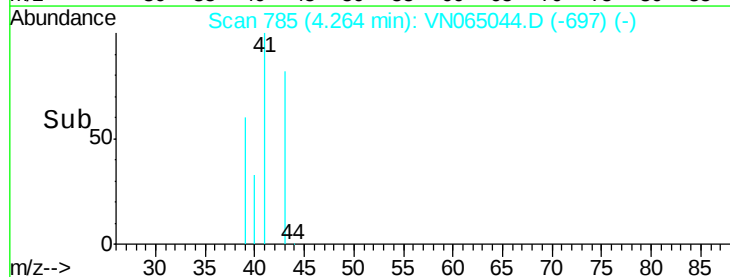
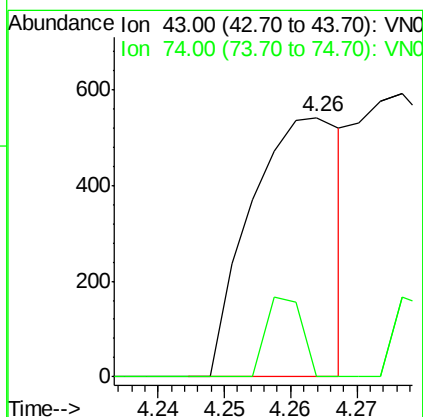
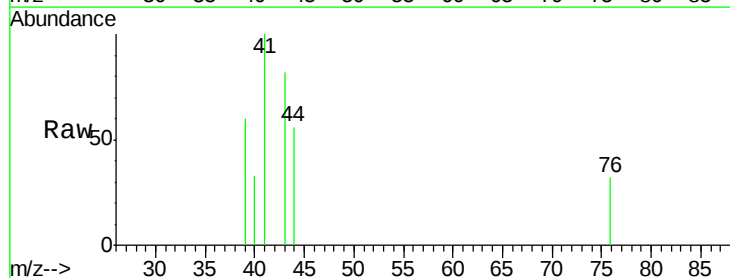
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

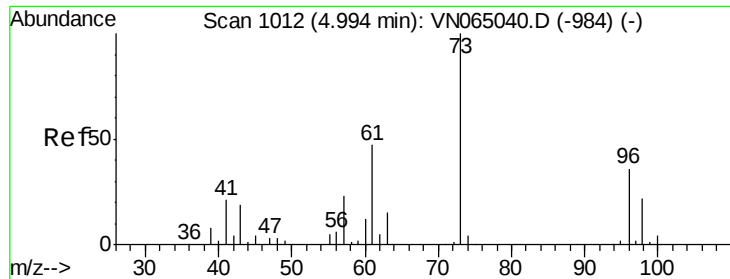
Tgt Ion: 76 Resp: 6326
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7



#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 4.26 min Scan# 785
Delta R.T. -0.02 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion: 43 Resp: 517
Ion Ratio Lower Upper
43 100
74 12.0 20.1 30.1#

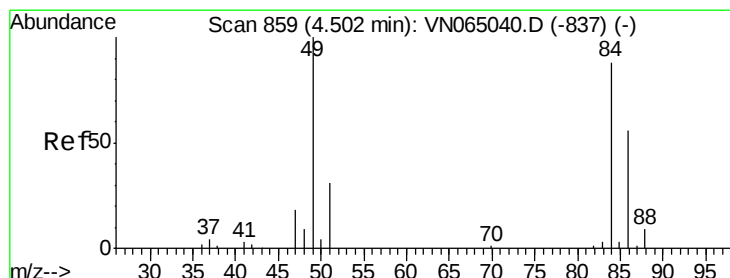
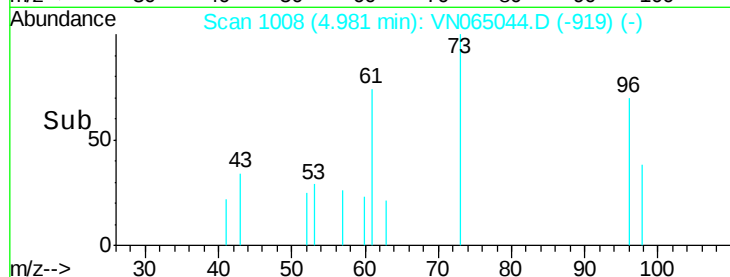
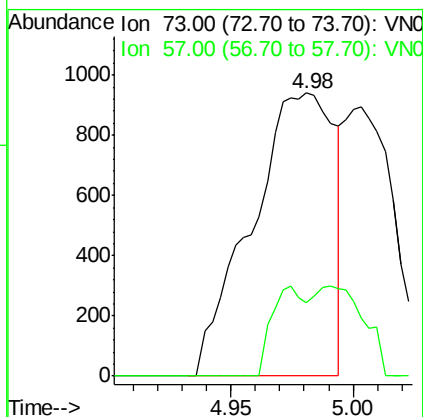
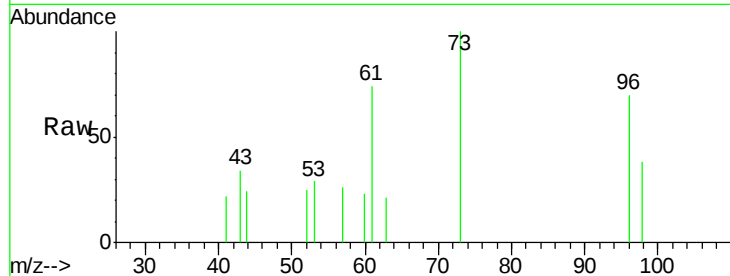




#19
Methyl tert-butyl Ether
Concen: 0.412 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

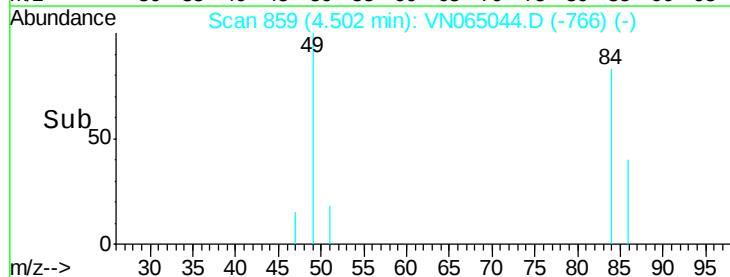
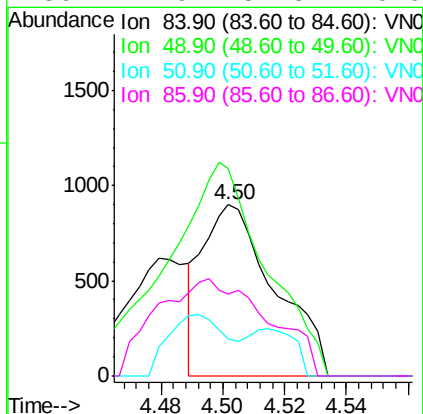
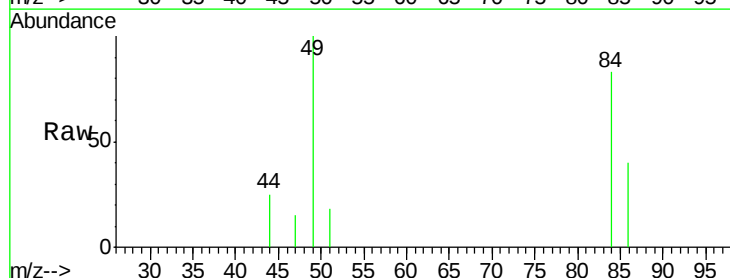
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

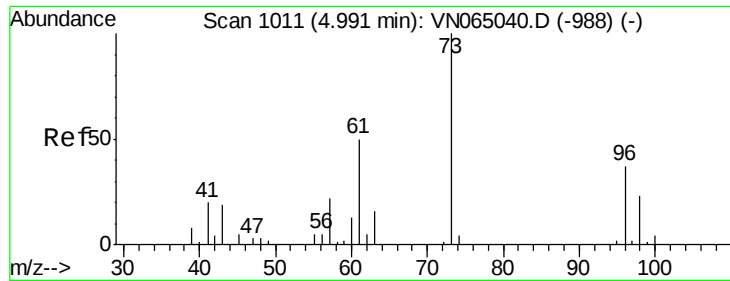
Tgt Ion: 73 Resp: 2215
Ion Ratio Lower Upper
73 100
57 25.9 18.0 27.0



#20
Methylene Chloride
Concen: 0.697 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion: 84 Resp: 1451
Ion Ratio Lower Upper
84 100
49 121.2 90.8 136.2
51 21.5 28.1 42.1#
86 47.9 51.3 76.9#





#21

trans-1,2-Dichloroethene

Concen: 1.024 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

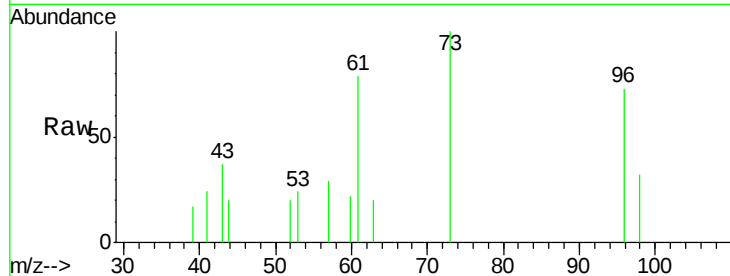
Tgt Ion: 96 Resp: 1895

Ion Ratio Lower Upper

96 100

61 108.7 107.1 160.7

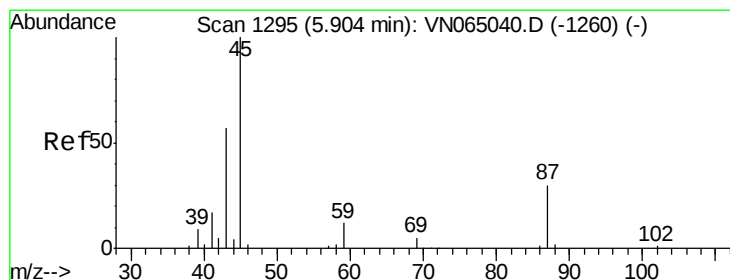
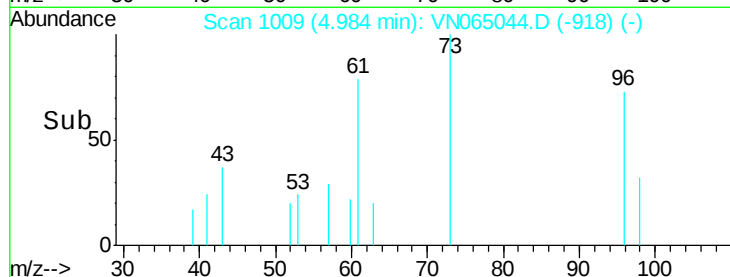
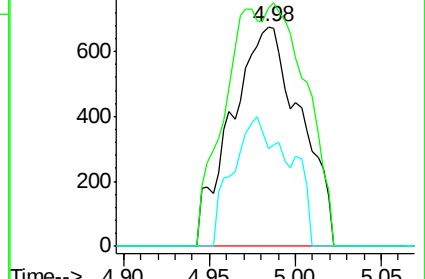
98 44.6 49.8 74.8#



Abundance Ion 95.90 (95.60 to 96.60): VN065044.D (-988) (-)

Ion 60.90 (60.60 to 61.60): VN065044.D (-988) (-)

Ion 97.90 (97.60 to 98.60): VN065044.D (-988) (-)



#22

Diisopropyl ether

Concen: 0.336 ug/l

RT: 5.89 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Tgt Ion: 45 Resp: 1863

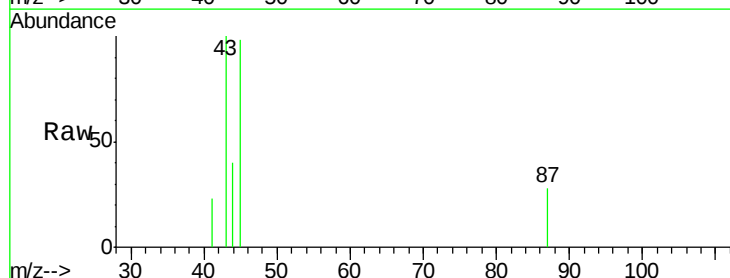
Ion Ratio Lower Upper

45 100

43 24.2 47.9 71.9#

87 28.6 24.3 36.5

59 0.0 9.5 14.3#

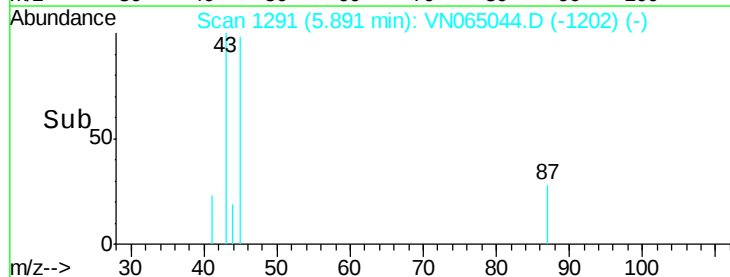
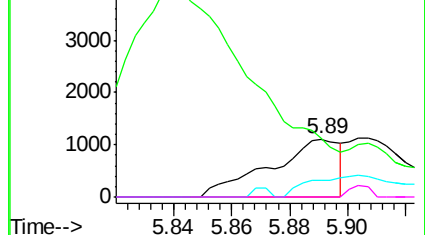


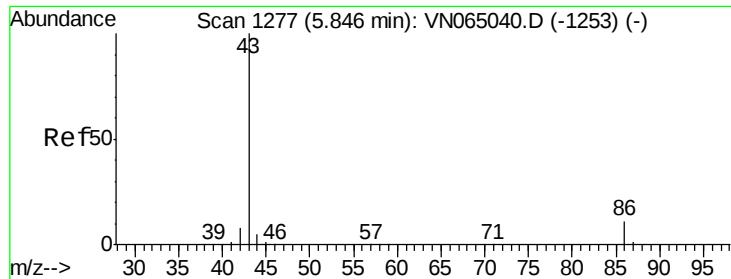
Abundance Ion 45.00 (44.70 to 45.70): VN065044.D (-1260) (-)

Ion 43.00 (42.70 to 43.70): VN065044.D (-1260) (-)

Ion 87.00 (86.70 to 87.70): VN065044.D (-1260) (-)

Ion 59.00 (58.70 to 59.70): VN065044.D (-1260) (-)





#23

Vinyl Acetate

Concen: 3.023 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

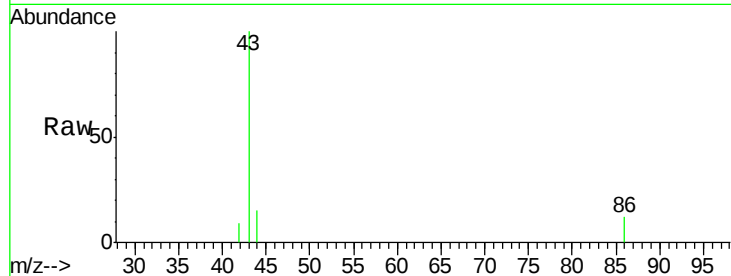
VSTDIC001

Tgt Ion: 43 Resp: 13328

Ion Ratio Lower Upper

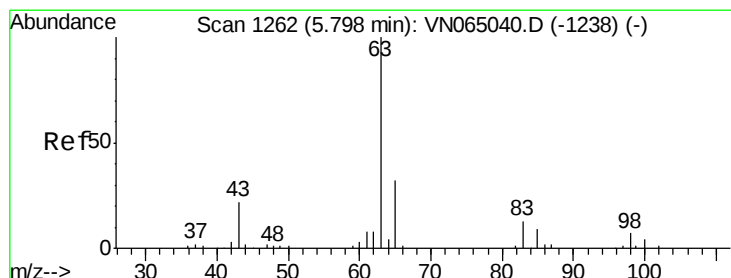
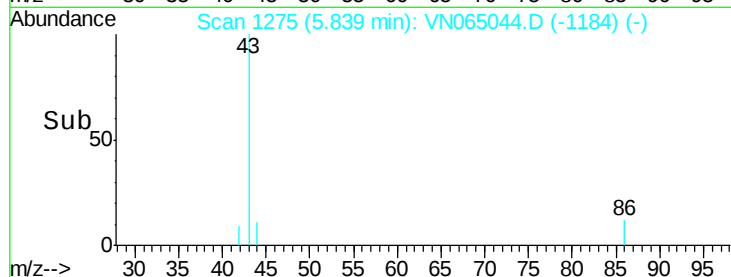
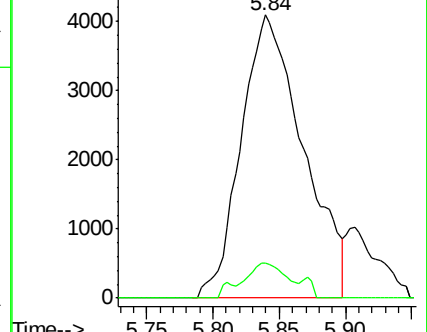
43 100

86 12.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-1253) (-)

Ion 86.00 (85.70 to 86.70): VN065040.D (-1253) (-)



#24

1,1-Dichloroethane

Concen: 0.367 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

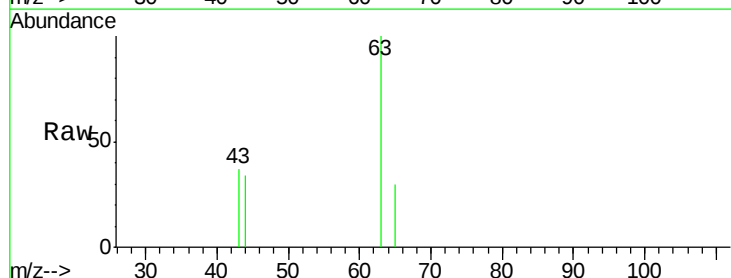
Tgt Ion: 63 Resp: 1216

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

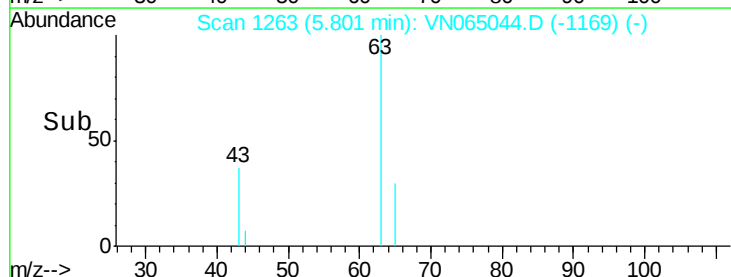
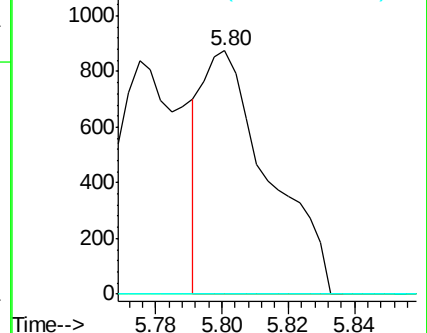
100 0.0 2.1 6.2#

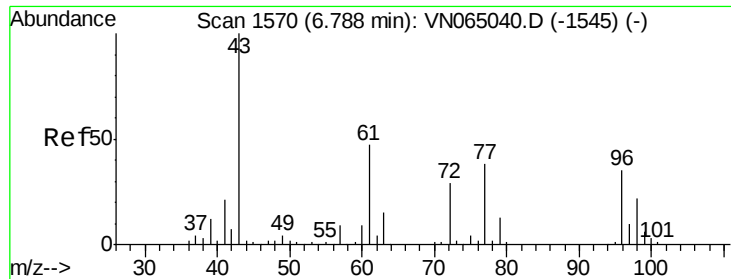


Abundance Ion 62.90 (62.60 to 63.60): VN065040.D (-1238) (-)

Ion 97.90 (97.60 to 98.60): VN065040.D (-1238) (-)

Ion 99.90 (99.60 to 100.60): VN065040.D (-1238) (-)

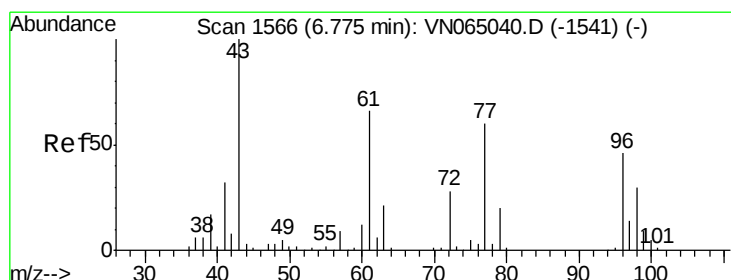
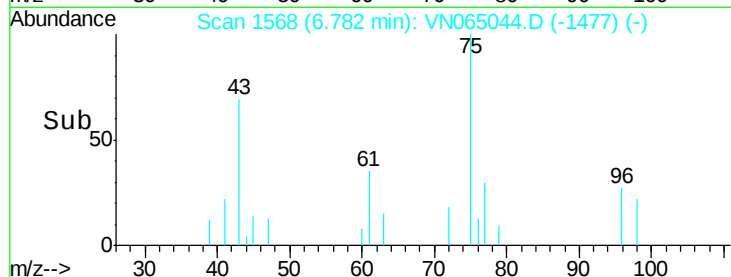
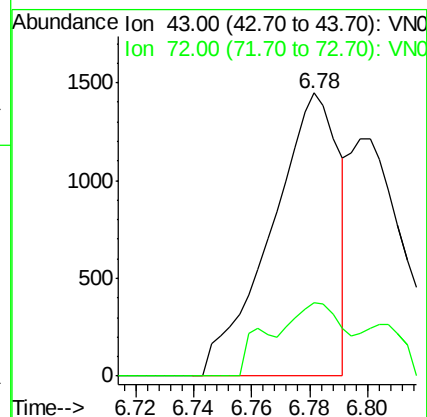
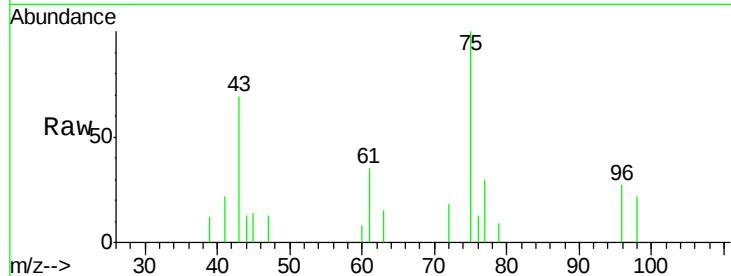




#25
2-Butanone
Concen: 2.190 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

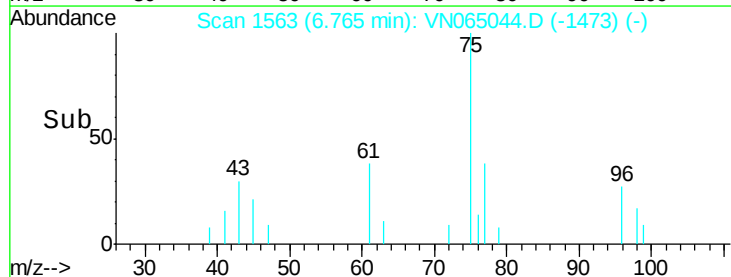
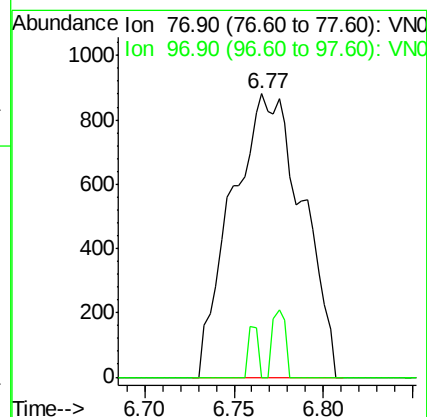
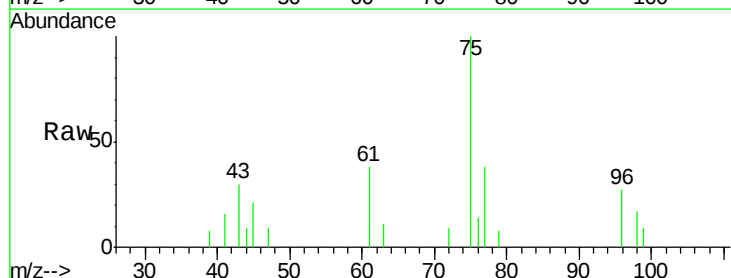
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

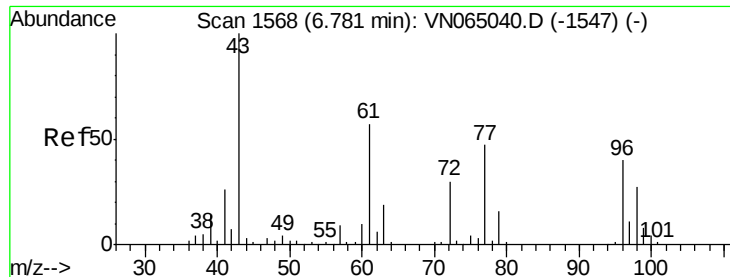
Tgt Ion: 43 Resp: 2336
Ion Ratio Lower Upper
43 100
72 26.1 22.9 34.3



#26
2,2-Dichloropropane
Concen: 0.842 ug/l
RT: 6.77 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion: 77 Resp: 2421
Ion Ratio Lower Upper
77 100
97 2.5 11.7 35.1#





#27

cis-1,2-Dichloroethene

Concen: 0.377 ug/l

RT: 6.76 min Scan# 1562

Delta R.T. -0.02 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

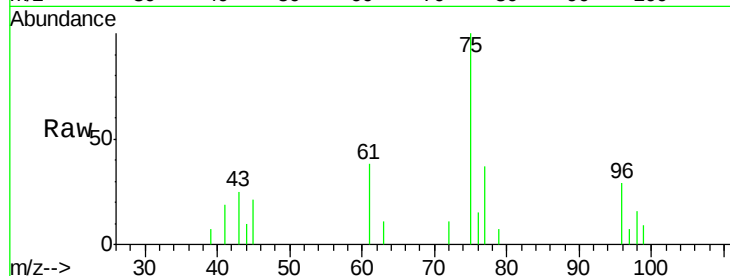
Tgt Ion: 96 Resp: 791

Ion Ratio Lower Upper

96 100

61 331.2 0.0 283.6#

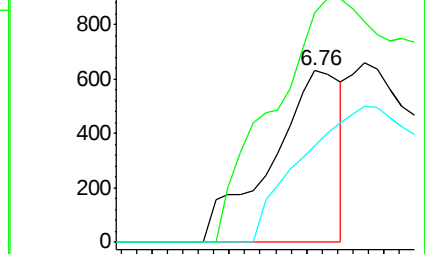
98 145.0 0.0 130.8#



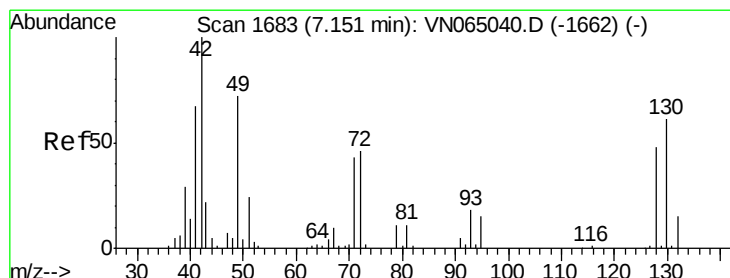
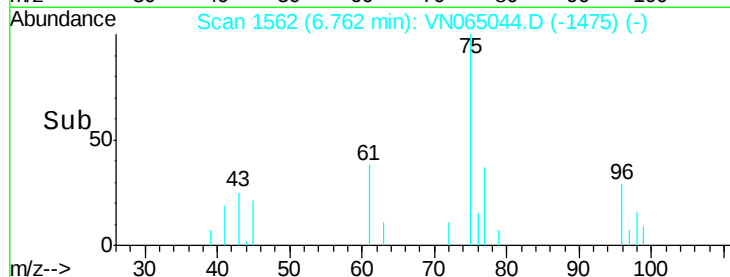
Abundance Ion 95.90 (95.60 to 96.60): VN065044.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN065044.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN065044.D (-1475) (-)



Time-->



#28

Bromochloromethane

Concen: 1.002 ug/l

RT: 7.14 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

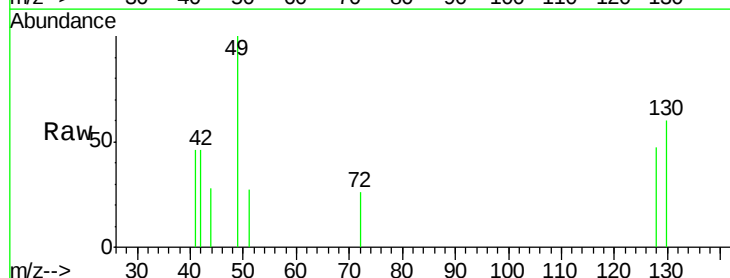
Tgt Ion: 49 Resp: 1522

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

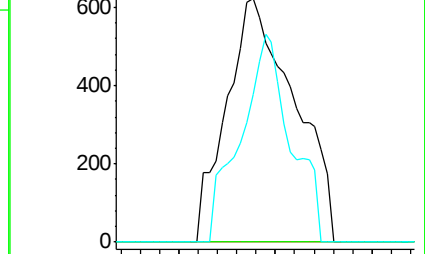
130 63.2 67.9 101.9#



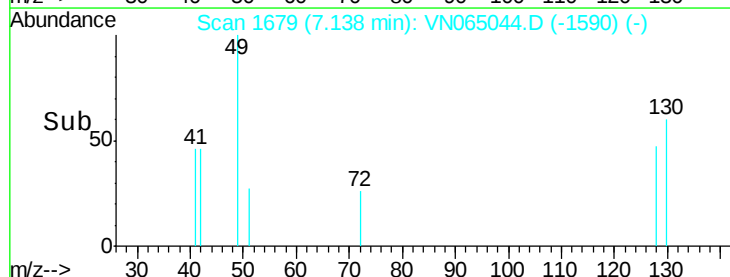
Abundance Ion 48.90 (48.60 to 49.60): VN065044.D (-1590) (-)

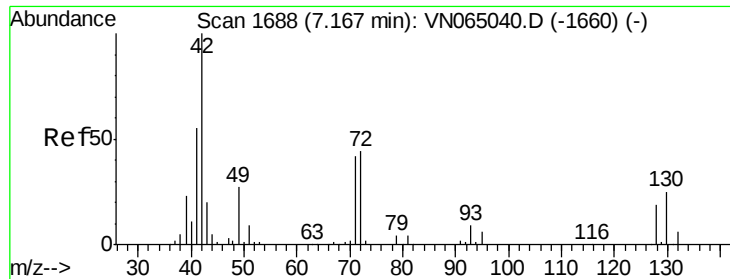
Ion 128.80 (128.50 to 129.50): VN065044.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN065044.D (-1590) (-)



Time-->





#29

Tetrahydrofuran

Concen: 2.624 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

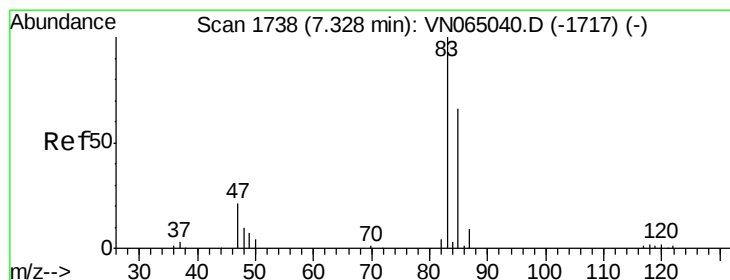
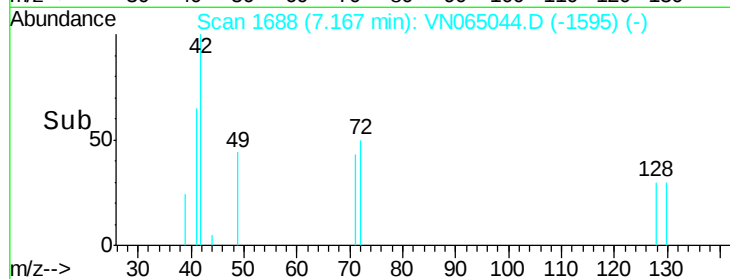
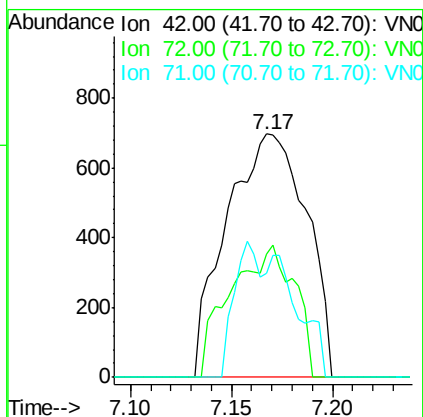
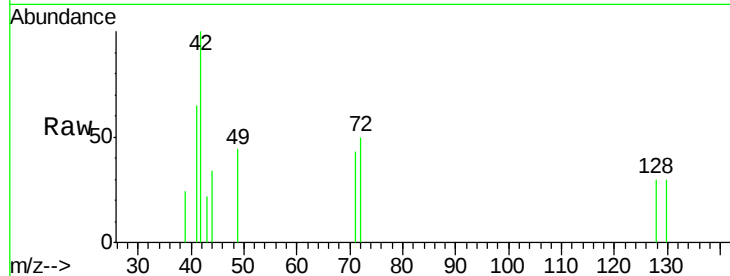
Tgt Ion: 42 Resp: 1914

Ion Ratio Lower Upper

42 100

72 43.7 35.8 53.6

71 18.0 33.5 50.3#



#30

Chloroform

Concen: 0.496 ug/l

RT: 7.32 min Scan# 1735

Delta R.T. -0.01 min

Lab File: VN065044.D

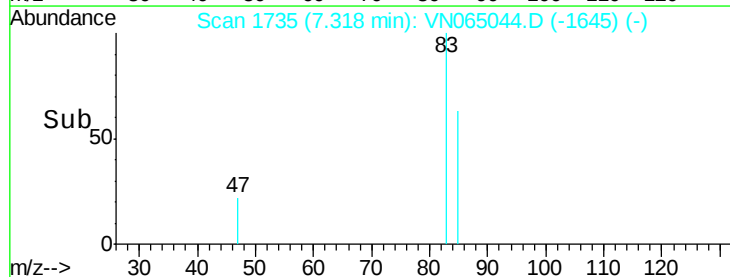
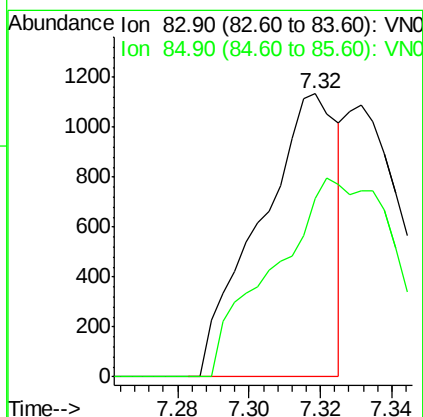
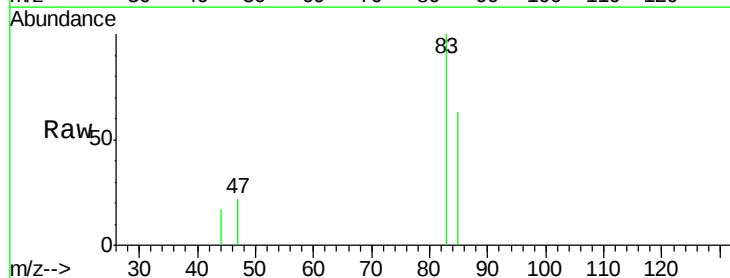
Acq: 10 Dec 2020 14:49

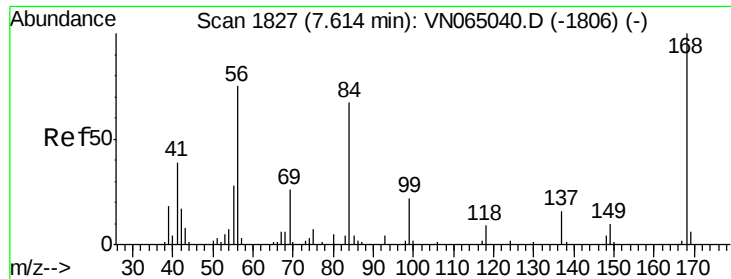
Tgt Ion: 83 Resp: 1706

Ion Ratio Lower Upper

83 100

85 63.0 52.6 78.8

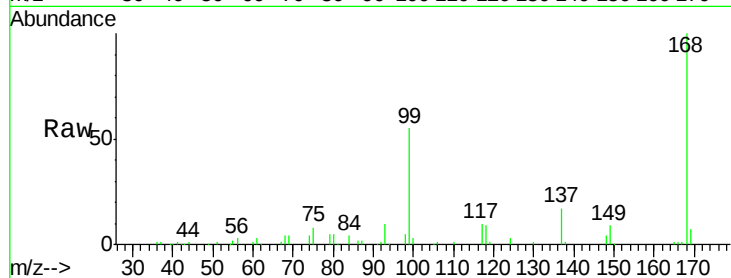




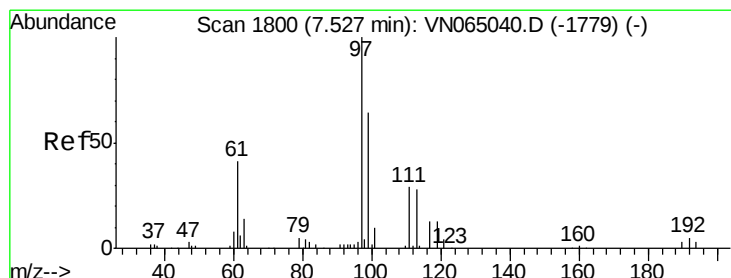
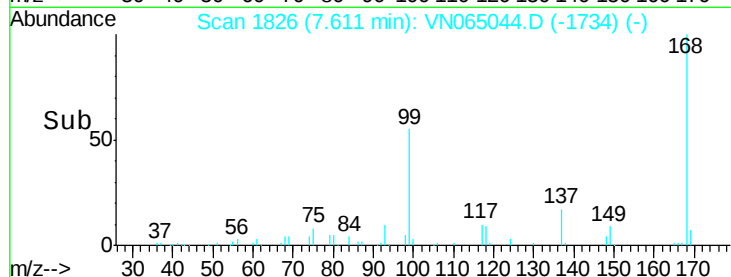
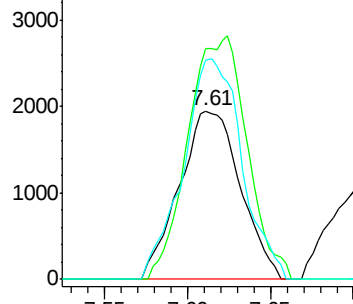
#31
Cyclohexane
Concen: 1.807 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 56 Resp: 4995
Ion Ratio Lower Upper
56 100
69 137.0 27.5 41.3#
84 130.0 72.4 108.6#

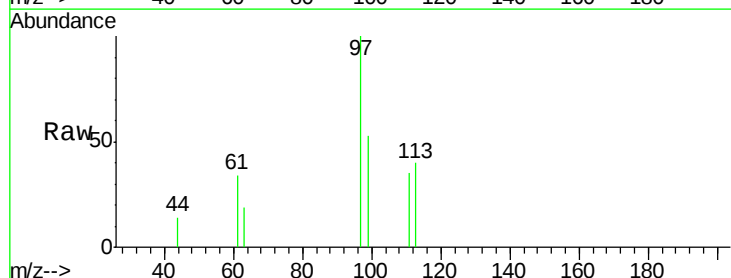


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

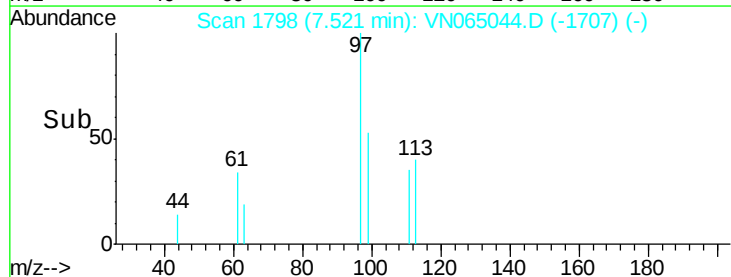
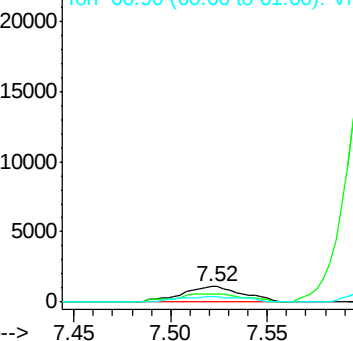


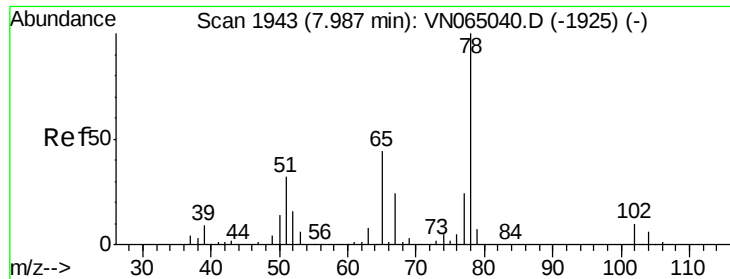
#32
1,1,1-Trichloroethane
Concen: 0.829 ug/l
RT: 7.52 min Scan# 1798
Delta R.T. -0.01 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion: 97 Resp: 2438
Ion Ratio Lower Upper
97 100
99 0.0 51.7 77.5#
61 38.4 33.5 50.3



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





#33

1,2-Dichloroethane-d4

Concen: 1.355 ug/l

RT: 7.98 min Scan# 1940

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

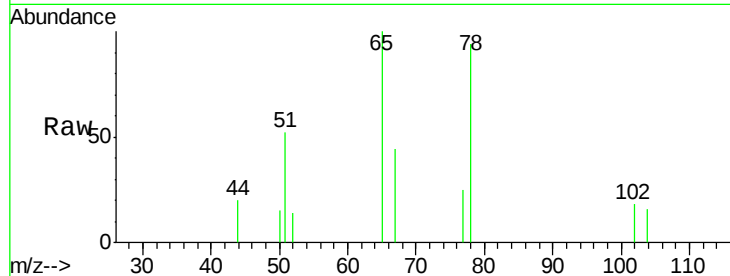
VSTDIC001

Tgt Ion: 65 Resp: 2755

Ion Ratio Lower Upper

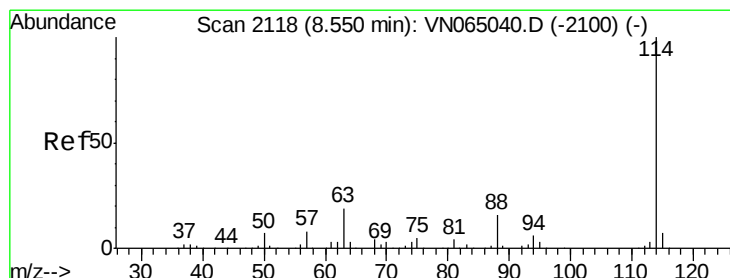
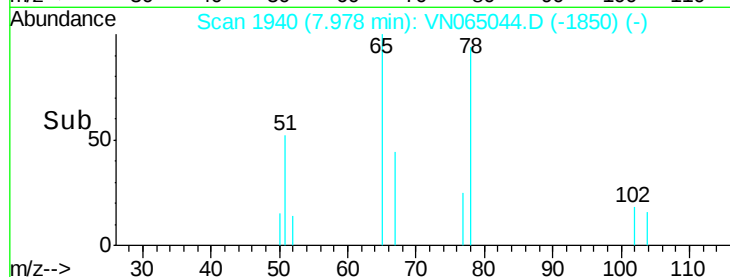
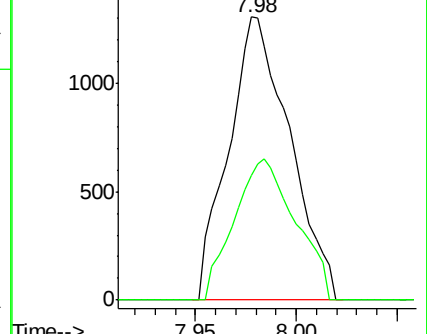
65 100

67 50.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN065040.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN065040.D (-1925) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.54 min Scan# 2116

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

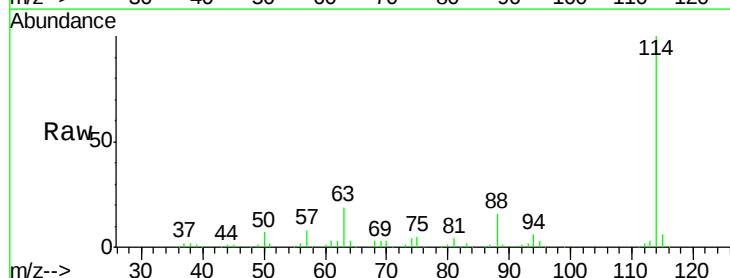
Tgt Ion: 114 Resp: 277307

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.2

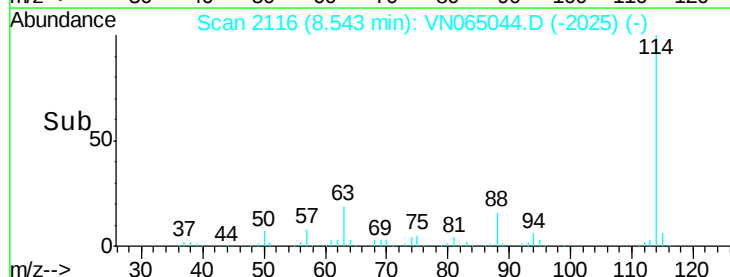
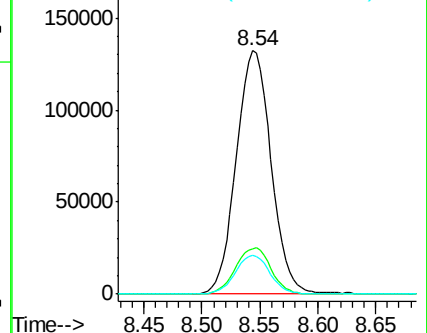
88 15.8 0.0 31.6

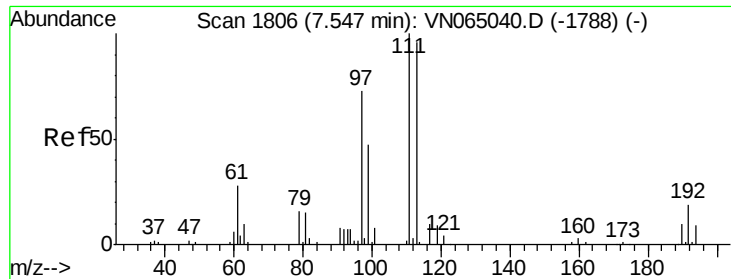


Abundance Ion 113.90 (113.60 to 114.60): VN065040.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN065040.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN065040.D (-2100) (-)

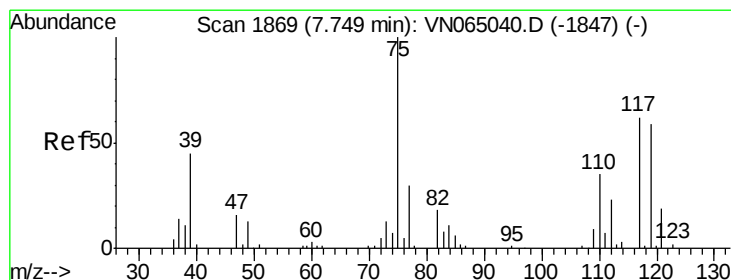
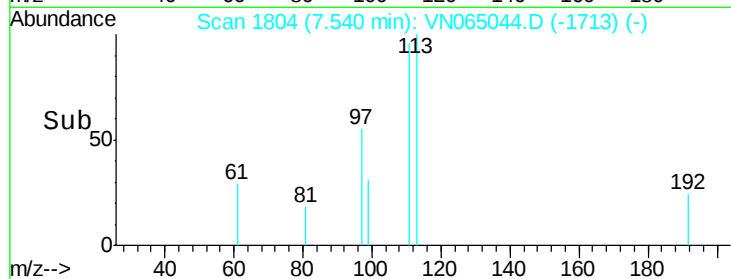
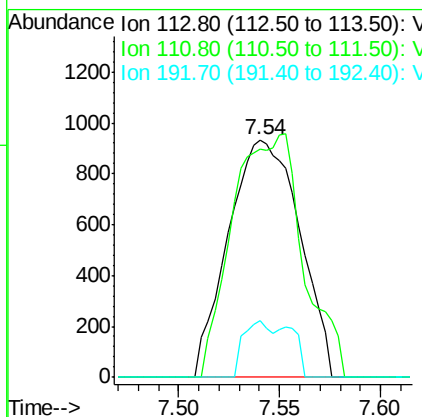
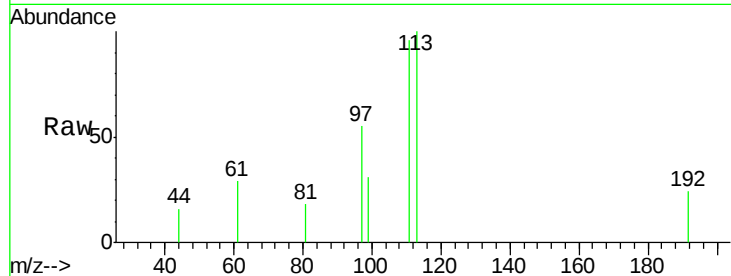




#35
 Dibromofluoromethane
 Concen: 1.361 ug/l
 RT: 7.54 min Scan# 1804
 Delta R.T. -0.01 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

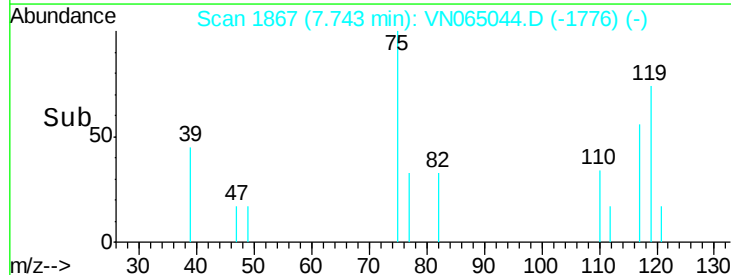
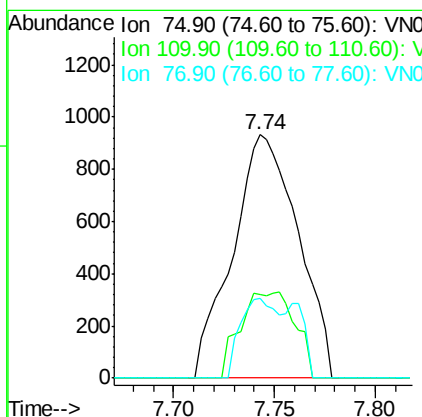
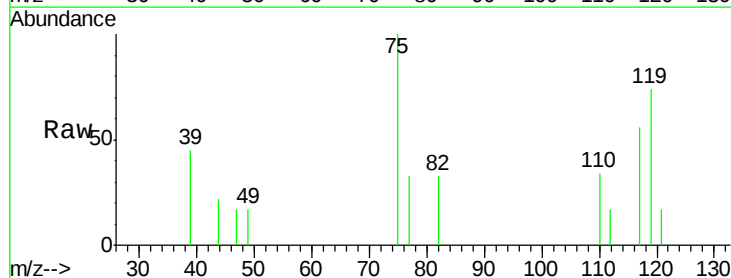
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

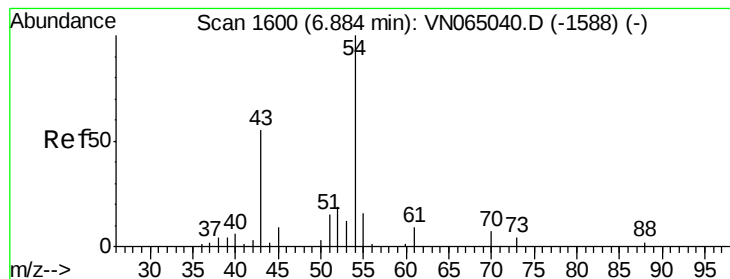
Tgt Ion: 113 Resp: 2293
 Ion Ratio Lower Upper
 113 100
 111 101.7 83.4 125.0
 192 9.6 16.2 24.2#



#36
 1,1-Dichloropropene
 Concen: 0.826 ug/l
 RT: 7.74 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion: 75 Resp: 2103
 Ion Ratio Lower Upper
 75 100
 110 29.8 18.1 54.1
 77 18.6 24.5 36.7#





#37

Ethyl Acetate

Concen: 0.576 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

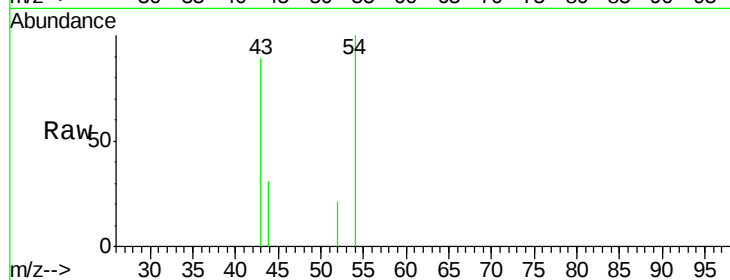
Tgt Ion: 43 Resp: 1392

Ion Ratio Lower Upper

43 100

61 0.0 11.9 17.9#

70 0.0 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-1588) (-)

Ion 60.90 (60.60 to 61.60): VN065040.D (-1588) (-)

Ion 70.00 (69.70 to 70.70): VN065040.D (-1588) (-)

6.88

800

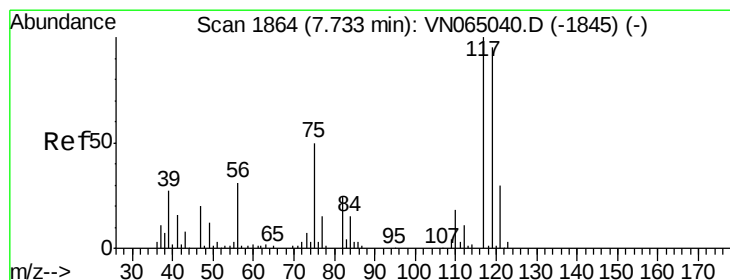
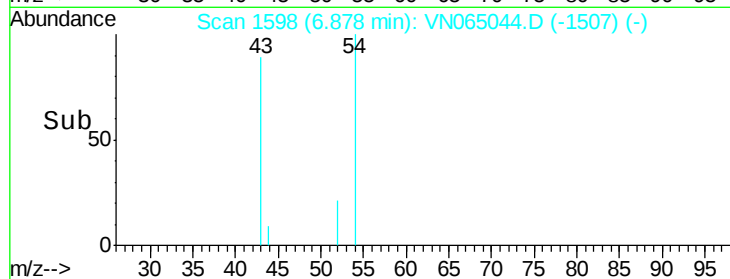
600

400

200

0

Time-->



#38

Carbon Tetrachloride

Concen: 0.791 ug/l

RT: 7.73 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

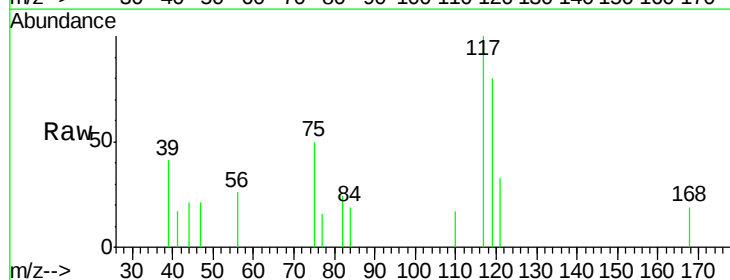
Tgt Ion: 117 Resp: 2098

Ion Ratio Lower Upper

117 100

119 79.8 75.9 113.9

121 32.7 24.1 36.1



Abundance Ion 116.80 (116.50 to 117.50): VN065040.D (-1845) (-)

Ion 118.80 (118.50 to 119.50): VN065040.D (-1845) (-)

Ion 120.80 (120.50 to 121.50): VN065040.D (-1845) (-)

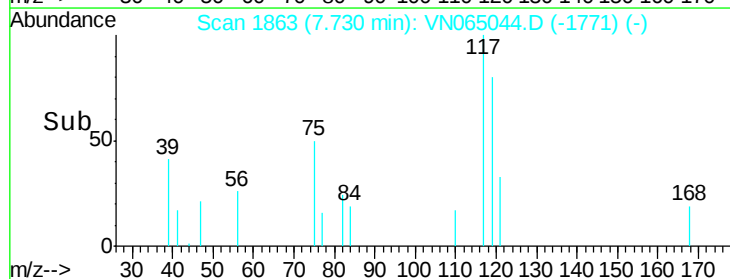
1500

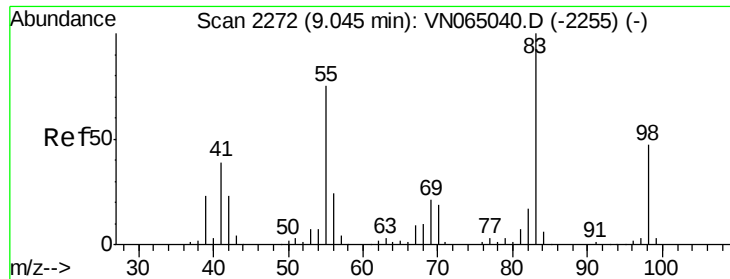
1000

500

0

Time-->

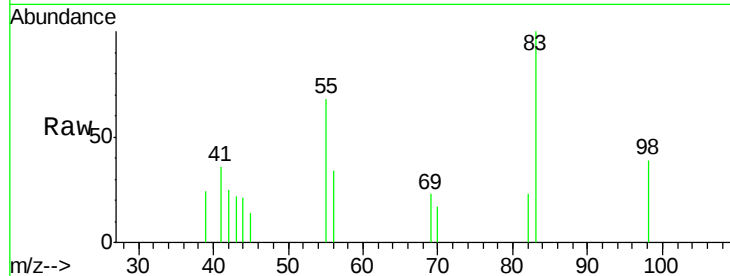




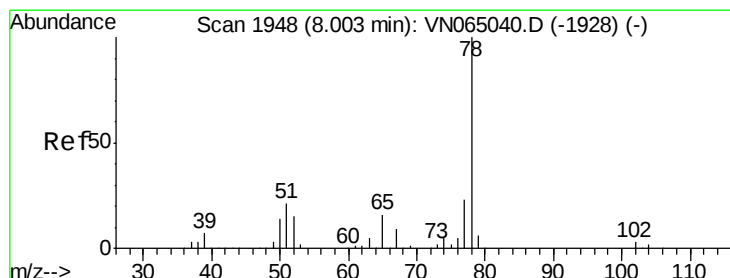
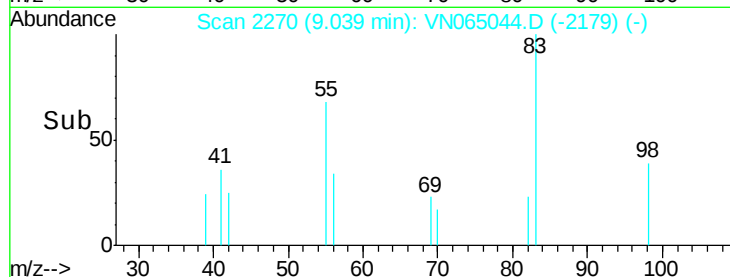
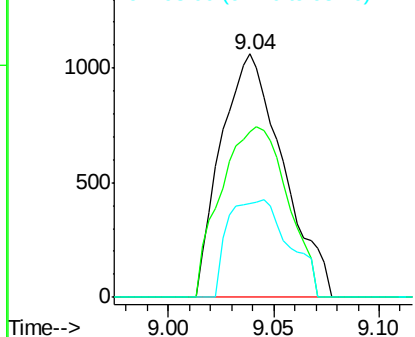
#39
Methylcyclohexane
Concen: 0.802 ug/l
RT: 9.04 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion: 83 Resp: 2165
Ion Ratio Lower Upper
83 100
55 68.0 60.3 90.5
98 38.7 37.4 56.0

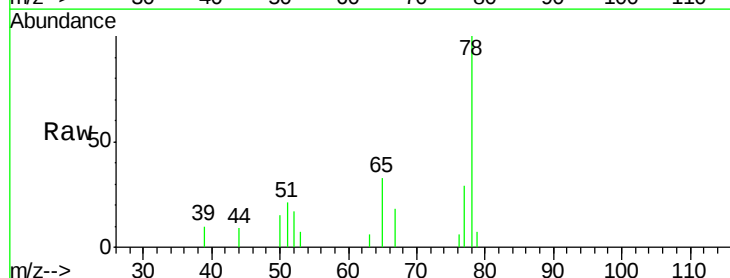


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

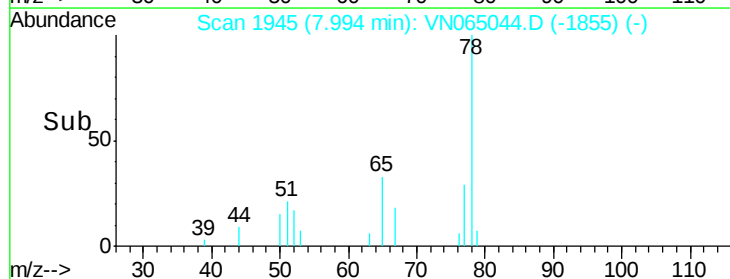
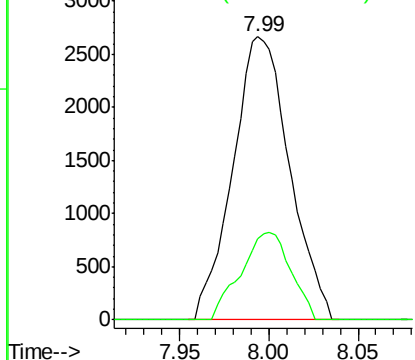


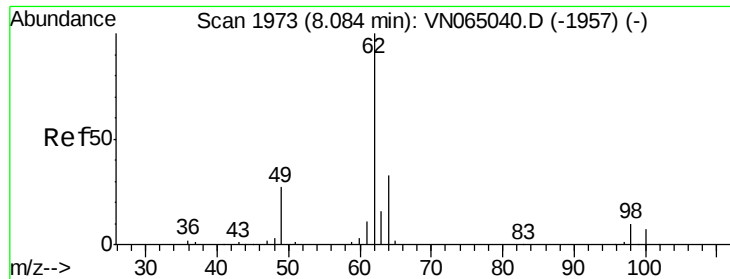
#40
Benzene
Concen: 0.757 ug/l
RT: 7.99 min Scan# 1945
Delta R.T. -0.01 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion: 78 Resp: 5908
Ion Ratio Lower Upper
78 100
77 28.6 18.7 28.1#



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

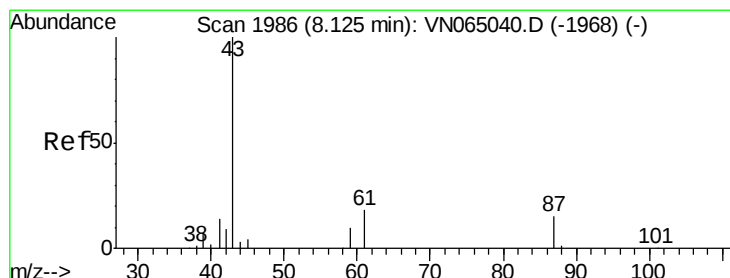
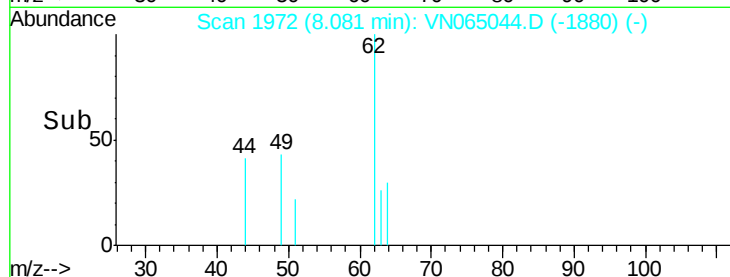
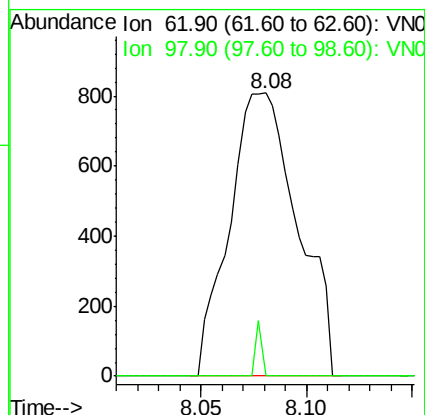
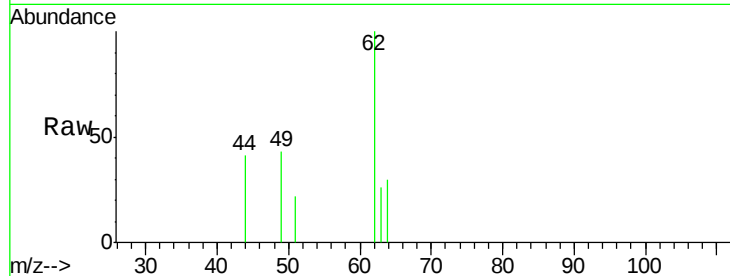




#42
 1,2-Dichloroethane
 Concen: 0.691 ug/l
 RT: 8.08 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

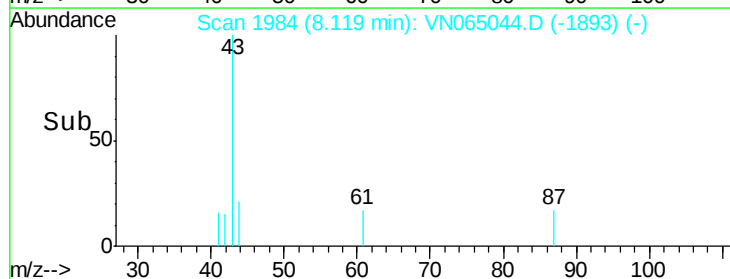
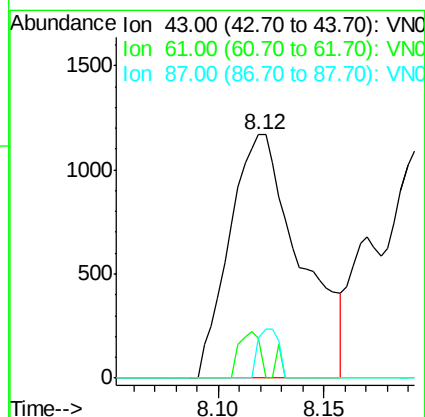
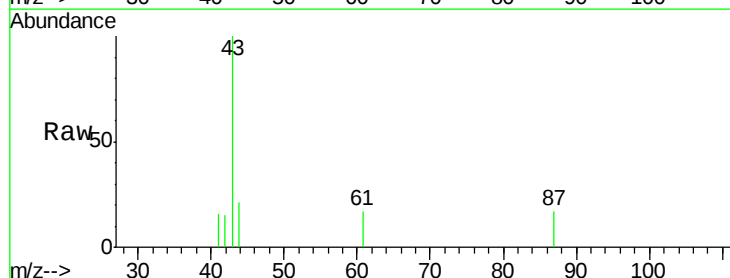
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

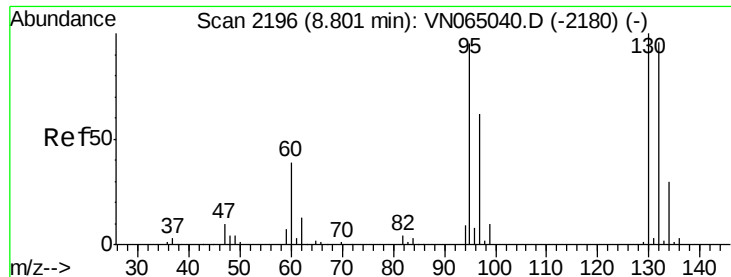
Tgt Ion: 62 Resp: 1823
 Ion Ratio Lower Upper
 62 100
 98 1.7 0.0 19.8



#43
 Isopropyl Acetate
 Concen: 0.694 ug/l
 RT: 8.12 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion: 43 Resp: 2713
 Ion Ratio Lower Upper
 43 100
 61 5.5 16.9 25.3#
 87 6.0 11.4 17.2#





#44

Trichloroethene

Concen: 0.809 ug/l

RT: 8.79 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

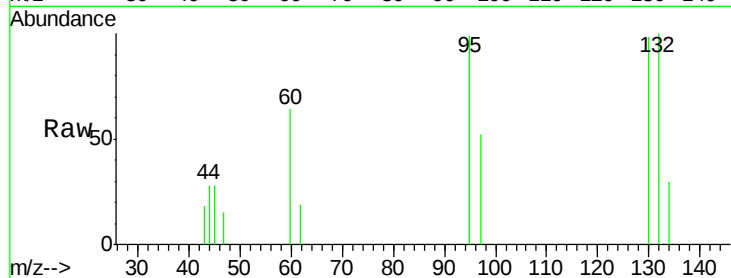
VSTDIC001

Tgt Ion: 130 Resp: 1855

Ion Ratio Lower Upper

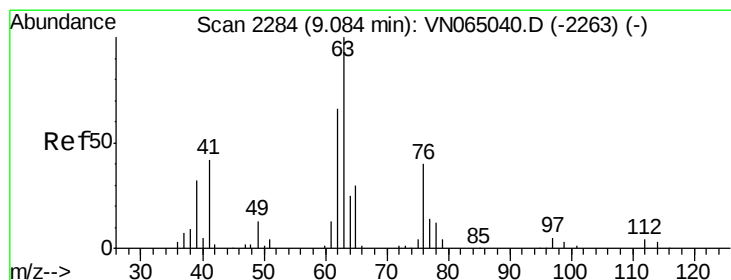
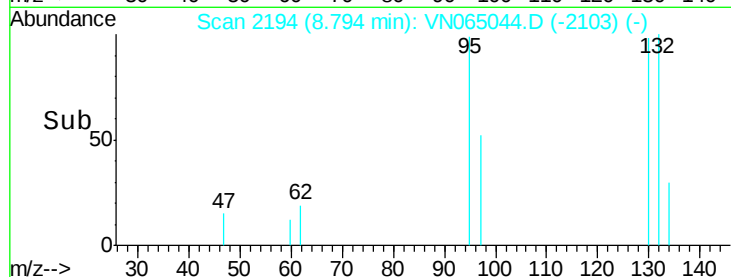
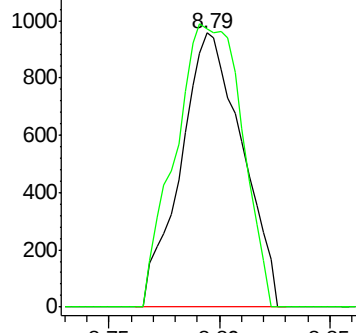
130 100

95 101.7 0.0 190.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#45

1,2-Dichloropropane

Concen: 0.694 ug/l

RT: 9.07 min Scan# 2281

Delta R.T. -0.01 min

Lab File: VN065044.D

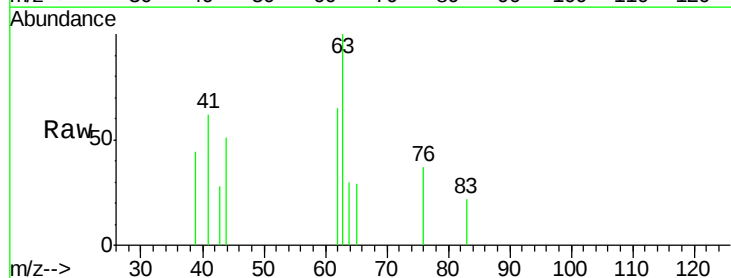
Acq: 10 Dec 2020 14:49

Tgt Ion: 63 Resp: 1415

Ion Ratio Lower Upper

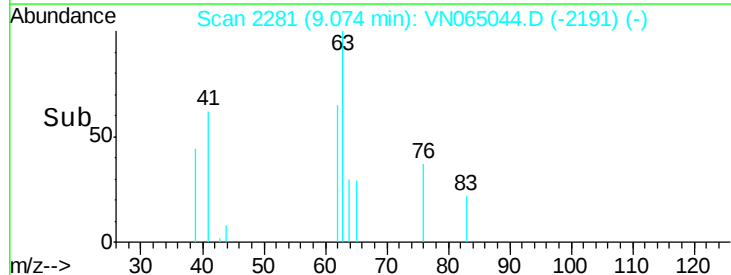
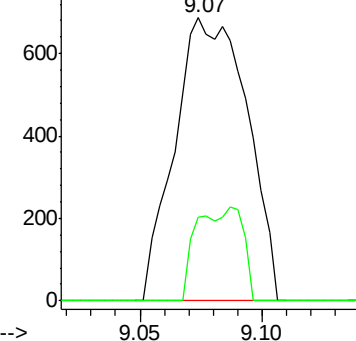
63 100

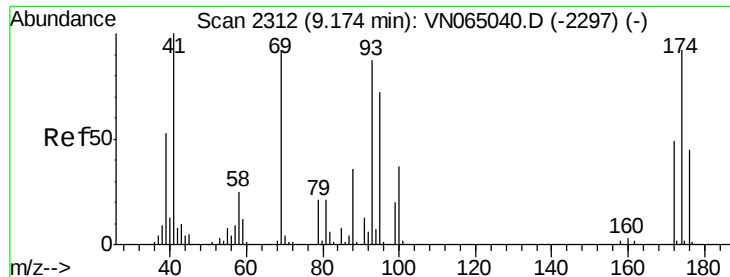
65 29.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN





#46

Dibromomethane

Concen: 0.700 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

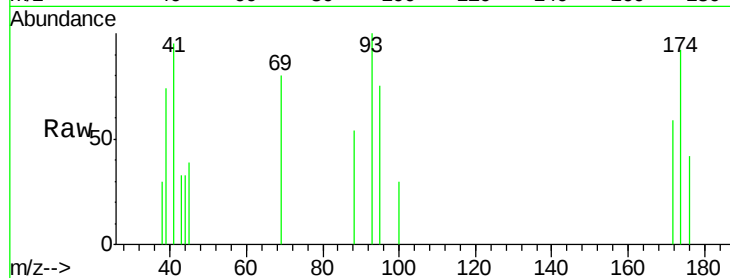
Tgt Ion: 93 Resp: 950

Ion Ratio Lower Upper

93 100

95 81.7 65.7 98.5

174 129.3 83.0 124.4#

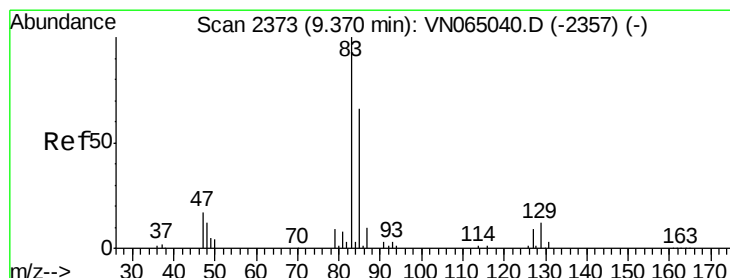
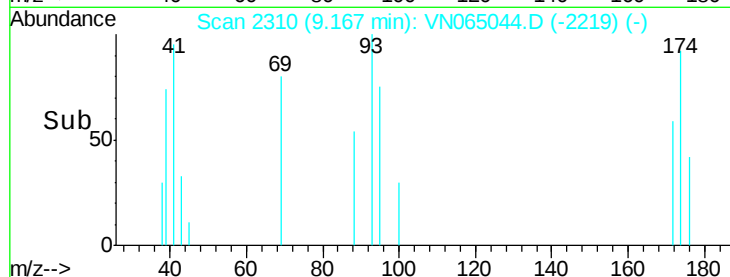


Abundance Ion 92.80 (92.50 to 93.50): VN065044.D (-2297) (-)

Ion 94.80 (94.50 to 95.50): VN065044.D (-2297) (-)

Ion 173.70 (173.40 to 174.40): VN065044.D (-2297) (-)

Time-->



#47

Bromodichloromethane

Concen: 0.787 ug/l

RT: 9.36 min Scan# 2371

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

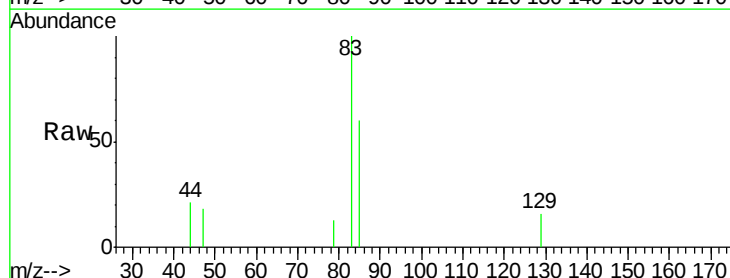
Tgt Ion: 83 Resp: 2149

Ion Ratio Lower Upper

83 100

85 59.6 52.5 78.7

127 0.0 7.1 10.7#

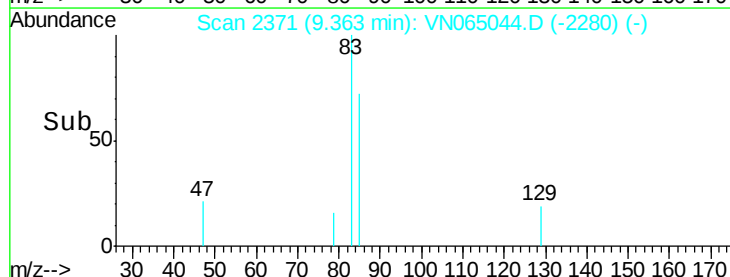


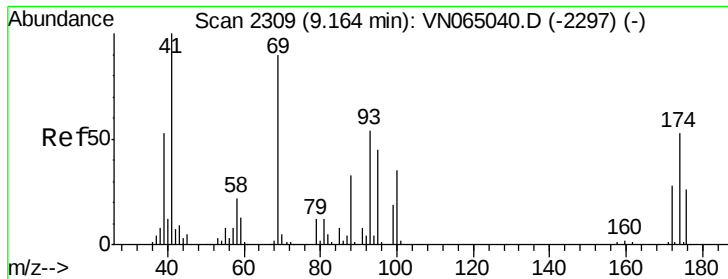
Abundance Ion 82.90 (82.60 to 83.60): VN065044.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN065044.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN065044.D (-2280) (-)

Time-->





#48

Methyl methacrylate

Concen: 0.666 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

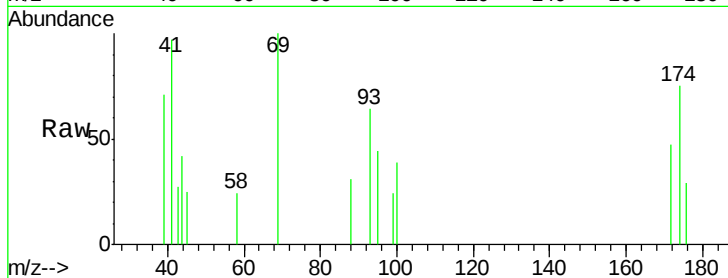
Tgt Ion: 41 Resp: 1244

Ion Ratio Lower Upper

41 100

69 80.1 72.1 108.1

39 56.1 43.8 65.6



Abundance Ion 41.00 (40.70 to 41.70): VN065040.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN065040.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN065040.D (-2297) (-)

9.16

600

400

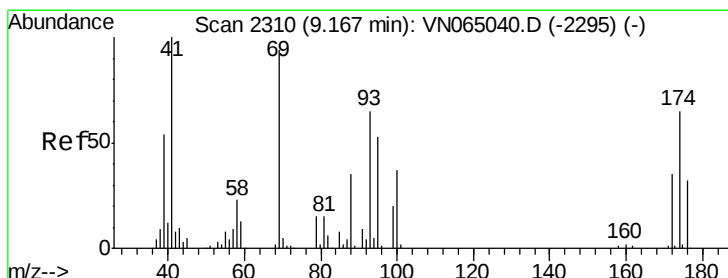
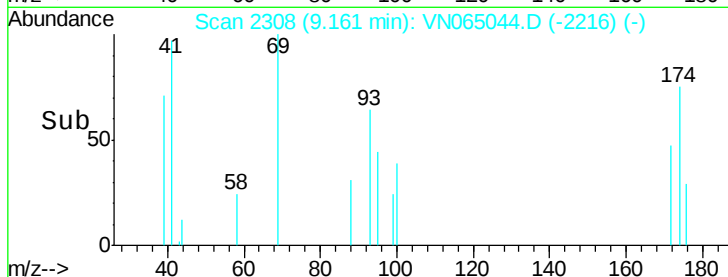
200

0

9.15

9.20

Time-->



#49

1,4-Dioxane

Concen: 10.357 ug/l

RT: 9.17 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

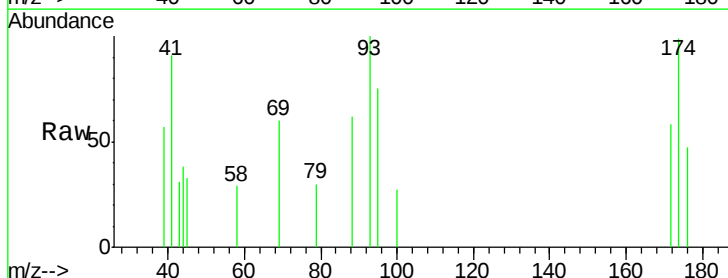
Tgt Ion: 88 Resp: 365

Ion Ratio Lower Upper

88 100

43 0.0 21.1 31.7#

58 43.0 53.8 80.8#



Abundance Ion 88.00 (87.70 to 88.70): VN065040.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN065040.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN065040.D (-2295) (-)

9.17

400

300

200

100

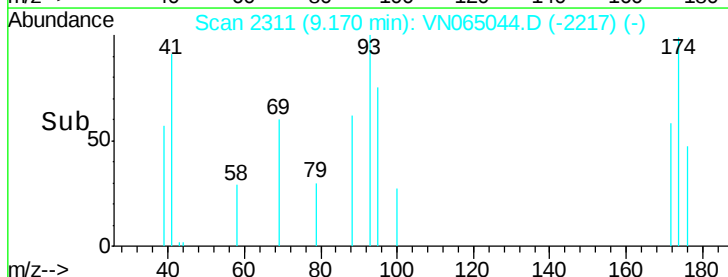
0

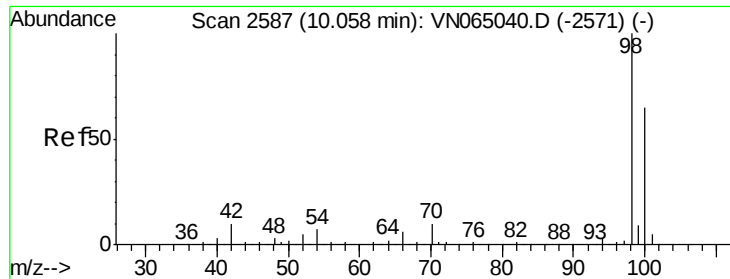
9.14

9.16

9.18

Time-->





#50

Toluene-d8

Concen: 1.160 ug/l

RT: 10.05 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

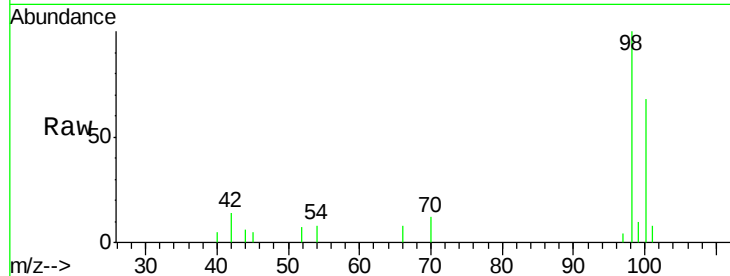
VSTDIC001

Tgt Ion: 98 Resp: 7904

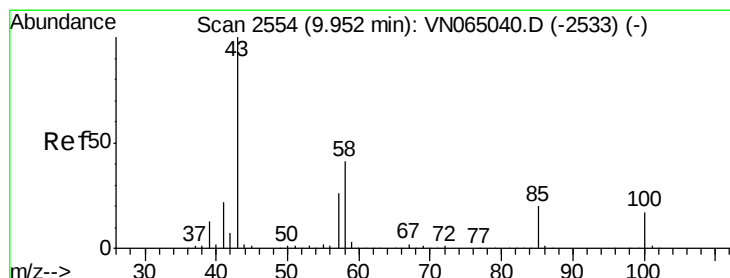
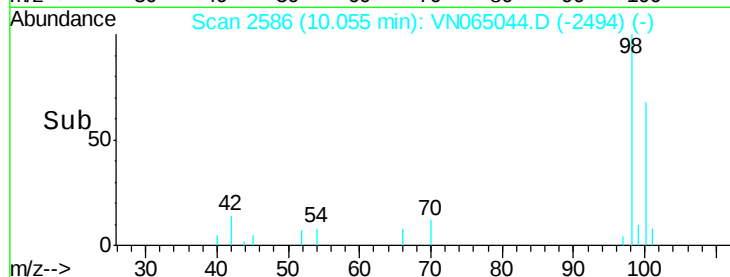
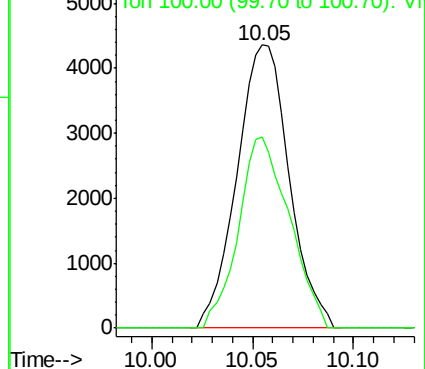
Ion Ratio Lower Upper

98 100

100 65.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN065040.D (-2571) (-)



#51

4-Methyl-2-Pentanone

Concen: 3.012 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN065044.D

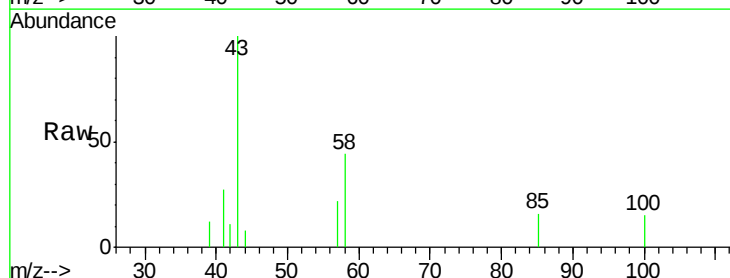
Acq: 10 Dec 2020 14:49

Tgt Ion: 43 Resp: 7066

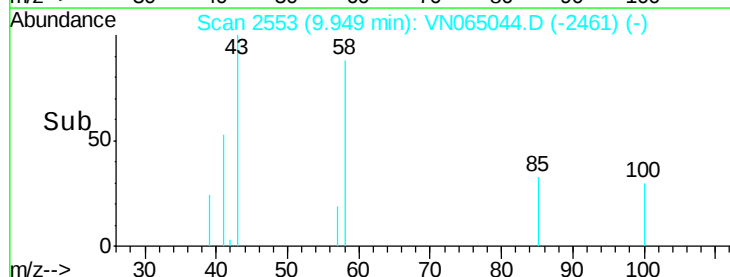
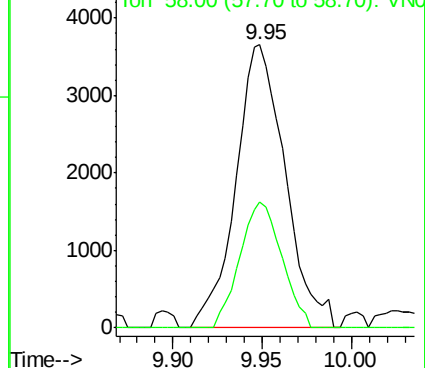
Ion Ratio Lower Upper

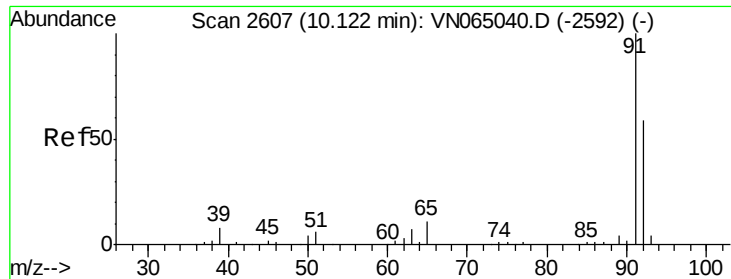
43 100

58 37.8 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN065040.D (-2533) (-)





#52

Toluene

Concen: 0.765 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

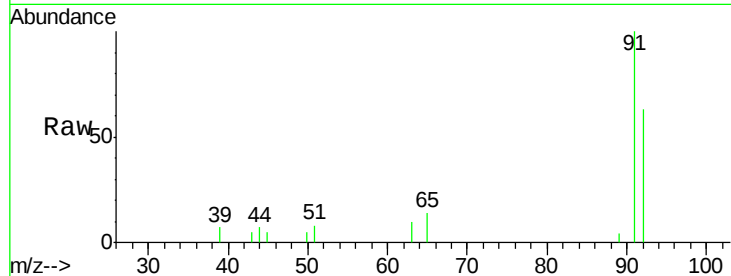
VSTDIC001

Tgt Ion: 92 Resp: 3687

Ion Ratio Lower Upper

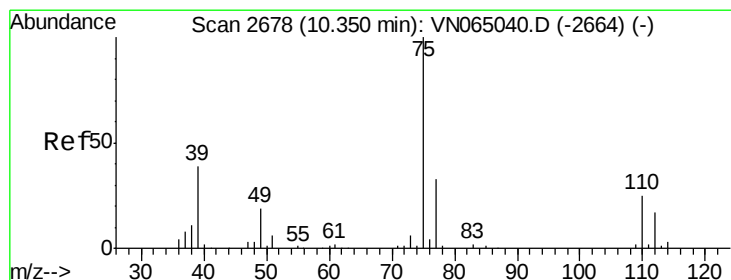
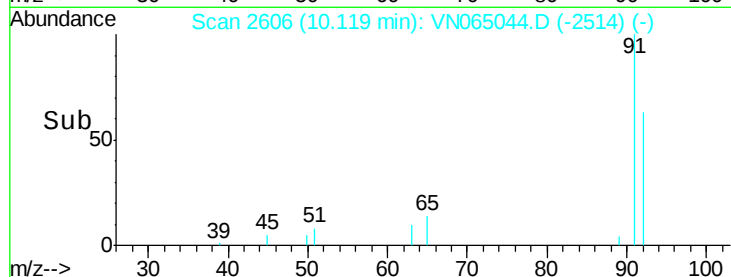
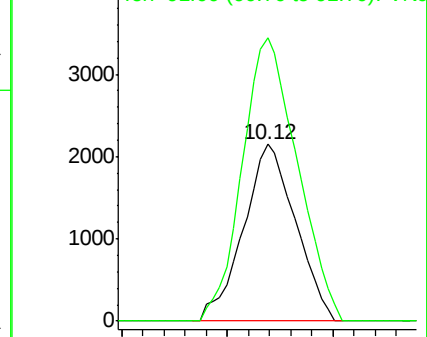
92 100

91 169.4 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN065040.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN065040.D (-2592) (-)



#53

t-1,3-Dichloropropene

Concen: 0.664 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN065044.D

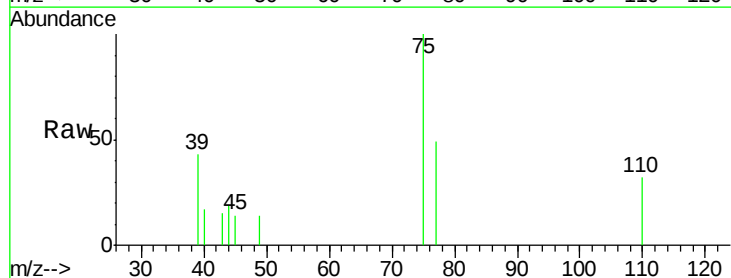
Acq: 10 Dec 2020 14:49

Tgt Ion: 75 Resp: 2010

Ion Ratio Lower Upper

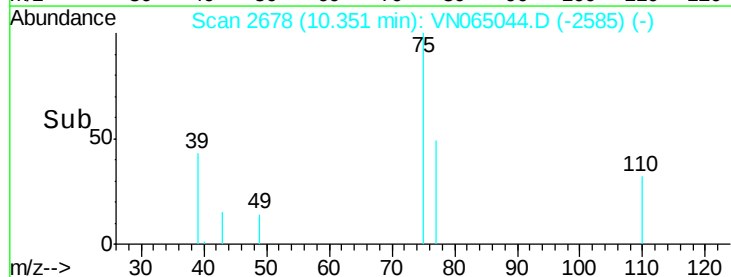
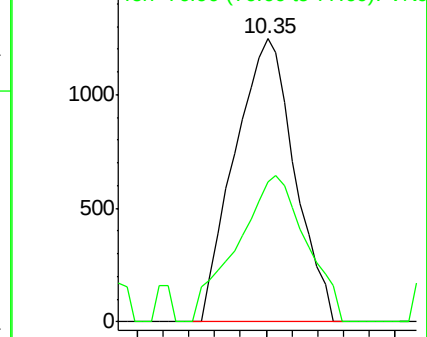
75 100

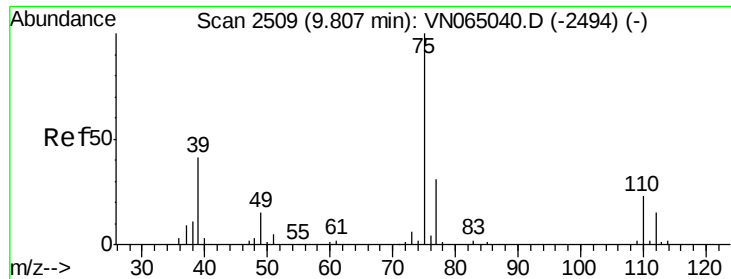
77 49.4 26.0 39.0#



Abundance Ion 74.90 (74.60 to 75.60): VN065040.D (-2664) (-)

Ion 76.90 (76.60 to 77.60): VN065040.D (-2664) (-)



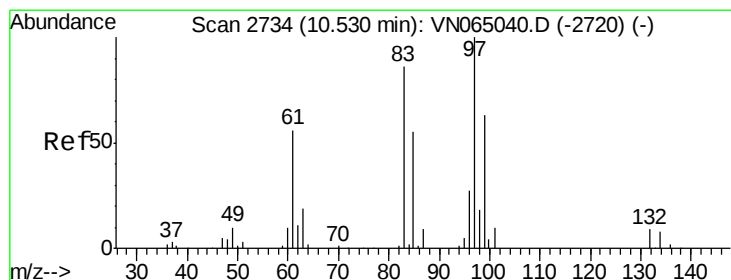
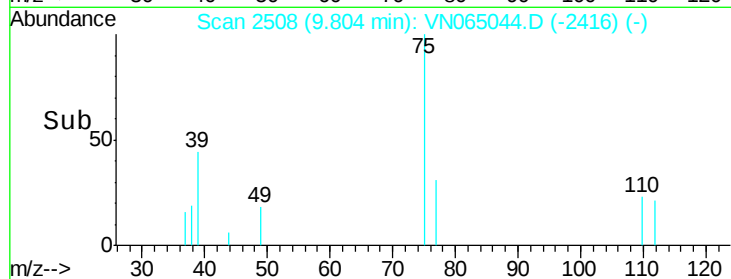
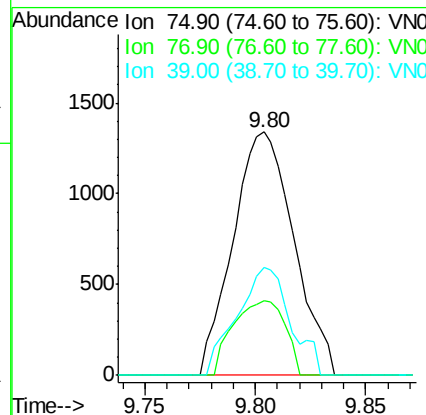
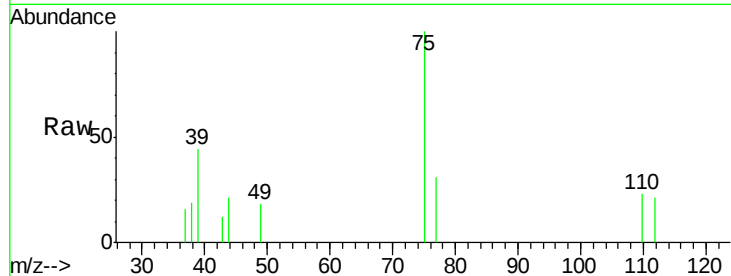


#54

cis-1,3-Dichloropropene
Concen: 0.787 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

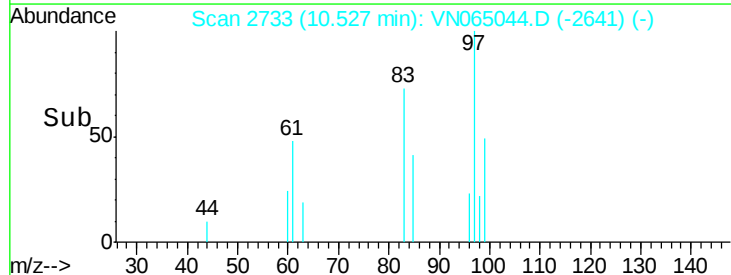
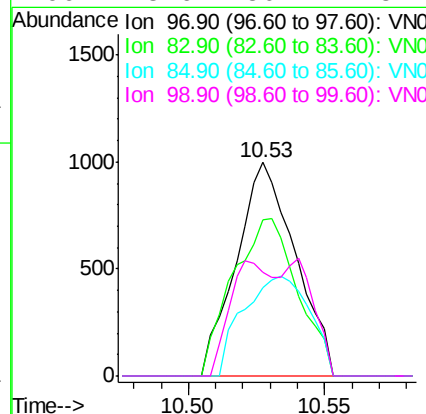
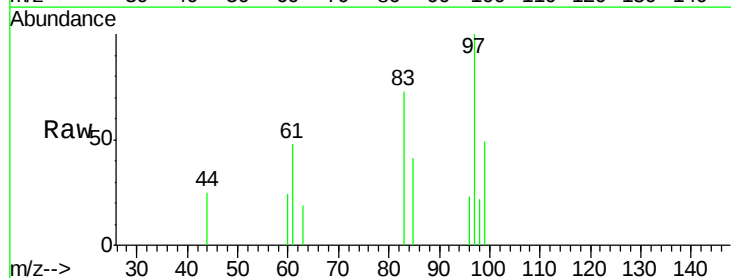
Tgt Ion: 75 Resp: 2559
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2
39 44.1 33.0 49.4

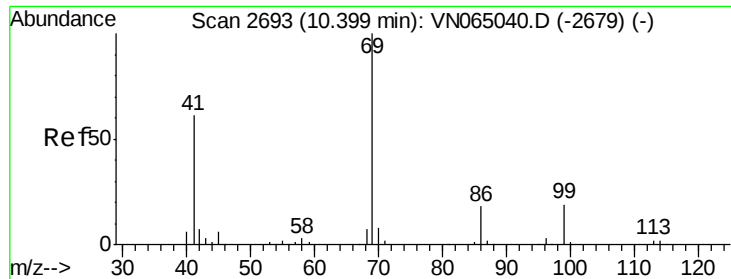


#55

1,1,2-Trichloroethane
Concen: 0.751 ug/l
RT: 10.53 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion: 97 Resp: 1498
Ion Ratio Lower Upper
97 100
83 73.1 69.0 103.6
85 41.1 43.6 65.4#
99 48.6 50.1 75.1#





#56

Ethyl methacrylate

Concen: 0.548 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

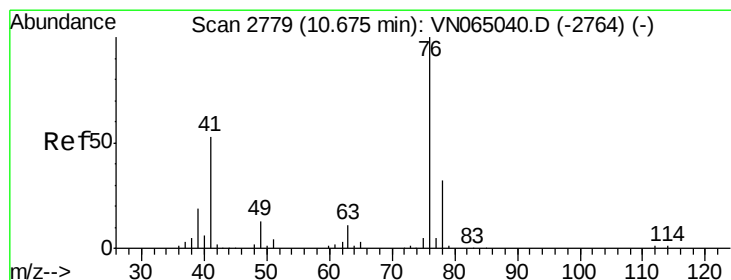
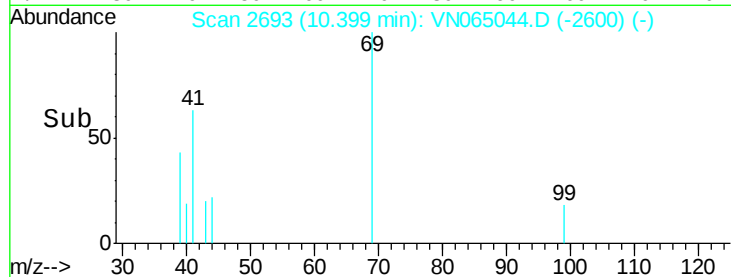
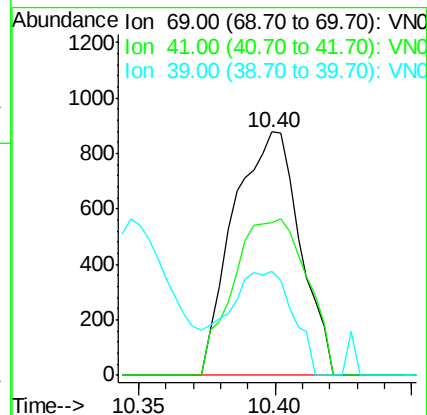
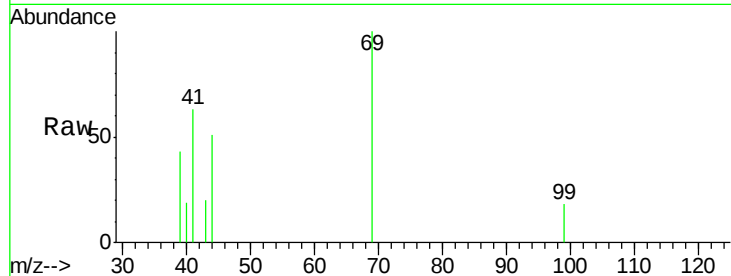
Tgt Ion: 69 Resp: 1482

Ion Ratio Lower Upper

69 100

41 71.1 48.2 72.2

39 39.9 24.7 37.1#



#57

1,3-Dichloropropane

Concen: 0.689 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN065044.D

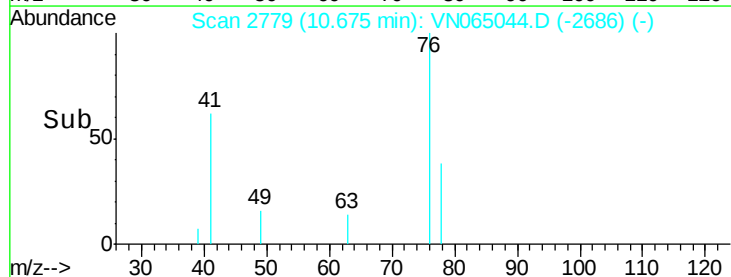
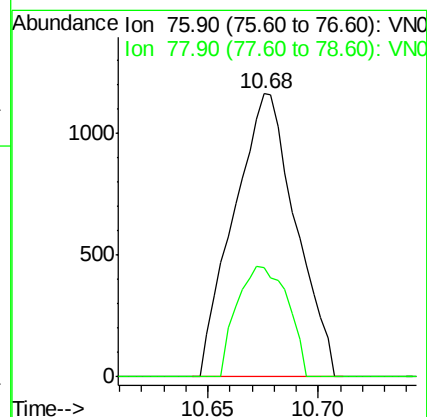
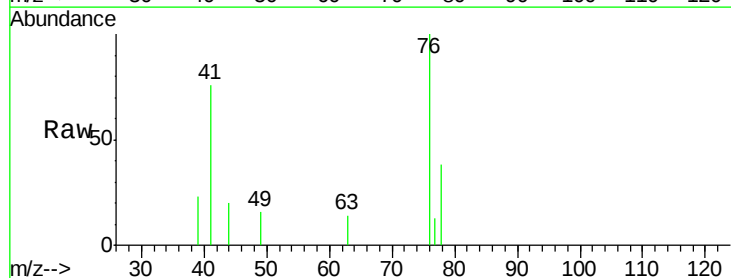
Acq: 10 Dec 2020 14:49

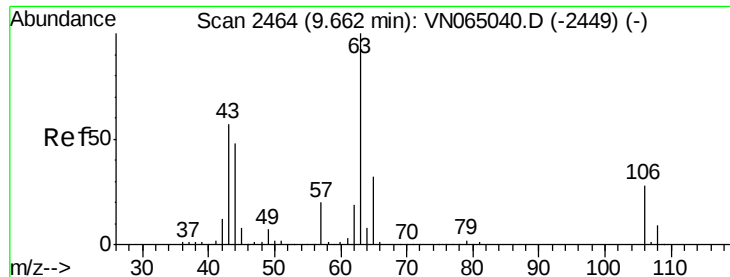
Tgt Ion: 76 Resp: 2254

Ion Ratio Lower Upper

76 100

78 31.9 26.5 39.7

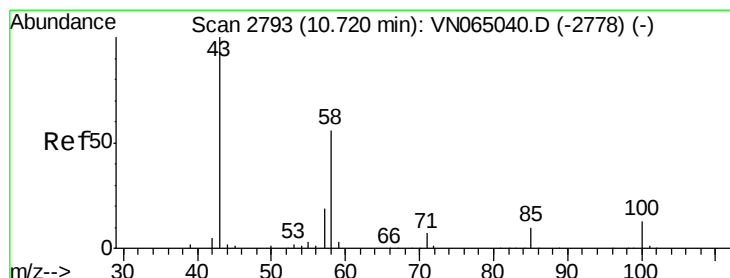
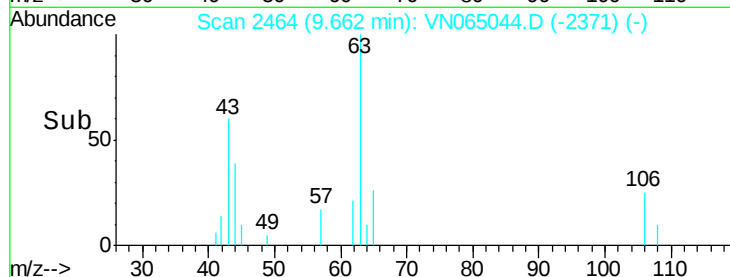
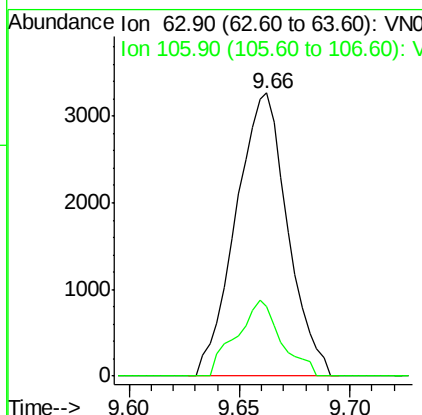
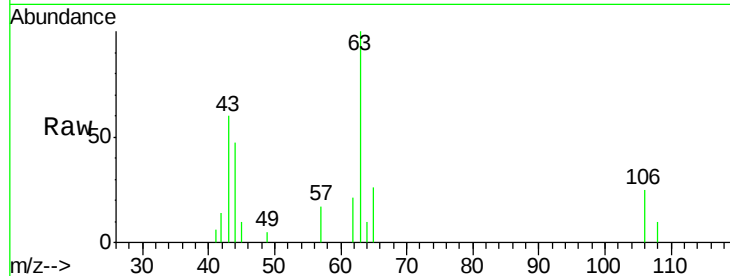




#58
 2-Chloroethyl Vinyl ether
 Concen: 3.577 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

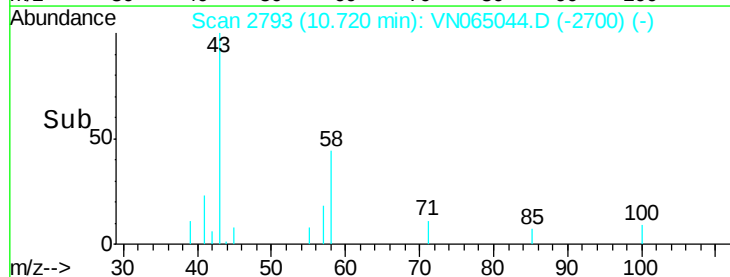
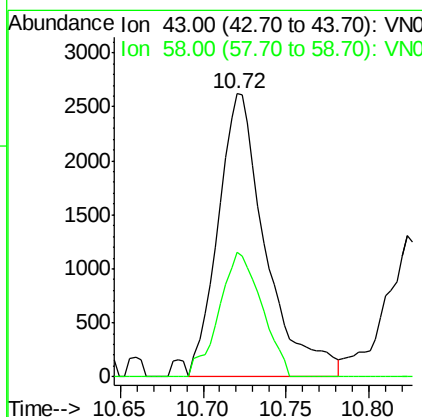
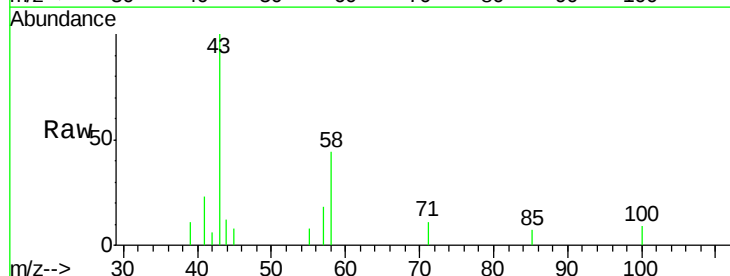
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

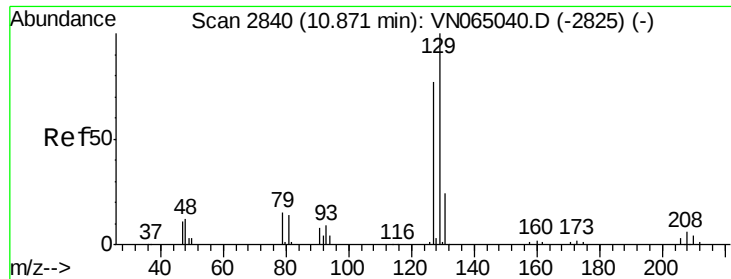
Tgt Ion: 63 Resp: 5334
 Ion Ratio Lower Upper
 63 100
 106 23.0 22.6 33.8



#59
 2-Hexanone
 Concen: 3.102 ug/l
 RT: 10.72 min Scan# 2793
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion: 43 Resp: 5232
 Ion Ratio Lower Upper
 43 100
 58 39.4 28.3 84.9





#60

Dibromochloromethane

Concen: 0.639 ug/l

RT: 10.86 min Scan# 2838

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

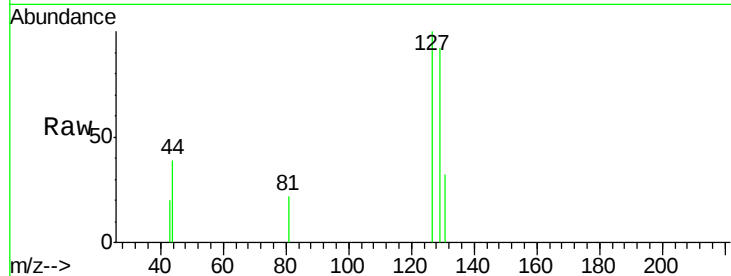
VSTDIC001

Tgt Ion:129 Resp: 1411

Ion Ratio Lower Upper

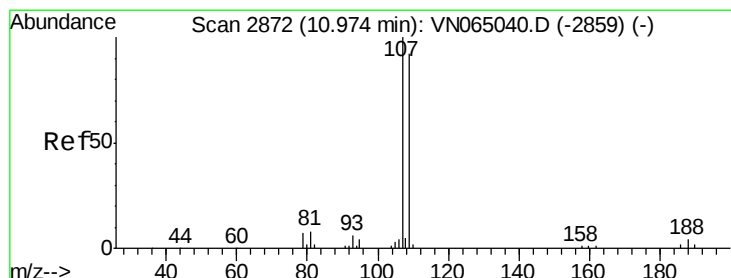
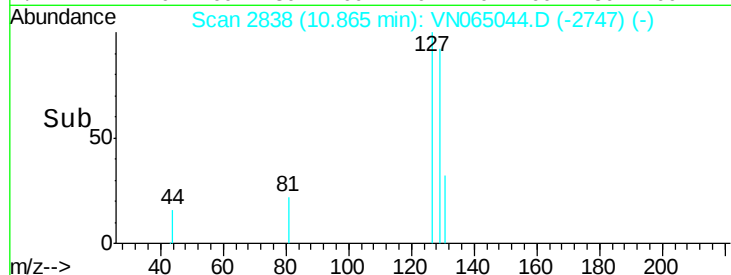
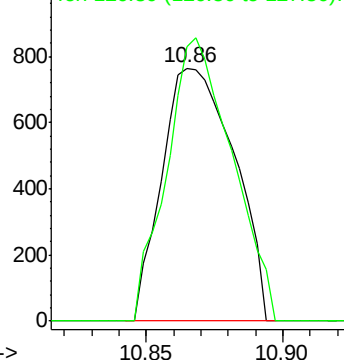
129 100

127 101.1 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.720 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN065044.D

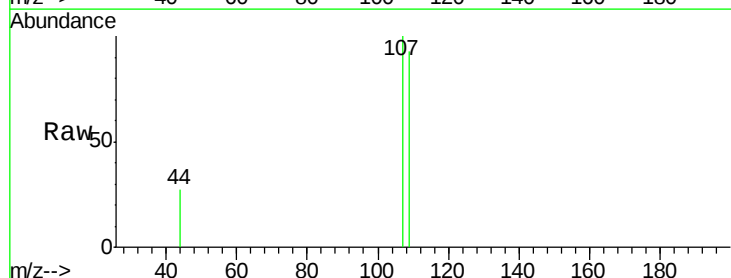
Acq: 10 Dec 2020 14:49

Tgt Ion:107 Resp: 1450

Ion Ratio Lower Upper

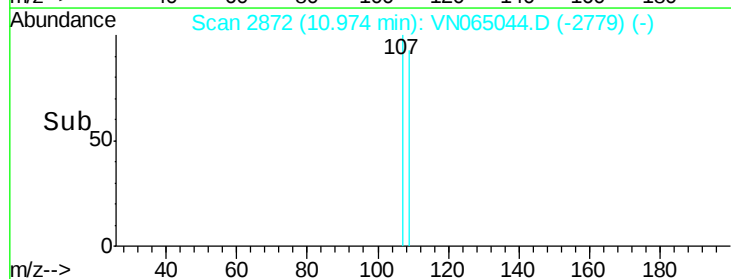
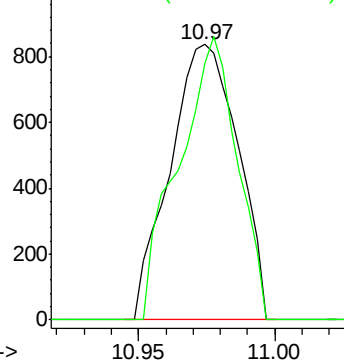
107 100

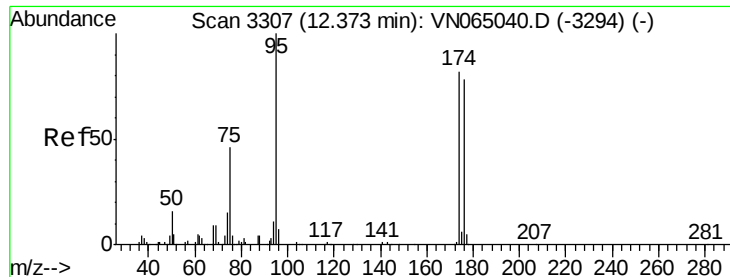
109 88.7 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 1.212 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

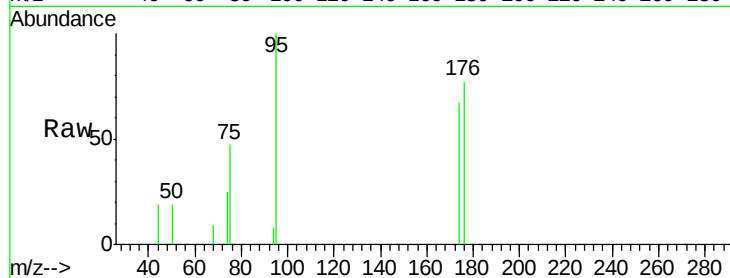
Tgt Ion: 95 Resp: 2941

Ion Ratio Lower Upper

95 100

174 78.3 0.0 164.8

176 77.2 0.0 158.8

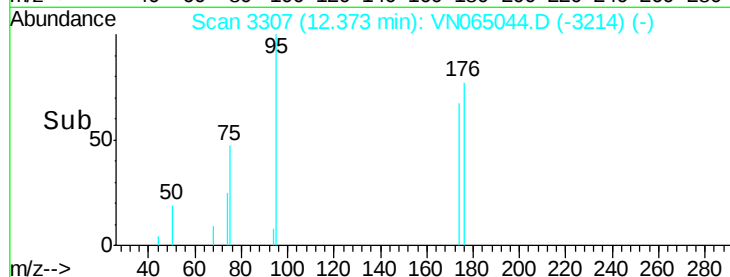


Abundance Ion 94.90 (94.60 to 95.60): VN065040.D (-3294) (-)

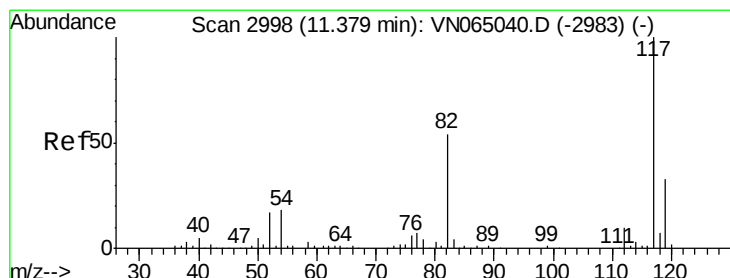
Ion 173.80 (173.50 to 174.50): VN065040.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN065040.D (-3294) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

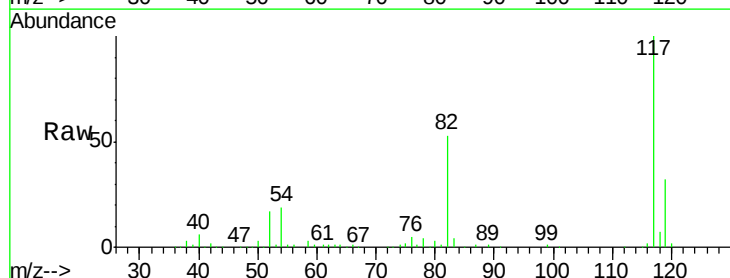
Tgt Ion: 117 Resp: 241646

Ion Ratio Lower Upper

117 100

82 53.2 43.5 65.3

119 32.2 26.4 39.6

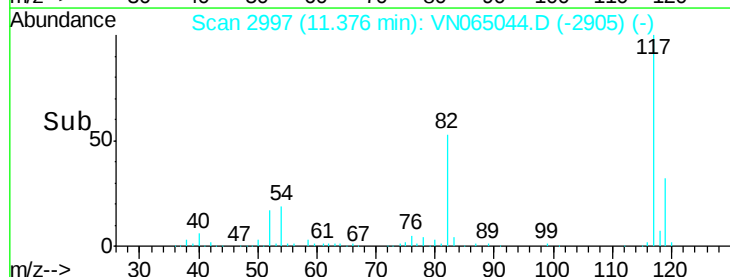


Abundance Ion 116.90 (116.60 to 117.60): VN065040.D (-2983) (-)

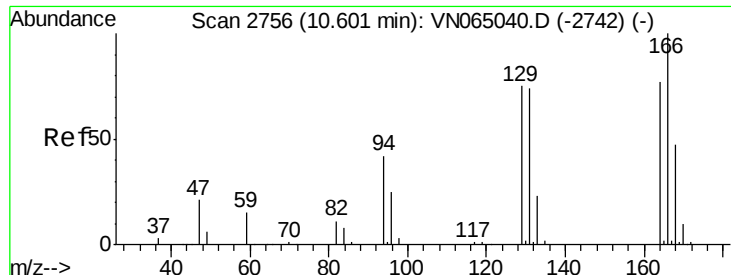
Ion 82.00 (81.70 to 82.70): VN065040.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN065040.D (-2983) (-)

Time-->



Time-->



#64

Tetrachloroethene

Concen: 0.827 ug/l

RT: 10.59 min Scan# 2754

Delta R.T. -0.01 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:164 Resp: 1920

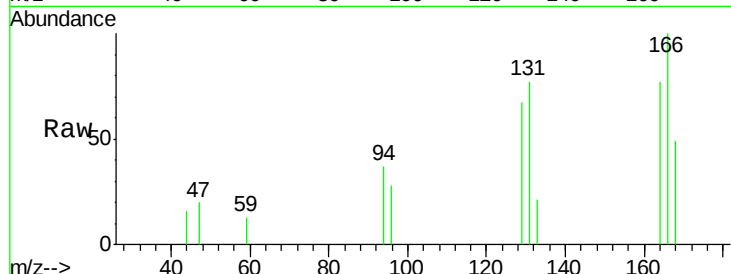
Ion Ratio Lower Upper

164 100

166 130.5 103.3 154.9

129 87.6 77.0 115.4

131 100.9 76.1 114.1

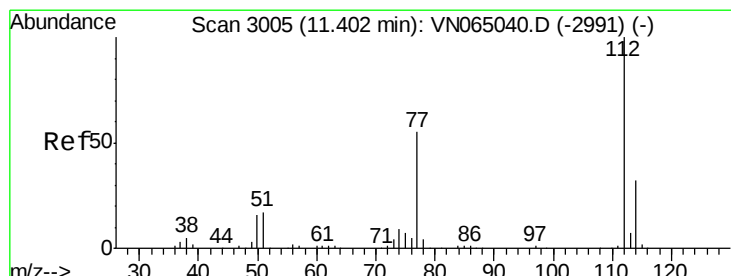
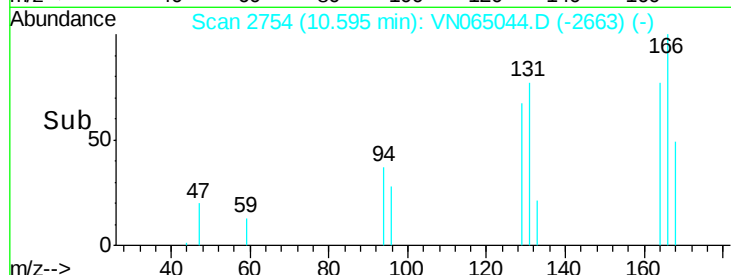
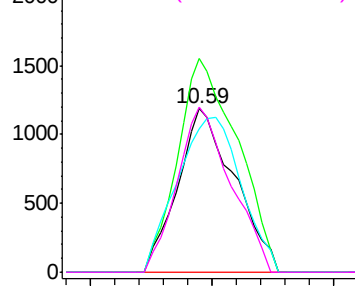


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.889 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN065044.D

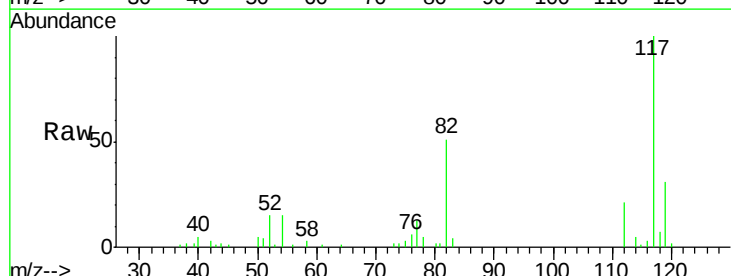
Acq: 10 Dec 2020 14:49

Tgt Ion:112 Resp: 4626

Ion Ratio Lower Upper

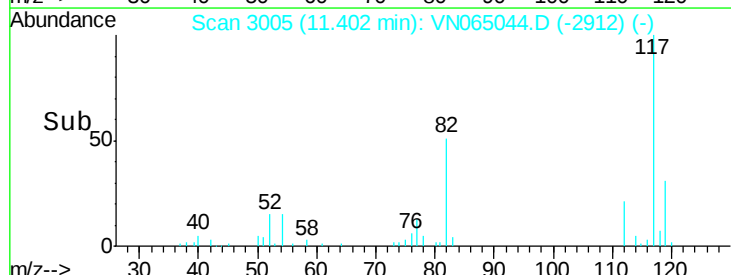
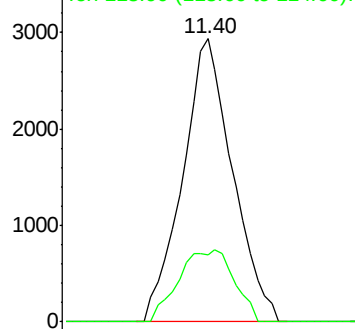
112 100

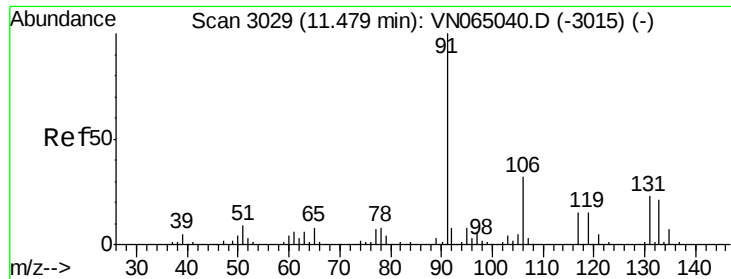
114 23.9 25.9 38.9#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 0.803 ug/l

RT: 11.48 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

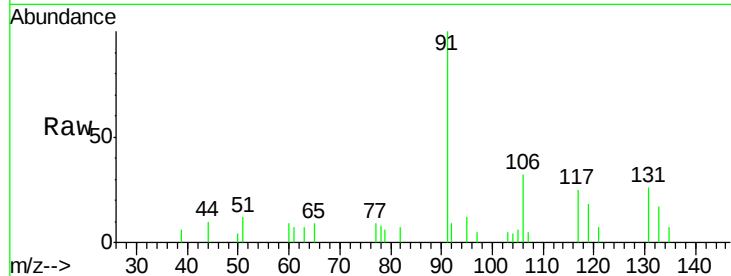
Tgt Ion: 131 Resp: 1535

Ion Ratio Lower Upper

131 100

133 70.8 48.7 146.1

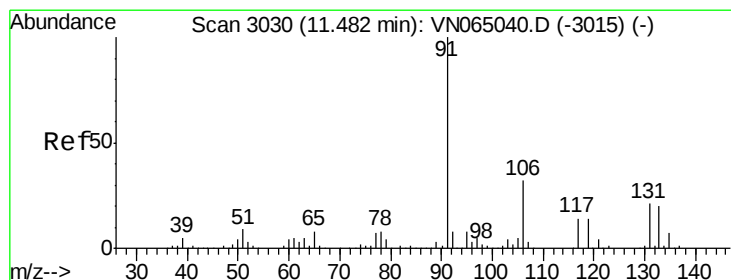
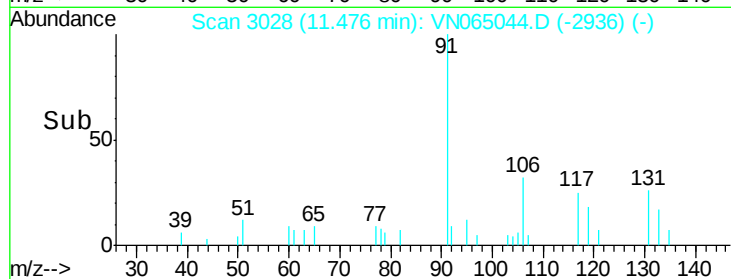
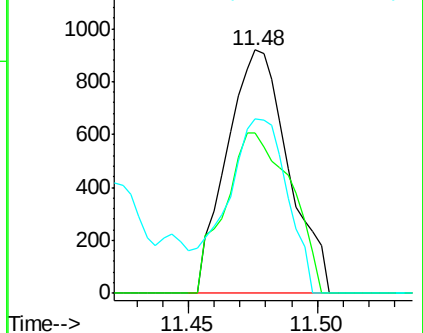
119 0.0 33.2 99.6#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 0.770 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN065044.D

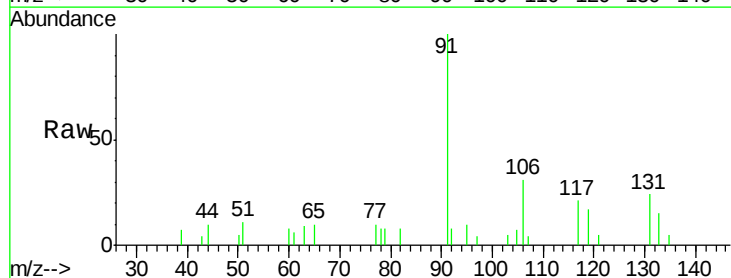
Acq: 10 Dec 2020 14:49

Tgt Ion: 91 Resp: 6648

Ion Ratio Lower Upper

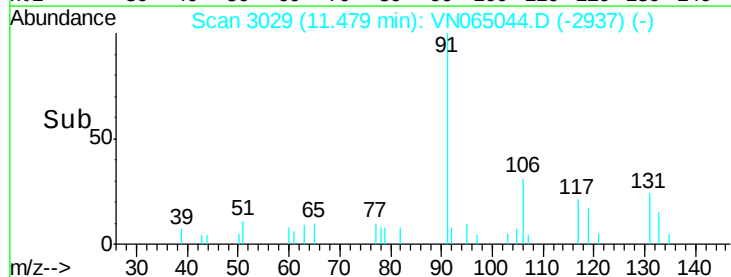
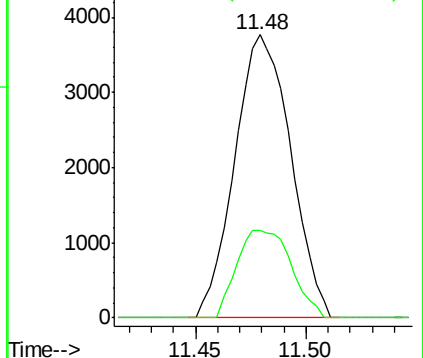
91 100

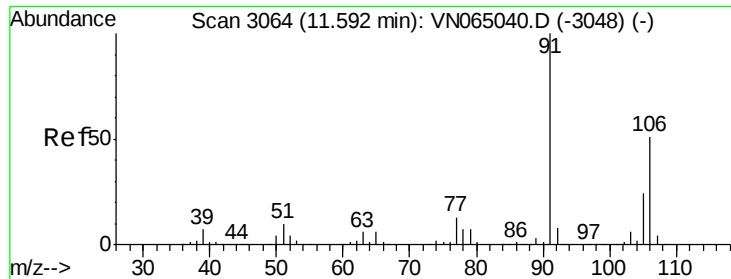
106 30.9 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

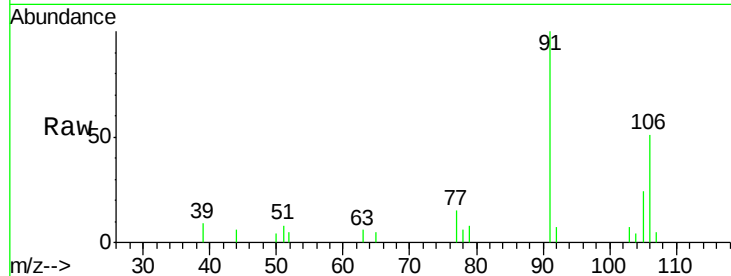




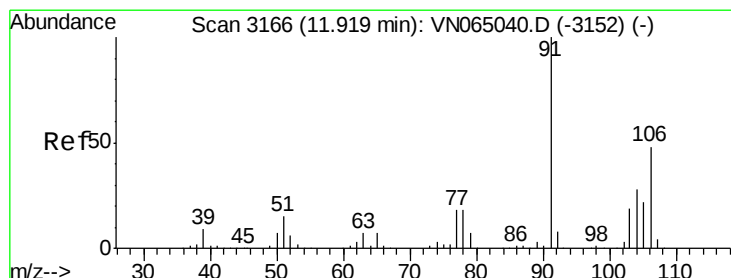
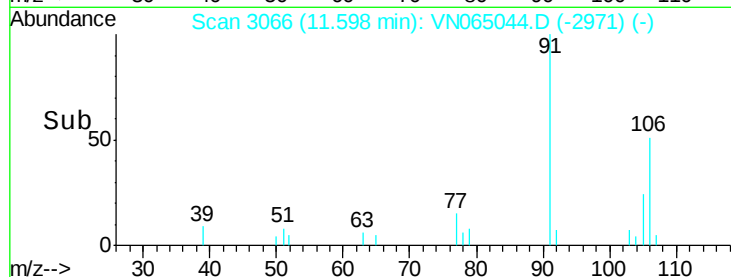
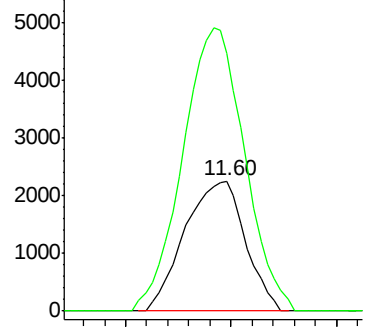
#68
m/p-Xylenes
Concen: 1.360 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.01 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tgt Ion:106 Resp: 4470
Ion Ratio Lower Upper
106 100
91 222.9 157.0 235.6

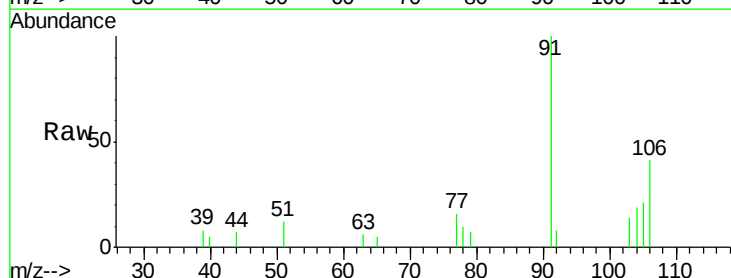


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

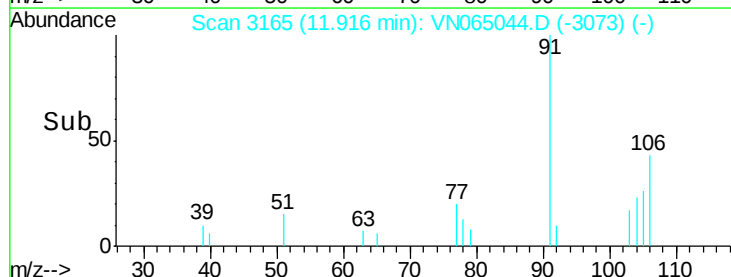
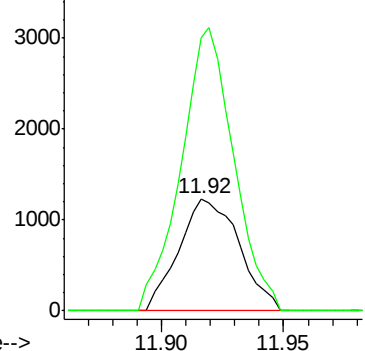


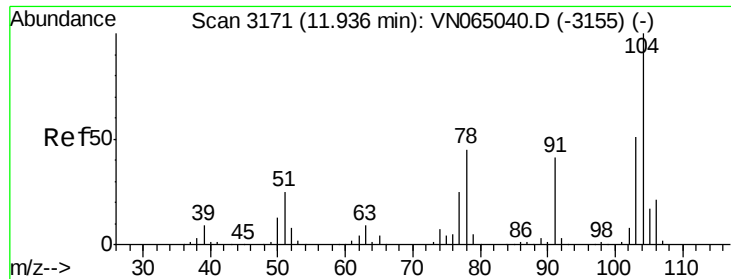
#69
o-Xylene
Concen: 0.678 ug/l
RT: 11.92 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion:106 Resp: 2111
Ion Ratio Lower Upper
106 100
91 220.5 104.1 312.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

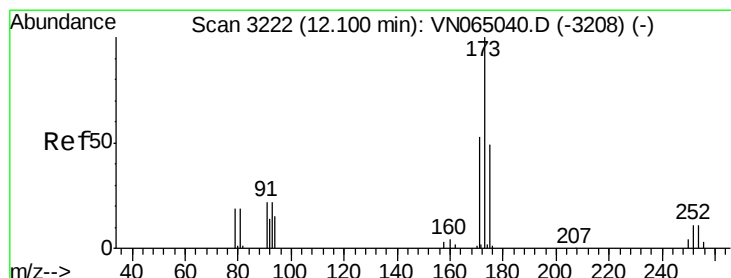
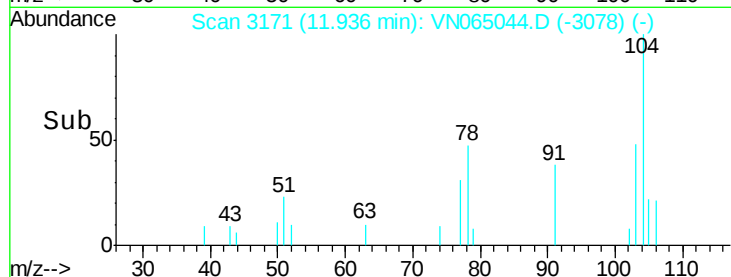
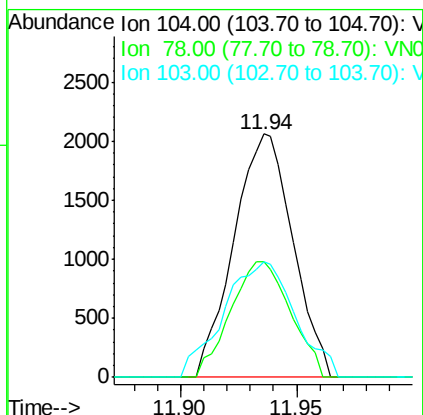
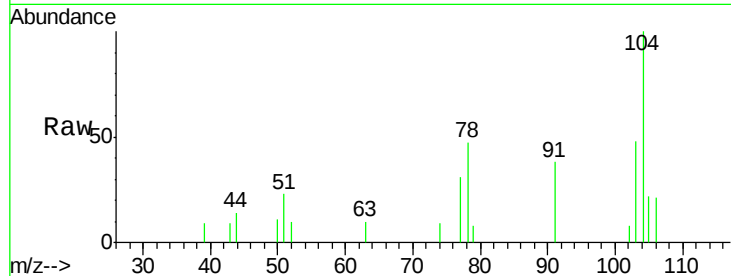




#70
Styrene
Concen: 0.692 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

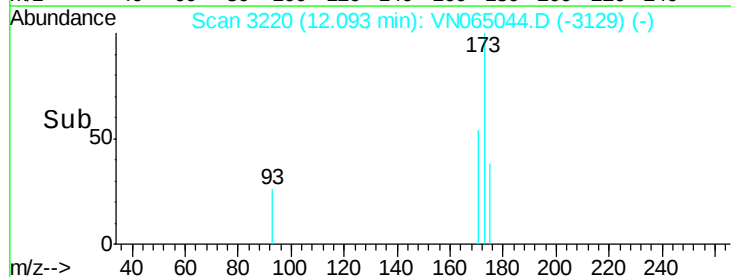
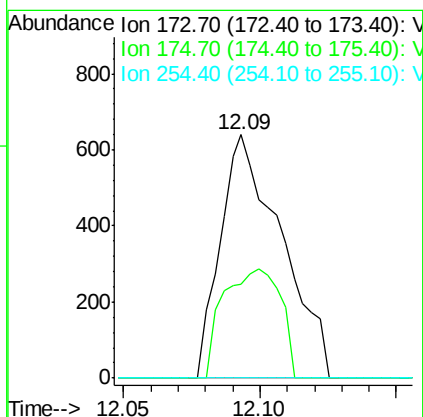
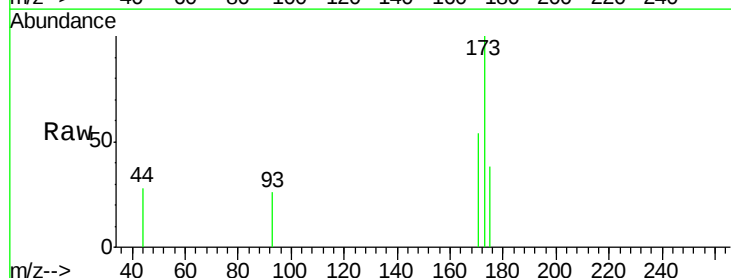
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

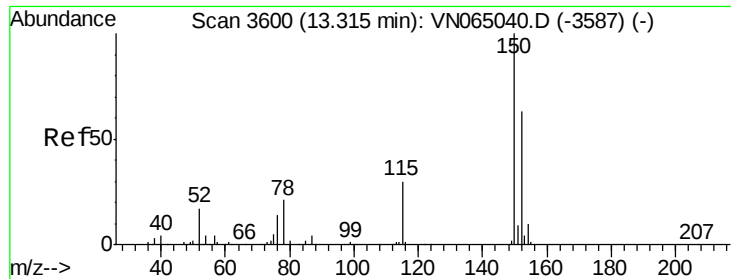
Tgt Ion:104 Resp: 3637
Ion Ratio Lower Upper
104 100
78 48.2 38.7 58.1
103 57.6 43.8 65.8



#71
Bromoform
Concen: 0.654 ug/l
RT: 12.09 min Scan# 3220
Delta R.T. -0.01 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion:173 Resp: 993
Ion Ratio Lower Upper
173 100
175 41.8 24.5 73.5
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

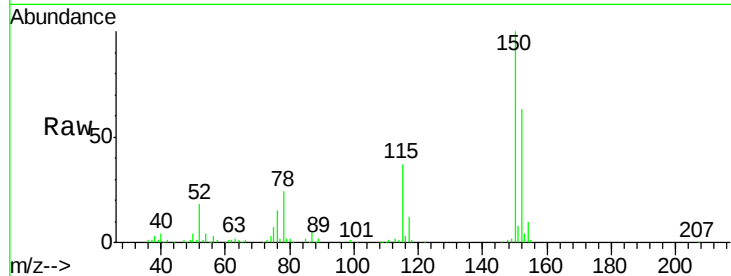
Tgt Ion:152 Resp: 99579

Ion Ratio Lower Upper

152 100

115 59.5 29.3 88.0

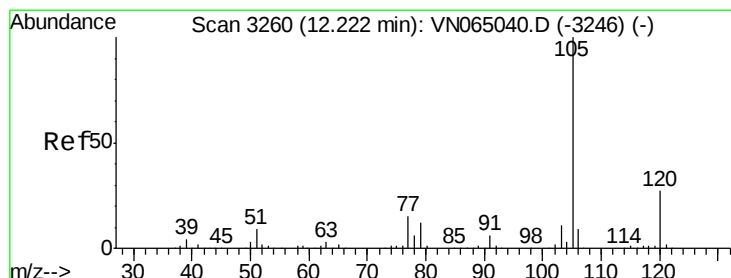
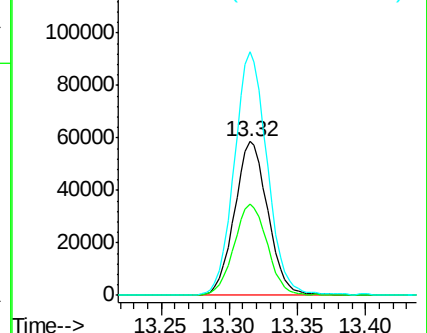
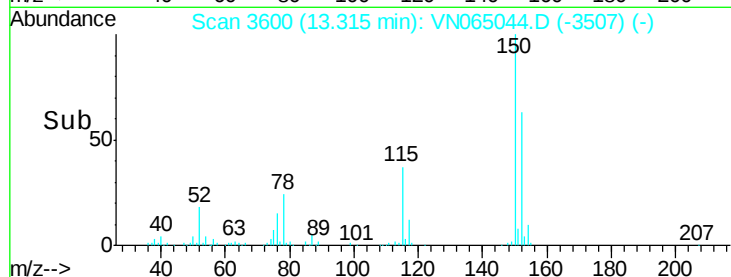
150 156.8 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.751 ug/l

RT: 12.22 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN065044.D

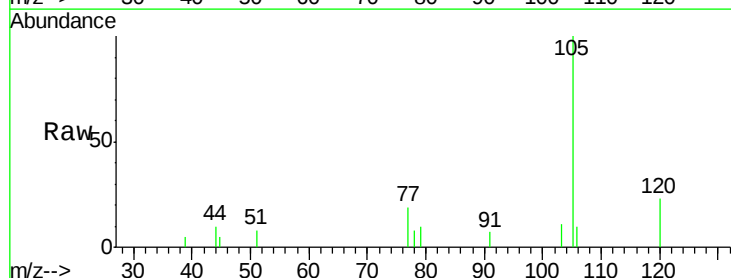
Acq: 10 Dec 2020 14:49

Tgt Ion:105 Resp: 5183

Ion Ratio Lower Upper

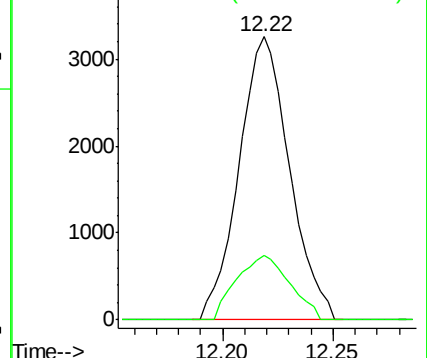
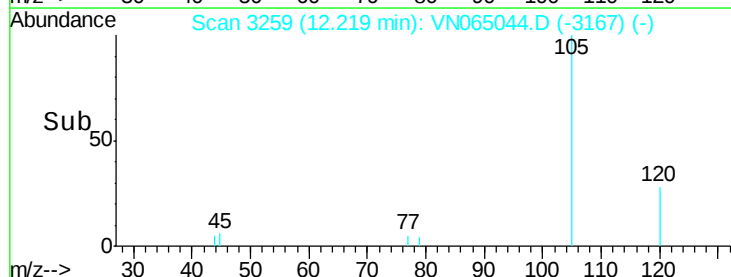
105 100

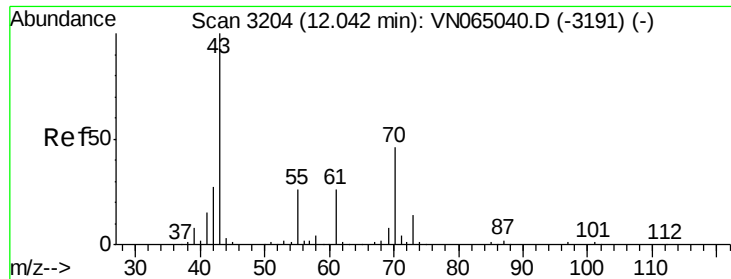
120 23.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 0.639 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tgt Ion: 43 Resp: 1703

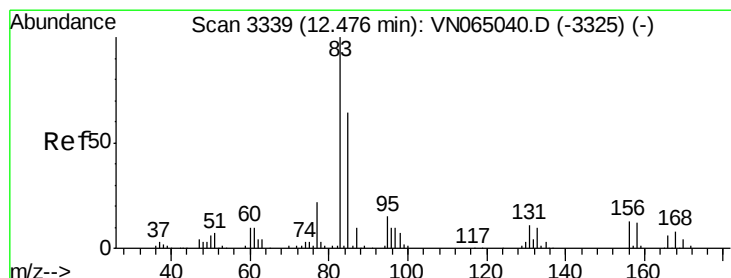
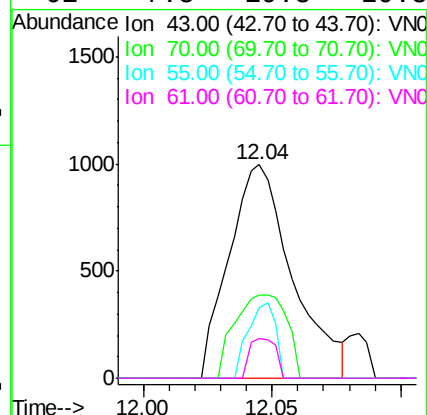
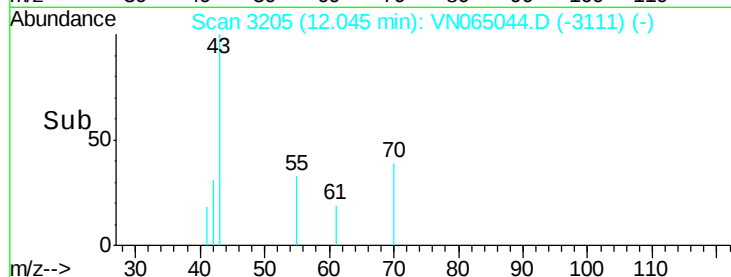
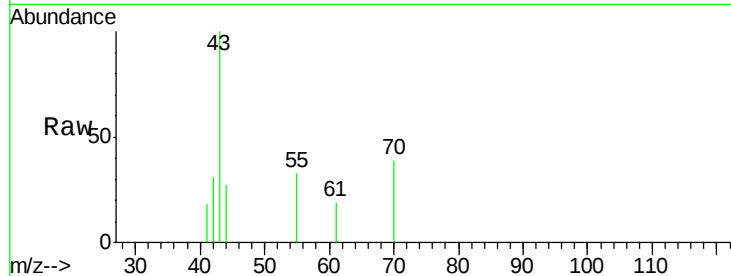
Ion Ratio Lower Upper

43 100

70 32.0 36.2 54.2#

55 15.4 21.4 32.0#

61 7.8 19.8 29.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.914 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

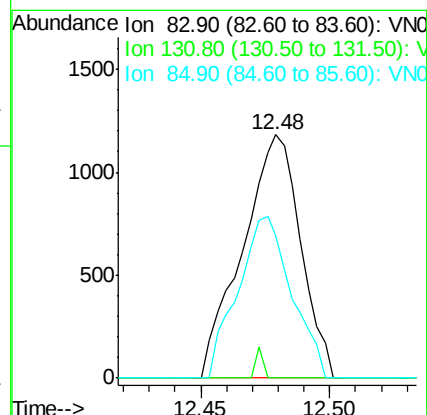
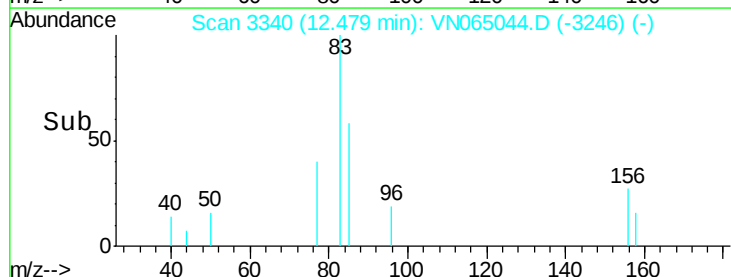
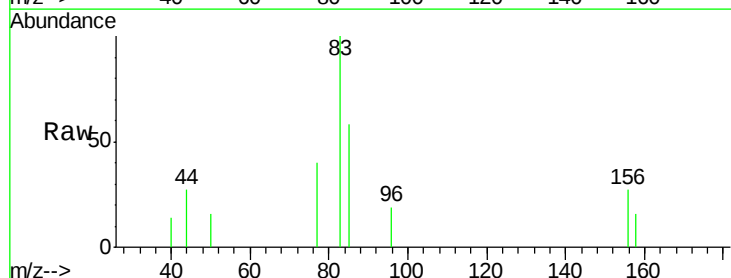
Tgt Ion: 83 Resp: 1855

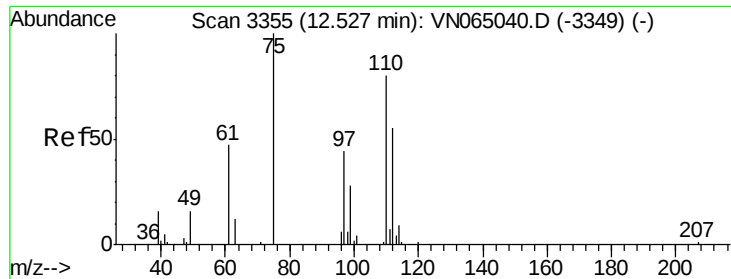
Ion Ratio Lower Upper

83 100

131 1.6 5.5 16.4#

85 61.1 32.3 96.9

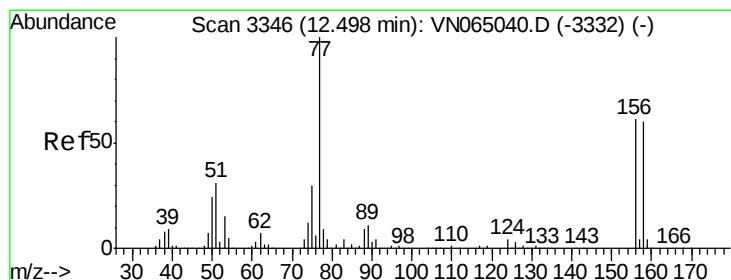
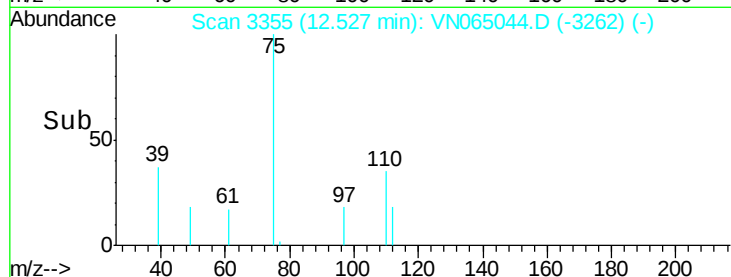
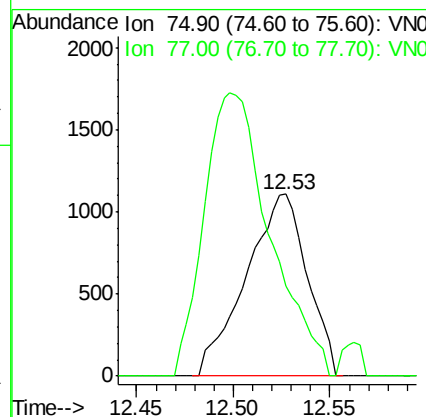
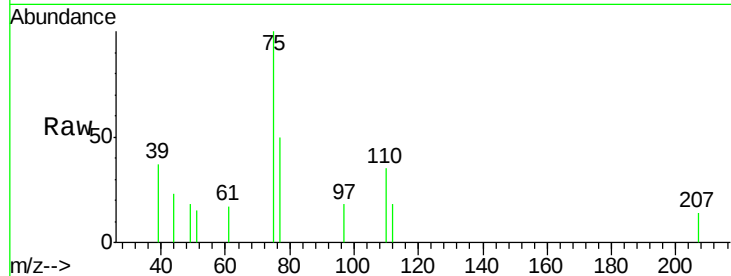




#76
 1,2,3-Trichloropropane
 Concen: 1.155 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

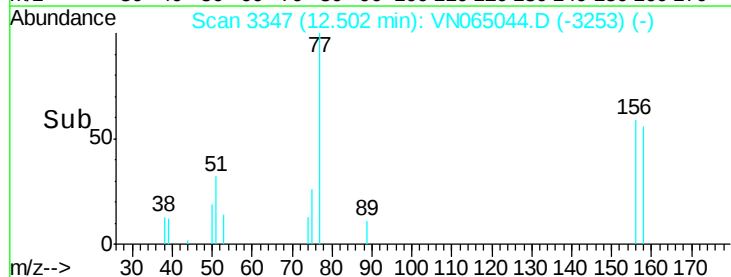
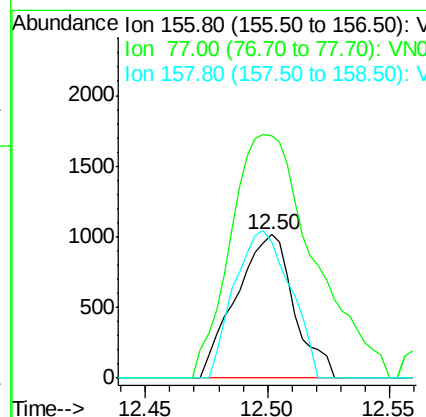
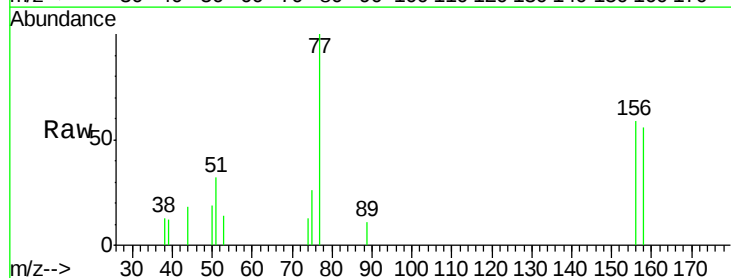
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

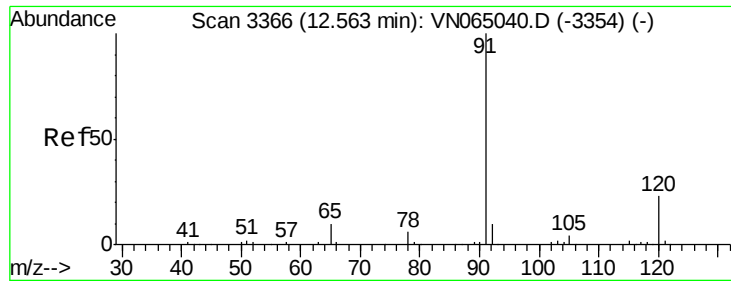
Tgt Ion: 75 Resp: 2438
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 0.898 ug/l
 RT: 12.50 min Scan# 3347
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion: 156 Resp: 1675
 Ion Ratio Lower Upper
 156 100
 77 242.7 99.3 297.8
 158 99.5 49.0 147.0

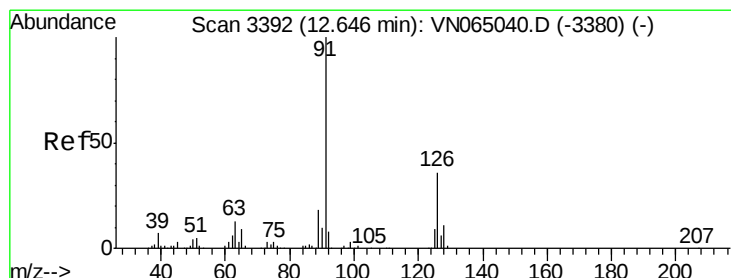
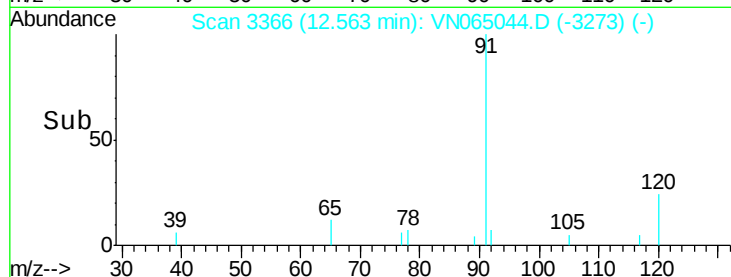
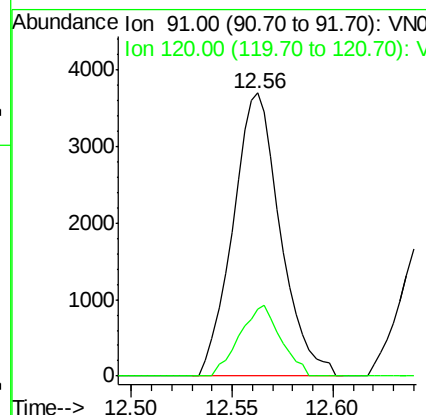
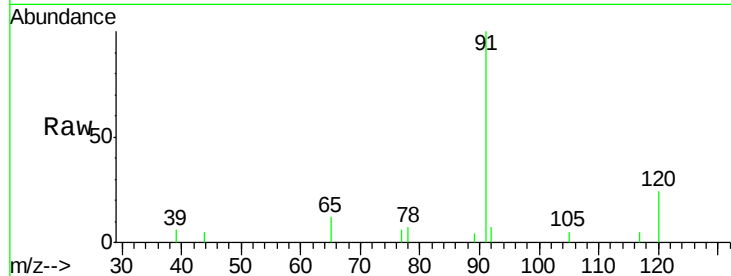




#78
 n-propylbenzene
 Concen: 0.775 ug/l
 RT: 12.56 min Scan# 3366
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

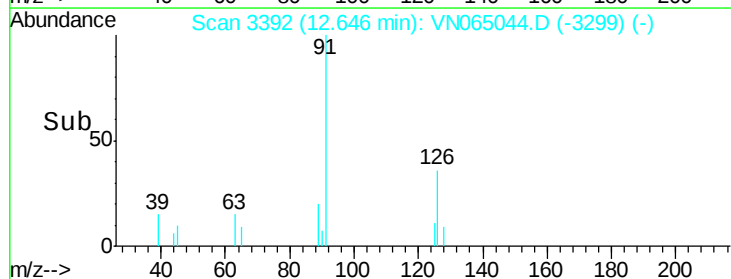
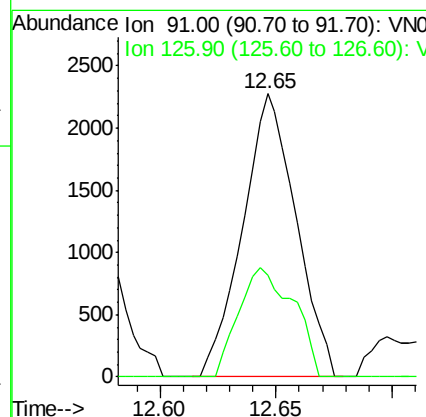
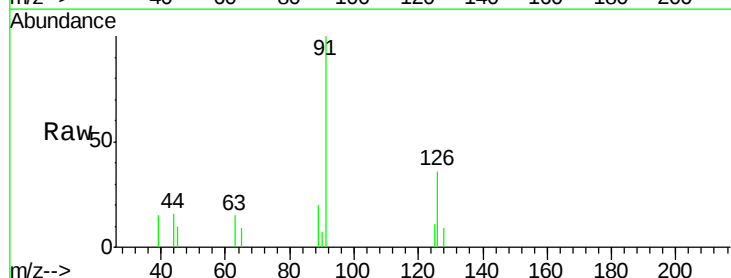
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

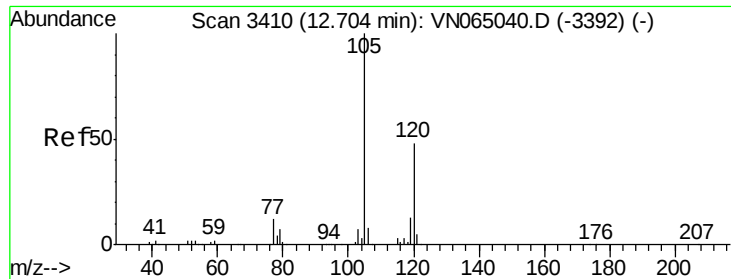
Tgt Ion: 91 Resp: 6069
 Ion Ratio Lower Upper
 91 100
 120 21.8 11.9 35.9



#79
 2-Chlorotoluene
 Concen: 0.751 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion: 91 Resp: 3638
 Ion Ratio Lower Upper
 91 100
 126 39.5 17.6 52.9

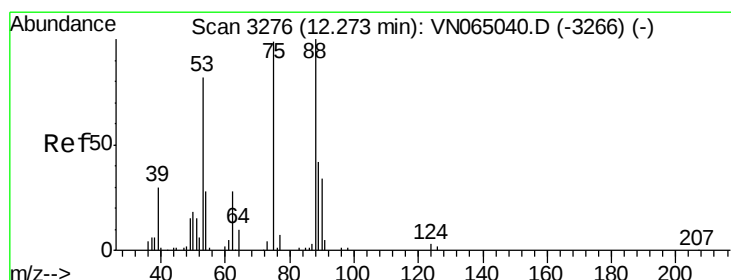
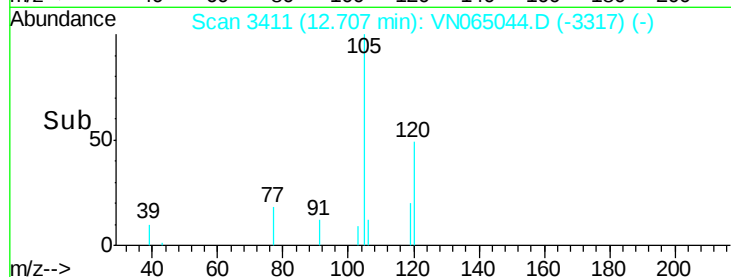
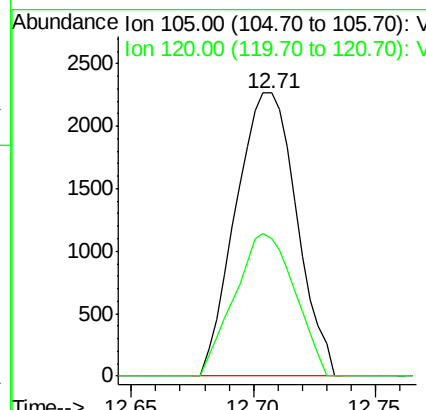
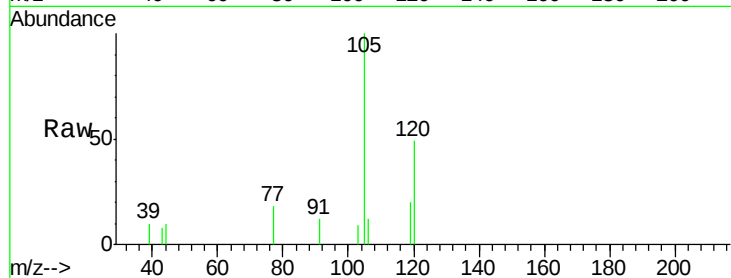




#80
 1,3,5-Trimethylbenzene
 Concen: 0.684 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

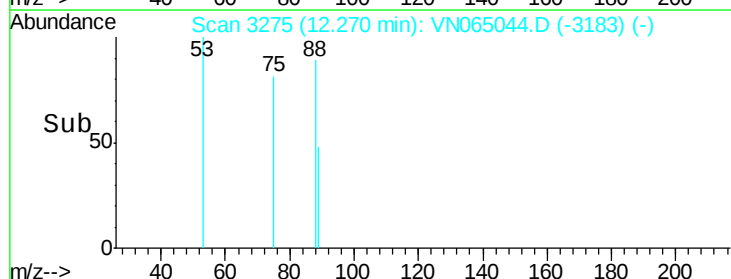
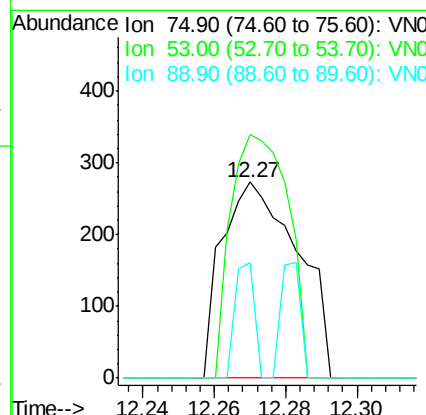
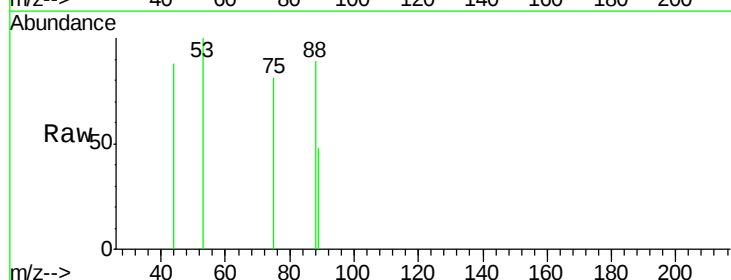
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

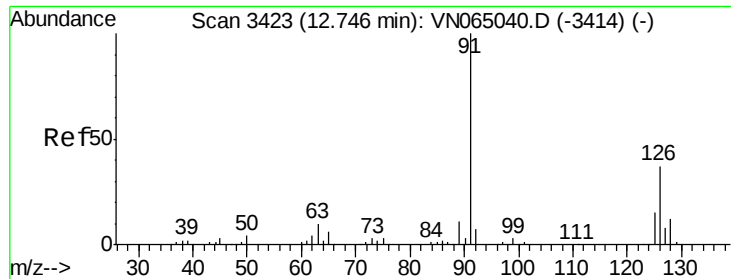
Tgt Ion: 105 Resp: 3921
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.5 73.5



#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.527 ug/l
 RT: 12.27 min Scan# 3275
 Delta R.T. -0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion: 75 Resp: 402
 Ion Ratio Lower Upper
 75 100
 53 93.8 68.6 103.0
 89 15.2 36.2 54.4#





#82

4-Chlorotoluene

Concen: 0.841 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

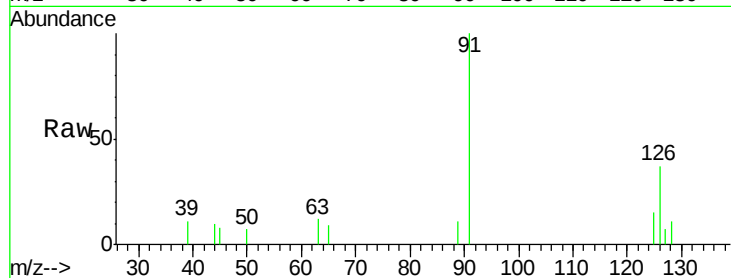
VSTDIC001

Tgt Ion: 91 Resp: 4276

Ion Ratio Lower Upper

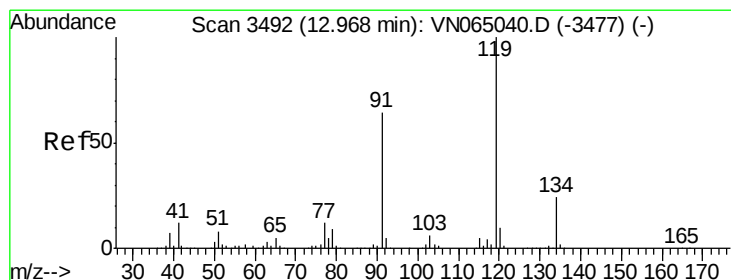
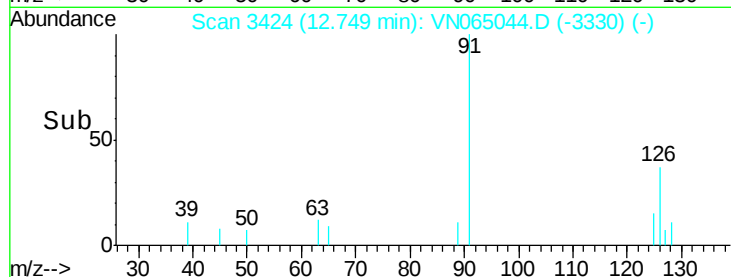
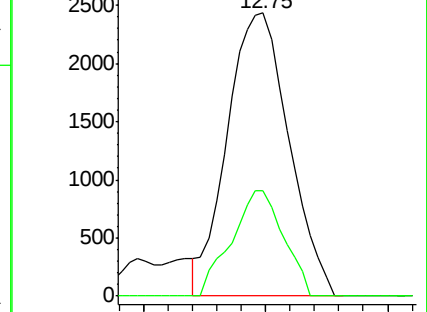
91 100

126 31.2 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN065040.D (-3414) (-)

Ion 125.90 (125.60 to 126.60): VN065040.D (-3414) (-)



#83

tert-Butylbenzene

Concen: 0.754 ug/l

RT: 12.96 min Scan# 3491

Delta R.T. -0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

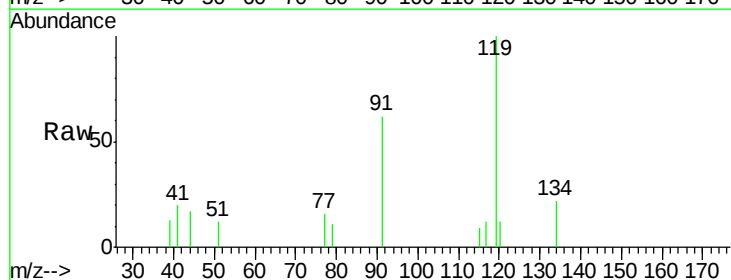
Tgt Ion: 119 Resp: 3624

Ion Ratio Lower Upper

119 100

91 60.1 31.1 93.5

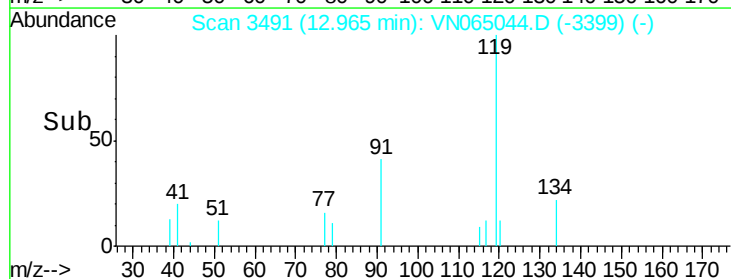
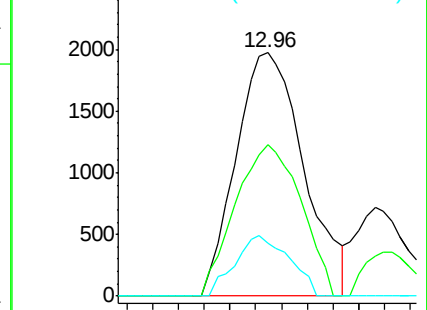
134 19.8 12.6 37.6

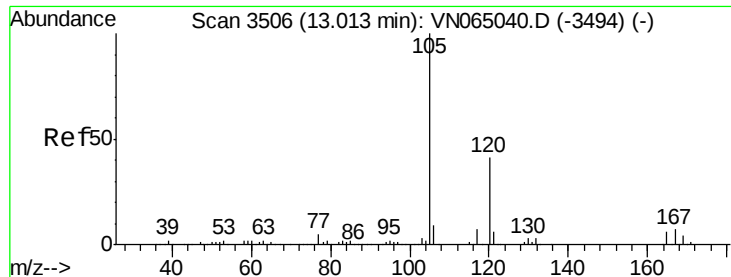


Abundance Ion 119.00 (118.70 to 119.70): VN065040.D (-3477) (-)

Ion 91.00 (90.70 to 91.70): VN065040.D (-3477) (-)

Ion 134.00 (133.70 to 134.70): VN065040.D (-3477) (-)

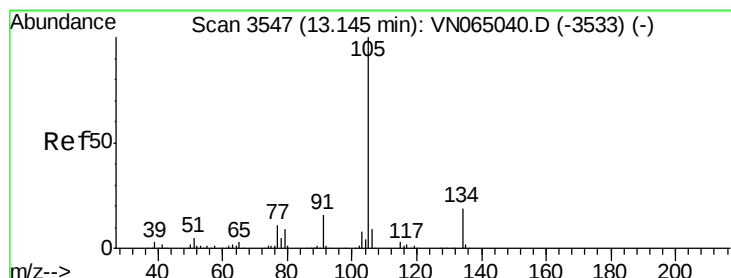
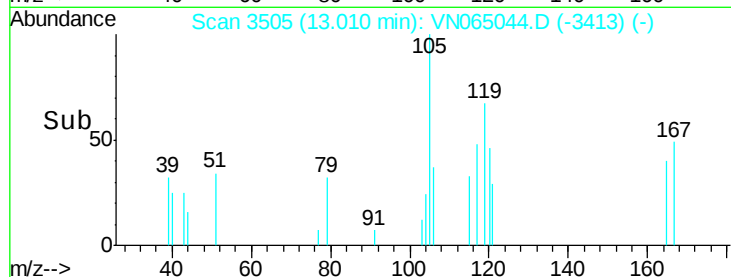
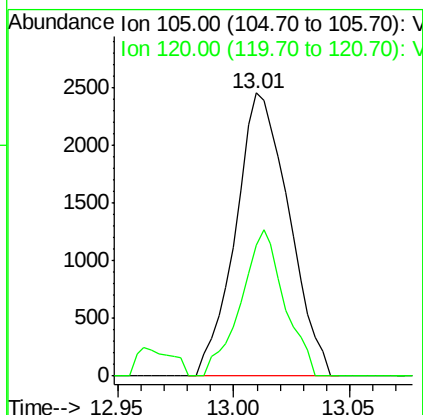
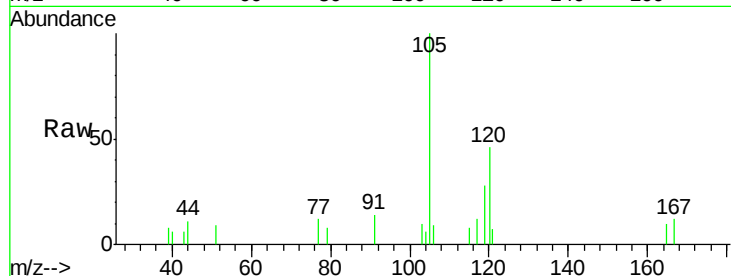




#84
1,2,4-Trimethylbenzene
Concen: 0.677 ug/l
RT: 13.01 min Scan# 3505
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

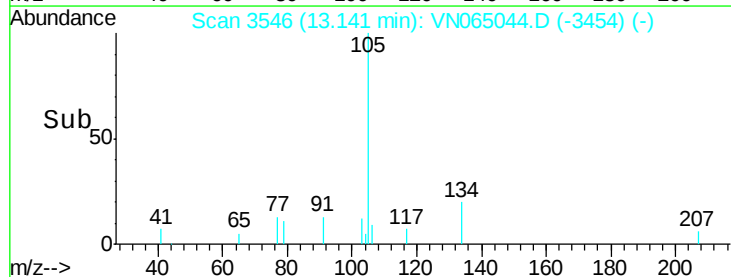
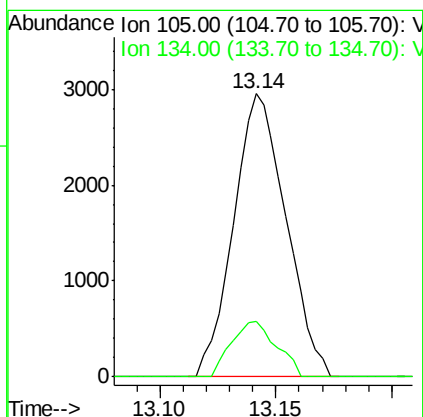
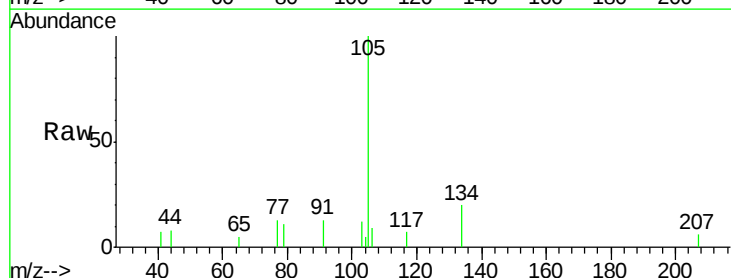
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

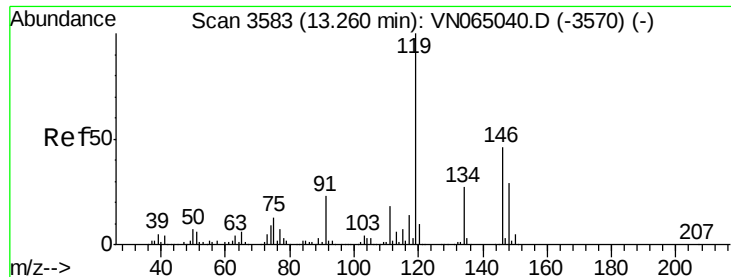
Tgt Ion:105 Resp: 3933
Ion Ratio Lower Upper
105 100
120 42.2 23.1 69.2



#85
sec-Butylbenzene
Concen: 0.730 ug/l
RT: 13.14 min Scan# 3546
Delta R.T. -0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion:105 Resp: 4630
Ion Ratio Lower Upper
105 100
134 16.8 9.8 29.5

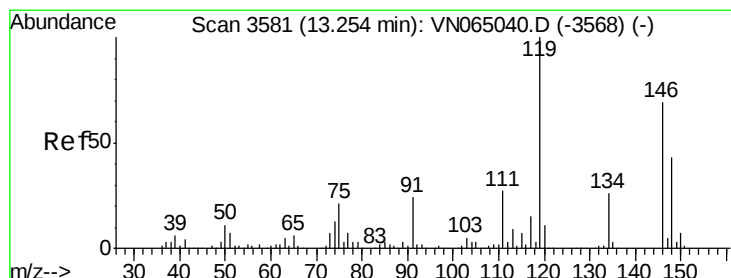
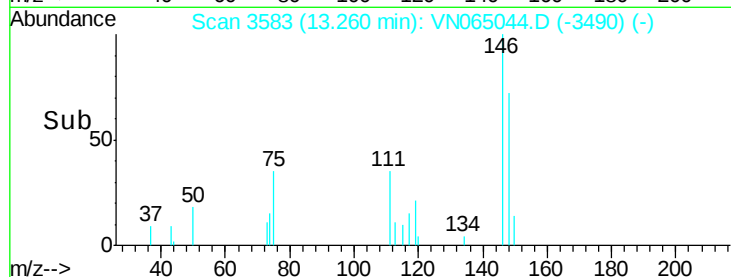
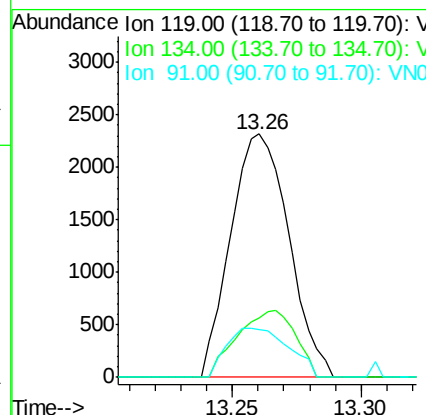
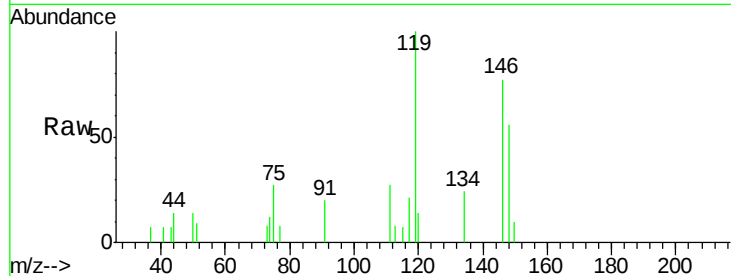




#86
p-Isopropyltoluene
Concen: 0.631 ug/l
RT: 13.26 min Scan# 3583
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

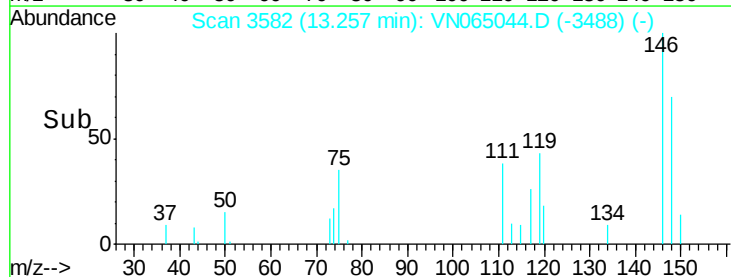
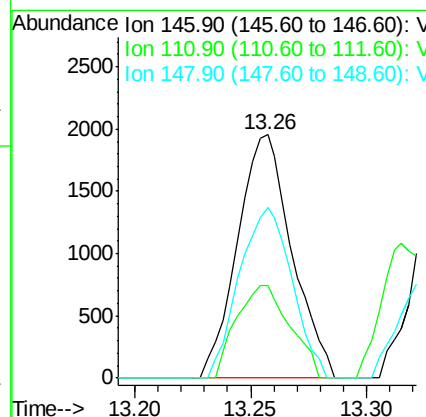
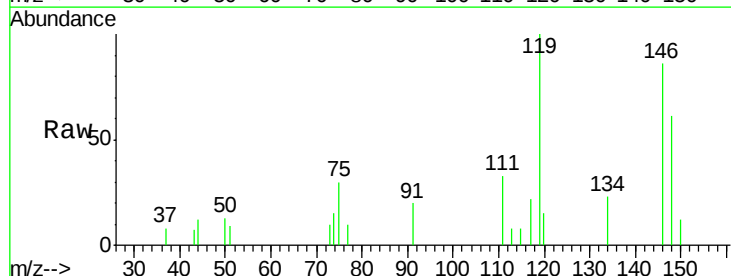
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

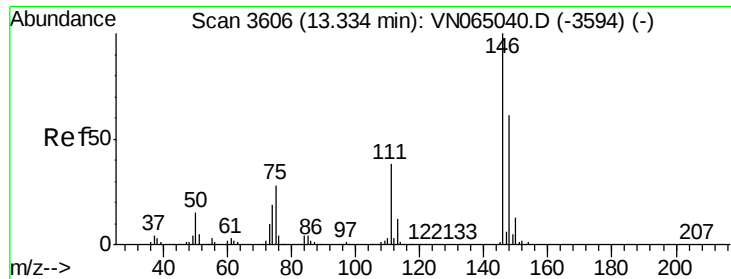
Tgt Ion:119 Resp: 3644
Ion Ratio Lower Upper
119 100
134 27.4 13.0 38.9
91 21.5 11.5 34.4



#87
1,3-Dichlorobenzene
Concen: 0.961 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN065044.D
Acq: 10 Dec 2020 14:49

Tgt Ion:146 Resp: 3185
Ion Ratio Lower Upper
146 100
111 37.6 20.0 59.9
148 67.7 31.6 94.7

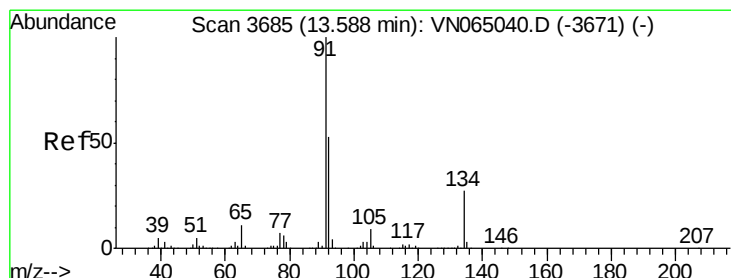
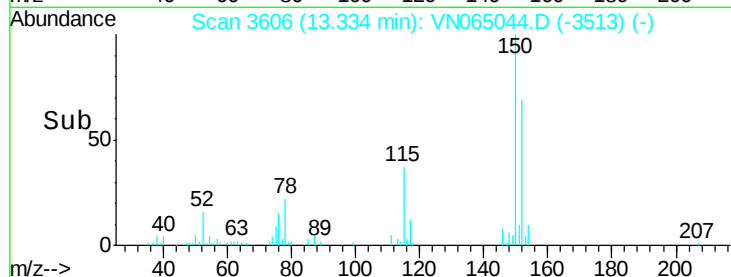
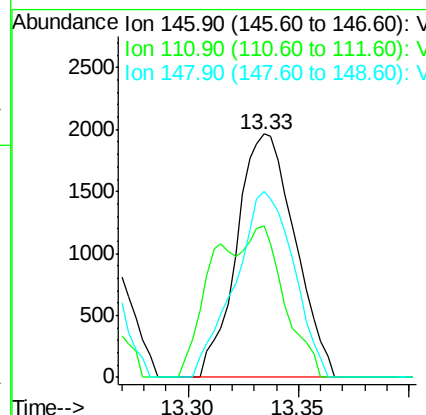
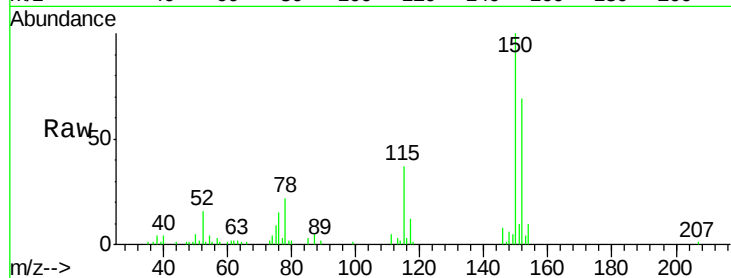




#88
 1,4-Dichlorobenzene
 Concen: 1.024 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

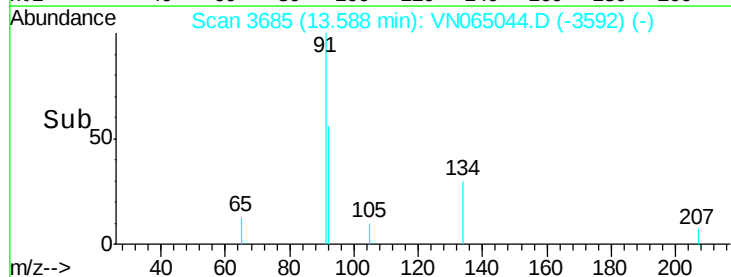
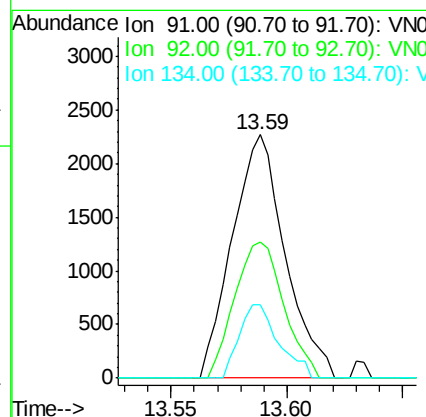
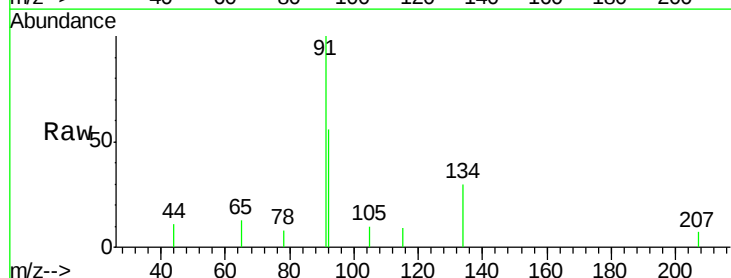
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

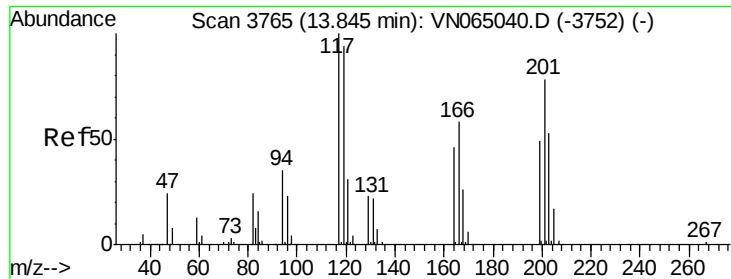
Tgt Ion: 146 Resp: 3589
 Ion Ratio Lower Upper
 146 100
 111 31.9 19.2 57.6
 148 76.8 31.1 93.3



#89
 n-Butylbenzene
 Concen: 0.713 ug/l
 RT: 13.59 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion: 91 Resp: 3598
 Ion Ratio Lower Upper
 91 100
 92 52.0 25.9 77.8
 134 22.5 13.2 39.6





#90

Hexachloroethane

Concen: 0.960 ug/l

RT: 13.84 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampleId :

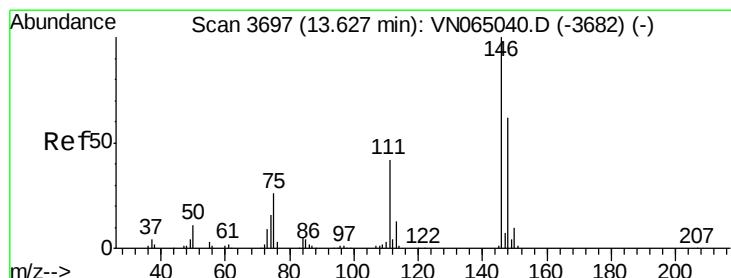
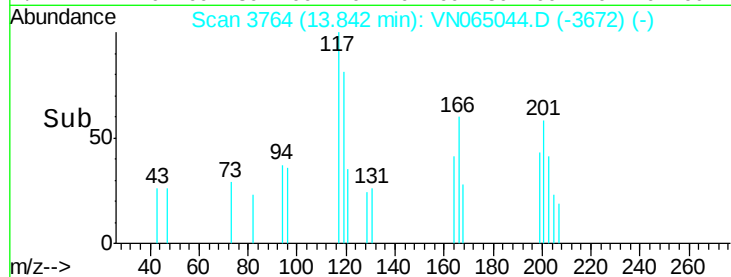
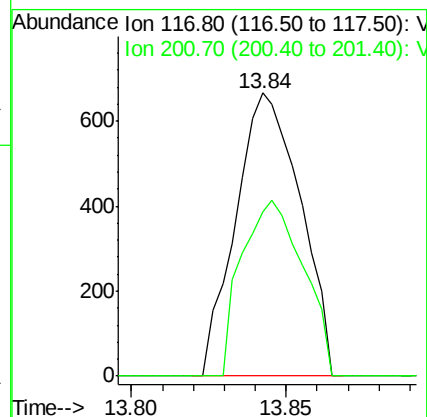
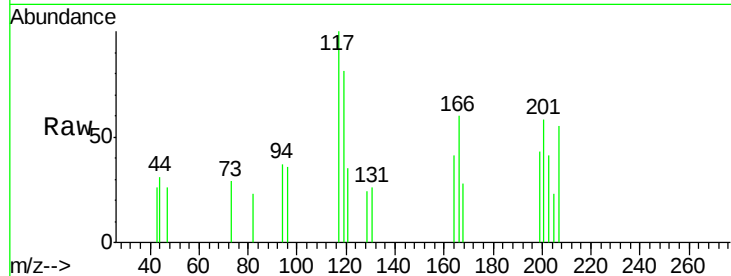
VSTDIC001

Tgt Ion:117 Resp: 968

Ion Ratio Lower Upper

117 100

201 59.3 39.5 118.3



#91

1,2-Dichlorobenzene

Concen: 1.038 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

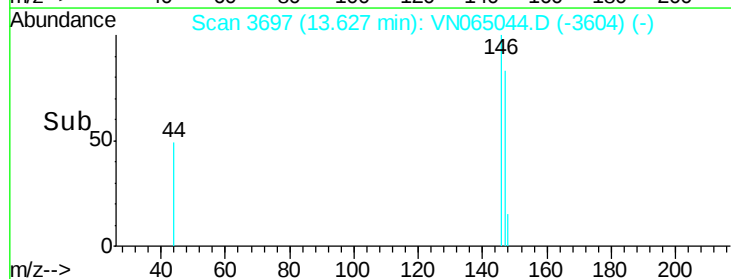
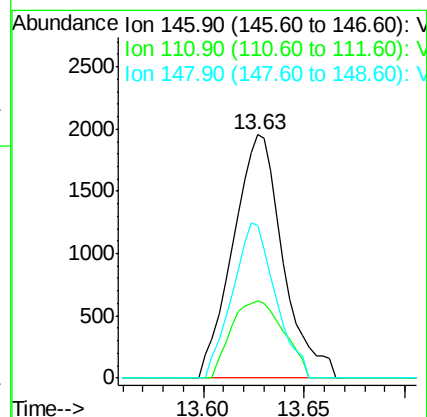
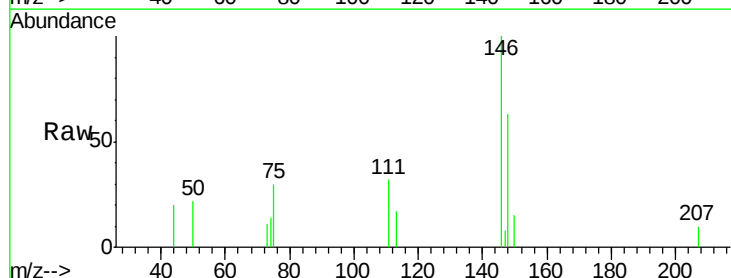
Tgt Ion:146 Resp: 3379

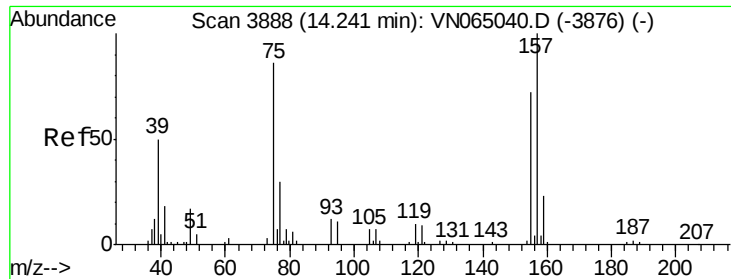
Ion Ratio Lower Upper

146 100

111 33.4 21.1 63.1

148 55.1 31.7 95.1

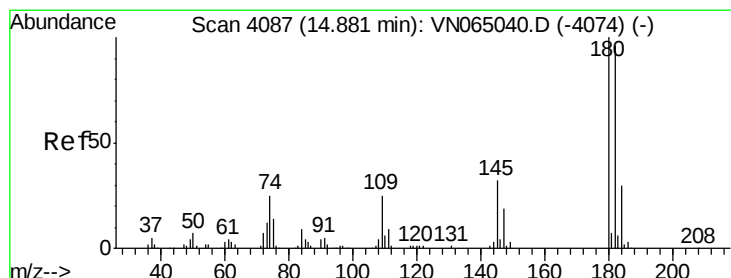
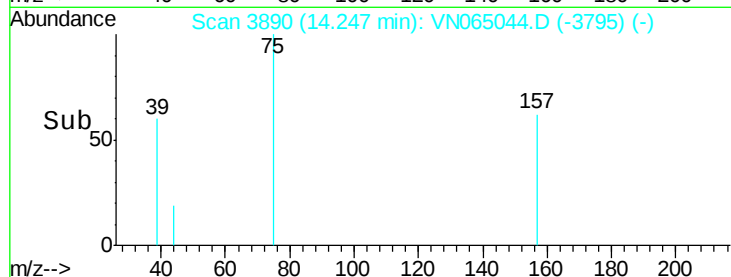
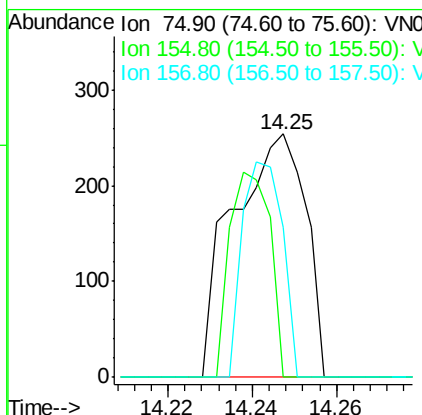
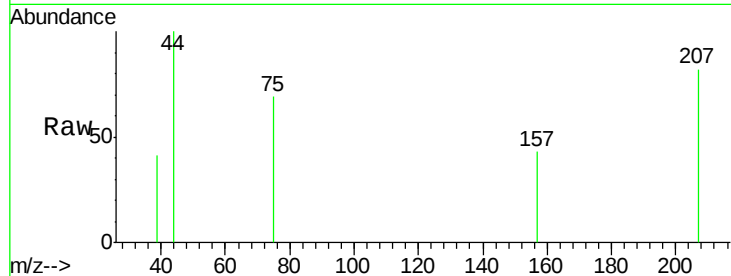




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.681 ug/l
 RT: 14.25 min Scan# 3890
 Delta R.T. 0.01 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

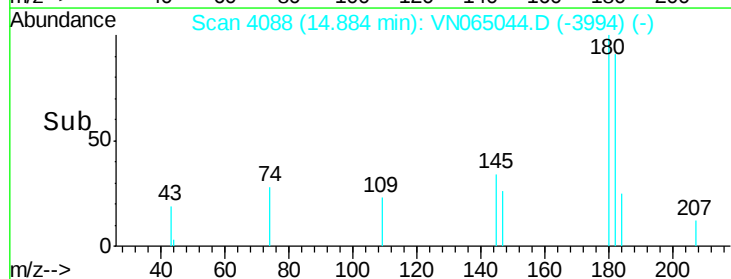
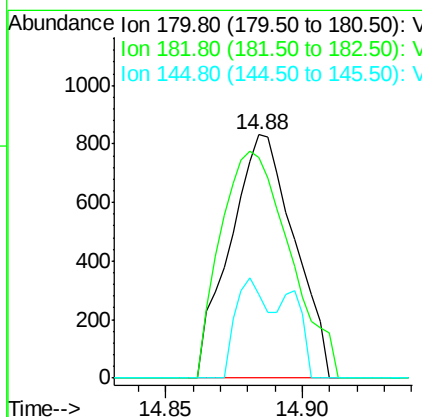
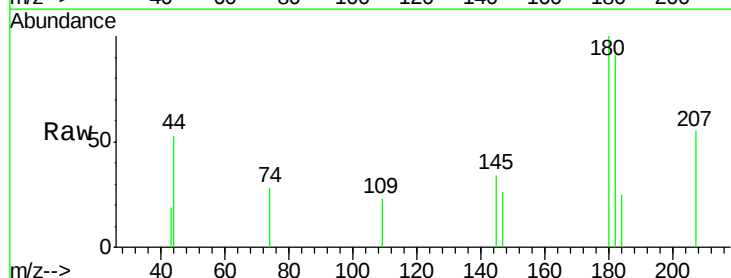
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

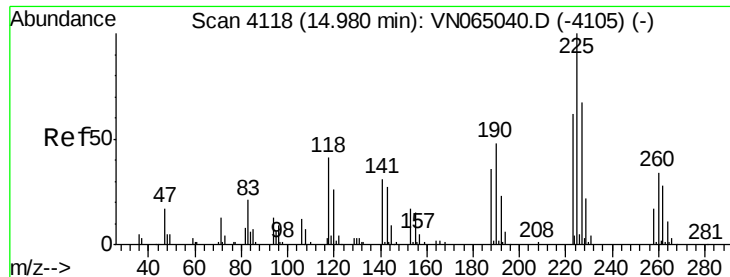
Tgt Ion: 75 Resp: 304
 Ion Ratio Lower Upper
 75 100
 155 47.0 43.8 131.4
 157 49.3 58.1 174.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.688 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Tgt Ion: 180 Resp: 1355
 Ion Ratio Lower Upper
 180 100
 182 100.8 47.0 141.2
 145 22.5 15.4 46.4





#94

Hexachlorobutadiene

Concen: 1.297 ug/l

RT: 14.98 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

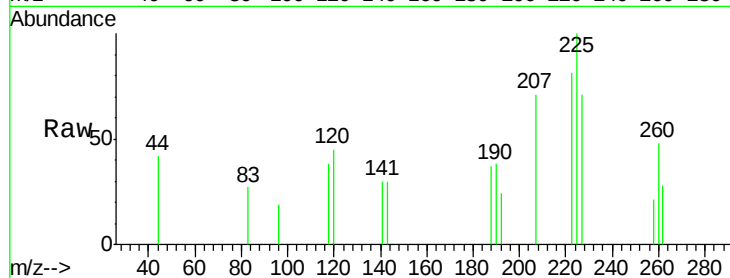
Tgt Ion:225 Resp: 1302

Ion Ratio Lower Upper

225 100

223 69.5 31.4 94.0

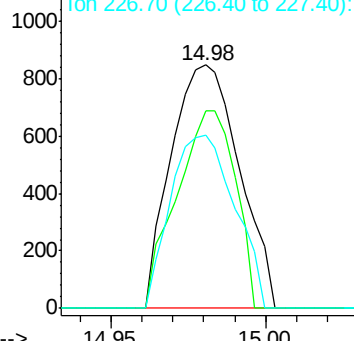
227 67.1 32.3 96.8



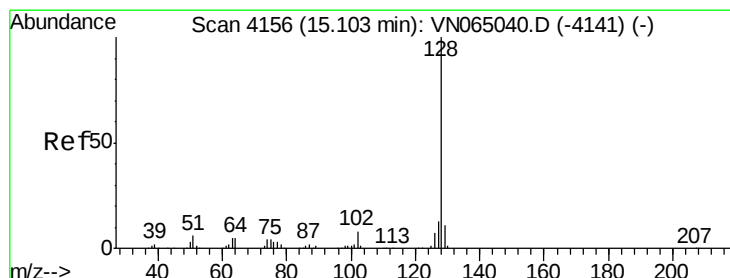
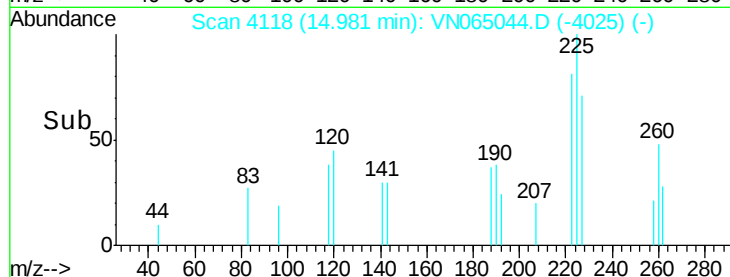
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->



#95

Naphthalene

Concen: 0.570 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN065044.D

Acq: 10 Dec 2020 14:49

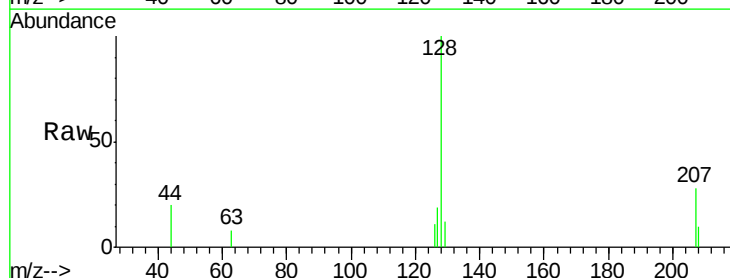
Tgt Ion:128 Resp: 3350

Ion Ratio Lower Upper

128 100

127 14.4 10.2 15.2

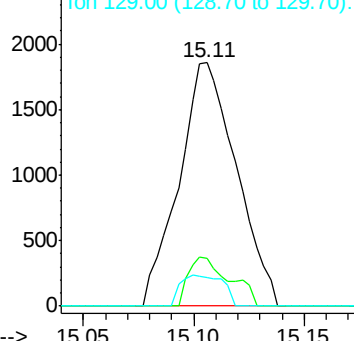
129 9.4 8.5 12.7



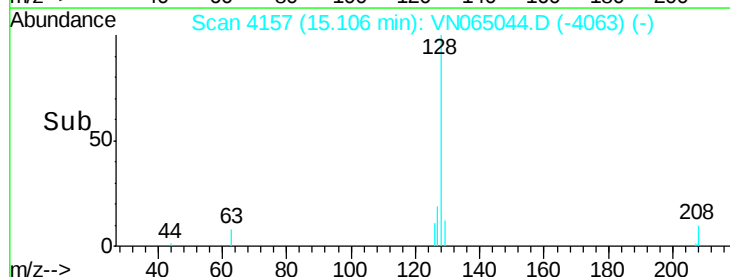
Abundance Ion 128.00 (127.70 to 128.70): V

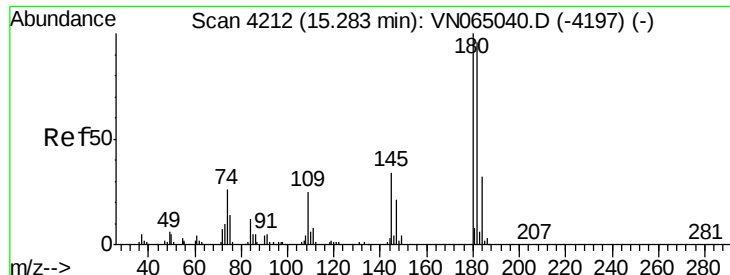
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 0.718 ug/l
 RT: 15.29 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN065044.D
 Acq: 10 Dec 2020 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 1391
 Ion Ratio Lower Upper
 180 100
 182 87.1 48.3 144.9
 145 21.7 16.2 48.6

