

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102921\
 Data File : VN069304.D
 Acq On : 29 Oct 2021 16:30
 Operator : JC/MD
 Sample : PB140327TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 30 05:43:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	287990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	519317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	519445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	181003	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	198278	47.694	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.380%
35) Dibromofluoromethane	8.024	113	149265	46.109	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.220%
50) Toluene-d8	10.443	98	655613	50.652	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.300%
62) 4-Bromofluorobenzene	12.733	95	233500	47.807	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.620%

Target Compounds			Qvalue			
3) Chloromethane	2.301	50	866	Below Cal	#	42
5) Bromomethane	2.880	94	599	0.247	ug/l	88
10) Methyl Iodide	4.425	142	133	2.491	ug/l #	41
11) Tert butyl alcohol	5.379	59	53	13.469	ug/l #	72
16) Acetone	4.293	43	24066	13.587	ug/l	100
18) Methyl Acetate	4.870	43	3079	0.512	ug/l #	64
20) Methylene Chloride	5.095	84	15118	4.450	ug/l	97
23) Vinyl Acetate	6.447	43	51	6.595	ug/l #	72
25) 2-Butanone	7.345	43	4234	3.184	ug/l	94
29) Tetrahydrofuran	7.705	42	1055	3.534	ug/l #	88
31) Cyclohexane	8.086	56	6903	1.241	ug/l #	4
36) 1,1-Dichloropropene	8.088	75	24426	5.456	ug/l #	49
37) Ethyl Acetate	7.345	43	4234	0.830	ug/l #	68
38) Carbon Tetrachloride	8.088	117	29860	6.756	ug/l #	16
43) Isopropyl Acetate	8.566	43	30307	3.834	ug/l #	91
45) 1,2-Dichloropropane	9.625	63	2041	0.595	ug/l #	43
48) Methyl methacrylate	9.547	41	8789	2.283	ug/l #	13
51) 4-Methyl-2-Pentanone	10.333	43	6036	7.418	ug/l #	86
53) t-1,3-Dichloropropene	10.446	75	25	1.943	ug/l #	43
54) cis-1,3-Dichloropropene	10.245	75	50871	9.557	ug/l #	62
56) Ethyl methacrylate	10.765	69	204	1.714	ug/l #	23
57) 1,3-Dichloropropane	11.092	76	30523	5.164	ug/l #	42
59) 2-Hexanone	11.092	43	439487	104.064	ug/l #	51
60) Dibromochloromethane	11.494	129	158	2.013	ug/l #	10
70) Styrene	12.294	104	1035	1.535	ug/l #	82
71) Bromoform	12.715	173	74	2.895	ug/l #	1
74) N-amyl acetate	12.396	43	2375	0.396	ug/l #	87
76) 1,2,3-Trichloropropane	12.733	75	124908	26.238	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.061	105	2625	0.208	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.733	75	124908	74.941	ug/l #	12
87) 1,3-Dichlorobenzene	13.616	146	1271	0.204	ug/l	86
88) 1,4-Dichlorobenzene	13.616	146	1271	0.283	ug/l	87
89) n-Butylbenzene	13.943	91	2825	0.274	ug/l	91
91) 1,2-Dichlorobenzene	13.989	146	1330	0.219	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.605	75	81	1.736	ug/l #	43
93) 1,2,4-Trichlorobenzene	15.268	180	2229	3.208	ug/l	91

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Quant Title : SW846 8260
QLast Update : Thu Oct 28 16:09:15 2021
Response via : Initial Calibration

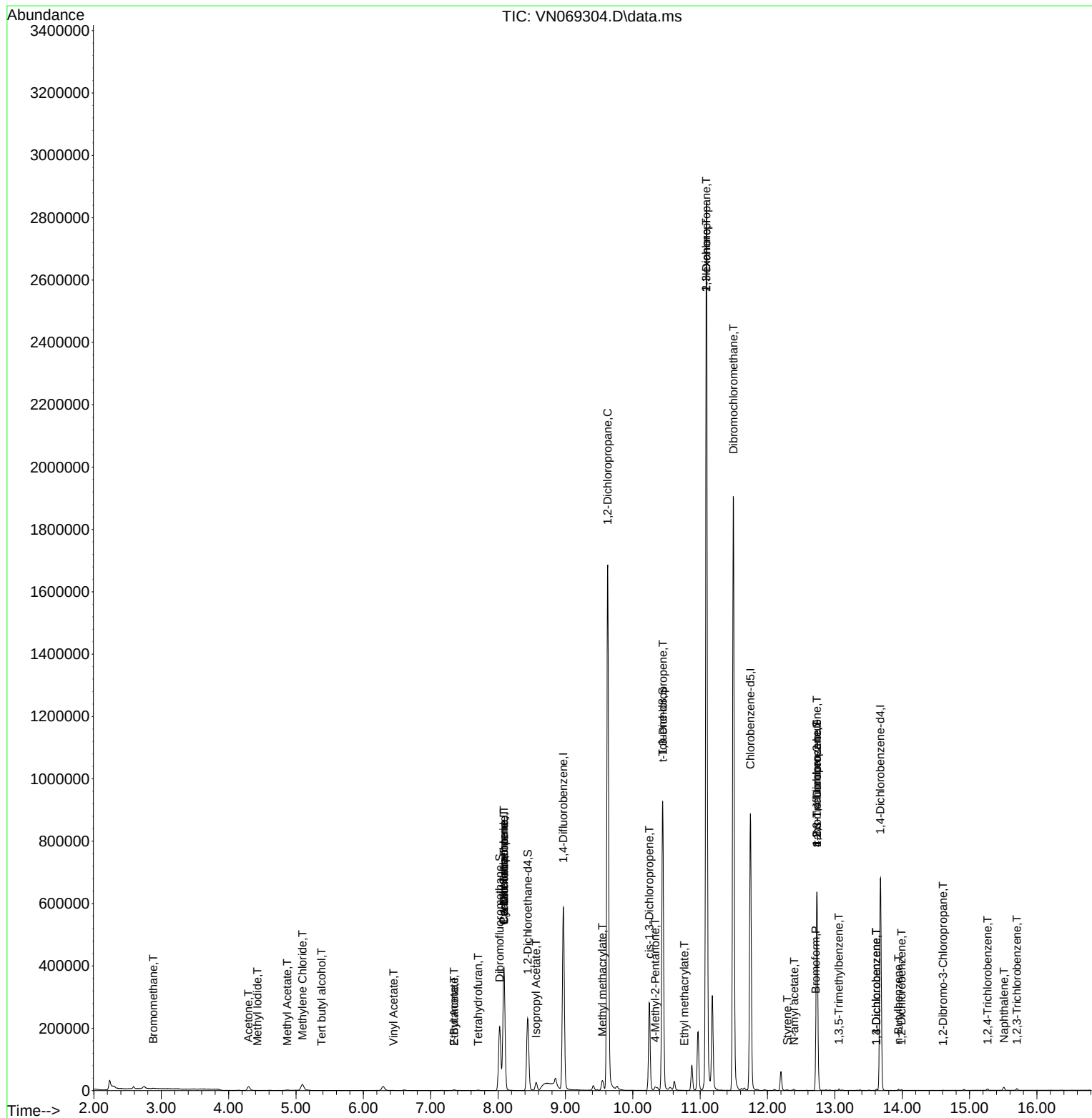
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.509	128	10304	4.372	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.702	180	2517	3.045	ug/l	92

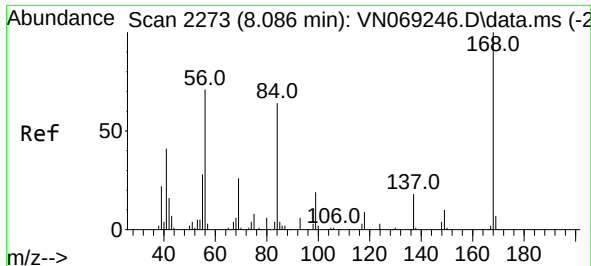
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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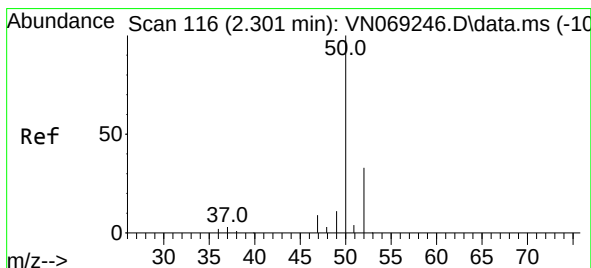
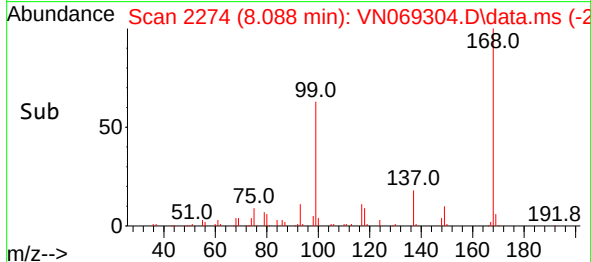
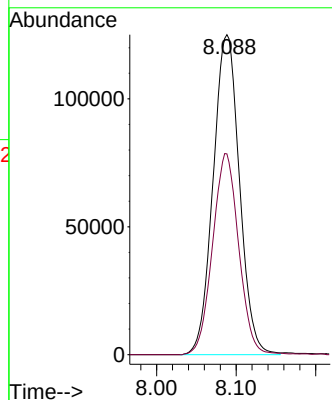
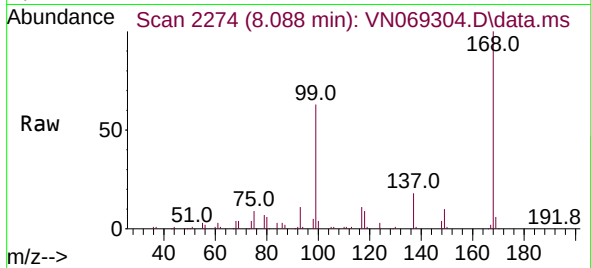




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

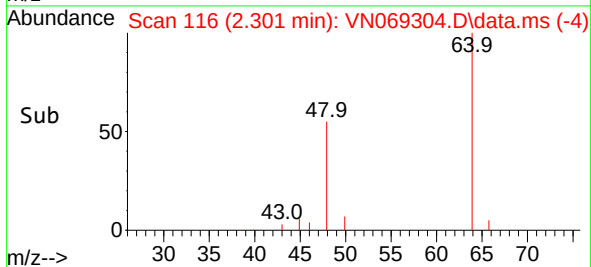
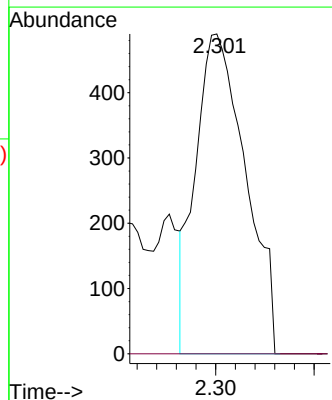
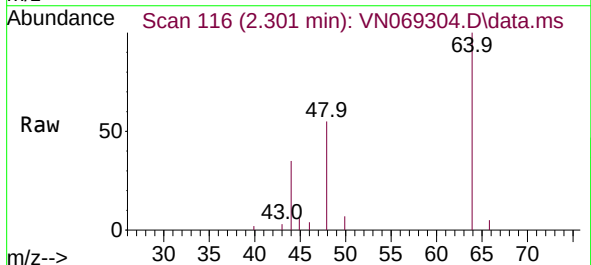
Instrument :
MSVOA_N
ClientSampleId :

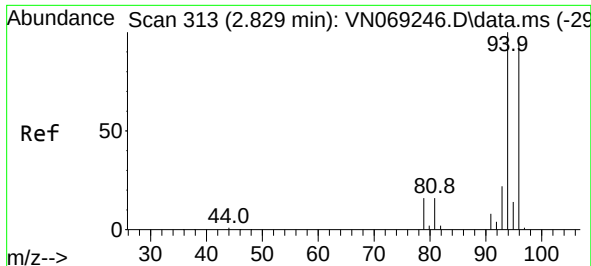
Tgt Ion:168 Resp: 287990
Ion Ratio Lower Upper
168 100
99 62.8 48.9 73.3



#3
Chloromethane
Concen: Below Cal
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Tgt Ion: 50 Resp: 866
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

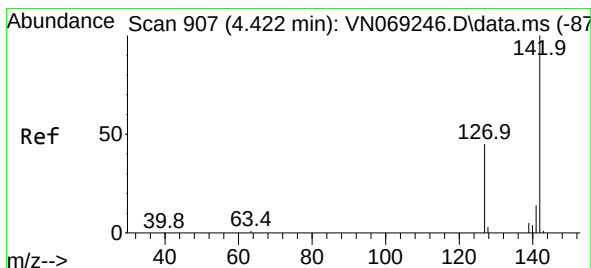
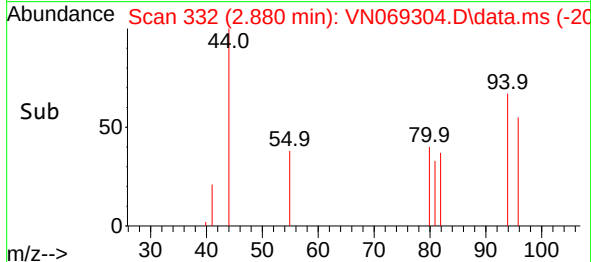
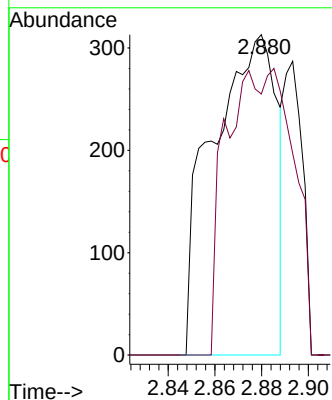
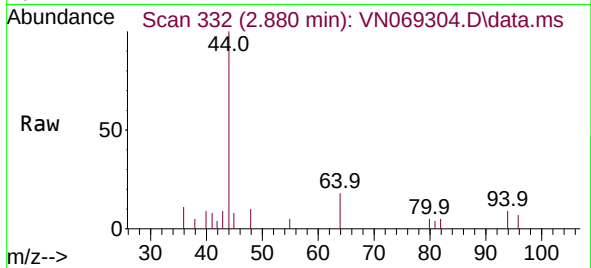




#5
Bromomethane
Concen: 0.247 ug/l
RT: 2.880 min Scan# 31
Delta R.T. 0.051 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

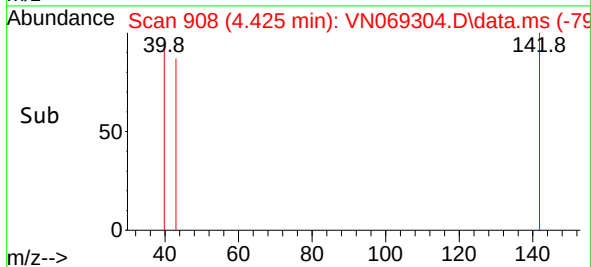
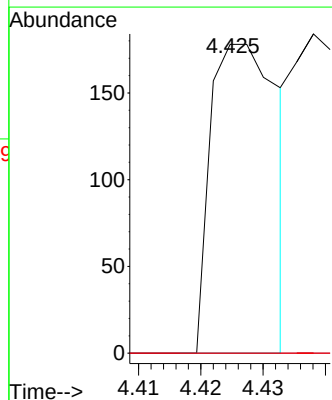
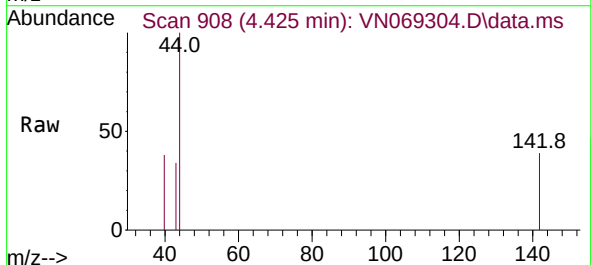
Instrument :
MSVOA_N
ClientSampleId :

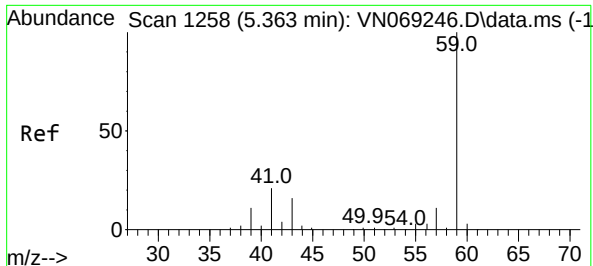
Tgt Ion: 94 Resp: 599
Ion Ratio Lower Upper
94 100
96 81.5 74.2 111.4



#10
Methyl Iodide
Concen: 2.491 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.003 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Tgt Ion: 142 Resp: 133
Ion Ratio Lower Upper
142 100
127 0.0 34.4 51.6#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 13.469 ug/l

RT: 5.379 min Scan# 11

Delta R.T. 0.016 min

Lab File: VN069304.D

Acq: 29 Oct 2021 16:30

Instrument :

MSVOA_N

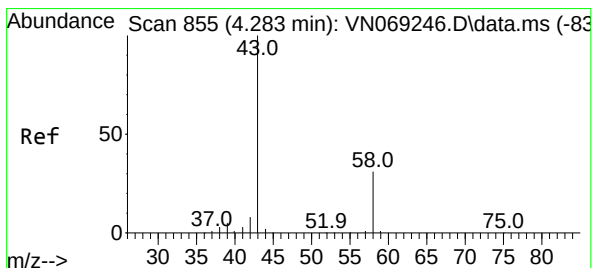
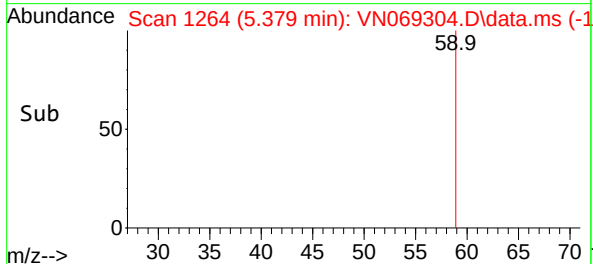
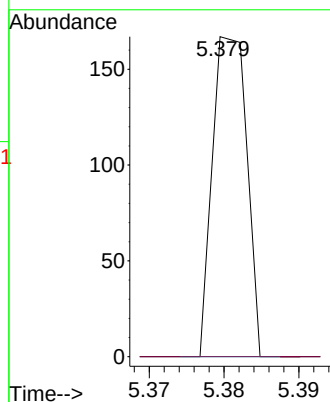
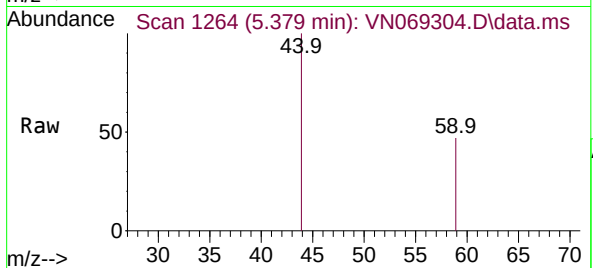
ClientSampleId :

Tgt Ion: 59 Resp: 53

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 13.587 ug/l

RT: 4.293 min Scan# 859

Delta R.T. 0.010 min

Lab File: VN069304.D

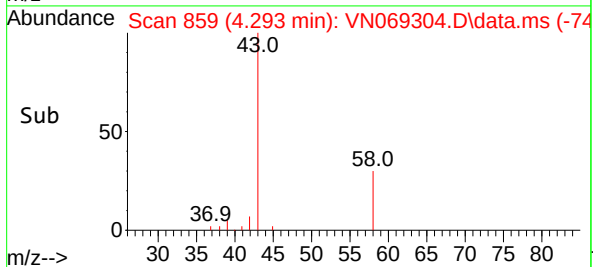
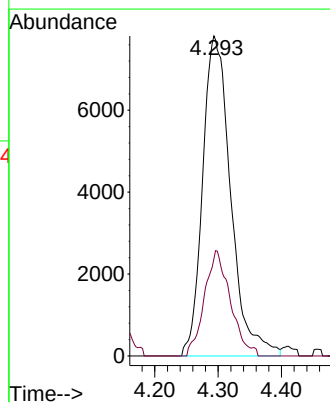
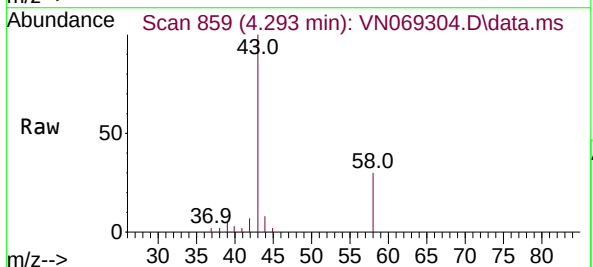
Acq: 29 Oct 2021 16:30

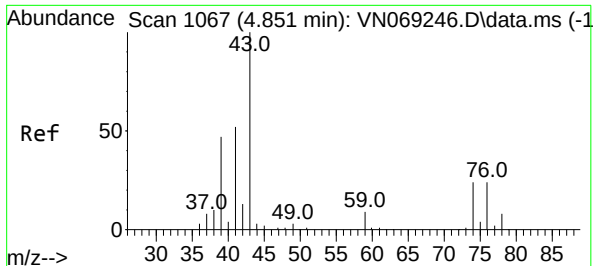
Tgt Ion: 43 Resp: 24066

Ion Ratio Lower Upper

43 100

58 30.4 24.5 36.7





#18

Methyl Acetate

Concen: 0.512 ug/l

RT: 4.870 min Scan# 1067

Delta R.T. 0.019 min

Lab File: VN069304.D

Acq: 29 Oct 2021 16:30

Instrument :

MSVOA_N

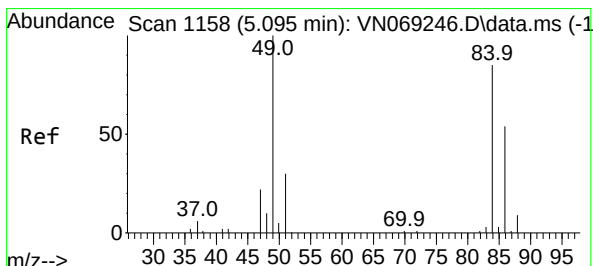
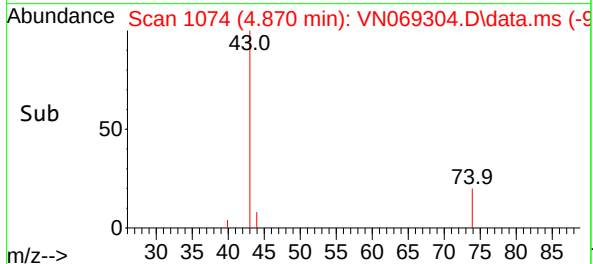
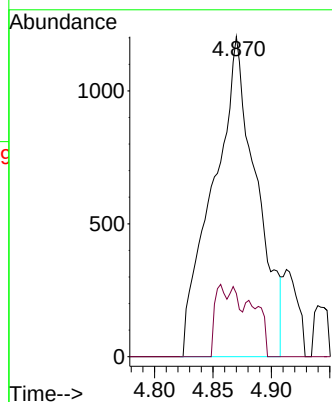
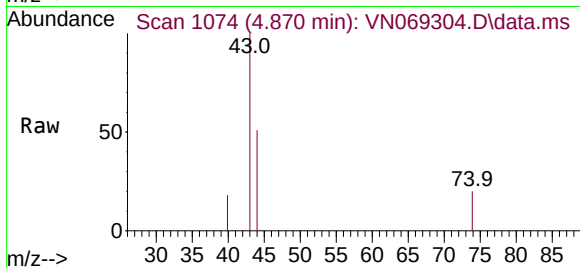
ClientSampleId :

Tgt Ion: 43 Resp: 3079

Ion Ratio Lower Upper

43 100

74 6.2 18.9 28.3#



#20

Methylene Chloride

Concen: 4.450 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN069304.D

Acq: 29 Oct 2021 16:30

Tgt Ion: 84 Resp: 15118

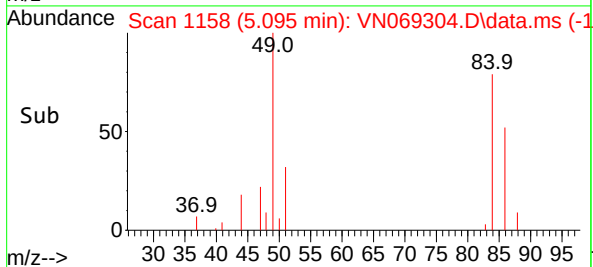
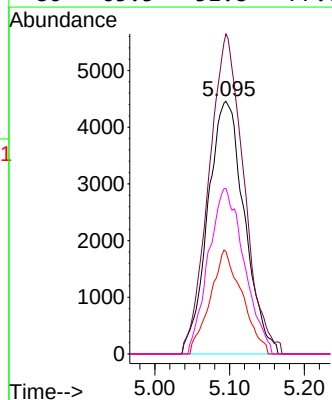
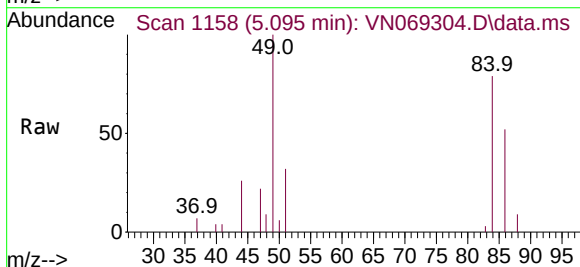
Ion Ratio Lower Upper

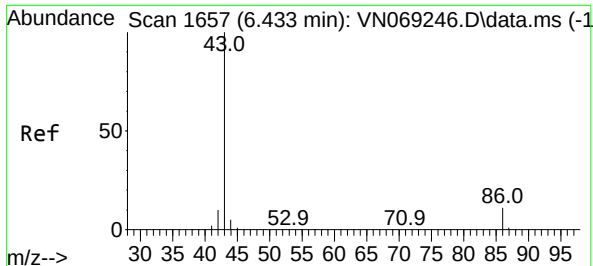
84 100

49 126.6 97.6 146.4

51 40.5 30.3 45.5

86 65.5 51.8 77.6

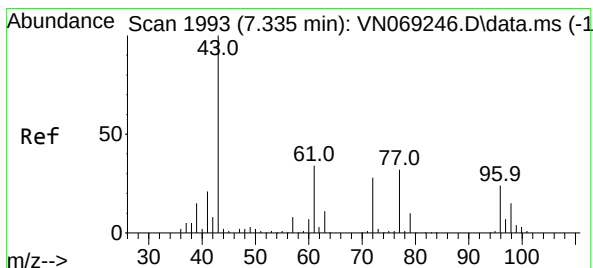
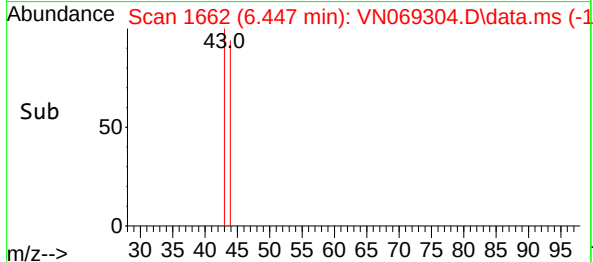
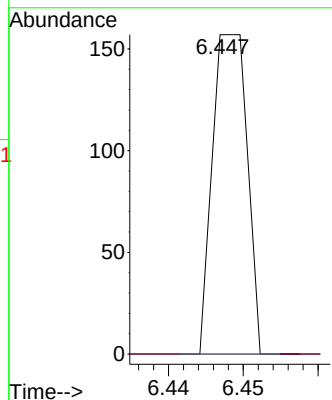
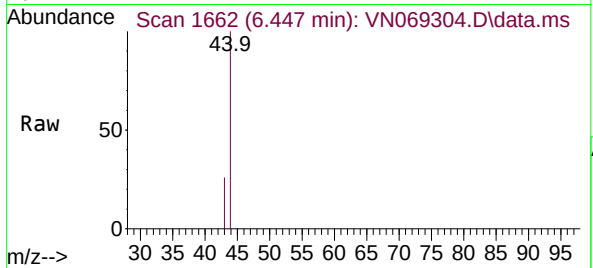




#23
 Vinyl Acetate
 Concen: 6.595 ug/l
 RT: 6.447 min Scan# 1
 Delta R.T. 0.014 min
 Lab File: VN069304.D
 Acq: 29 Oct 2021 16:30

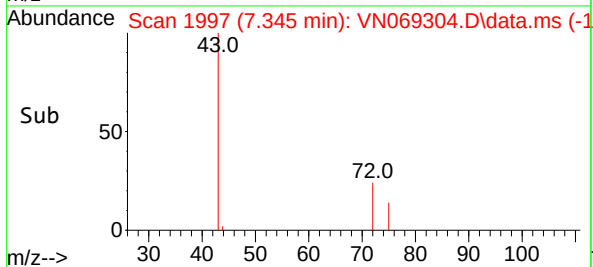
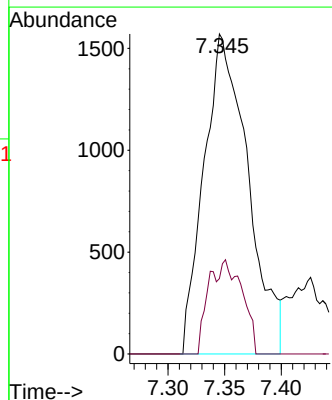
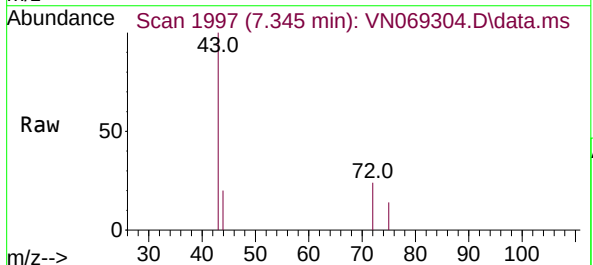
Instrument :
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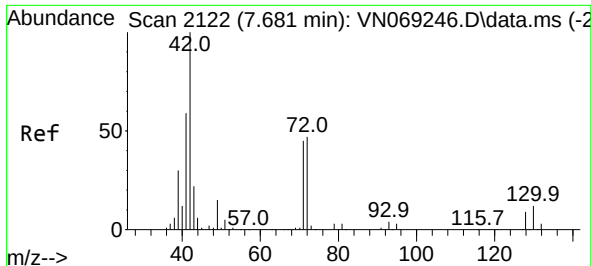
Tgt Ion: 43 Resp: 51
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.3 12.5#



#25
 2-Butanone
 Concen: 3.184 ug/l
 RT: 7.345 min Scan# 1997
 Delta R.T. 0.010 min
 Lab File: VN069304.D
 Acq: 29 Oct 2021 16:30

Tgt Ion: 43 Resp: 4234
 Ion Ratio Lower Upper
 43 100
 72 23.6 21.2 31.8





#29

Tetrahydrofuran

Concen: 3.534 ug/l

RT: 7.705 min Scan# 2122

Delta R.T. 0.024 min

Lab File: VN069304.D

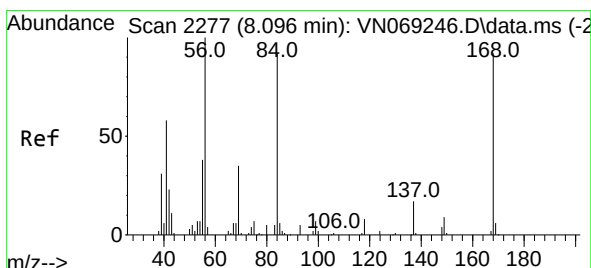
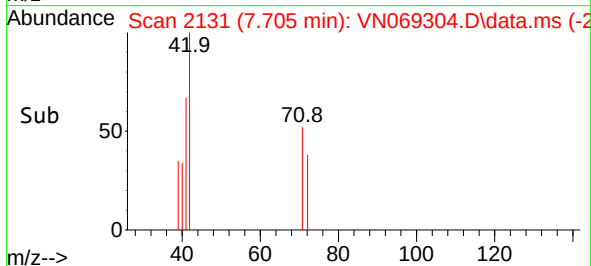
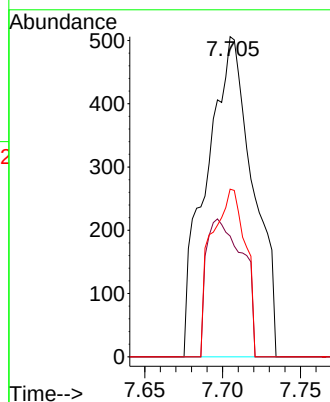
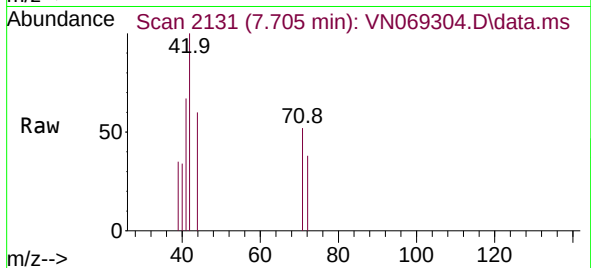
Acq: 29 Oct 2021 16:30

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 42	Resp: 1055
Ion Ratio	Lower Upper
42	100
72	33.5 35.4 53.2#
71	38.2 33.8 50.6



#31

Cyclohexane

Concen: 1.241 ug/l

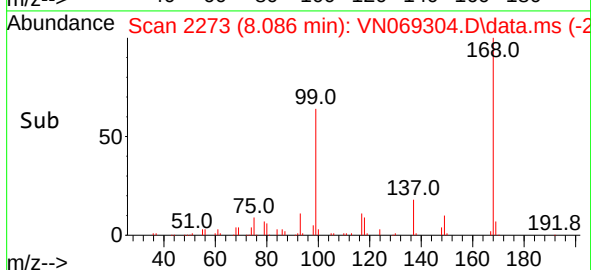
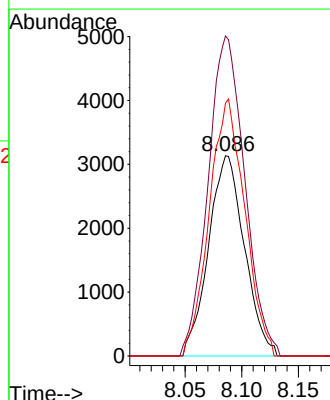
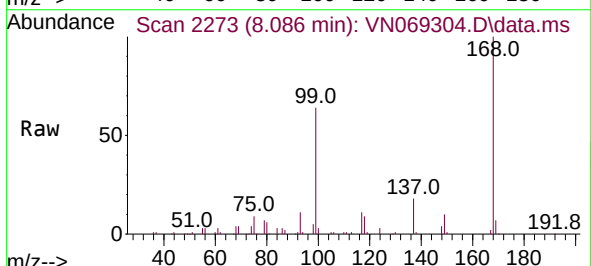
RT: 8.086 min Scan# 2273

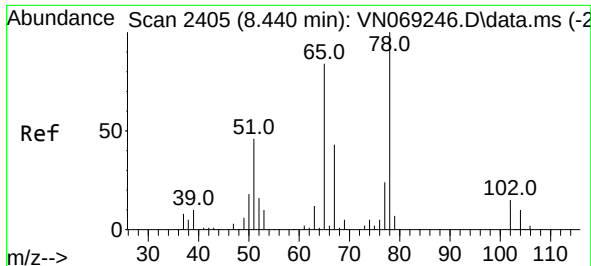
Delta R.T. -0.010 min

Lab File: VN069304.D

Acq: 29 Oct 2021 16:30

Tgt Ion: 56	Resp: 6903
Ion Ratio	Lower Upper
56	100
69	159.9 26.9 40.3#
84	126.3 67.6 101.4#

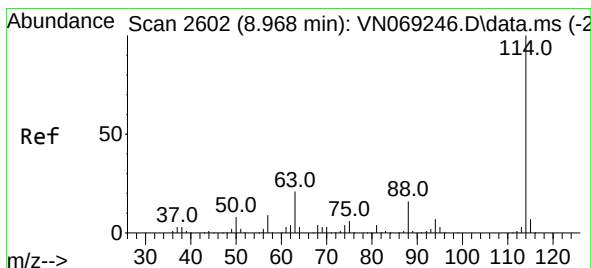
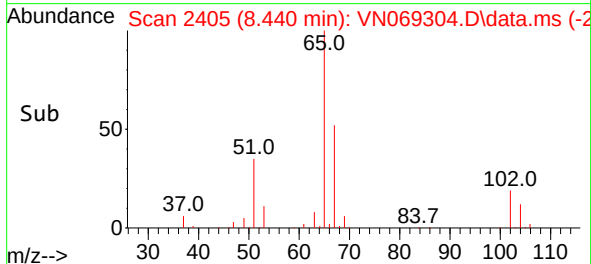
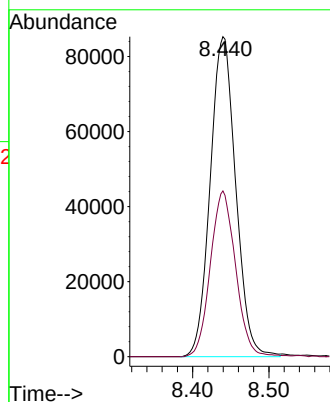
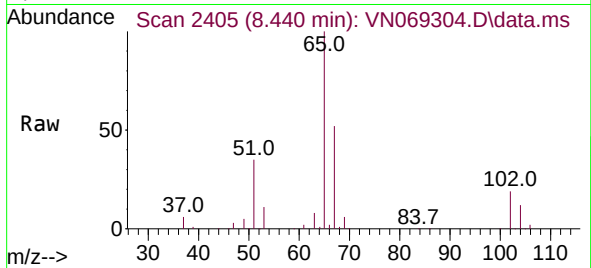




#33
 1,2-Dichloroethane-d4
 Concen: 47.694 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069304.D
 Acq: 29 Oct 2021 16:30

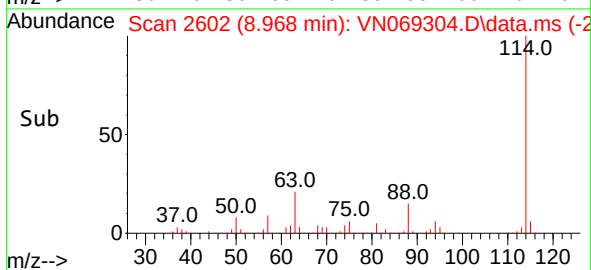
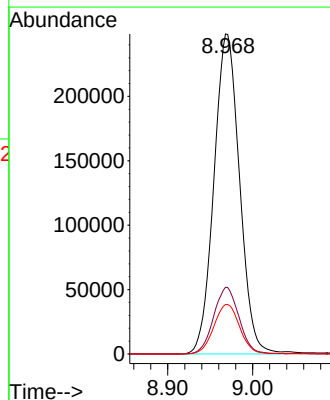
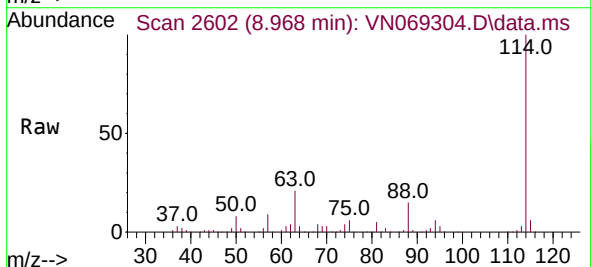
Instrument :
 MSVOA_N
 ClientSampleId :

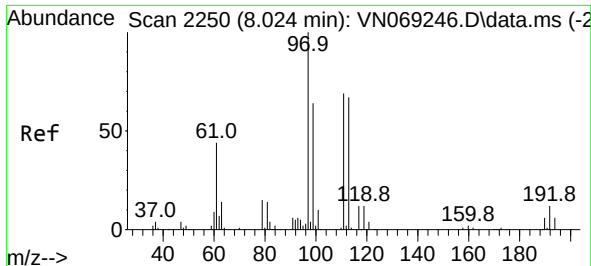
Tgt Ion: 65 Resp: 198278
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. -0.000 min
 Lab File: VN069304.D
 Acq: 29 Oct 2021 16:30

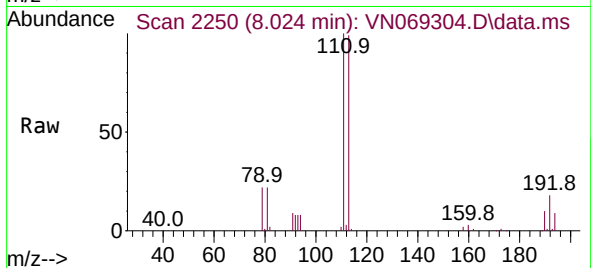
Tgt Ion: 114 Resp: 519317
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 15.4 0.0 32.0



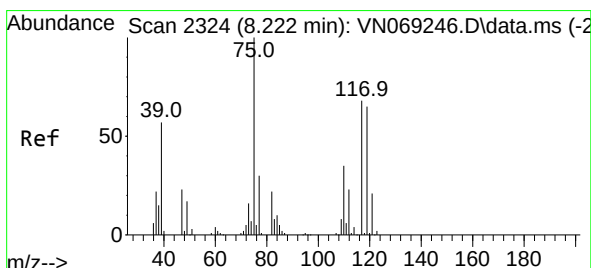
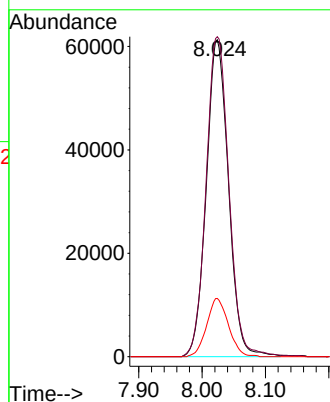
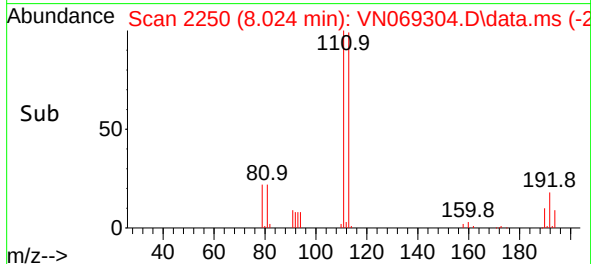


#35
Dibromofluoromethane
Concen: 46.109 ug/l
RT: 8.024 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Instrument :
MSVOA_N
ClientSampleId :

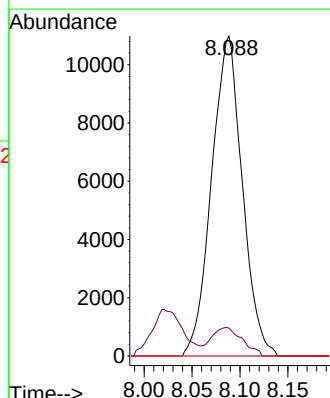
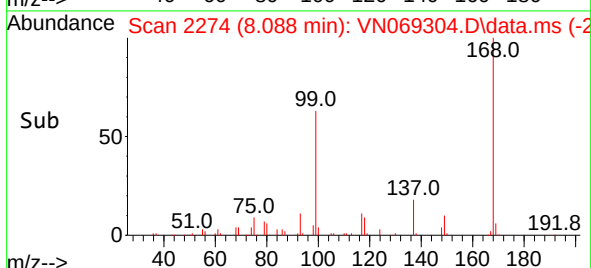
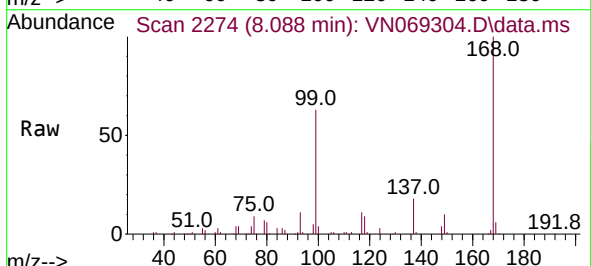


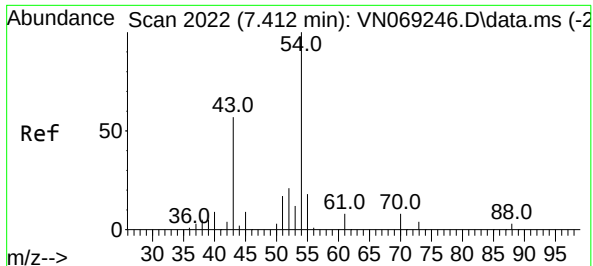
Tgt Ion:113 Resp: 149265
Ion Ratio Lower Upper
113 100
111 103.9 83.2 124.8
192 17.9 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.456 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

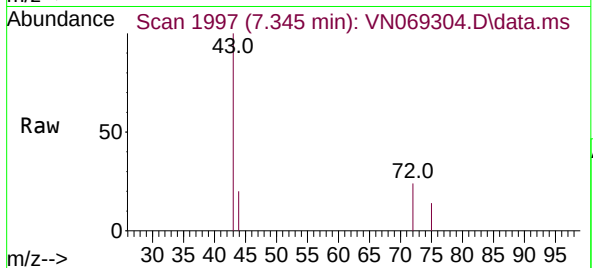
Tgt Ion: 75 Resp: 24426
Ion Ratio Lower Upper
75 100
110 8.9 17.9 53.8#
77 0.0 24.7 37.1#



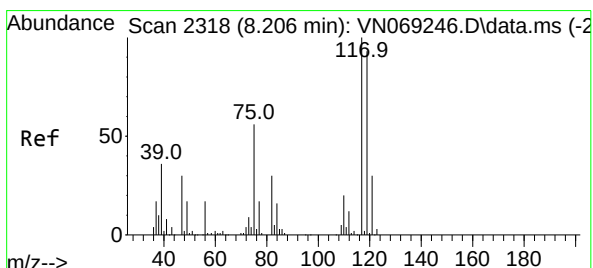
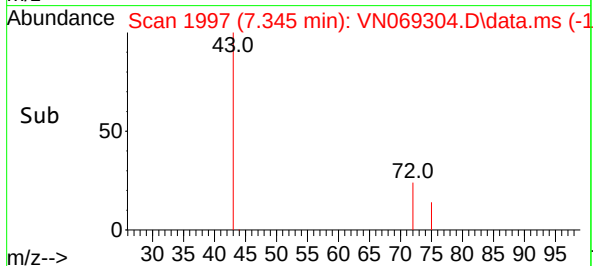
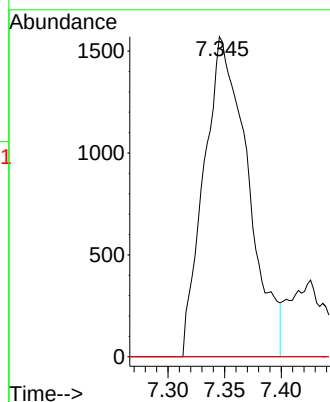


#37
Ethyl Acetate
Concen: 0.830 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. -0.067 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Instrument :
MSVOA_N
ClientSampleId :

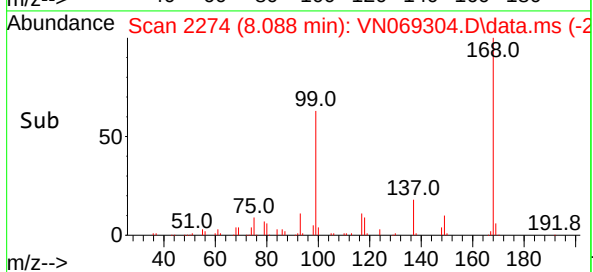
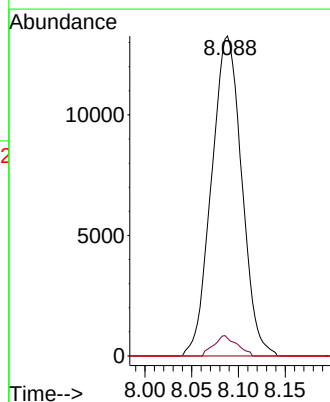
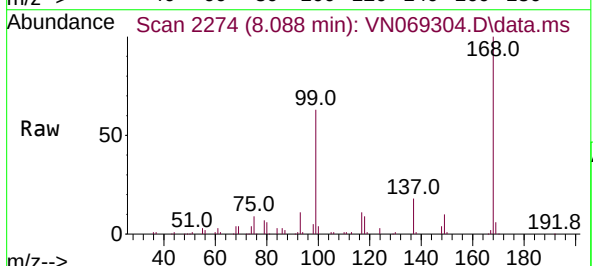


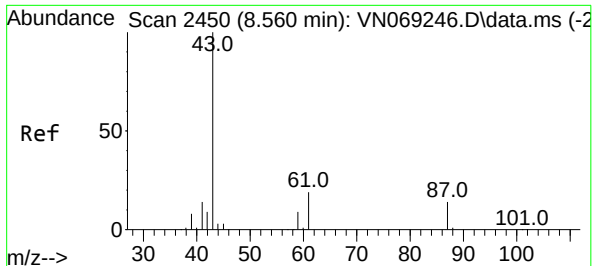
Tgt Ion: 43 Resp: 4234
Ion Ratio Lower Upper
43 100
61 0.0 11.2 16.8#
70 0.0 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 6.756 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Tgt Ion: 117 Resp: 29860
Ion Ratio Lower Upper
117 100
119 5.5 76.9 115.3#
121 0.0 24.6 37.0#

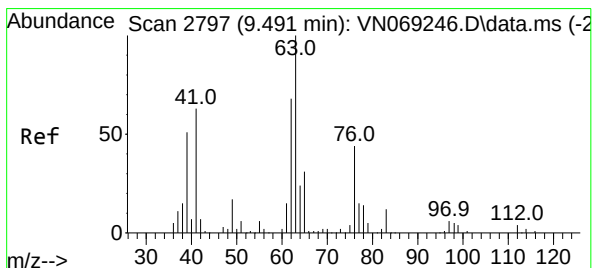
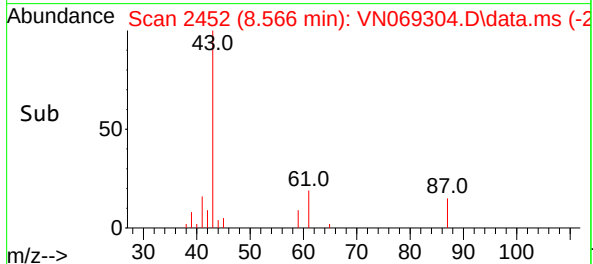
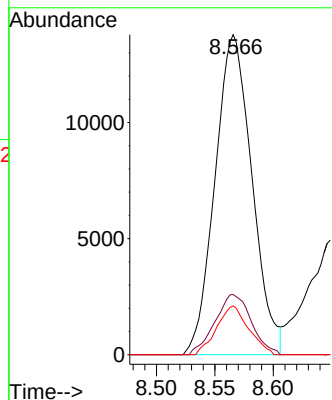
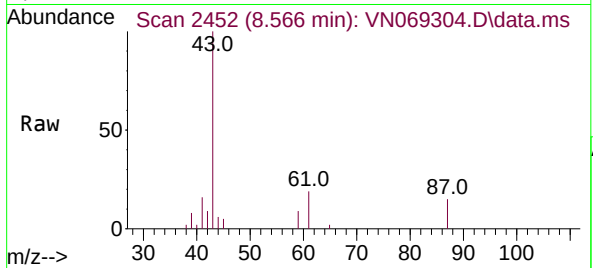




#43
Isopropyl Acetate
Concen: 3.834 ug/l
RT: 8.566 min Scan# 2450
Delta R.T. 0.006 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

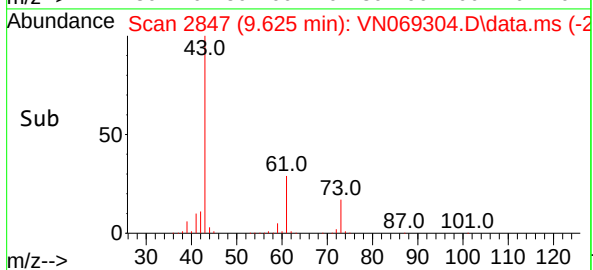
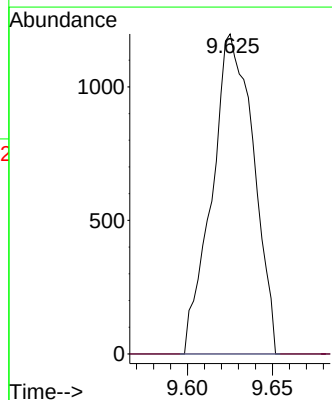
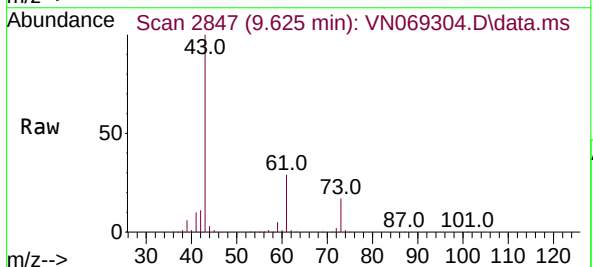
Instrument :
MSVOA_N
ClientSampleId :

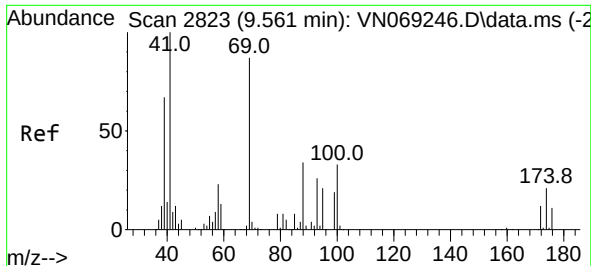
Tgt Ion: 43 Resp: 30307
Ion Ratio Lower Upper
43 100
61 18.5 20.4 30.6#
87 13.2 10.7 16.1



#45
1,2-Dichloropropane
Concen: 0.595 ug/l
RT: 9.625 min Scan# 2847
Delta R.T. 0.134 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Tgt Ion: 63 Resp: 2041
Ion Ratio Lower Upper
63 100
65 0.0 25.6 38.4#

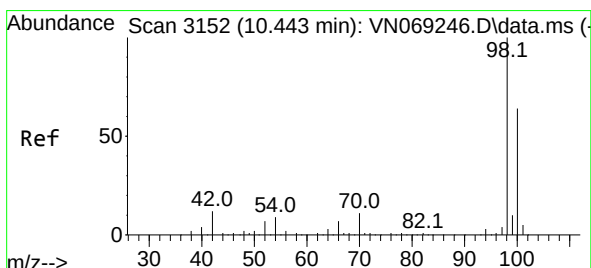
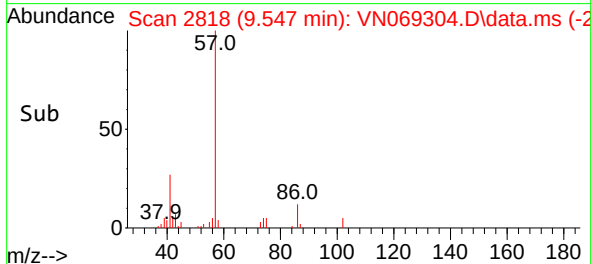
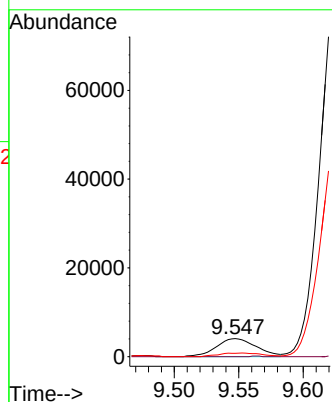
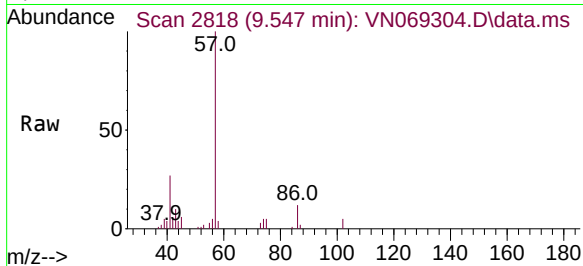




#48
Methyl methacrylate
Concen: 2.283 ug/l
RT: 9.547 min Scan# 218
Delta R.T. -0.014 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

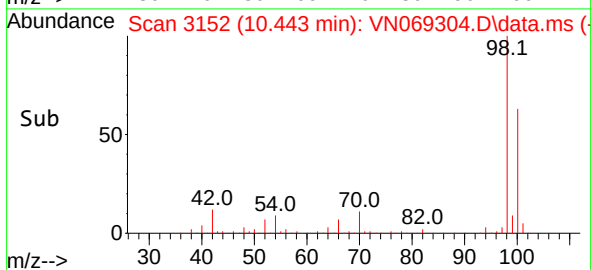
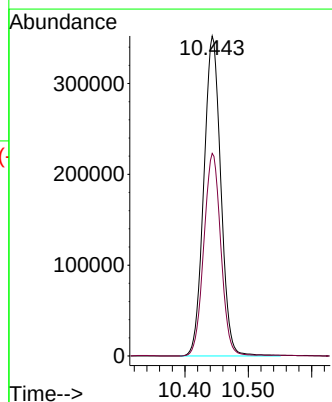
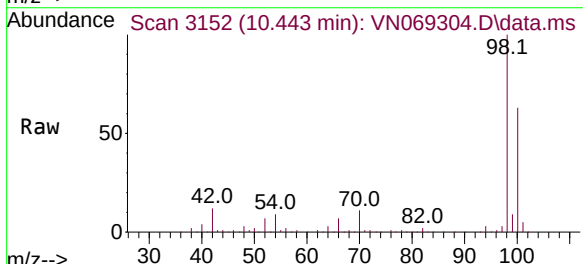
Instrument :
MSVOA_N
ClientSampleId :

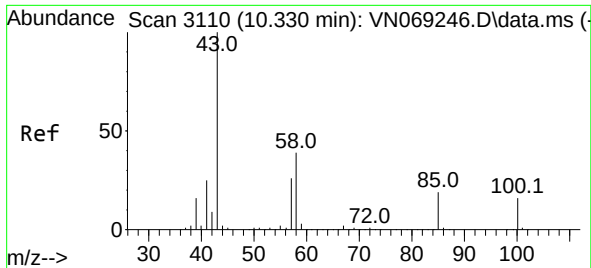
Tgt Ion: 41 Resp: 8789
Ion Ratio Lower Upper
41 100
69 0.9 66.4 99.6#
39 0.0 50.2 75.2#



#50
Toluene-d8
Concen: 50.652 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Tgt Ion: 98 Resp: 655613
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3

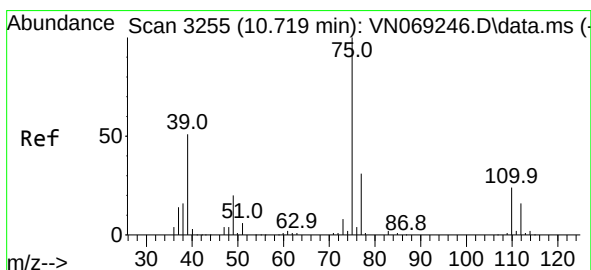
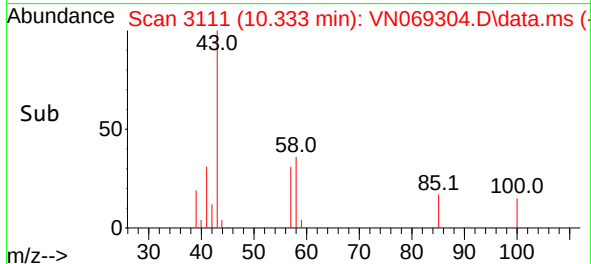
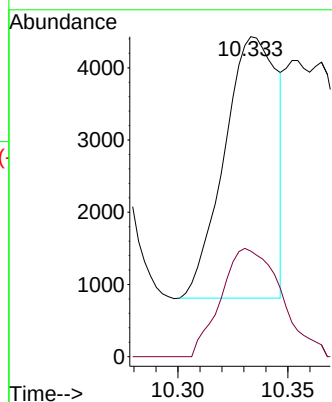
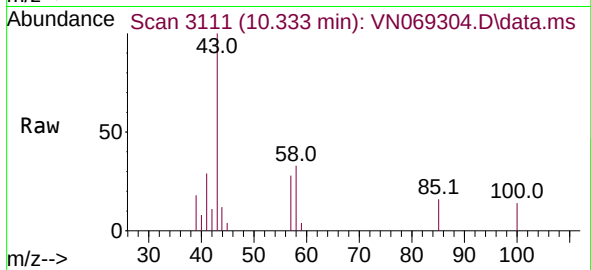




#51
4-Methyl-2-Pentanone
Concen: 7.418 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

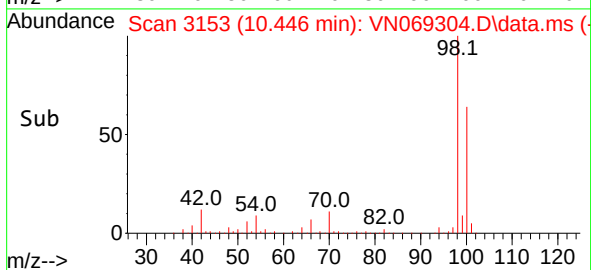
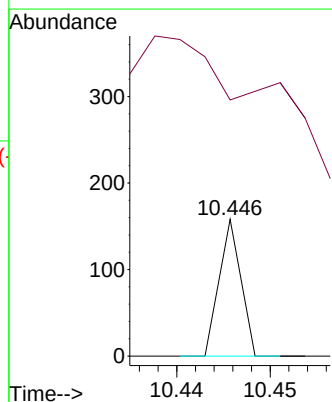
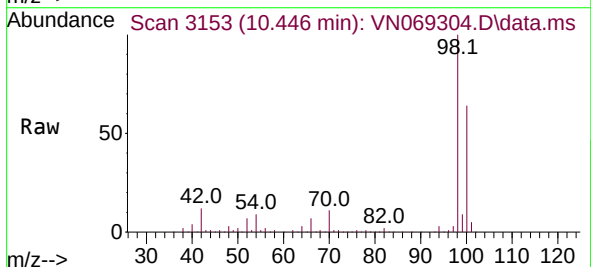
Instrument :
MSVOA_N
ClientSampleId :

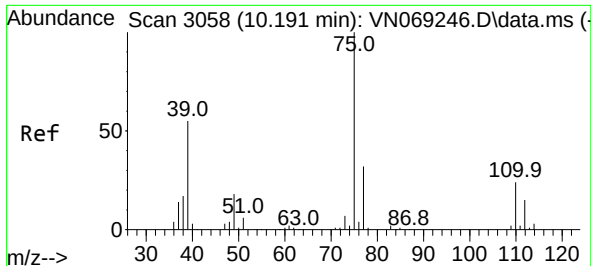
Tgt Ion: 43 Resp: 6036
Ion Ratio Lower Upper
43 100
58 47.5 31.0 46.4#



#53
t-1,3-Dichloropropene
Concen: 1.943 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. -0.273 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

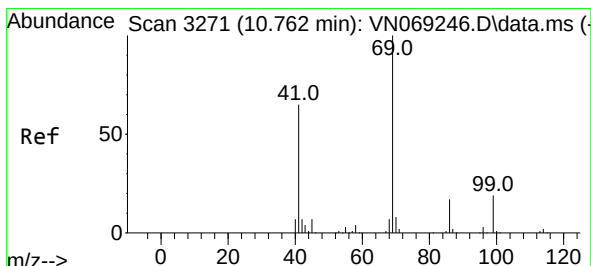
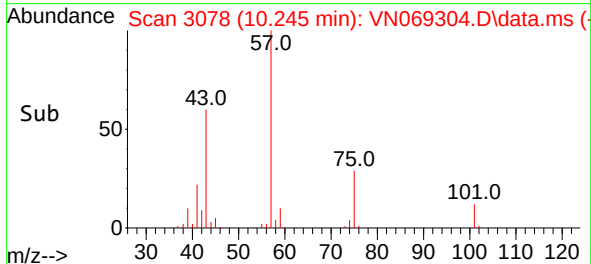
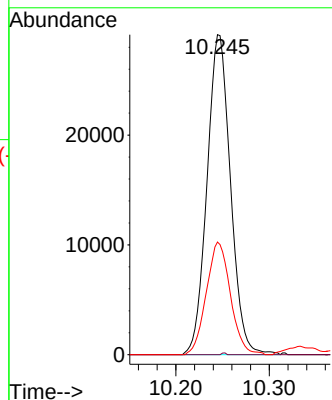
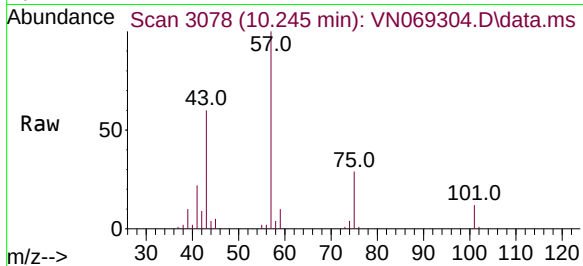




#54
 cis-1,3-Dichloropropene
 Concen: 9.557 ug/l
 RT: 10.245 min Scan# 3058
 Delta R.T. 0.054 min
 Lab File: VN069304.D
 Acq: 29 Oct 2021 16:30

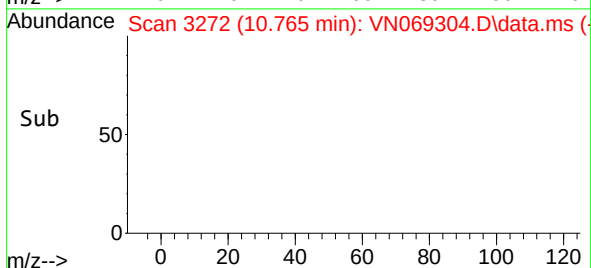
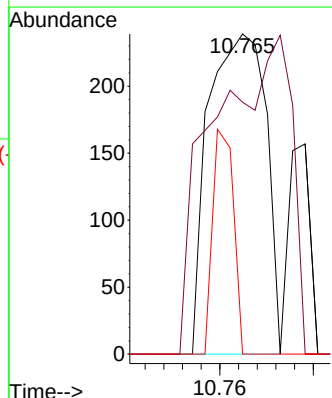
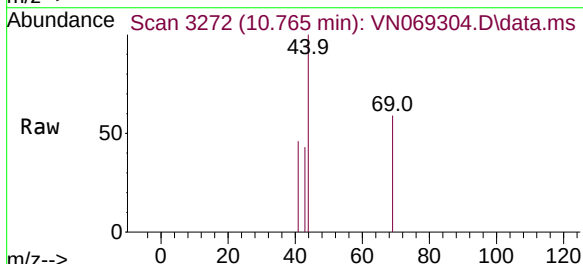
Instrument :
 MSVOA_N
 ClientSampleId :

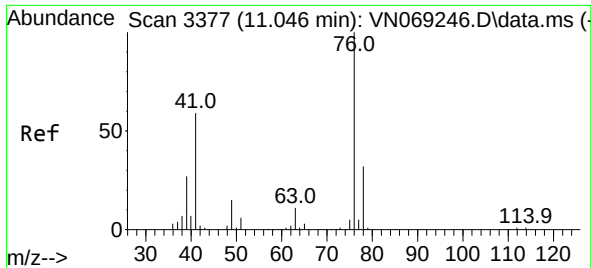
Tgt Ion: 75 Resp: 50871
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.6 38.4#
 39 35.2 42.9 64.3#



#56
 Ethyl methacrylate
 Concen: 1.714 ug/l
 RT: 10.765 min Scan# 3272
 Delta R.T. 0.003 min
 Lab File: VN069304.D
 Acq: 29 Oct 2021 16:30

Tgt Ion: 69 Resp: 204
 Ion Ratio Lower Upper
 69 100
 41 0.0 53.3 79.9#
 39 0.0 33.3 49.9#

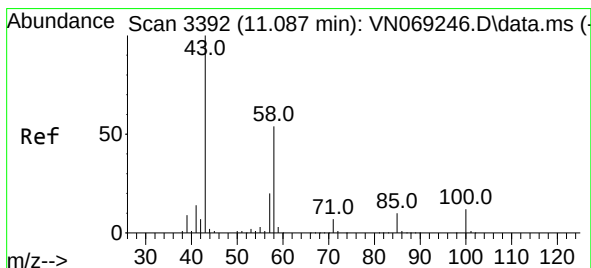
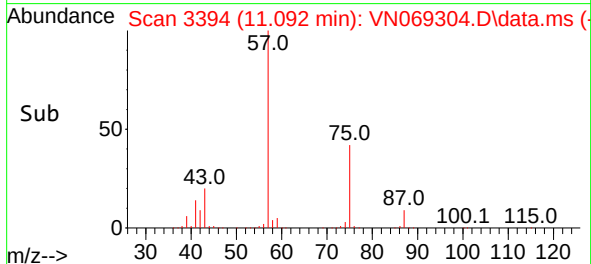
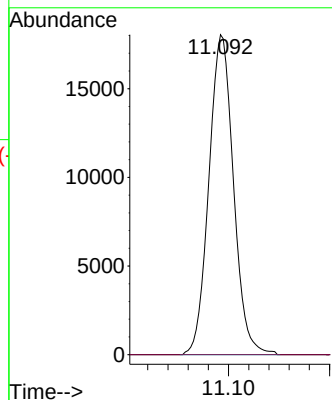
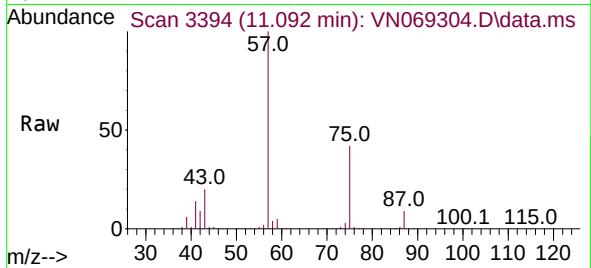




#57
1,3-Dichloropropane
Concen: 5.164 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.046 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

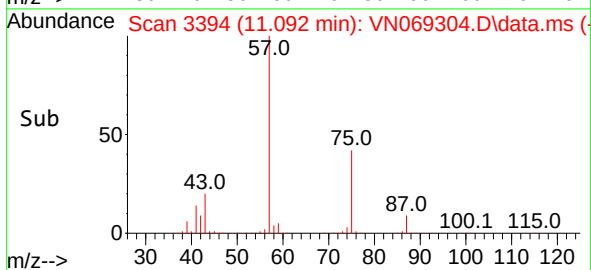
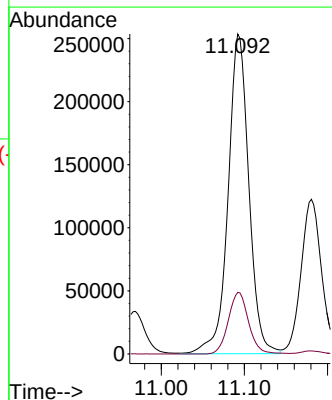
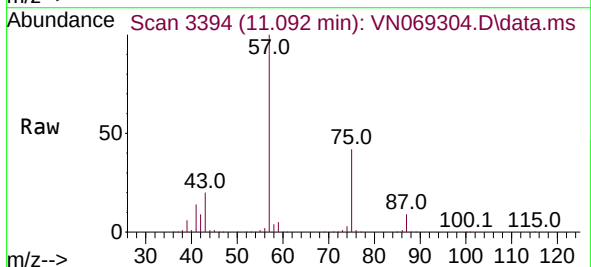
Instrument :
MSVOA_N
ClientSampleId :

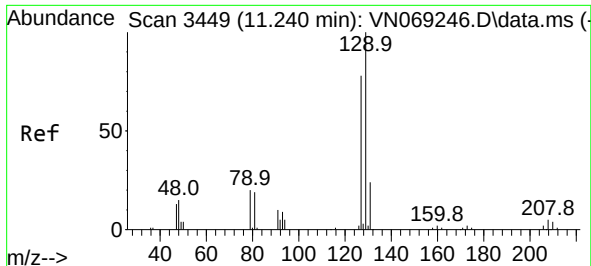
Tgt Ion: 76 Resp: 30523
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.8#



#59
2-Hexanone
Concen: 104.064 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Tgt Ion: 43 Resp: 439487
Ion Ratio Lower Upper
43 100
58 18.8 26.9 80.7#

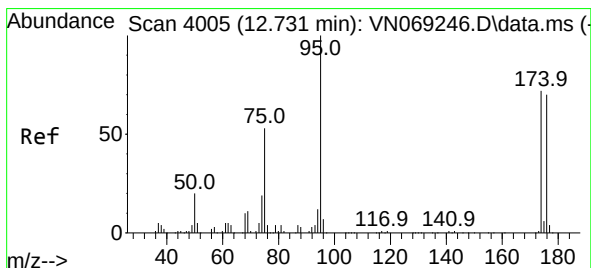
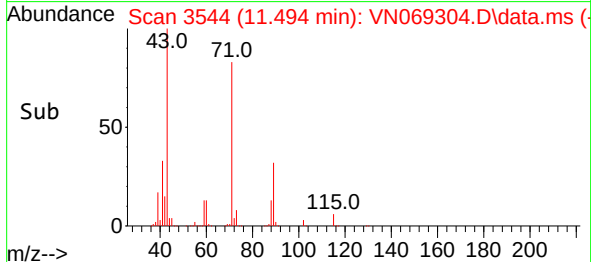
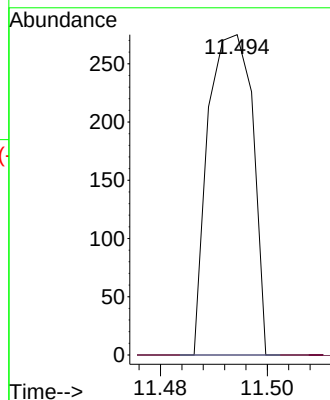
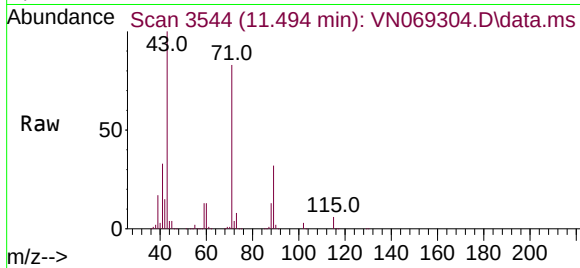




#60
Dibromochloromethane
Concen: 2.013 ug/l
RT: 11.494 min Scan# 31
Delta R.T. 0.254 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

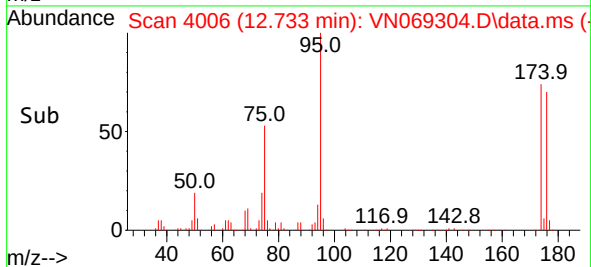
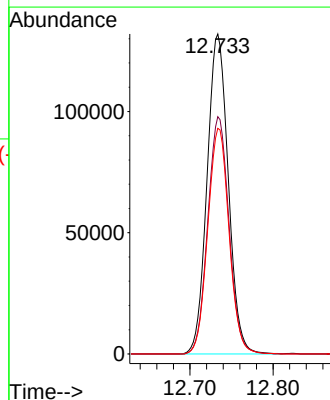
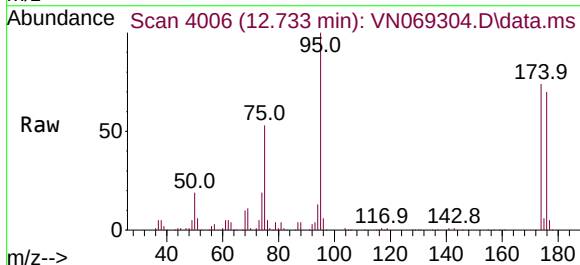
Instrument :
MSVOA_N
ClientSampleId :

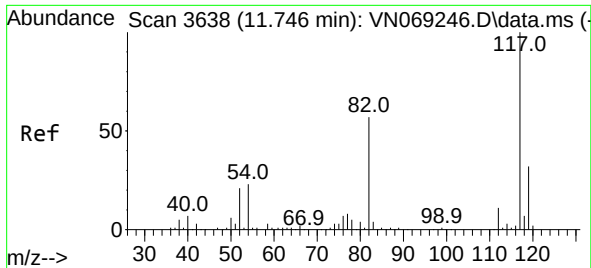
Tgt Ion:129 Resp: 158
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#



#62
4-Bromofluorobenzene
Concen: 47.807 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Tgt Ion: 95 Resp: 233500
Ion Ratio Lower Upper
95 100
174 74.5 0.0 144.8
176 70.8 0.0 140.0

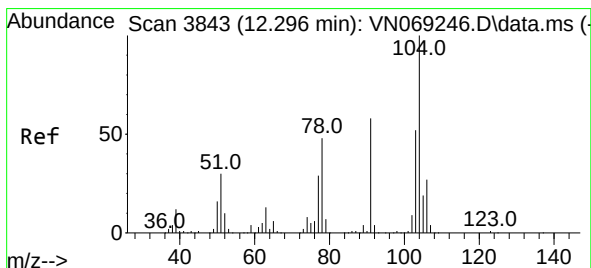
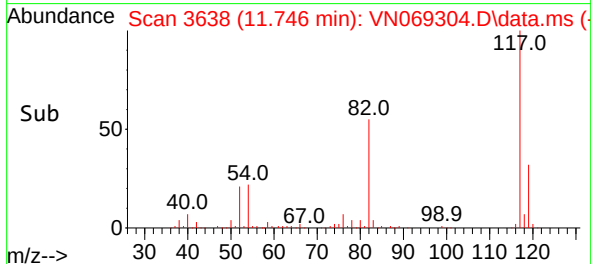
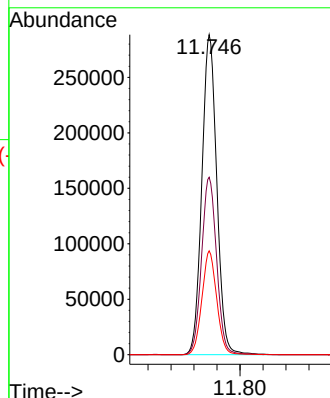
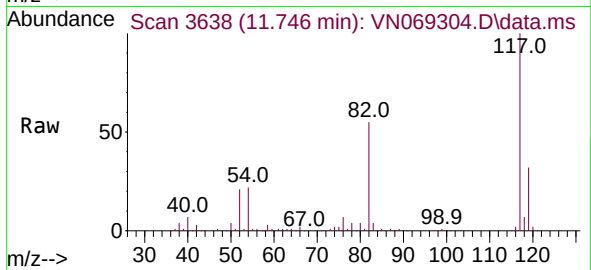




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

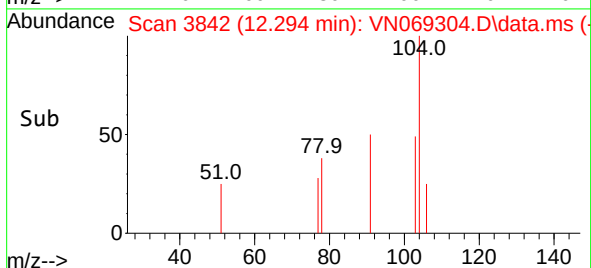
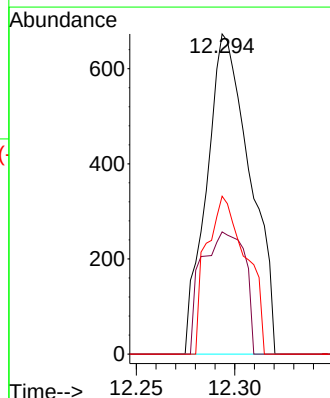
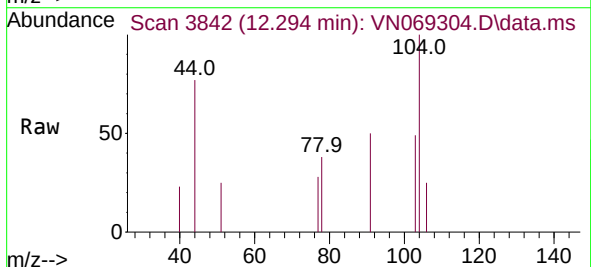
Instrument :
MSVOA_N
ClientSampleId :

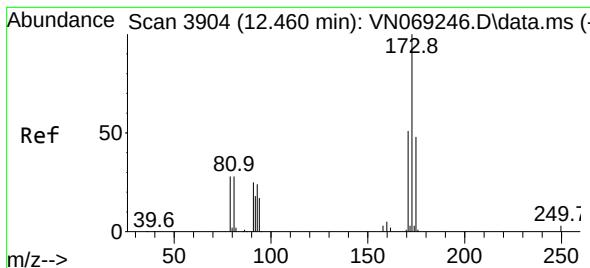
Tgt Ion:117 Resp: 519445
Ion Ratio Lower Upper
117 100
82 55.5 46.4 69.6
119 32.5 26.0 39.0



#70
Styrene
Concen: 1.535 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.002 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Tgt Ion:104 Resp: 1035
Ion Ratio Lower Upper
104 100
78 37.7 42.2 63.4#
103 44.9 44.4 66.6





#71

Bromoform

Concen: 2.895 ug/l

RT: 12.715 min Scan# 3904

Delta R.T. 0.255 min MSVOA_N

Lab File: VN069304.D

Acq: 29 Oct 2021 16:30

Instrument :

MSVOA_N

ClientSampleId :

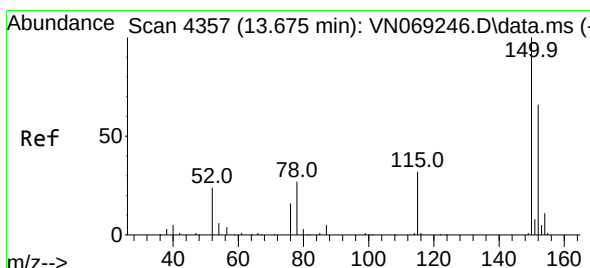
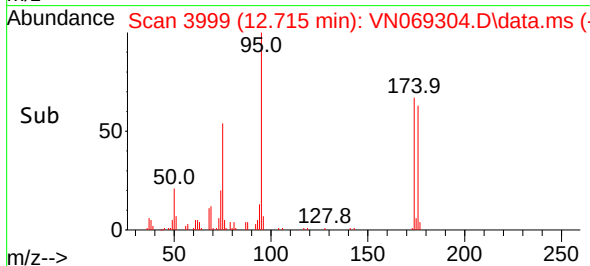
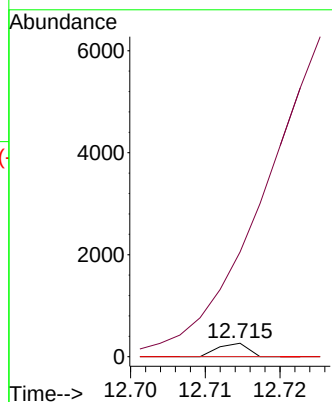
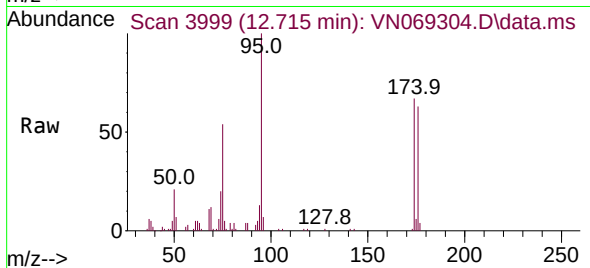
Tgt Ion:173 Resp: 74

Ion Ratio Lower Upper

173 100

175 16955.4 23.8 71.5#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. -0.000 min

Lab File: VN069304.D

Acq: 29 Oct 2021 16:30

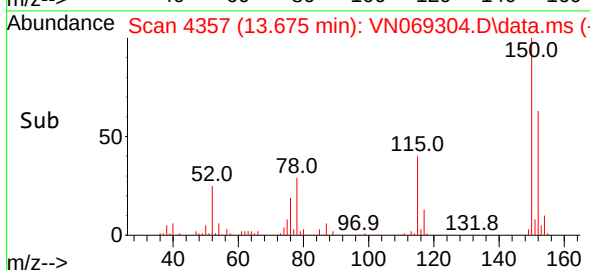
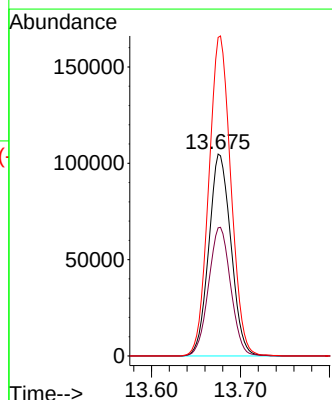
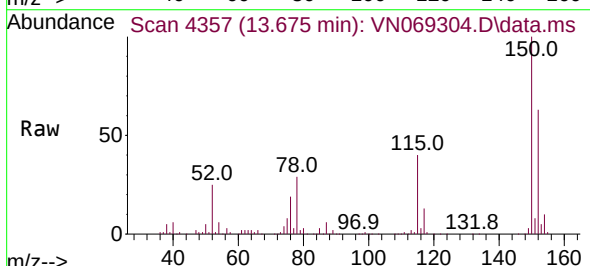
Tgt Ion:152 Resp: 181003

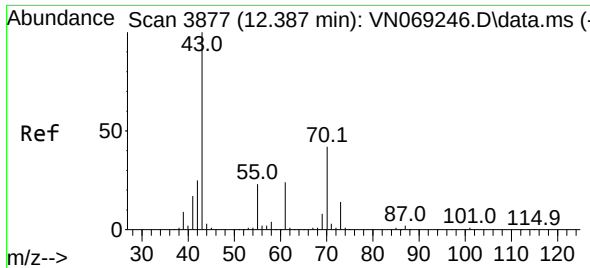
Ion Ratio Lower Upper

152 100

115 63.6 31.4 94.3

150 158.1 0.0 351.0

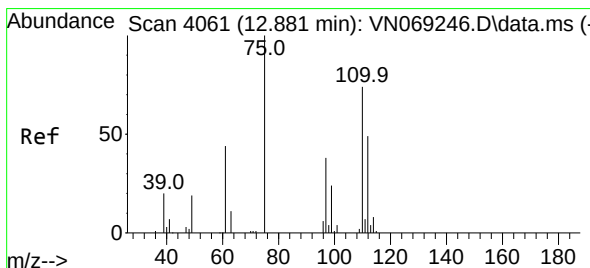
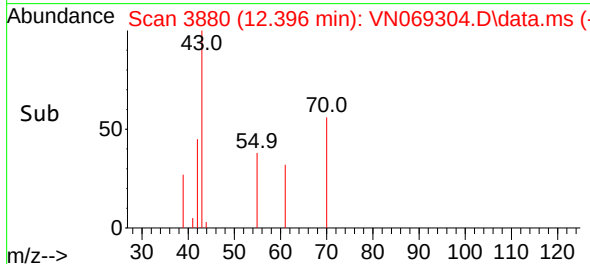
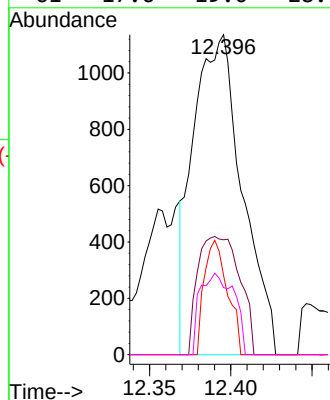
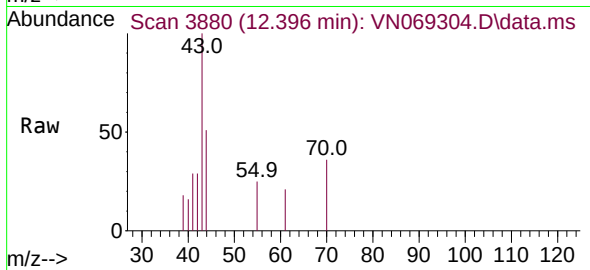




#74
N-amy1 acetate
Concen: 0.396 ug/l
RT: 12.396 min Scan# 3877
Delta R.T. 0.008 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

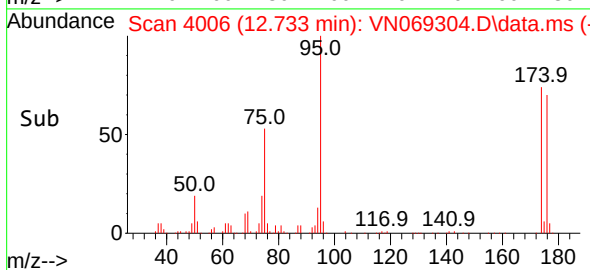
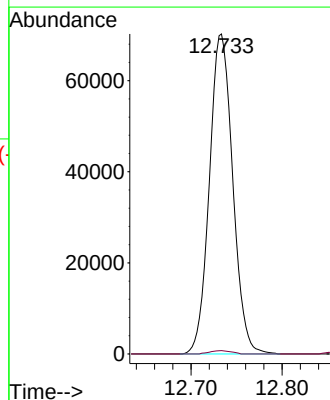
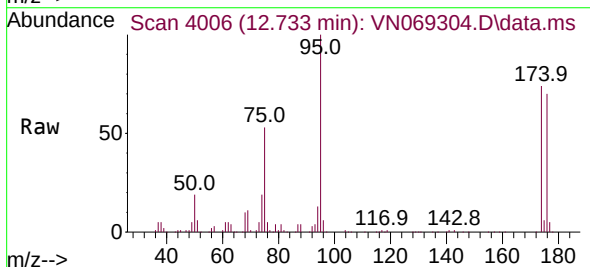
Instrument :
MSVOA_N
ClientSampleId :

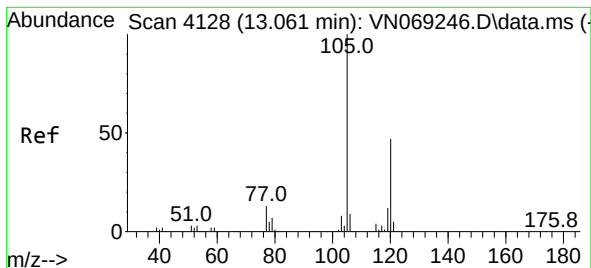
Tgt Ion: 43	Resp: 2375
Ion Ratio	Lower Upper
43	100
70	31.7 32.2 48.2#
55	17.0 18.0 27.0#
61	17.6 19.0 28.4#



#76
1,2,3-Trichloropropane
Concen: 26.238 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Tgt Ion: 75	Resp: 124908
Ion Ratio	Lower Upper
75	100
77	0.9 96.2 288.4#





#80

1,3,5-Trimethylbenzene

Concen: 0.208 ug/l

RT: 13.061 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN069304.D

Acq: 29 Oct 2021 16:30

Instrument :

MSVOA_N

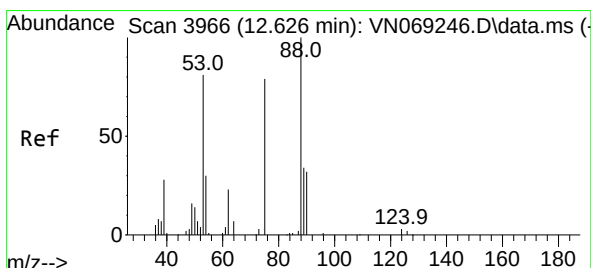
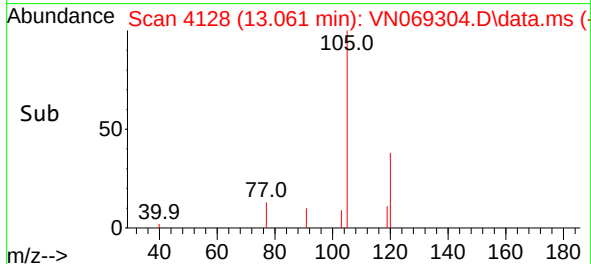
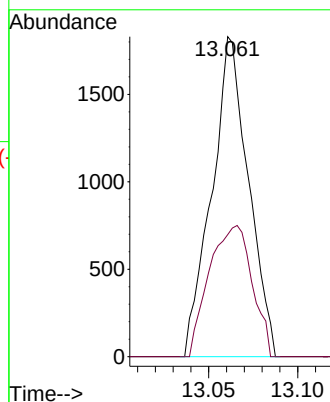
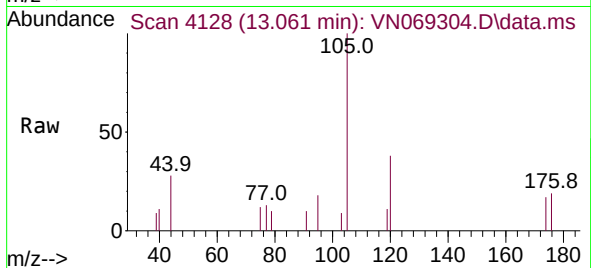
ClientSampleId :

Tgt Ion:105 Resp: 2625

Ion Ratio Lower Upper

105 100

120 47.9 23.4 70.2



#81

trans-1,4-Dichloro-2-butene

Concen: 74.941 ug/l

RT: 12.733 min Scan# 4006

Delta R.T. 0.107 min

Lab File: VN069304.D

Acq: 29 Oct 2021 16:30

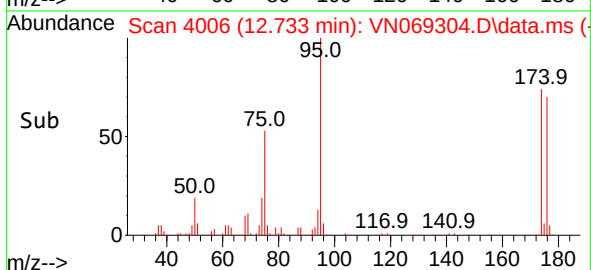
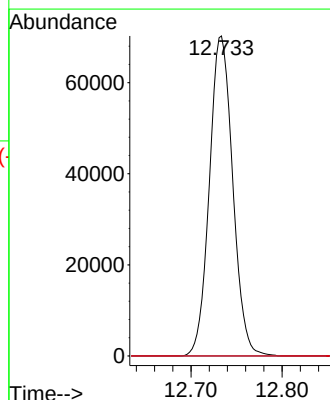
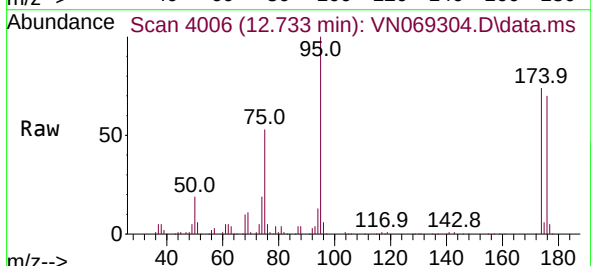
Tgt Ion: 75 Resp: 124908

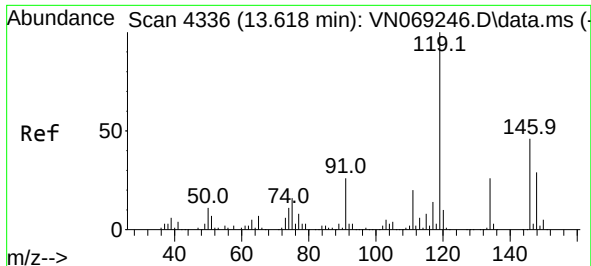
Ion Ratio Lower Upper

75 100

53 0.0 75.4 113.2#

89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.204 ug/l

RT: 13.616 min Scan# 41

Delta R.T. -0.002 min

Lab File: VN069304.D

Acq: 29 Oct 2021 16:30

Instrument :

MSVOA_N

ClientSampleId :

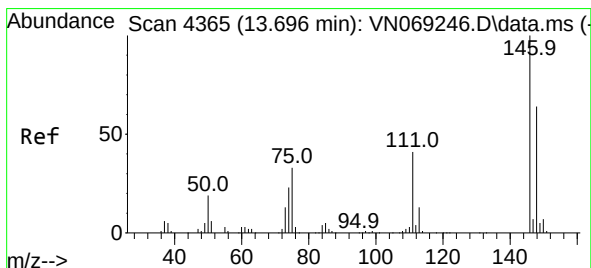
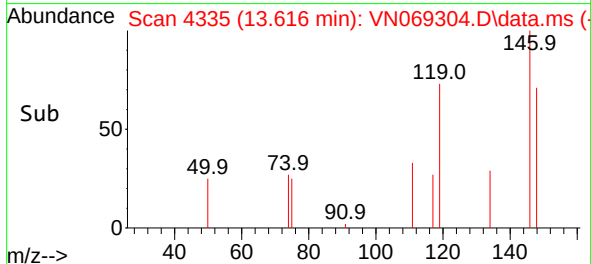
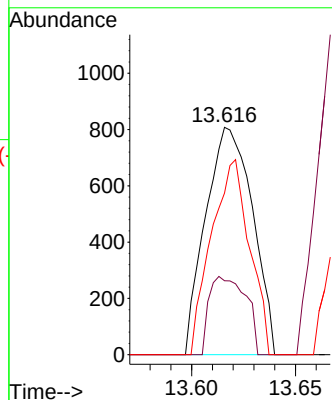
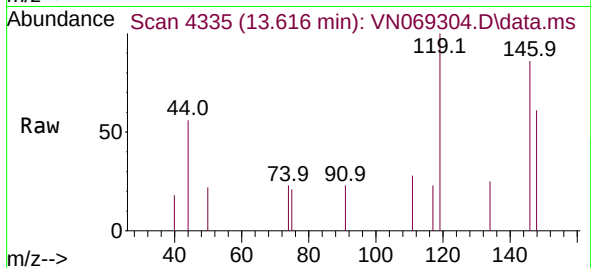
Tgt Ion:146 Resp: 1271

Ion Ratio Lower Upper

146 100

111 26.8 21.4 64.2

148 69.8 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 0.283 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. -0.080 min

Lab File: VN069304.D

Acq: 29 Oct 2021 16:30

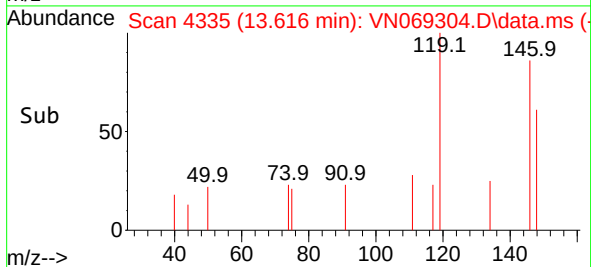
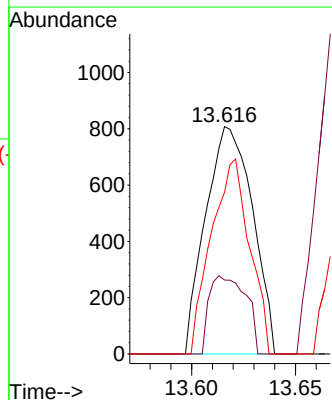
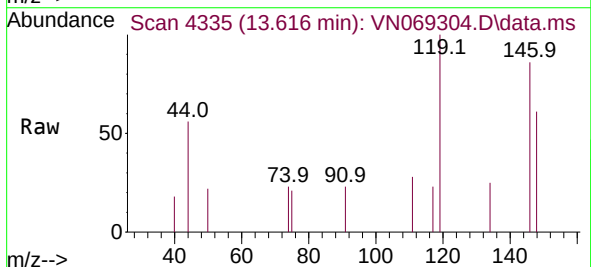
Tgt Ion:146 Resp: 1271

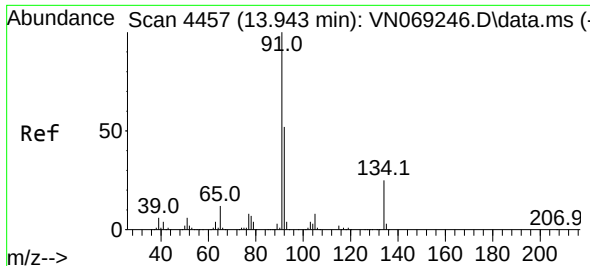
Ion Ratio Lower Upper

146 100

111 26.8 20.6 61.8

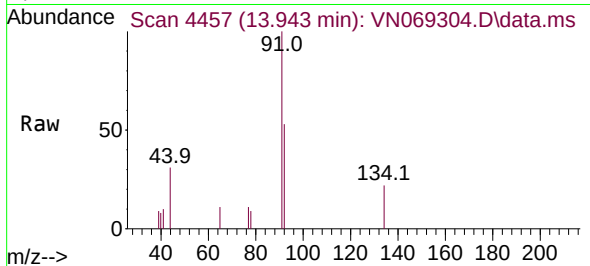
148 69.8 32.1 96.5



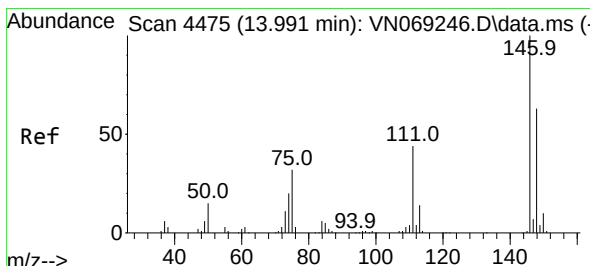
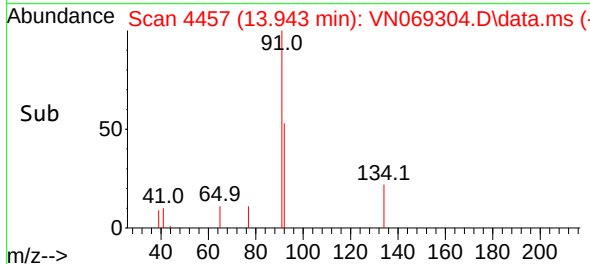
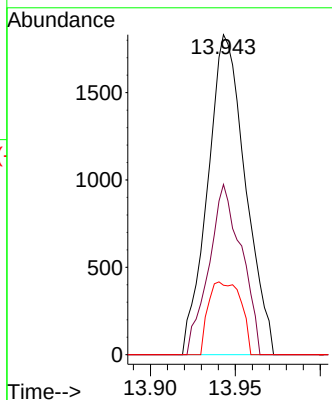


#89
n-Butylbenzene
Concen: 0.274 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Instrument :
MSVOA_N
ClientSampleId :

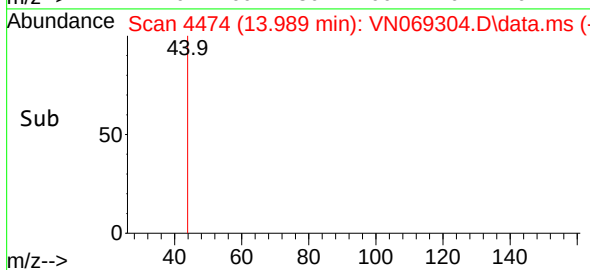
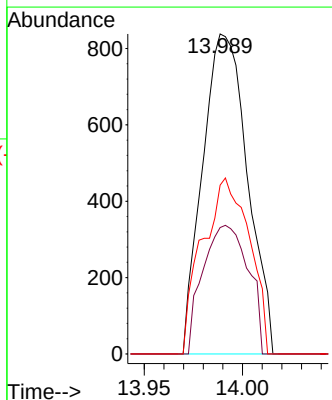
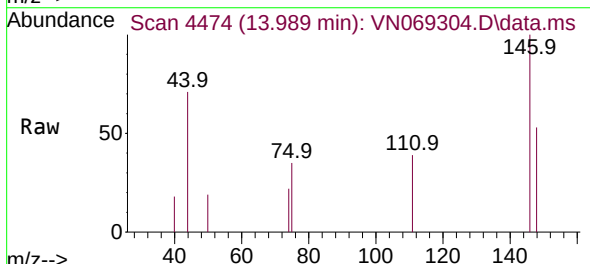


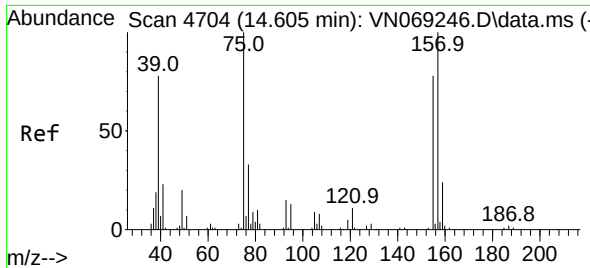
Tgt Ion: 91	Resp:	2825
Ion	Ratio	Lower Upper
91	100	
92	46.1	26.0 78.0
134	19.5	12.5 37.5



#91
1,2-Dichlorobenzene
Concen: 0.219 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

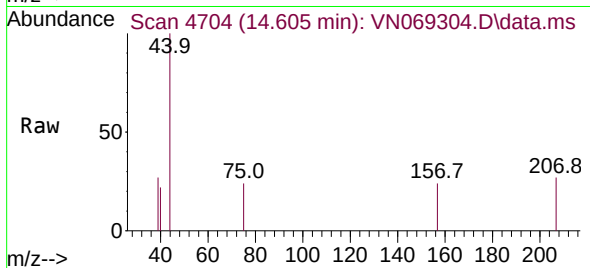
Tgt Ion: 146	Resp:	1330
Ion	Ratio	Lower Upper
146	100	
111	40.5	22.0 66.0
148	57.6	32.1 96.5



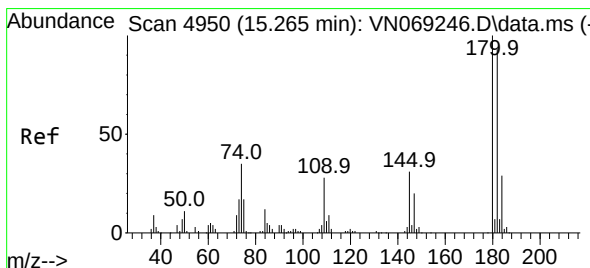
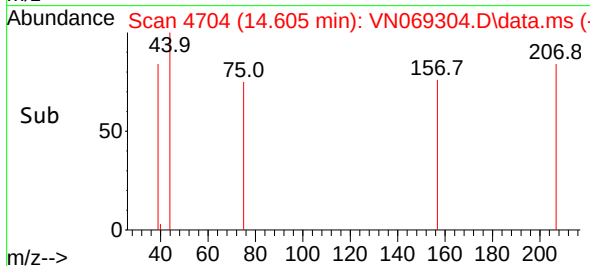
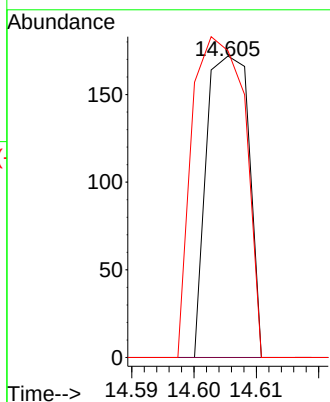


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.736 ug/l
 RT: 14.605 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN069304.D
 Acq: 29 Oct 2021 16:30

Instrument :
 MSVOA_N
 ClientSampleId :

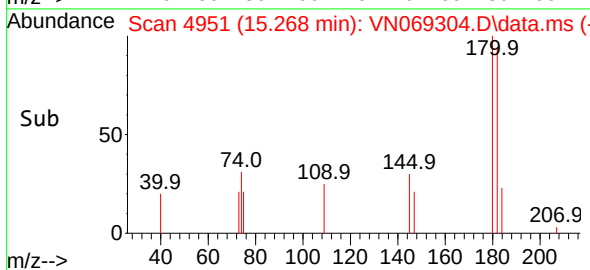
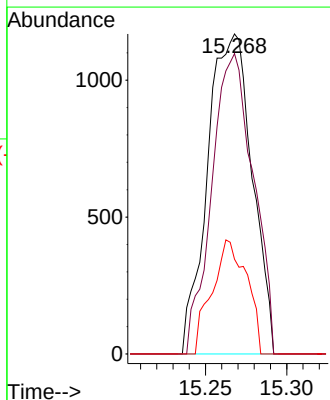
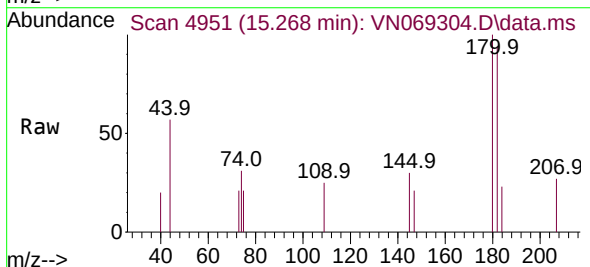


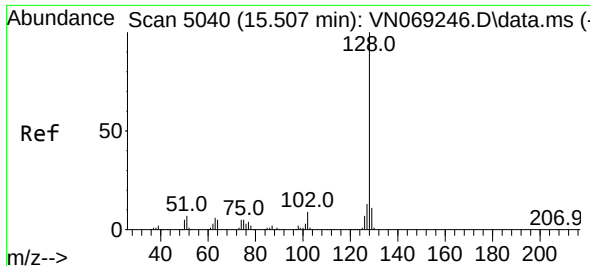
Tgt Ion: 75 Resp: 81
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.8 116.4#
 157 132.1 50.2 150.6



#93
 1,2,4-Trichlorobenzene
 Concen: 3.208 ug/l
 RT: 15.268 min Scan# 4951
 Delta R.T. 0.003 min
 Lab File: VN069304.D
 Acq: 29 Oct 2021 16:30

Tgt Ion: 180 Resp: 2229
 Ion Ratio Lower Upper
 180 100
 182 87.5 47.9 143.7
 145 27.9 16.4 49.2

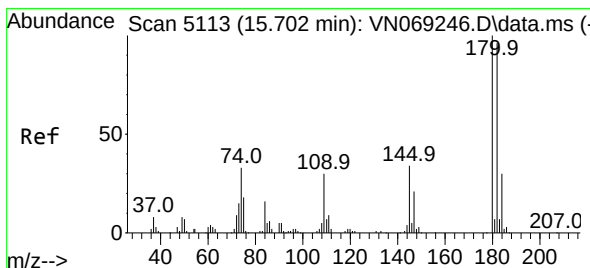
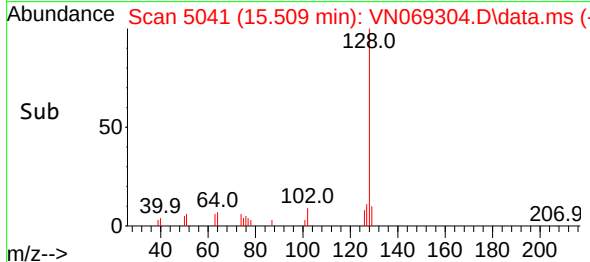
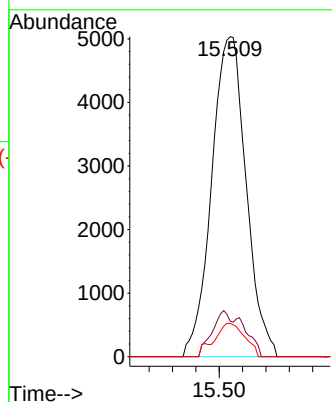
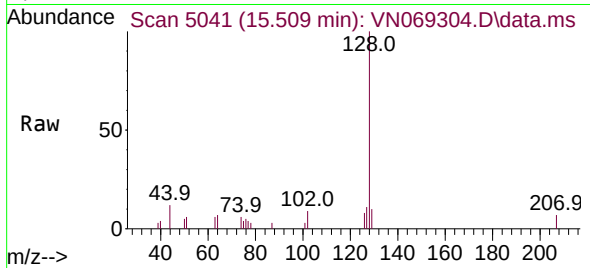




#95
Naphthalene
Concen: 4.372 ug/l
RT: 15.509 min Scan# 5040
Delta R.T. 0.002 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
127	8.2	10.5	15.7#
129	9.2	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 3.045 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069304.D
Acq: 29 Oct 2021 16:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.5	48.1	144.3
145	27.5	17.4	52.2

