

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062623\
 Data File : VD076586.D
 Acq On : 26 Jun 2023 17:58
 Operator : KP/SY
 Sample : 03289-12RE
 Misc : 5.10G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0RE

Quant Time: Jun 27 04:29:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.863	168	126	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.787	114	174	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.587	117	478	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	126	99.809	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 199.620%#	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 0.000%#	
50) Toluene-d8	10.263	98	383	97.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 195.400%#	
62) 4-Bromofluorobenzene	12.581	95	415	326.189	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 652.380%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.993	85	54	56.401	ug/l #	43
3) Chloromethane	2.146	50	186	93.410	ug/l #	41
4) Vinyl Chloride	2.311	62	59	26.562	ug/l #	42
5) Bromomethane	2.693	94	163	112.861	ug/l #	43
6) Chloroethane	2.828	64	170	111.665	ug/l #	43
7) Trichlorofluoromethane	2.975	101	54	29.541	ug/l #	17
8) Diethyl Ether	3.687	74	57	82.856	ug/l #	50
11) Tert butyl alcohol	5.034	59	54	495.427	ug/l #	73
12) 1,1-Dichloroethene	4.022	96	72	62.448	ug/l #	1
13) Acrolein	3.805	56	54	459.961	ug/l #	15
14) Allyl chloride	4.534	41	58	27.508	ug/l #	38
15) Acrylonitrile	5.099	53	62	175.264	ug/l #	18
16) Acetone	4.005	43	237	788.933	ug/l #	32
18) Methyl Acetate	4.487	43	74	53.452	ug/l #	42
19) Methyl tert-butyl Ether	5.164	73	60	19.025	ug/l #	55
20) Methylene Chloride	4.799	84	6684	4690.431	ug/l #	88
22) Diisopropyl ether	6.152	45	113	24.785	ug/l #	37
23) Vinyl Acetate	6.322	43	333	147.351	ug/l #	63
25) 2-Butanone	7.052	43	361	776.952	ug/l #	37
26) 2,2-Dichloropropane	7.075	77	469	213.665	ug/l #	49
29) Tetrahydrofuran	7.428	42	196	656.399	ug/l #	61
31) Cyclohexane	7.869	56	54	26.980	ug/l #	8
36) 1,1-Dichloropropene	8.022	75	70	48.358	ug/l #	39
37) Ethyl Acetate	7.187	43	166	197.902	ug/l #	62
39) Methylcyclohexane	9.069	83	62	36.498	ug/l #	24
40) Benzene	8.240	78	68	15.404	ug/l #	51
41) Methacrylonitrile	7.434	41	60	126.675	ug/l #	17
43) Isopropyl Acetate	8.393	43	66	41.562	ug/l #	43
45) 1,2-Dichloropropane	9.493	63	100	83.552	ug/l #	44
47) Bromodichloromethane	9.728	83	60	39.105	ug/l #	25
48) Methyl methacrylate	9.405	41	57	78.313	ug/l #	1
51) 4-Methyl-2-Pentanone	10.163	43	280	344.933	ug/l #	28
52) Toluene	10.581	92	73	26.353	ug/l #	1
53) t-1,3-Dichloropropene	10.763	75	58	37.253	ug/l #	43
54) cis-1,3-Dichloropropene	10.134	75	133	72.052	ug/l #	45
56) Ethyl methacrylate	10.552	69	56	47.821	ug/l #	36

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 SB-05-0-2.0RE

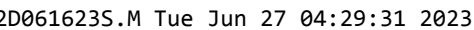
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

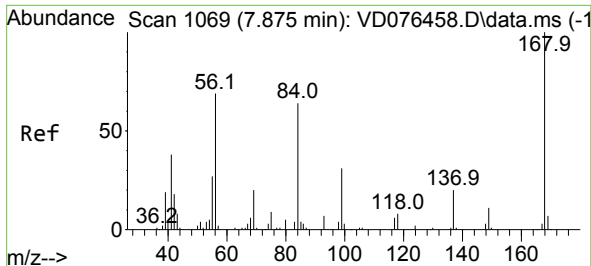
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) 2-Hexanone	11.046	43	146	258.564	ug/l	73
65) Chlorobenzene	11.622	112	62	6.827	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.504	131	59	18.167	ug/l #	7
67) Ethyl Benzene	11.693	91	238	14.791	ug/l #	42
68) m/p-Xylenes	11.793	106	136	21.652	ug/l #	15
73) Isopropylbenzene	12.428	105	59	1.792	ug/l #	46
74) N-amyl acetate	12.240	43	55	5.706	ug/l #	35
76) 1,2,3-Trichloropropane	12.575	75	138	28.435	ug/l #	100
77) Bromobenzene	12.722	156	70	8.618	ug/l #	1
78) n-propylbenzene	12.763	91	315	7.749	ug/l #	50
79) 2-Chlorotoluene	12.840	91	63	2.822	ug/l #	36
80) 1,3,5-Trimethylbenzene	12.916	105	59	2.194	ug/l #	25
81) trans-1,4-Dichloro-2-b...	12.457	75	55	24.833	ug/l #	17
82) 4-Chlorotoluene	12.951	91	59	2.545	ug/l #	36
83) tert-Butylbenzene	12.898	119	65	2.721	ug/l #	30
84) 1,2,4-Trimethylbenzene	13.198	105	66	2.436	ug/l #	15
85) sec-Butylbenzene	13.340	105	148	4.175	ug/l #	54
86) p-Isopropyltoluene	13.463	119	61	2.059	ug/l #	2
89) n-Butylbenzene	13.781	91	59	2.042	ug/l #	33
92) 1,2-Dibromo-3-Chloropr...	14.369	75	74	72.366	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.087	180	140	15.067	ug/l #	11
95) Naphthalene	15.340	128	820	44.133	ug/l #	58

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

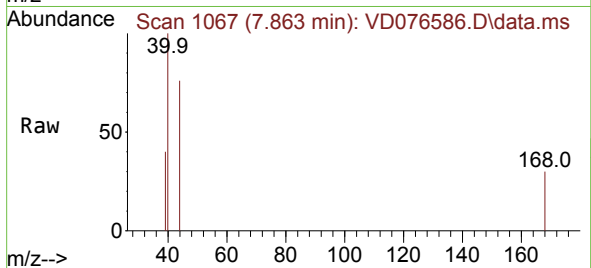
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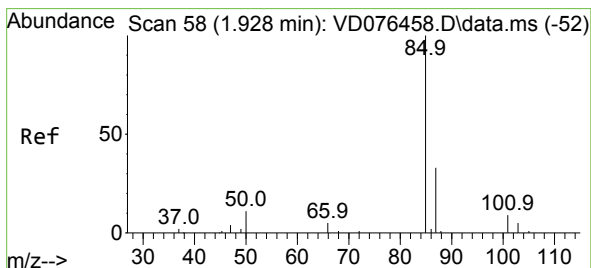
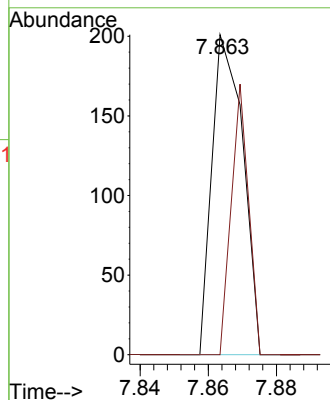
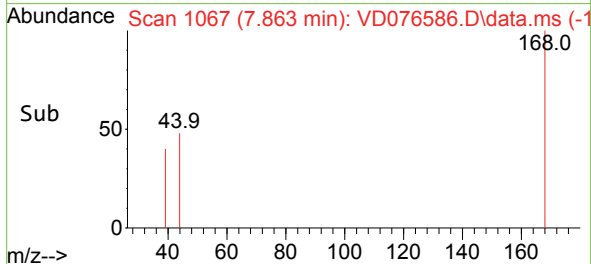


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.863 min Scan# 1069
Delta R.T. -0.012 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Instrument :
MSVOA_D
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SB-05-0-2.0RE

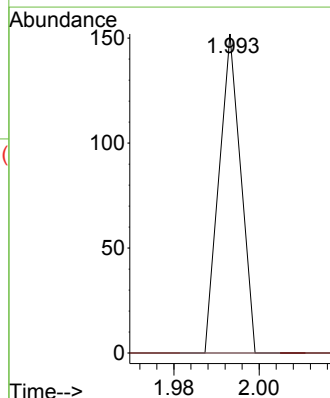
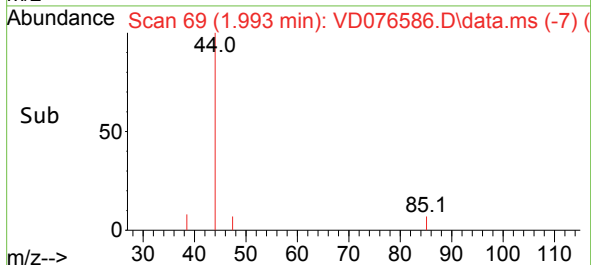
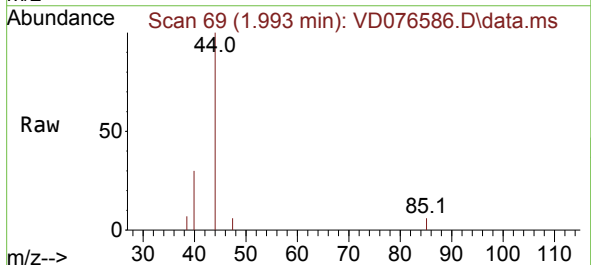


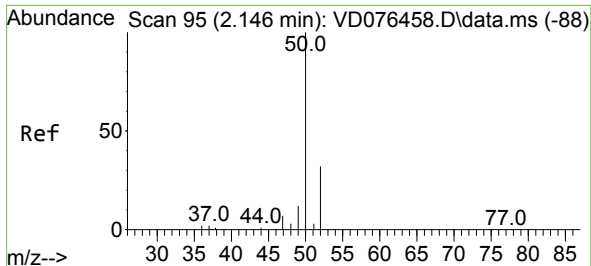
Tgt Ion:168 Resp: 126
Ion Ratio Lower Upper
168 100
99 0.0 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 56.401 ug/l
RT: 1.993 min Scan# 69
Delta R.T. 0.065 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 85 Resp: 54
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#

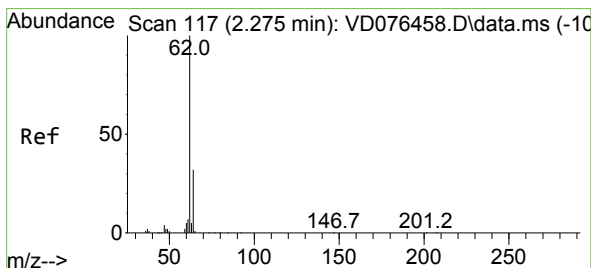
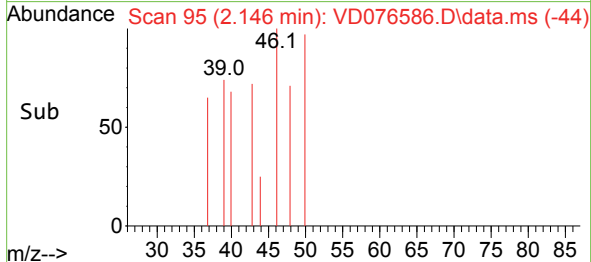
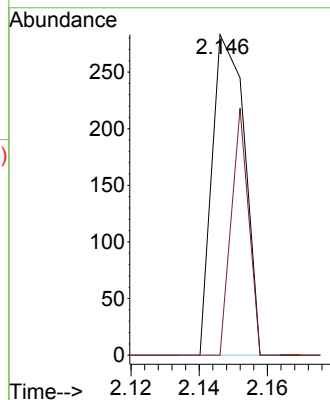
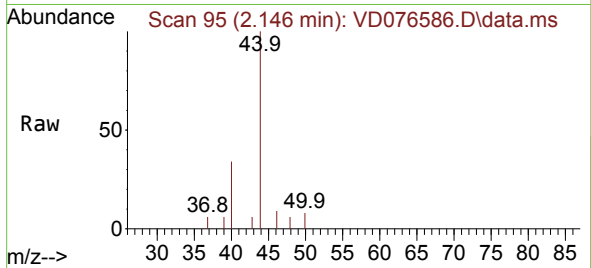




#3
Chloromethane
Concen: 93.410 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

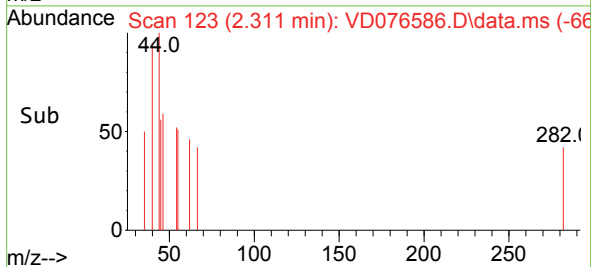
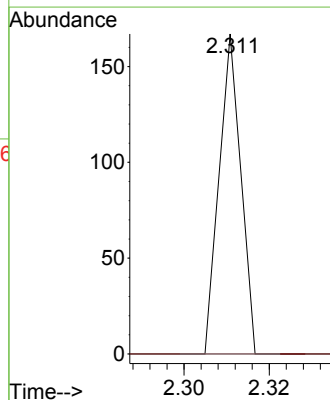
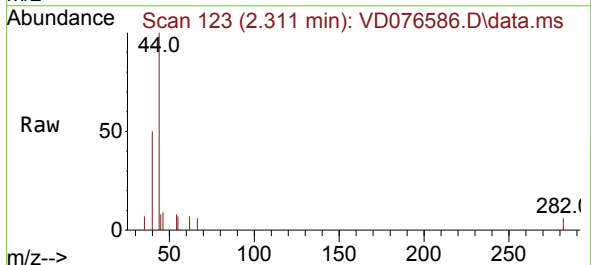
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ClientSampleId :
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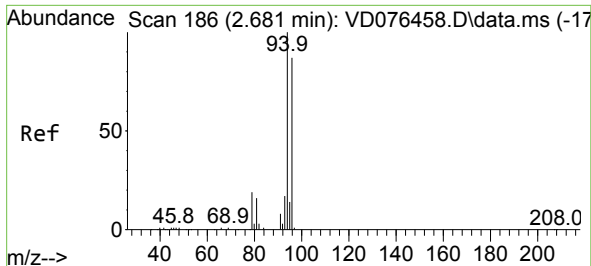
Tgt Ion: 50 Resp: 186
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



#4
Vinyl Chloride
Concen: 26.562 ug/l
RT: 2.311 min Scan# 123
Delta R.T. 0.035 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 62 Resp: 59
Ion Ratio Lower Upper
62 100
64 0.0 26.0 39.0#

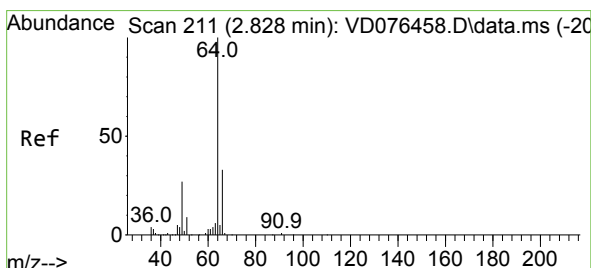
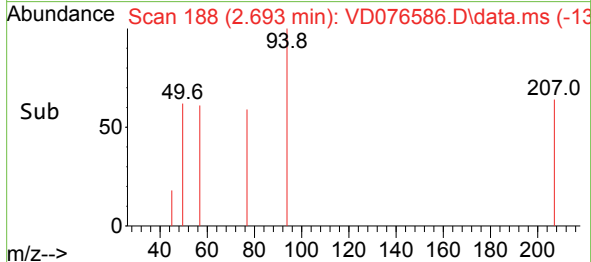
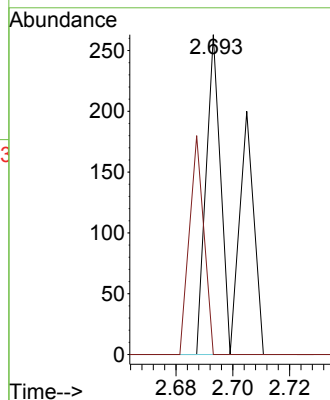
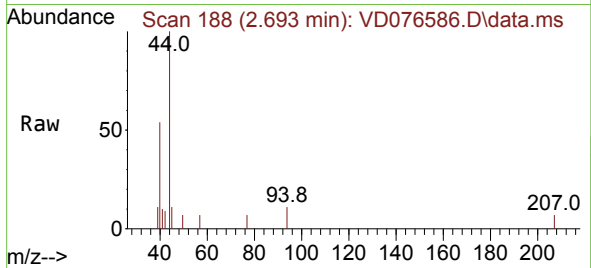




#5
Bromomethane
Concen: 112.861 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.012 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

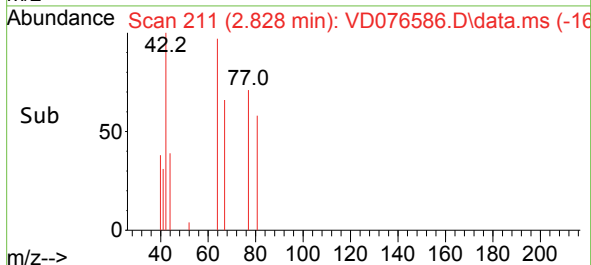
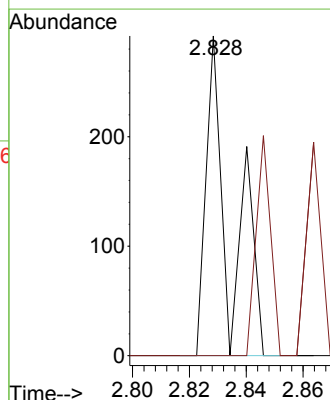
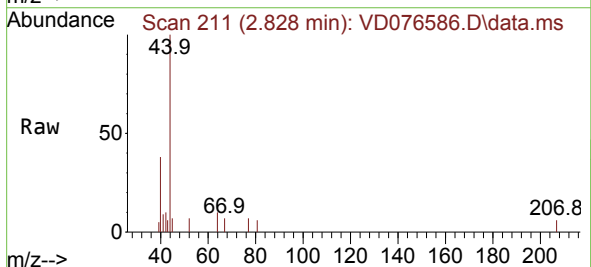
Instrument :
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ClientSampleId :
SB-05-0-2.0RE

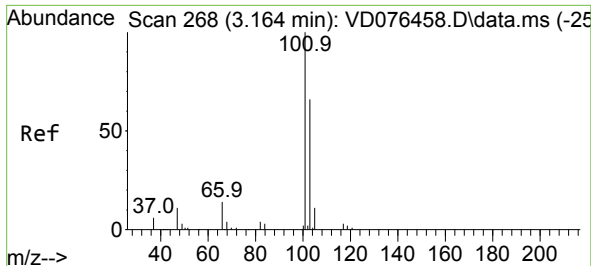
Tgt Ion: 94 Resp: 163
Ion Ratio Lower Upper
94 100
96 39.3 75.8 113.8#



#6
Chloroethane
Concen: 111.665 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 64 Resp: 170
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#

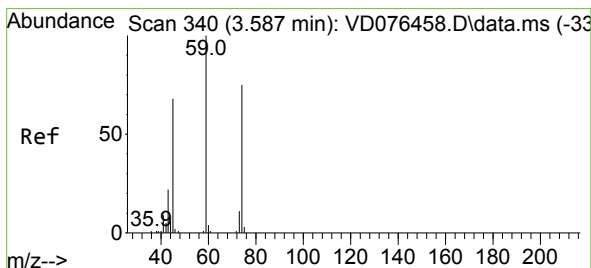
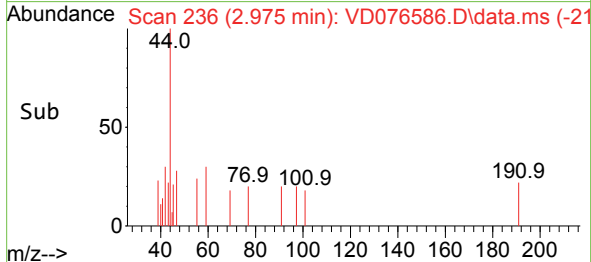
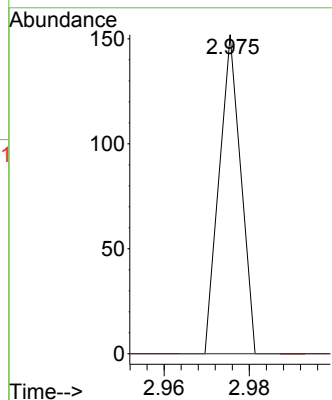
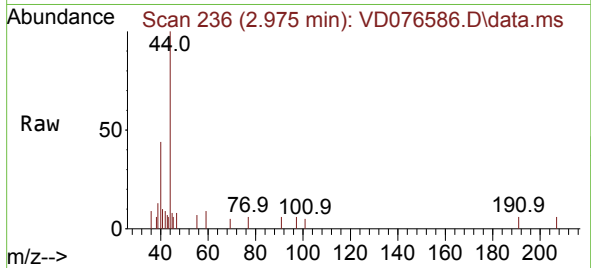




#7
 Trichlorofluoromethane
 Concen: 29.541 ug/l
 RT: 2.975 min Scan# 21
 Delta R.T. -0.188 min
 Lab File: VD076586.D
 Acq: 26 Jun 2023 17:58

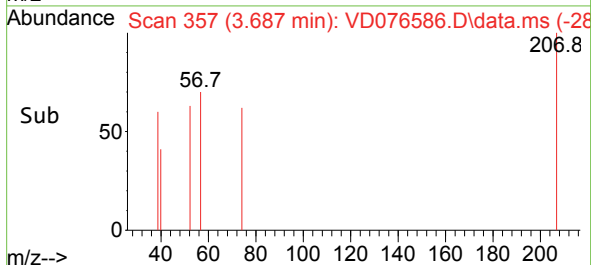
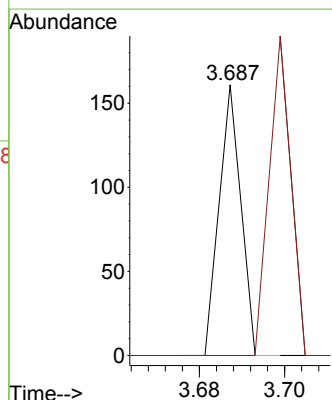
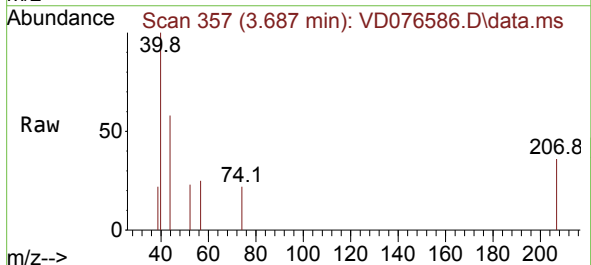
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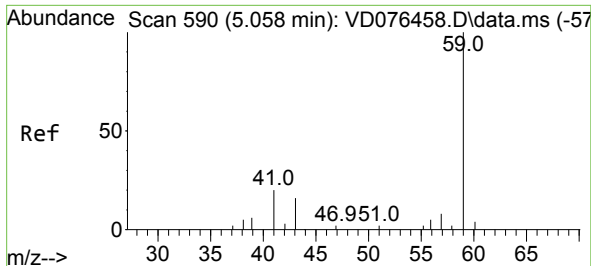
Tgt Ion:101 Resp: 54
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.3 78.5#



#8
 Diethyl Ether
 Concen: 82.856 ug/l
 RT: 3.687 min Scan# 357
 Delta R.T. 0.100 min
 Lab File: VD076586.D
 Acq: 26 Jun 2023 17:58

Tgt Ion: 74 Resp: 57
 Ion Ratio Lower Upper
 74 100
 45 117.5 37.5 112.7#

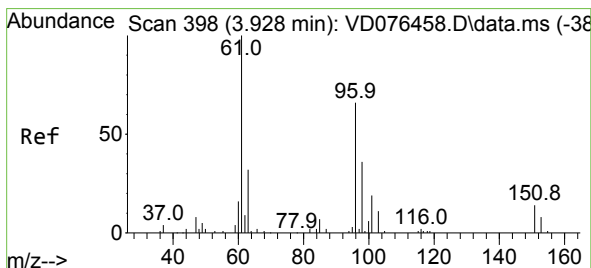
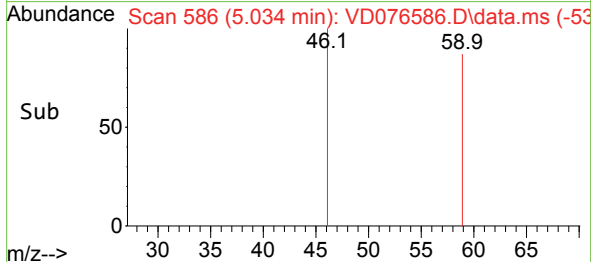
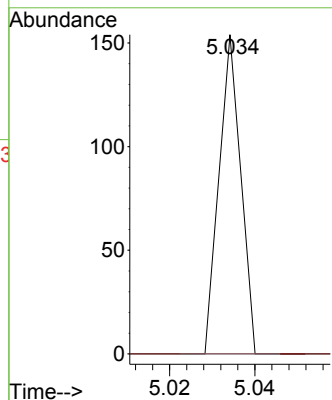
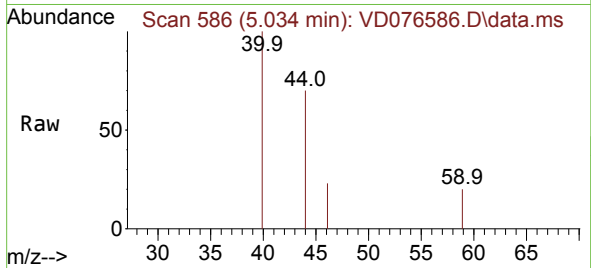




#11
Tert butyl alcohol
Concen: 495.427 ug/l
RT: 5.034 min Scan# 51
Delta R.T. -0.023 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

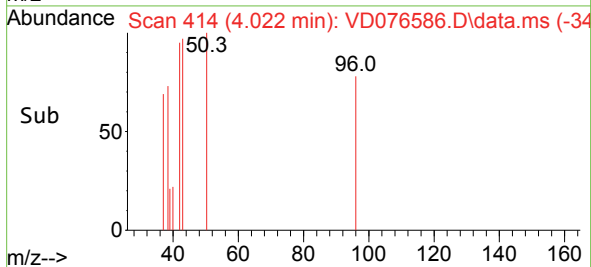
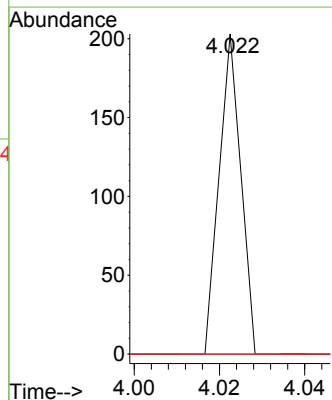
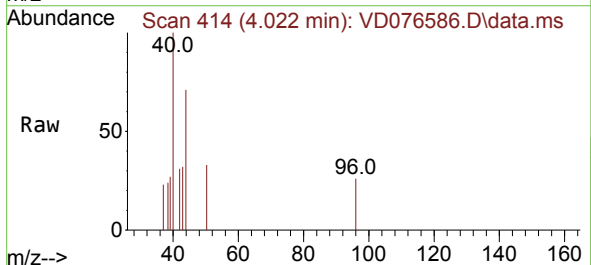
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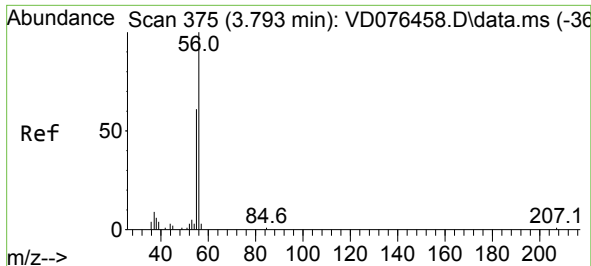
Tgt Ion: 59 Resp: 54
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 62.448 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.094 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 96 Resp: 72
Ion Ratio Lower Upper
96 100
61 0.0 100.6 150.8#
98 0.0 50.2 75.2#

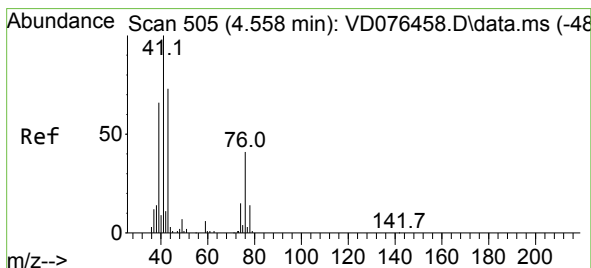
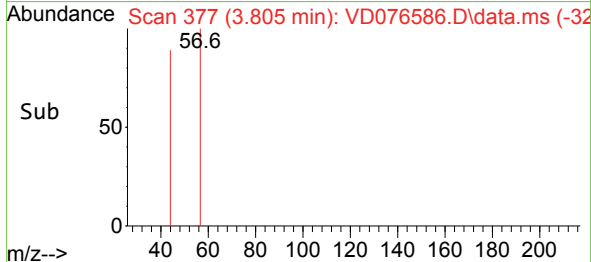
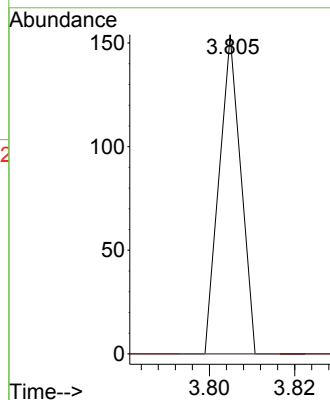
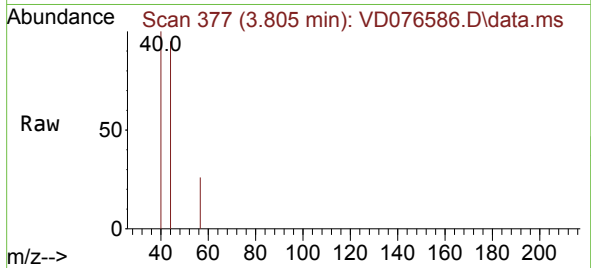




#13
Acrolein
Concen: 459.961 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

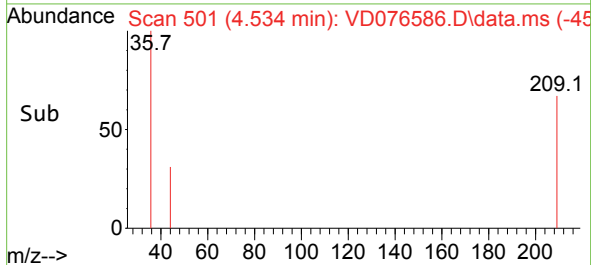
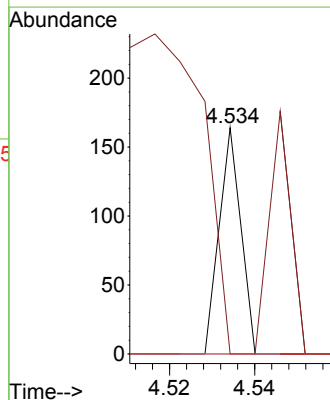
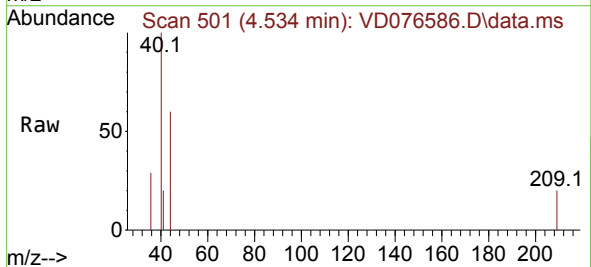
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

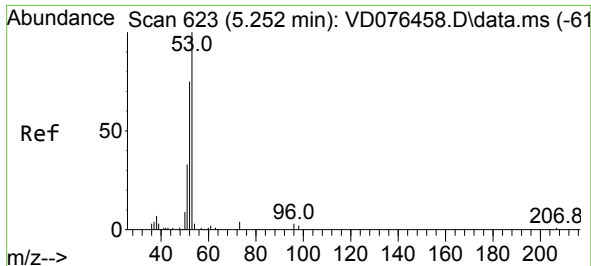
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 0.0 55.1 82.7#



#14
Allyl chloride
Concen: 27.508 ug/l
RT: 4.534 min Scan# 501
Delta R.T. -0.023 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 41 Resp: 58
Ion Ratio Lower Upper
41 100
39 106.9 53.8 80.6#
76 0.0 45.8 68.8#

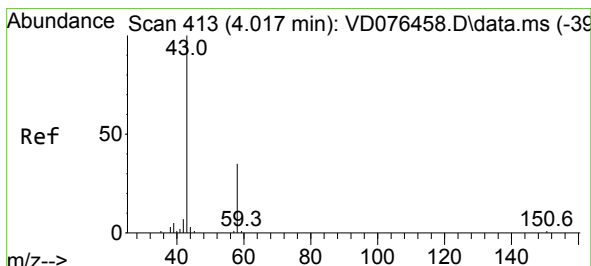
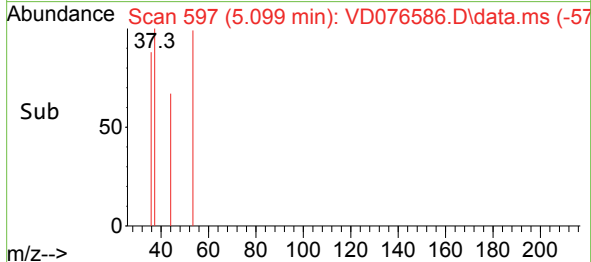
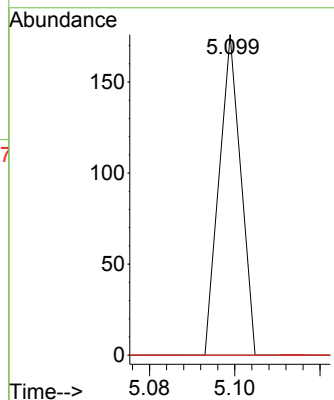
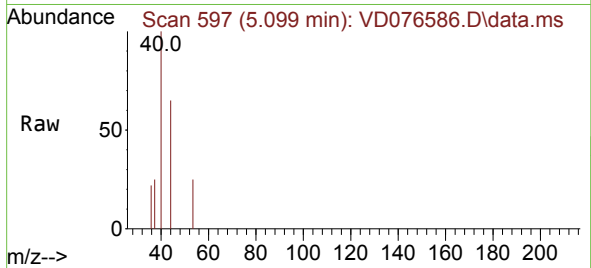




#15
Acrylonitrile
Concen: 175.264 ug/l
RT: 5.099 min Scan# 51
Delta R.T. -0.153 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

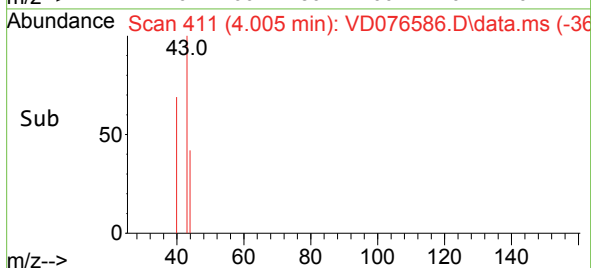
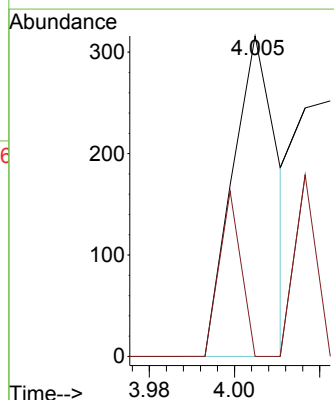
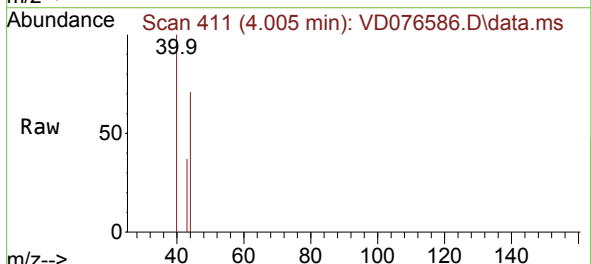
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

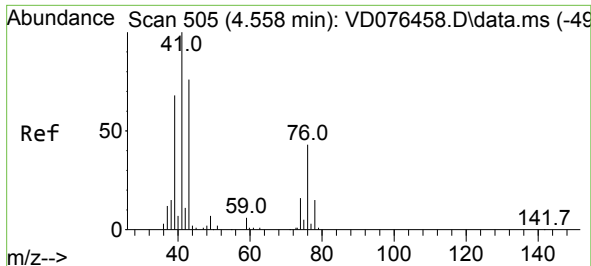
Tgt Ion: 53 Resp: 62
Ion Ratio Lower Upper
53 100
52 0.0 65.0 97.4#
51 0.0 28.3 42.5#



#16
Acetone
Concen: 788.933 ug/l
RT: 4.005 min Scan# 411
Delta R.T. -0.012 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

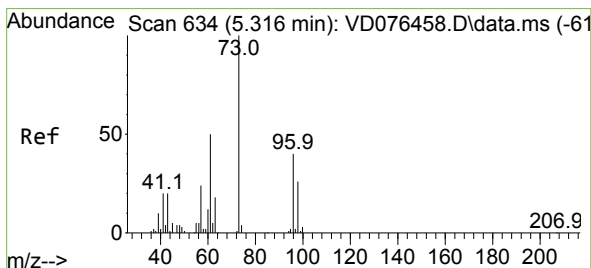
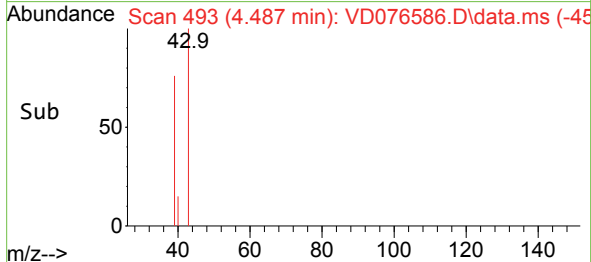
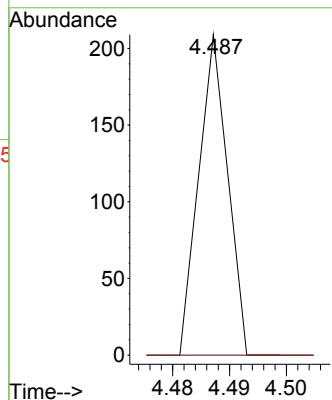
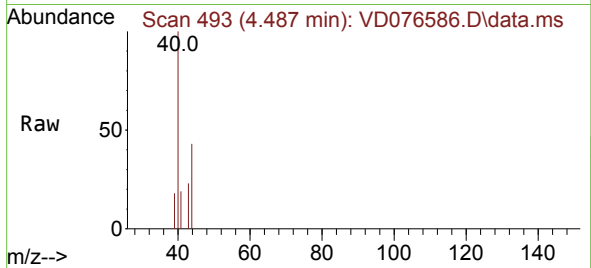




#18
Methyl Acetate
Concen: 53.452 ug/l
RT: 4.487 min Scan# 493
Delta R.T. -0.071 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

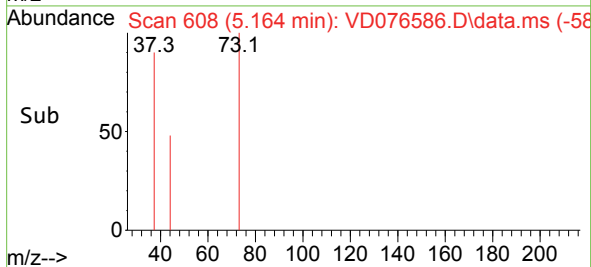
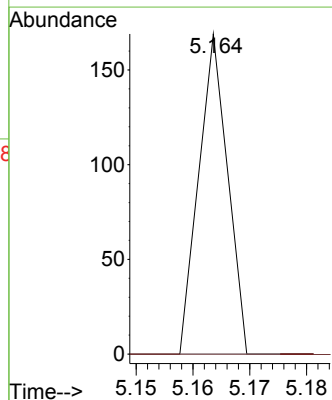
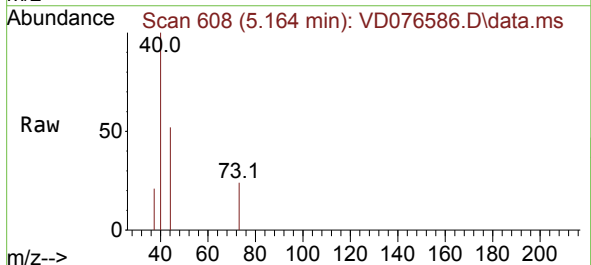
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

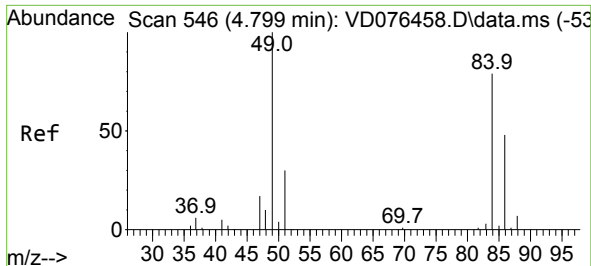
Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



#19
Methyl tert-butyl Ether
Concen: 19.025 ug/l
RT: 5.164 min Scan# 608
Delta R.T. -0.153 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 73 Resp: 60
Ion Ratio Lower Upper
73 100
57 0.0 16.6 25.0#

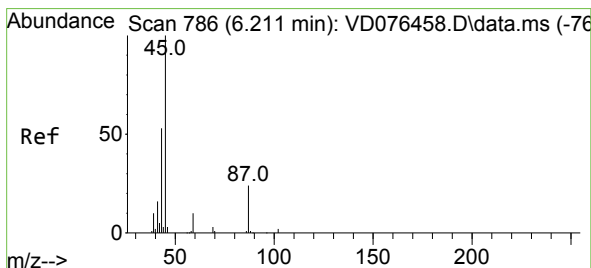
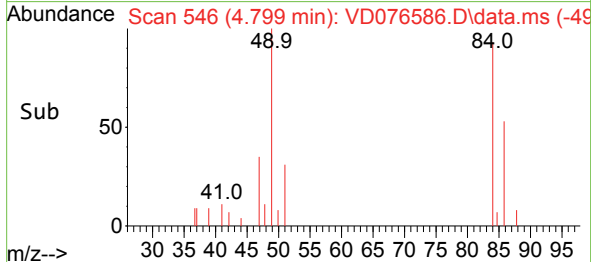
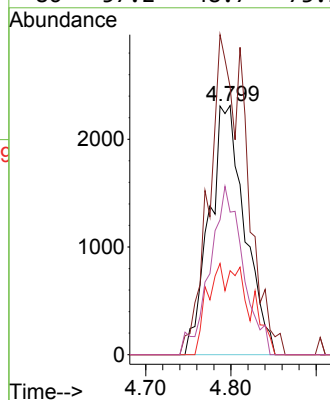
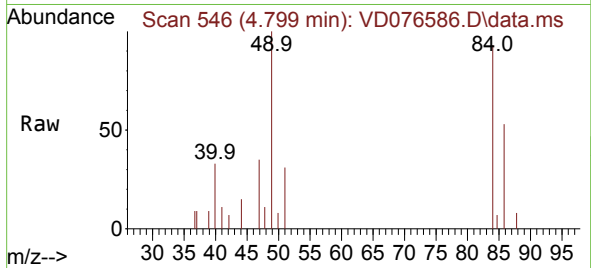




#20
Methylene Chloride
Concen: 4690.431 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

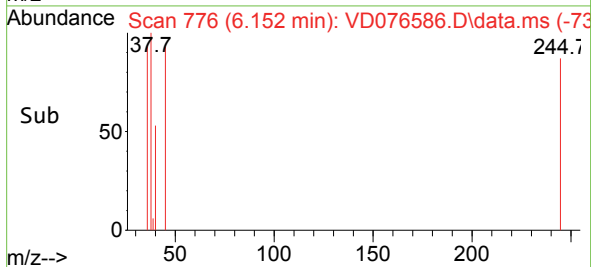
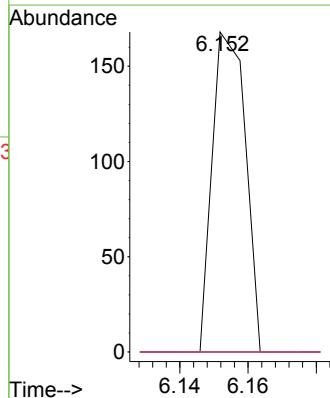
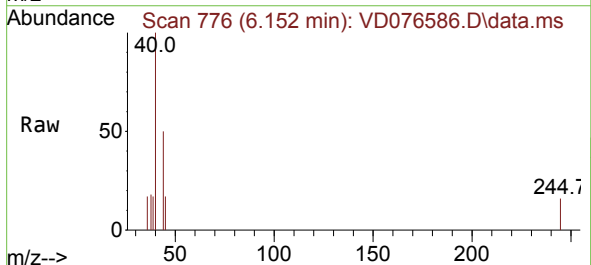
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

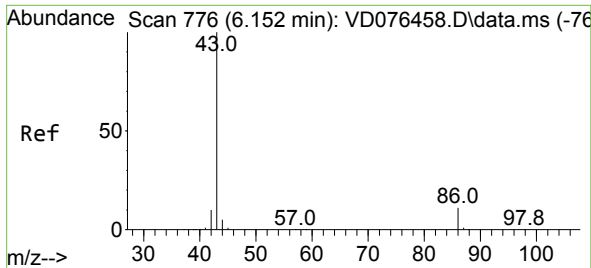
Tgt Ion:	84	Resp:	6684
Ion	Ratio	Lower	Upper
84	100		
49	107.4	71.4	107.2#
51	33.7	24.5	36.7
86	57.2	48.7	73.1



#22
Diisopropyl ether
Concen: 24.785 ug/l
RT: 6.152 min Scan# 776
Delta R.T. -0.059 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion:	45	Resp:	113
Ion	Ratio	Lower	Upper
45	100		
43	0.0	40.0	60.0#
87	0.0	28.2	42.4#
59	0.0	11.0	16.4#

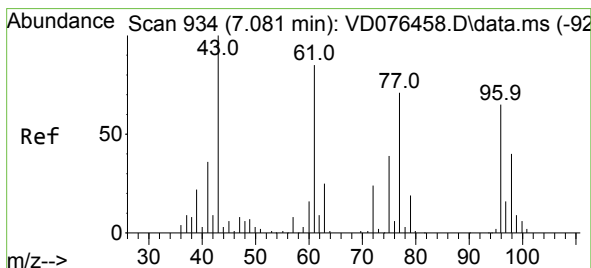
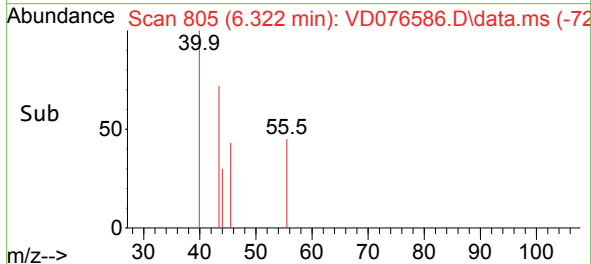
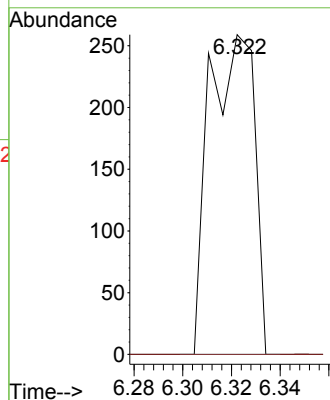
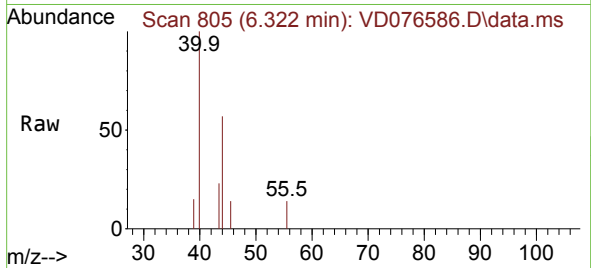




#23
 Vinyl Acetate
 Concen: 147.351 ug/l
 RT: 6.322 min Scan# 805
 Delta R.T. 0.171 min
 Lab File: VD076586.D
 Acq: 26 Jun 2023 17:58

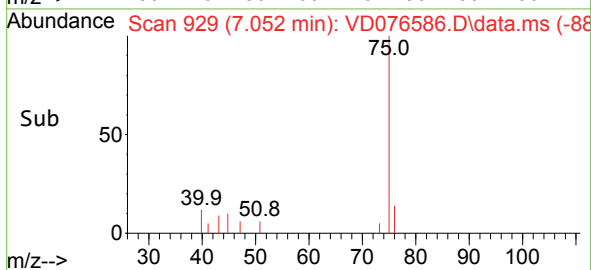
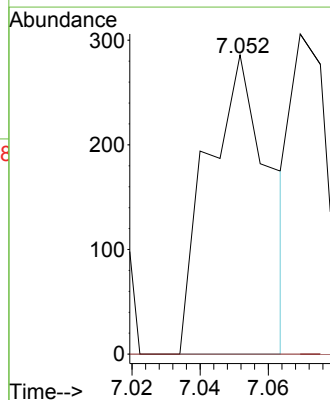
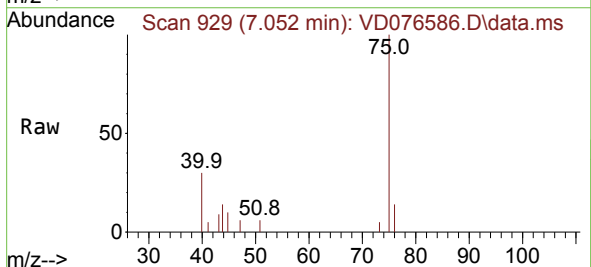
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0RE

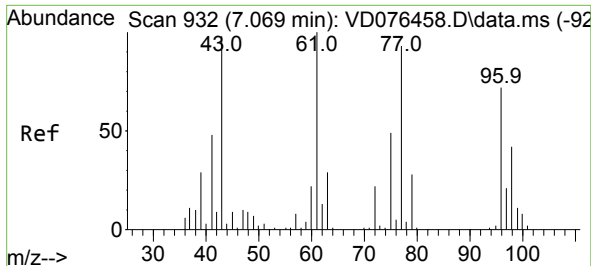
Tgt Ion: 43 Resp: 333
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.5 18.7#



#25
 2-Butanone
 Concen: 776.952 ug/l
 RT: 7.052 min Scan# 929
 Delta R.T. -0.029 min
 Lab File: VD076586.D
 Acq: 26 Jun 2023 17:58

Tgt Ion: 43 Resp: 361
 Ion Ratio Lower Upper
 43 100
 72 0.0 30.7 46.1#

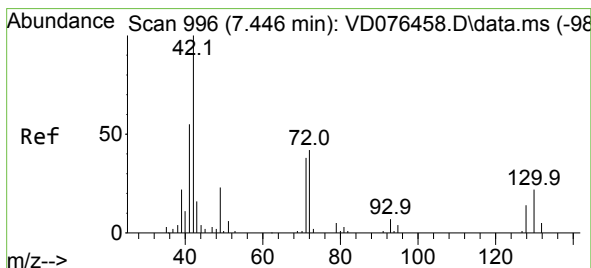
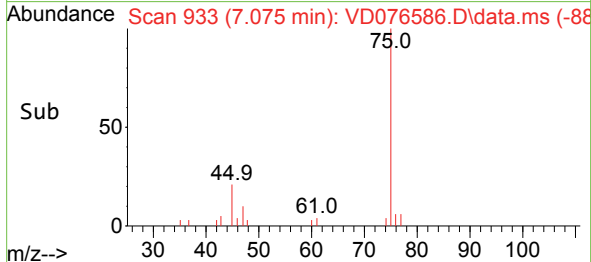
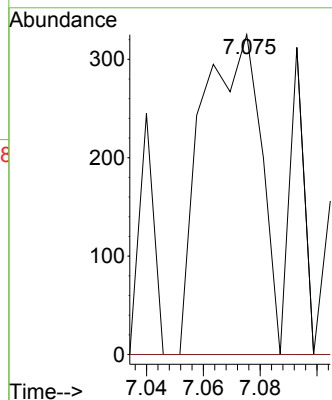
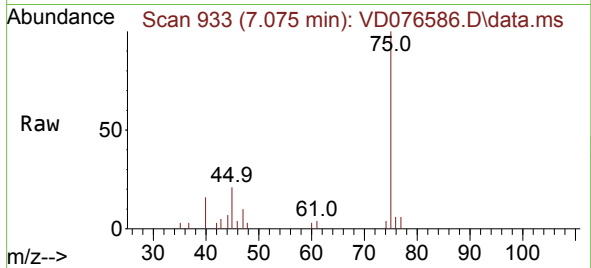




#26
2,2-Dichloropropane
Concen: 213.665 ug/l
RT: 7.075 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

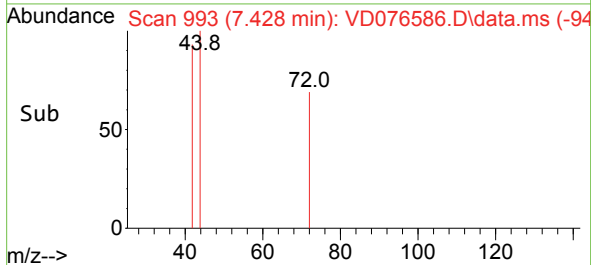
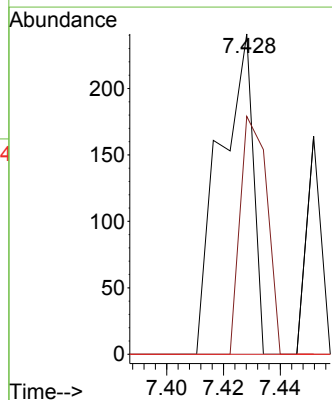
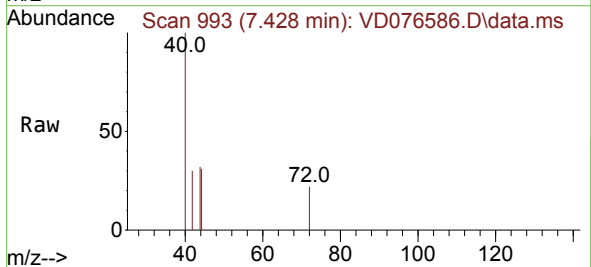
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

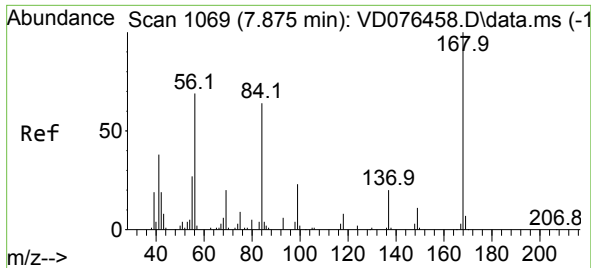
Tgt Ion: 77 Resp: 469
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#



#29
Tetrahydrofuran
Concen: 656.399 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.018 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

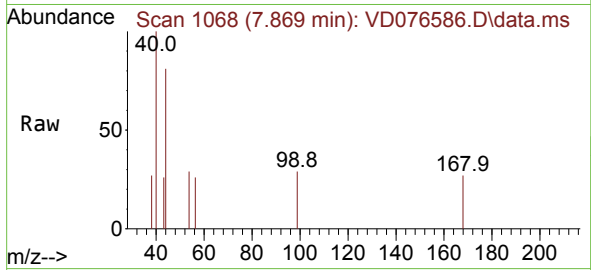
Tgt Ion: 42 Resp: 196
Ion Ratio Lower Upper
42 100
72 60.2 46.5 69.7
71 0.0 44.5 66.7#



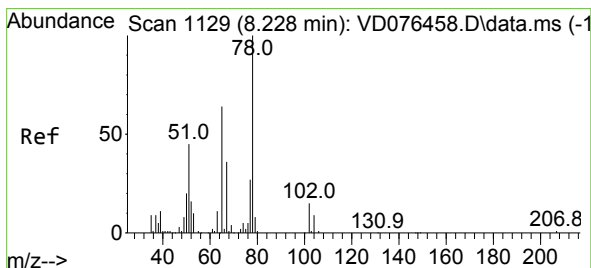
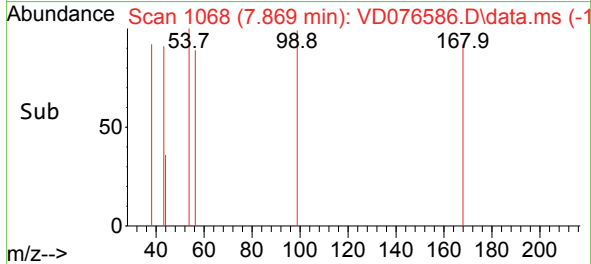
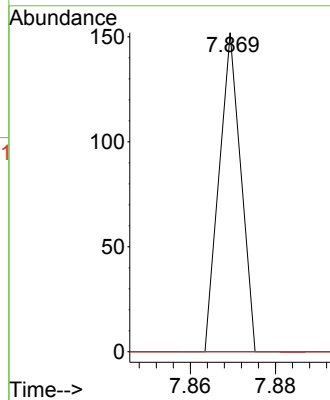


#31
Cyclohexane
Concen: 26.980 ug/l
RT: 7.869 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

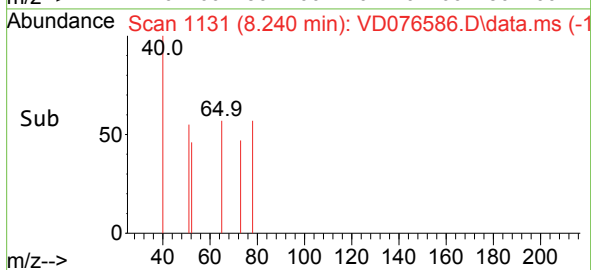
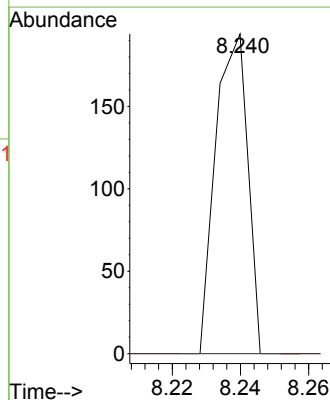
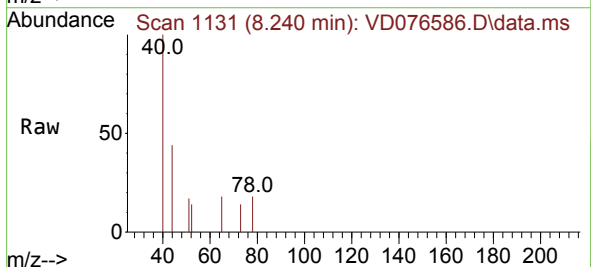


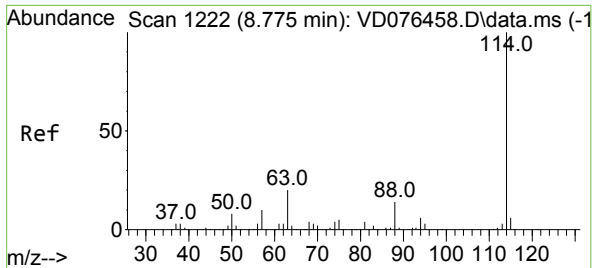
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
69 0.0 28.6 43.0#
84 0.0 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 99.809 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.012 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 65 Resp: 126
Ion Ratio Lower Upper
65 100
67 0.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.787 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD076586.D

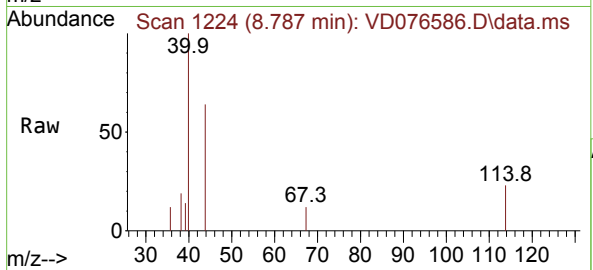
Acq: 26 Jun 2023 17:58

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0RE



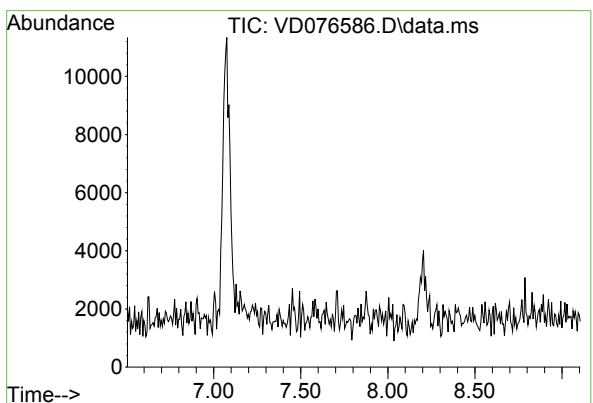
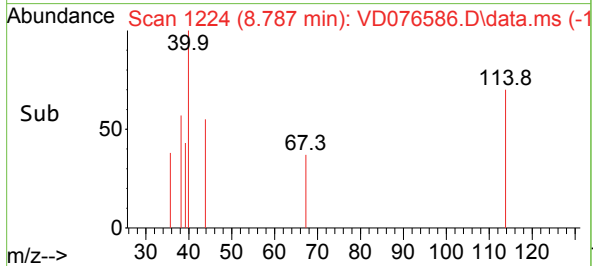
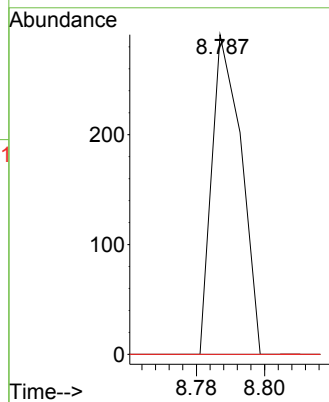
Tgt Ion:114 Resp: 174

Ion Ratio Lower Upper

114 100

63 0.0 0.0 33.4

88 0.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.80 min

Lab File: VD076586.D

Acq: 26 Jun 2023 17:58

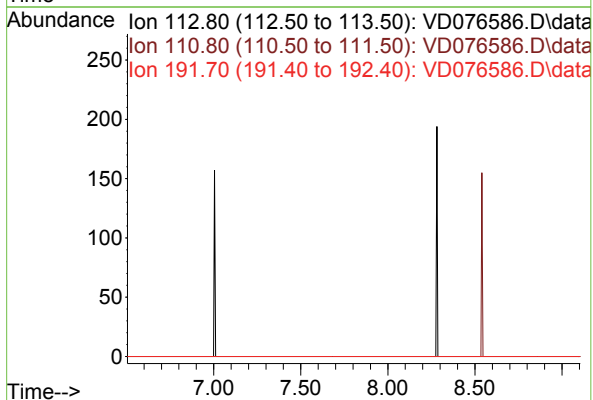
Tgt Ion: 113

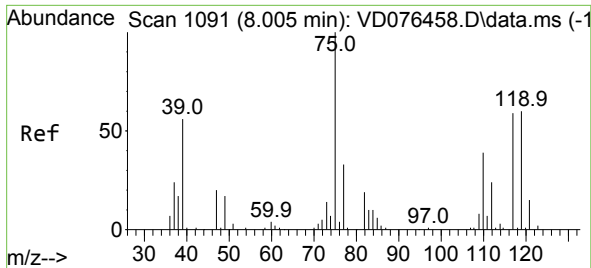
Sig Exp Ratio

113 100

111 105.9

192 21.0

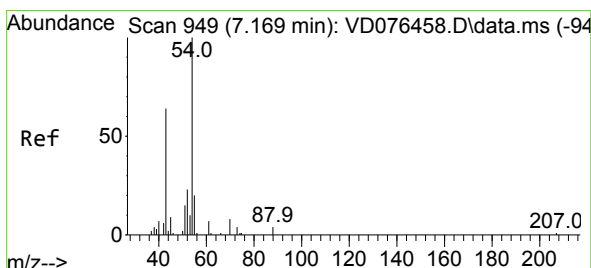
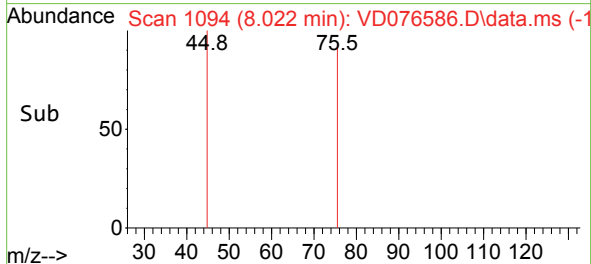
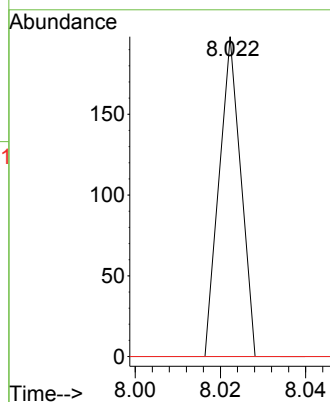
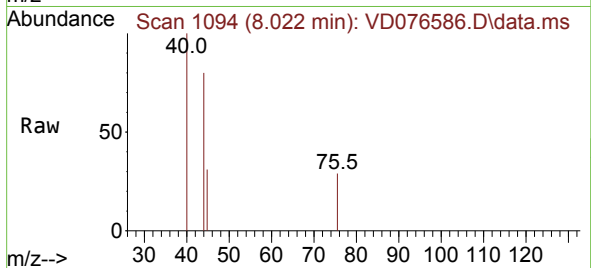




#36
1,1-Dichloropropene
Concen: 48.358 ug/l
RT: 8.022 min Scan# 1094
Delta R.T. 0.018 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

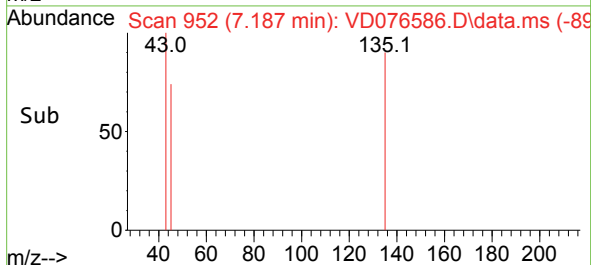
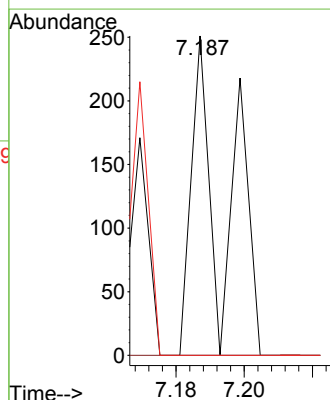
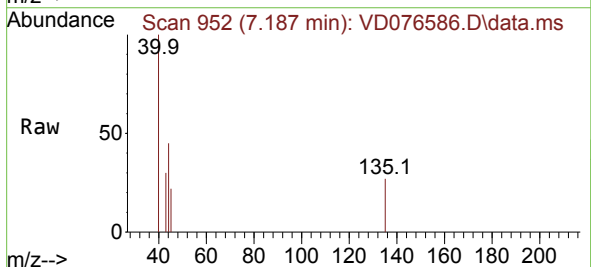
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

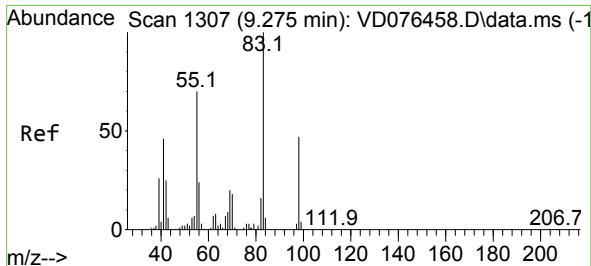
Tgt Ion: 75 Resp: 70
Ion Ratio Lower Upper
75 100
110 0.0 19.9 59.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 197.902 ug/l
RT: 7.187 min Scan# 952
Delta R.T. 0.018 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 43 Resp: 166
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 0.0 10.0 15.0#





#39

Methylcyclohexane

Concen: 36.498 ug/l

RT: 9.069 min Scan# 11

Delta R.T. -0.206 min

Lab File: VD076586.D

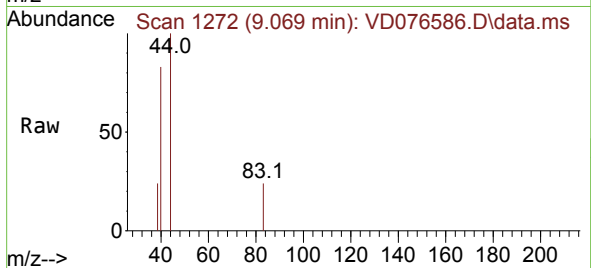
Acq: 26 Jun 2023 17:58

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0RE



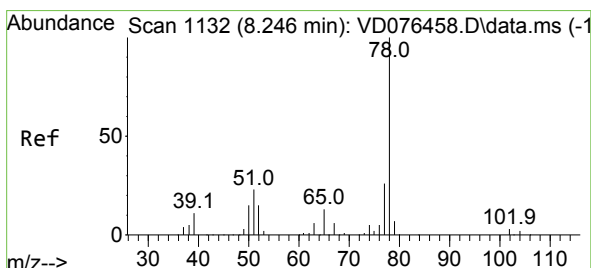
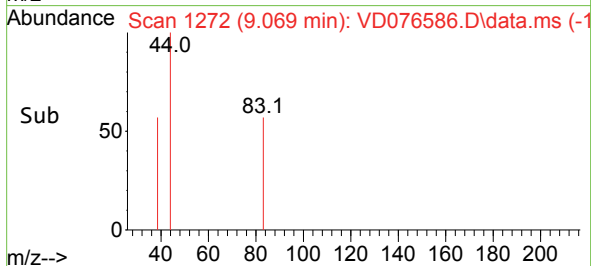
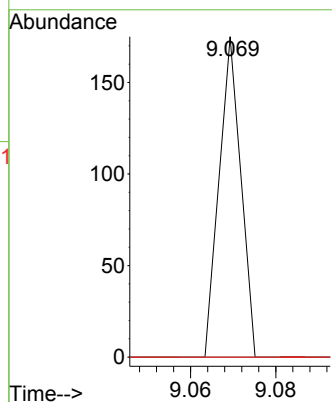
Tgt Ion: 83 Resp: 62

Ion Ratio Lower Upper

83 100

55 0.0 49.4 74.0#

98 0.0 38.4 57.6#



#40

Benzene

Concen: 15.404 ug/l

RT: 8.240 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VD076586.D

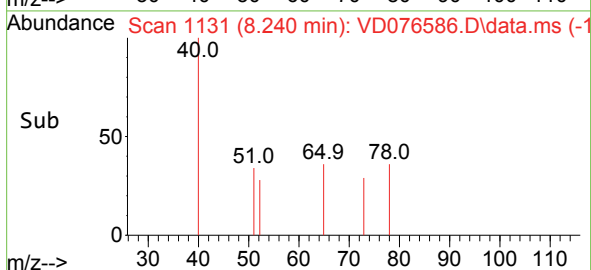
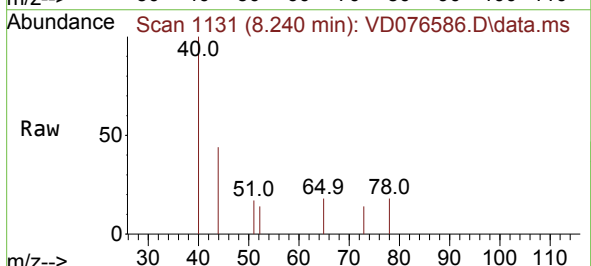
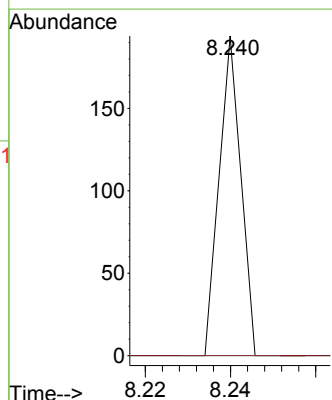
Acq: 26 Jun 2023 17:58

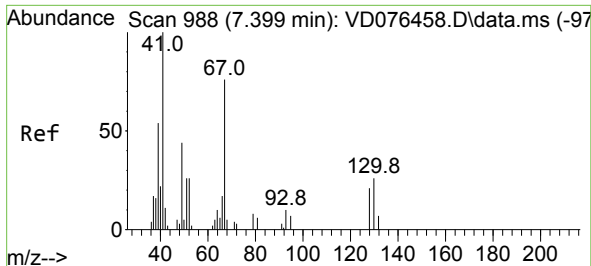
Tgt Ion: 78 Resp: 68

Ion Ratio Lower Upper

78 100

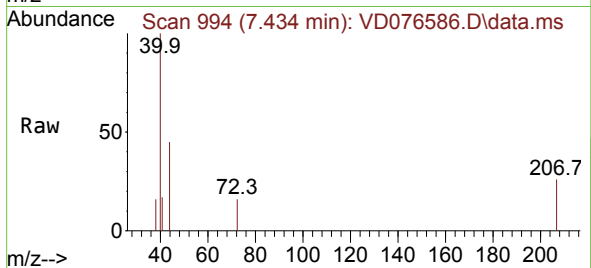
77 0.0 19.4 29.0#



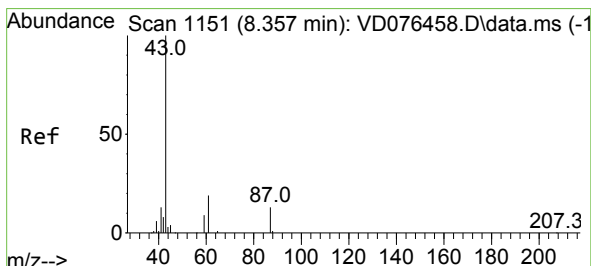
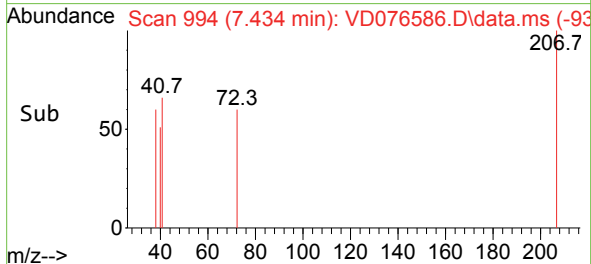
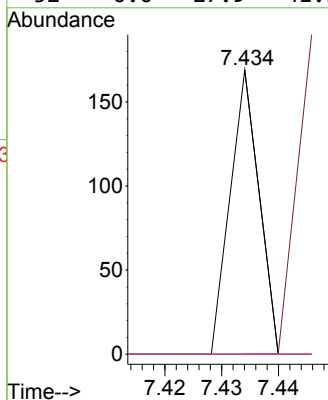


#41
Methacrylonitrile
Concen: 126.675 ug/l
RT: 7.434 min Scan# 91
Delta R.T. 0.035 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

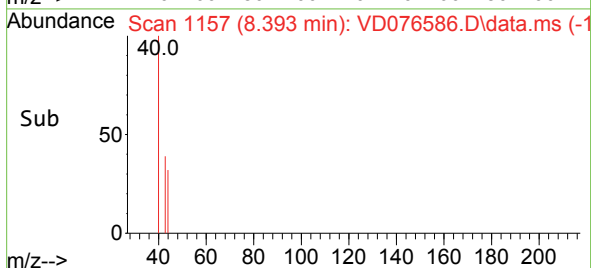
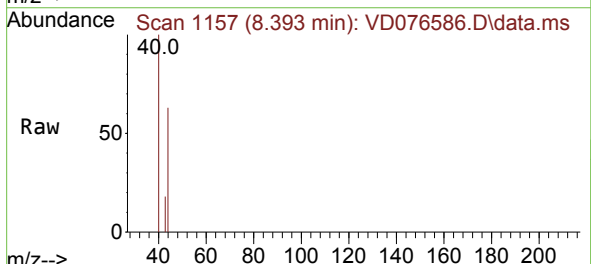
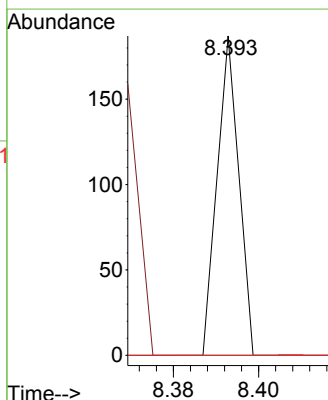


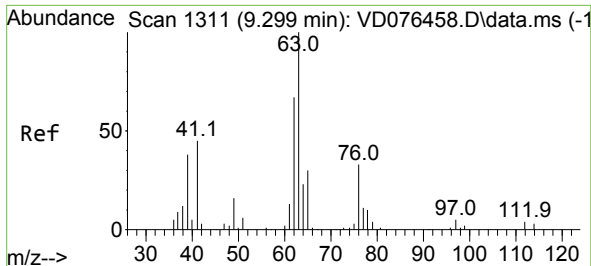
Tgt Ion:	41	Resp:	60
Ion	Ratio	Lower	Upper
41	100		
39	0.0	34.0	51.0#
67	0.0	77.0	115.4#
52	0.0	27.9	41.9#



#43
Isopropyl Acetate
Concen: 41.562 ug/l
RT: 8.393 min Scan# 1157
Delta R.T. 0.035 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion:	43	Resp:	66
Ion	Ratio	Lower	Upper
43	100		
61	0.0	31.4	47.0#
87	0.0	14.9	22.3#





#45

1,2-Dichloropropane

Concen: 83.552 ug/l

RT: 9.493 min Scan# 11

Delta R.T. 0.194 min

Lab File: VD076586.D

Acq: 26 Jun 2023 17:58

Instrument :

MSVOA_D

ClientSampleId :

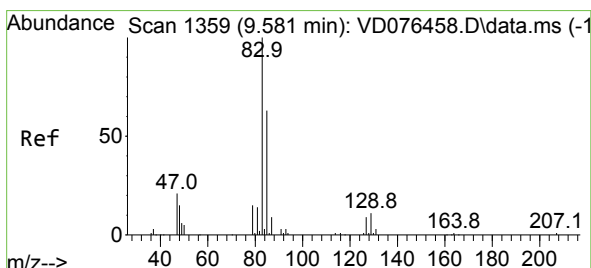
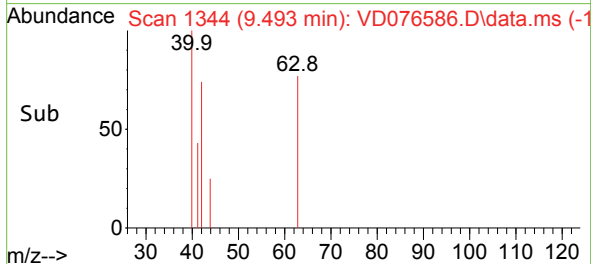
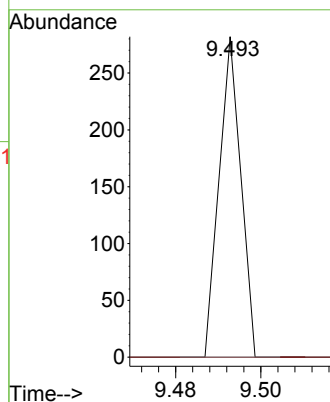
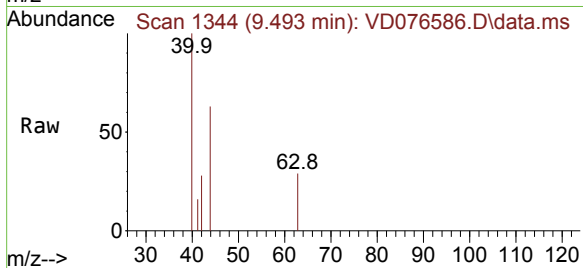
SB-05-0-2.0RE

Tgt Ion: 63 Resp: 100

Ion Ratio Lower Upper

63 100

65 0.0 24.5 36.7#



#47

Bromodichloromethane

Concen: 39.105 ug/l

RT: 9.728 min Scan# 1384

Delta R.T. 0.147 min

Lab File: VD076586.D

Acq: 26 Jun 2023 17:58

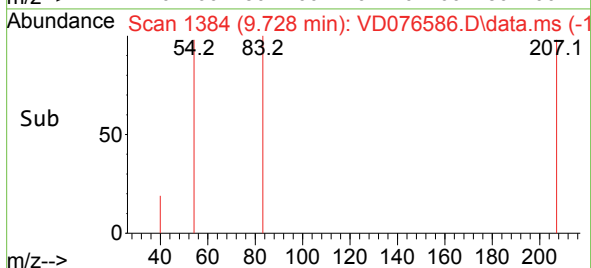
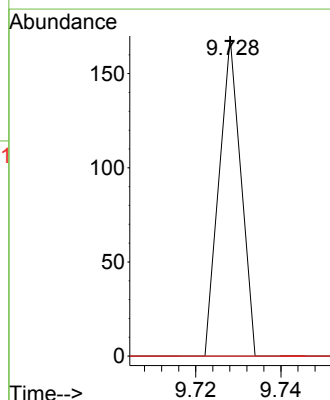
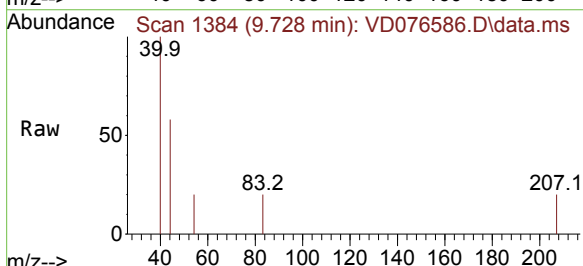
Tgt Ion: 83 Resp: 60

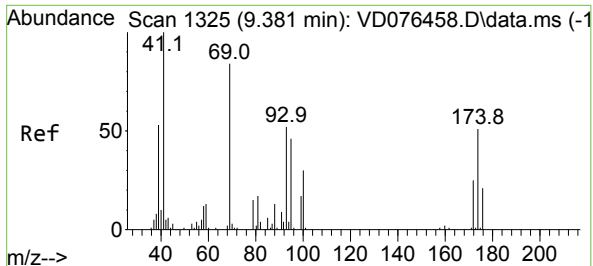
Ion Ratio Lower Upper

83 100

85 0.0 50.2 75.4#

127 0.0 6.3 9.5#





#48

Methyl methacrylate

Concen: 78.313 ug/l

RT: 9.405 min Scan# 11

Delta R.T. 0.024 min

Lab File: VD076586.D

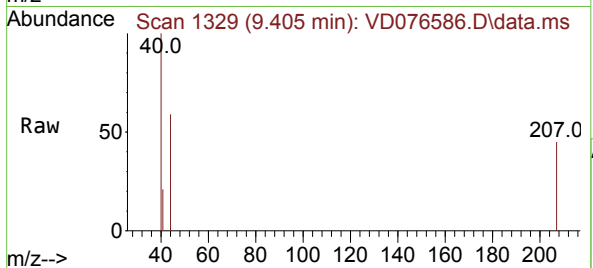
Acq: 26 Jun 2023 17:58

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0RE



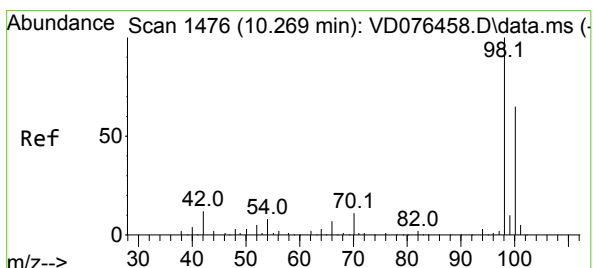
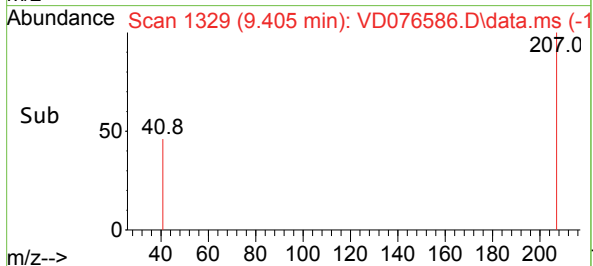
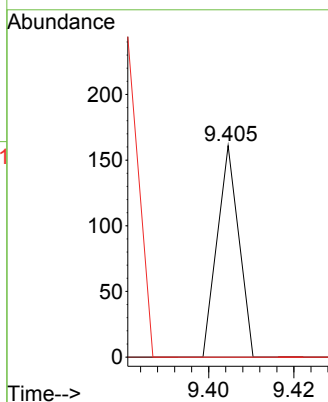
Tgt Ion: 41 Resp: 57

Ion Ratio Lower Upper

41 100

69 0.0 102.2 153.2#

39 0.0 41.4 62.2#



#50

Toluene-d8

Concen: 97.699 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD076586.D

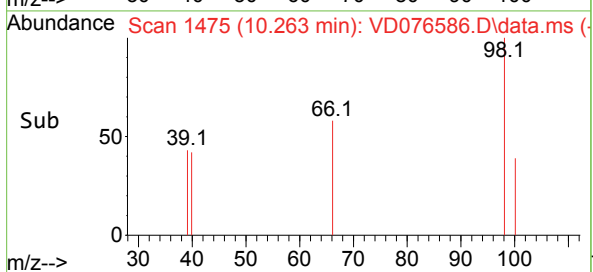
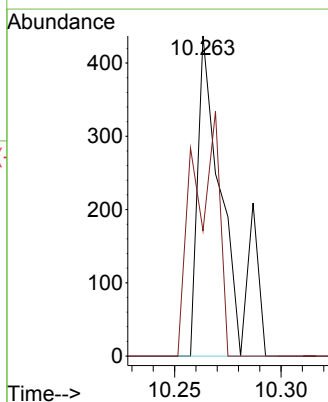
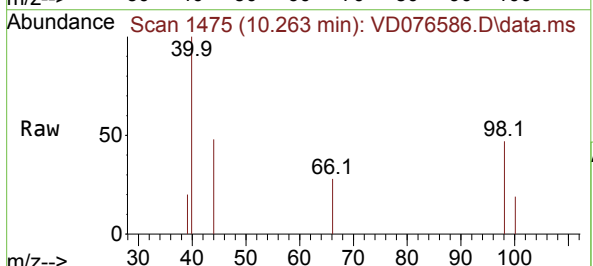
Acq: 26 Jun 2023 17:58

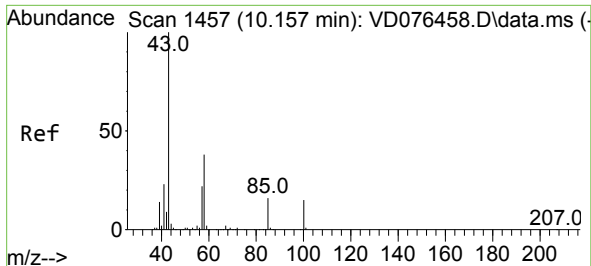
Tgt Ion: 98 Resp: 383

Ion Ratio Lower Upper

98 100

100 72.6 50.3 75.5

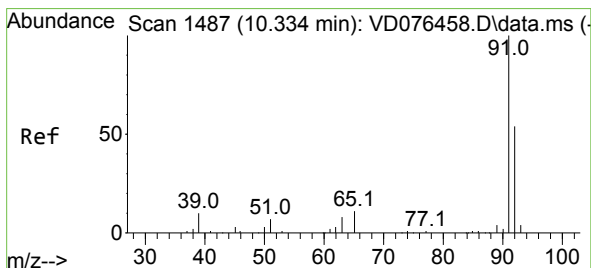
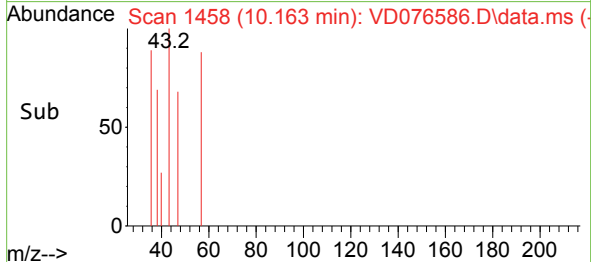
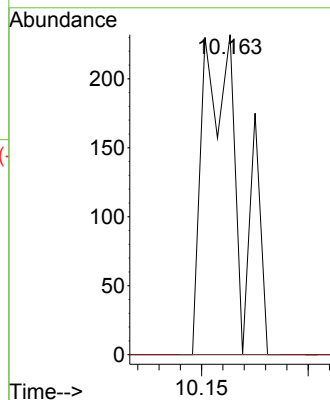
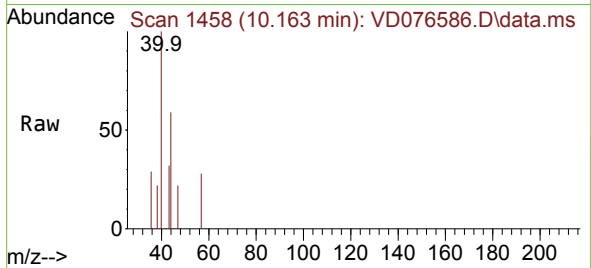




#51
4-Methyl-2-Pentanone
Concen: 344.933 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

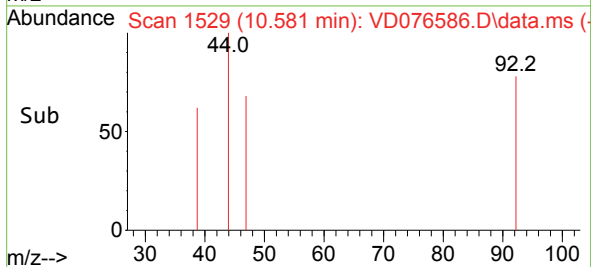
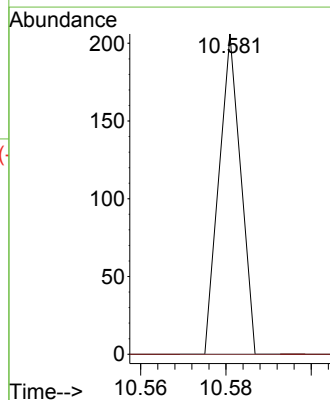
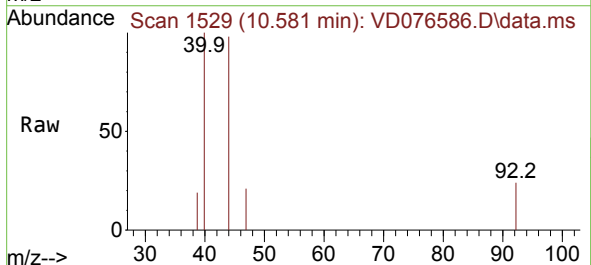
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

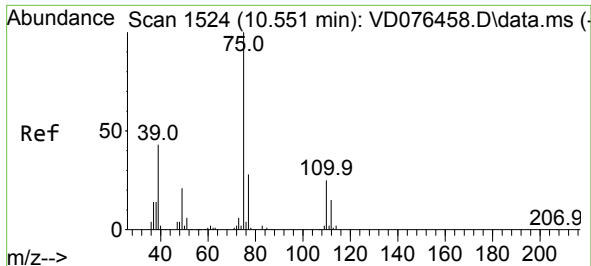
Tgt Ion: 43 Resp: 280
Ion Ratio Lower Upper
43 100
58 0.0 38.9 58.3#



#52
Toluene
Concen: 26.353 ug/l
RT: 10.581 min Scan# 1529
Delta R.T. 0.247 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 92 Resp: 73
Ion Ratio Lower Upper
92 100
91 0.0 143.0 214.4#

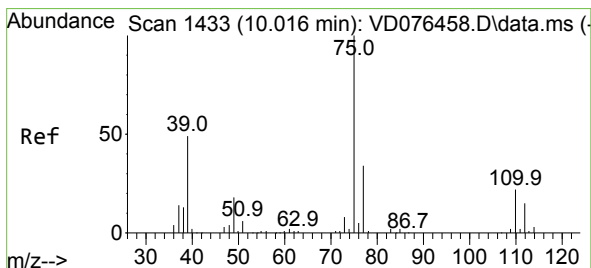
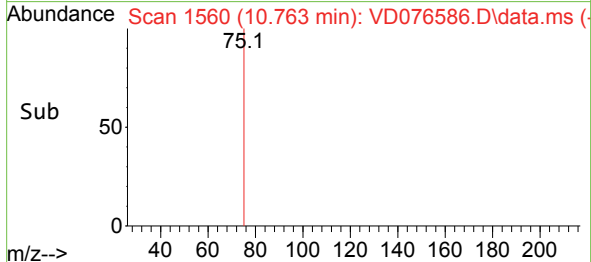
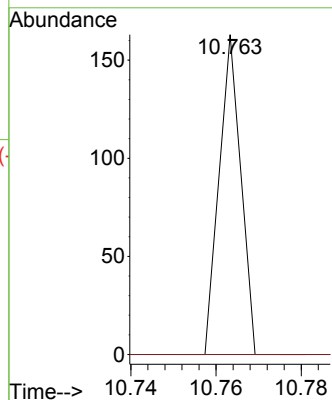
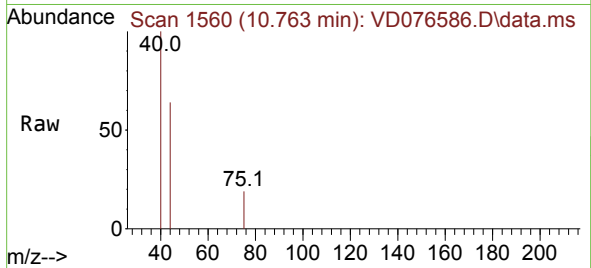




#53
t-1,3-Dichloropropene
Concen: 37.253 ug/l
RT: 10.763 min Scan# 11
Delta R.T. 0.212 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

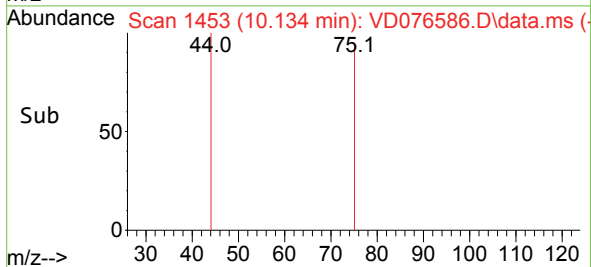
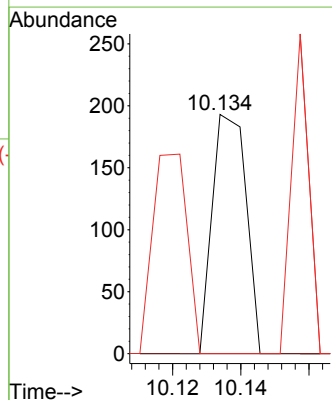
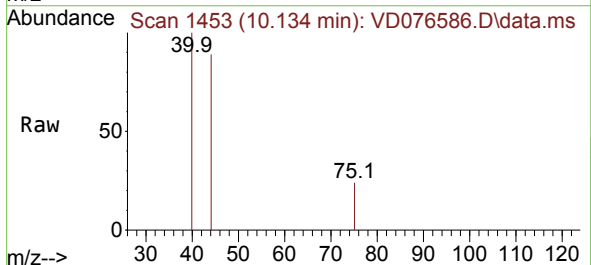
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

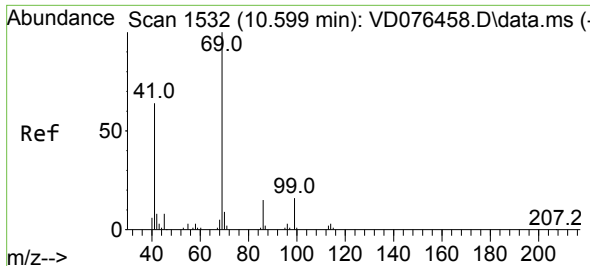
Tgt Ion: 75 Resp: 58
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#



#54
cis-1,3-Dichloropropene
Concen: 72.052 ug/l
RT: 10.134 min Scan# 1453
Delta R.T. 0.118 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 75 Resp: 133
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 0.0 22.1 33.1#

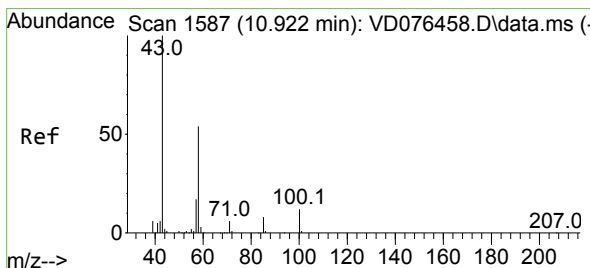
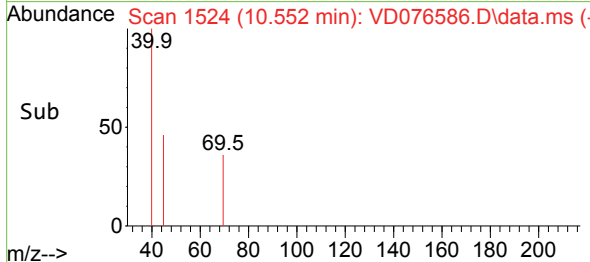
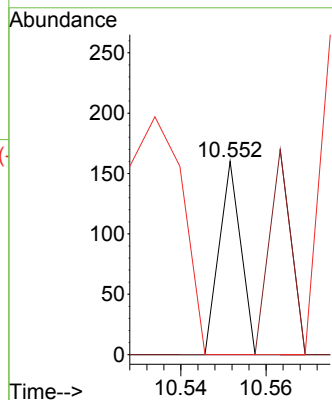
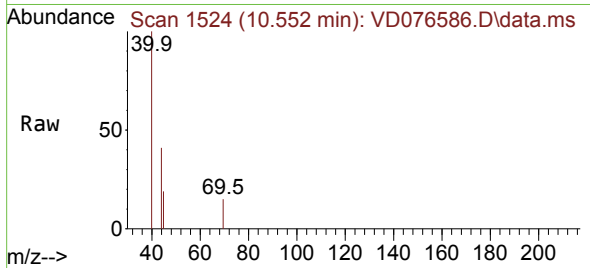




#56
Ethyl methacrylate
Concen: 47.821 ug/l
RT: 10.552 min Scan# 11
Delta R.T. -0.047 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

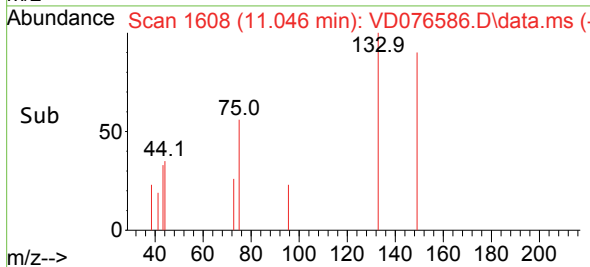
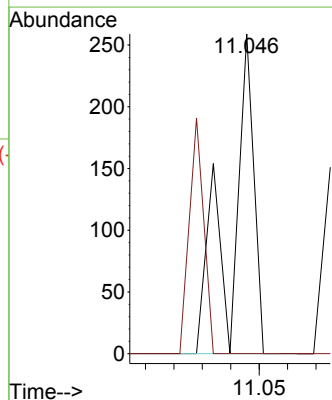
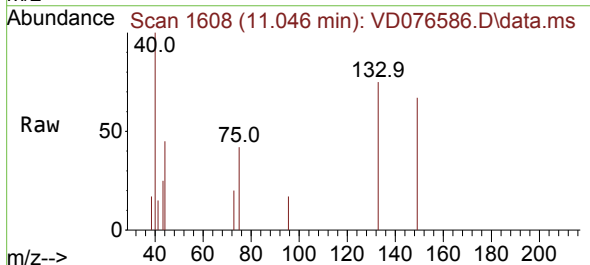
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

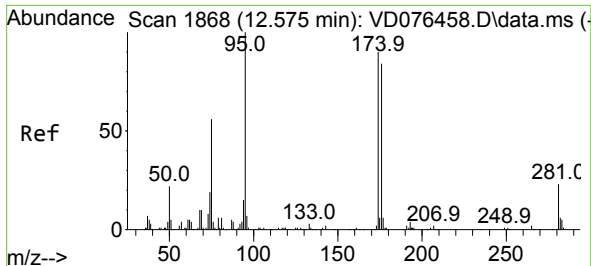
Tgt Ion: 69 Resp: 56
Ion Ratio Lower Upper
69 100
41 0.0 39.1 58.7#
39 0.0 20.0 30.0#



#59
2-Hexanone
Concen: 258.564 ug/l
RT: 11.046 min Scan# 1608
Delta R.T. 0.124 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 43 Resp: 146
Ion Ratio Lower Upper
43 100
58 45.9 34.1 102.2

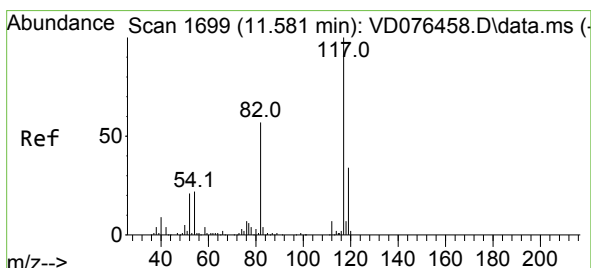
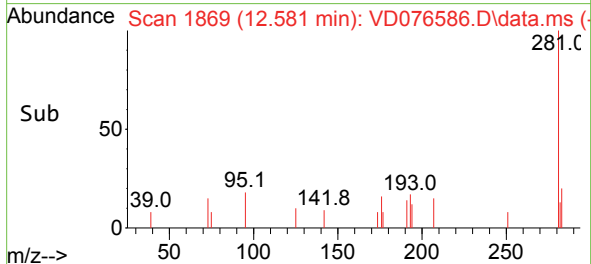
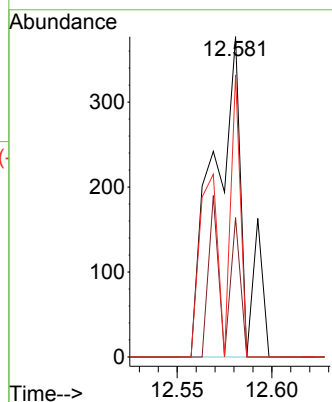
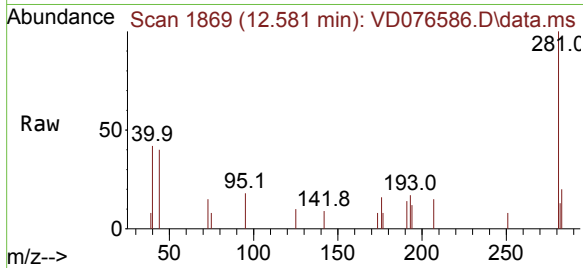




#62
4-Bromofluorobenzene
Concen: 326.189 ug/l
RT: 12.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

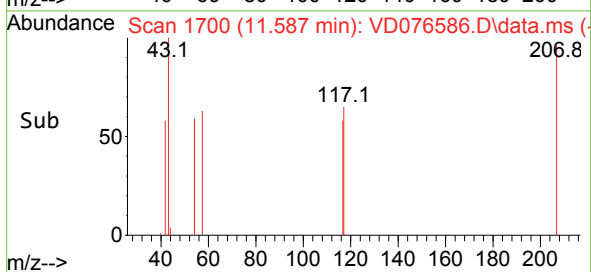
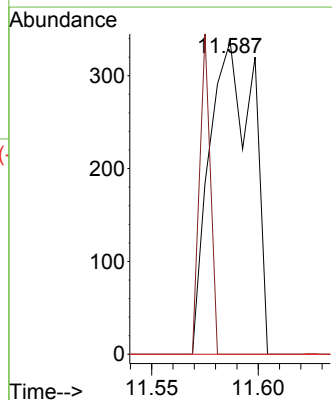
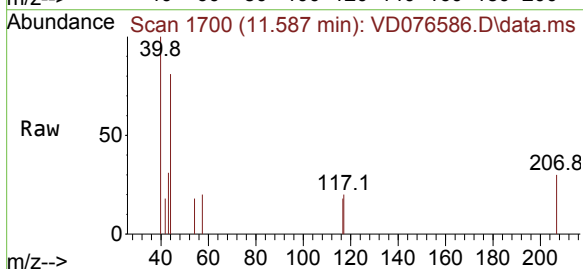
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

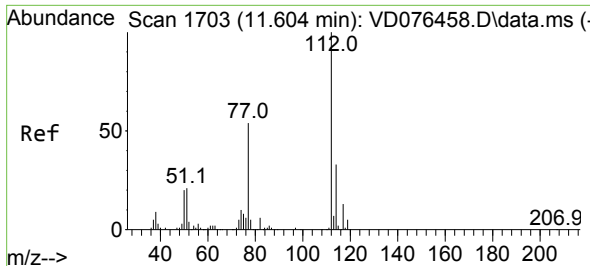
Tgt Ion: 95 Resp: 415
Ion Ratio Lower Upper
95 100
174 30.1 0.0 201.8
176 34.2 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 117 Resp: 478
Ion Ratio Lower Upper
117 100
82 0.0 38.3 57.5#
119 0.0 25.0 37.4#

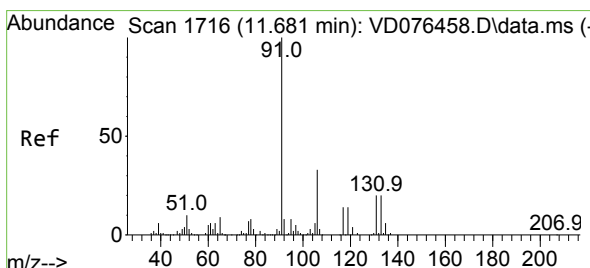
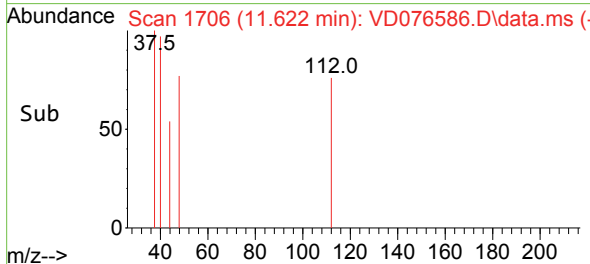
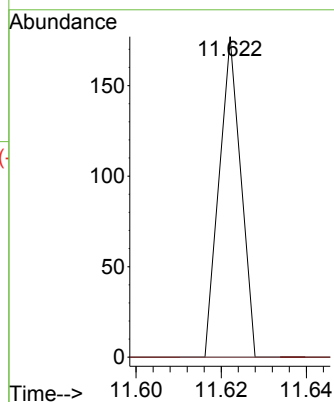
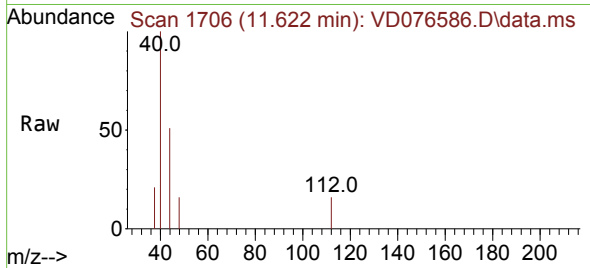




#65
Chlorobenzene
Concen: 6.827 ug/l
RT: 11.622 min Scan# 11
Delta R.T. 0.018 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

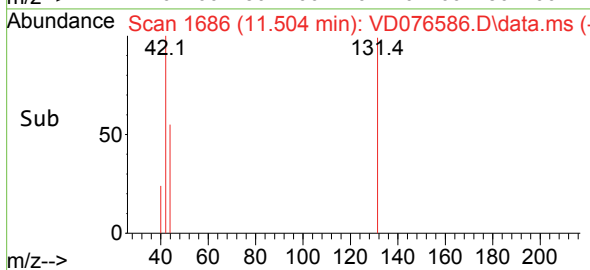
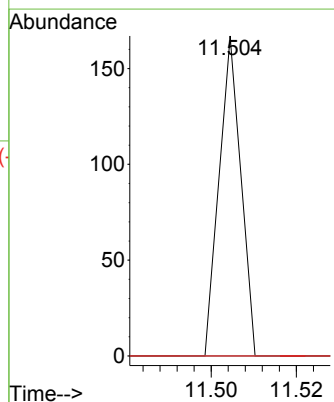
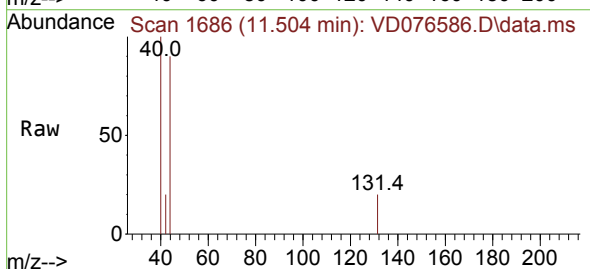
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

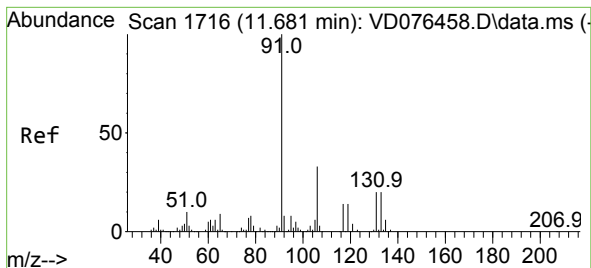
Tgt Ion:112 Resp: 62
Ion Ratio Lower Upper
112 100
114 0.0 25.1 37.7#



#66
1,1,1,2-Tetrachloroethane
Concen: 18.167 ug/l
RT: 11.504 min Scan# 1686
Delta R.T. -0.176 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion:131 Resp: 59
Ion Ratio Lower Upper
131 100
133 0.0 48.5 145.5#
119 0.0 35.6 106.9#





#67

Ethyl Benzene

Concen: 14.791 ug/l

RT: 11.693 min Scan# 1718

Delta R.T. 0.012 min

Lab File: VD076586.D

Acq: 26 Jun 2023 17:58

Instrument :

MSVOA_D

ClientSampleId :

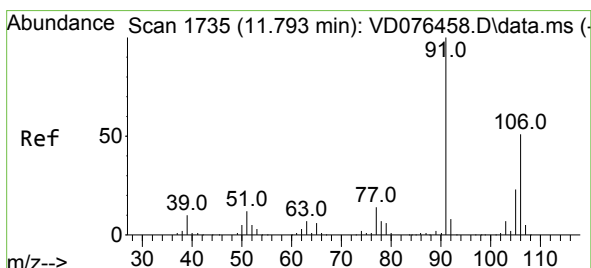
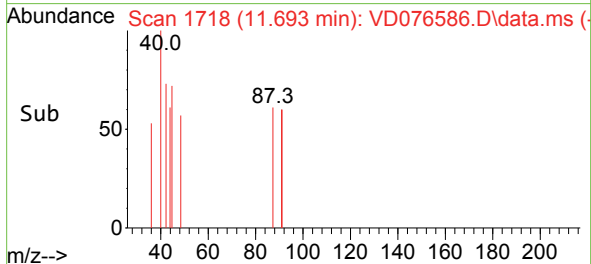
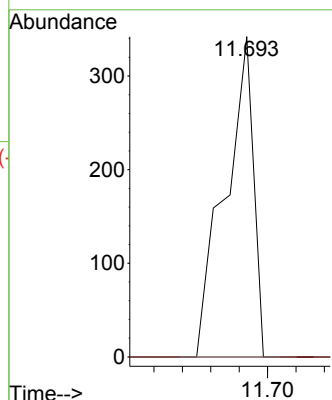
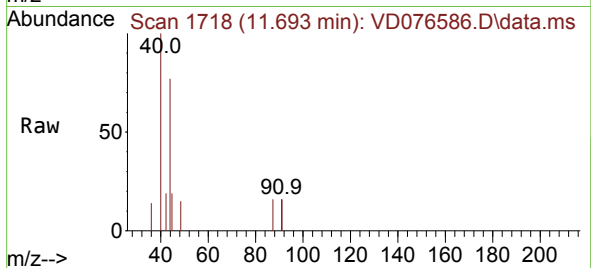
SB-05-0-2.0RE

Tgt Ion: 91 Resp: 238

Ion Ratio Lower Upper

91 100

106 0.0 26.5 39.7#



#68

m/p-Xylenes

Concen: 21.652 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD076586.D

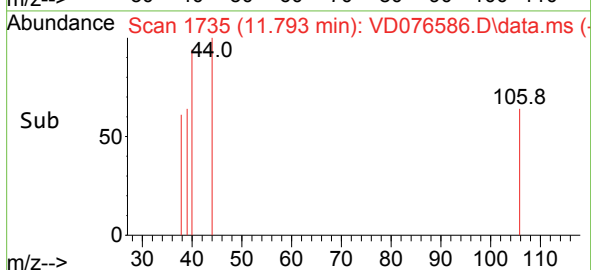
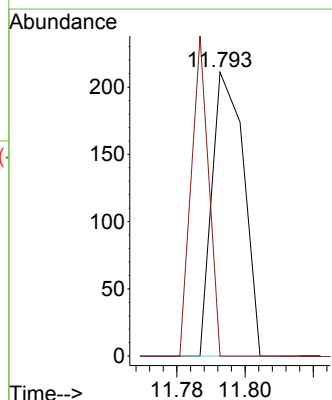
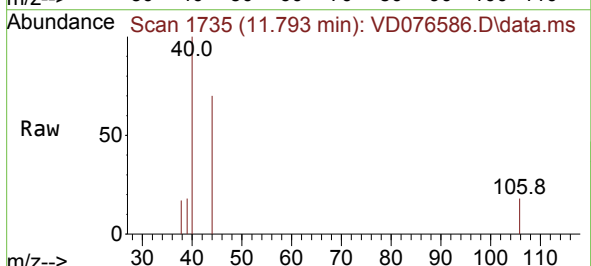
Acq: 26 Jun 2023 17:58

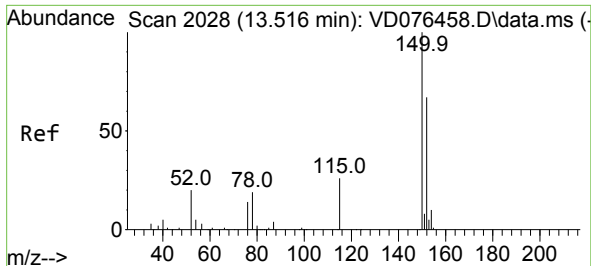
Tgt Ion:106 Resp: 136

Ion Ratio Lower Upper

106 100

91 61.8 147.0 220.6#

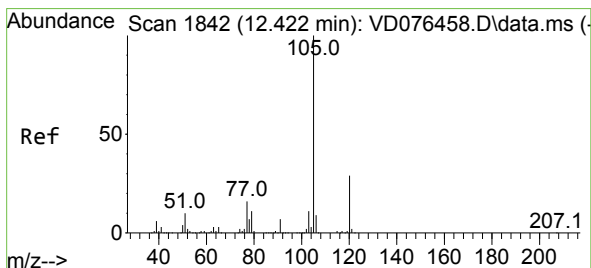
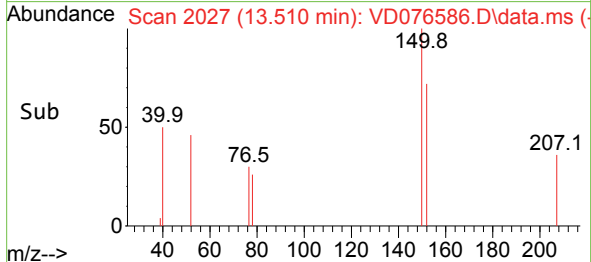
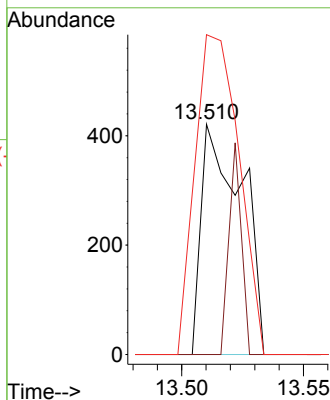
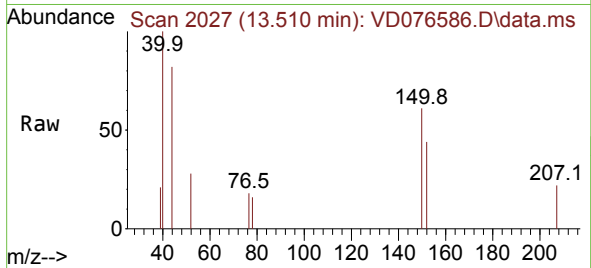




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 2028
 Delta R.T. -0.006 min
 Lab File: VD076586.D
 Acq: 26 Jun 2023 17:58

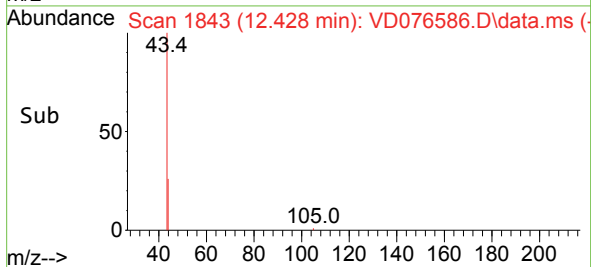
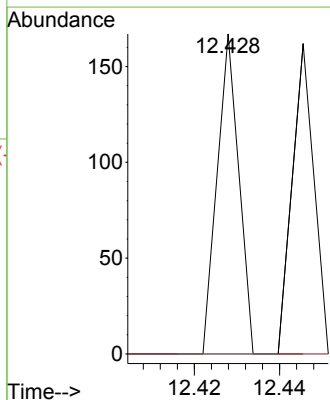
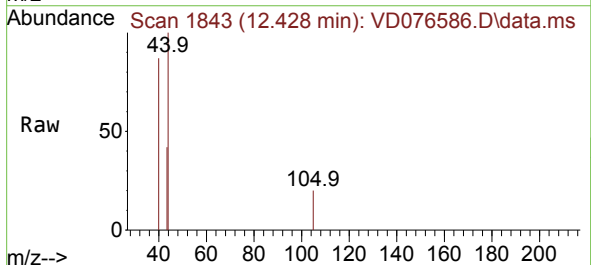
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0RE

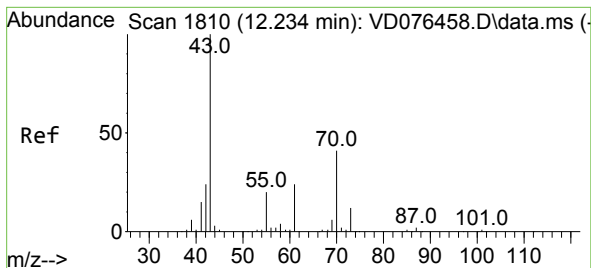
Tgt Ion:152 Resp: 489
 Ion Ratio Lower Upper
 152 100
 115 28.0 27.1 81.3
 150 150.7 0.0 353.6



#73
 Isopropylbenzene
 Concen: 1.792 ug/l
 RT: 12.428 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: VD076586.D
 Acq: 26 Jun 2023 17:58

Tgt Ion:105 Resp: 59
 Ion Ratio Lower Upper
 105 100
 120 0.0 14.3 42.9#





#74

N-amy1 acetate

Concen: 5.706 ug/l

RT: 12.240 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VD076586.D

Acq: 26 Jun 2023 17:58

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0RE

Tgt Ion: 43 Resp: 55

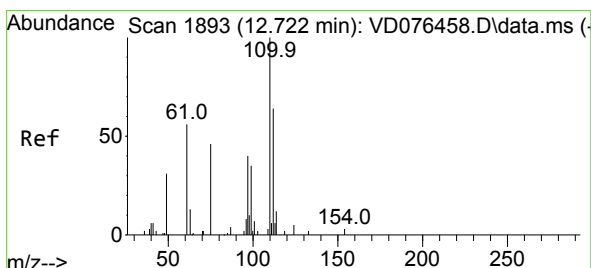
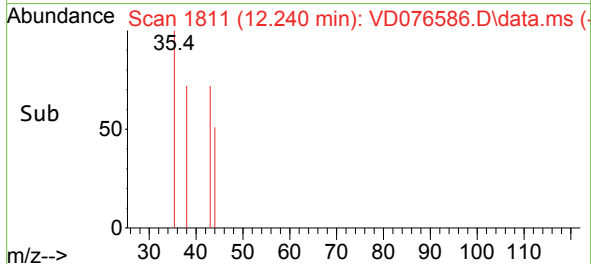
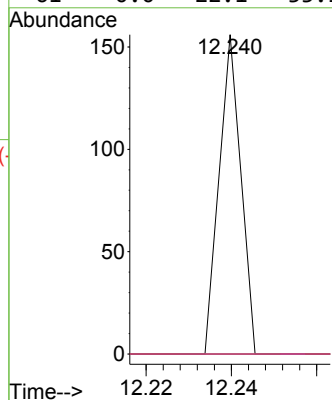
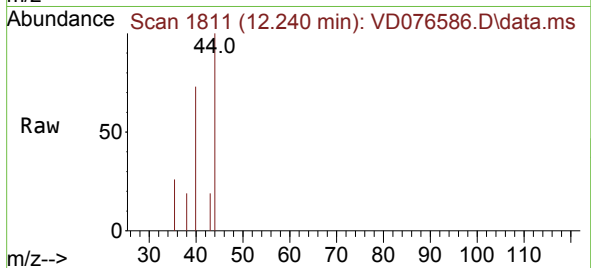
Ion Ratio Lower Upper

43 100

70 0.0 45.0 67.4#

55 0.0 23.8 35.6#

61 0.0 22.1 33.1#



#76

1,2,3-Trichloropropane

Concen: 28.435 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD076586.D

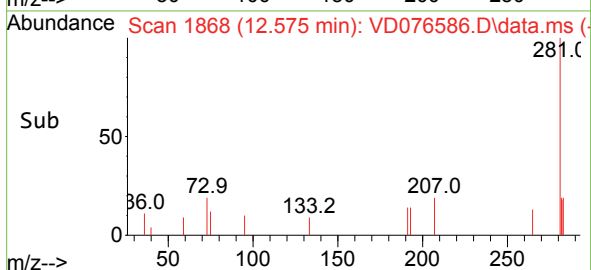
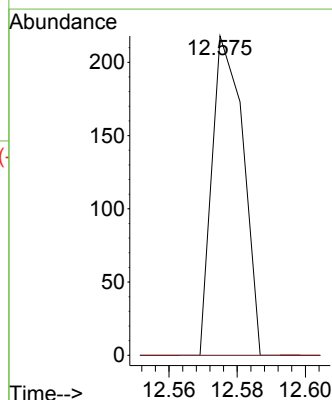
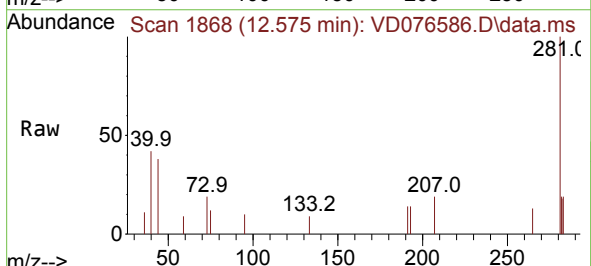
Acq: 26 Jun 2023 17:58

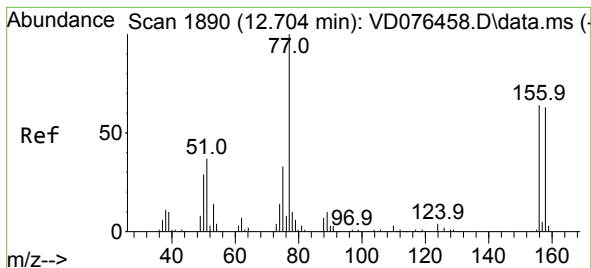
Tgt Ion: 75 Resp: 138

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 8.618 ug/l

RT: 12.722 min Scan# 1890

Delta R.T. 0.018 min

Lab File: VD076586.D

Acq: 26 Jun 2023 17:58

Instrument :

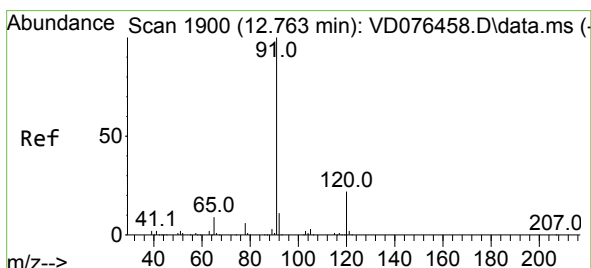
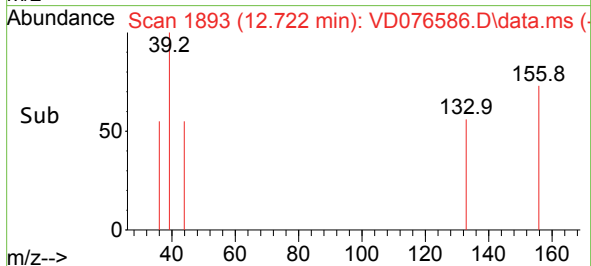
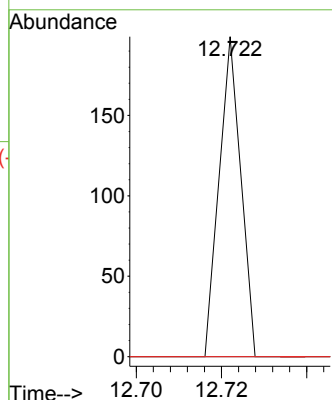
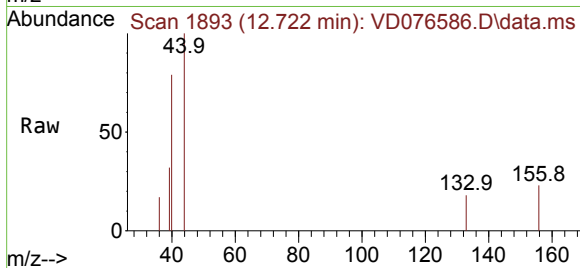
MSVOA_D

ClientSampleId :

SB-05-0-2.0RE

Tgt Ion:156 Resp: 70

Ion	Ratio	Lower	Upper
156	100		
77	0.0	76.8	230.4#
158	0.0	48.6	145.9#



#78

n-propylbenzene

Concen: 7.749 ug/l

RT: 12.763 min Scan# 1900

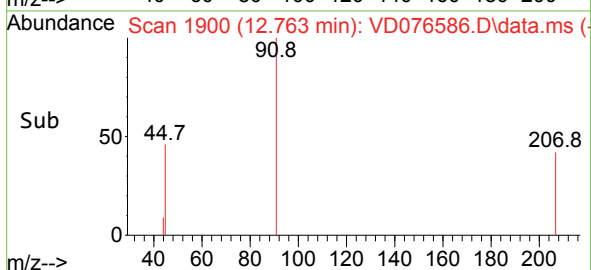
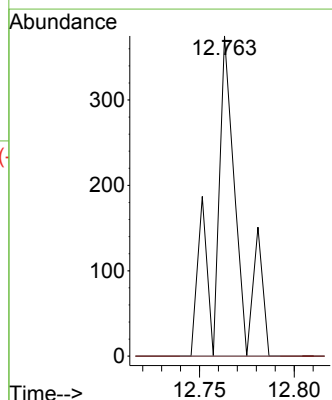
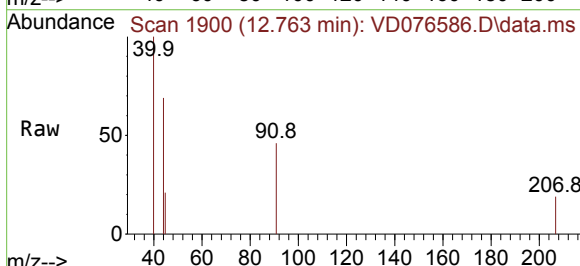
Delta R.T. 0.000 min

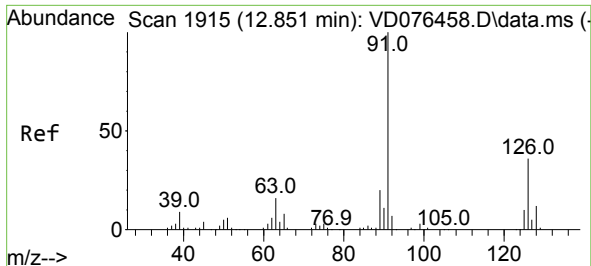
Lab File: VD076586.D

Acq: 26 Jun 2023 17:58

Tgt Ion: 91 Resp: 315

Ion	Ratio	Lower	Upper
91	100		
120	0.0	12.4	37.2#

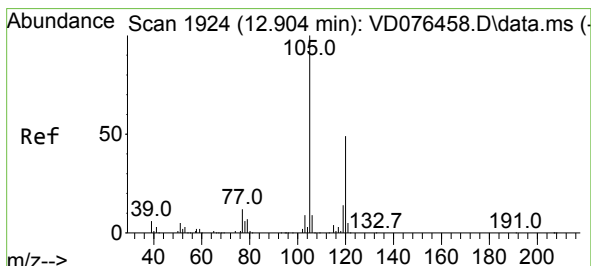
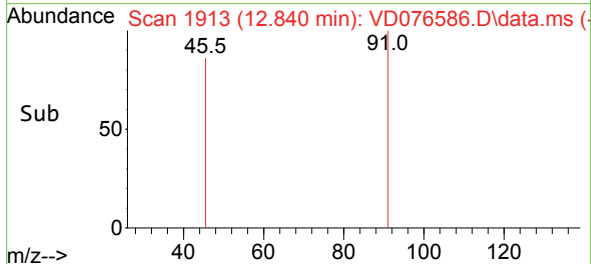
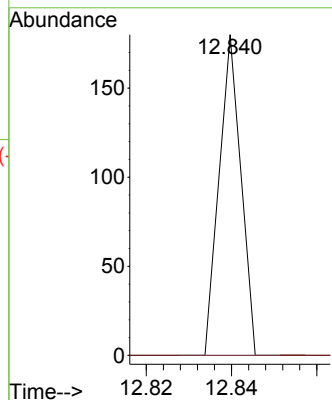
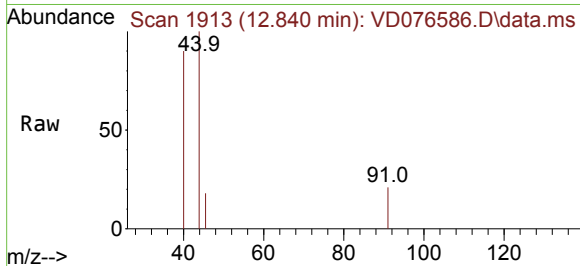




#79
2-Chlorotoluene
Concen: 2.822 ug/l
RT: 12.840 min Scan# 1913
Delta R.T. -0.012 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

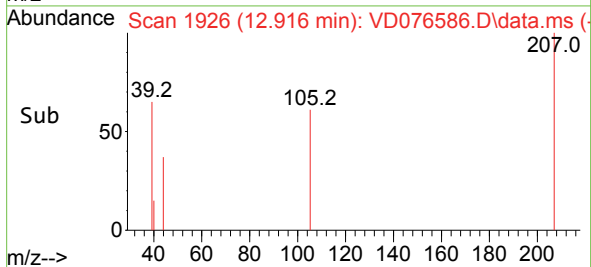
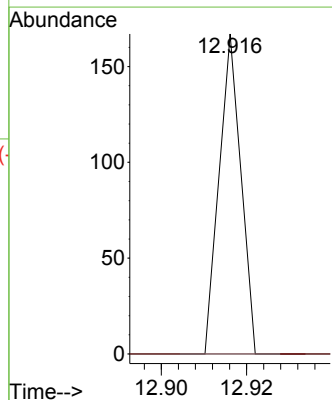
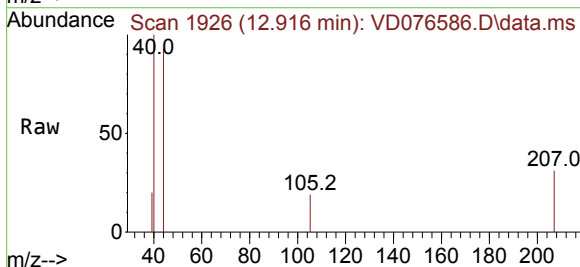
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

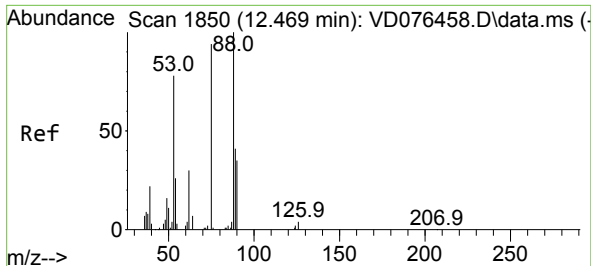
Tgt Ion: 91 Resp: 63
Ion Ratio Lower Upper
91 100
126 0.0 19.4 58.1#



#80
1,3,5-Trimethylbenzene
Concen: 2.194 ug/l
RT: 12.916 min Scan# 1926
Delta R.T. 0.012 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 105 Resp: 59
Ion Ratio Lower Upper
105 100
120 0.0 26.4 79.2#

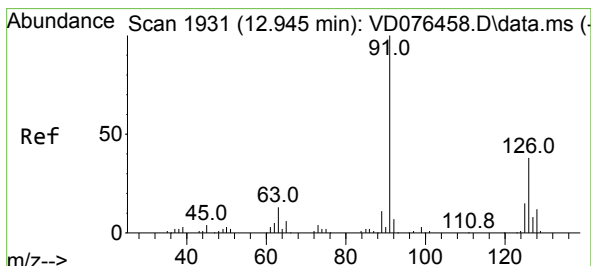
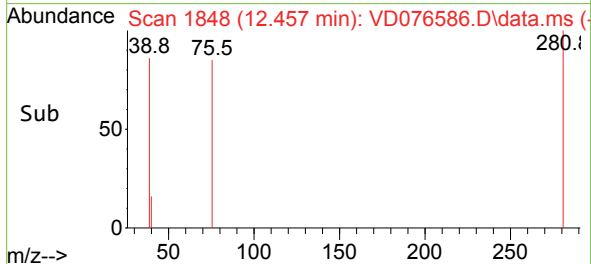
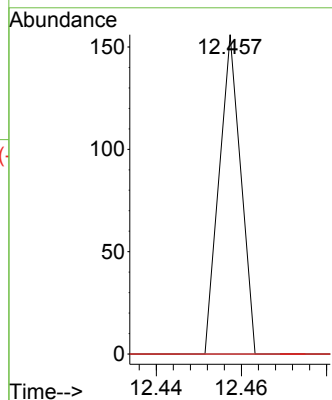
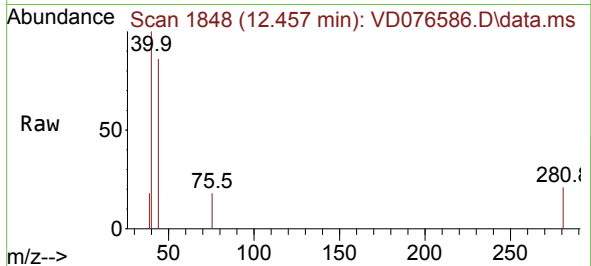




#81
trans-1,4-Dichloro-2-butene
Concen: 24.833 ug/l
RT: 12.457 min Scan# 1848
Delta R.T. -0.012 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

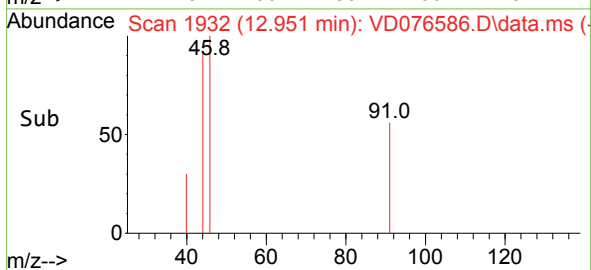
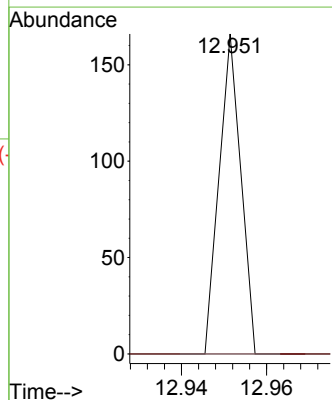
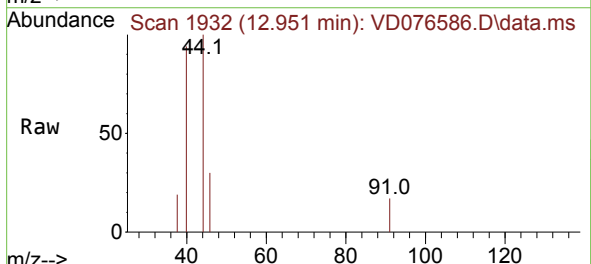
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

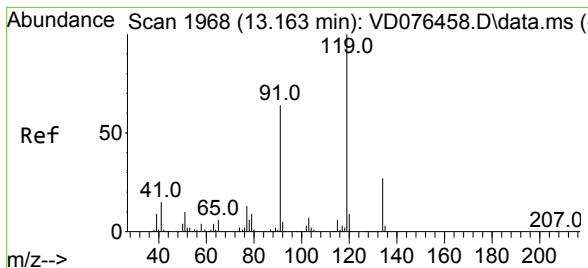
Tgt Ion: 75 Resp: 55
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#82
4-Chlorotoluene
Concen: 2.545 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 91 Resp: 59
Ion Ratio Lower Upper
91 100
126 0.0 19.4 58.4#





#83

tert-Butylbenzene

Concen: 2.721 ug/l

RT: 12.898 min Scan# 1923

Delta R.T. -0.265 min

Lab File: VD076586.D

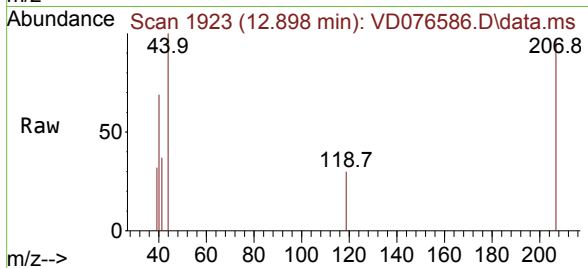
Acq: 26 Jun 2023 17:58

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0RE



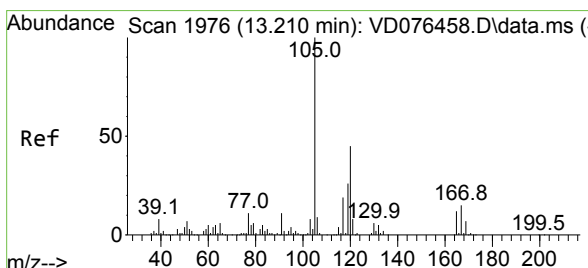
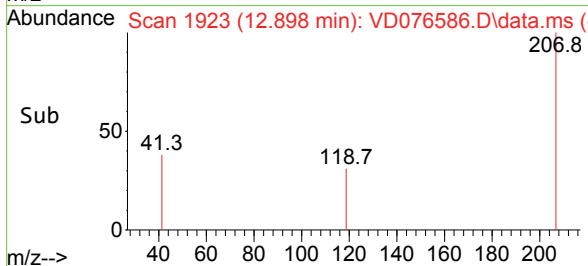
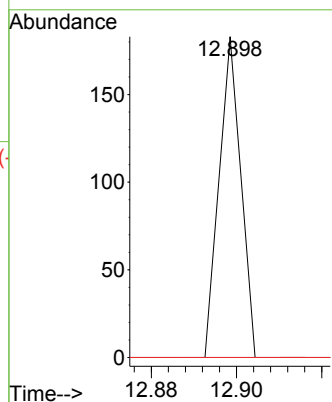
Tgt Ion:119 Resp: 65

Ion Ratio Lower Upper

119 100

91 0.0 29.3 87.8#

134 0.0 14.1 42.3#



#84

1,2,4-Trimethylbenzene

Concen: 2.436 ug/l

RT: 13.198 min Scan# 1974

Delta R.T. -0.012 min

Lab File: VD076586.D

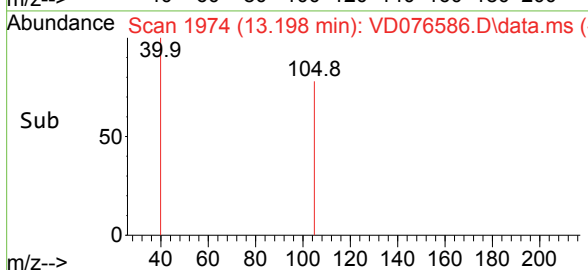
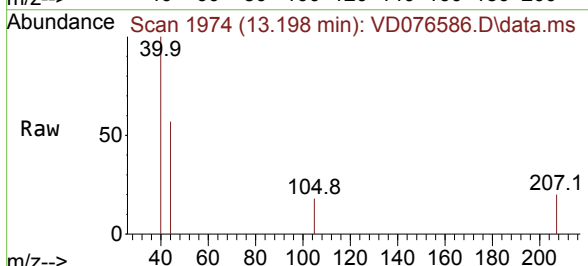
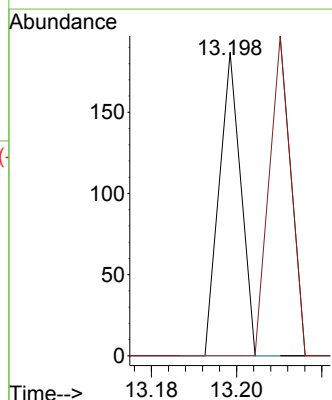
Acq: 26 Jun 2023 17:58

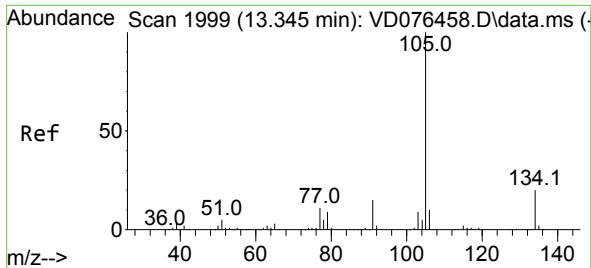
Tgt Ion:105 Resp: 66

Ion Ratio Lower Upper

105 100

120 106.1 24.3 72.9#

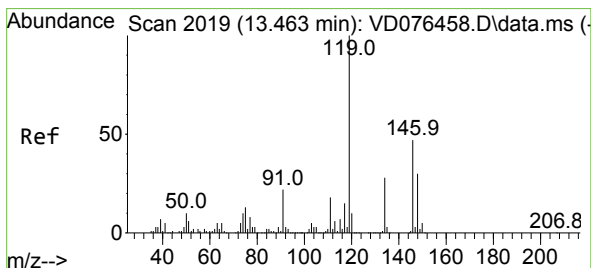
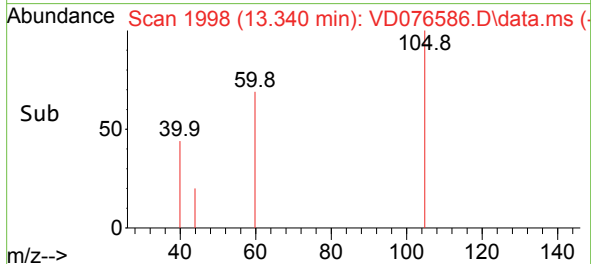
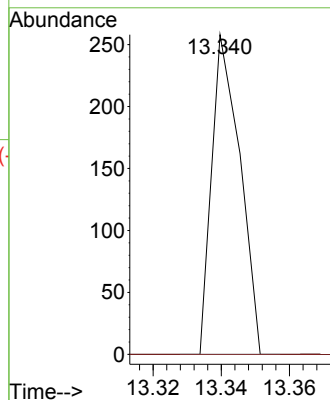
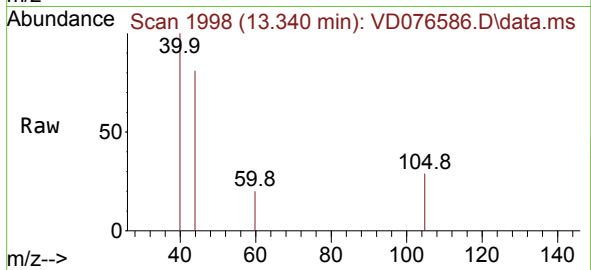




#85
 sec-Butylbenzene
 Concen: 4.175 ug/l
 RT: 13.340 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: VD076586.D
 Acq: 26 Jun 2023 17:58

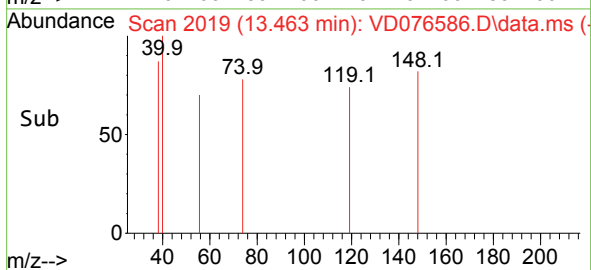
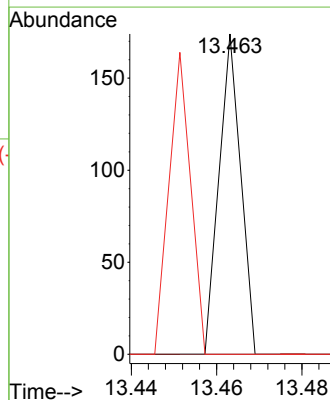
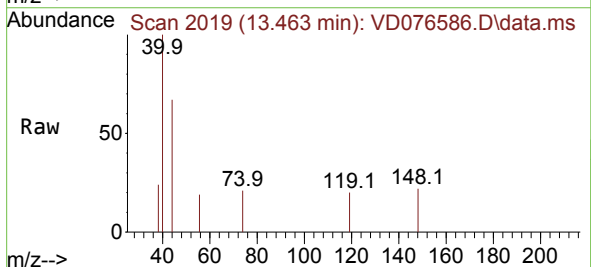
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-05-0-2.0RE

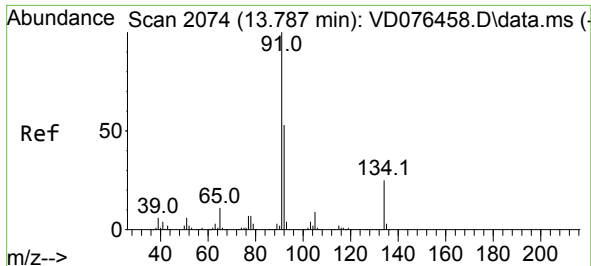
Tgt Ion:105 Resp: 148
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.9 32.9#



#86
 p-Isopropyltoluene
 Concen: 2.059 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076586.D
 Acq: 26 Jun 2023 17:58

Tgt Ion:119 Resp: 61
 Ion Ratio Lower Upper
 119 100
 134 0.0 14.2 42.6#
 91 95.1 10.5 31.5#

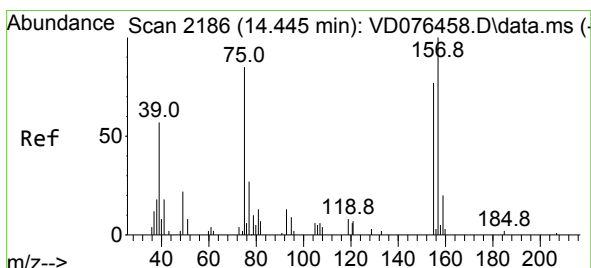
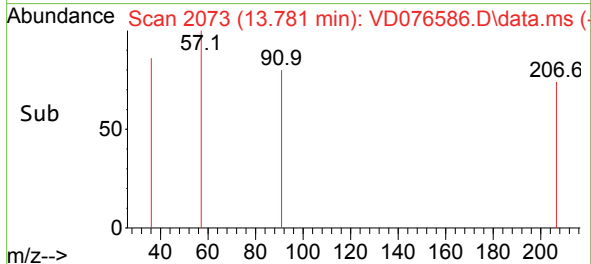
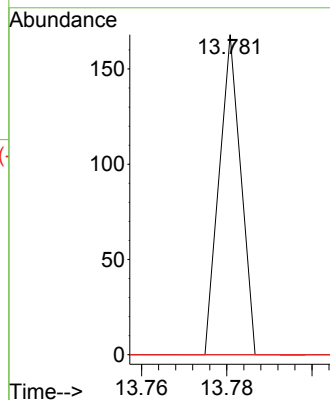
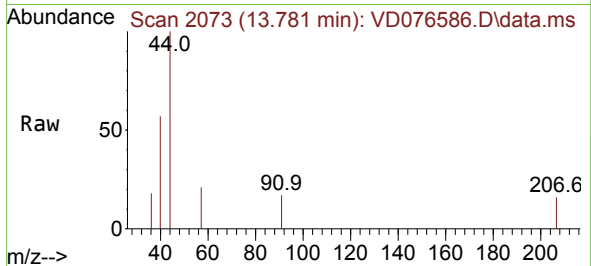




#89
n-Butylbenzene
Concen: 2.042 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

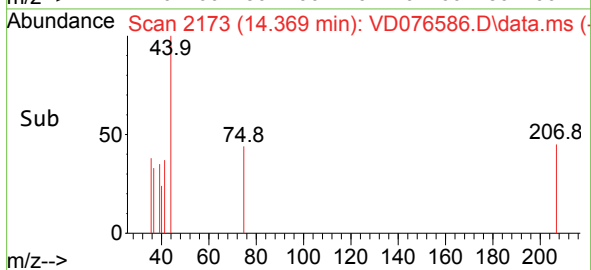
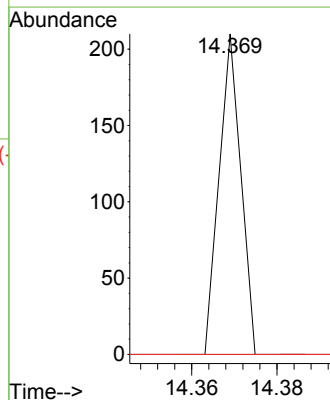
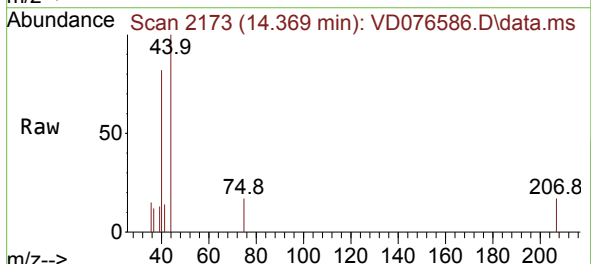
Instrument :
MSVOA_D
ClientSampleId :
SB-05-0-2.0RE

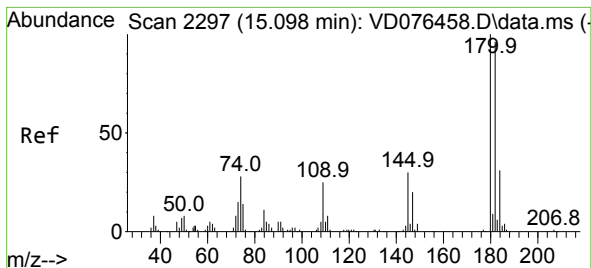
Tgt Ion: 91	Resp:	59
Ion	Ratio	Lower Upper
91	100	
92	0.0	26.5 79.5#
134	0.0	13.8 41.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 72.366 ug/l
RT: 14.369 min Scan# 2173
Delta R.T. -0.076 min
Lab File: VD076586.D
Acq: 26 Jun 2023 17:58

Tgt Ion: 75	Resp:	74
Ion	Ratio	Lower Upper
75	100	
155	0.0	47.9 143.8#
157	0.0	59.9 179.7#





#93

1,2,4-Trichlorobenzene

Concen: 15.067 ug/l

RT: 15.087 min Scan# 2295

Delta R.T. -0.012 min

Lab File: VD076586.D

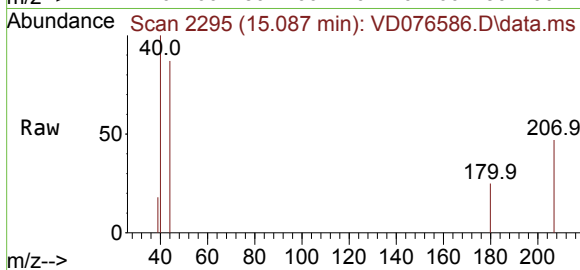
Acq: 26 Jun 2023 17:58

Instrument :

MSVOA_D

ClientSampleId :

SB-05-0-2.0RE



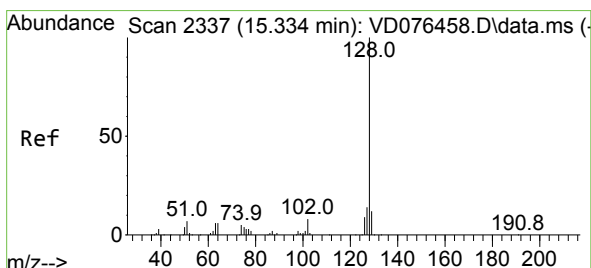
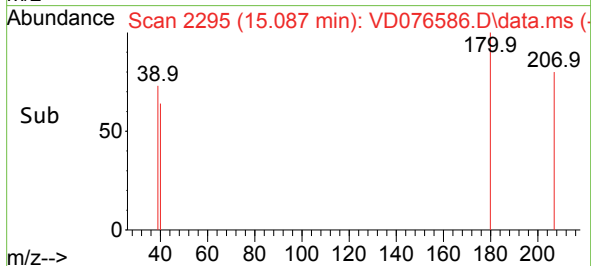
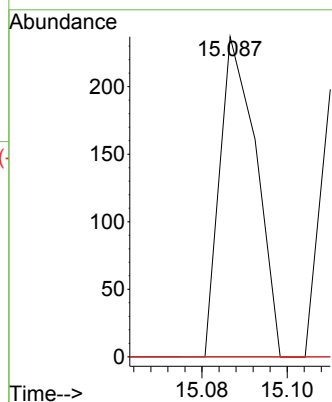
Tgt Ion:180 Resp: 140

Ion Ratio Lower Upper

180 100

182 0.0 48.5 145.6#

145 0.0 14.2 42.6#



#95

Naphthalene

Concen: 44.133 ug/l

RT: 15.340 min Scan# 2338

Delta R.T. 0.006 min

Lab File: VD076586.D

Acq: 26 Jun 2023 17:58

Tgt Ion:128 Resp: 820

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 31.0 8.7 13.1#

