

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074837.D
 Acq On : 09 Nov 2022 19:23
 Operator : VA/SY
 Sample : N5511-05
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-05-110722

Quant Time: Nov 10 00:37:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	220793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	393579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	219012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.527	152	214975	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.233	65	59211	33.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.720%
35) Dibromofluoromethane	7.810	113	92222	39.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.220%
50) Toluene-d8	10.275	98	514100	60.536	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.080%
62) 4-Bromofluorobenzene	12.569	95	651576	265.726	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	531.460%#
Target Compounds						
					Qvalue	
6) Chloroethane	2.834	64	3215	1.462	ug/l #	82
10) Methyl Iodide	4.169	142	614	5.736	ug/l #	69
11) Tert butyl alcohol	5.045	59	1111	Below Cal	#	84
13) Acrolein	3.757	56	3434	28.532	ug/l #	1
14) Allyl chloride	4.663	41	23891	9.493	ug/l #	55
15) Acrylonitrile	5.334	53	127412	299.373	ug/l #	39
16) Acetone	4.010	43	115947	317.726	ug/l #	54
20) Methylene Chloride	4.798	84	22471	Below Cal	#	1
25) 2-Butanone	7.081	43	57380	114.357	ug/l #	45
29) Tetrahydrofuran	7.445	42	8952	31.109	ug/l #	23
30) Chloroform	7.563	83	594018	139.954	ug/l #	18
31) Cyclohexane	7.863	56	2751580	777.170	ug/l #	48
37) Ethyl Acetate	7.081	43	57380	48.674	ug/l #	73
38) Carbon Tetrachloride	7.875	117	21419	6.397	ug/l #	17
39) Methylcyclohexane	9.281	83	4715760	1096.799	ug/l	96
41) Methacrylonitrile	7.451	41	88833	121.483	ug/l #	32
42) 1,2-Dichloroethane	8.375	62	7806	3.251	ug/l #	1
43) Isopropyl Acetate	8.363	43	668483	304.753	ug/l #	44
45) 1,2-Dichloropropane	9.281	63	58010	25.111	ug/l #	1
46) Dibromomethane	9.416	93	1546	1.155	ug/l #	1
47) Bromodichloromethane	9.575	83	932714	289.390	ug/l #	28
48) Methyl methacrylate	9.422	41	177751	181.845	ug/l #	16
51) 4-Methyl-2-Pentanone	10.210	43	635729	597.644	ug/l #	76
52) Toluene	10.339	92	113743	17.785	ug/l	98
55) 1,1,2-Trichloroethane	10.716	97	2325215	1278.497	ug/l #	23
56) Ethyl methacrylate	10.651	69	256801	126.291	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.857	63	36947	84.307	ug/l #	42
59) 2-Hexanone	10.898	43	1827533	2497.560	ug/l #	24
60) Dibromochloromethane	11.310	129	5734	2.641	ug/l	76
61) 1,2-Dibromoethane	11.163	107	21018	12.263	ug/l #	1
65) Chlorobenzene	11.486	112	84488	19.480	ug/l #	62
67) Ethyl Benzene	11.692	91	4003816	520.921	ug/l	98
68) m/p-Xylenes	11.792	106	11222797	3677.878	ug/l	79
69) o-Xylene	12.145	106	16483187	5875.765	ug/l #	1
70) Styrene	12.133	104	914137	192.341	ug/l #	1
73) Isopropylbenzene	12.427	105	15892055	1011.843	ug/l	87

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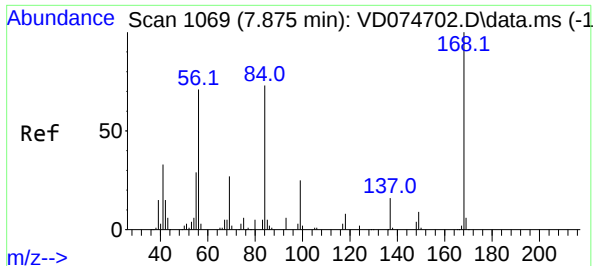
Instrument :
 MSVOA_D
 ClientSampleId :
 PL-05-110722

Quant Time: Nov 10 00:37:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

74) N-amyl acetate	12.222	43	2320712	909.697	ug/l #	67
75) 1,1,2,2-Tetrachloroethane	12.633	83	439809	166.647	ug/l #	1
76) 1,2,3-Trichloropropane	12.774	75	137779	82.676	ug/l #	1
77) Bromobenzene	12.692	156	11835	3.273	ug/l #	1
78) n-propylbenzene	12.769	91	19255217	1023.379	ug/l	80
79) 2-Chlorotoluene	12.833	91	3318765	327.572	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.822	105	3131070	244.346	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.427	75	184051	262.162	ug/l #	36
82) 4-Chlorotoluene	12.927	91	2226469	211.285	ug/l #	37
83) tert-Butylbenzene	13.210	119	4097769	362.876	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.204	105	19104944	1511.004	ug/l	77
85) sec-Butylbenzene	13.351	105	9883435	580.124	ug/l #	38
86) p-Isopropyltoluene	13.469	119	5705867	397.668	ug/l	97
89) n-Butylbenzene	13.798	91	18600168	1417.416	ug/l #	75
90) Hexachloroethane	14.074	117	3302148	1342.355	ug/l #	11
91) 1,2-Dichlorobenzene	13.880	146	6795	1.064	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.427	75	111068	304.449	ug/l #	1
95) Naphthalene	15.327	128	7082360	935.017	ug/l	98

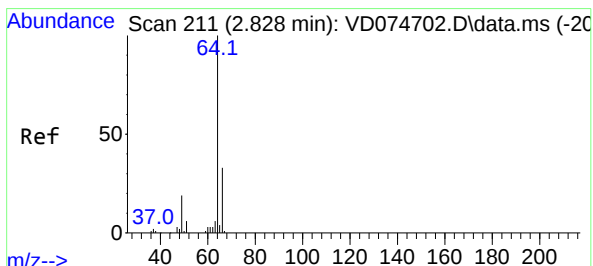
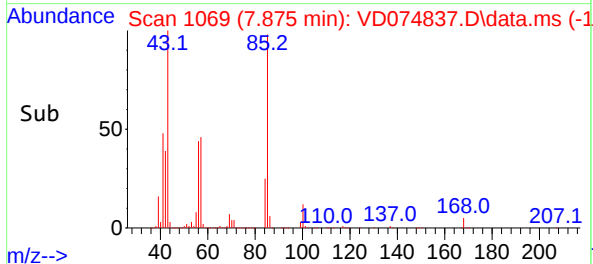
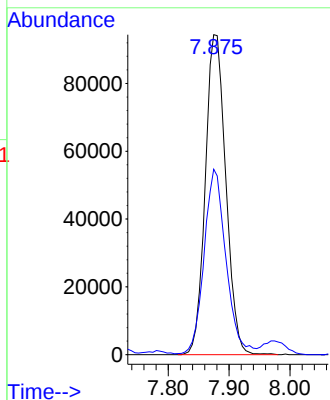
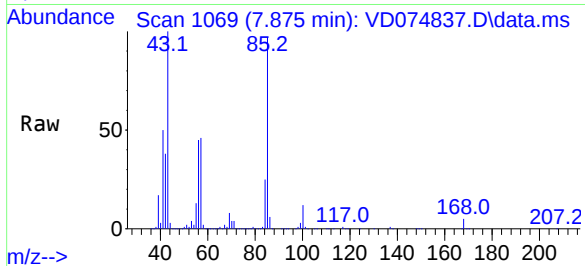
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

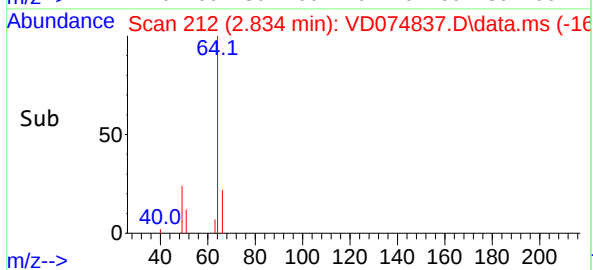
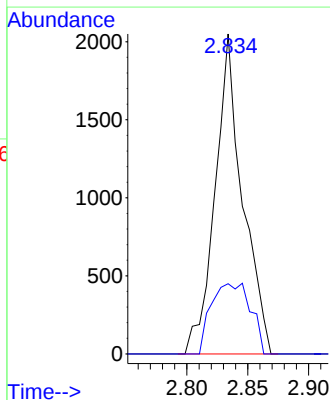
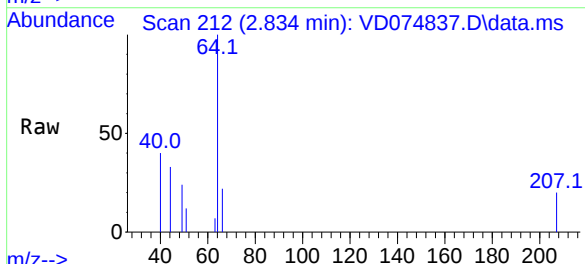
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

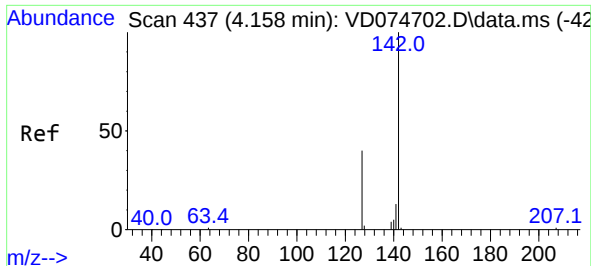
Tgt Ion:168 Resp: 220793
Ion Ratio Lower Upper
168 100
99 57.6 40.9 61.3



#6
Chloroethane
Concen: 1.462 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 64 Resp: 3215
Ion Ratio Lower Upper
64 100
66 22.0 25.8 38.8#

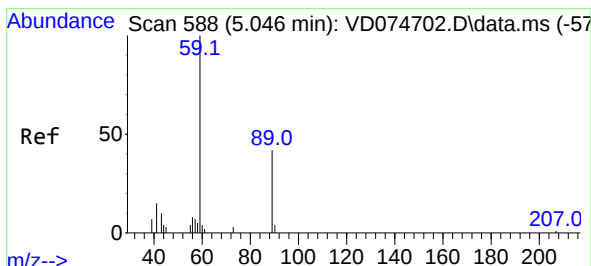
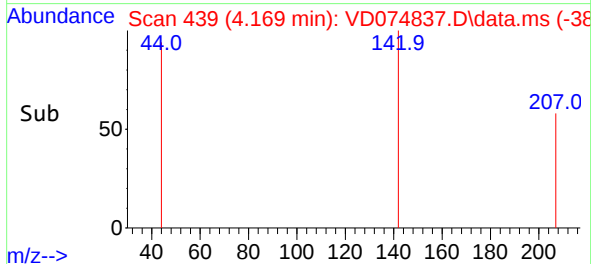
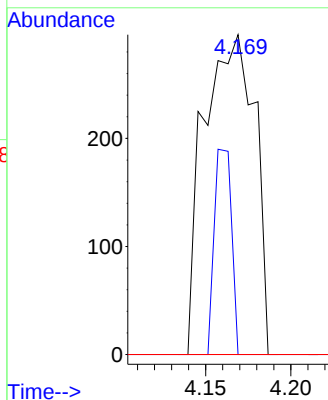
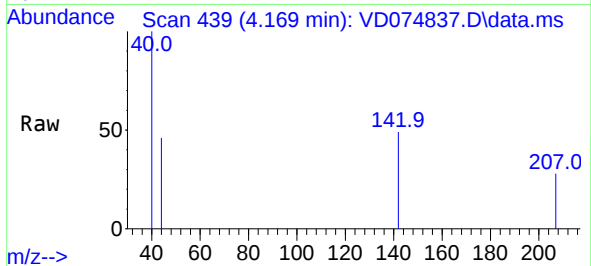




#10
Methyl Iodide
Concen: 5.736 ug/l
RT: 4.169 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

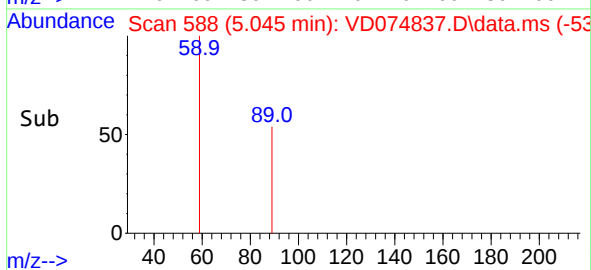
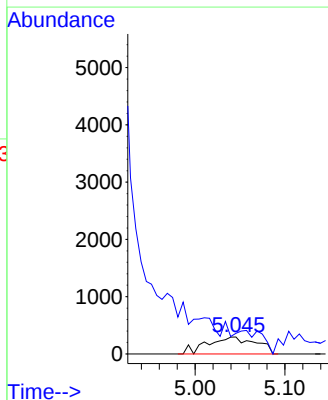
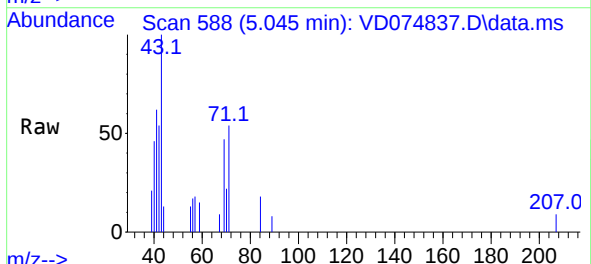
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

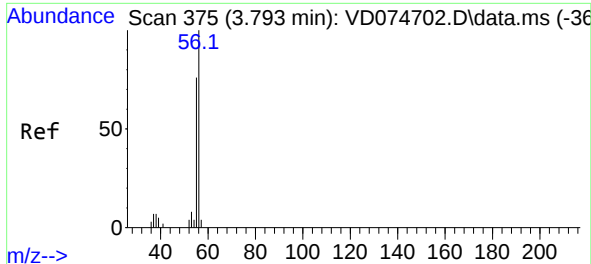
Tgt Ion:142 Resp: 614
Ion Ratio Lower Upper
142 100
127 21.7 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.045 min Scan# 588
Delta R.T. -0.001 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 59 Resp: 1111
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#





#13

Acrolein

Concen: 28.532 ug/l

RT: 3.757 min Scan# 3

Delta R.T. -0.036 min

Lab File: VD074837.D

Acq: 09 Nov 2022 19:23

Instrument :

MSVOA_D

ClientSampleId :

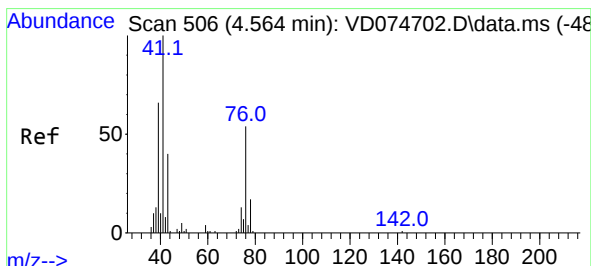
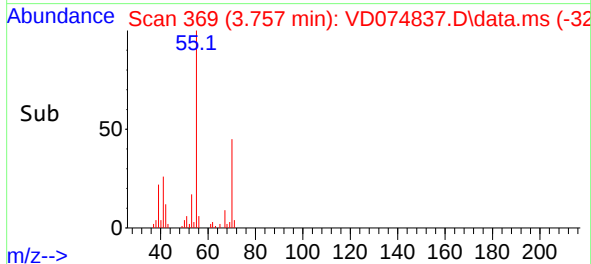
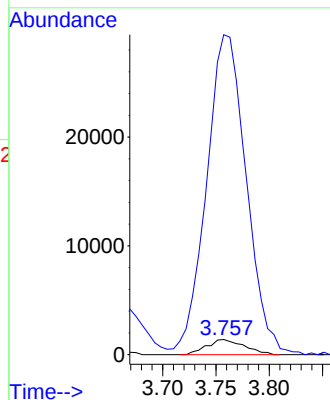
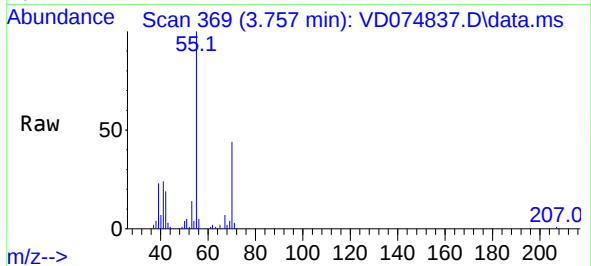
PL-05-110722

Tgt Ion: 56 Resp: 3434

Ion Ratio Lower Upper

56 100

55 2231.9 54.0 81.0#



#14

Allyl chloride

Concen: 9.493 ug/l

RT: 4.663 min Scan# 523

Delta R.T. 0.099 min

Lab File: VD074837.D

Acq: 09 Nov 2022 19:23

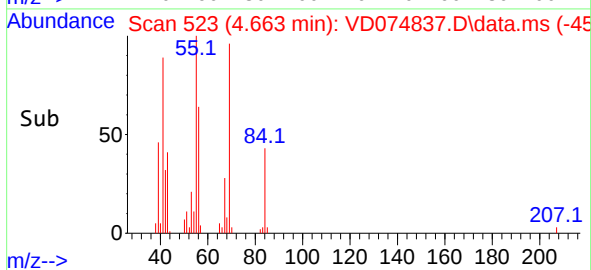
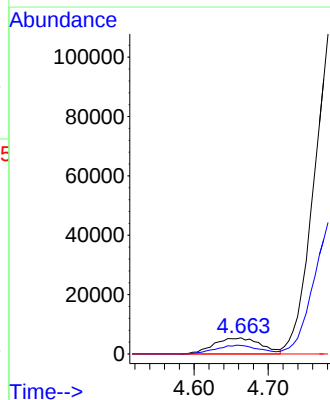
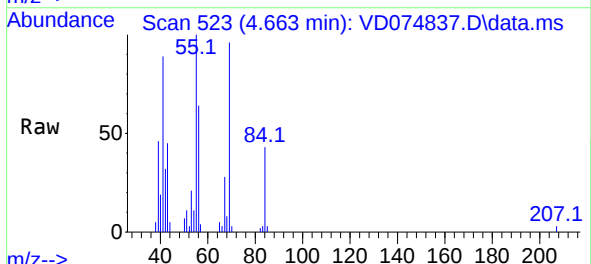
Tgt Ion: 41 Resp: 23891

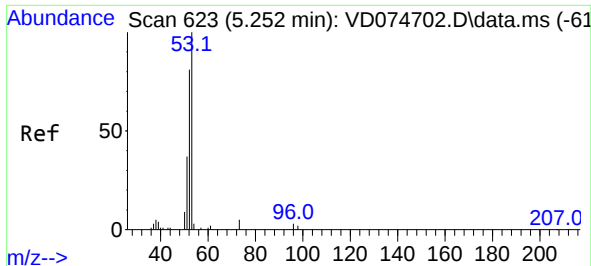
Ion Ratio Lower Upper

41 100

39 49.5 53.4 80.2#

76 0.0 42.4 63.6#

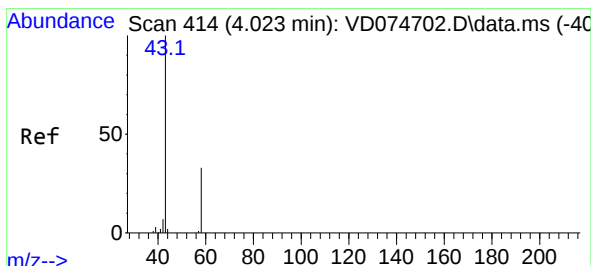
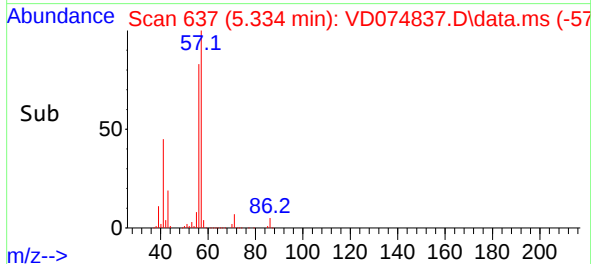
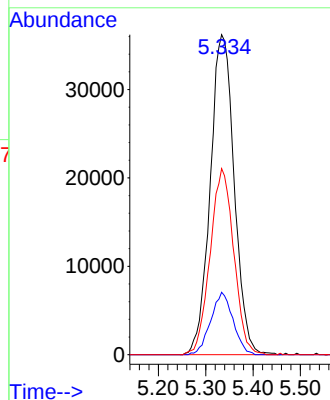
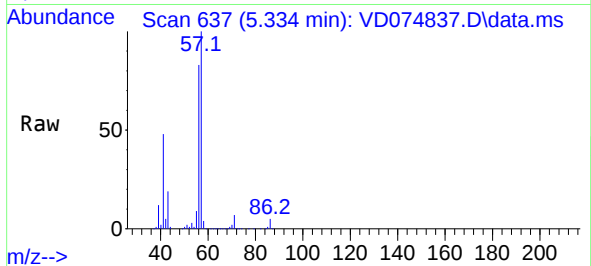




#15
Acrylonitrile
Concen: 299.373 ug/l
RT: 5.334 min Scan# 61
Delta R.T. 0.082 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

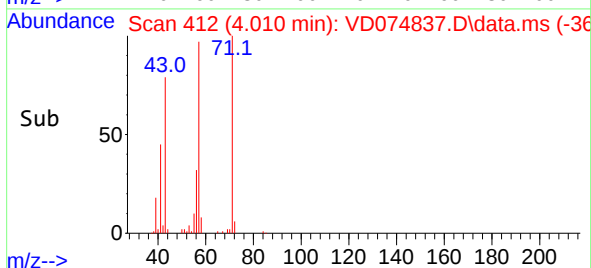
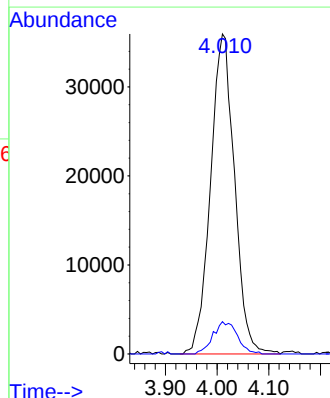
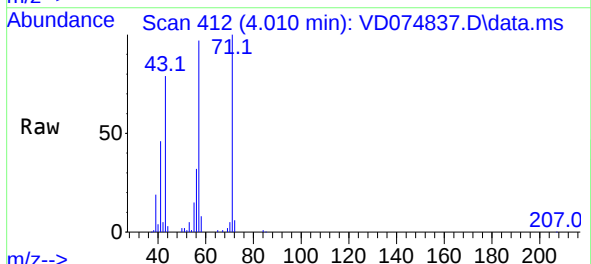
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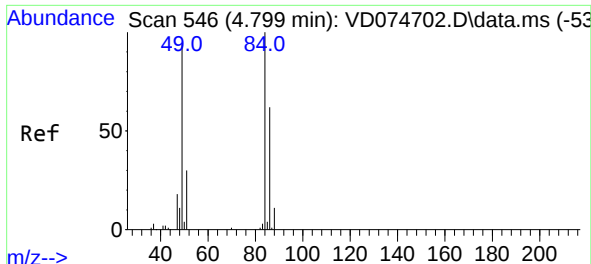
Tgt Ion: 53 Resp: 127412
Ion Ratio Lower Upper
53 100
52 18.2 66.0 99.0#
51 57.3 28.3 42.5#



#16
Acetone
Concen: 317.726 ug/l
RT: 4.010 min Scan# 412
Delta R.T. -0.013 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 43 Resp: 115947
Ion Ratio Lower Upper
43 100
58 10.1 30.2 45.2#

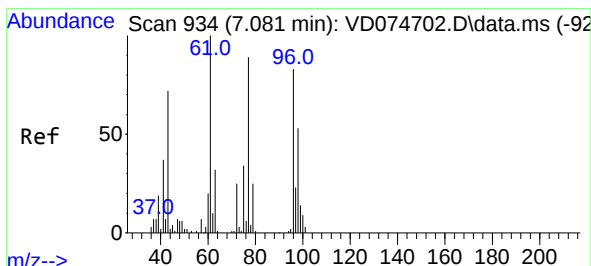
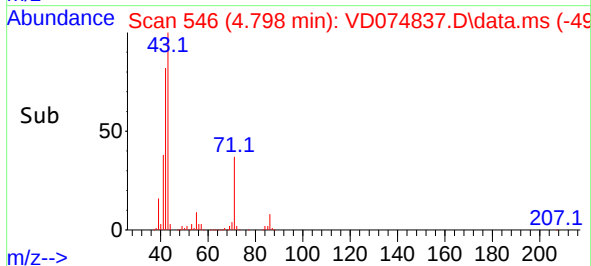
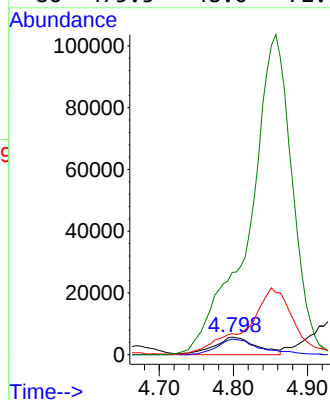
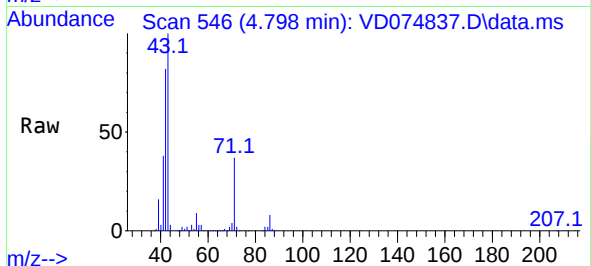




#20
Methylene Chloride
Concen: Below Cal
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

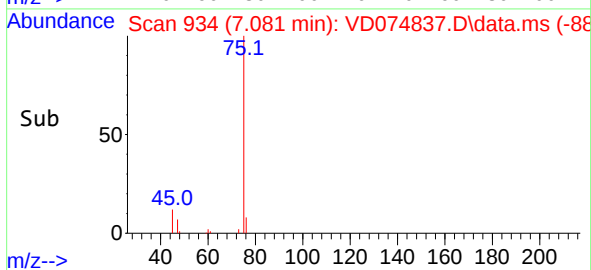
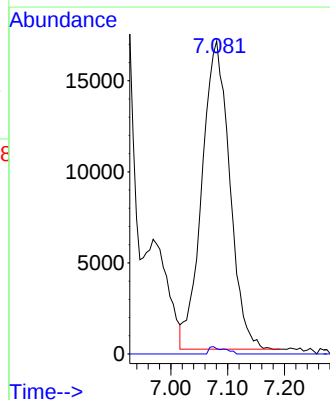
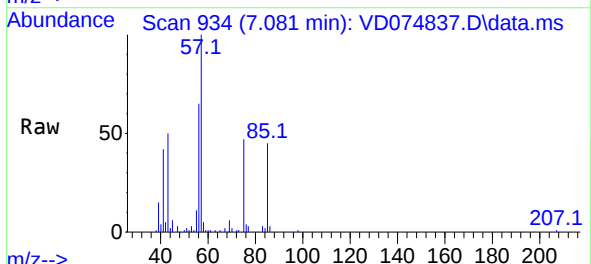
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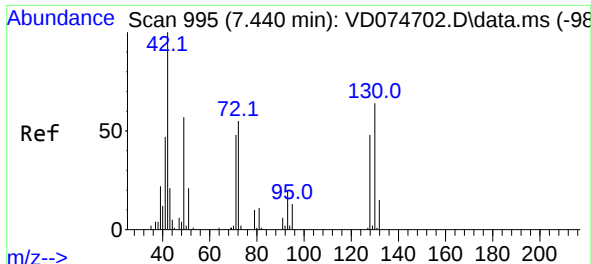
Tgt Ion:	84	Resp:	22471
Ion	Ratio	Lower	Upper
84	100		
49	92.7	68.0	102.0
51	121.8	23.2	34.8#
86	475.5	48.0	72.0#



#25
2-Butanone
Concen: 114.357 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion:	43	Resp:	57380
Ion	Ratio	Lower	Upper
43	100		
72	1.7	25.8	38.8#





#29

Tetrahydrofuran

Concen: 31.109 ug/l

RT: 7.445 min Scan# 995

Delta R.T. 0.005 min

Lab File: VD074837.D

Acq: 09 Nov 2022 19:23

Instrument :

MSVOA_D

ClientSampleId :

PL-05-110722

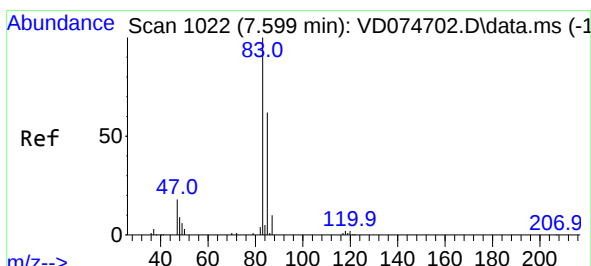
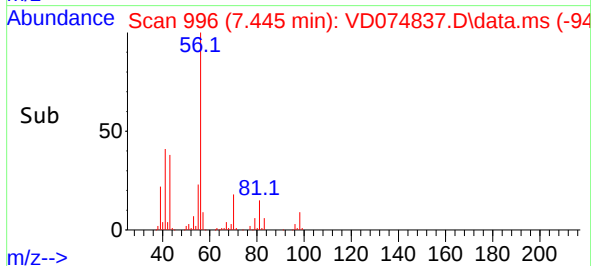
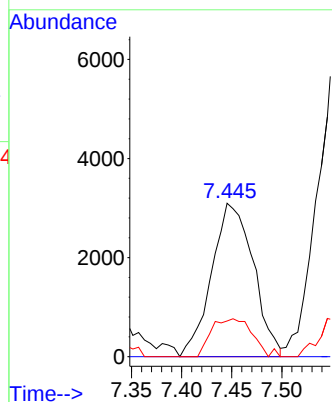
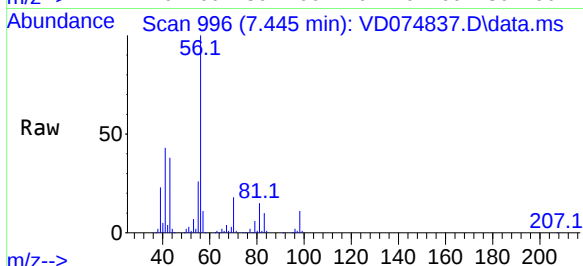
Tgt Ion: 42 Resp: 8952

Ion Ratio Lower Upper

42 100

72 0.0 45.8 68.6#

71 0.0 44.6 66.8#



#30

Chloroform

Concen: 139.954 ug/l

RT: 7.563 min Scan# 1016

Delta R.T. -0.036 min

Lab File: VD074837.D

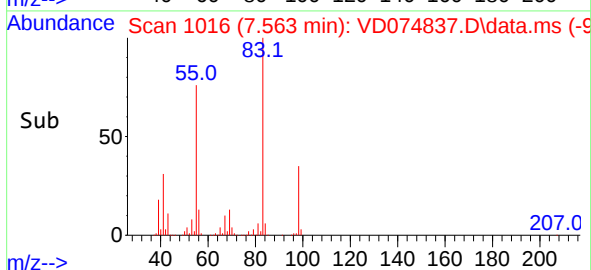
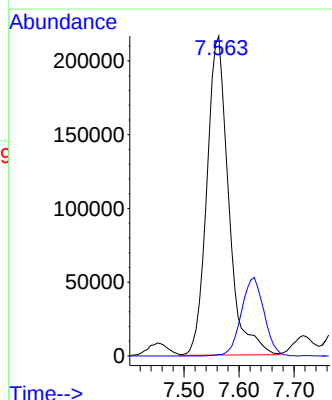
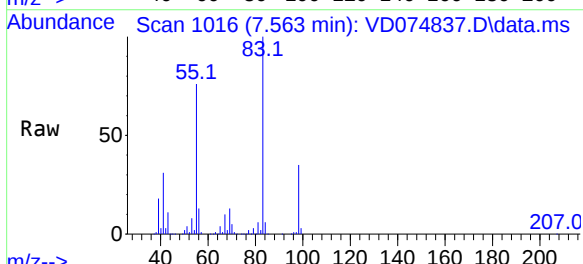
Acq: 09 Nov 2022 19:23

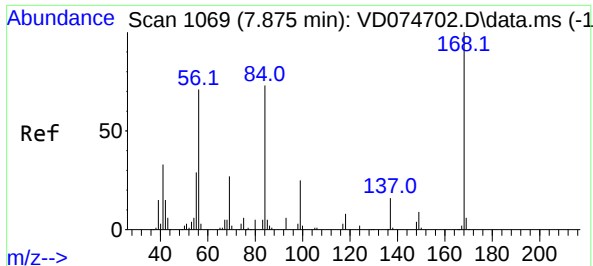
Tgt Ion: 83 Resp: 594018

Ion Ratio Lower Upper

83 100

85 0.4 52.0 78.0#

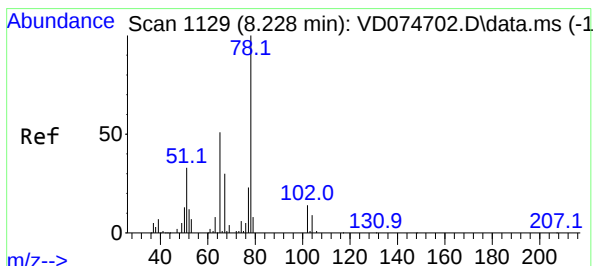
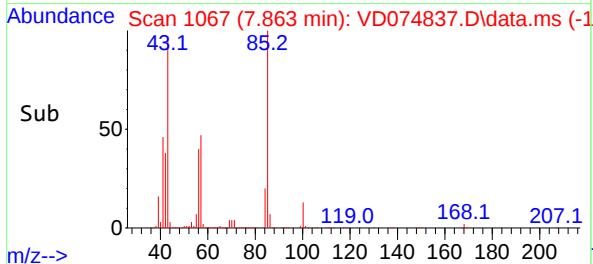
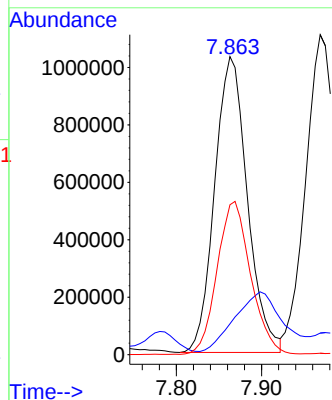
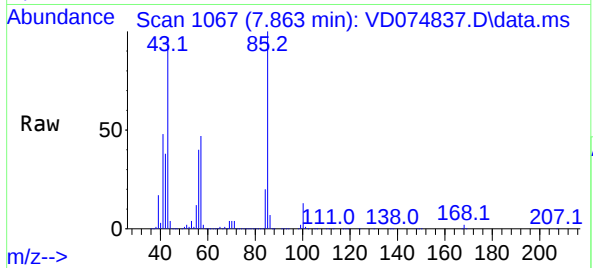




#31
Cyclohexane
Concen: 777.170 ug/l
RT: 7.863 min Scan# 110
Delta R.T. -0.012 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

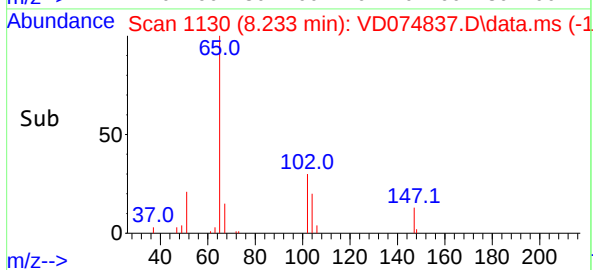
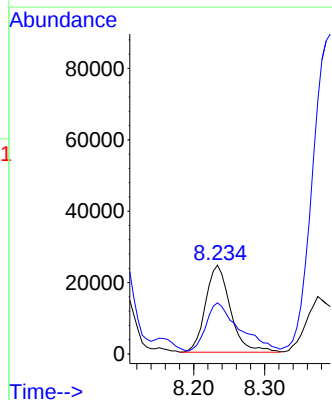
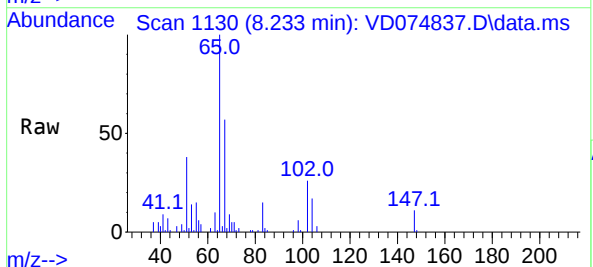
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

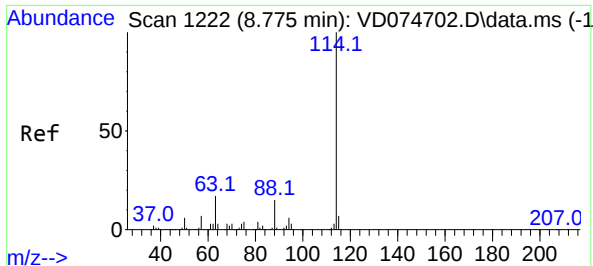
Tgt Ion: 56 Resp: 2751580
Ion Ratio Lower Upper
56 100
69 6.9 29.2 43.8#
84 50.6 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 33.860 ug/l
RT: 8.233 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 65 Resp: 59211
Ion Ratio Lower Upper
65 100
67 73.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074837.D

Acq: 09 Nov 2022 19:23

Instrument :

MSVOA_D

ClientSampleId :

PL-05-110722

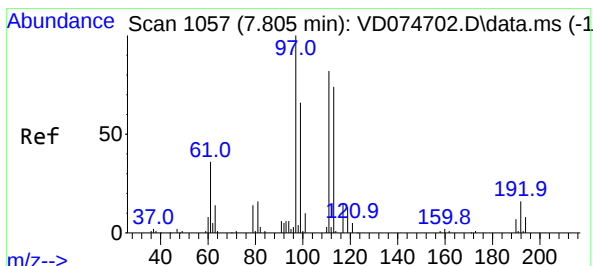
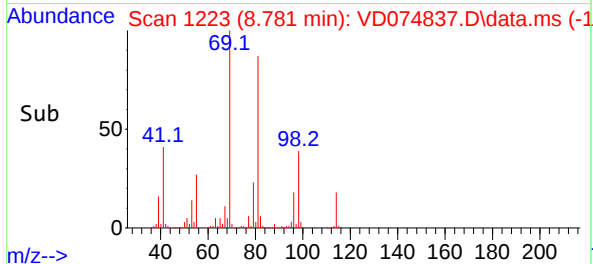
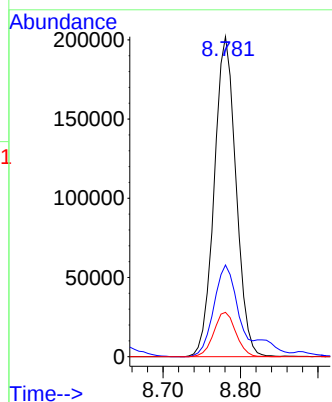
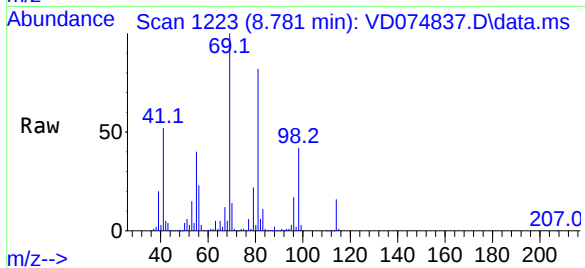
Tgt Ion:114 Resp: 393579

Ion Ratio Lower Upper

114 100

63 28.6 0.0 33.2

88 13.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 39.611 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074837.D

Acq: 09 Nov 2022 19:23

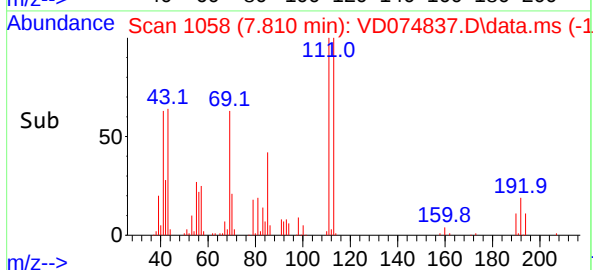
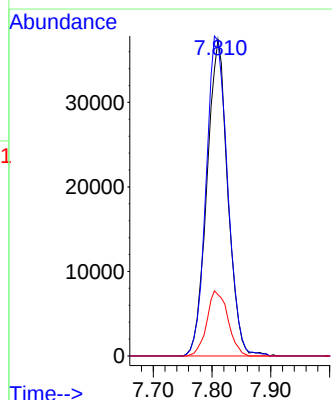
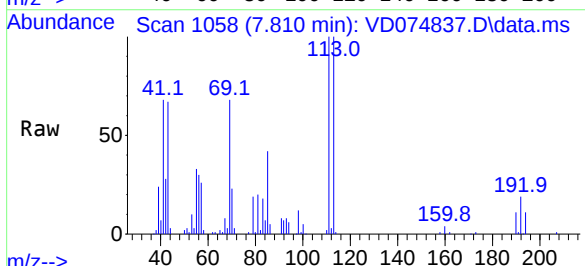
Tgt Ion:113 Resp: 92222

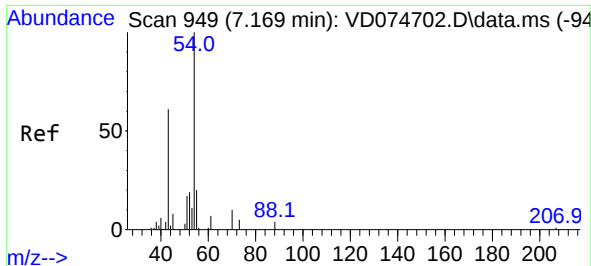
Ion Ratio Lower Upper

113 100

111 104.0 82.3 123.5

192 20.8 16.4 24.6

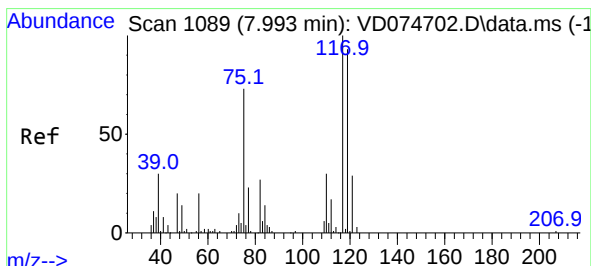
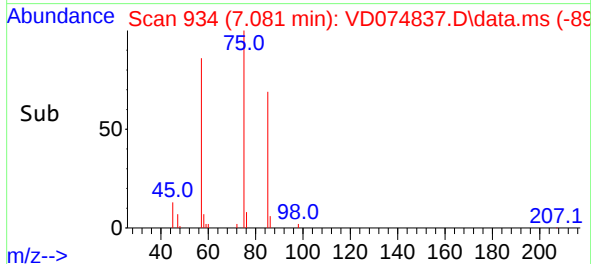
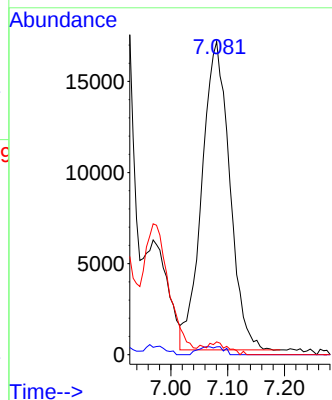
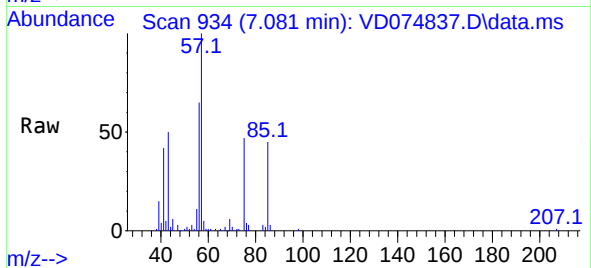




#37
Ethyl Acetate
Concen: 48.674 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.088 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

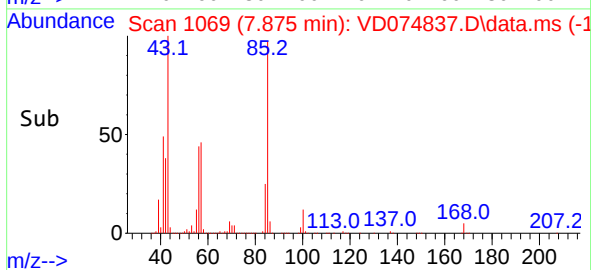
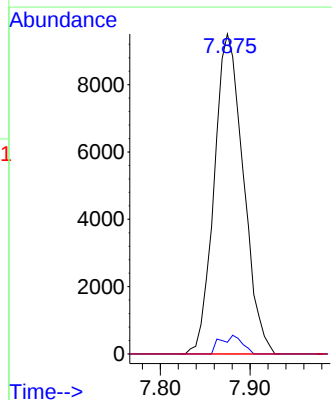
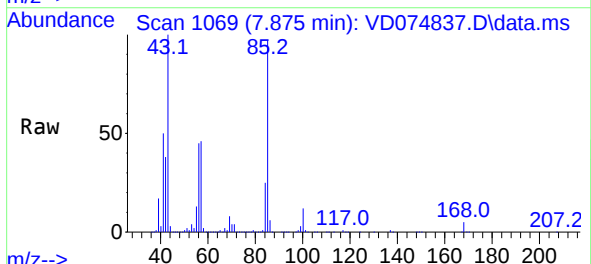
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

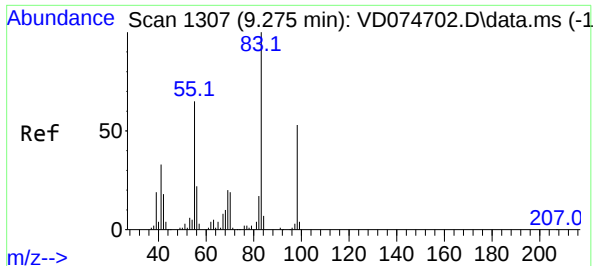
Tgt Ion: 43 Resp: 57380
Ion Ratio Lower Upper
43 100
61 2.3 12.2 18.4#
70 3.5 9.6 14.4#



#38
Carbon Tetrachloride
Concen: 6.397 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 117 Resp: 21419
Ion Ratio Lower Upper
117 100
119 3.6 73.1 109.7#
121 0.0 25.0 37.6#

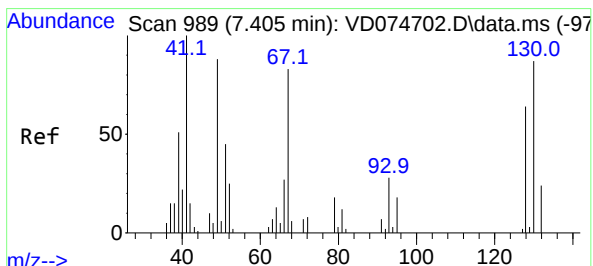
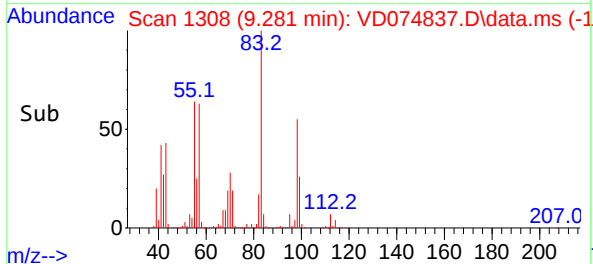
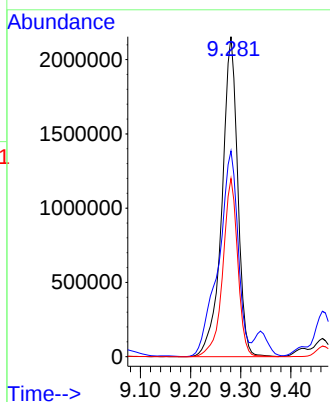
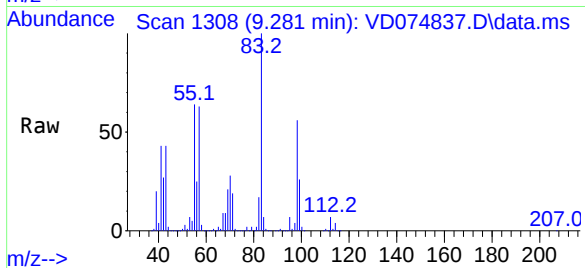




#39
Methylcyclohexane
Concen: 1096.799 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

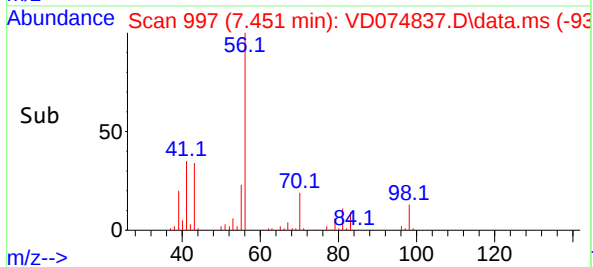
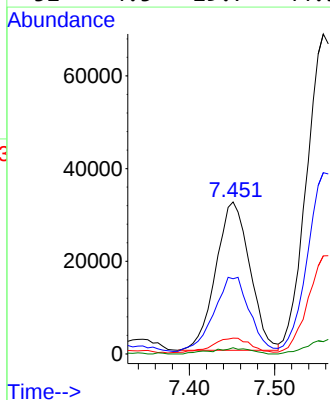
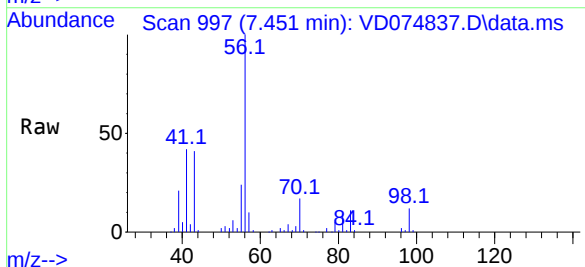
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

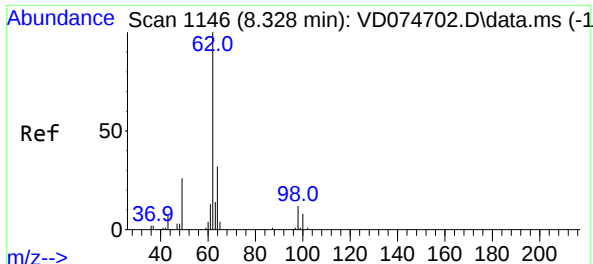
Tgt Ion: 83 Resp: 4715760
Ion Ratio Lower Upper
83 100
55 64.2 49.0 73.4
98 55.7 41.7 62.5



#41
Methacrylonitrile
Concen: 121.483 ug/l
RT: 7.451 min Scan# 997
Delta R.T. 0.046 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 41 Resp: 88833
Ion Ratio Lower Upper
41 100
39 52.1 35.0 52.6
67 0.0 77.0 115.6#
52 4.5 29.7 44.5#

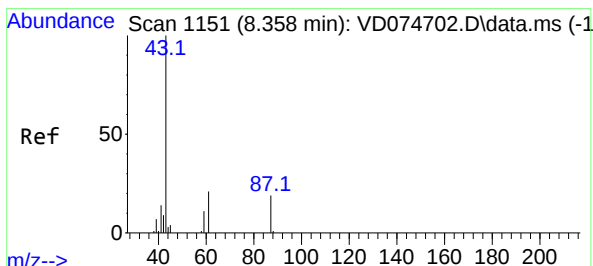
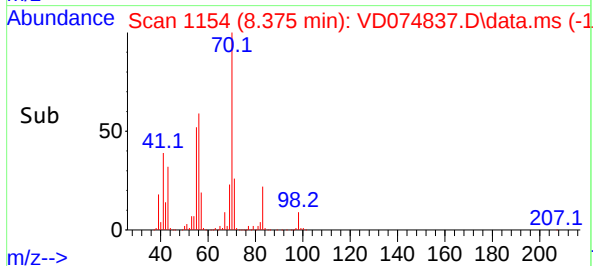
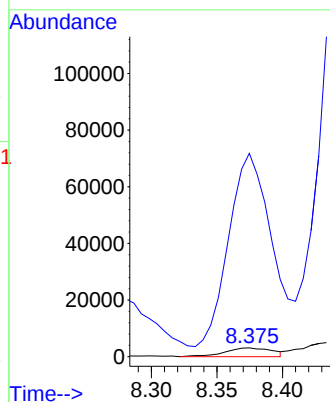
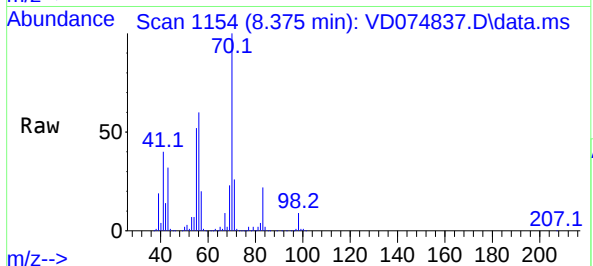




#42
1,2-Dichloroethane
Concen: 3.251 ug/l
RT: 8.375 min Scan# 1154
Delta R.T. 0.047 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

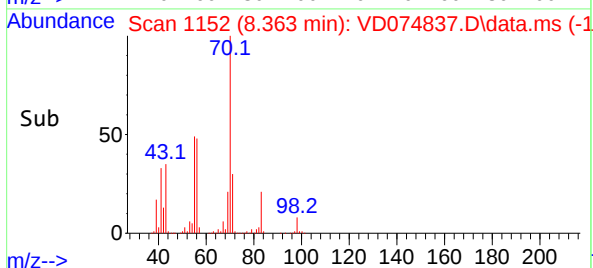
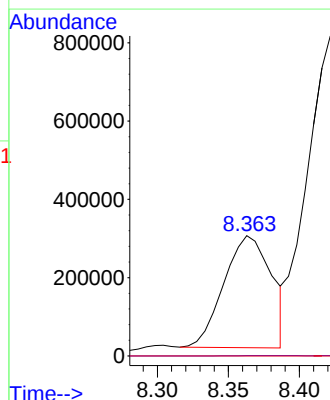
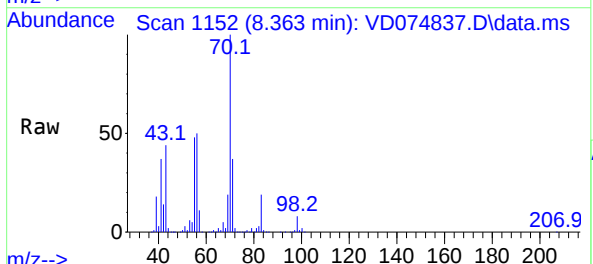
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

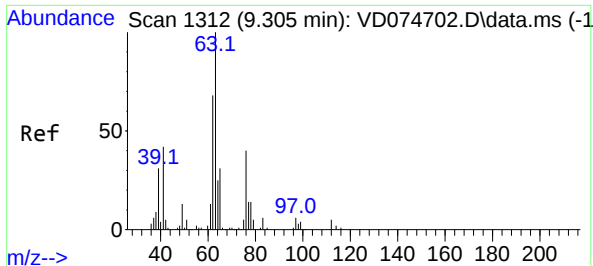
Tgt Ion: 62 Resp: 7806
Ion Ratio Lower Upper
62 100
98 2042.7 0.0 24.2#



#43
Isopropyl Acetate
Concen: 304.753 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.005 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 43 Resp: 668483
Ion Ratio Lower Upper
43 100
61 0.4 30.9 46.3#
87 0.0 14.3 21.5#

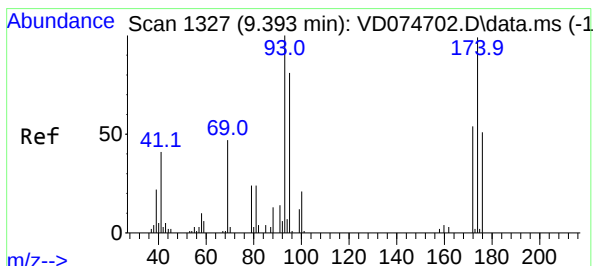
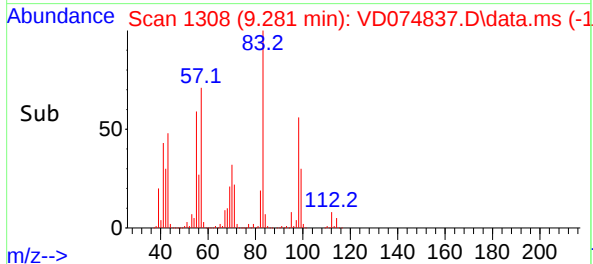
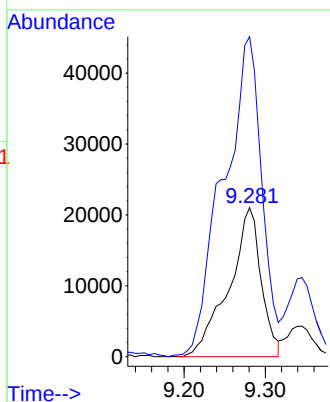
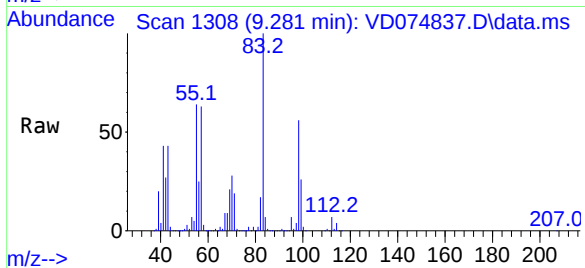




#45
1,2-Dichloropropane
Concen: 25.111 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

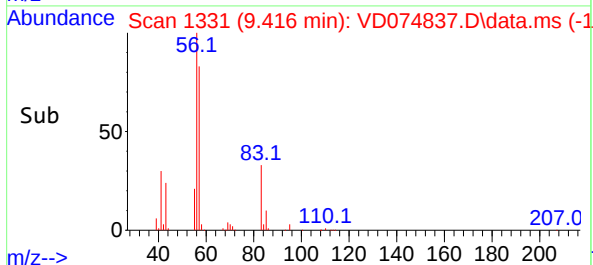
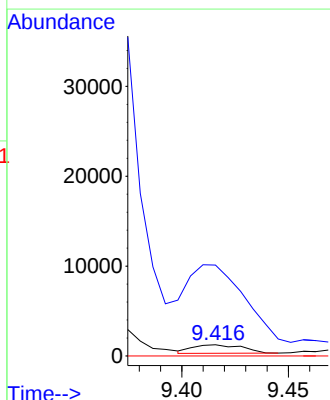
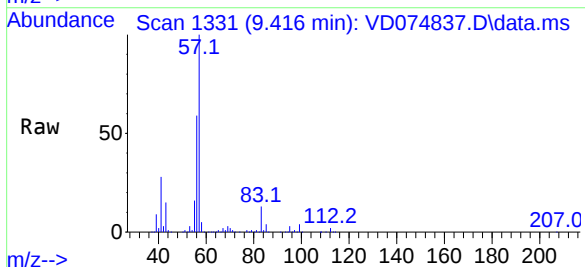
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

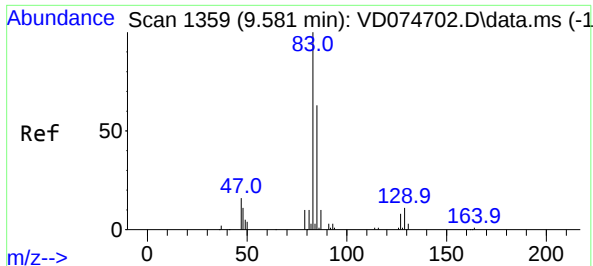
Tgt Ion: 63 Resp: 58010
Ion Ratio Lower Upper
63 100
65 213.8 23.1 34.7#



#46
Dibromomethane
Concen: 1.155 ug/l
RT: 9.416 min Scan# 1331
Delta R.T. 0.023 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 93 Resp: 1546
Ion Ratio Lower Upper
93 100
95 1020.2 68.2 102.2#
174 0.0 87.4 131.0#

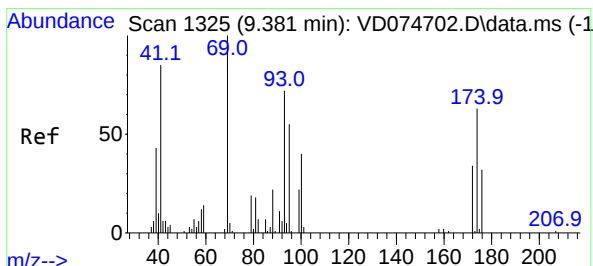
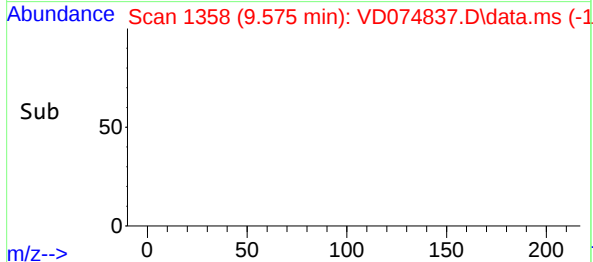
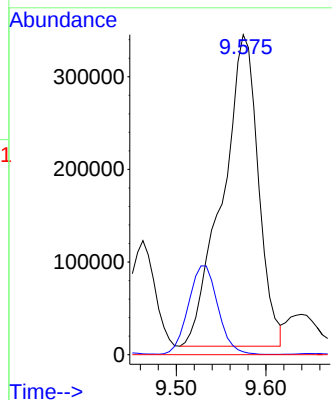
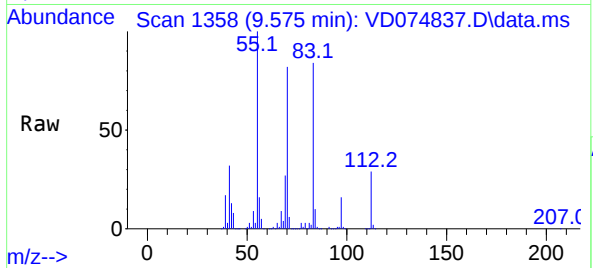




#47
Bromodichloromethane
Concen: 289.390 ug/l
RT: 9.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

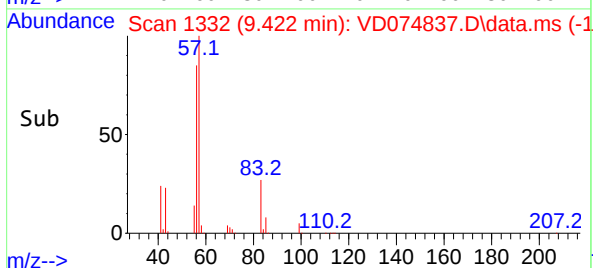
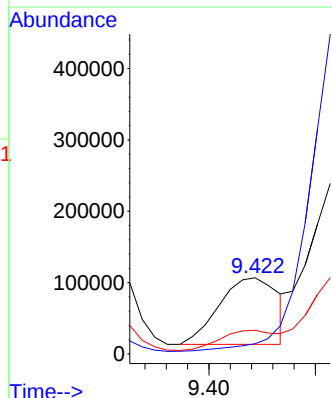
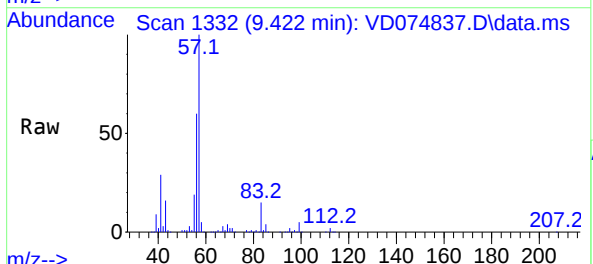
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

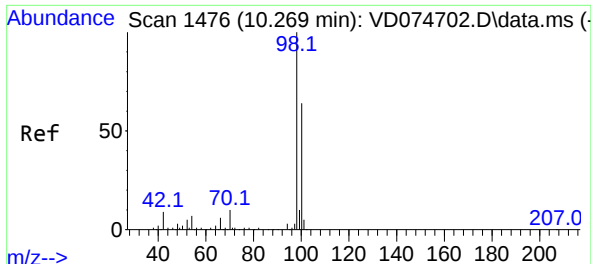
Tgt Ion: 83 Resp: 932714
Ion Ratio Lower Upper
83 100
85 0.9 48.8 73.2#
127 0.0 6.7 10.1#



#48
Methyl methacrylate
Concen: 181.845 ug/l
RT: 9.422 min Scan# 1332
Delta R.T. 0.041 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 41 Resp: 177751
Ion Ratio Lower Upper
41 100
69 0.0 93.0 139.4#
39 29.7 44.6 66.8#

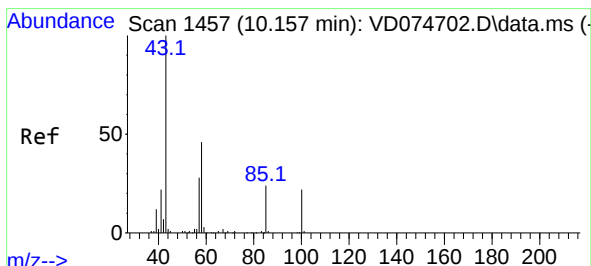
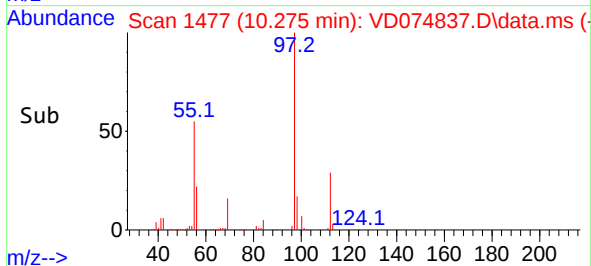
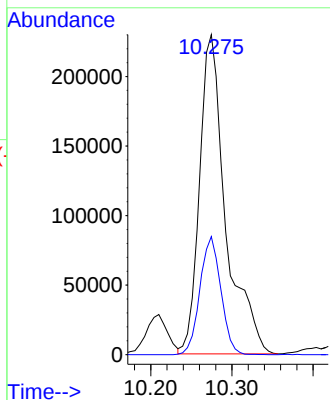
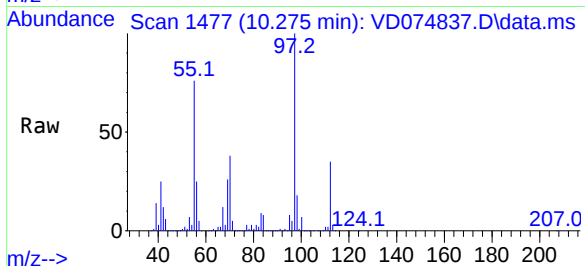




#50
Toluene-d8
Concen: 60.536 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

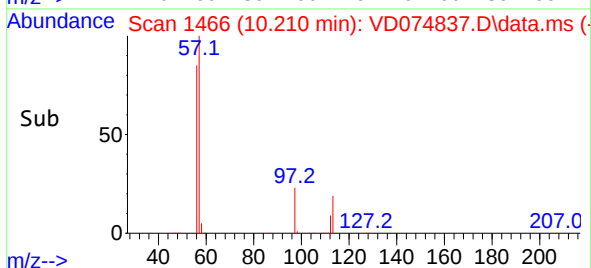
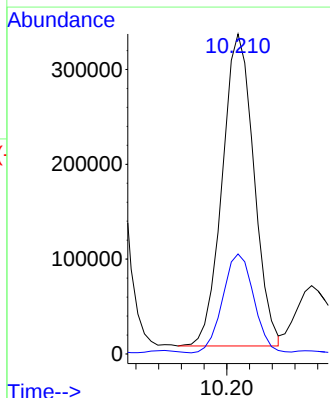
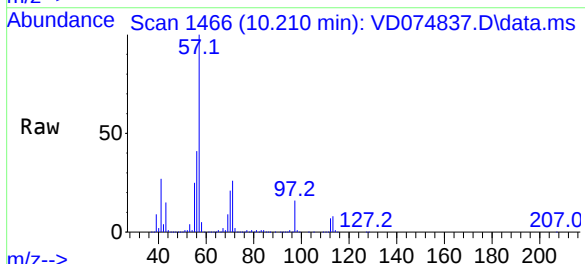
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

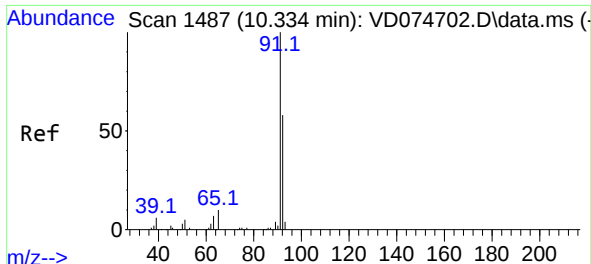
Tgt Ion: 98 Resp: 514100
Ion Ratio Lower Upper
98 100
100 29.5 51.4 77.0#



#51
4-Methyl-2-Pentanone
Concen: 597.644 ug/l
RT: 10.210 min Scan# 1466
Delta R.T. 0.053 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 43 Resp: 635729
Ion Ratio Lower Upper
43 100
58 31.1 37.8 56.6#

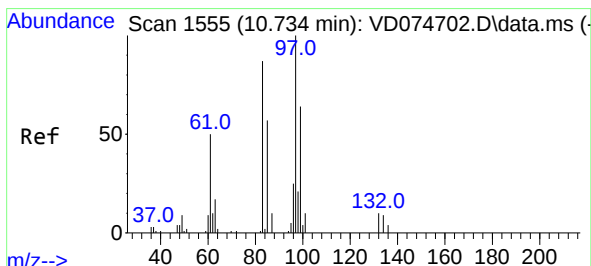
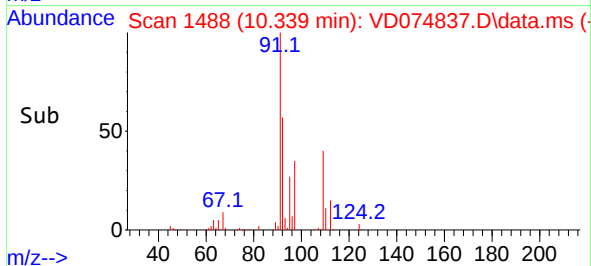
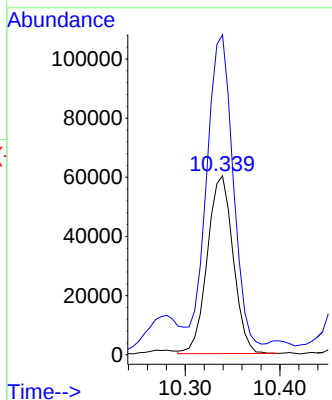
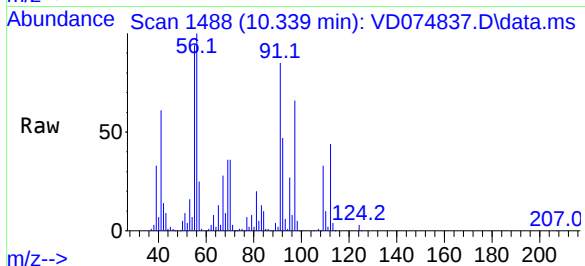




#52
Toluene
Concen: 17.785 ug/l
RT: 10.339 min Scan# 1487
Delta R.T. 0.005 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

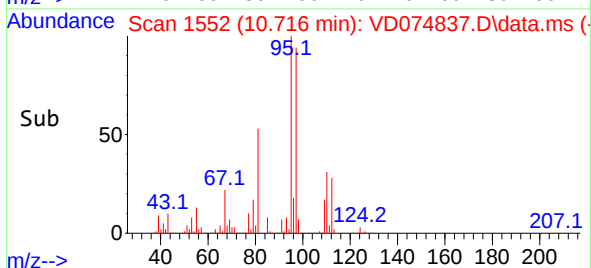
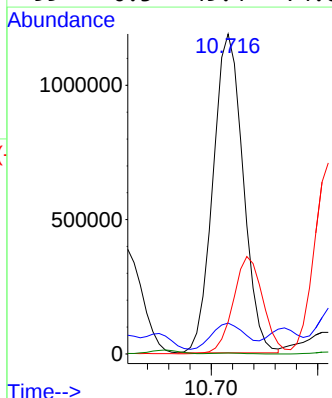
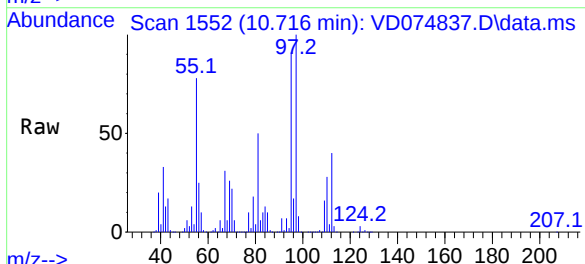
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

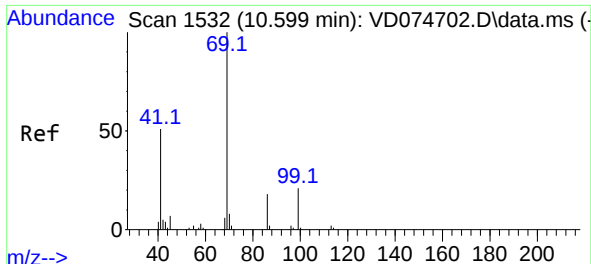
Tgt Ion: 92 Resp: 113743
Ion Ratio Lower Upper
92 100
91 176.7 139.0 208.4



#55
1,1,2-Trichloroethane
Concen: 1278.497 ug/l
RT: 10.716 min Scan# 1552
Delta R.T. -0.018 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 97 Resp: 2325215
Ion Ratio Lower Upper
97 100
83 7.1 64.8 97.2#
85 10.0 44.8 67.2#
99 0.3 49.4 74.0#

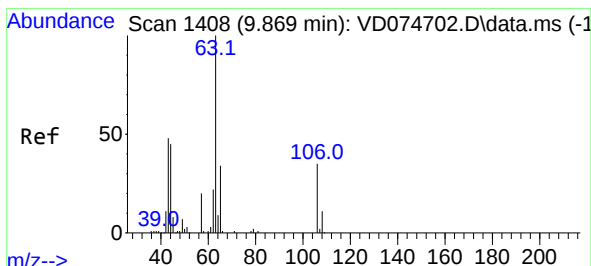
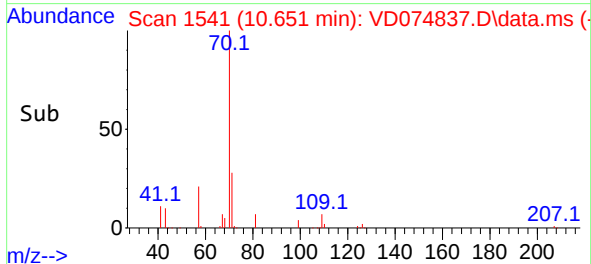
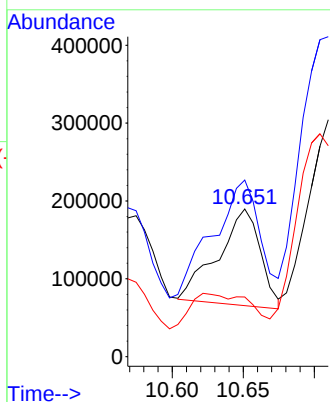
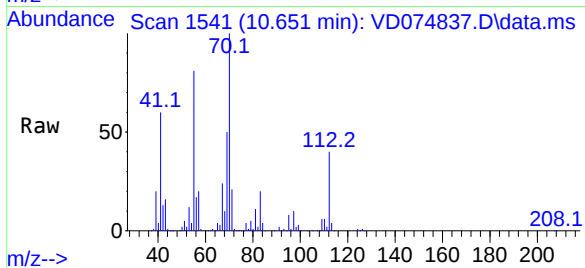




#56
Ethyl methacrylate
Concen: 126.291 ug/l
RT: 10.651 min Scan# 11
Delta R.T. 0.052 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

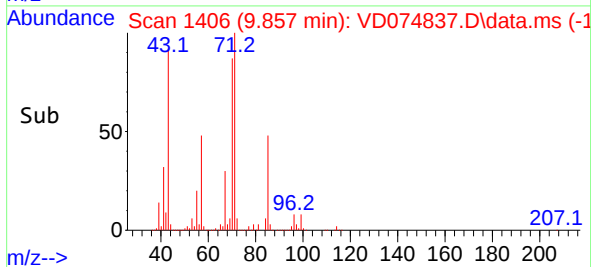
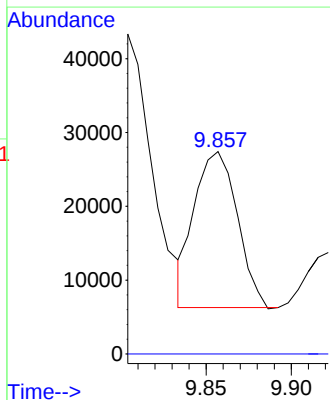
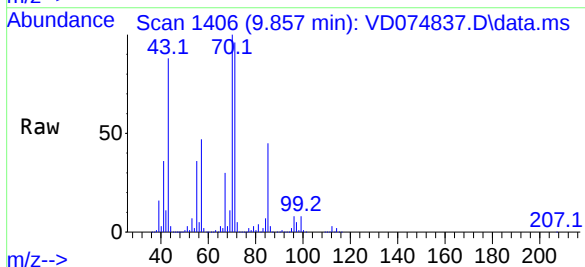
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

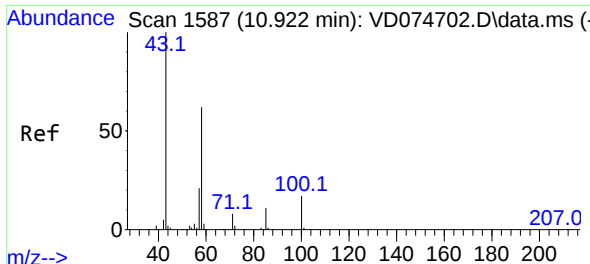
Tgt Ion: 69 Resp: 256801
Ion Ratio Lower Upper
69 100
41 149.7 38.6 58.0#
39 0.0 19.9 29.9#



#58
2-Chloroethyl Vinyl ether
Concen: 84.307 ug/l
RT: 9.857 min Scan# 1406
Delta R.T. -0.012 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 63 Resp: 36947
Ion Ratio Lower Upper
63 100
106 0.0 26.5 39.7#

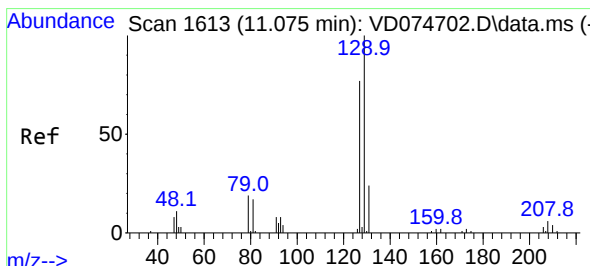
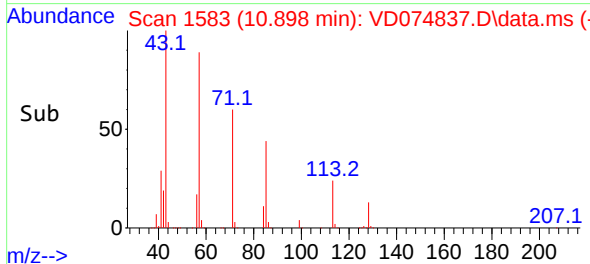
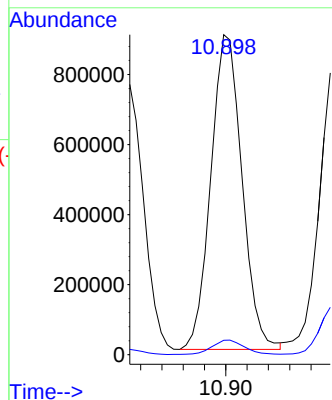
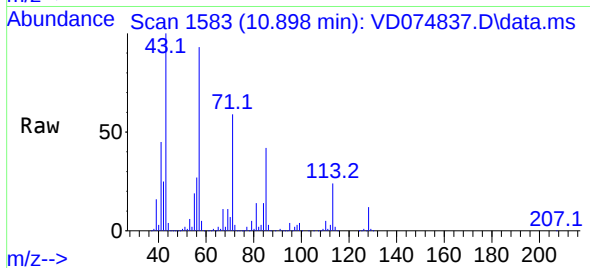




#59
2-Hexanone
Concen: 2497.560 ug/l
RT: 10.898 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

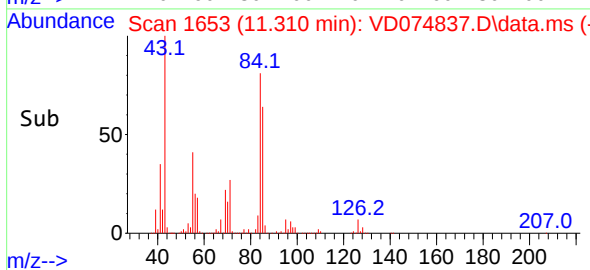
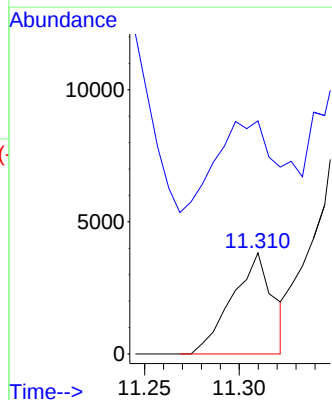
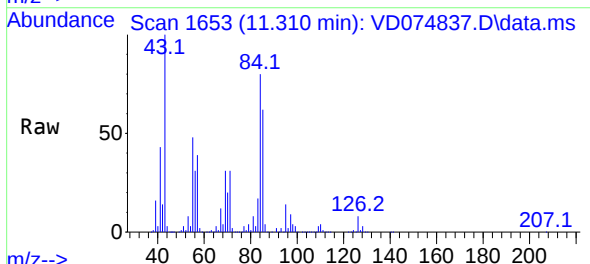
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

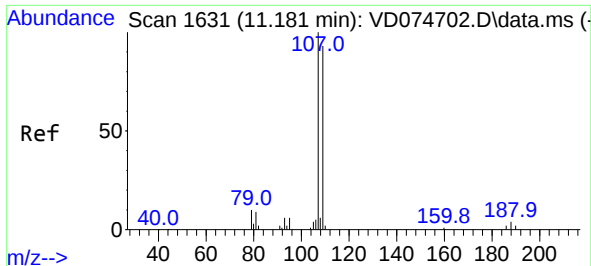
Tgt Ion: 43 Resp: 1827533
Ion Ratio Lower Upper
43 100
58 4.7 32.0 96.2#



#60
Dibromochloromethane
Concen: 2.641 ug/l
RT: 11.310 min Scan# 1653
Delta R.T. 0.235 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion:129 Resp: 5734
Ion Ratio Lower Upper
129 100
127 99.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 12.263 ug/l

RT: 11.163 min Scan# 1

Delta R.T. -0.018 min

Lab File: VD074837.D

Acq: 09 Nov 2022 19:23

Instrument :

MSVOA_D

ClientSampleId :

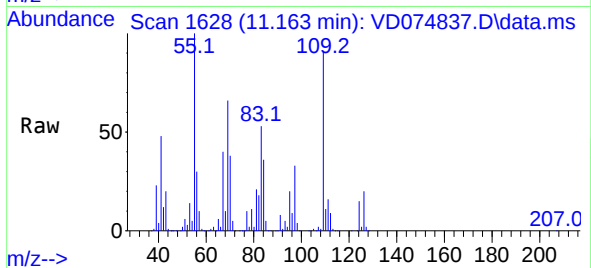
PL-05-110722

Tgt Ion:107 Resp: 21018

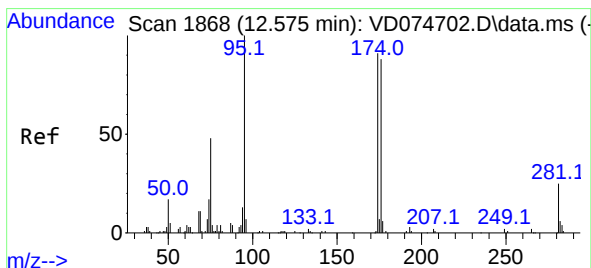
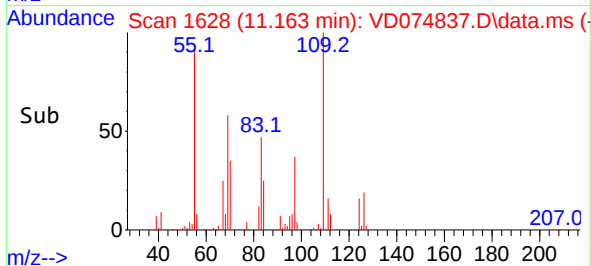
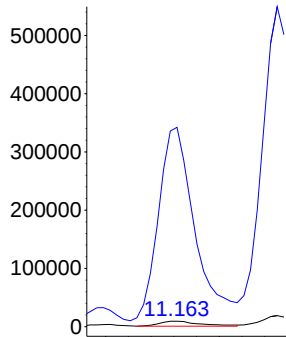
Ion Ratio Lower Upper

107 100

109 3519.1 74.6 111.8#



Abundance



#62

4-Bromofluorobenzene

Concen: 265.726 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD074837.D

Acq: 09 Nov 2022 19:23

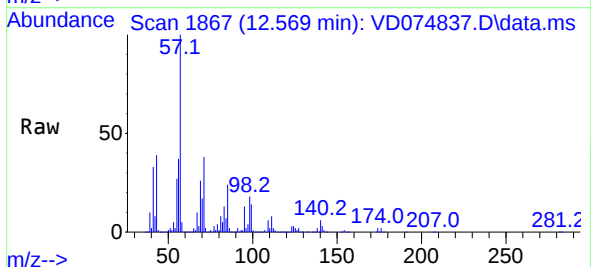
Tgt Ion: 95 Resp: 651576

Ion Ratio Lower Upper

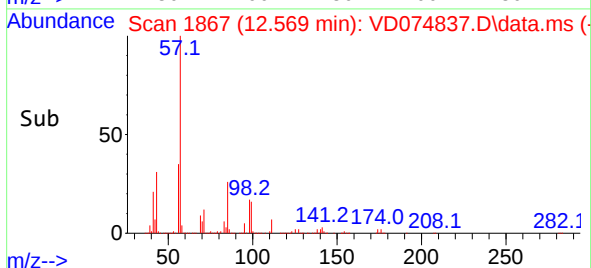
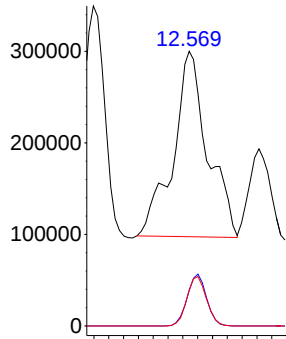
95 100

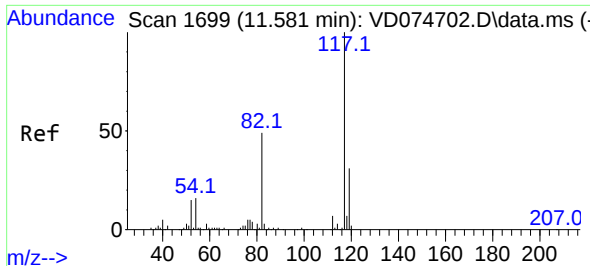
174 15.6 0.0 197.0

176 15.1 0.0 182.6



Abundance

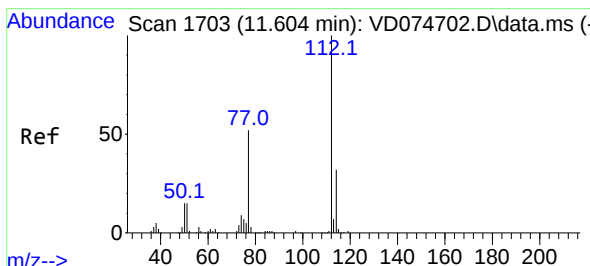
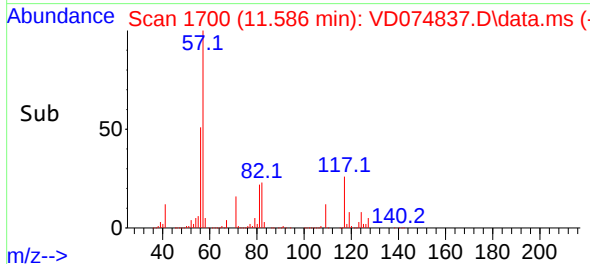
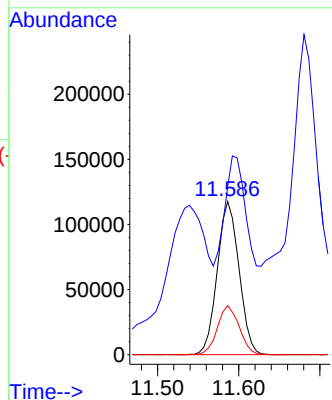
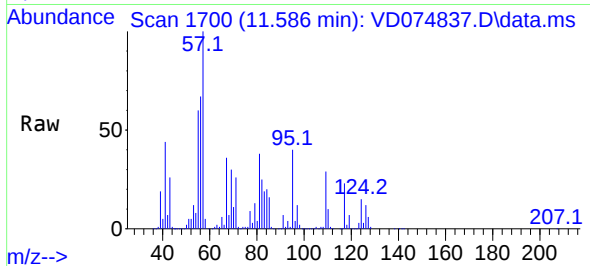




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

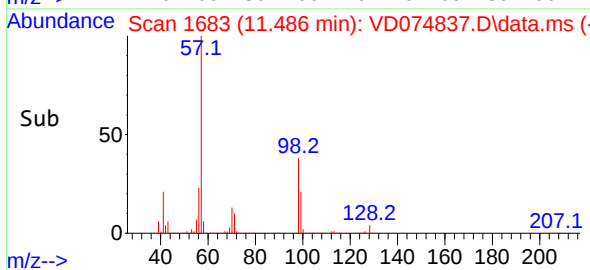
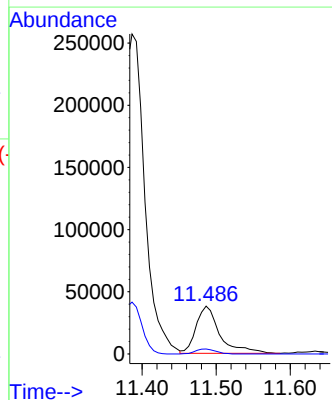
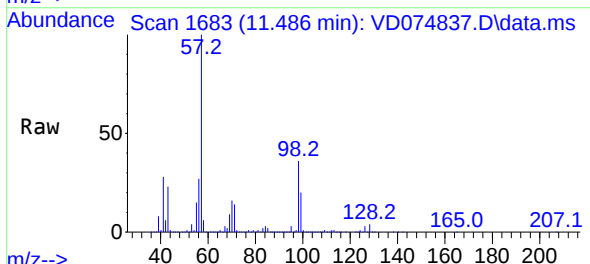
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

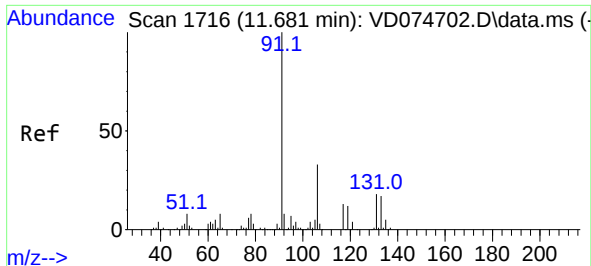
Tgt Ion	Ratio	Lower	Upper
117	100		
82	42.3	41.6	62.4
119	32.0	25.2	37.8



#65
Chlorobenzene
Concen: 19.480 ug/l
RT: 11.486 min Scan# 1683
Delta R.T. -0.118 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion	Ratio	Lower	Upper
112	100		
114	10.6	25.1	37.7#

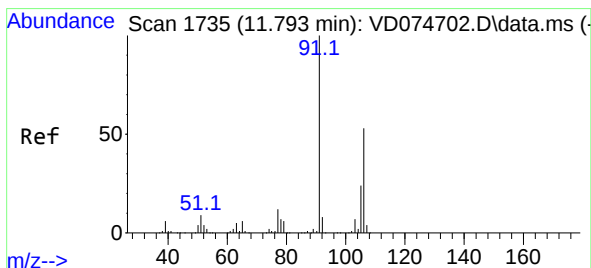
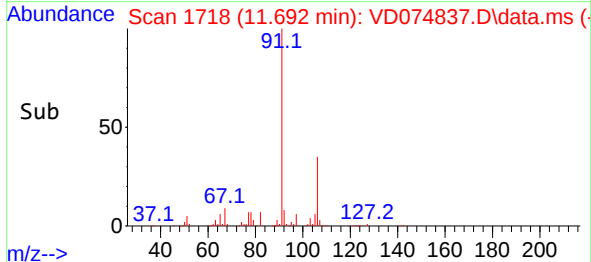
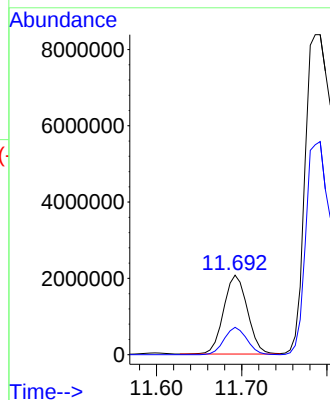
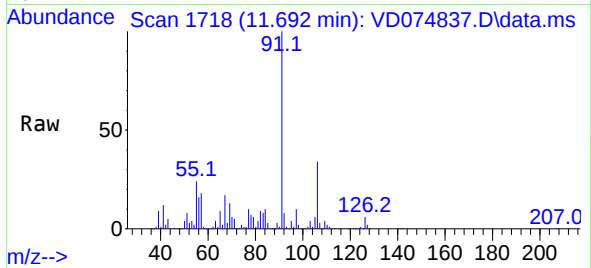




#67
Ethyl Benzene
Concen: 520.921 ug/l
RT: 11.692 min Scan# 1718
Delta R.T. 0.011 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

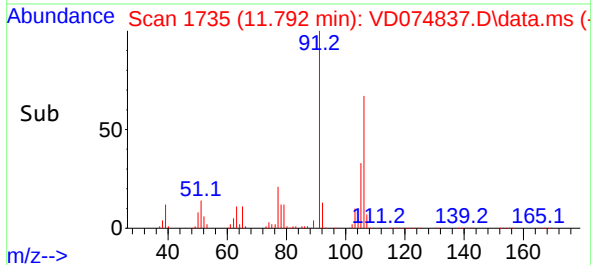
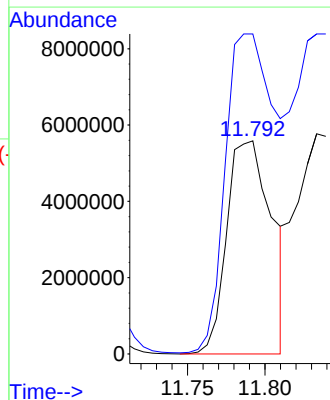
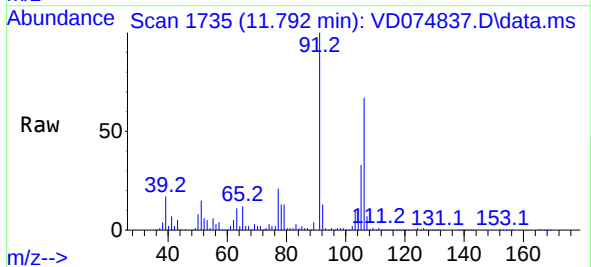
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

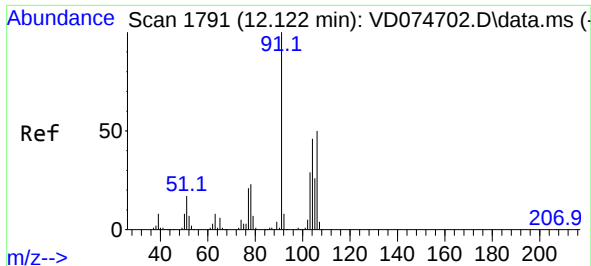
Tgt Ion: 91 Resp: 4003816
Ion Ratio Lower Upper
91 100
106 34.7 26.6 40.0



#68
m/p-Xylenes
Concen: 3677.878 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion:106 Resp:11222797
Ion Ratio Lower Upper
106 100
91 164.2 156.2 234.4

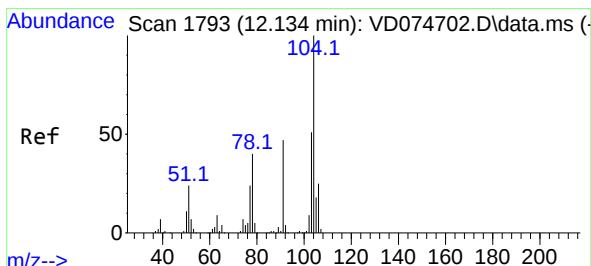
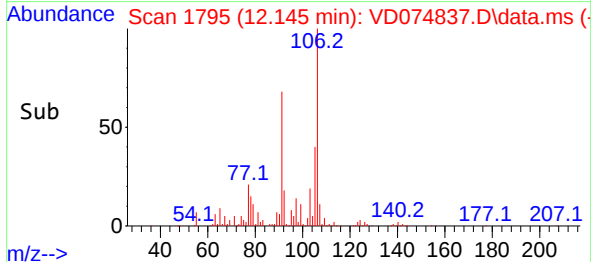
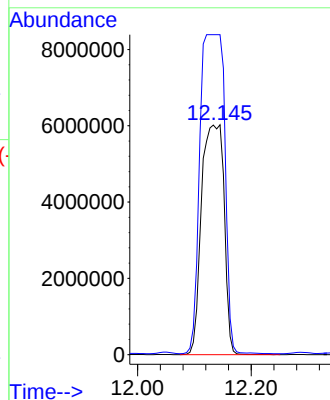
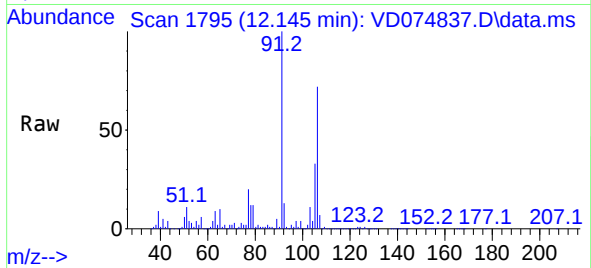




#69
o-Xylene
Concen: 5875.765 ug/l
RT: 12.145 min Scan# 1795
Delta R.T. 0.023 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

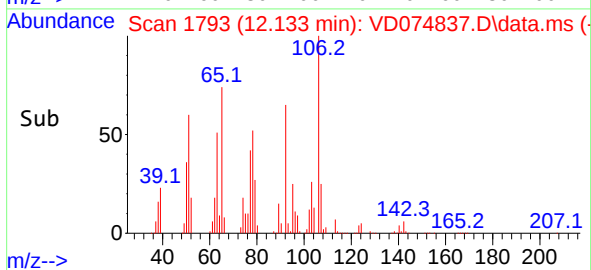
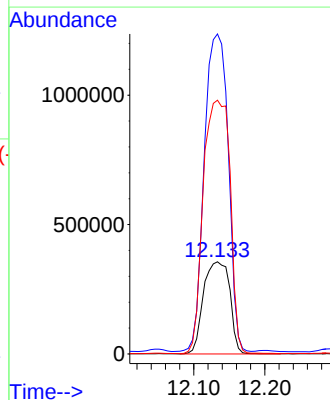
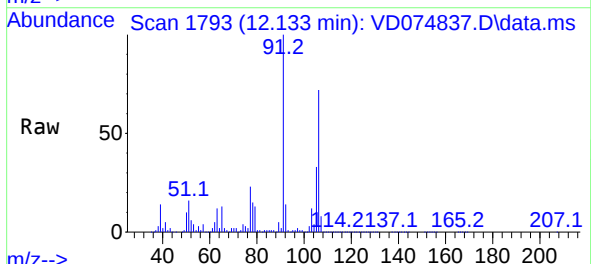
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

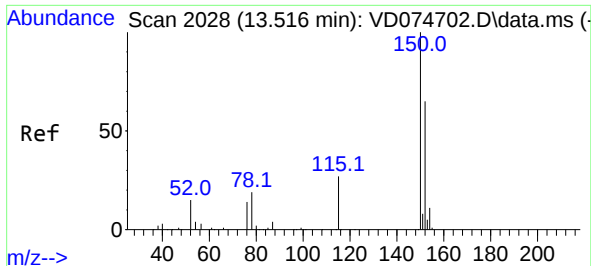
Tgt Ion:106 Resp:16483187
Ion Ratio Lower Upper
106 100
91 0.0 104.5 313.3#



#70
Styrene
Concen: 192.341 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion:104 Resp: 914137
Ion Ratio Lower Upper
104 100
78 313.7 35.7 53.5#
103 280.3 43.7 65.5#

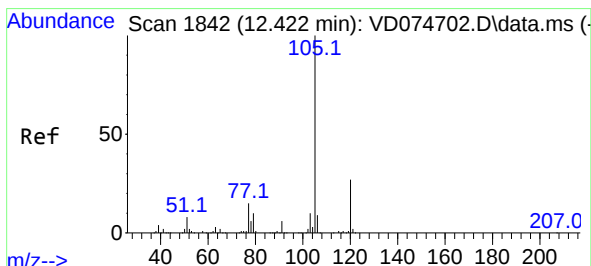
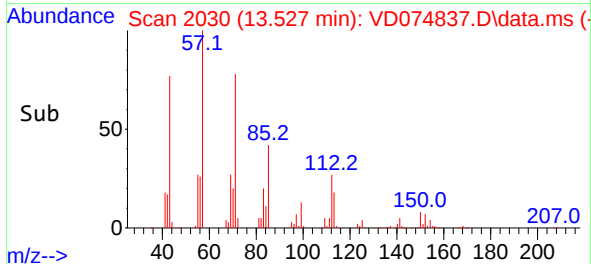
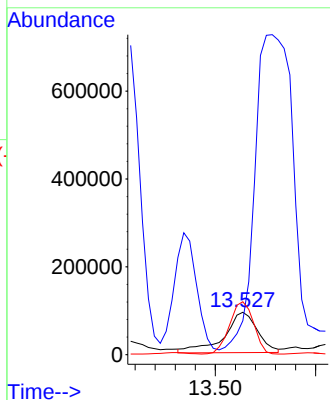
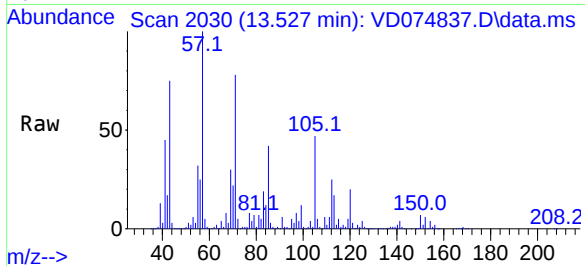




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.527 min Scan# 2028
Delta R.T. 0.011 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

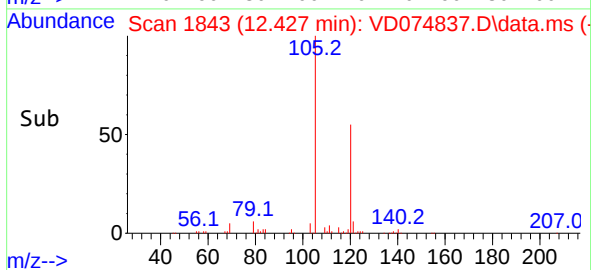
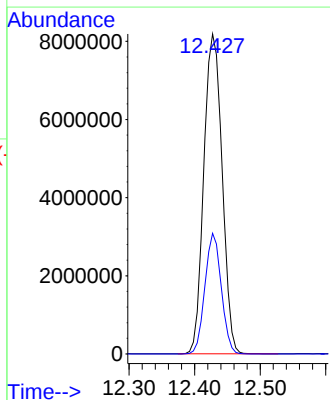
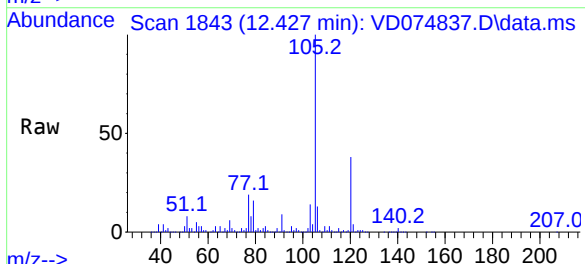
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

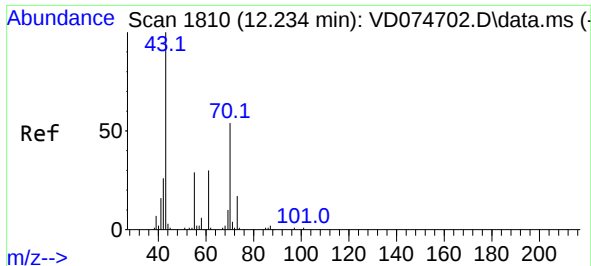
Tgt Ion:152 Resp: 214975
Ion Ratio Lower Upper
152 100
115 0.0 26.8 80.4#
150 92.6 0.0 348.2



#73
Isopropylbenzene
Concen: 1011.843 ug/l
RT: 12.427 min Scan# 1843
Delta R.T. 0.005 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion:105 Resp:15892055
Ion Ratio Lower Upper
105 100
120 33.8 13.5 40.4

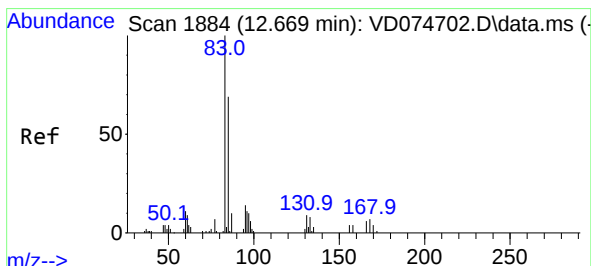
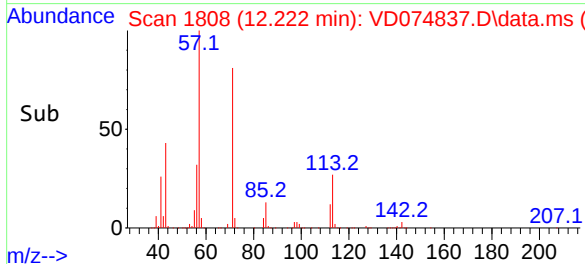
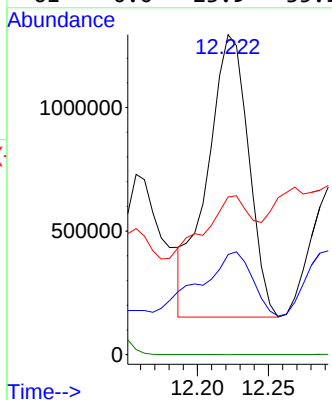
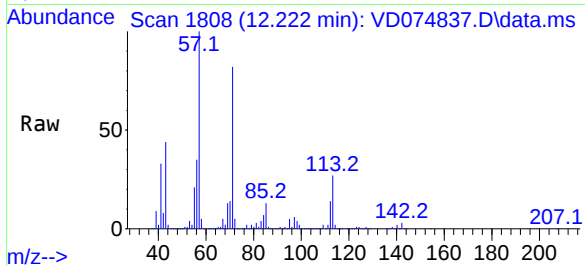




#74
N-amy1 acetate
Concen: 909.697 ug/l
RT: 12.222 min Scan# 1808
Delta R.T. -0.012 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

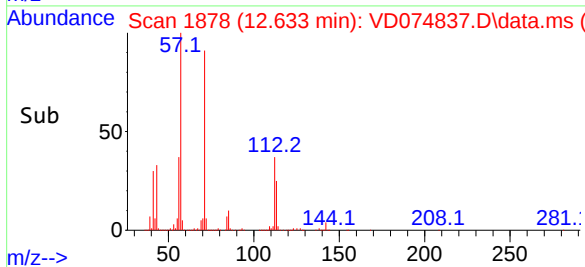
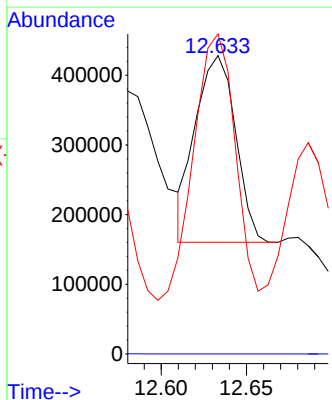
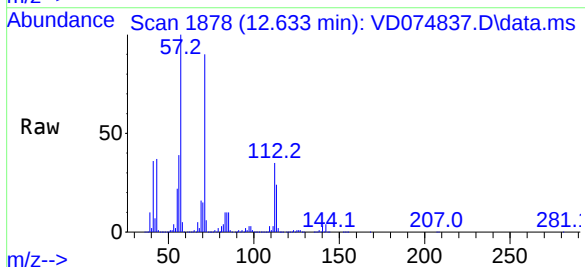
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

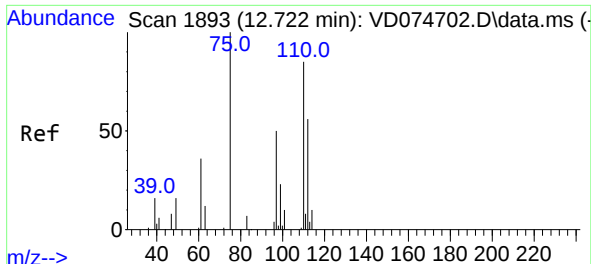
Tgt Ion: 43 Resp: 2320712
Ion Ratio Lower Upper
43 100
70 28.5 43.8 65.6#
55 25.4 22.0 33.0
61 0.0 23.9 35.9#



#75
1,1,2,2-Tetrachloroethane
Concen: 166.647 ug/l
RT: 12.633 min Scan# 1878
Delta R.T. -0.036 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 83 Resp: 439809
Ion Ratio Lower Upper
83 100
131 0.0 4.7 14.1#
85 181.3 33.1 99.2#

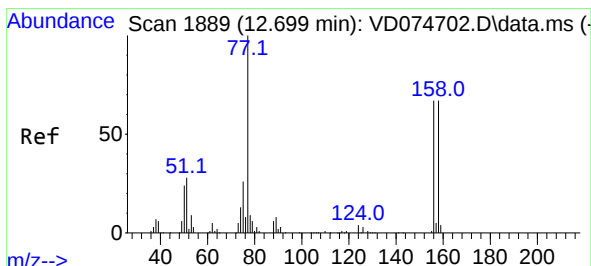
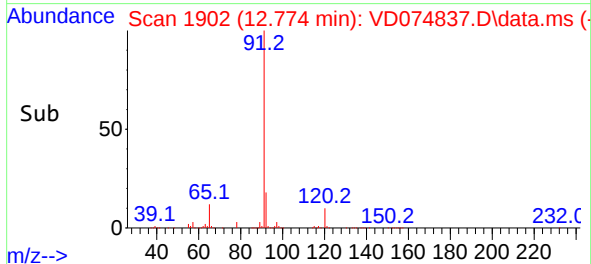
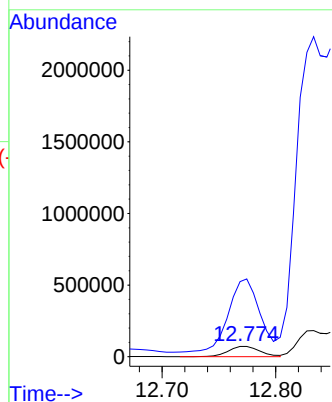
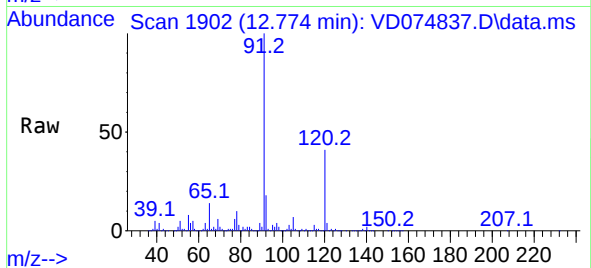




#76
1,2,3-Trichloropropane
Concen: 82.676 ug/l
RT: 12.774 min Scan# 1902
Delta R.T. 0.052 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

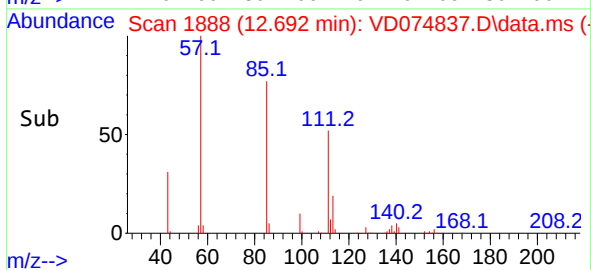
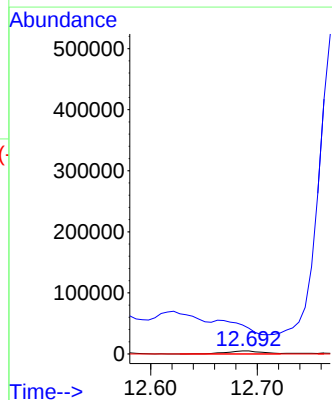
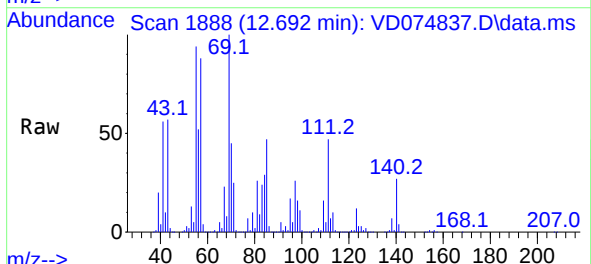
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

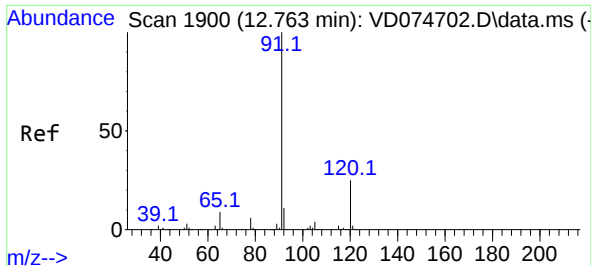
Tgt Ion: 75 Resp: 137779
Ion Ratio Lower Upper
75 100
77 697.9 185.8 557.5#



#77
Bromobenzene
Concen: 3.273 ug/l
RT: 12.692 min Scan# 1888
Delta R.T. -0.007 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion:156 Resp: 11835
Ion Ratio Lower Upper
156 100
77 0.0 77.7 233.1#
158 0.0 49.4 148.2#

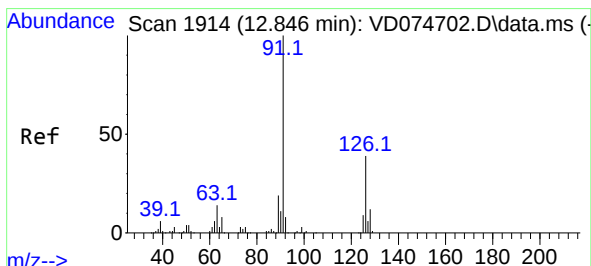
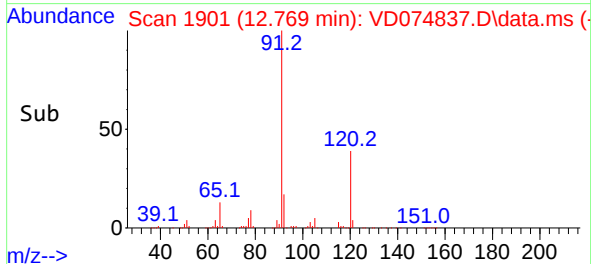
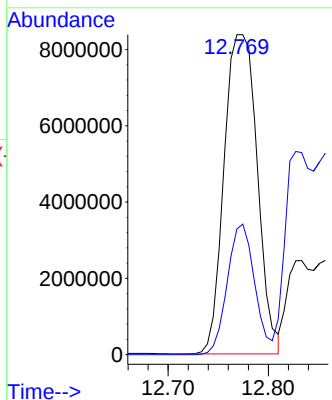
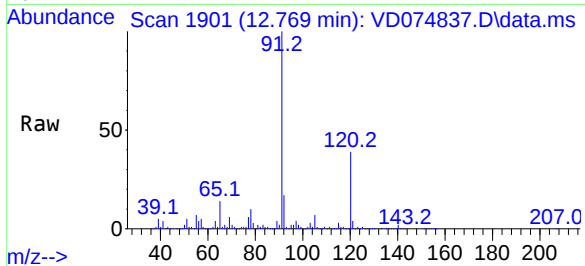




#78
n-propylbenzene
Concen: 1023.379 ug/l
RT: 12.769 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

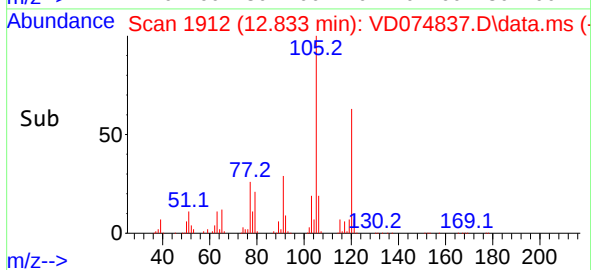
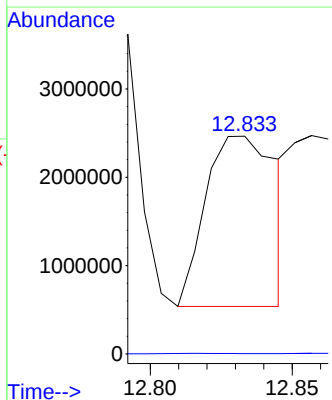
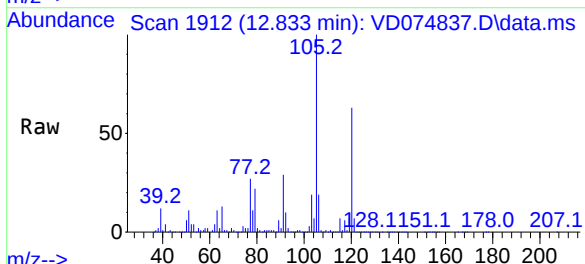
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

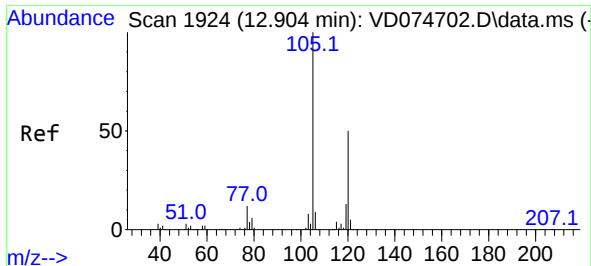
Tgt Ion: 91 Resp:19255217
Ion Ratio Lower Upper
91 100
120 33.8 11.9 35.7



#79
2-Chlorotoluene
Concen: 327.572 ug/l
RT: 12.833 min Scan# 1912
Delta R.T. -0.013 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 91 Resp: 3318765
Ion Ratio Lower Upper
91 100
126 0.2 18.3 54.8#

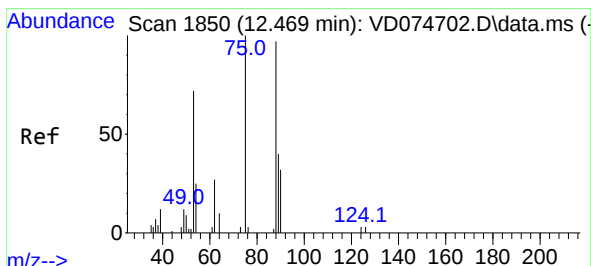
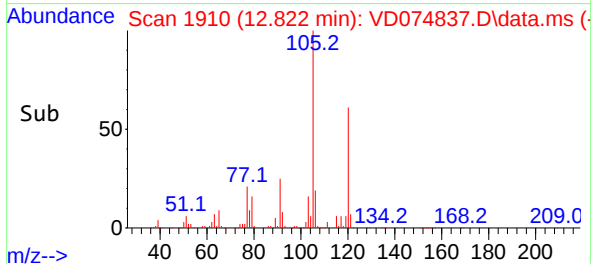
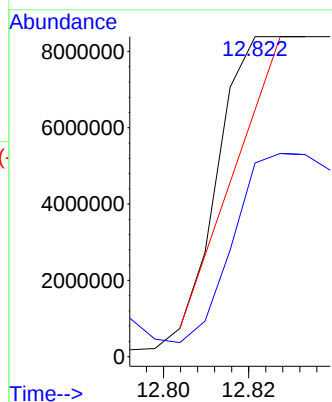
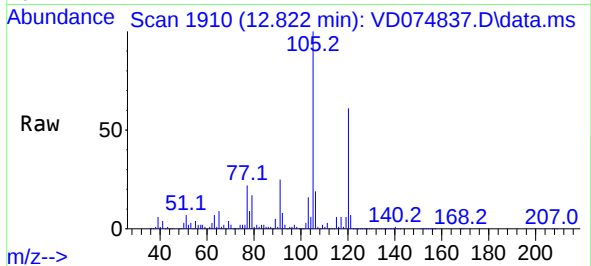




#80
1,3,5-Trimethylbenzene
Concen: 244.346 ug/l
RT: 12.822 min Scan# 1924
Delta R.T. -0.082 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

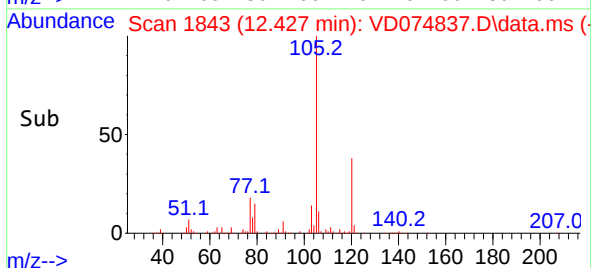
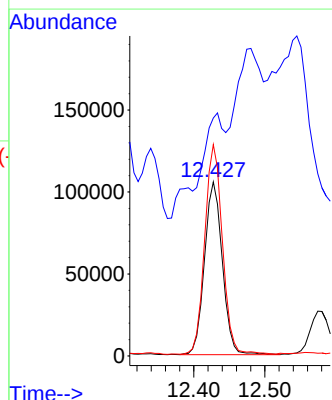
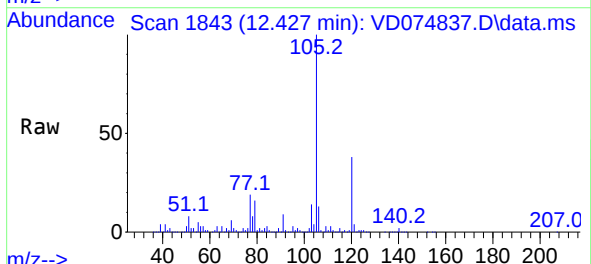
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

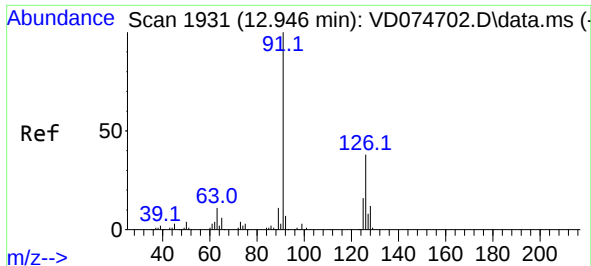
Tgt Ion:105 Resp: 3131070
Ion Ratio Lower Upper
105 100
120 299.3 25.7 77.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 262.162 ug/l
RT: 12.427 min Scan# 1843
Delta R.T. -0.042 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 75 Resp: 184051
Ion Ratio Lower Upper
75 100
53 46.7 63.8 95.6#
89 120.8 38.2 57.4#

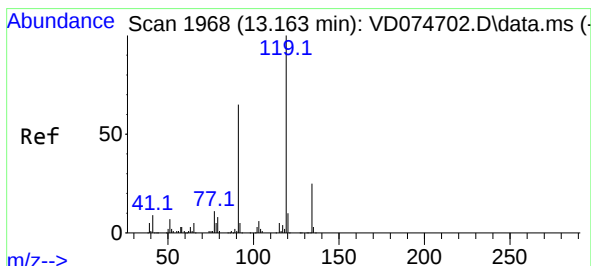
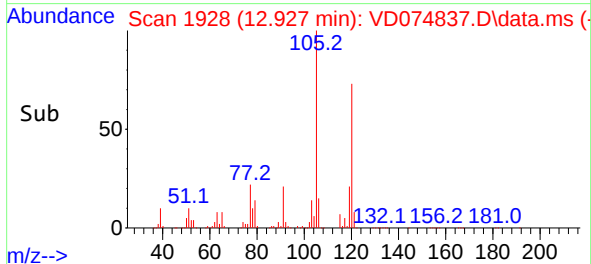
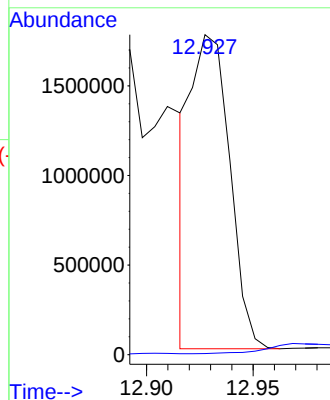
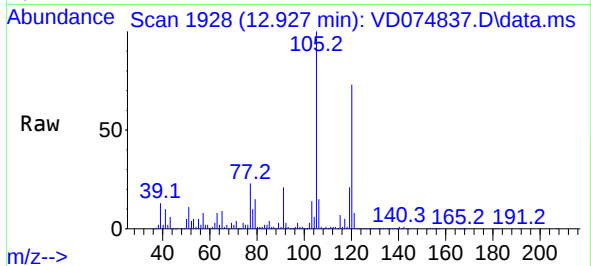




#82
4-Chlorotoluene
Concen: 211.285 ug/l
RT: 12.927 min Scan# 1931
Delta R.T. -0.019 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

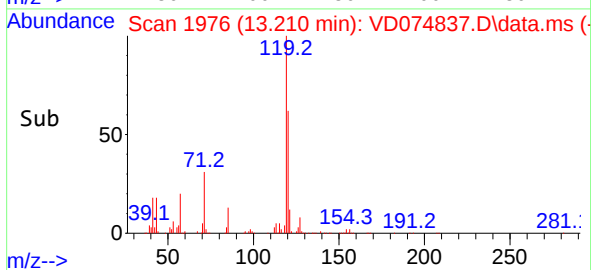
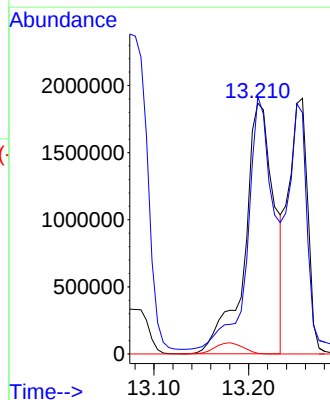
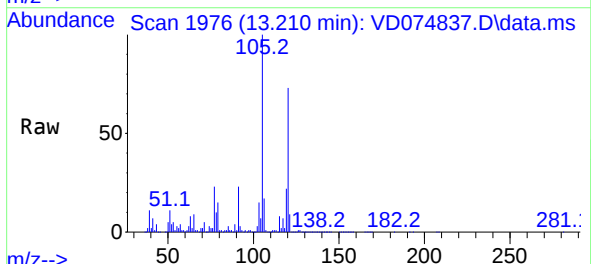
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

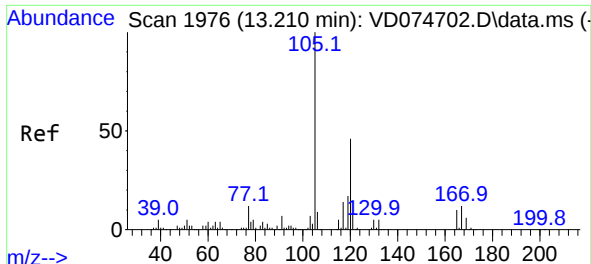
Tgt Ion: 91 Resp: 2226469
Ion Ratio Lower Upper
91 100
126 0.0 18.8 56.4#



#83
tert-Butylbenzene
Concen: 362.876 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.047 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 119 Resp: 4097769
Ion Ratio Lower Upper
119 100
91 86.6 30.0 90.0
134 0.0 13.4 40.1#

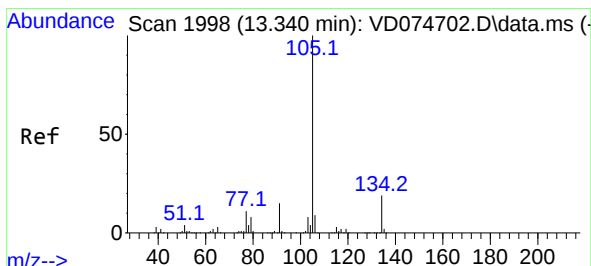
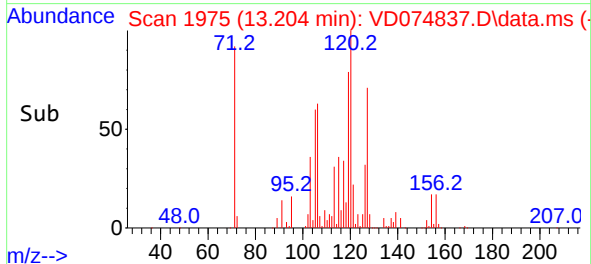
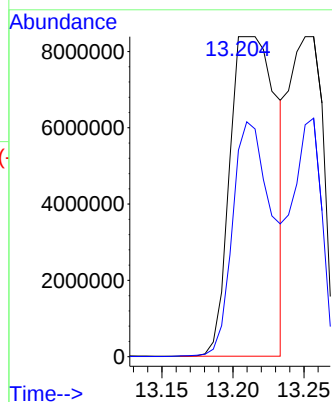
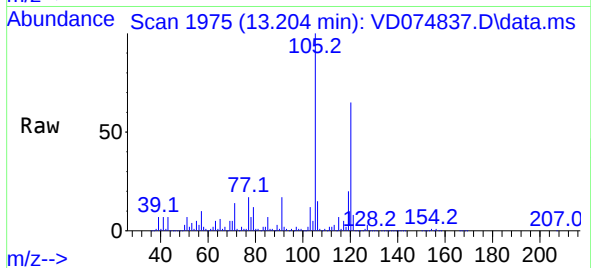




#84
1,2,4-Trimethylbenzene
Concen: 1511.004 ug/l
RT: 13.204 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

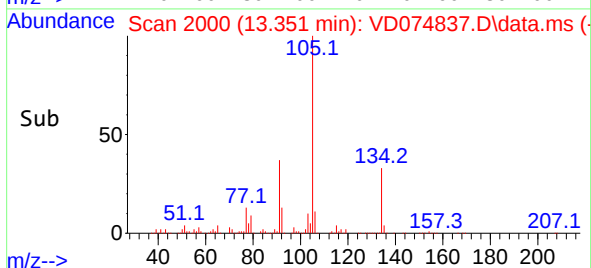
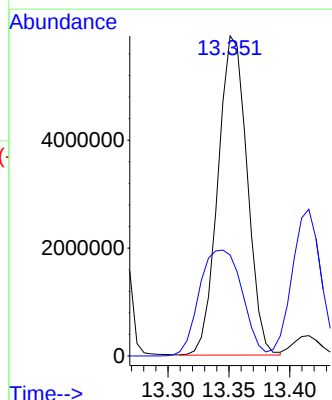
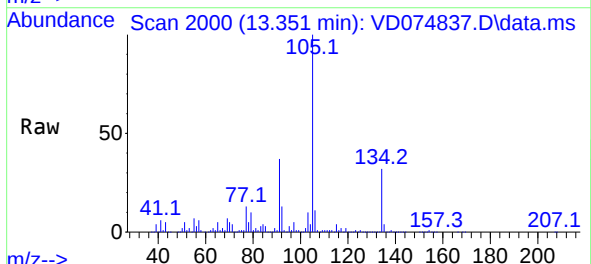
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

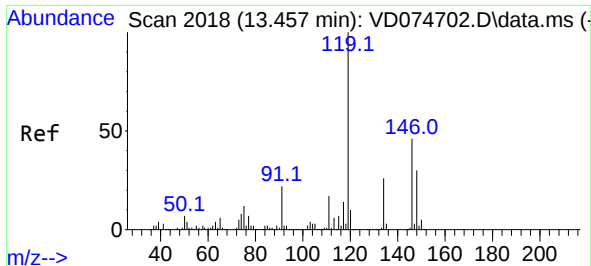
Tgt Ion:105 Resp:19104944
Ion Ratio Lower Upper
105 100
120 61.2 22.9 68.7



#85
sec-Butylbenzene
Concen: 580.124 ug/l
RT: 13.351 min Scan# 2000
Delta R.T. 0.011 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion:105 Resp: 9883435
Ion Ratio Lower Upper
105 100
134 48.4 10.0 30.0#

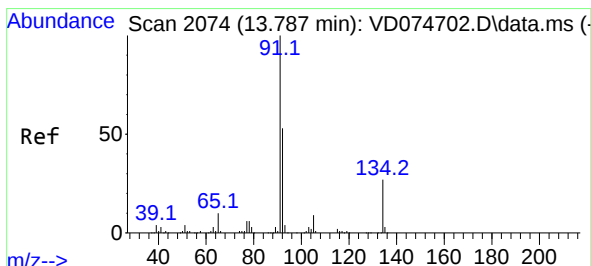
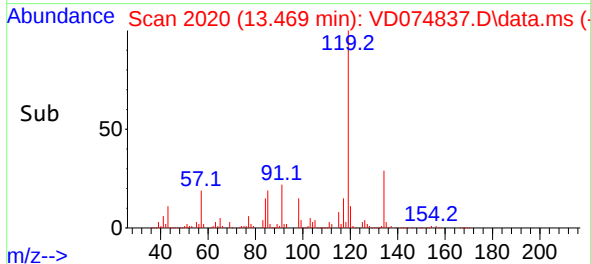
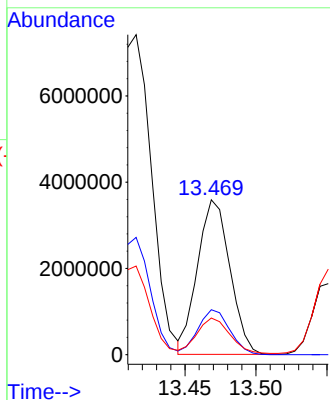
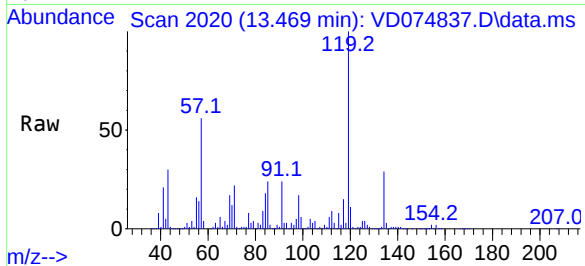




#86
p-Isopropyltoluene
Concen: 397.668 ug/l
RT: 13.469 min Scan# 2018
Delta R.T. 0.012 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

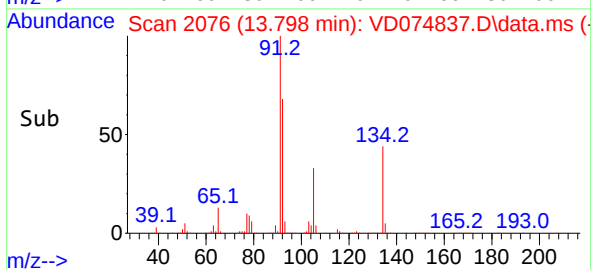
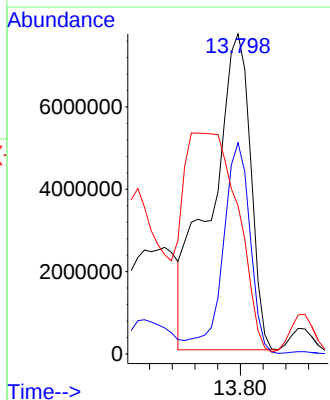
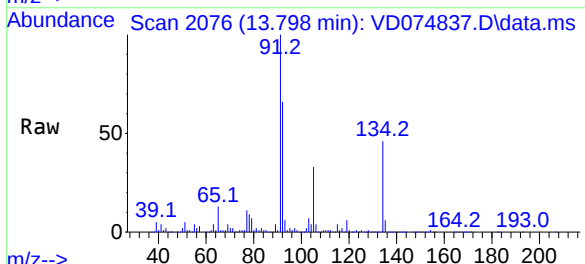
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

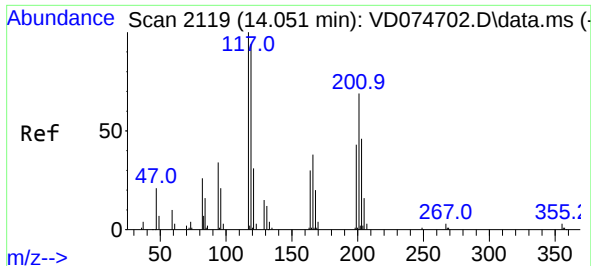
Tgt Ion:119 Resp: 5705867
Ion Ratio Lower Upper
119 100
134 28.6 13.5 40.4
91 22.7 10.8 32.4



#89
n-Butylbenzene
Concen: 1417.416 ug/l
RT: 13.798 min Scan# 2076
Delta R.T. 0.011 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion: 91 Resp:18600168
Ion Ratio Lower Upper
91 100
92 45.5 26.9 80.7
134 0.0 13.4 40.2#

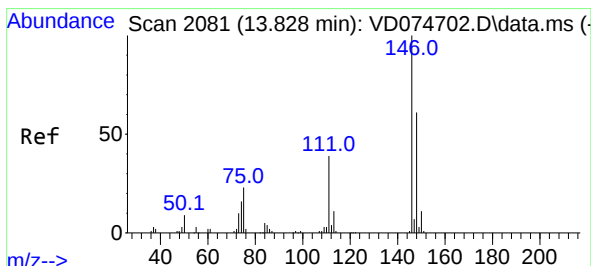
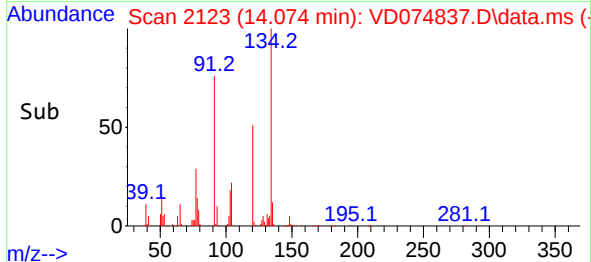
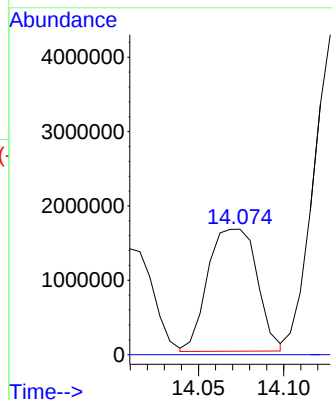
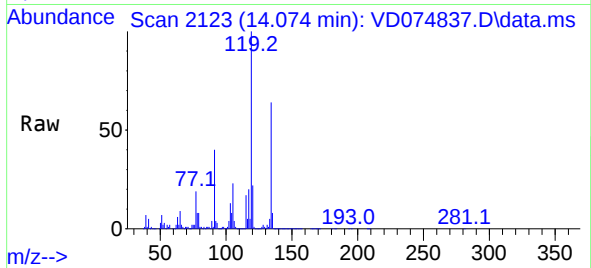




#90
Hexachloroethane
Concen: 1342.355 ug/l
RT: 14.074 min Scan# 2119
Delta R.T. 0.023 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

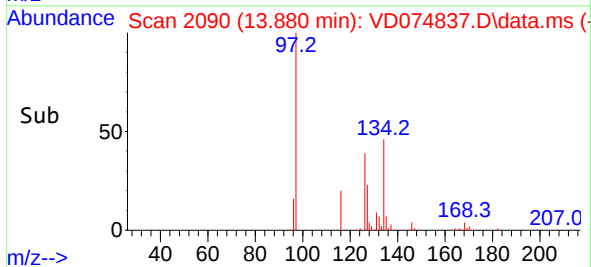
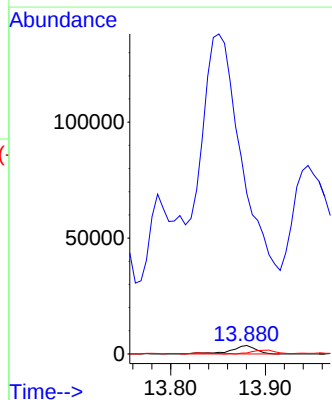
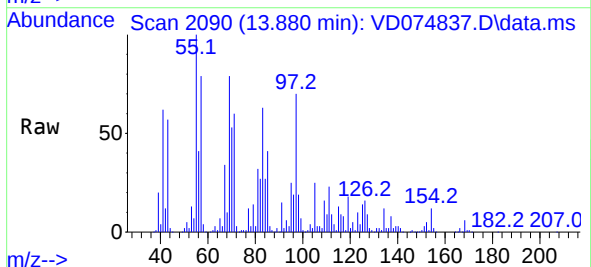
Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

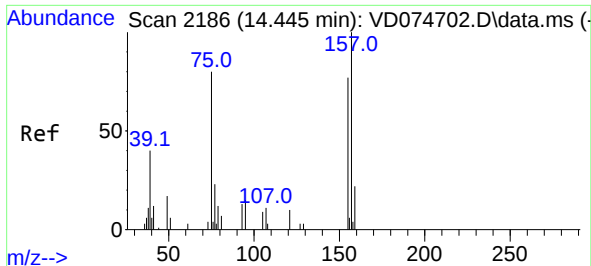
Tgt Ion:117 Resp: 3302148
Ion Ratio Lower Upper
117 100
201 0.0 38.0 114.0#



#91
1,2-Dichlorobenzene
Concen: 1.064 ug/l
RT: 13.880 min Scan# 2090
Delta R.T. 0.052 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion:146 Resp: 6795
Ion Ratio Lower Upper
146 100
111 0.0 18.9 56.5#
148 0.0 31.9 95.5#

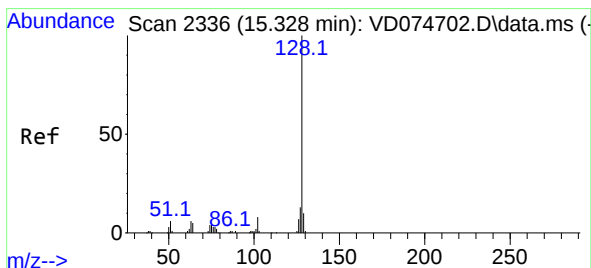
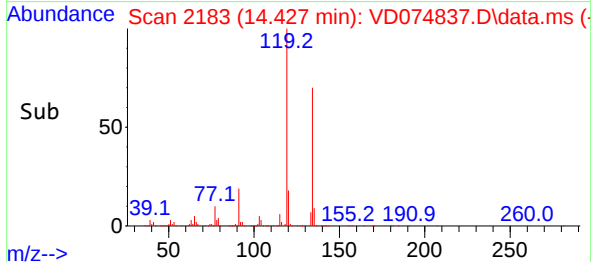
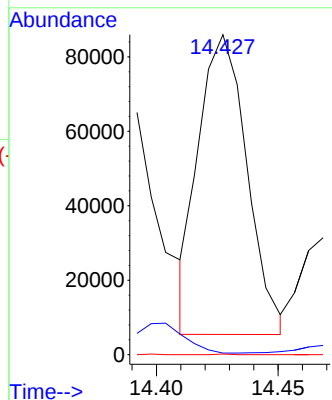
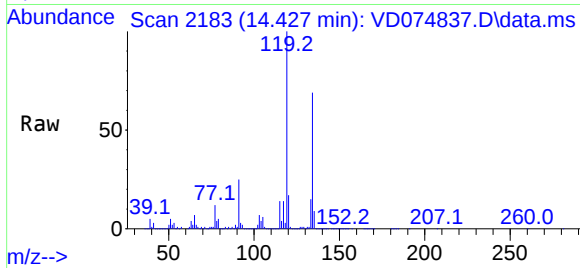




#92
1,2-Dibromo-3-Chloropropane
Concen: 304.449 ug/l
RT: 14.427 min Scan# 2183
Delta R.T. -0.018 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Instrument :
MSVOA_D
ClientSampleId :
PL-05-110722

Tgt Ion: 75 Resp: 111068
Ion Ratio Lower Upper
75 100
155 0.0 51.2 153.8#
157 0.1 68.2 204.5#



#95
Naphthalene
Concen: 935.017 ug/l
RT: 15.327 min Scan# 2336
Delta R.T. -0.001 min
Lab File: VD074837.D
Acq: 09 Nov 2022 19:23

Tgt Ion:128 Resp: 7082360
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 11.8 8.3 12.5

