

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072426.D
 Acq On : 25 Mar 2022 13:51
 Operator : VA/SY
 Sample : N1977-01
 Misc : 5.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-20220315-16.0-17.0

Quant Time: Mar 26 00:10:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	402044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	694300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	753057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	329240	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	187366	41.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.640%
35) Dibromofluoromethane	7.914	113	203263	41.602	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.200%
50) Toluene-d8	10.337	98	884888	49.532	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.060%
62) 4-Bromofluorobenzene	12.620	95	399167	57.504	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.000%

Target Compounds				Qvalue		
10) Methyl Iodide	4.285	142	368	2.312	ug/l #	64
16) Acetone	4.161	43	50471	51.881	ug/l	97
17) Carbon Disulfide	4.414	76	44450	6.504	ug/l	97
20) Methylene Chloride	4.967	84	9148	Below Cal	#	73
25) 2-Butanone	7.208	43	19420	14.972	ug/l	94
31) Cyclohexane	7.973	56	37361	5.337	ug/l #	73
36) 1,1-Dichloropropene	7.973	75	33027	4.819	ug/l #	52
37) Ethyl Acetate	7.208	43	19420	6.468	ug/l #	73
38) Carbon Tetrachloride	7.973	117	42515	5.457	ug/l #	17
39) Methylcyclohexane	9.349	83	130217	16.883	ug/l	98
40) Benzene	8.349	78	3733969	190.955	ug/l	99
42) 1,2-Dichloroethane	8.349	62	32918	5.549	ug/l	78
43) Isopropyl Acetate	8.449	43	10390	1.783	ug/l #	54
48) Methyl methacrylate	9.402	41	8773	3.153	ug/l #	40
51) 4-Methyl-2-Pentanone	10.267	43	4791	1.565	ug/l #	60
52) Toluene	10.396	92	378299	29.400	ug/l	96
55) 1,1,2-Trichloroethane	10.773	97	47866	11.911	ug/l #	21
56) Ethyl methacrylate	10.673	69	23225	4.934	ug/l #	1
59) 2-Hexanone	10.949	43	74665	35.320	ug/l #	33
65) Chlorobenzene	11.661	112	447946	26.831	ug/l	99
67) Ethyl Benzene	11.737	91	5196280	174.267	ug/l	98
68) m/p-Xylenes	11.843	106	321040	28.354	ug/l	98
69) o-Xylene	12.173	106	363769	33.589	ug/l	100
70) Styrene	12.184	104	45958	2.430	ug/l #	1
73) Isopropylbenzene	12.473	105	3032559	116.232	ug/l	99
74) N-amyl acetate	12.261	43	161439	28.793	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.702	83	10644	2.281	ug/l #	55
76) 1,2,3-Trichloropropane	12.814	75	11220	3.089	ug/l #	100
78) n-propylbenzene	12.814	91	1922627	60.668	ug/l	99
79) 2-Chlorotoluene	12.908	91	89648	4.892	ug/l #	60
80) 1,3,5-Trimethylbenzene	12.949	105	1571511	70.112	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.473	75	36422	24.882	ug/l #	7
82) 4-Chlorotoluene	12.949	91	181483	9.565	ug/l #	46
83) tert-Butylbenzene	13.261	119	847727	43.139	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.261	105	6492232	293.961	ug/l	96
85) sec-Butylbenzene	13.390	105	313306	10.617	ug/l #	59

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

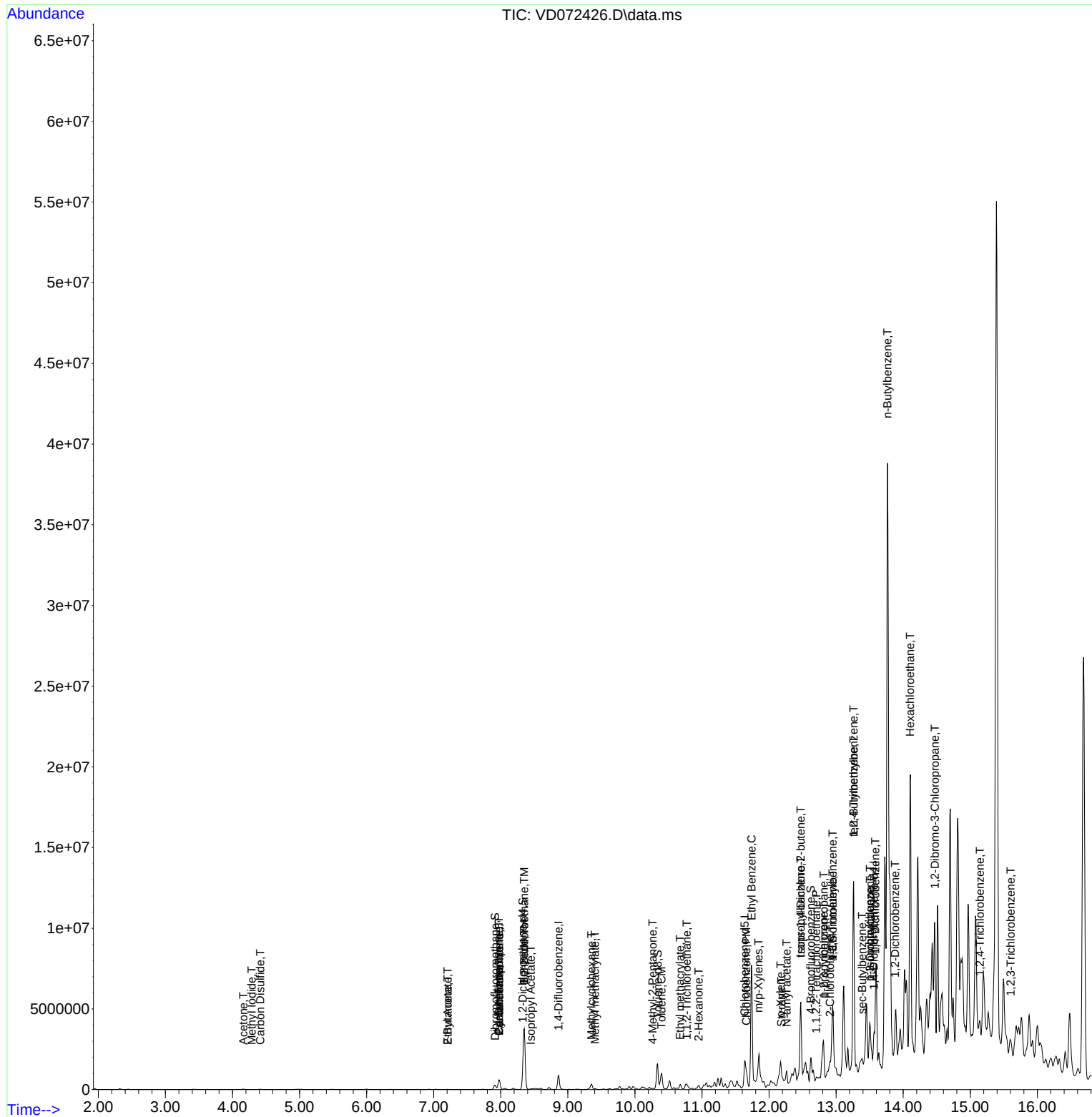
86) p-Isopropyltoluene	13.508	119	982335	40.453	ug/l	94
87) 1,3-Dichlorobenzene	13.508	146	66982	5.442	ug/l #	1
88) 1,4-Dichlorobenzene	13.584	146	123241	10.098	ug/l #	72
89) n-Butylbenzene	13.767	91	5745734	248.235	ug/l #	40
90) Hexachloroethane	14.102	117	1066153	224.008	ug/l #	17
91) 1,2-Dichlorobenzene	13.878	146	24437	2.277	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.473	75	28895	38.801	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.143	180	8058	1.134	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.602	180	10728	1.745	ug/l #	12

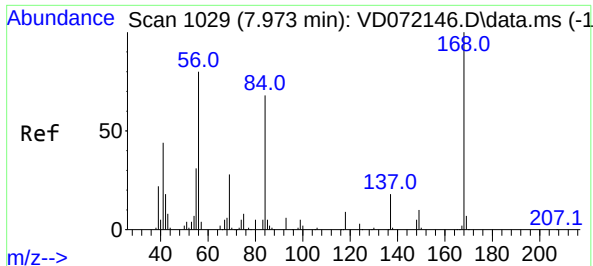
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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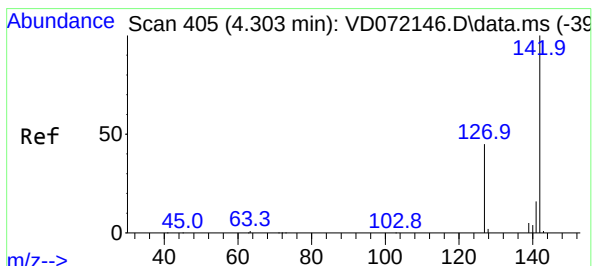
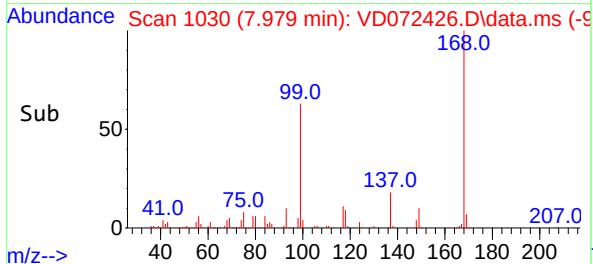
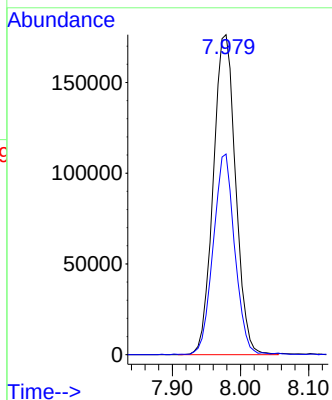
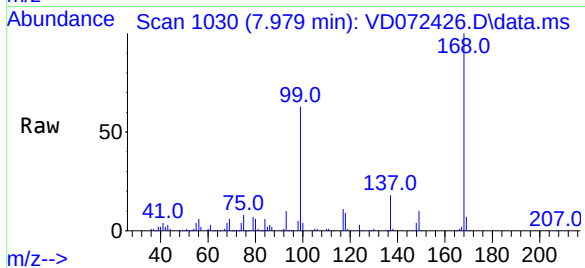




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

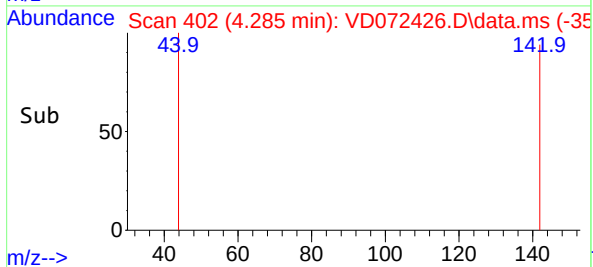
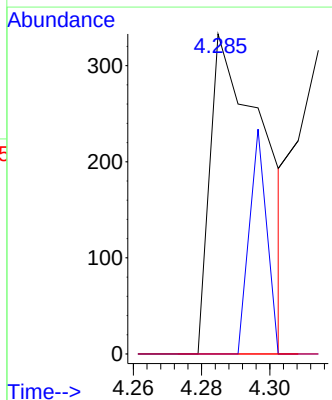
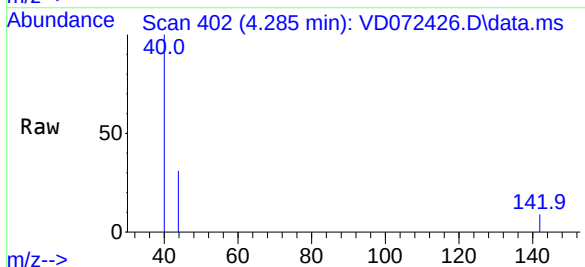
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

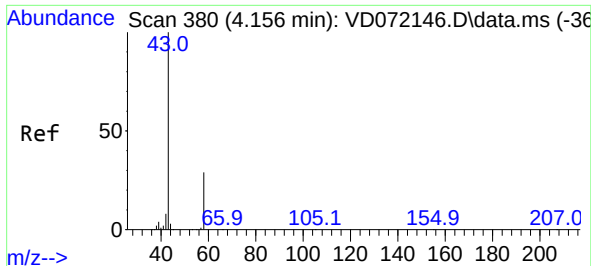
Tgt Ion:168 Resp: 402044
Ion Ratio Lower Upper
168 100
99 62.6 49.8 74.6



#10
Methyl Iodide
Concen: 2.312 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.018 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion:142 Resp: 368
Ion Ratio Lower Upper
142 100
127 22.6 37.3 55.9#
141 0.0 11.7 17.5#

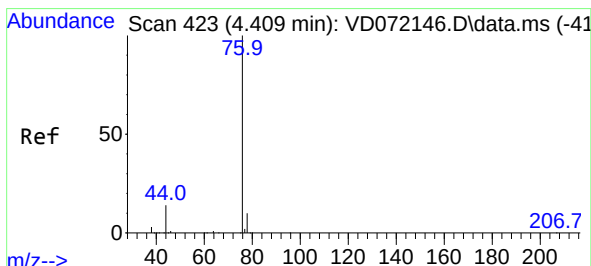
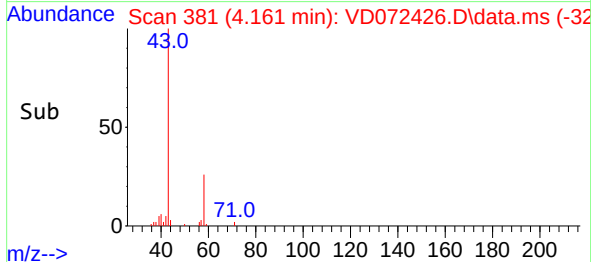
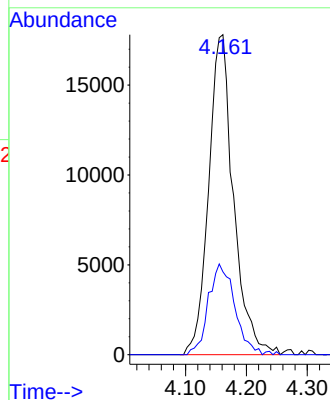
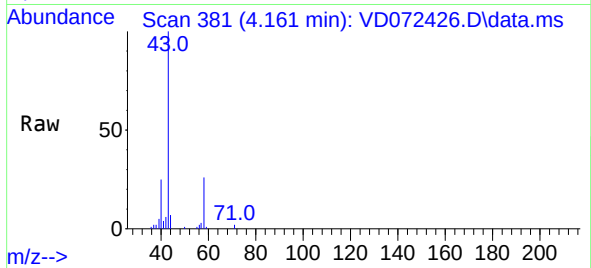




#16
Acetone
Concen: 51.881 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

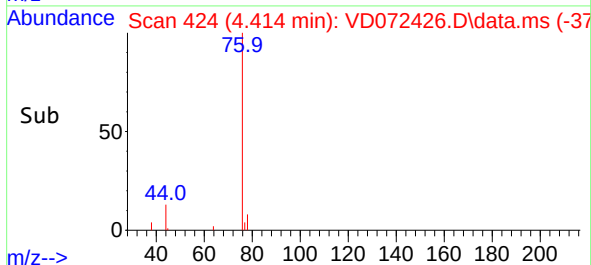
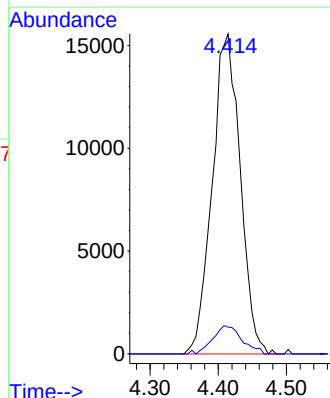
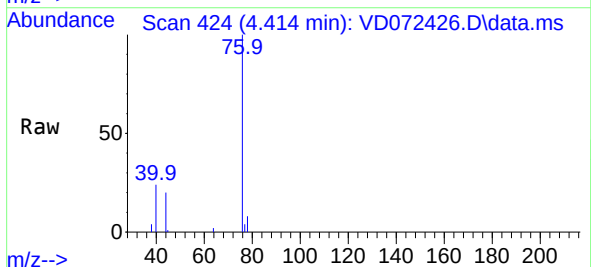
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

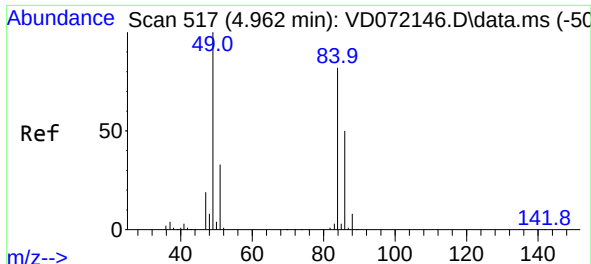
Tgt Ion: 43 Resp: 50471
Ion Ratio Lower Upper
43 100
58 25.9 22.1 33.1



#17
Carbon Disulfide
Concen: 6.504 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion: 76 Resp: 44450
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3

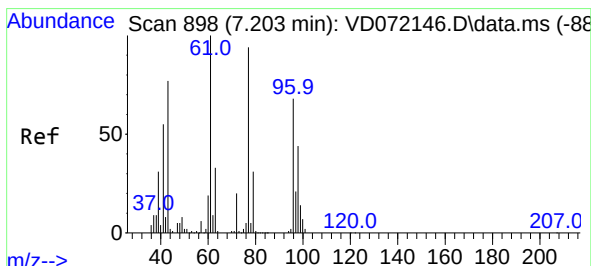
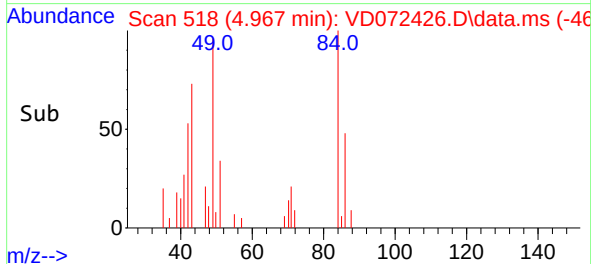
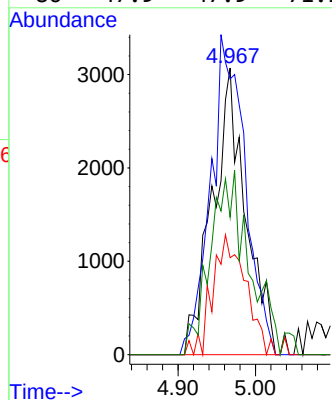
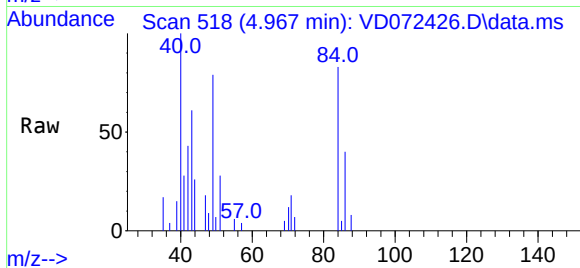




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

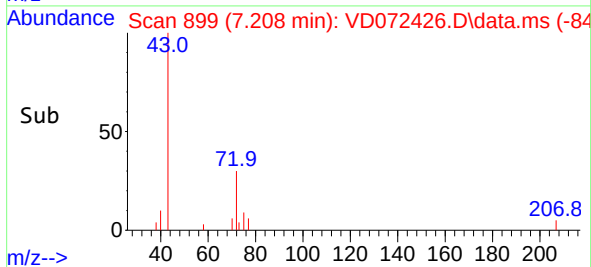
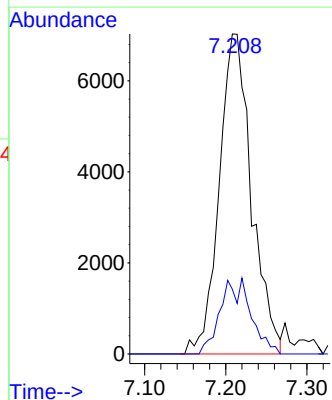
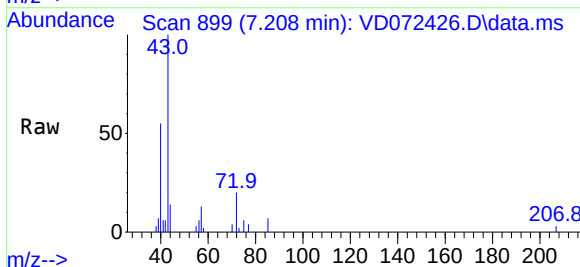
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

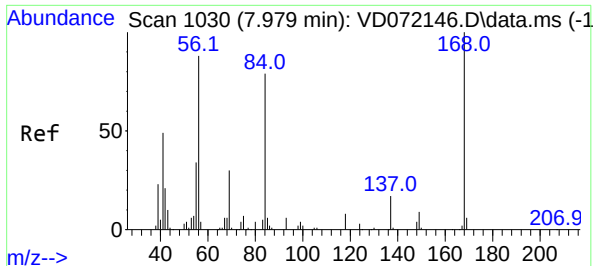
Tgt Ion:	84	Resp:	9148
Ion	Ratio	Lower	Upper
84	100		
49	96.2	112.8	169.2#
51	33.8	32.6	48.8
86	47.9	47.9	71.9



#25
2-Butanone
Concen: 14.972 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion:	43	Resp:	19420
Ion	Ratio	Lower	Upper
43	100		
72	20.2	18.6	27.8





#31

Cyclohexane

Concen: 5.337 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072426.D

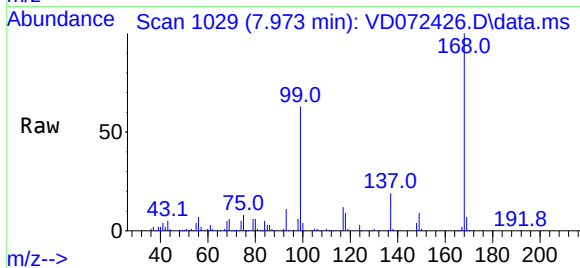
Acq: 25 Mar 2022 13:51

Instrument :

MSVOA_D

ClientSampleId :

SB-12-20220315-16.0-17.0



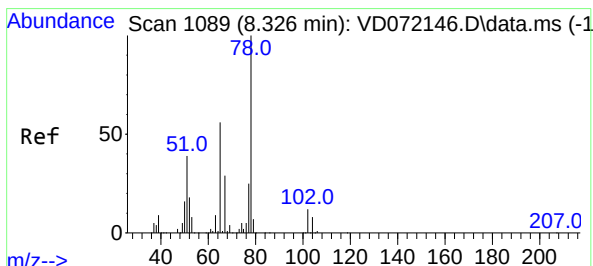
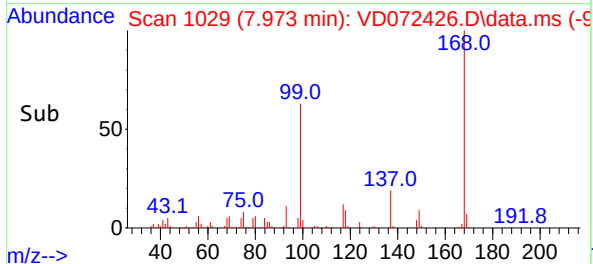
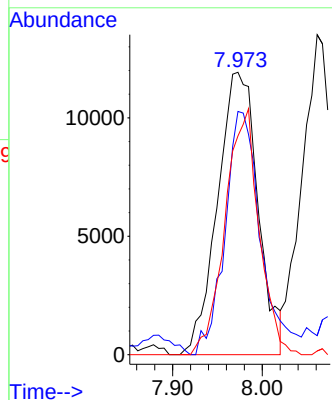
Tgt Ion: 56 Resp: 37361

Ion Ratio Lower Upper

56 100

69 82.7 25.4 38.2#

84 77.4 63.0 94.4



#33

1,2-Dichloroethane-d4

Concen: 41.818 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072426.D

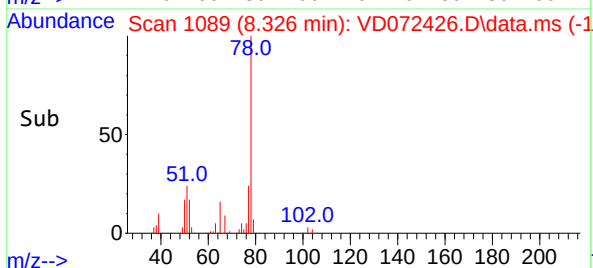
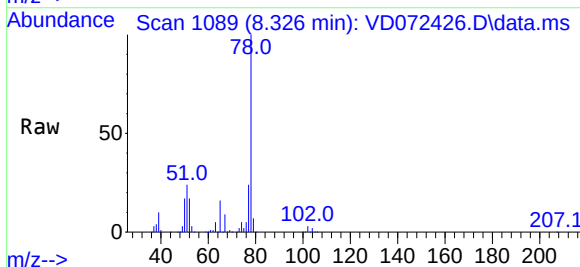
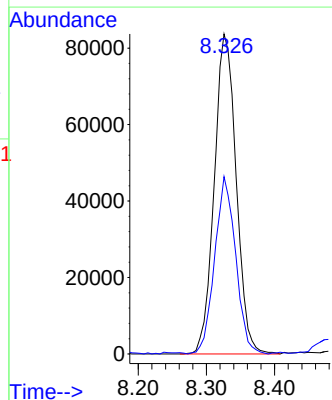
Acq: 25 Mar 2022 13:51

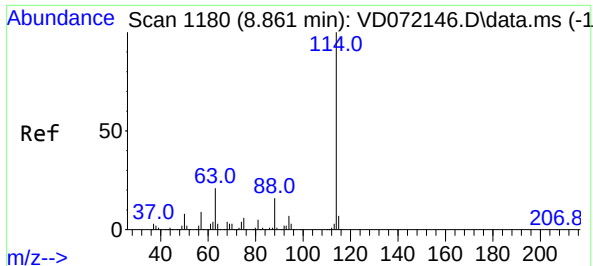
Tgt Ion: 65 Resp: 187366

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072426.D

Acq: 25 Mar 2022 13:51

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MSVOA_D

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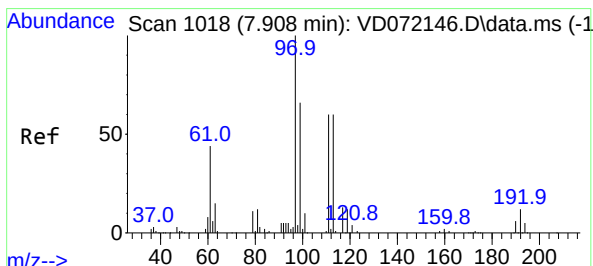
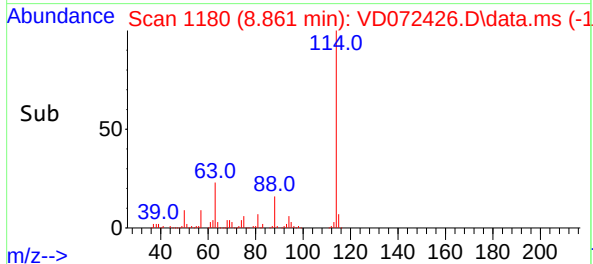
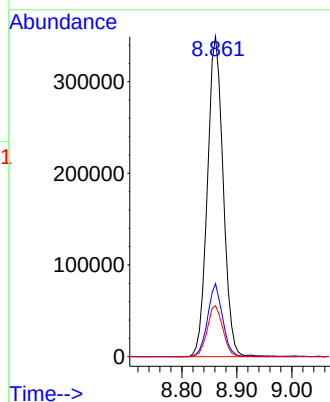
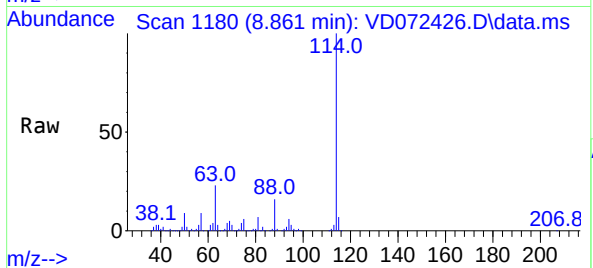
Tgt Ion:114 Resp: 694300

Ion Ratio Lower Upper

114 100

63 22.9 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 41.602 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072426.D

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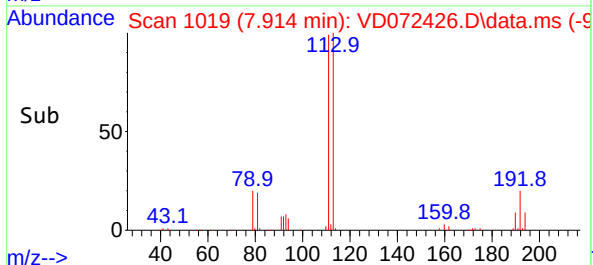
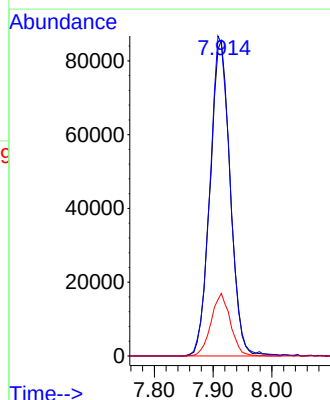
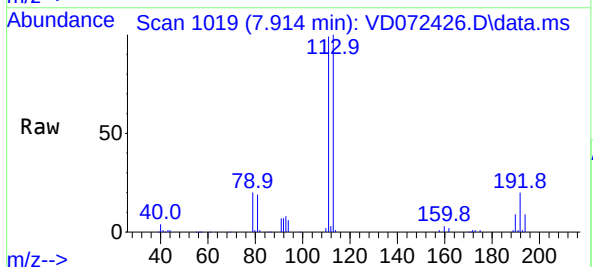
Tgt Ion:113 Resp: 203263

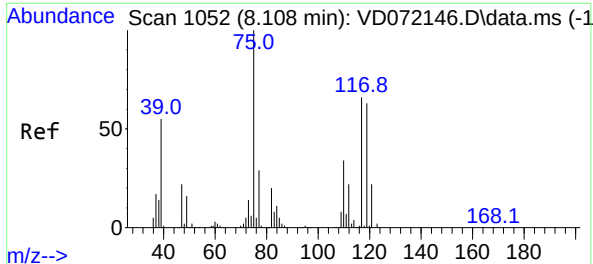
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 19.0 14.6 21.8

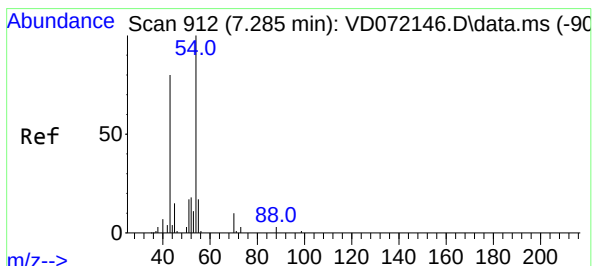
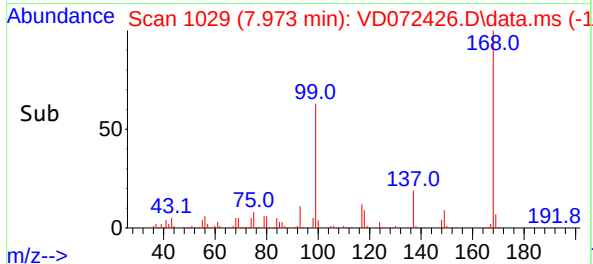
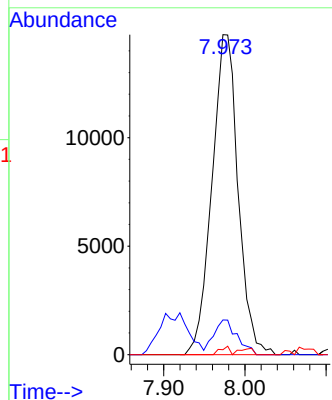
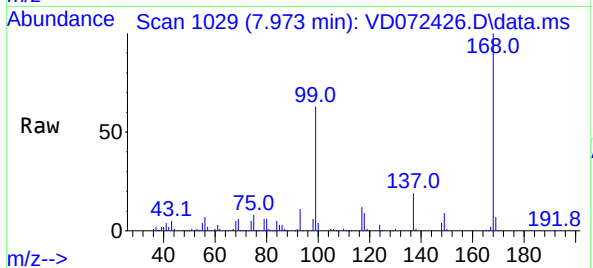




#36
1,1-Dichloropropene
Concen: 4.819 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072426.D
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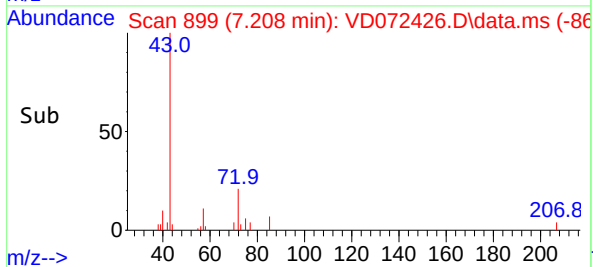
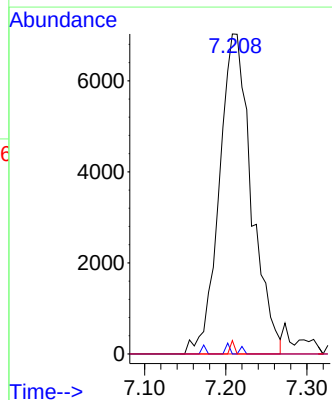
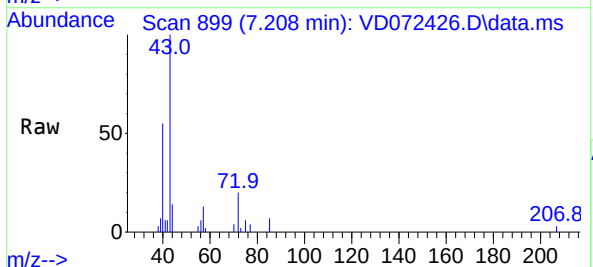
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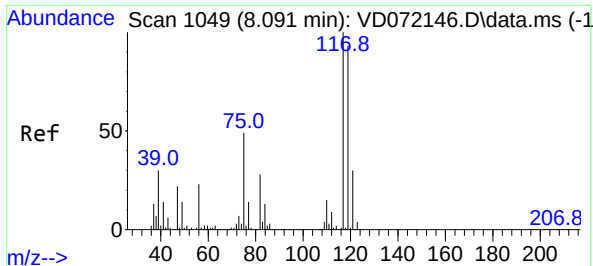
Tgt Ion: 75 Resp: 33027
Ion Ratio Lower Upper
75 100
110 9.7 16.4 49.1#
77 0.0 24.2 36.2#



#37
Ethyl Acetate
Concen: 6.468 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.077 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

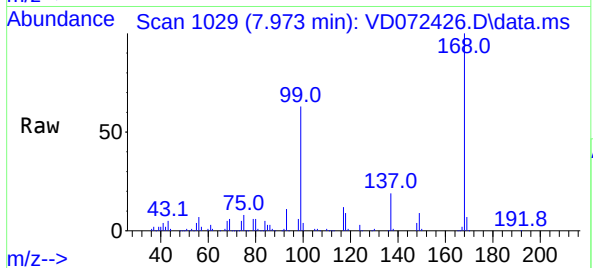
Tgt Ion: 43 Resp: 19420
Ion Ratio Lower Upper
43 100
61 0.4 9.8 14.8#
70 0.5 6.9 10.3#



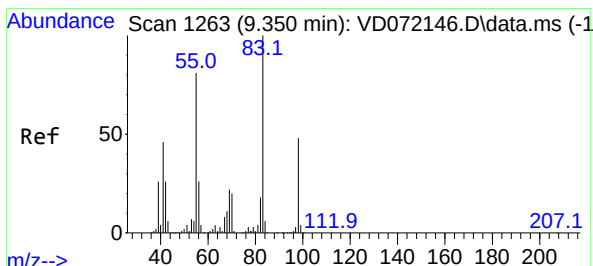
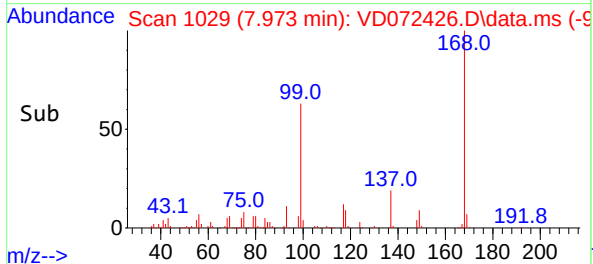
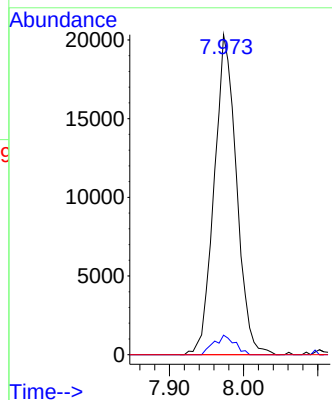


#38
Carbon Tetrachloride
Concen: 5.457 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

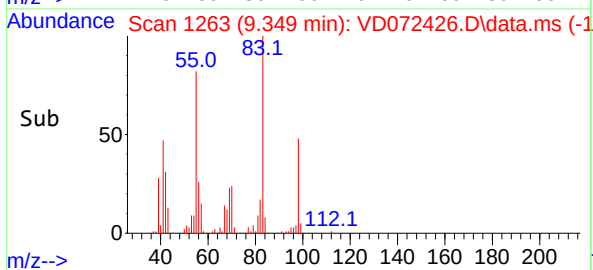
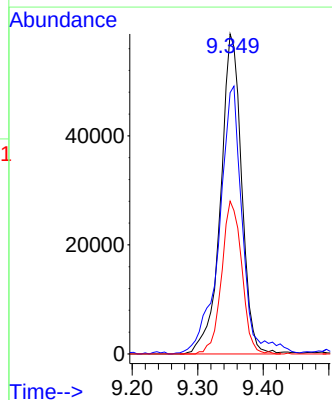
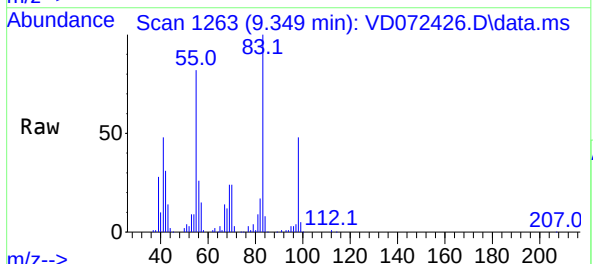


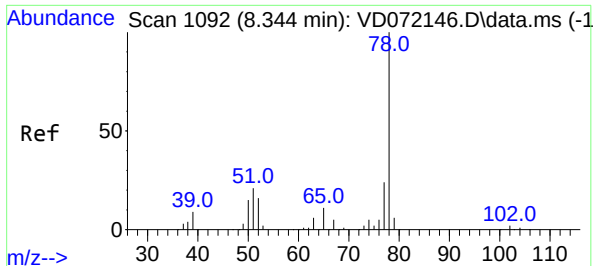
Tgt Ion:117 Resp: 42515
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 16.883 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion: 83 Resp: 130217
Ion Ratio Lower Upper
83 100
55 81.3 63.2 94.8
98 47.8 38.2 57.4

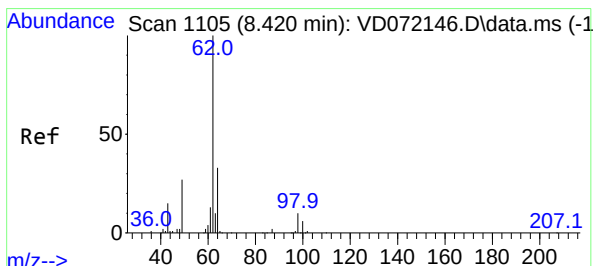
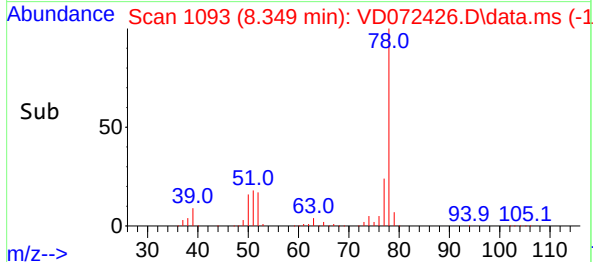
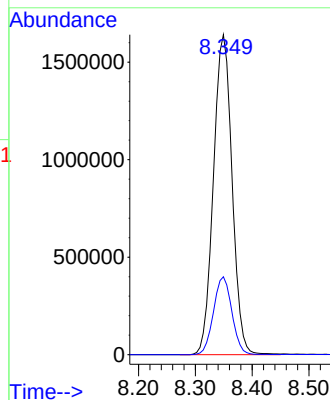
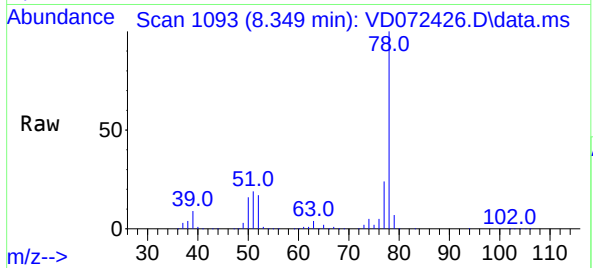




#40
Benzene
Concen: 190.955 ug/l
RT: 8.349 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

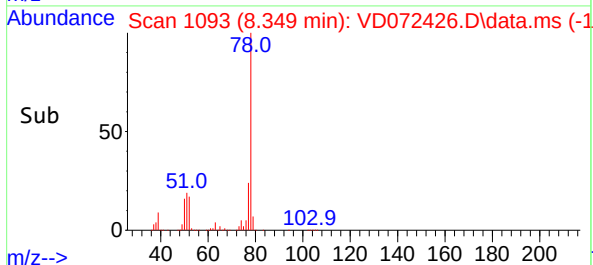
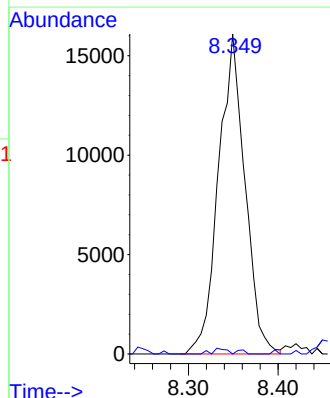
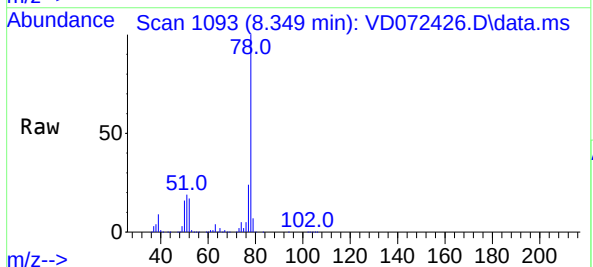
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

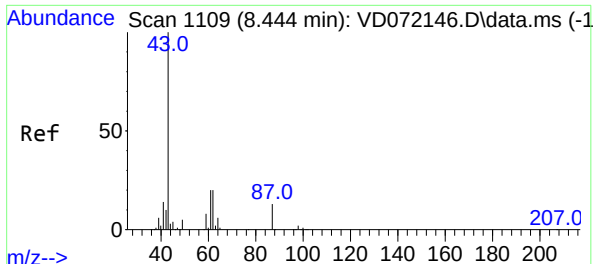
Tgt Ion: 78 Resp: 3733969
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7



#42
1,2-Dichloroethane
Concen: 5.549 ug/l
RT: 8.349 min Scan# 1093
Delta R.T. -0.071 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion: 62 Resp: 32918
Ion Ratio Lower Upper
62 100
98 0.9 0.0 17.6

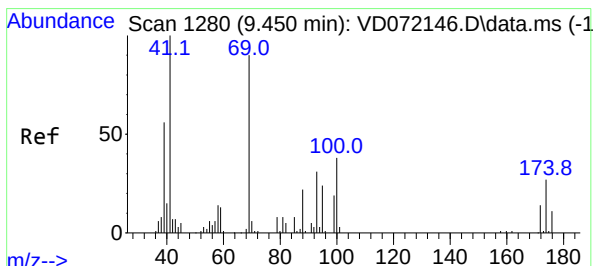
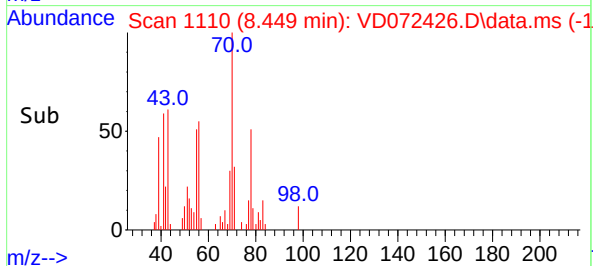
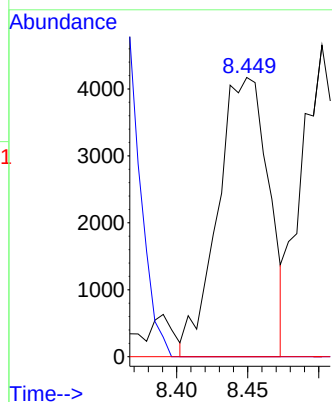
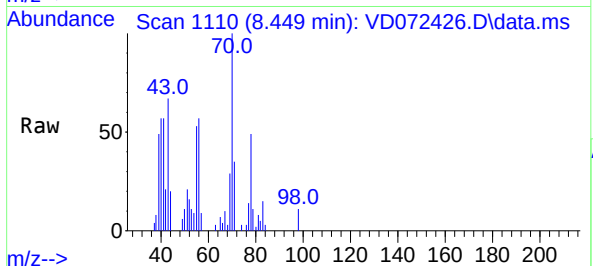




#43
Isopropyl Acetate
Concen: 1.783 ug/l
RT: 8.449 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

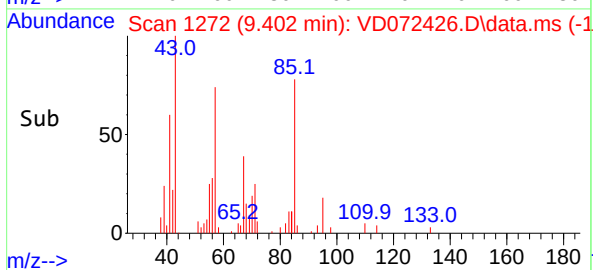
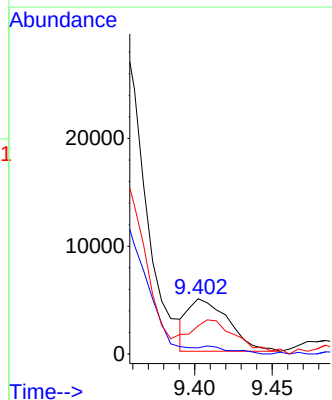
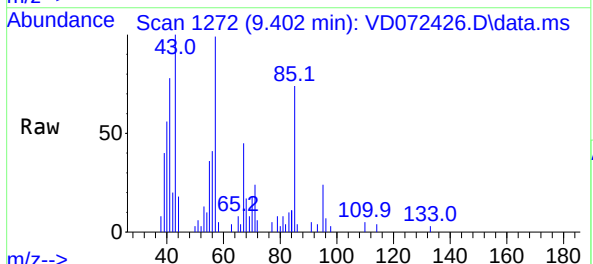
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

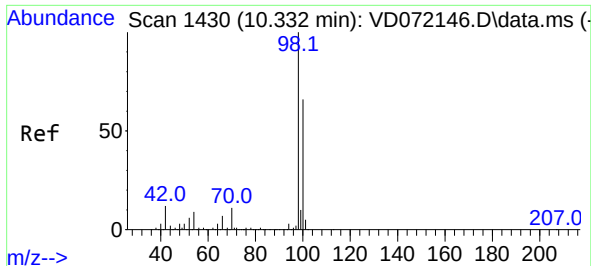
Tgt Ion: 43 Resp: 10390
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 8.7 13.1#



#48
Methyl methacrylate
Concen: 3.153 ug/l
RT: 9.402 min Scan# 1272
Delta R.T. -0.047 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion: 41 Resp: 8773
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 72.3 42.7 64.1#

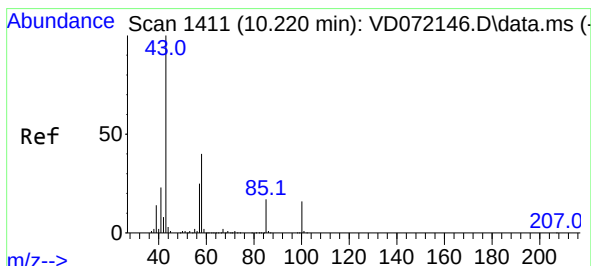
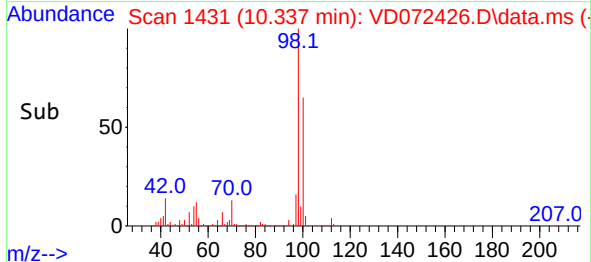
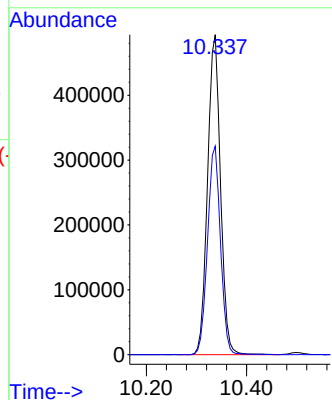
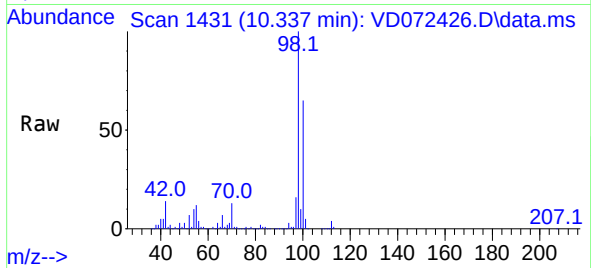




#50
Toluene-d8
Concen: 49.532 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

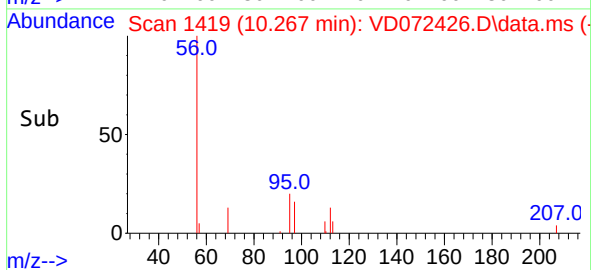
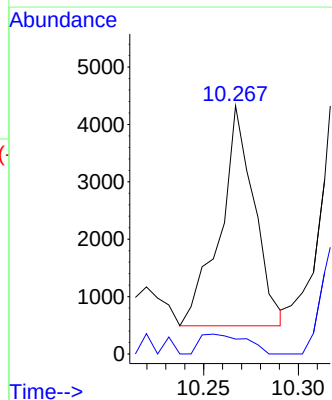
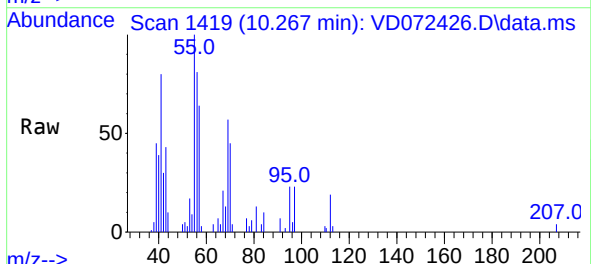
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

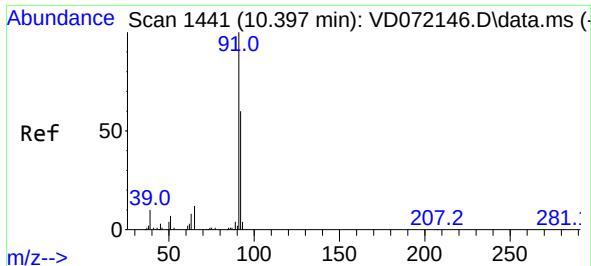
Tgt Ion: 98 Resp: 884888
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.565 ug/l
RT: 10.267 min Scan# 1419
Delta R.T. 0.047 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion: 43 Resp: 4791
Ion Ratio Lower Upper
43 100
58 12.4 28.6 43.0#

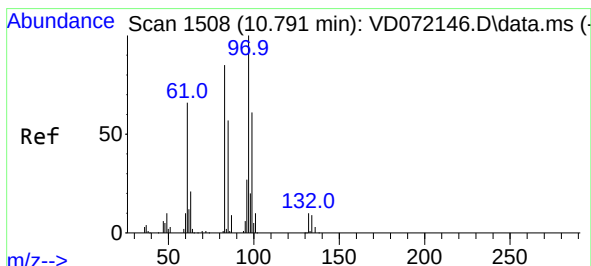
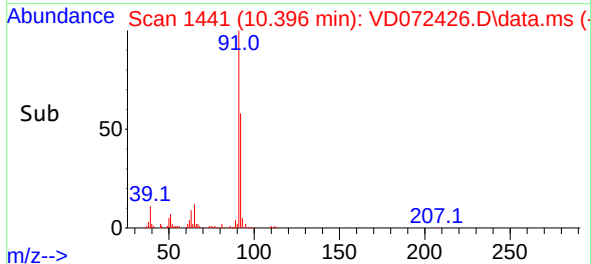
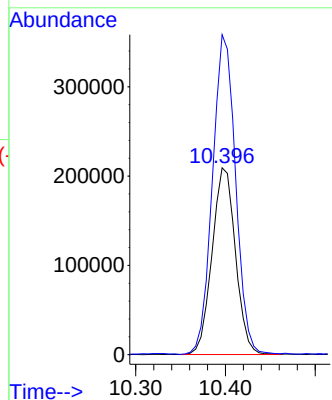
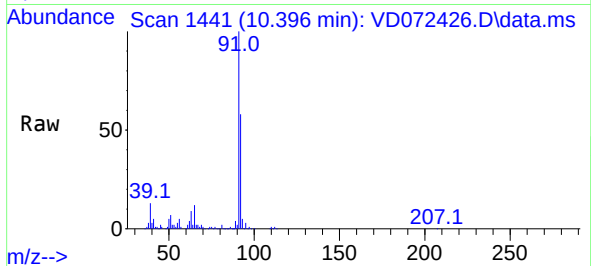




#52
Toluene
Concen: 29.400 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

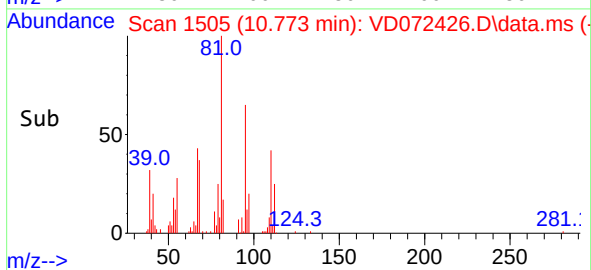
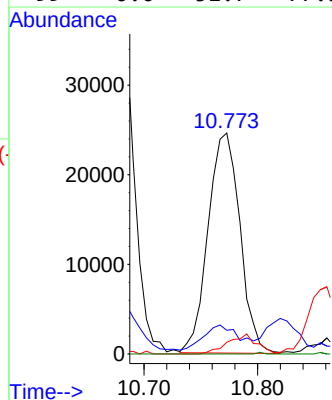
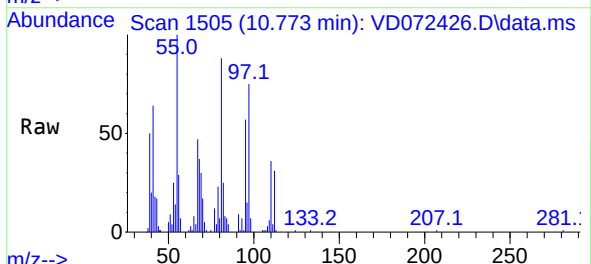
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

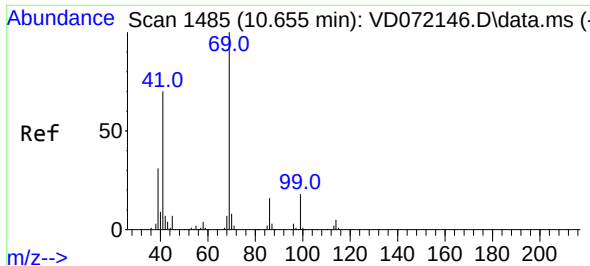
Tgt Ion: 92 Resp: 378299
Ion Ratio Lower Upper
92 100
91 169.1 139.6 209.4



#55
1,1,2-Trichloroethane
Concen: 11.911 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.018 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion: 97 Resp: 47866
Ion Ratio Lower Upper
97 100
83 9.0 69.0 103.4#
85 5.4 42.6 63.8#
99 0.0 51.7 77.5#

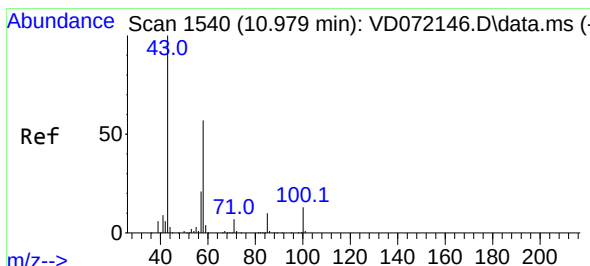
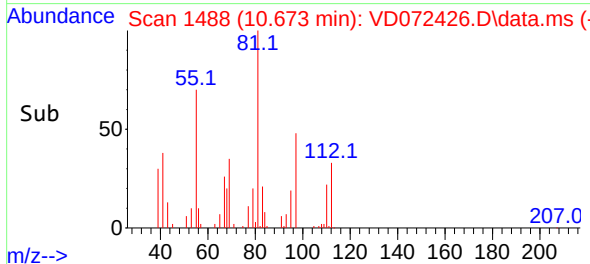
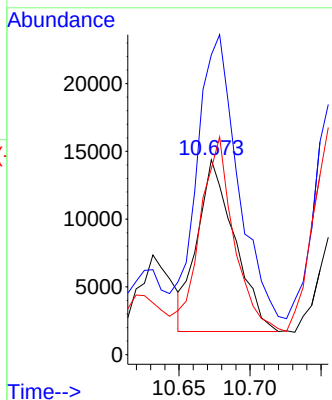
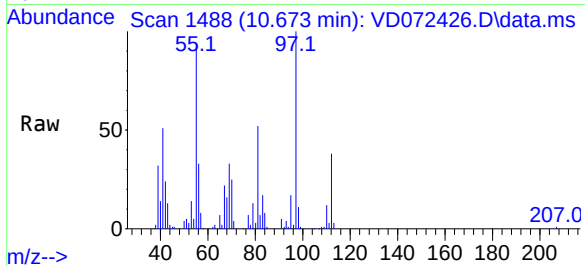




#56
Ethyl methacrylate
Concen: 4.934 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.017 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

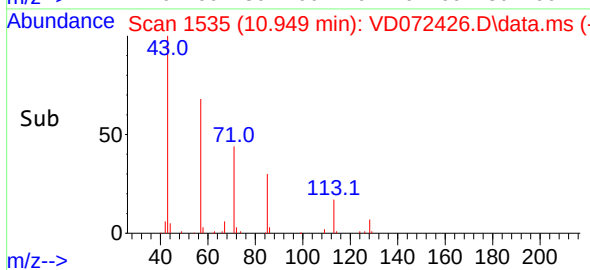
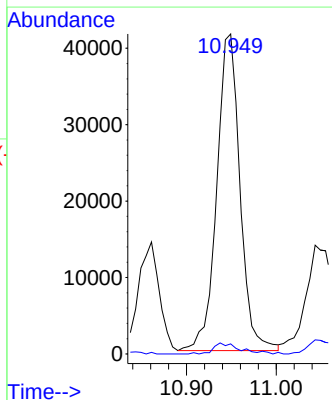
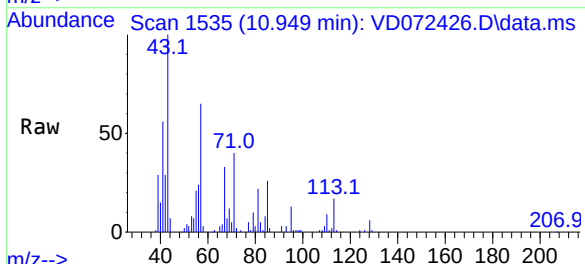
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

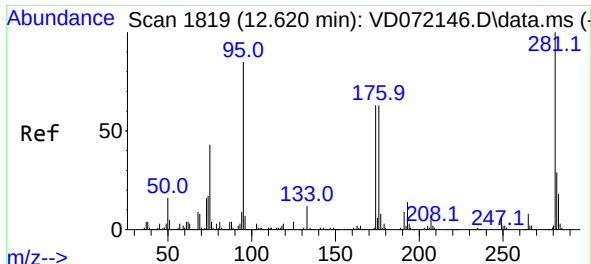
Tgt Ion: 69 Resp: 23225
Ion Ratio Lower Upper
69 100
41 184.8 63.0 94.6#
39 108.2 33.8 50.8#



#59
2-Hexanone
Concen: 35.320 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.030 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion: 43 Resp: 74665
Ion Ratio Lower Upper
43 100
58 4.0 25.3 75.9#

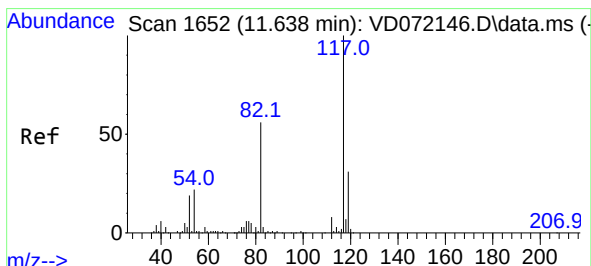
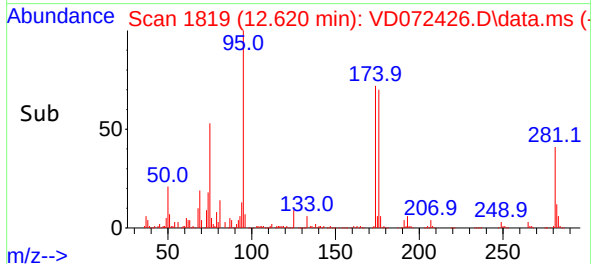
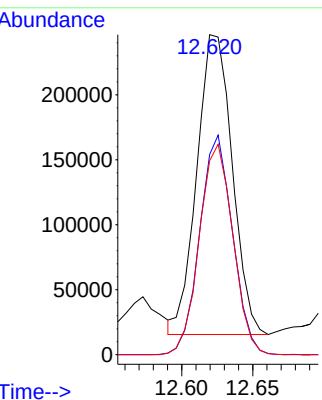
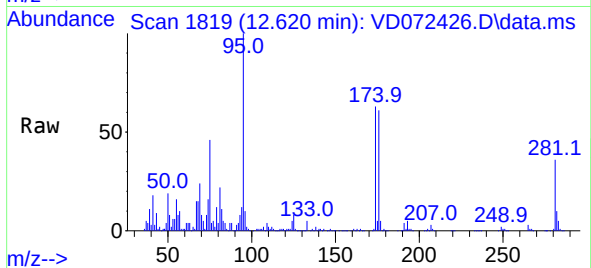




#62
4-Bromofluorobenzene
Concen: 57.504 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

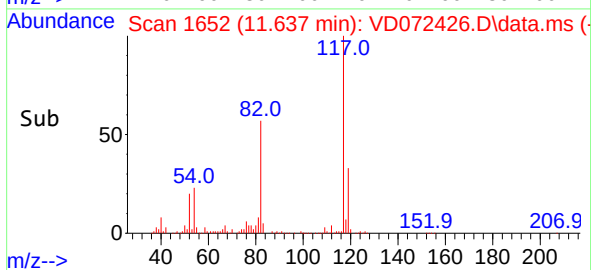
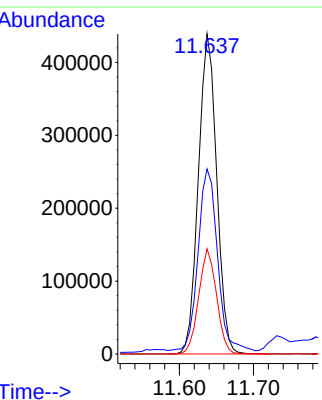
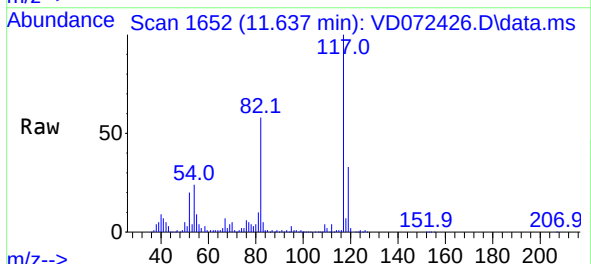
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

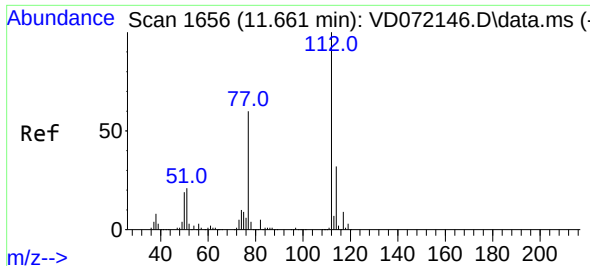
Tgt Ion:	95	Resp:	399167
Ion Ratio	Lower	Upper	
95	100		
174	68.0	0.0	152.8
176	66.5	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion:	117	Resp:	753057
Ion Ratio	Lower	Upper	
117	100		
82	56.7	45.3	67.9
119	32.8	26.6	40.0

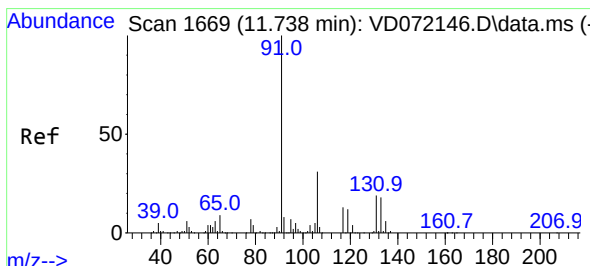
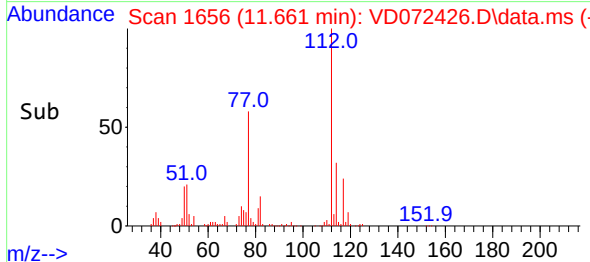
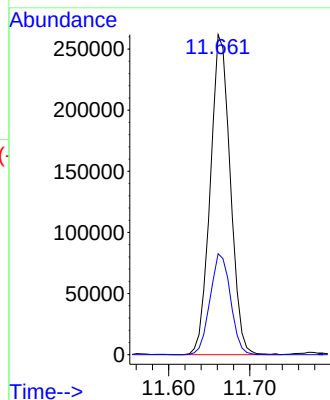
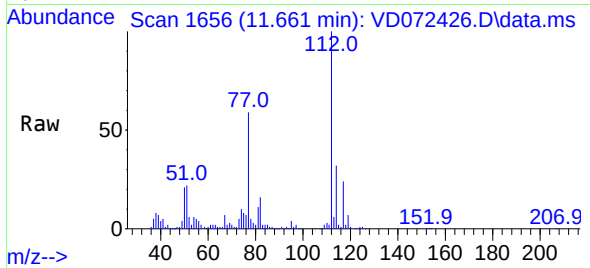




#65
Chlorobenzene
Concen: 26.831 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

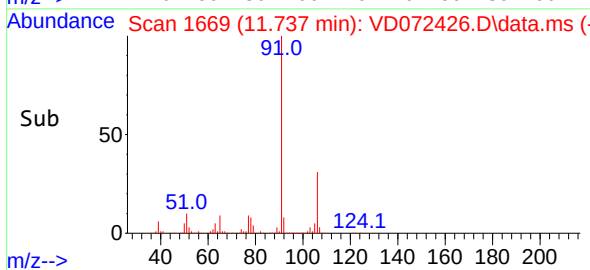
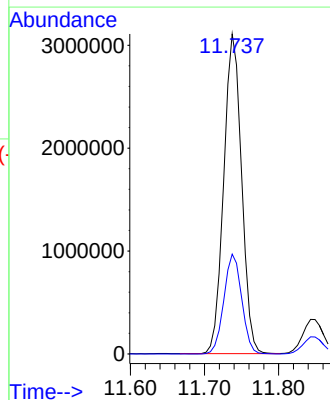
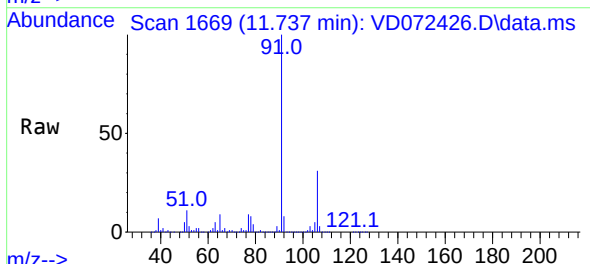
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

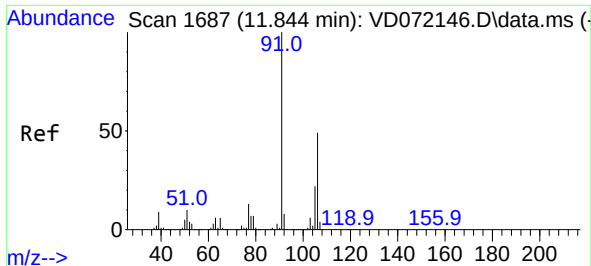
Tgt Ion:112 Resp: 447946
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#67
Ethyl Benzene
Concen: 174.267 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion: 91 Resp: 5196280
Ion Ratio Lower Upper
91 100
106 31.2 24.2 36.4

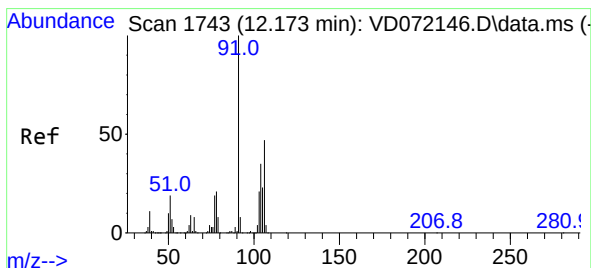
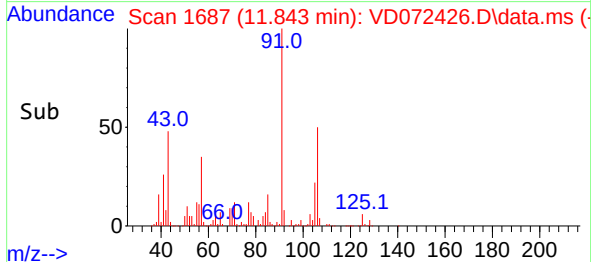
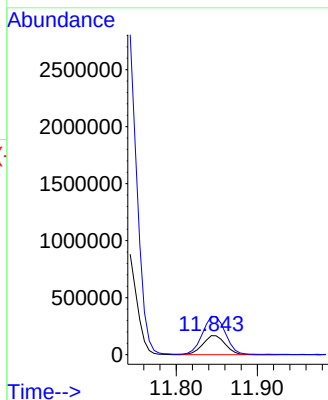
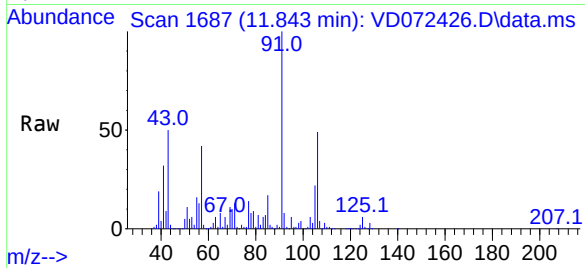




#68
m/p-Xylenes
Concen: 28.354 ug/l
RT: 11.843 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

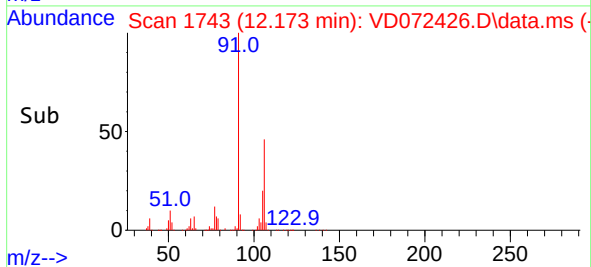
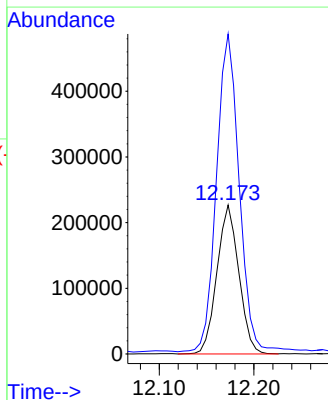
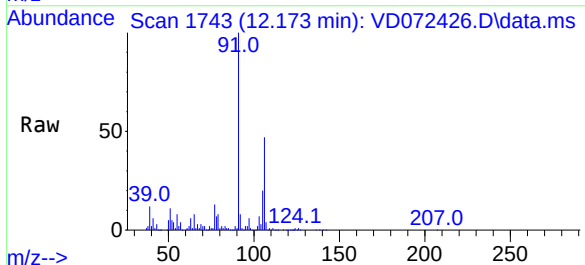
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

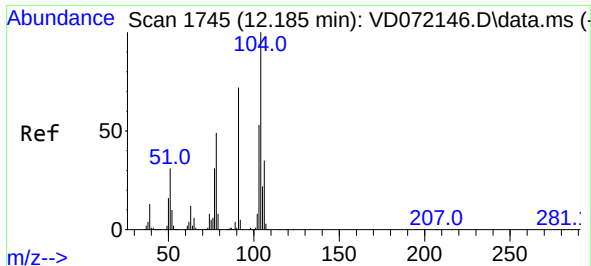
Tgt Ion:106 Resp: 321040
Ion Ratio Lower Upper
106 100
91 201.6 163.7 245.5



#69
o-Xylene
Concen: 33.589 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion:106 Resp: 363769
Ion Ratio Lower Upper
106 100
91 221.3 110.4 331.2

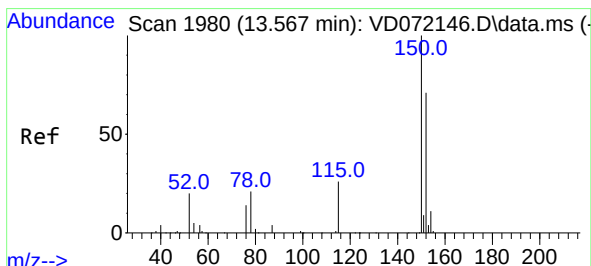
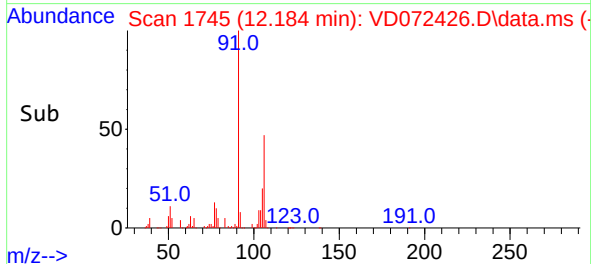
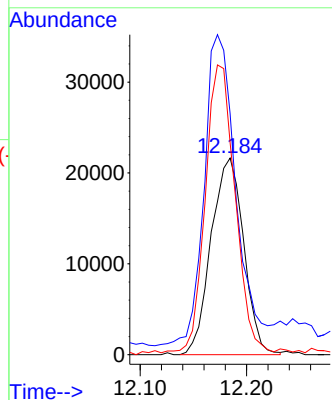
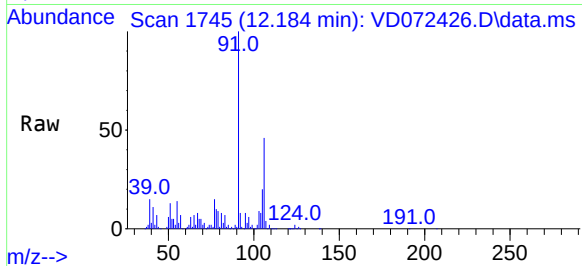




#70
Styrene
Concen: 2.430 ug/l
RT: 12.184 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

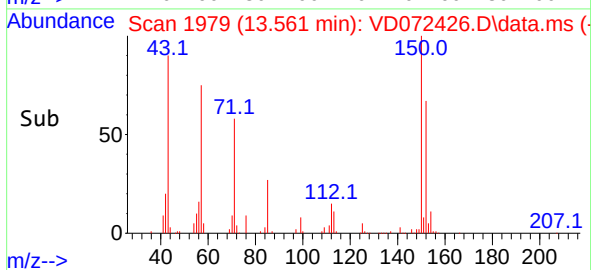
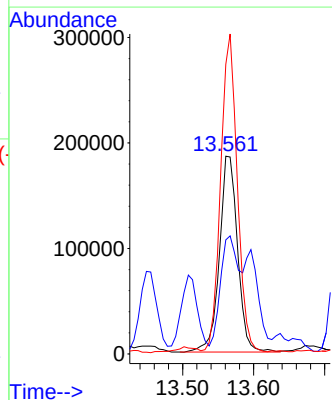
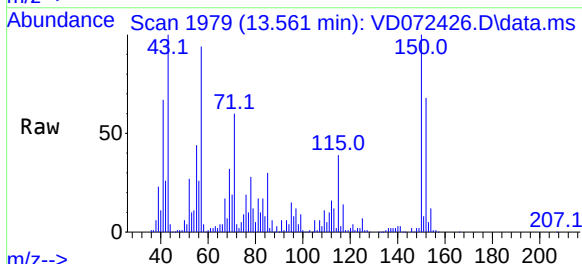
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

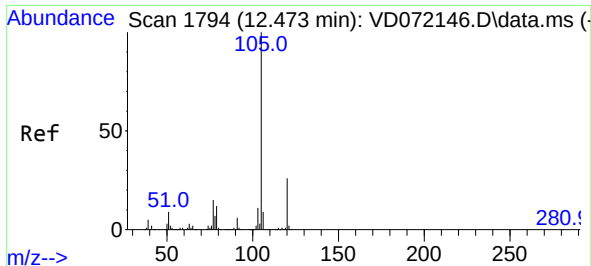
Tgt Ion:104 Resp: 45958
Ion Ratio Lower Upper
104 100
78 152.7 41.8 62.8#
103 133.4 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion:152 Resp: 329240
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 148.1 0.0 348.6

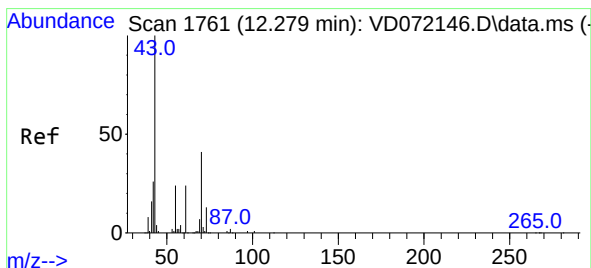
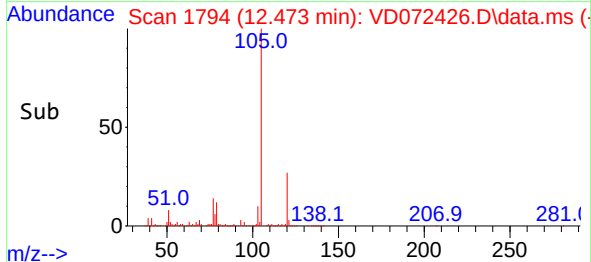
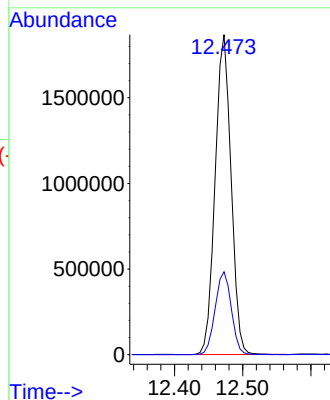
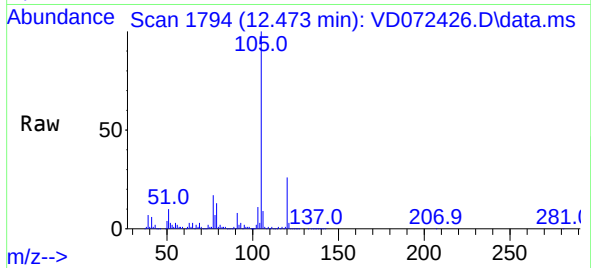




#73
Isopropylbenzene
Concen: 116.232 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

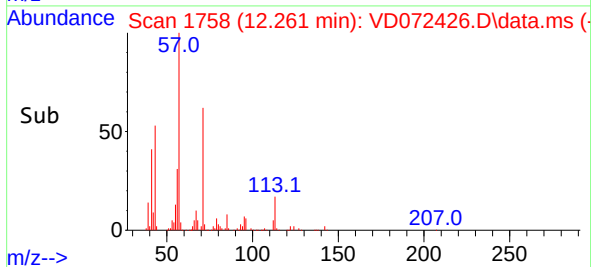
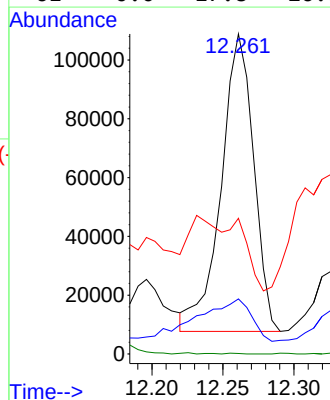
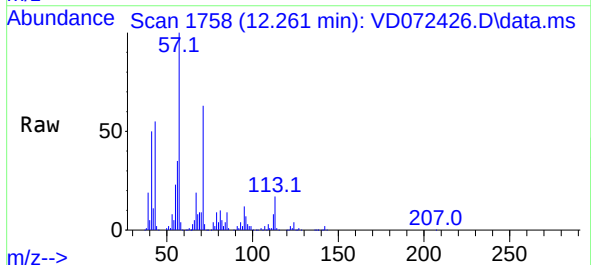
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

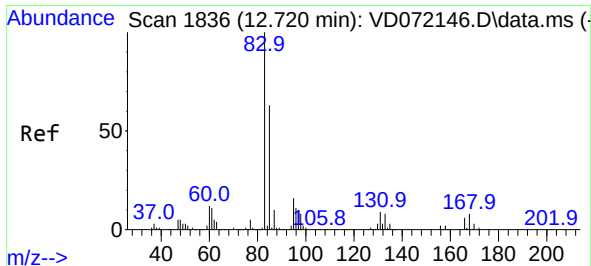
Tgt Ion:105 Resp: 3032559
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 28.793 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion: 43 Resp: 161439
Ion Ratio Lower Upper
43 100
70 23.0 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#

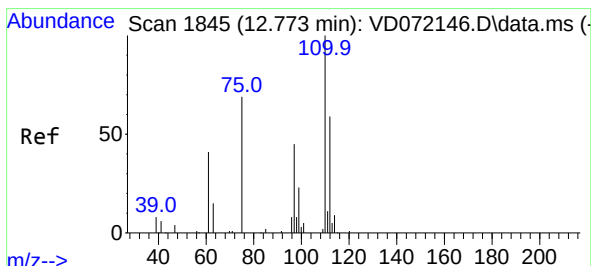
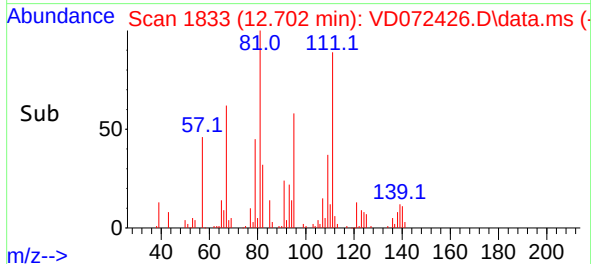
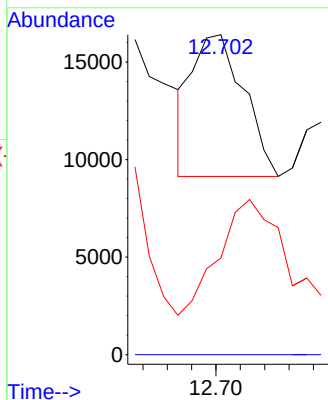
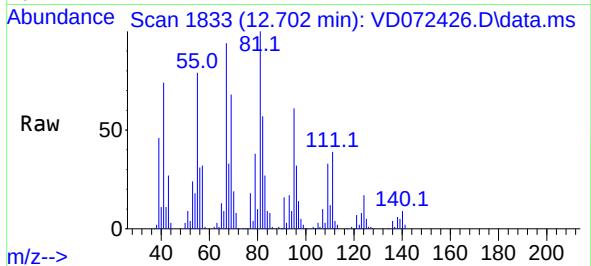




#75
1,1,2,2-Tetrachloroethane
Concen: 2.281 ug/l
RT: 12.702 min Scan# 1833
Delta R.T. -0.018 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

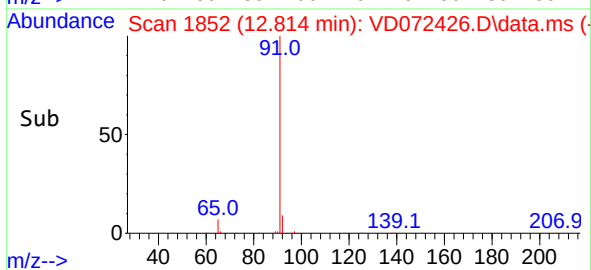
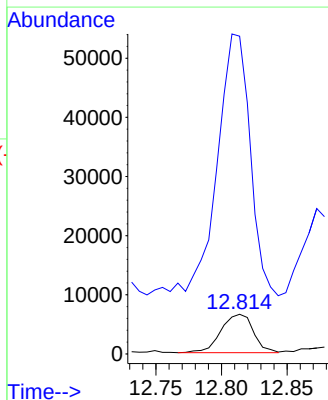
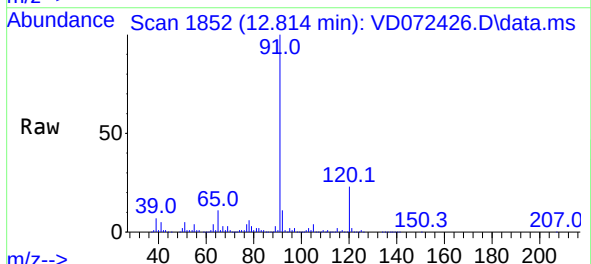
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

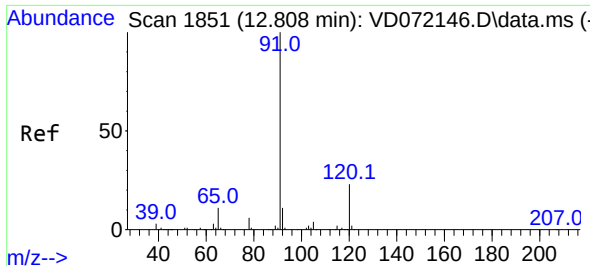
Tgt Ion: 83 Resp: 10644
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 103.1 32.6 98.0#



#76
1,2,3-Trichloropropane
Concen: 3.089 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.041 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion: 75 Resp: 11220
Ion Ratio Lower Upper
75 100
77 697.5 0.0 0.0#

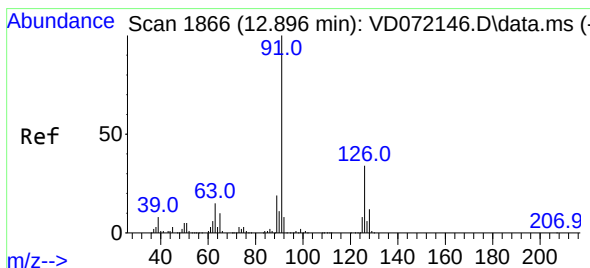
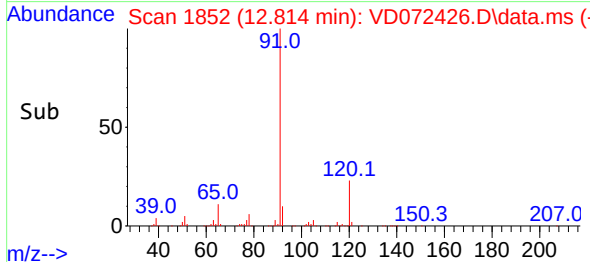
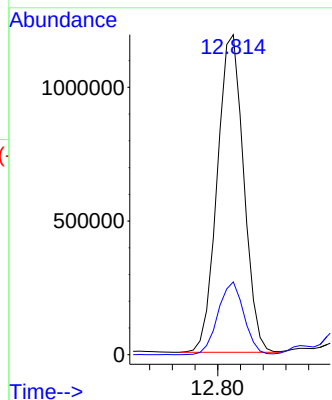
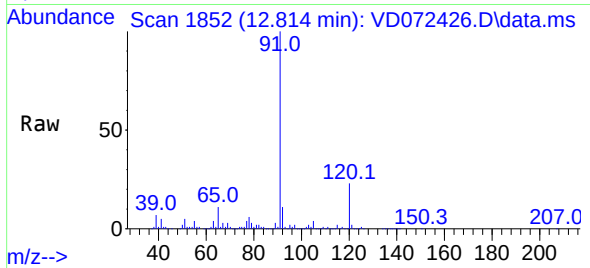




#78
n-propylbenzene
Concen: 60.668 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

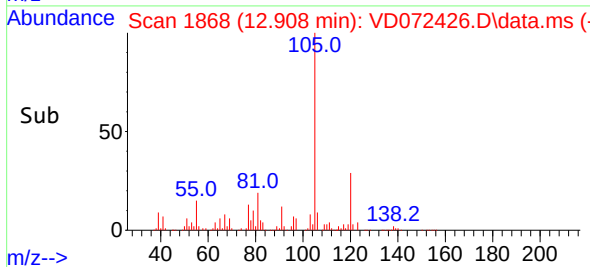
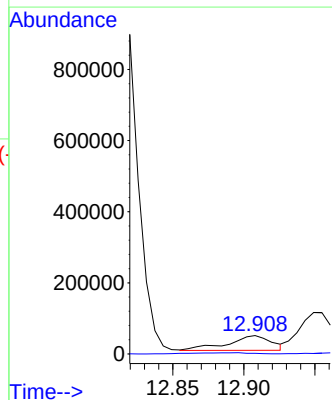
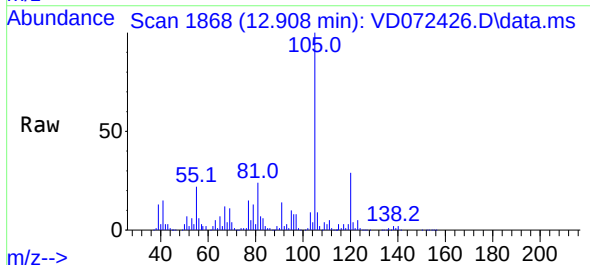
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

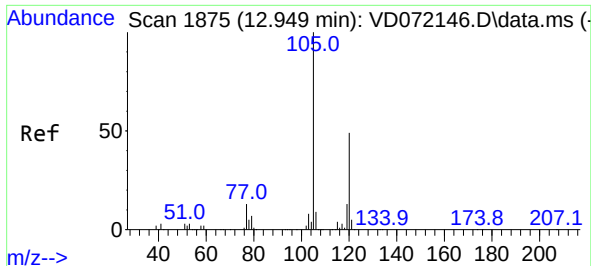
Tgt Ion: 91 Resp: 1922627
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9



#79
2-Chlorotoluene
Concen: 4.892 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.011 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion: 91 Resp: 89648
Ion Ratio Lower Upper
91 100
126 10.0 16.2 48.6#

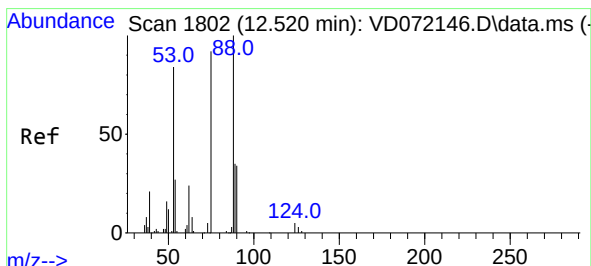
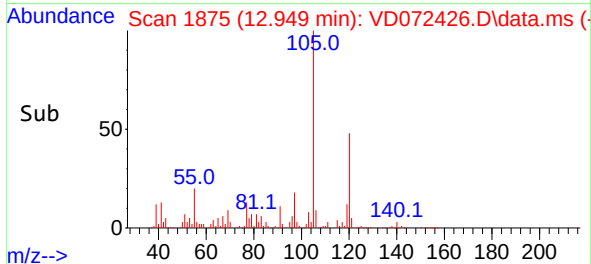
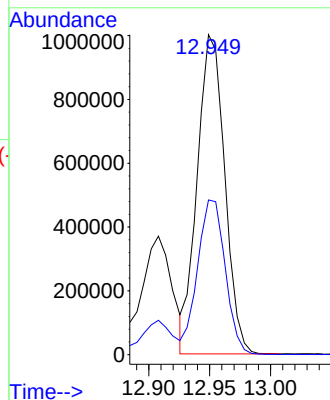
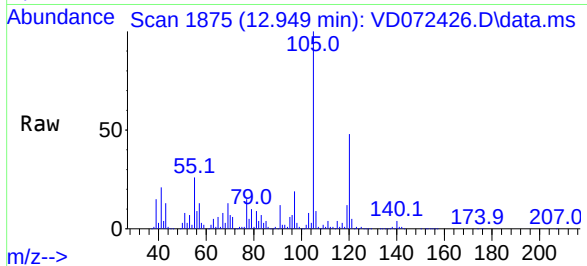




#80
1,3,5-Trimethylbenzene
Concen: 70.112 ug/l
RT: 12.949 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

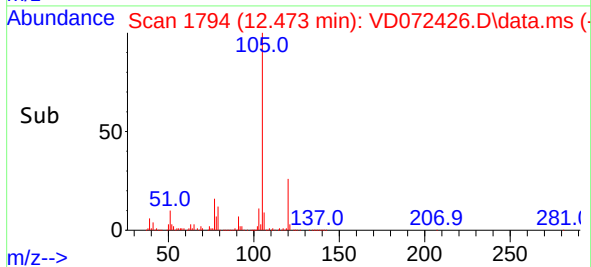
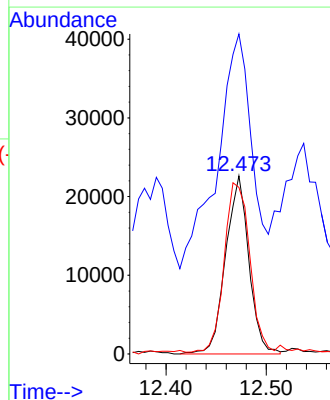
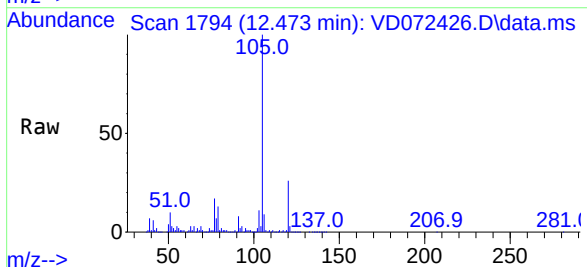
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

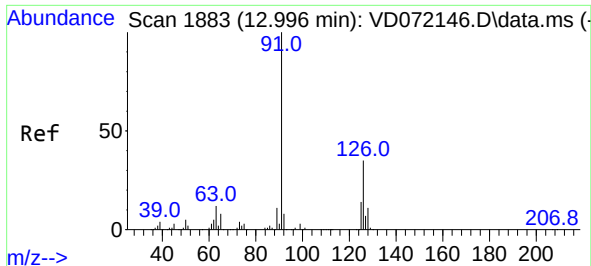
Tgt Ion:105 Resp: 1571511
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 24.882 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.047 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion: 75 Resp: 36422
Ion Ratio Lower Upper
75 100
53 203.4 86.5 129.7#
89 103.6 33.9 50.9#

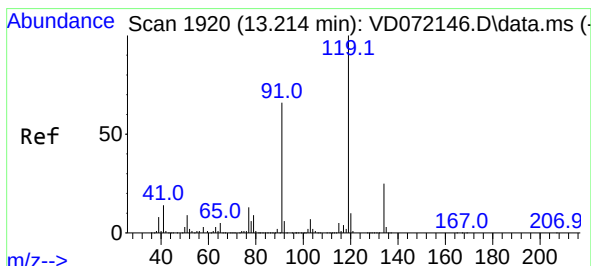
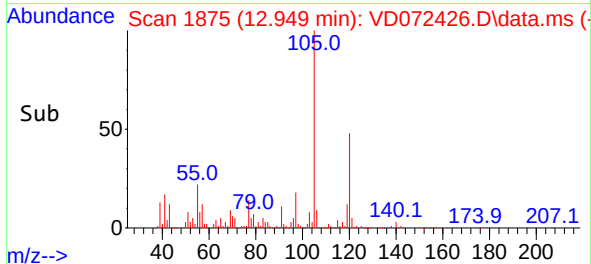
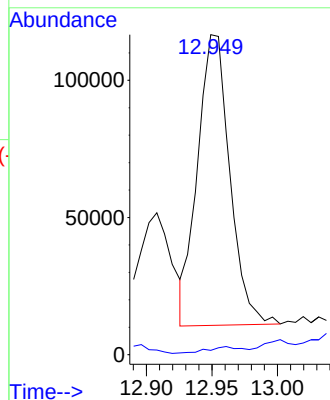
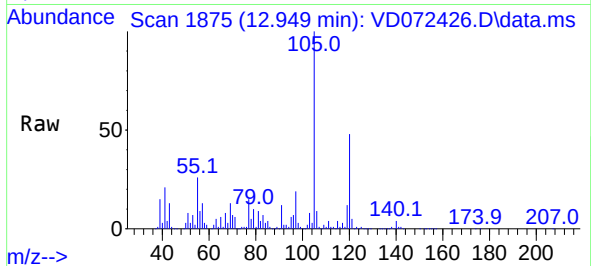




#82
4-Chlorotoluene
Concen: 9.565 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.047 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

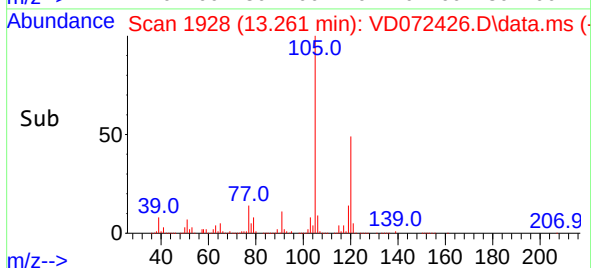
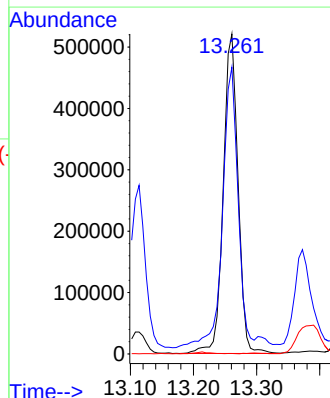
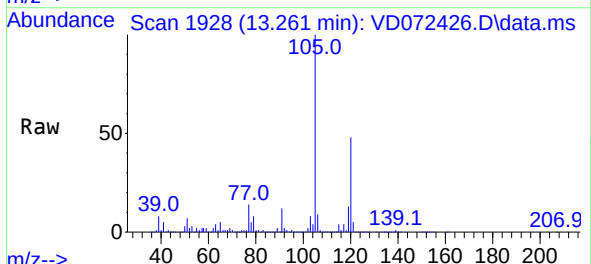
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

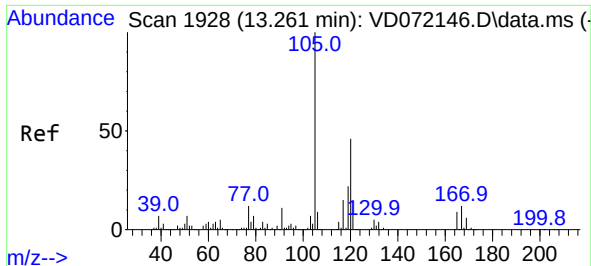
Tgt Ion: 91 Resp: 181483
Ion Ratio Lower Upper
91 100
126 2.7 16.5 49.5#



#83
tert-Butylbenzene
Concen: 43.139 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.047 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion: 119 Resp: 847727
Ion Ratio Lower Upper
119 100
91 91.9 34.8 104.5
134 0.0 13.3 39.9#

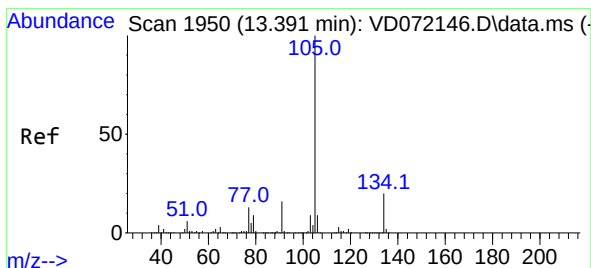
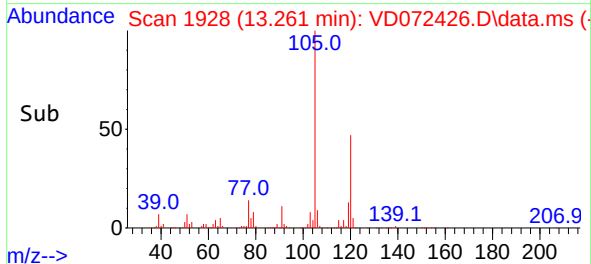
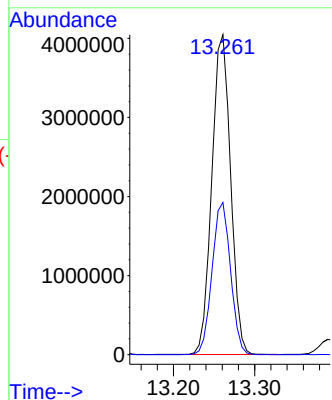
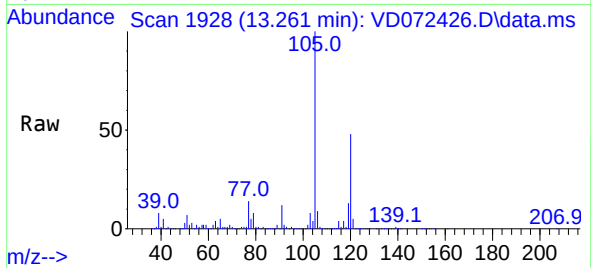




#84
1,2,4-Trimethylbenzene
Concen: 293.961 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

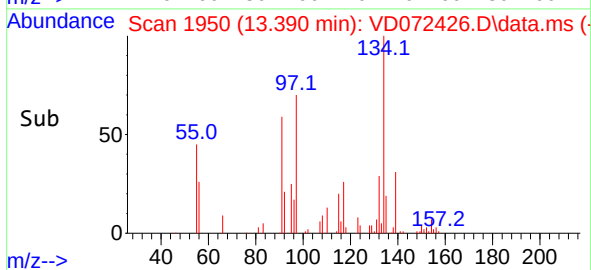
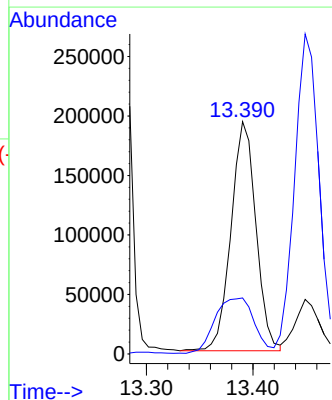
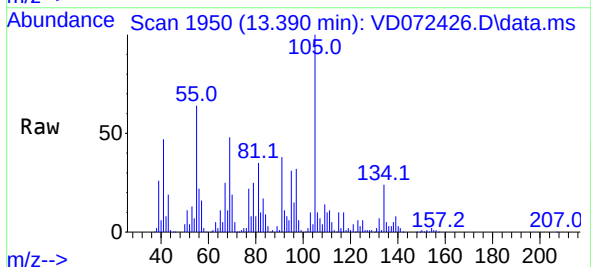
Instrument :
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ClientSampleId :
SB-12-20220315-16.0-17.0

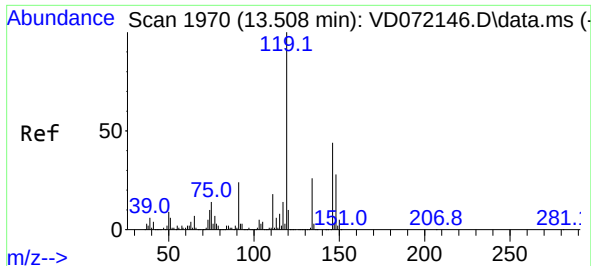
Tgt Ion:105 Resp: 6492232
Ion Ratio Lower Upper
105 100
120 46.8 22.3 66.8



#85
sec-Butylbenzene
Concen: 10.617 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion:105 Resp: 313306
Ion Ratio Lower Upper
105 100
134 38.0 9.8 29.3#

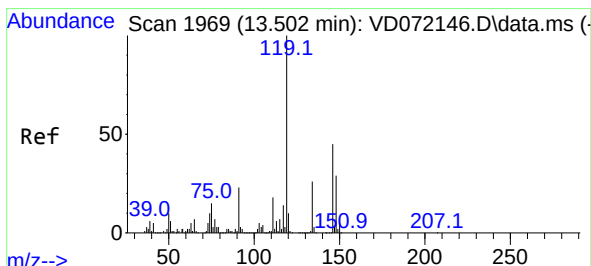
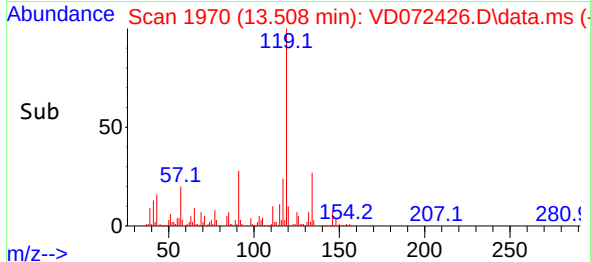
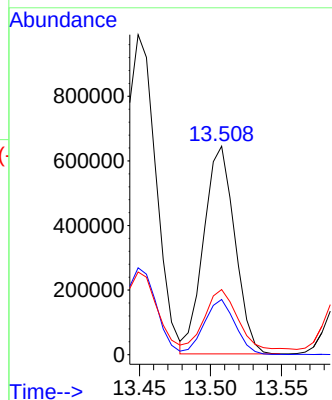
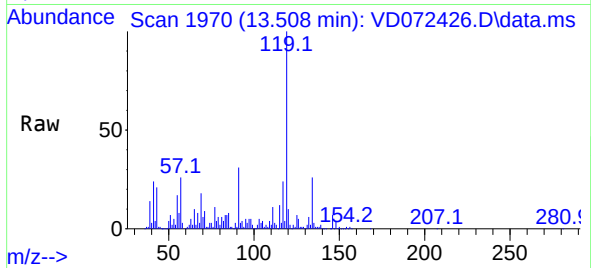




#86
p-Isopropyltoluene
Concen: 40.453 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

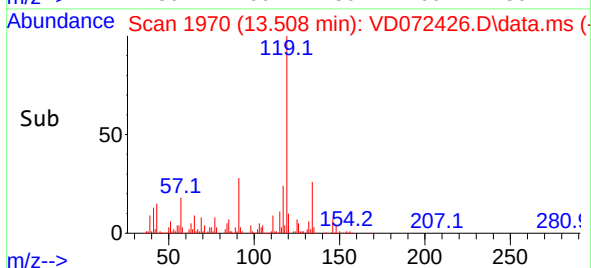
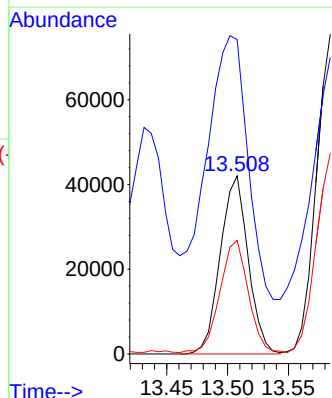
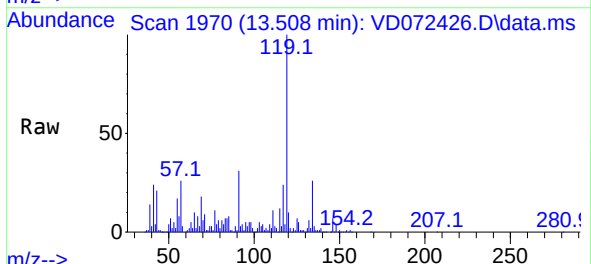
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

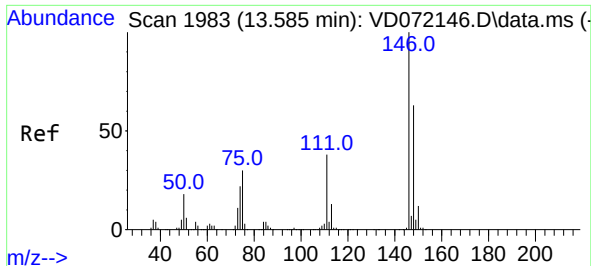
Tgt Ion:119 Resp: 982335
Ion Ratio Lower Upper
119 100
134 26.4 12.9 38.6
91 29.7 12.1 36.3



#87
1,3-Dichlorobenzene
Concen: 5.442 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.006 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion:146 Resp: 66982
Ion Ratio Lower Upper
146 100
111 212.9 20.4 61.3#
148 63.9 31.9 95.7

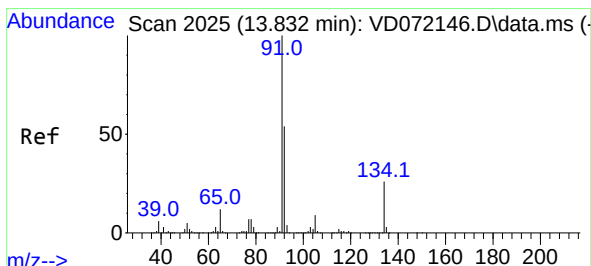
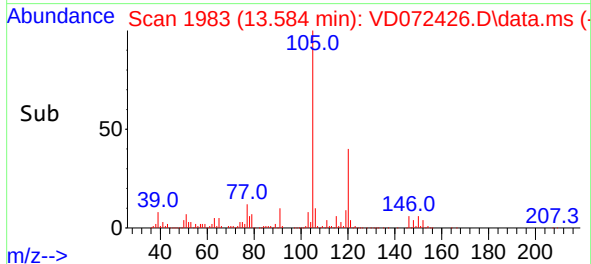
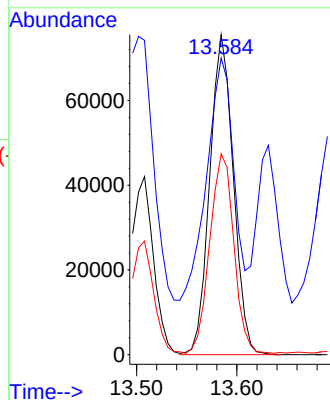
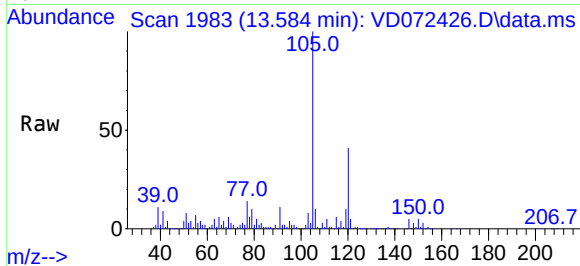




#88
1,4-Dichlorobenzene
Concen: 10.098 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

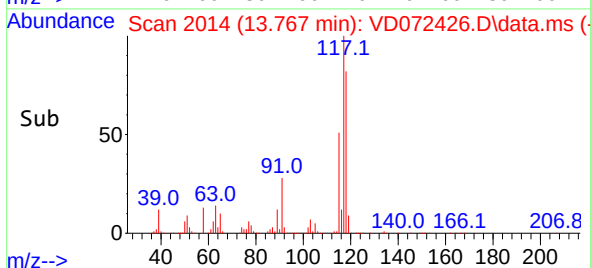
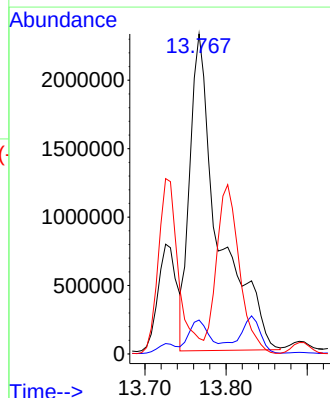
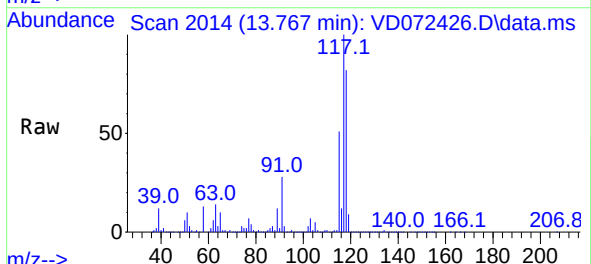
Instrument : MSVOA_D
ClientSampleId : SB-12-20220315-16.0-17.0

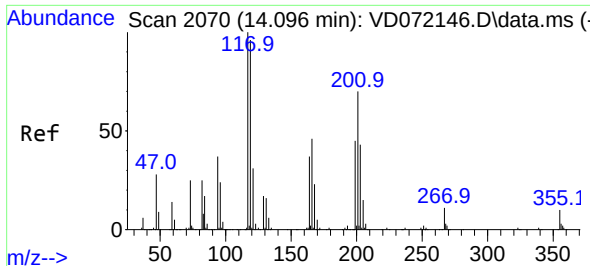
Tgt Ion:146 Resp: 123241
Ion Ratio Lower Upper
146 100
111 84.4 20.3 60.9#
148 63.5 31.7 95.1



#89
n-Butylbenzene
Concen: 248.235 ug/l
RT: 13.767 min Scan# 2014
Delta R.T. -0.065 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion: 91 Resp: 5745734
Ion Ratio Lower Upper
91 100
92 7.2 26.6 79.8#
134 0.0 12.3 36.9#

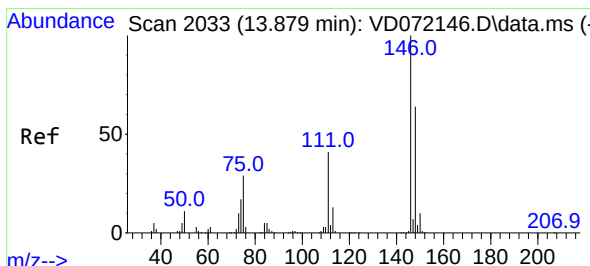
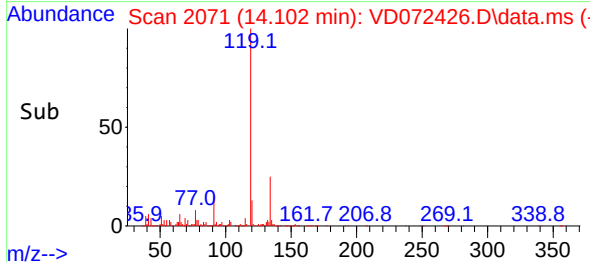
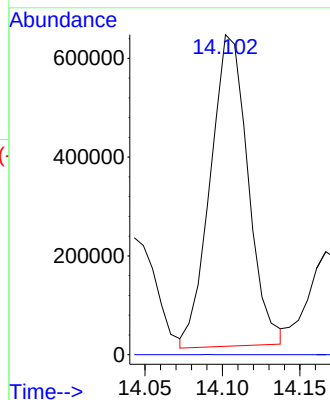
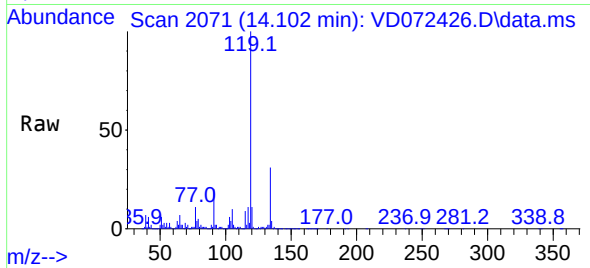




#90
Hexachloroethane
Concen: 224.008 ug/l
RT: 14.102 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

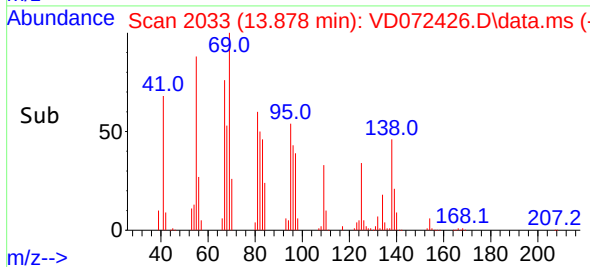
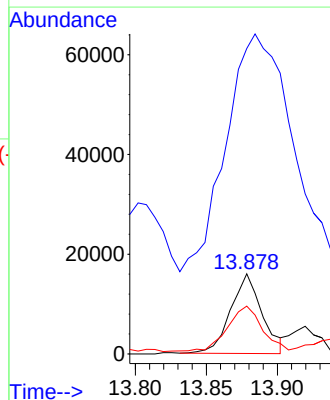
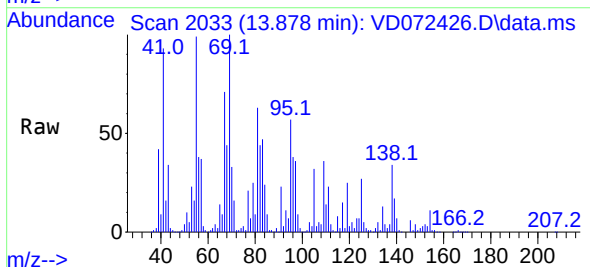
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

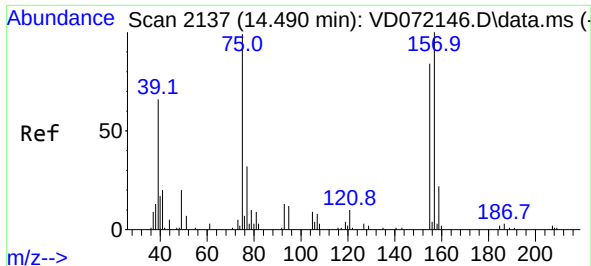
Tgt Ion:117 Resp: 1066153
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#



#91
1,2-Dichlorobenzene
Concen: 2.277 ug/l
RT: 13.878 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072426.D
Acq: 25 Mar 2022 13:51

Tgt Ion:146 Resp: 24437
Ion Ratio Lower Upper
146 100
111 667.8 21.1 63.3#
148 62.0 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 38.801 ug/l

RT: 14.473 min Scan# 2134

Delta R.T. -0.018 min

Lab File: VD072426.D

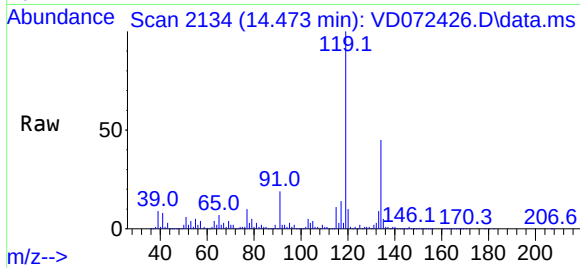
Acq: 25 Mar 2022 13:51

Instrument :

MSVOA_D

ClientSampleId :

SB-12-20220315-16.0-17.0



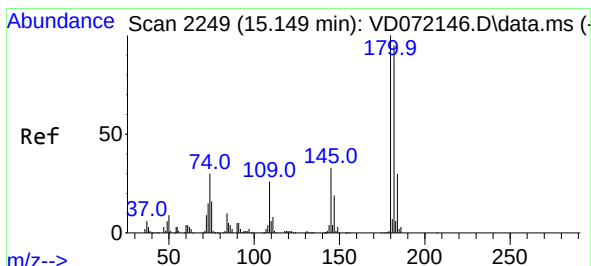
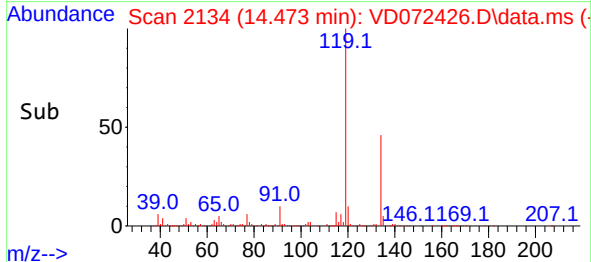
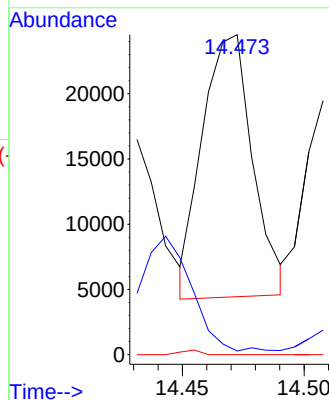
Tgt Ion: 75 Resp: 28895

Ion Ratio Lower Upper

75 100

155 0.0 36.8 110.3#

157 0.0 48.4 145.0#



#93

1,2,4-Trichlorobenzene

Concen: 1.134 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. -0.006 min

Lab File: VD072426.D

Acq: 25 Mar 2022 13:51

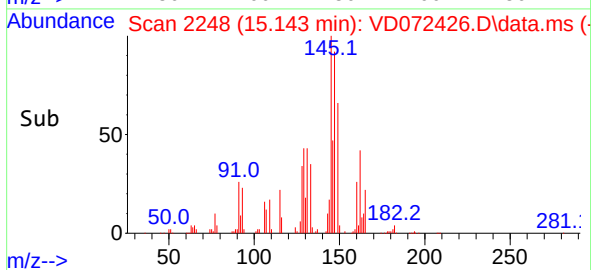
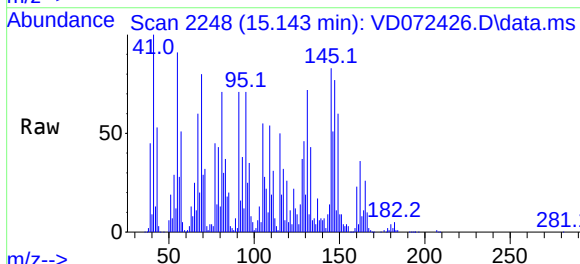
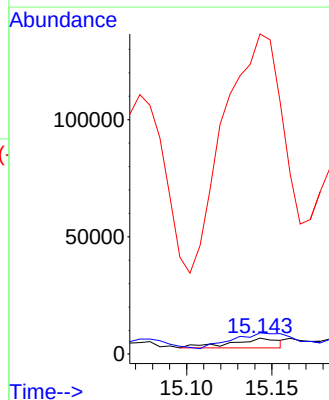
Tgt Ion:180 Resp: 8058

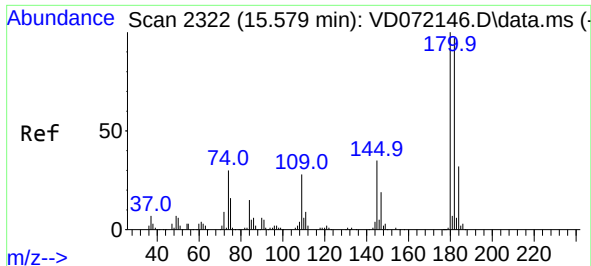
Ion Ratio Lower Upper

180 100

182 225.1 47.3 142.0#

145 3911.8 16.2 48.5#





#96

1,2,3-Trichlorobenzene

Concen: 1.745 ug/l

RT: 15.602 min Scan# 21

Delta R.T. 0.023 min

Lab File: VD072426.D

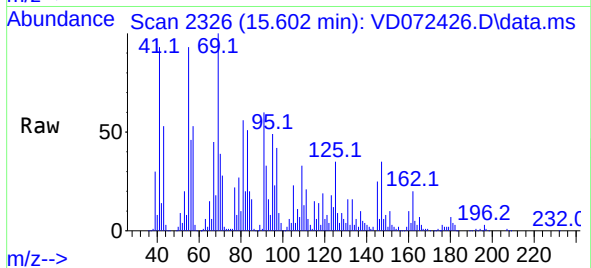
Acq: 25 Mar 2022 13:51

Instrument :

MSVOA_D

ClientSampleId :

SB-12-20220315-16.0-17.0



Tgt Ion:180 Resp: 10728

Ion Ratio Lower Upper

180 100

182 0.0 47.6 142.9#

145 0.0 17.1 51.3#

