

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072394.D
 Acq On : 23 Mar 2022 20:02
 Operator : VA/SY
 Sample : N2077-13
 Misc : 4.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 24 00:55:32 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	350737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	625872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	510669	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.543	152	689395	50.000	ug/l	#-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	189471	48.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.940%
35) Dibromofluoromethane	7.914	113	192414	43.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.380%
50) Toluene-d8	10.338	98	2125866	132.005	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	264.020%#
62) 4-Bromofluorobenzene	12.626	95	3197977	511.068	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	1022.140%#

Target Compounds

						Qvalue
10) Methyl Iodide	4.297	142	531	2.368	ug/l #	55
11) Tert butyl alcohol	5.214	59	880	3.883	ug/l #	74
13) Acrolein	3.885	56	1568	7.754	ug/l #	1
14) Allyl chloride	4.950	41	85021	15.085	ug/l #	58
15) Acrylonitrile	5.491	53	25909	29.586	ug/l #	34
16) Acetone	4.150	43	86587	102.026	ug/l #	82
17) Carbon Disulfide	4.409	76	20644	4.164	ug/l	97
18) Methyl Acetate	4.956	43	184121	88.530	ug/l #	55
20) Methylene Chloride	4.967	84	38008	3.011	ug/l #	77
25) 2-Butanone	7.214	43	62251	55.014	ug/l #	67
29) Tetrahydrofuran	7.567	42	963	1.447	ug/l #	38
31) Cyclohexane	7.985	56	177057	28.993	ug/l	95
36) 1,1-Dichloropropene	7.973	75	29769	4.818	ug/l #	60
37) Ethyl Acetate	7.214	43	62251	23.000	ug/l #	74
38) Carbon Tetrachloride	7.979	117	37047	5.275	ug/l #	17
39) Methylcyclohexane	9.320	83	2237551	321.819	ug/l #	31
40) Benzene	8.350	78	50093	2.842	ug/l	95
41) Methacrylonitrile	7.732	41	62827	39.826	ug/l #	84
43) Isopropyl Acetate	8.450	43	417755	79.524	ug/l #	54
47) Bromodichloromethane	9.626	83	228840	33.010	ug/l #	62
48) Methyl methacrylate	9.408	41	765699	305.259	ug/l #	49
51) 4-Methyl-2-Pentanone	10.267	43	177138	64.201	ug/l	90
52) Toluene	10.402	92	17828	1.537	ug/l #	9
55) 1,1,2-Trichloroethane	10.773	97	9673210	2670.307	ug/l #	21
56) Ethyl methacrylate	10.638	69	3763545	887.000	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.914	63	9810	5.142	ug/l #	48
59) 2-Hexanone	10.955	43	16291260	8548.981	ug/l #	32
60) Dibromochloromethane	11.061	129	48275	10.270	ug/l	64
61) 1,2-Dibromoethane	11.255	107	16744	5.115	ug/l #	1
65) Chlorobenzene	11.567	112	117854	10.410	ug/l #	43
67) Ethyl Benzene	11.738	91	220794	10.919	ug/l	90
68) m/p-Xylenes	11.855	106	64797	8.439	ug/l #	5
69) o-Xylene	12.179	106	33511	4.563	ug/l #	1
73) Isopropylbenzene	12.479	105	6147069	112.520	ug/l	99
74) N-amyl acetate	12.273	43	16821827	1432.834	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.708	83	2800137	286.586	ug/l #	87

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072394.D
 Acq On : 23 Mar 2022 20:02
 Operator : VA/SY
 Sample : N2077-13
 Misc : 4.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 24 00:55:32 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)	

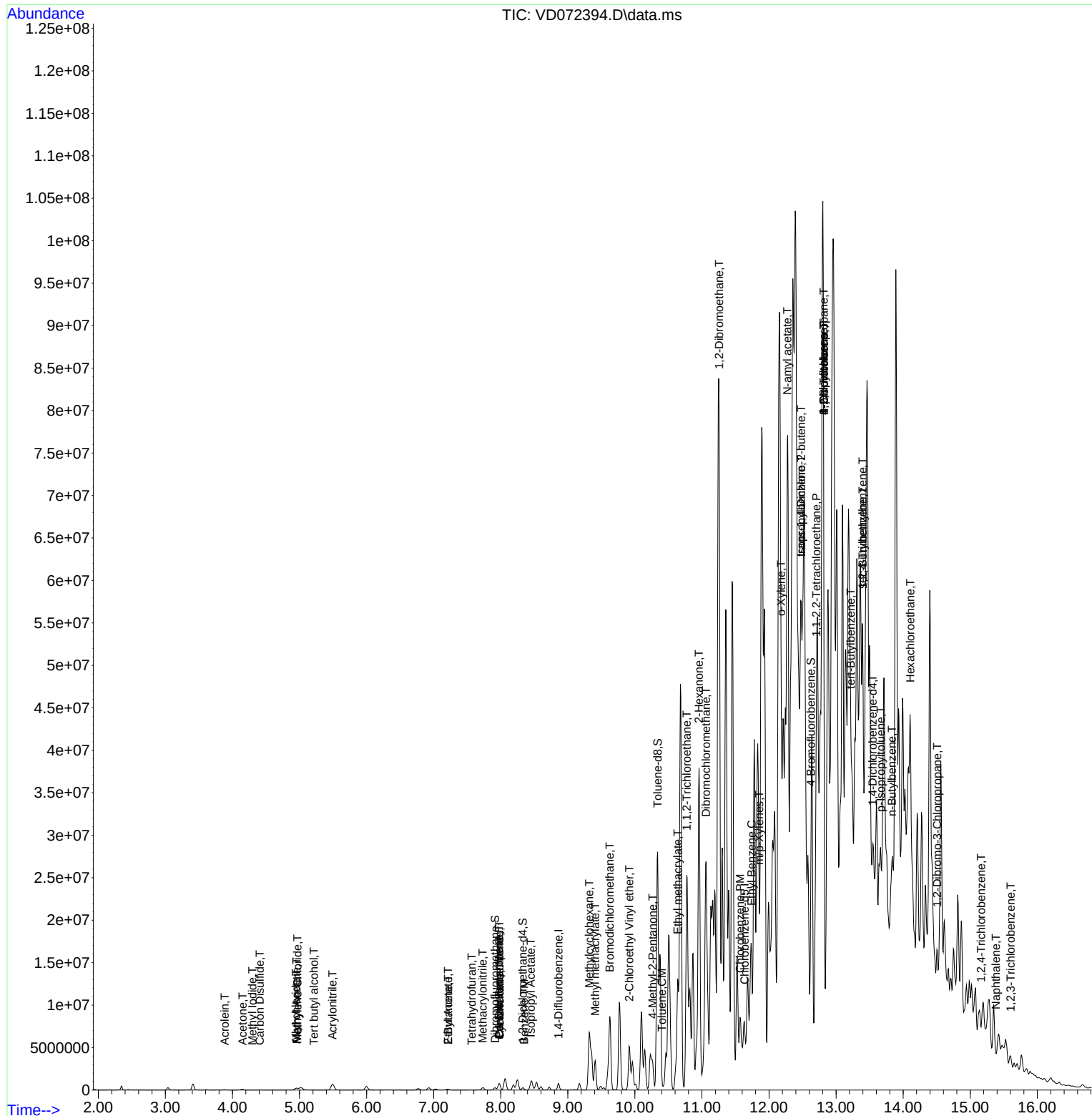
76) 1,2,3-Trichloropropane	12.814	75	77248	10.158	ug/l	#	100
78) n-propylbenzene	12.814	91	9646055	145.364	ug/l		99
79) 2-Chlorotoluene	12.814	91	9666410	251.919	ug/l		72
81) trans-1,4-Dichloro-2-b...	12.479	75	77064	25.143	ug/l	#	1
82) 4-Chlorotoluene	12.814	91	9665594	243.280	ug/l		71
83) tert-Butylbenzene	13.220	119	1448852	35.211	ug/l		80
84) 1,2,4-Trimethylbenzene	13.396	105	5893363	127.439	ug/l	#	32
85) sec-Butylbenzene	13.396	105	5893363	95.374	ug/l	#	69
86) p-Isopropyltoluene	13.667	119	2936382	57.749	ug/l		91
89) n-Butylbenzene	13.832	91	1760211	36.318	ug/l	#	80
90) Hexachloroethane	14.108	117	752999	75.559	ug/l	#	17
92) 1,2-Dibromo-3-Chloropr...	14.508	75	11920	7.644	ug/l	#	8
93) 1,2,4-Trichlorobenzene	15.161	180	21990	1.478	ug/l	#	1
95) Naphthalene	15.385	128	197722	7.711	ug/l	#	70
96) 1,2,3-Trichlorobenzene	15.602	180	27395	2.128	ug/l	#	60

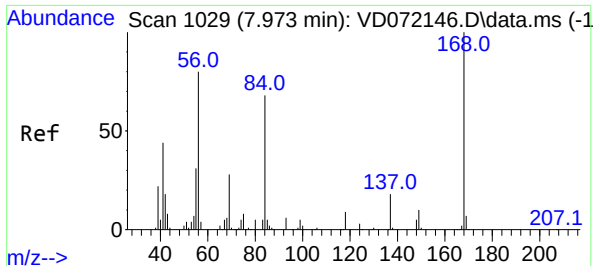
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072322\
Data File : VD072394.D
Acq On : 23 Mar 2022 20:02
Operator : VA/SY
Sample : N2077-13
Misc : 4.91G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 24 00:55:32 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

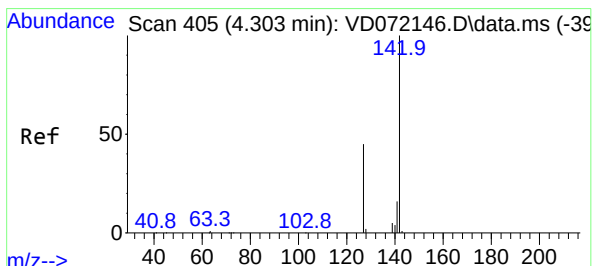
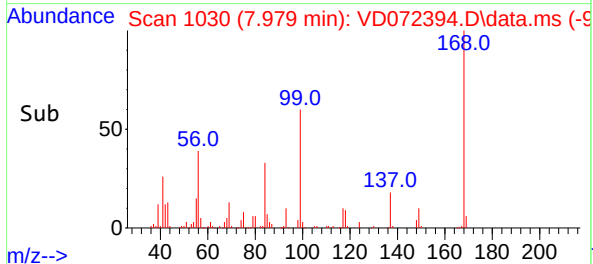
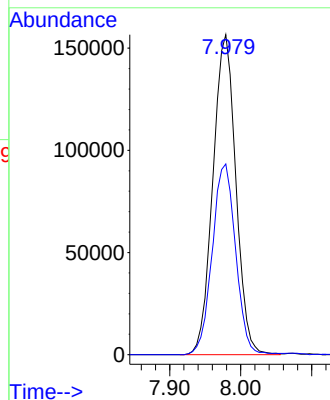
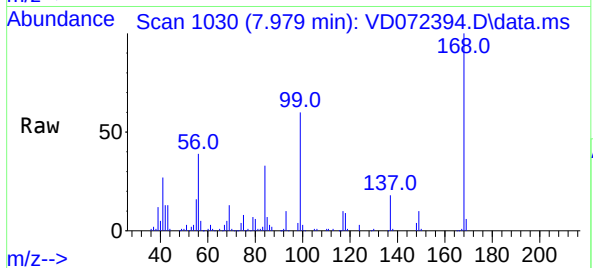




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

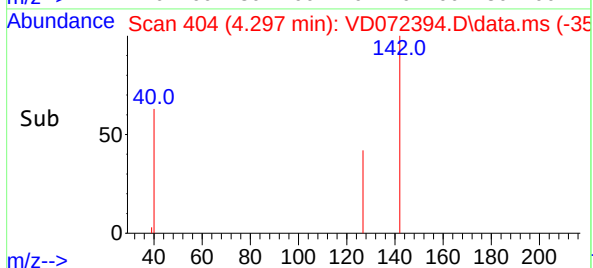
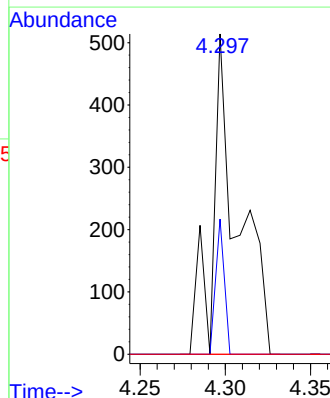
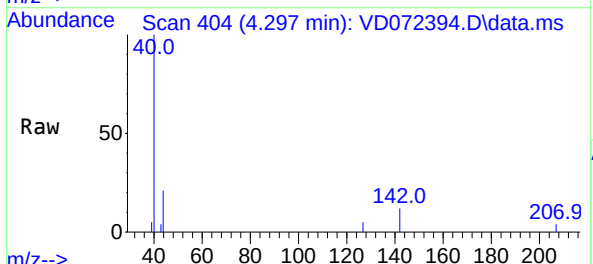
Instrument :
MSVOA_D
ClientSampleId :

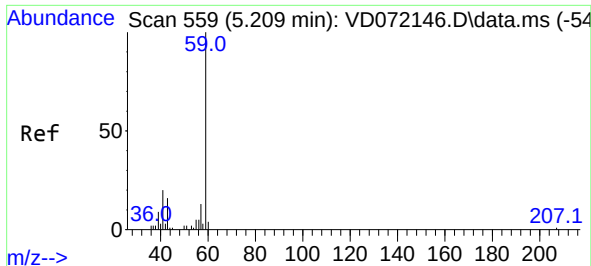
Tgt Ion:168 Resp: 350737
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#10
Methyl Iodide
Concen: 2.368 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion:142 Resp: 531
Ion Ratio Lower Upper
142 100
127 14.5 37.3 55.9#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 3.883 ug/l

RT: 5.214 min Scan# 5

Delta R.T. 0.006 min

Lab File: VD072394.D

Acq: 23 Mar 2022 20:02

Instrument :

MSVOA_D

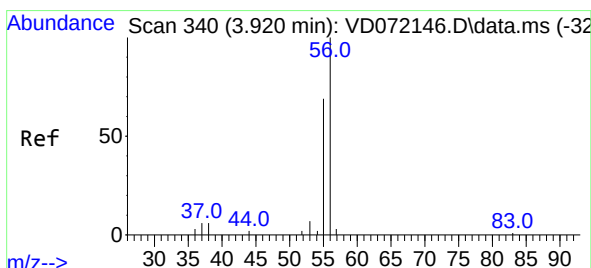
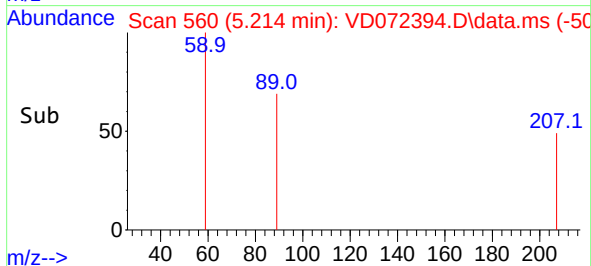
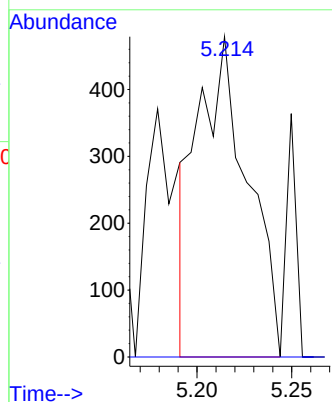
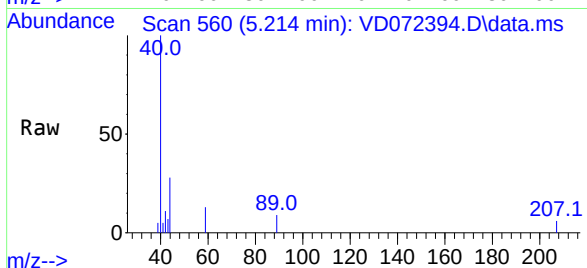
ClientSampleId :

Tgt Ion: 59 Resp: 880

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#13

Acrolein

Concen: 7.754 ug/l

RT: 3.885 min Scan# 334

Delta R.T. -0.035 min

Lab File: VD072394.D

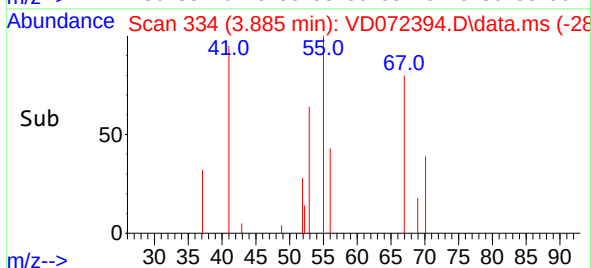
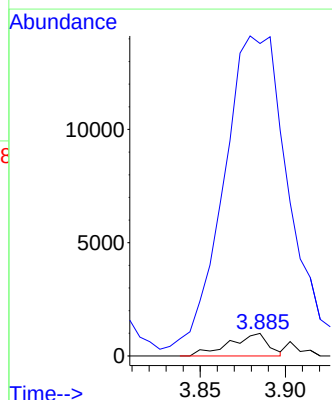
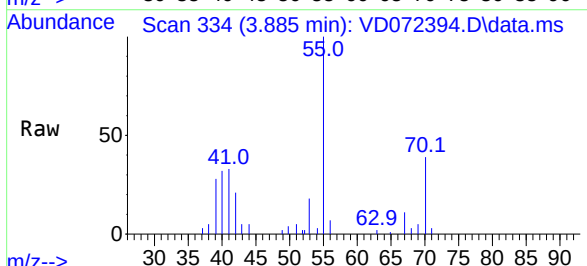
Acq: 23 Mar 2022 20:02

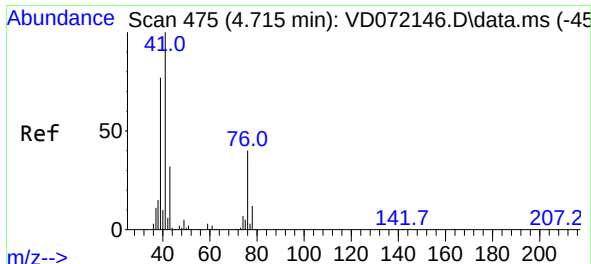
Tgt Ion: 56 Resp: 1568

Ion Ratio Lower Upper

56 100

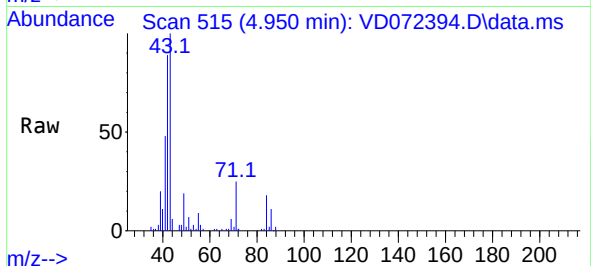
55 2461.7 57.1 85.7#



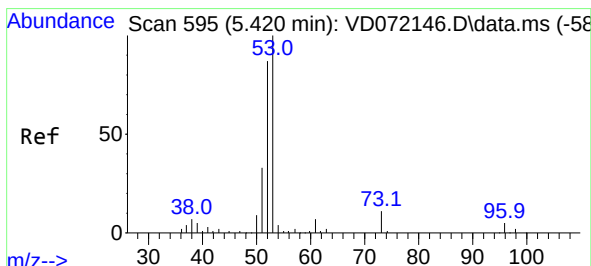
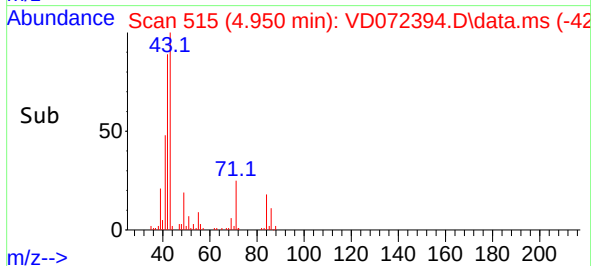
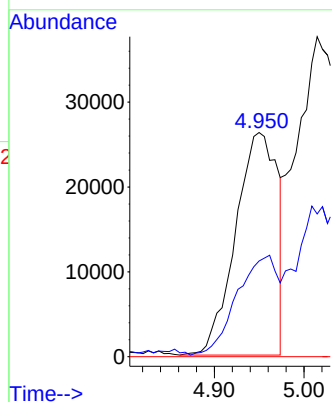


#14
Allyl chloride
Concen: 15.085 ug/l
RT: 4.950 min Scan# 515
Delta R.T. 0.235 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :

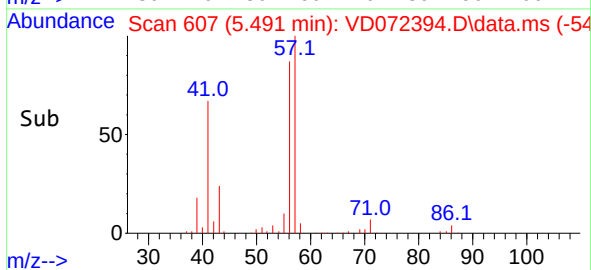
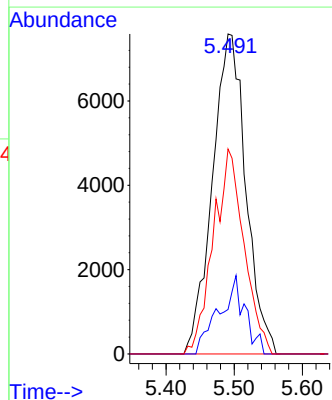
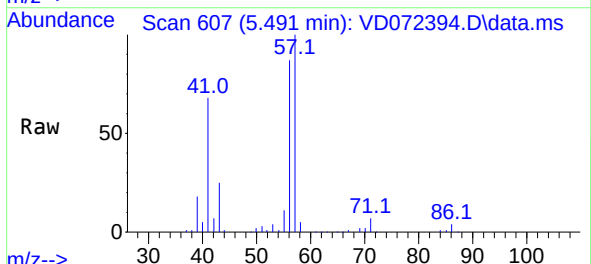


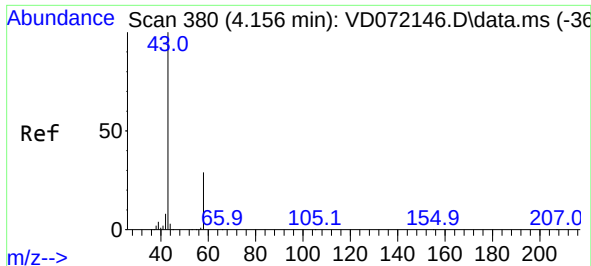
Tgt Ion: 41 Resp: 85021
Ion Ratio Lower Upper
41 100
39 43.7 59.3 88.9#
76 0.0 25.7 38.5#



#15
Acrylonitrile
Concen: 29.586 ug/l
RT: 5.491 min Scan# 607
Delta R.T. 0.071 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 53 Resp: 25909
Ion Ratio Lower Upper
53 100
52 11.7 67.2 100.8#
51 58.8 30.3 45.5#

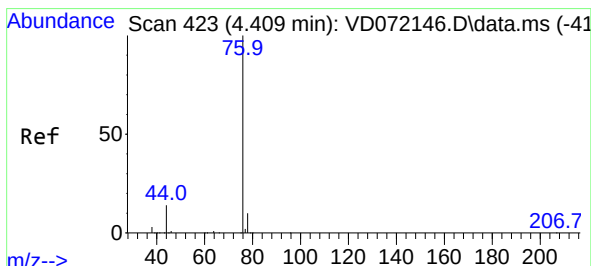
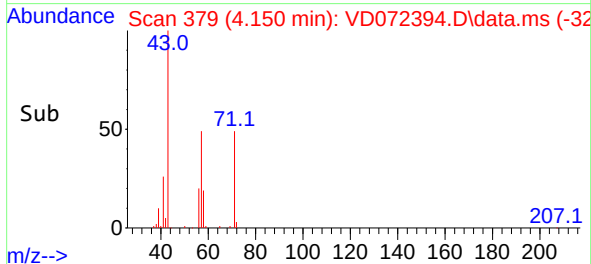
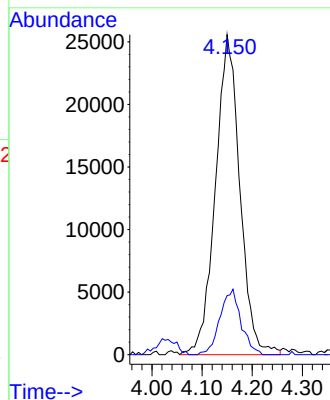
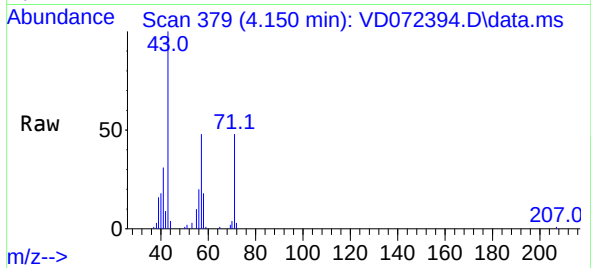




#16
Acetone
Concen: 102.026 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

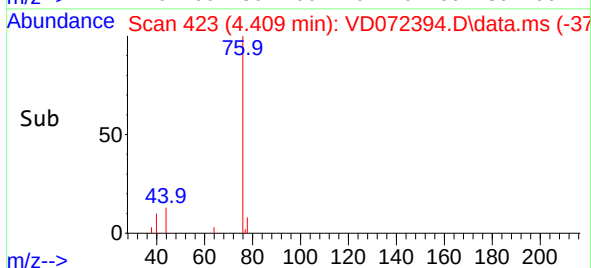
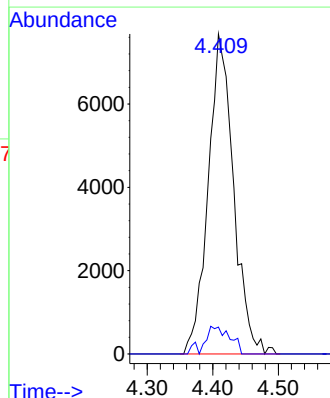
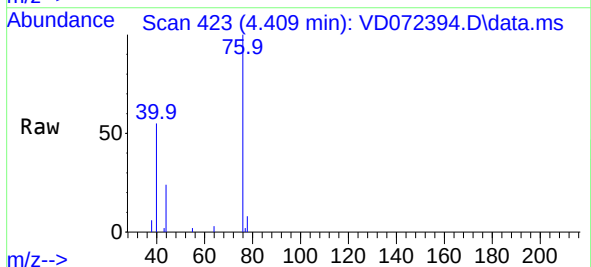
Instrument :
MSVOA_D
ClientSampleId :

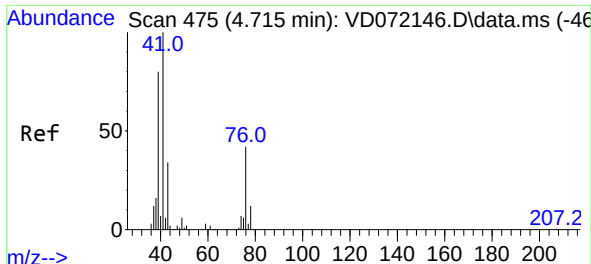
Tgt Ion: 43 Resp: 86587
Ion Ratio Lower Upper
43 100
58 18.4 22.1 33.1#



#17
Carbon Disulfide
Concen: 4.164 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 76 Resp: 20644
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3

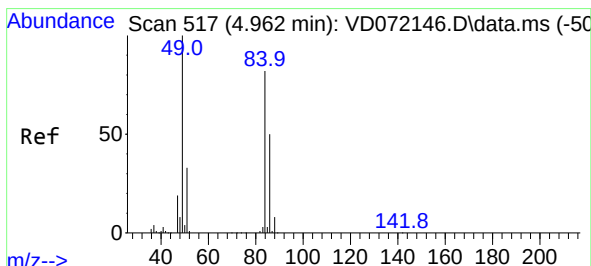
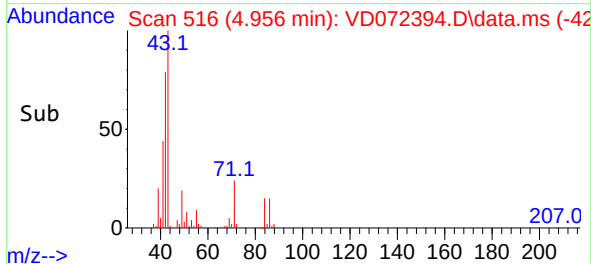
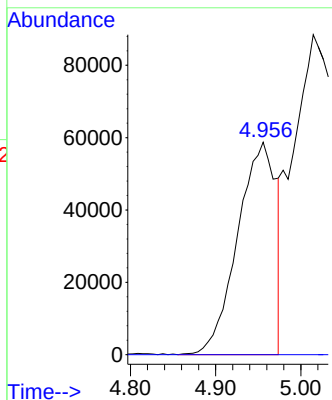
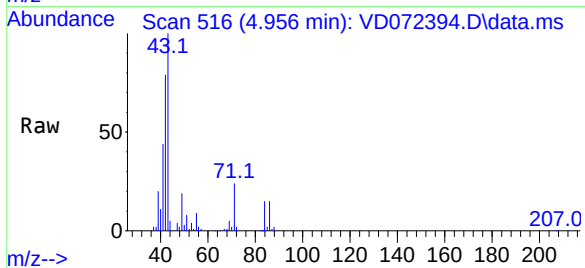




#18
Methyl Acetate
Concen: 88.530 ug/l
RT: 4.956 min Scan# 518
Delta R.T. 0.241 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

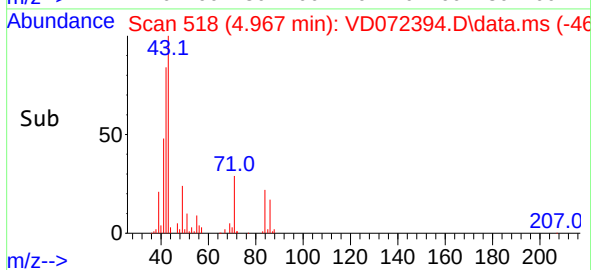
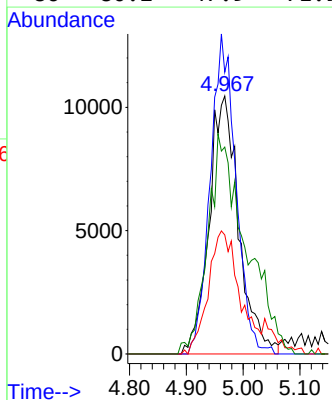
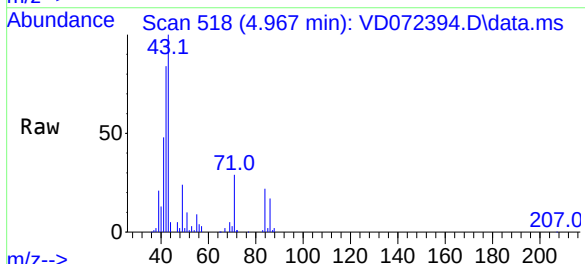
Instrument :
MSVOA_D
ClientSampleId :

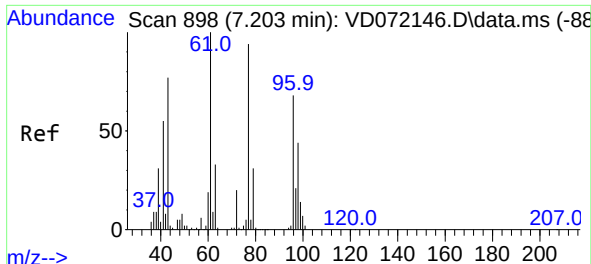
Tgt Ion: 43 Resp: 184121
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 3.011 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 84 Resp: 38008
Ion Ratio Lower Upper
84 100
49 109.2 112.8 169.2#
51 46.1 32.6 48.8
86 80.2 47.9 71.9#





#25

2-Butanone

Concen: 55.014 ug/l

RT: 7.214 min Scan# 90

Delta R.T. 0.012 min

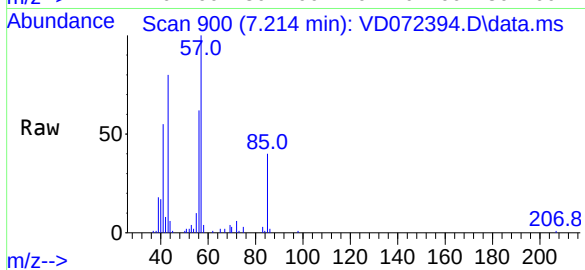
Lab File: VD072394.D

Acq: 23 Mar 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

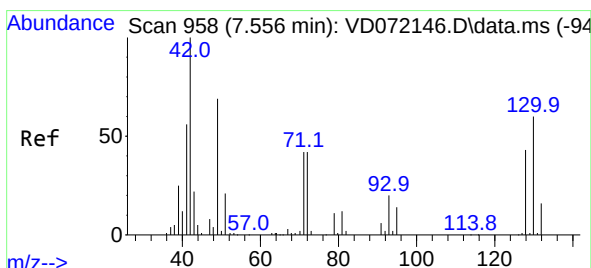
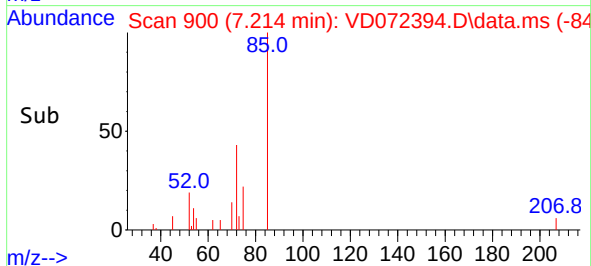
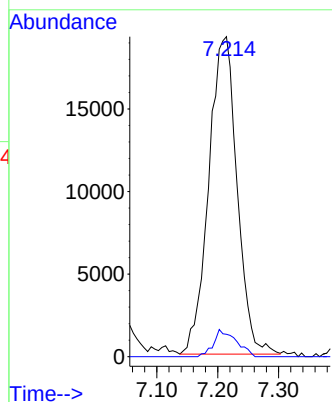


Tgt Ion: 43 Resp: 62251

Ion Ratio Lower Upper

43 100

72 7.1 18.6 27.8#



#29

Tetrahydrofuran

Concen: 1.447 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.012 min

Lab File: VD072394.D

Acq: 23 Mar 2022 20:02

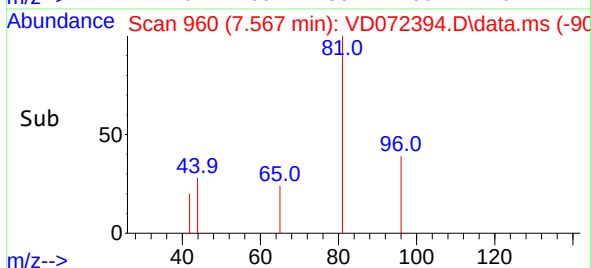
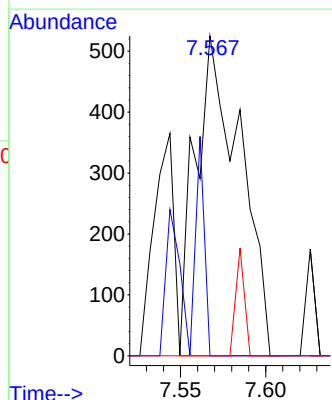
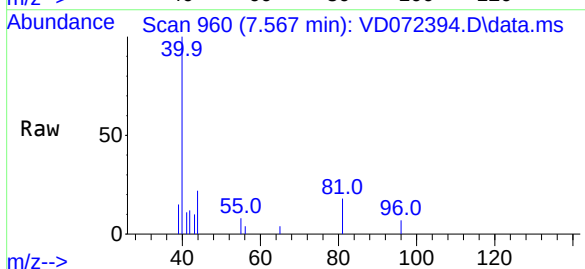
Tgt Ion: 42 Resp: 963

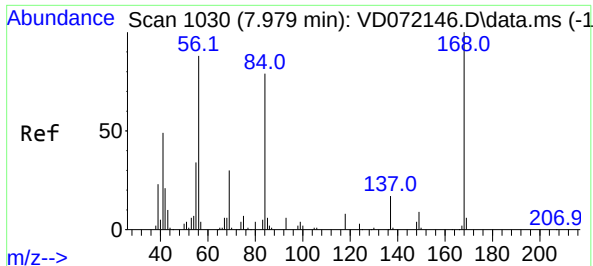
Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 28.6 43.0#





#31

Cyclohexane

Concen: 28.993 ug/l

RT: 7.985 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VD072394.D

Acq: 23 Mar 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

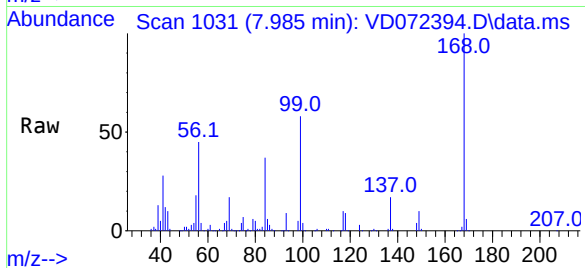
Tgt Ion: 56 Resp: 177057

Ion Ratio Lower Upper

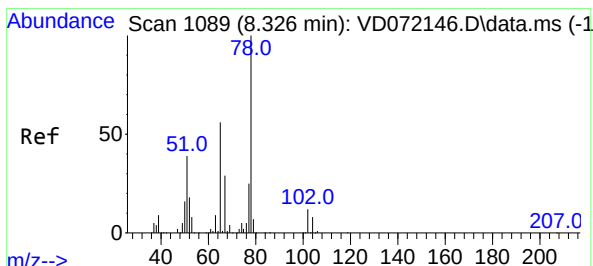
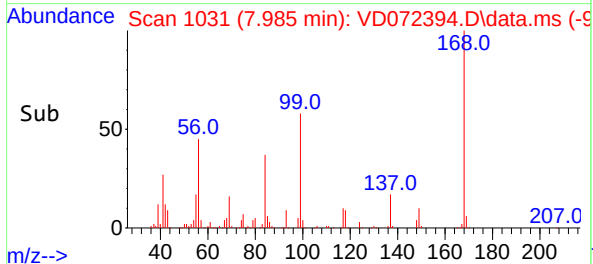
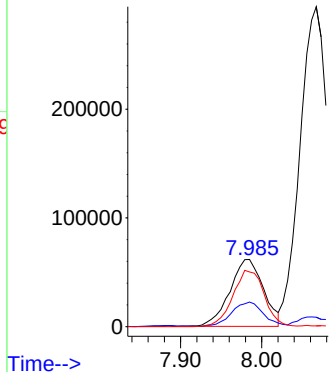
56 100

69 35.7 25.4 38.2

84 81.8 63.0 94.4



Abundance



#33

1,2-Dichloroethane-d4

Concen: 48.473 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072394.D

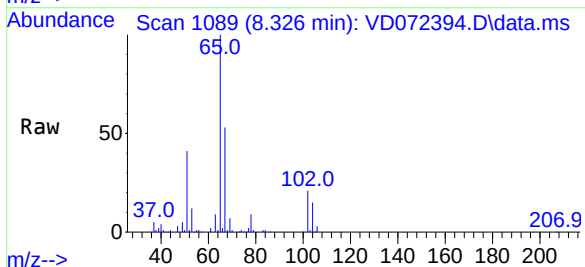
Acq: 23 Mar 2022 20:02

Tgt Ion: 65 Resp: 189471

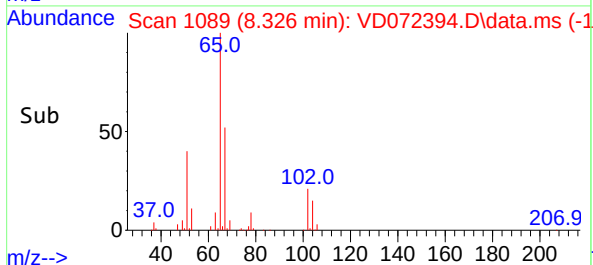
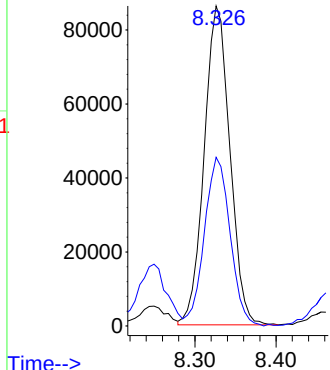
Ion Ratio Lower Upper

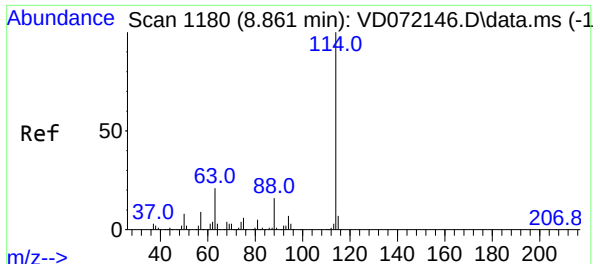
65 100

67 53.0 0.0 101.4



Abundance





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072394.D

Acq: 23 Mar 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

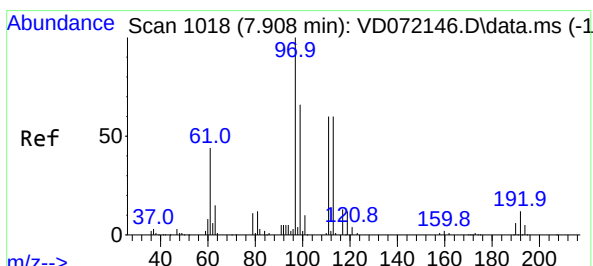
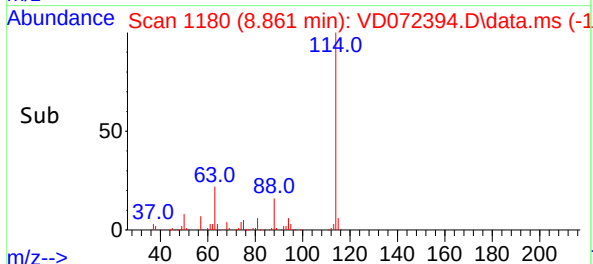
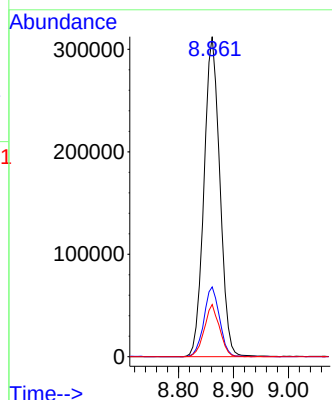
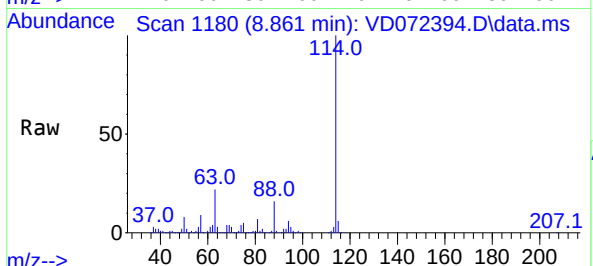
Tgt Ion:114 Resp: 625872

Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.6

88 16.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.688 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072394.D

Acq: 23 Mar 2022 20:02

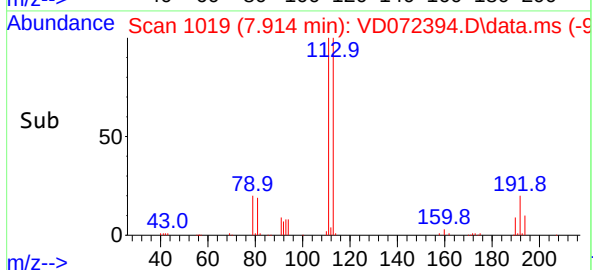
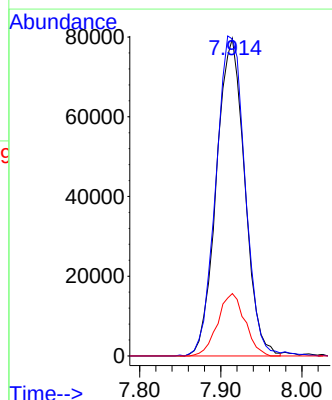
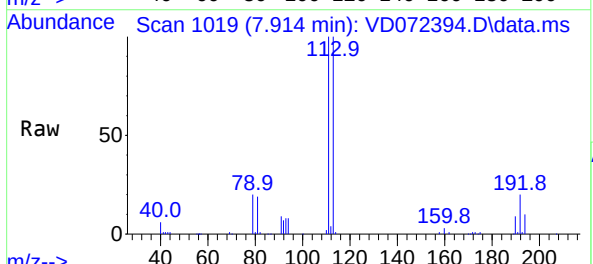
Tgt Ion:113 Resp: 192414

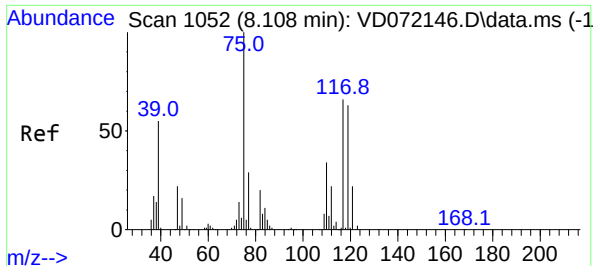
Ion Ratio Lower Upper

113 100

111 104.2 83.8 125.6

192 19.0 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.818 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072394.D

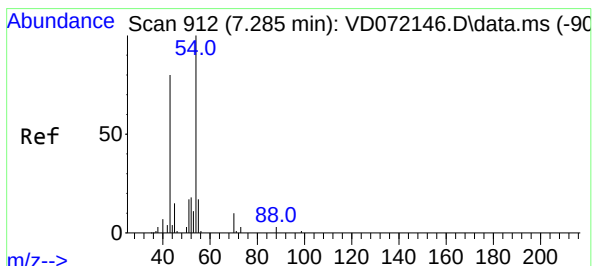
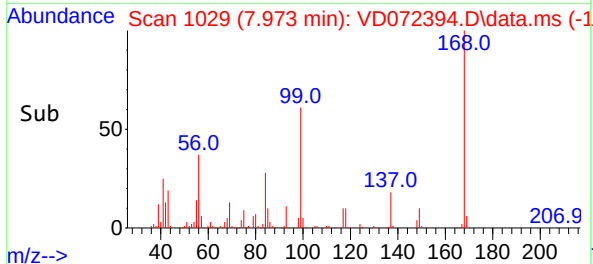
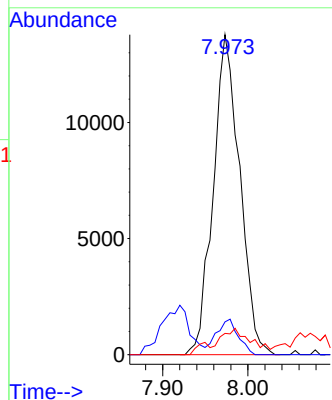
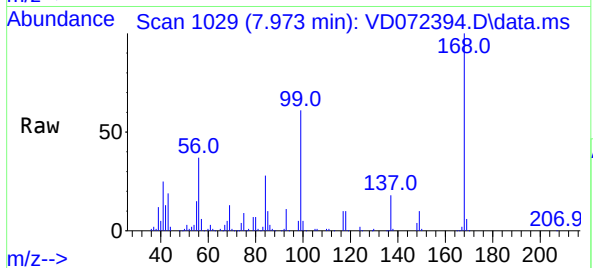
Acq: 23 Mar 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	75	Resp:	29769
Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.4	49.1#
77	9.3	24.2	36.2#



#37

Ethyl Acetate

Concen: 23.000 ug/l

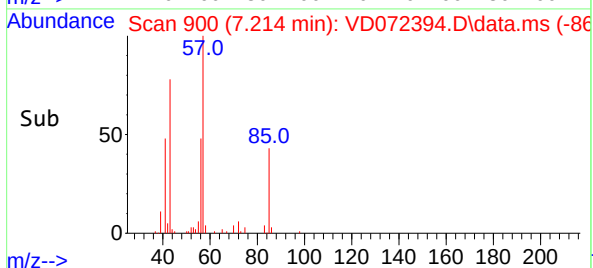
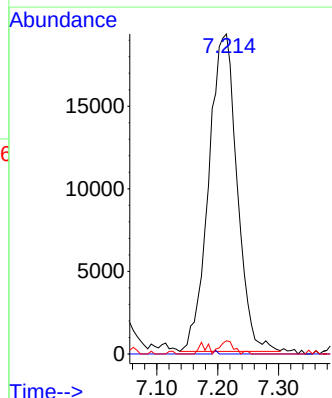
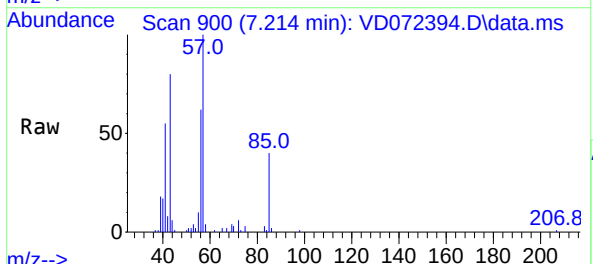
RT: 7.214 min Scan# 900

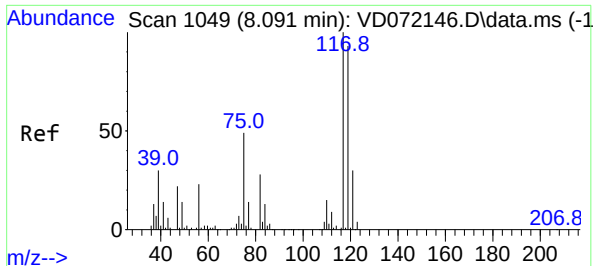
Delta R.T. -0.071 min

Lab File: VD072394.D

Acq: 23 Mar 2022 20:02

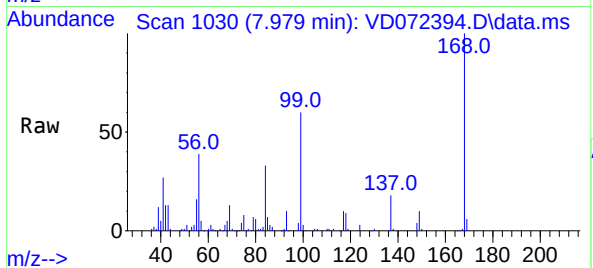
Tgt Ion:	43	Resp:	62251
Ion	Ratio	Lower	Upper
43	100		
61	0.1	9.8	14.8#
70	2.1	6.9	10.3#



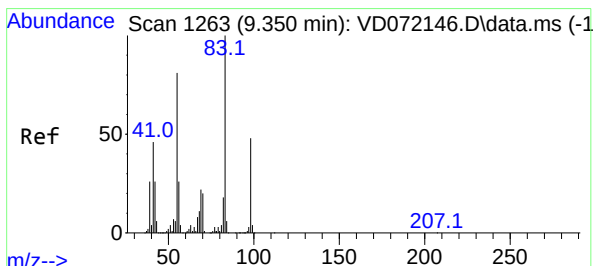
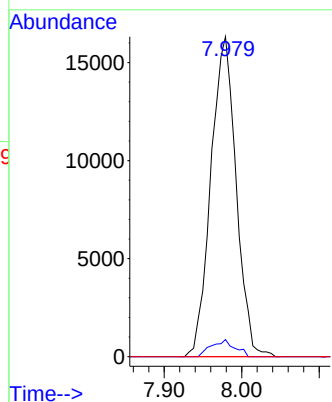
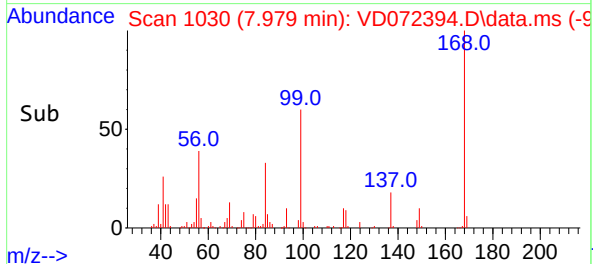


#38
Carbon Tetrachloride
Concen: 5.275 ug/l
RT: 7.979 min Scan# 11
Delta R.T. -0.112 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :

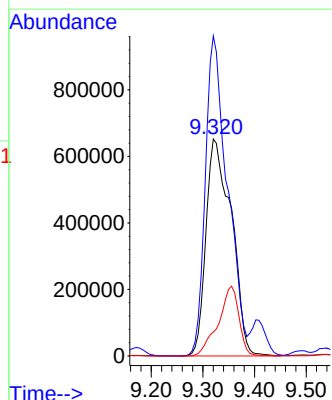
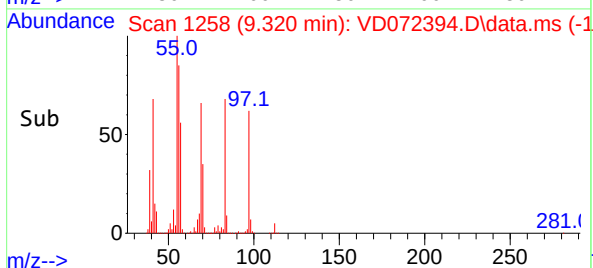
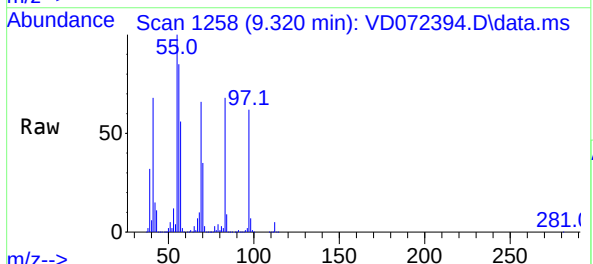


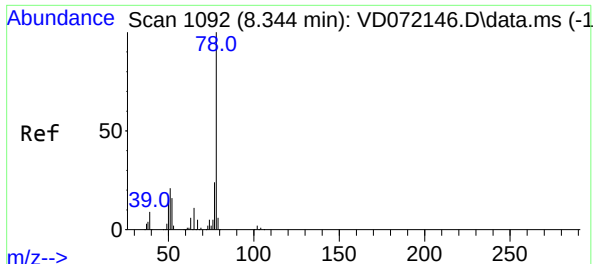
Tgt Ion:117 Resp: 37047
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 321.819 ug/l
RT: 9.320 min Scan# 1258
Delta R.T. -0.029 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 83 Resp: 2237551
Ion Ratio Lower Upper
83 100
55 147.4 63.2 94.8#
98 11.0 38.2 57.4#

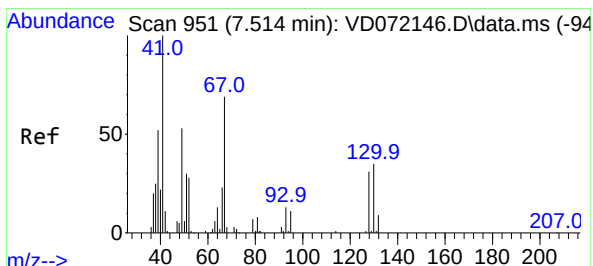
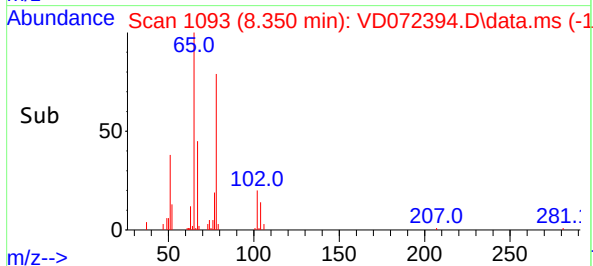
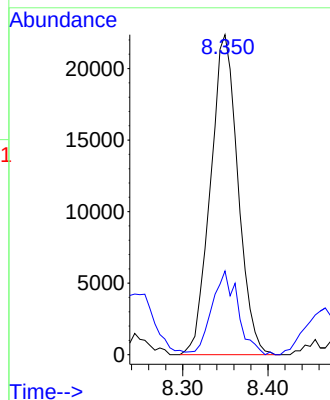
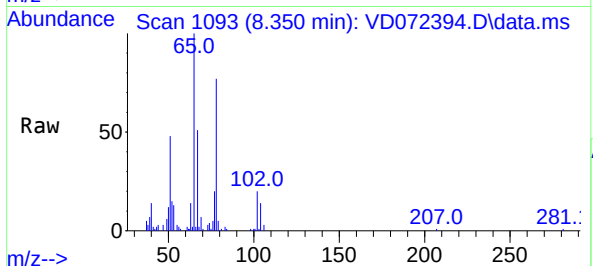




#40
Benzene
Concen: 2.842 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

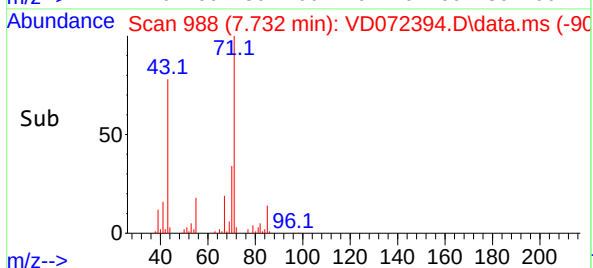
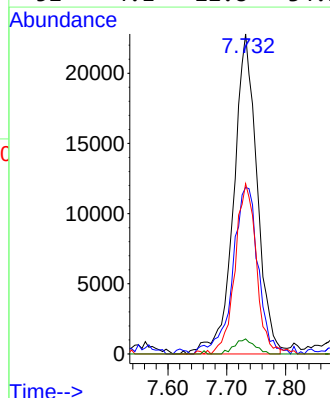
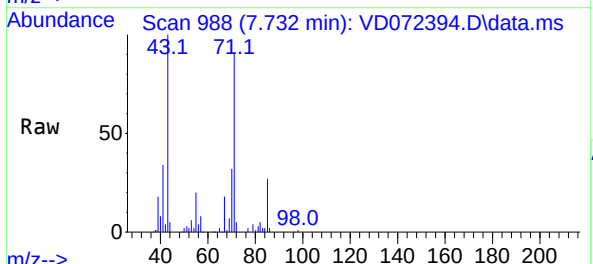
Instrument :
MSVOA_D
ClientSampleId :

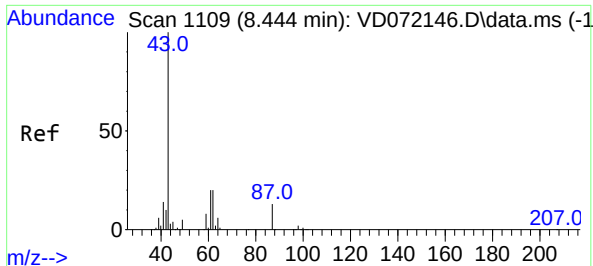
Tgt Ion: 78 Resp: 50093
Ion Ratio Lower Upper
78 100
77 26.1 19.1 28.7



#41
Methacrylonitrile
Concen: 39.826 ug/l
RT: 7.732 min Scan# 988
Delta R.T. 0.218 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

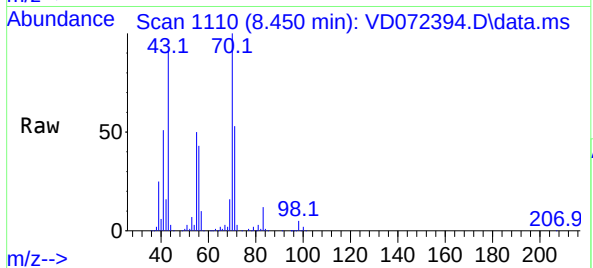
Tgt Ion: 41 Resp: 62827
Ion Ratio Lower Upper
41 100
39 56.4 44.6 67.0
67 48.4 48.2 72.4
52 4.1 22.8 34.2#



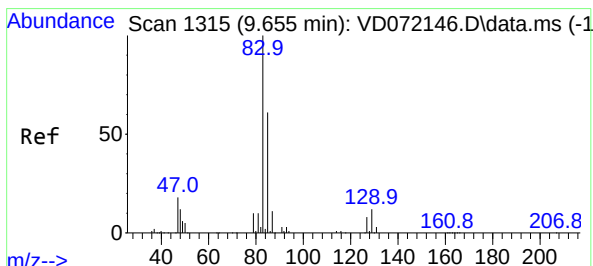
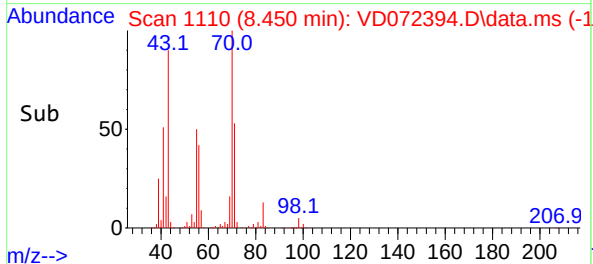
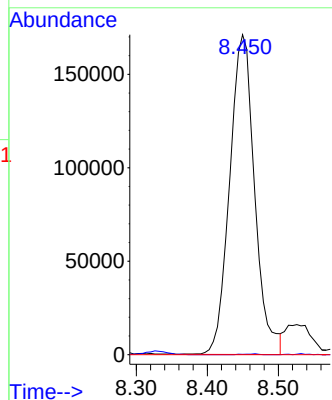


#43
Isopropyl Acetate
Concen: 79.524 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :

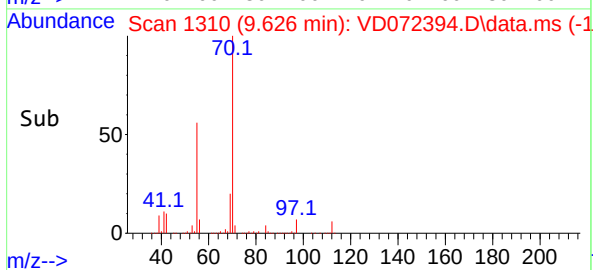
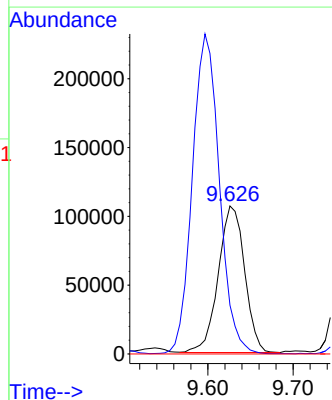
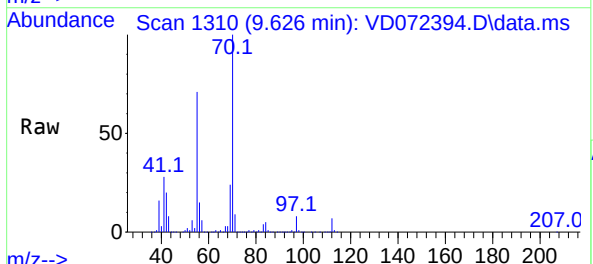


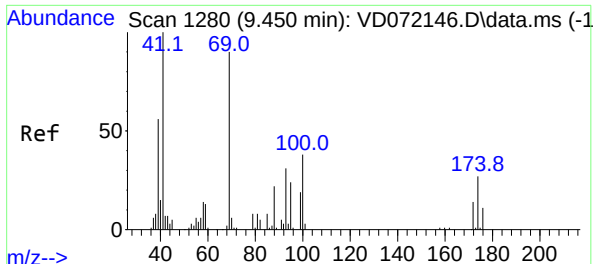
Tgt Ion: 43 Resp: 417755
Ion Ratio Lower Upper
43 100
61 0.1 22.4 33.6#
87 0.0 8.7 13.1#



#47
Bromodichloromethane
Concen: 33.010 ug/l
RT: 9.626 min Scan# 1310
Delta R.T. -0.029 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 83 Resp: 228840
Ion Ratio Lower Upper
83 100
85 33.1 51.4 77.0#
127 0.0 6.1 9.1#





#48

Methyl methacrylate

Concen: 305.259 ug/l

RT: 9.408 min Scan# 1

Delta R.T. -0.041 min

Lab File: VD072394.D

Acq: 23 Mar 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

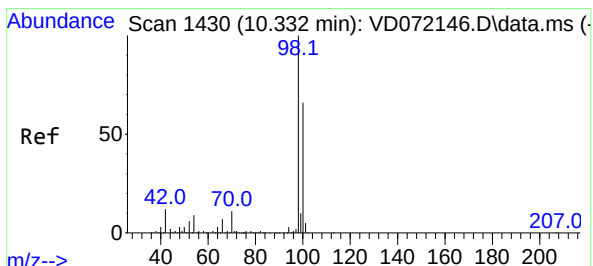
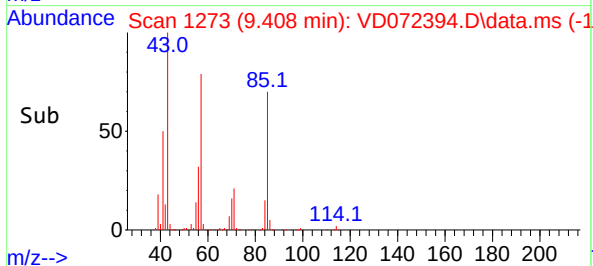
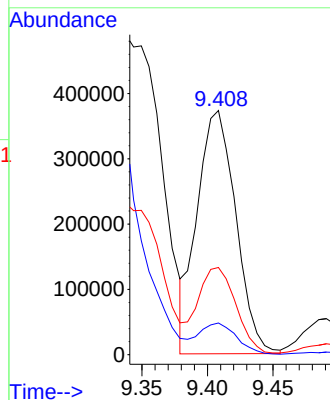
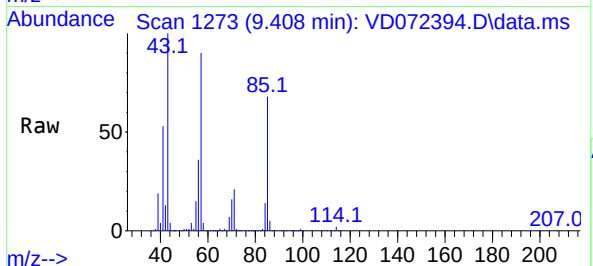
Tgt Ion: 41 Resp: 765699

Ion Ratio Lower Upper

41 100

69 12.3 56.7 85.1#

39 36.0 42.7 64.1#



#50

Toluene-d8

Concen: 132.005 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072394.D

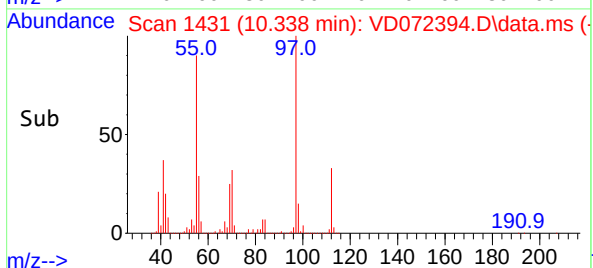
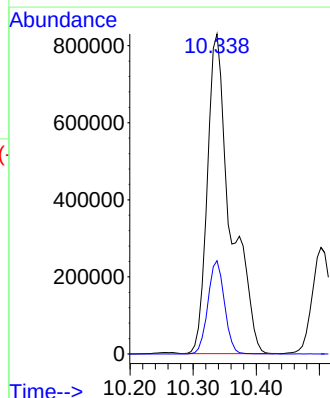
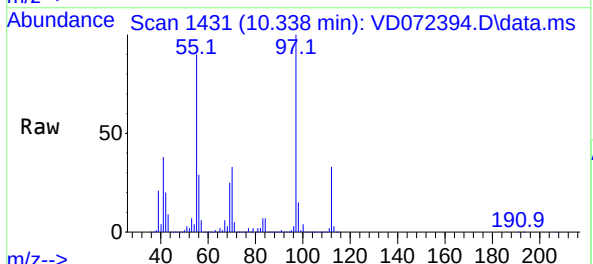
Acq: 23 Mar 2022 20:02

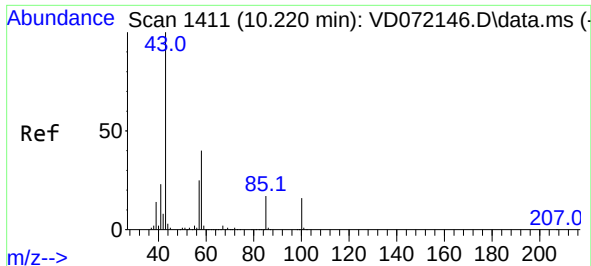
Tgt Ion: 98 Resp: 2125866

Ion Ratio Lower Upper

98 100

100 20.6 52.4 78.6#

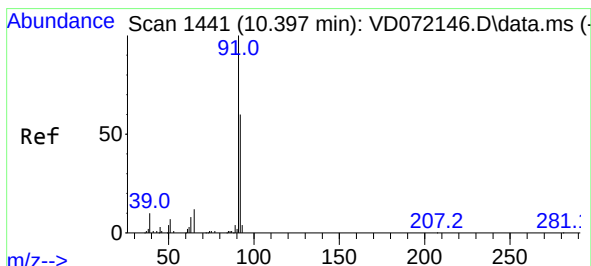
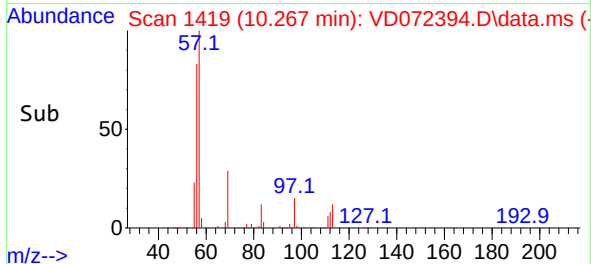
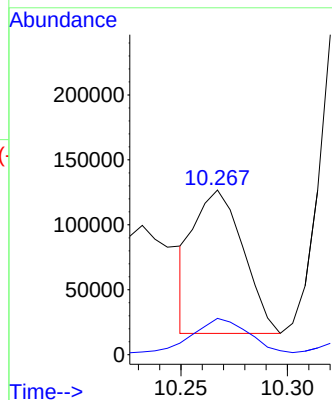
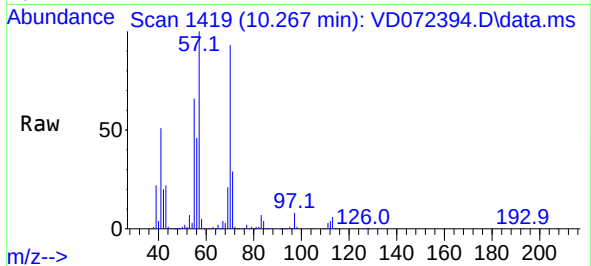




#51
4-Methyl-2-Pentanone
Concen: 64.201 ug/l
RT: 10.267 min Scan# 1419
Delta R.T. 0.047 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

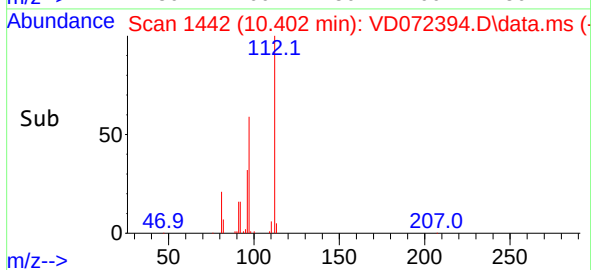
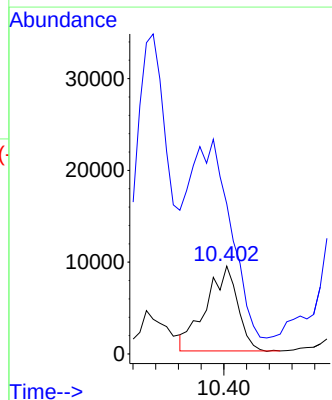
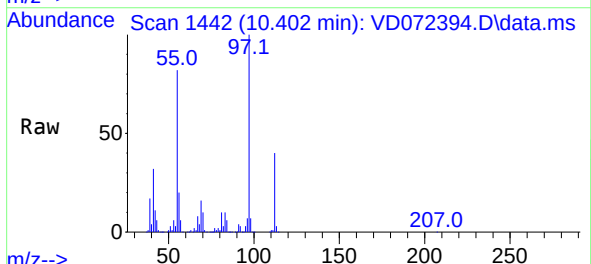
Instrument :
MSVOA_D
ClientSampleId :

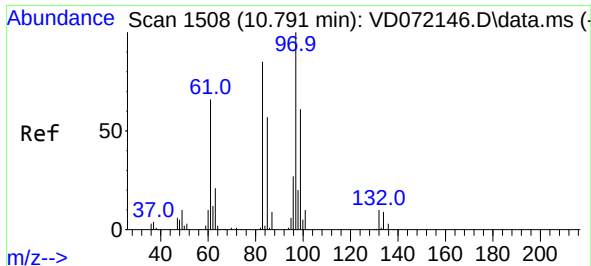
Tgt Ion: 43 Resp: 177138
Ion Ratio Lower Upper
43 100
58 29.8 28.6 43.0



#52
Toluene
Concen: 1.537 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

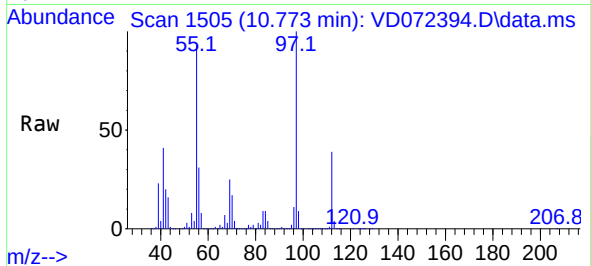
Tgt Ion: 92 Resp: 17828
Ion Ratio Lower Upper
92 100
91 300.9 139.6 209.4#





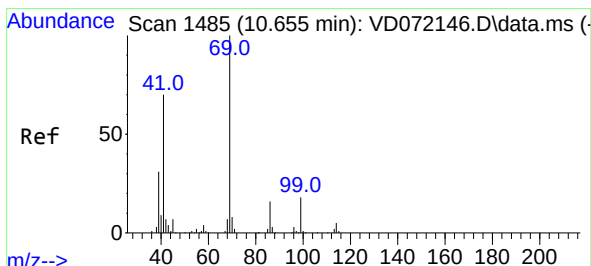
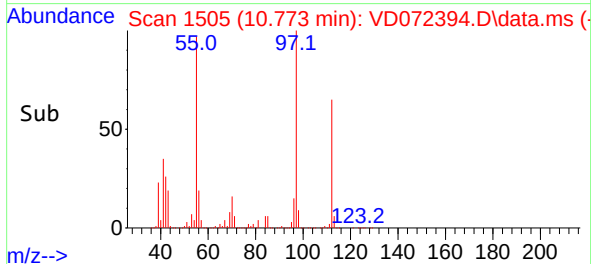
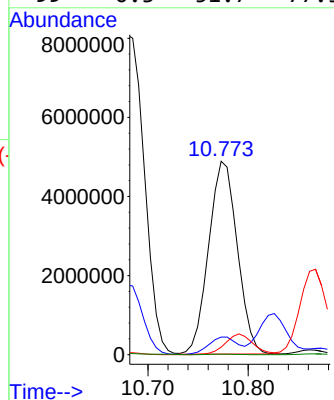
#55
1,1,2-Trichloroethane
Concen: 2670.307 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.018 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 9673210

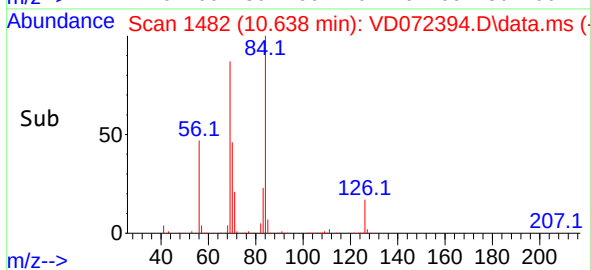
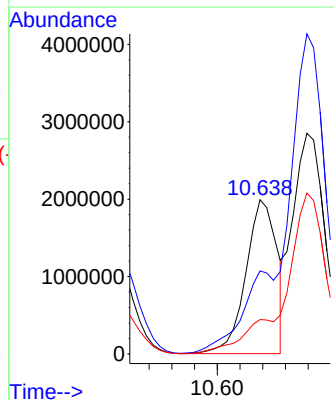
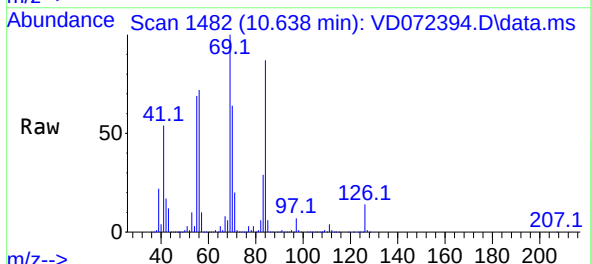
Ion	Ratio	Lower	Upper
97	100		
83	9.0	69.0	103.4#
85	3.9	42.6	63.8#
99	0.3	51.7	77.5#

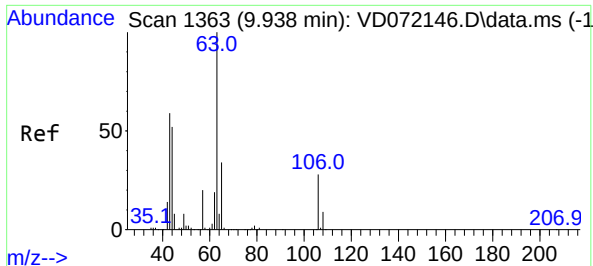


#56
Ethyl methacrylate
Concen: 887.000 ug/l
RT: 10.638 min Scan# 1482
Delta R.T. -0.018 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 69 Resp: 3763545

Ion	Ratio	Lower	Upper
69	100		
41	0.0	63.0	94.6#
39	0.0	33.8	50.8#

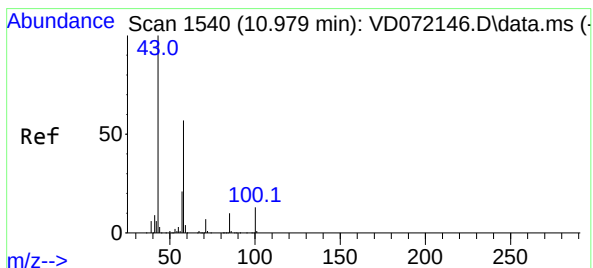
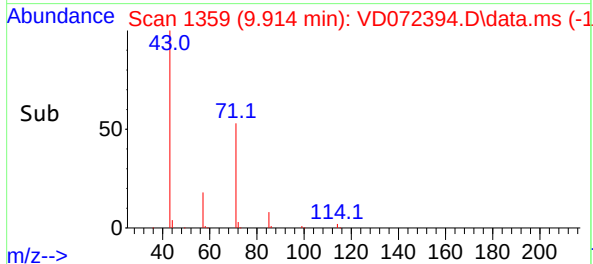
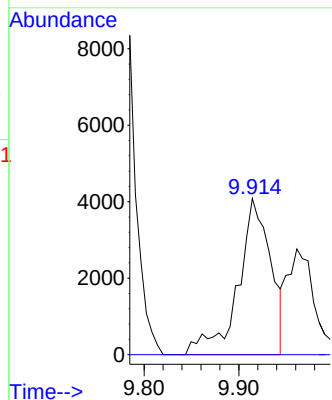
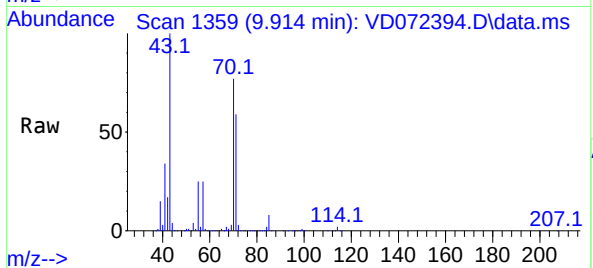




#58
2-Chloroethyl Vinyl ether
Concen: 5.142 ug/l
RT: 9.914 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

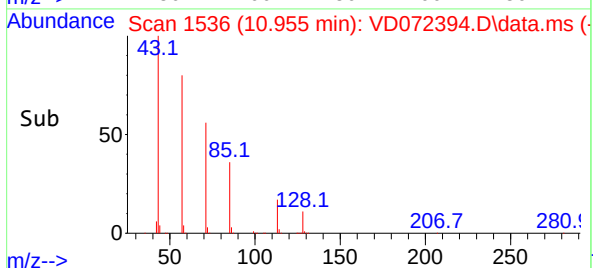
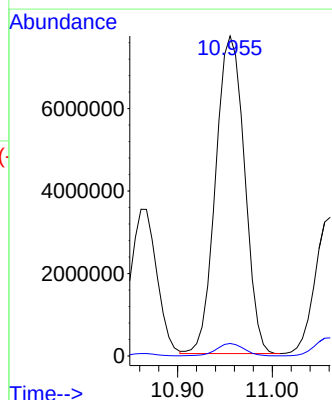
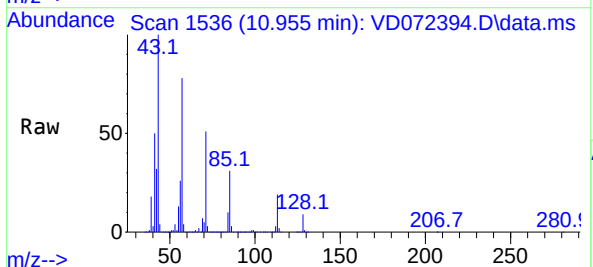
Instrument :
MSVOA_D
ClientSampleId :

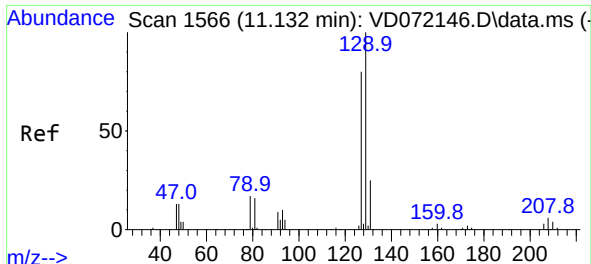
Tgt Ion: 63 Resp: 9810
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#



#59
2-Hexanone
Concen: 8548.981 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.024 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 43 Resp:16291260
Ion Ratio Lower Upper
43 100
58 3.7 25.3 75.9#

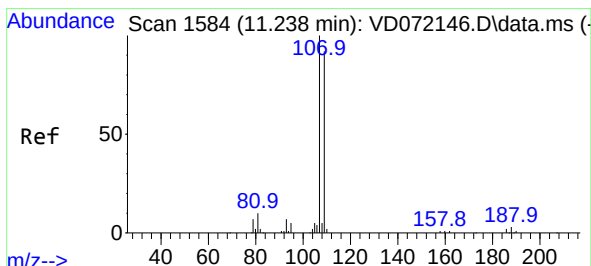
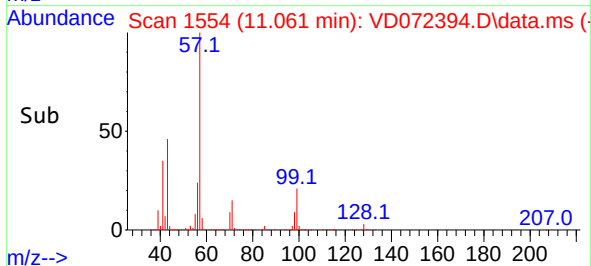
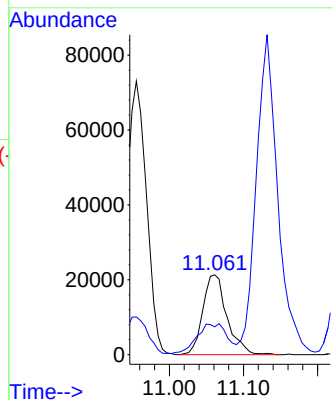
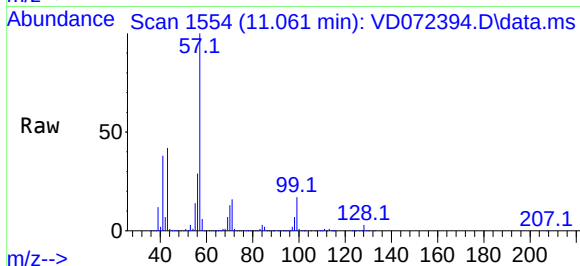




#60
Dibromochloromethane
Concen: 10.270 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.071 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

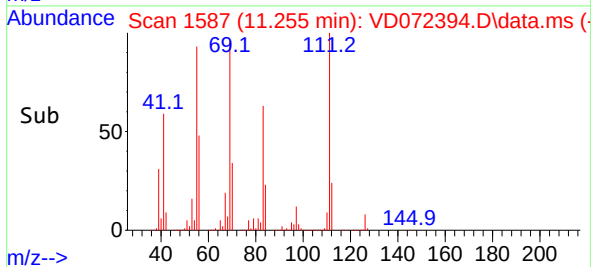
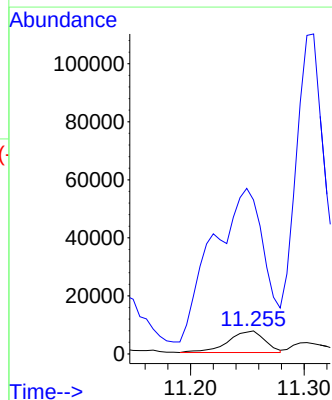
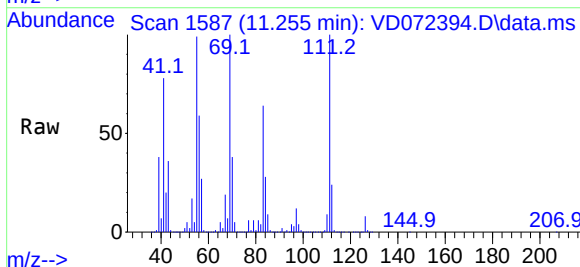
Instrument :
MSVOA_D
ClientSampleId :

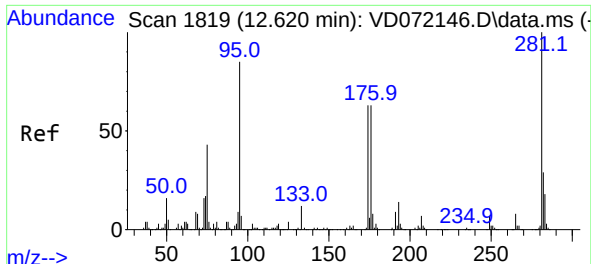
Tgt Ion:129 Resp: 48275
Ion Ratio Lower Upper
129 100
127 46.7 39.2 117.6



#61
1,2-Dibromoethane
Concen: 5.115 ug/l
RT: 11.255 min Scan# 1587
Delta R.T. 0.018 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion:107 Resp: 16744
Ion Ratio Lower Upper
107 100
109 1002.0 74.2 111.4#





#62

4-Bromofluorobenzene

Concen: 511.068 ug/l

RT: 12.626 min Scan# 1819

Delta R.T. 0.006 min

Lab File: VD072394.D

Acq: 23 Mar 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

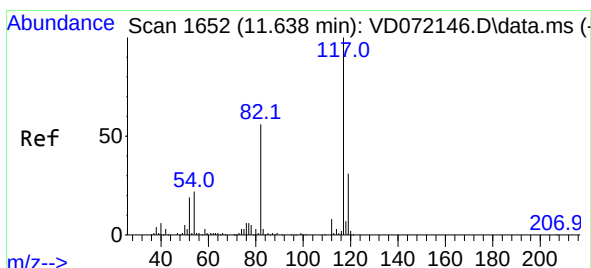
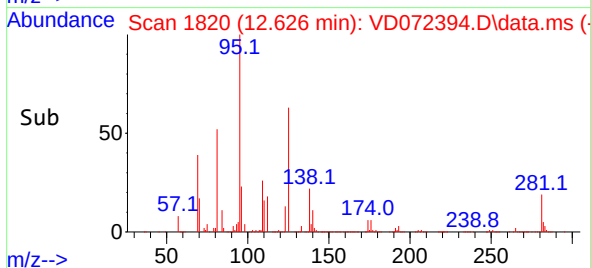
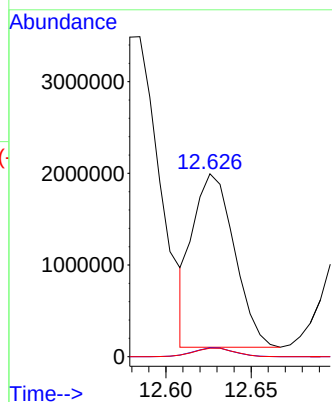
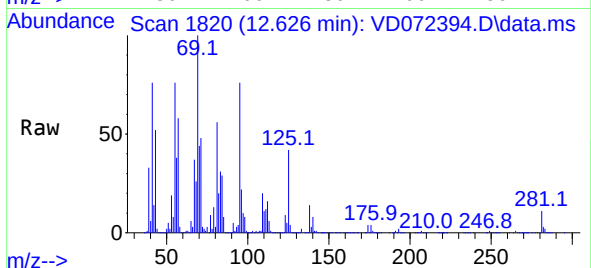
Tgt Ion: 95 Resp: 3197977

Ion Ratio Lower Upper

95 100

174 5.0 0.0 152.8

176 4.9 0.0 145.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1652

Delta R.T. 0.000 min

Lab File: VD072394.D

Acq: 23 Mar 2022 20:02

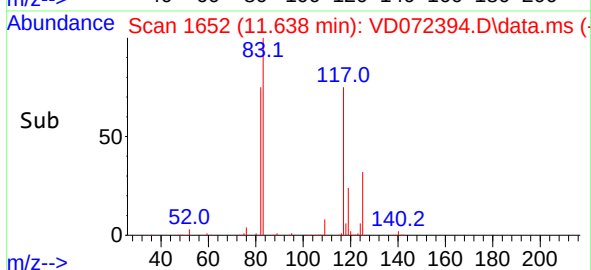
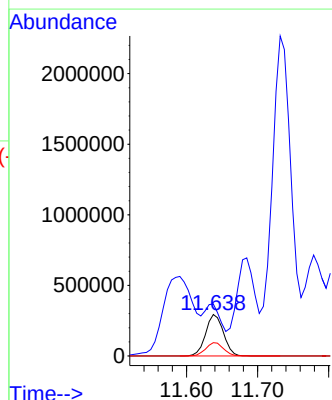
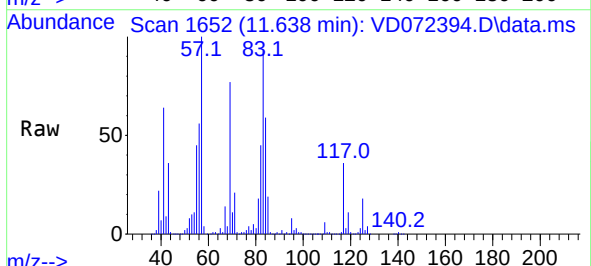
Tgt Ion: 117 Resp: 510669

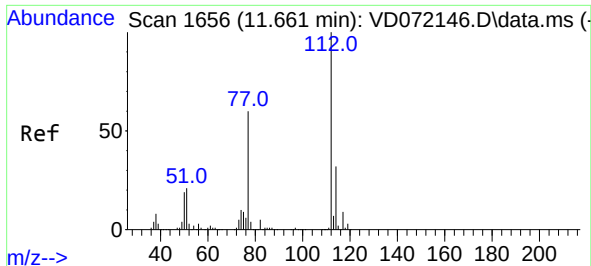
Ion Ratio Lower Upper

117 100

82 0.0 45.3 67.9

119 31.9 26.6 40.0

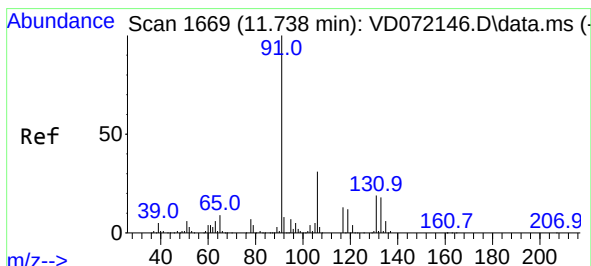
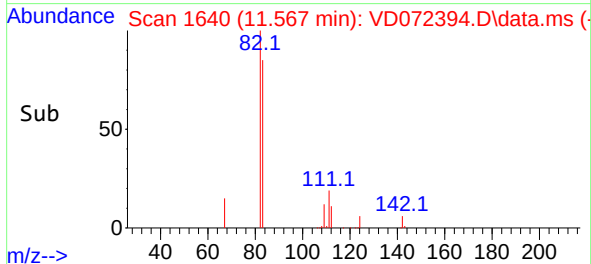
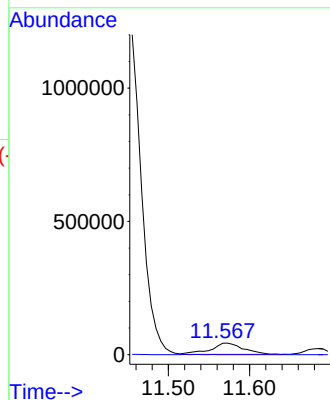
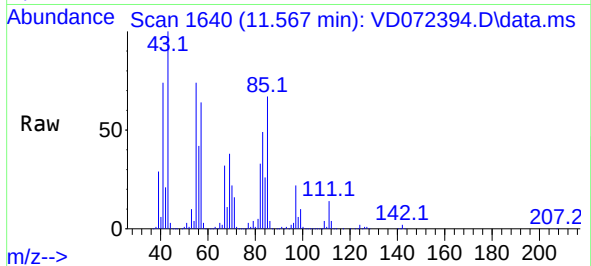




#65
Chlorobenzene
Concen: 10.410 ug/l
RT: 11.567 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

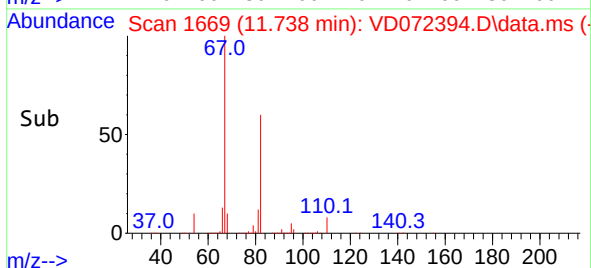
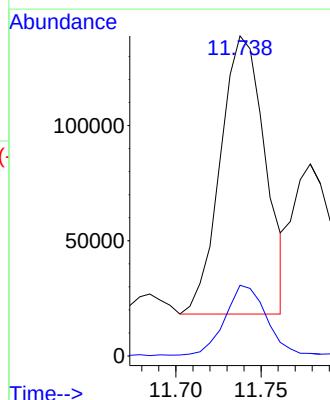
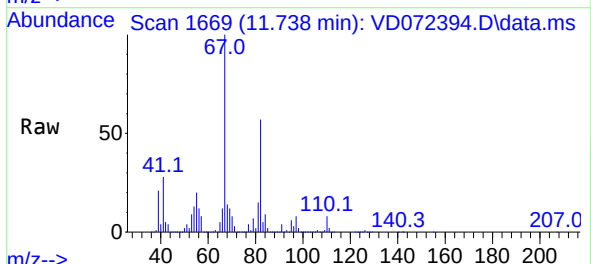
Instrument :
MSVOA_D
ClientSampleId :

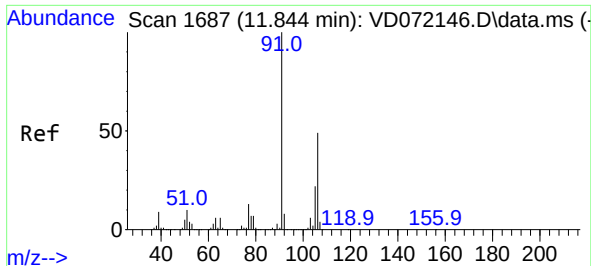
Tgt Ion:112 Resp: 117854
Ion Ratio Lower Upper
112 100
114 0.6 25.8 38.6#



#67
Ethyl Benzene
Concen: 10.919 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 91 Resp: 220794
Ion Ratio Lower Upper
91 100
106 25.1 24.2 36.4

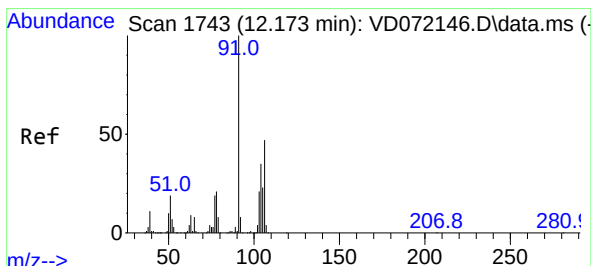
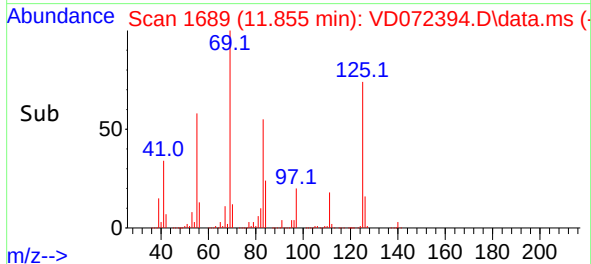
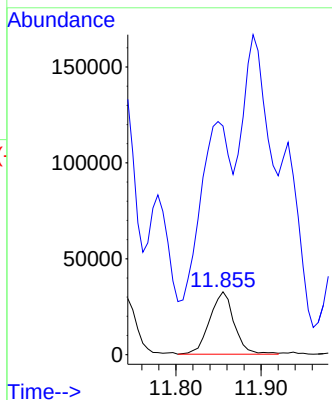
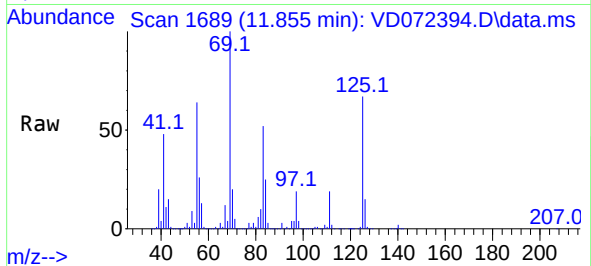




#68
m/p-Xylenes
Concen: 8.439 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.012 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

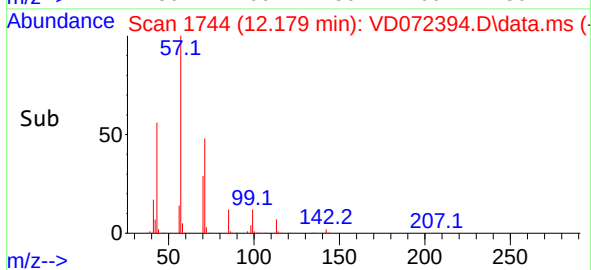
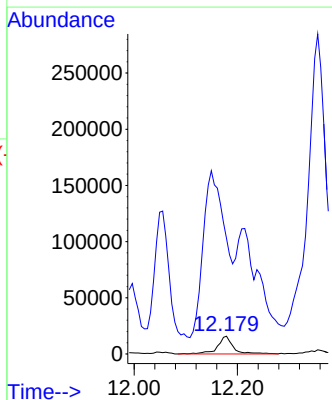
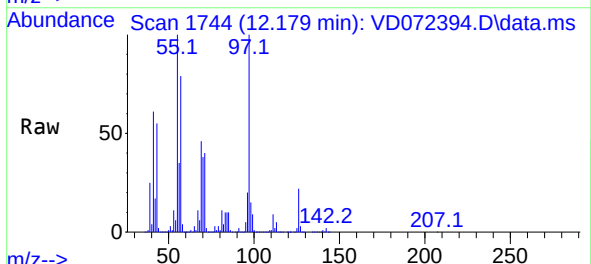
Instrument :
MSVOA_D
ClientSampleId :

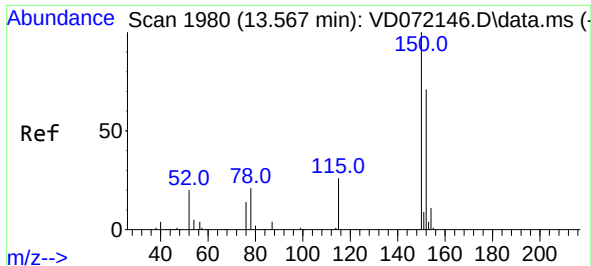
Tgt Ion:106 Resp: 64797
Ion Ratio Lower Upper
106 100
91 349.9 163.7 245.5#



#69
o-Xylene
Concen: 4.563 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion:106 Resp: 33511
Ion Ratio Lower Upper
106 100
91 0.0 110.4 331.2#

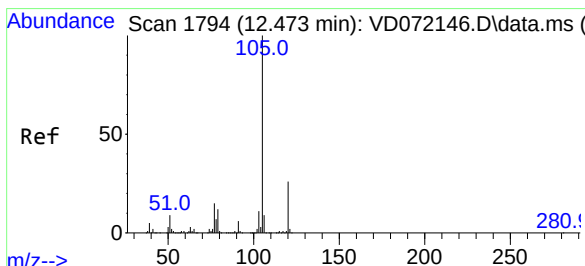
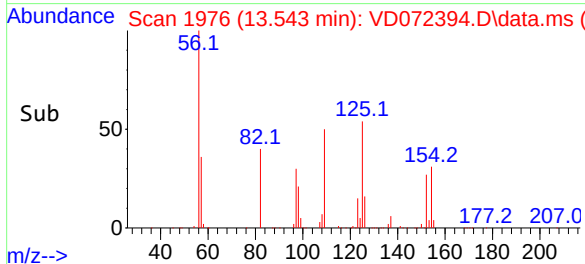
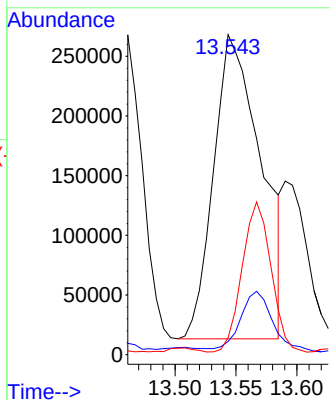
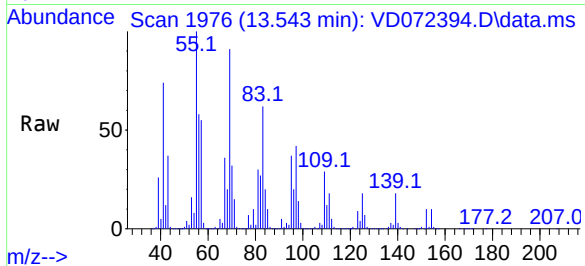




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.543 min Scan# 1980
Delta R.T. -0.024 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

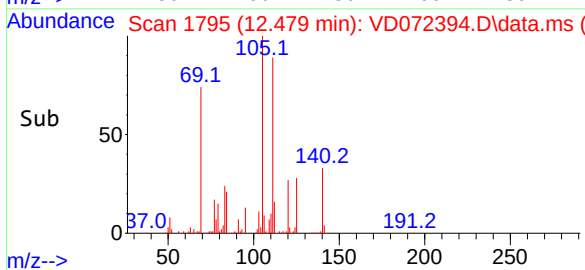
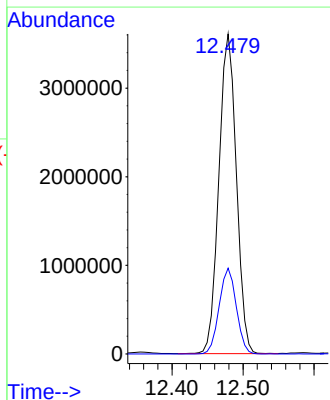
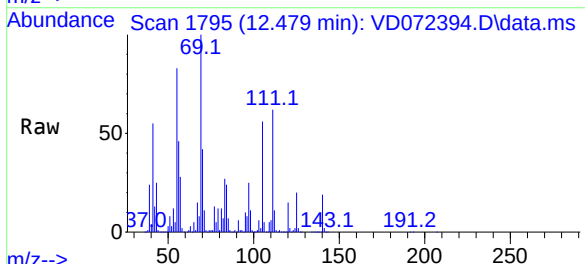
Instrument :
MSVOA_D
ClientSampleId :

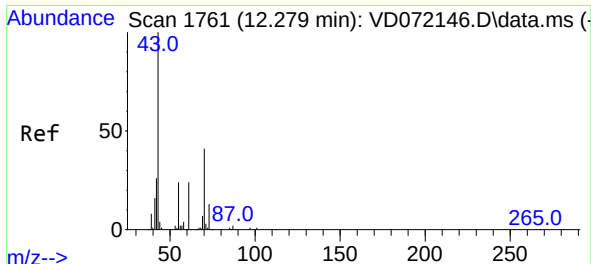
Tgt Ion:152 Resp: 689395
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 0.0 0.0 348.6



#73
Isopropylbenzene
Concen: 112.520 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion:105 Resp: 6147069
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

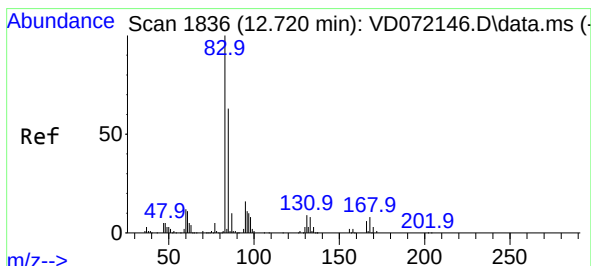
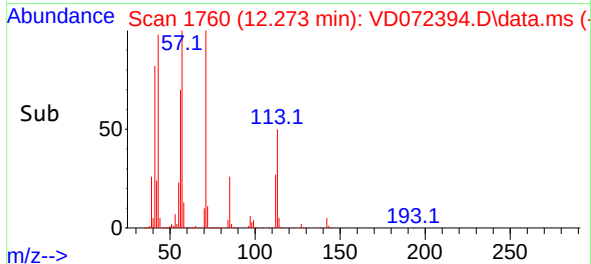
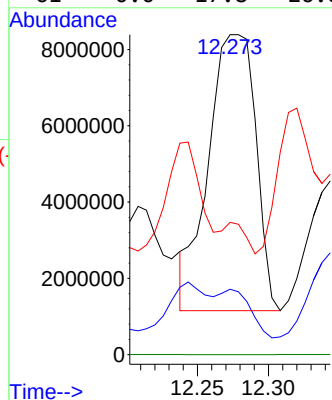
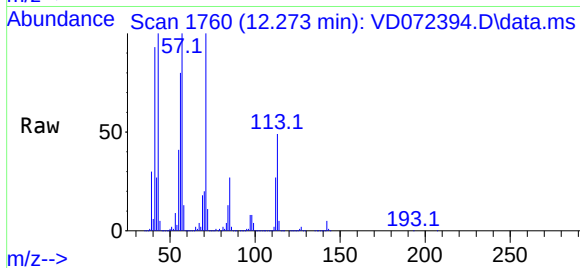




#74
N-amy1 acetate
Concen: 1432.834 ug/l
RT: 12.273 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

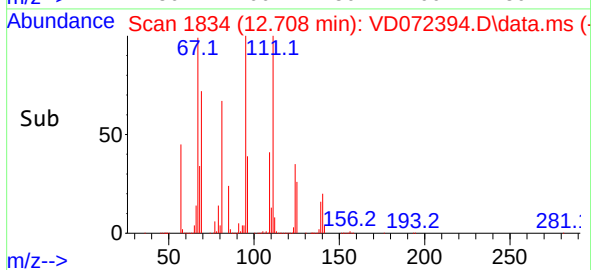
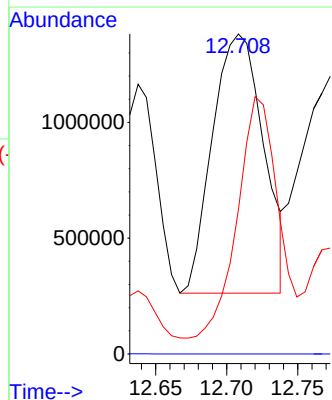
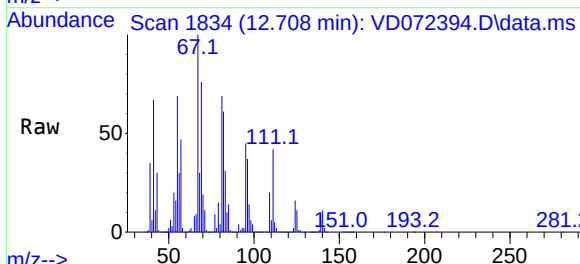
Instrument :
MSVOA_D
ClientSampleId :

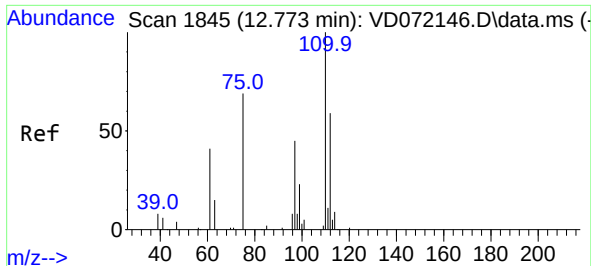
Tgt Ion: 43 Resp:16821827
Ion Ratio Lower Upper
43 100
70 0.0 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 286.586 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.012 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 83 Resp: 2800137
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 73.7 32.6 98.0

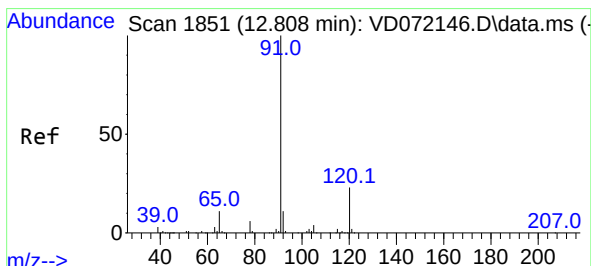
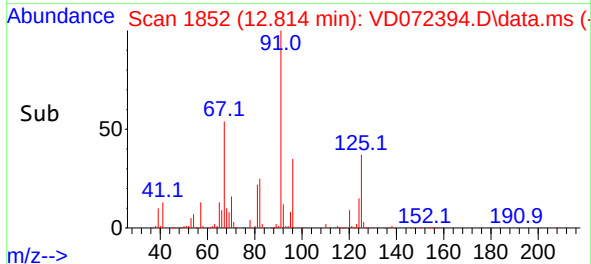
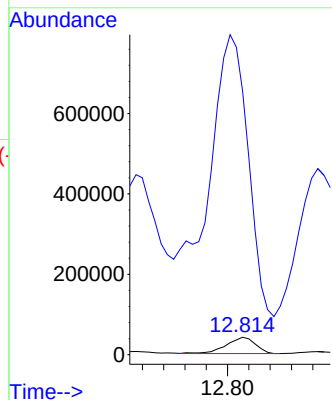
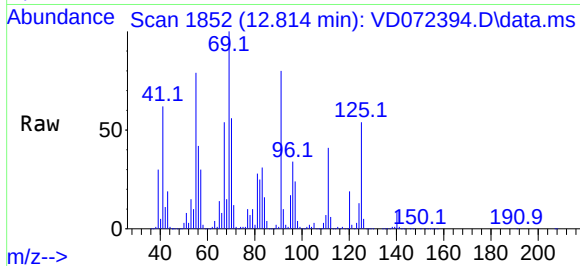




#76
1,2,3-Trichloropropane
Concen: 10.158 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.041 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

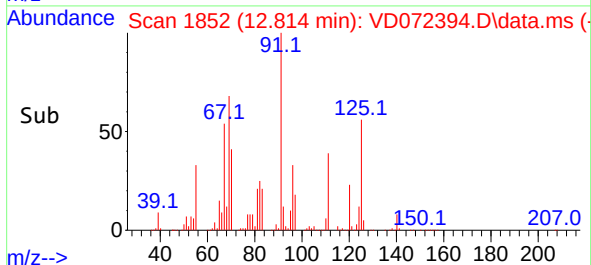
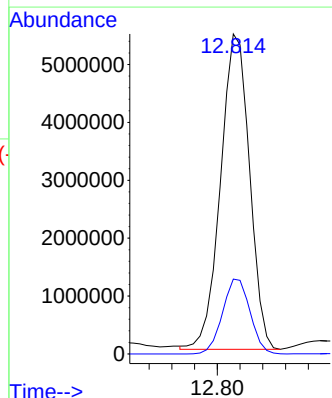
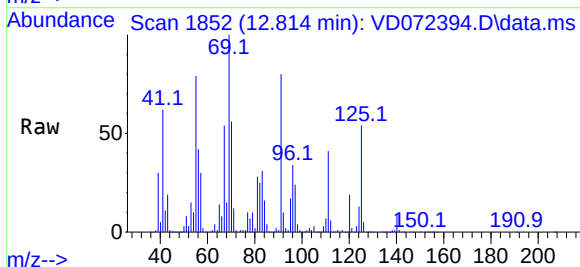
Instrument :
MSVOA_D
ClientSampleId :

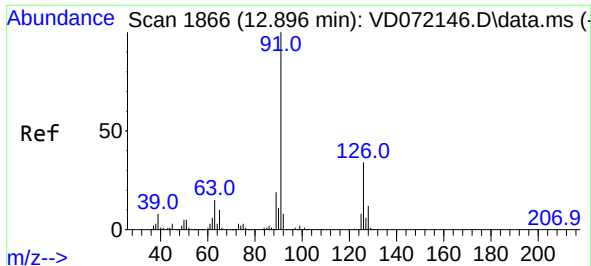
Tgt Ion: 75 Resp: 77248
Ion Ratio Lower Upper
75 100
77 2096.7 0.0 0.0#



#78
n-propylbenzene
Concen: 145.364 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

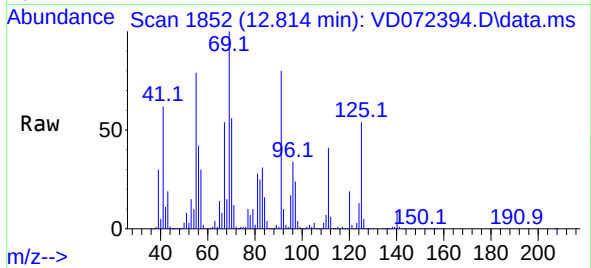
Tgt Ion: 91 Resp: 9646055
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9



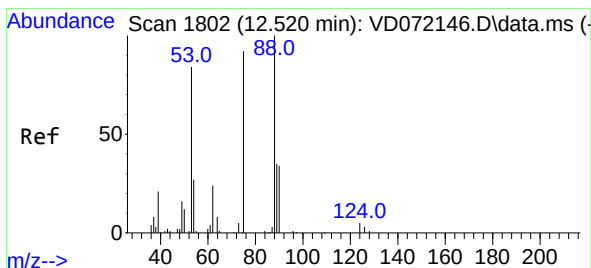
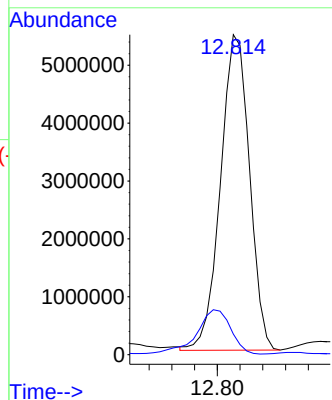
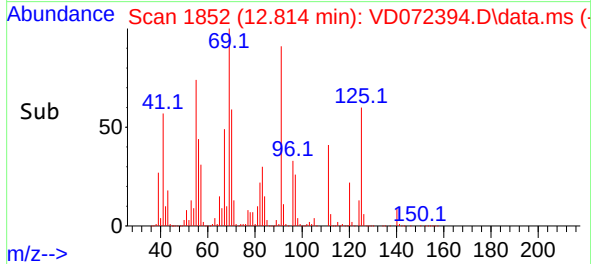


#79
2-Chlorotoluene
Concen: 251.919 ug/l
RT: 12.814 min Scan# 1795
Delta R.T. -0.082 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

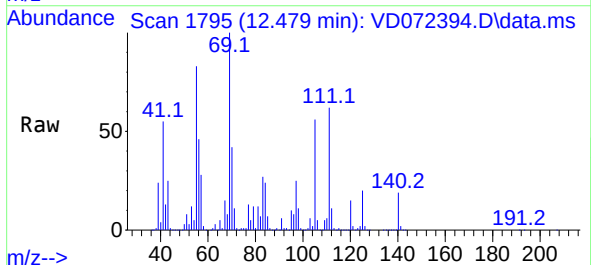
Instrument :
MSVOA_D
ClientSampleId :



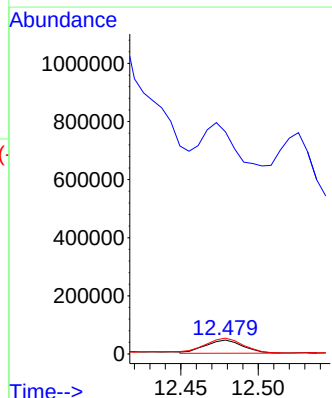
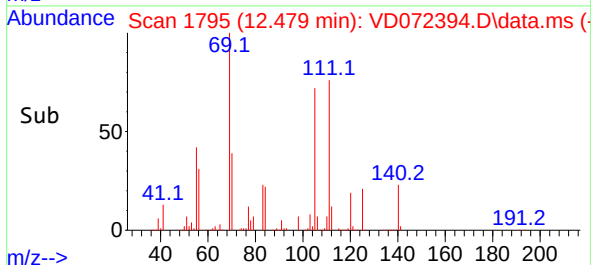
Tgt Ion: 91 Resp: 9666410
Ion Ratio Lower Upper
91 100
126 16.6 16.2 48.6

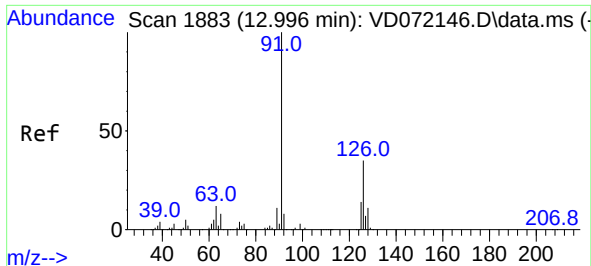


#81
trans-1,4-Dichloro-2-butene
Concen: 25.143 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.041 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02



Tgt Ion: 75 Resp: 77064
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 124.9 33.9 50.9#

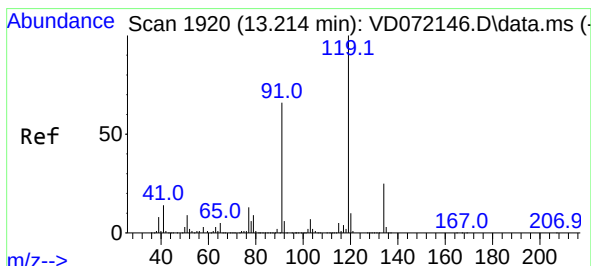
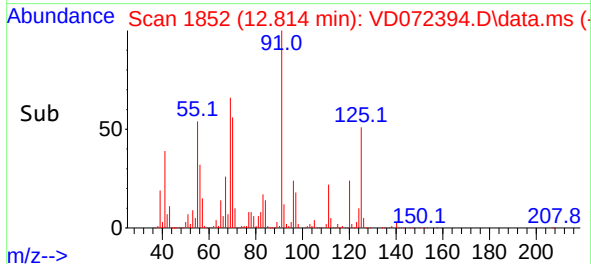
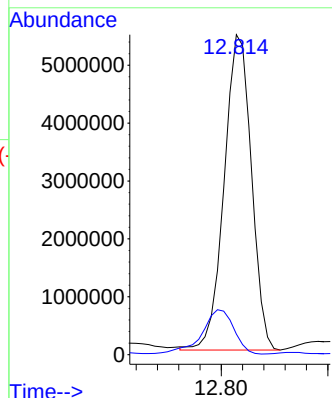
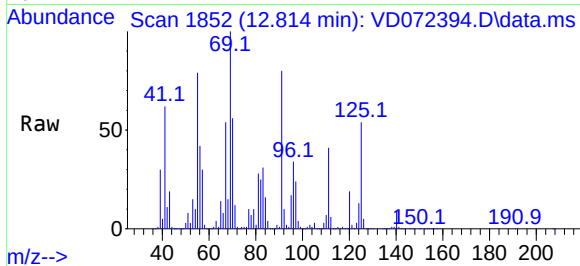




#82
4-Chlorotoluene
Concen: 243.280 ug/l
RT: 12.814 min Scan# 1883
Delta R.T. -0.182 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

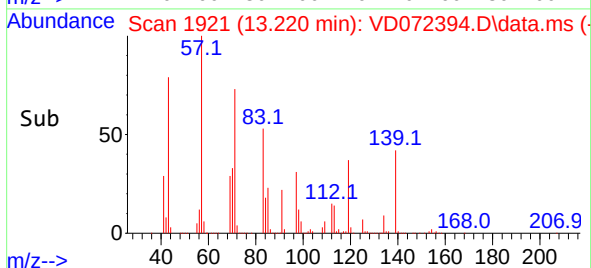
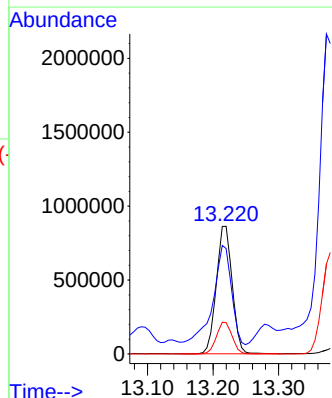
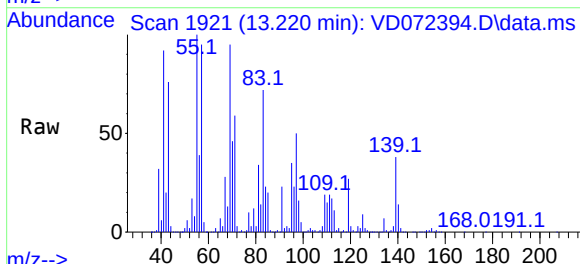
Instrument :
MSVOA_D
ClientSampleId :

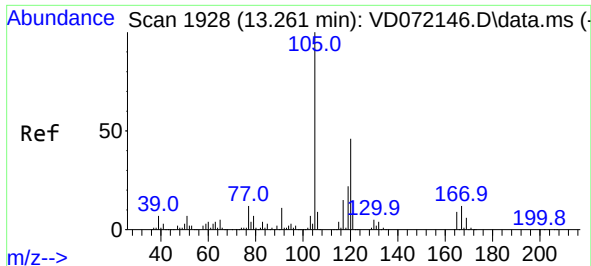
Tgt Ion: 91 Resp: 9665594
Ion Ratio Lower Upper
91 100
126 16.6 16.5 49.5



#83
tert-Butylbenzene
Concen: 35.211 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 119 Resp: 1448852
Ion Ratio Lower Upper
119 100
91 90.4 34.8 104.5
134 24.4 13.3 39.9

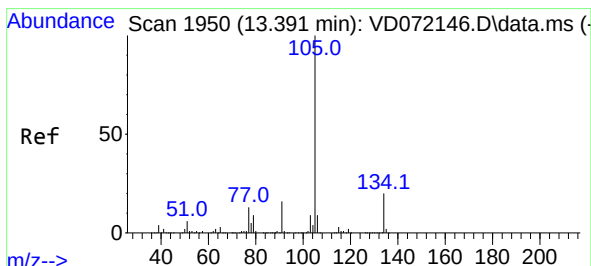
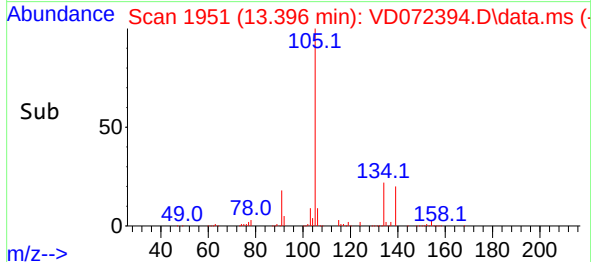
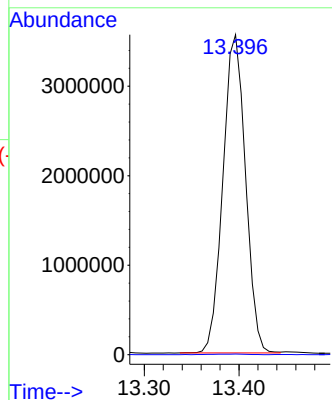
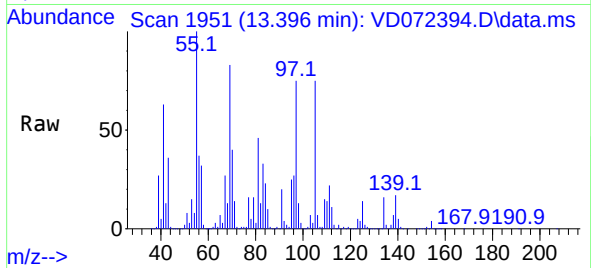




#84
1,2,4-Trimethylbenzene
Concen: 127.439 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.135 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

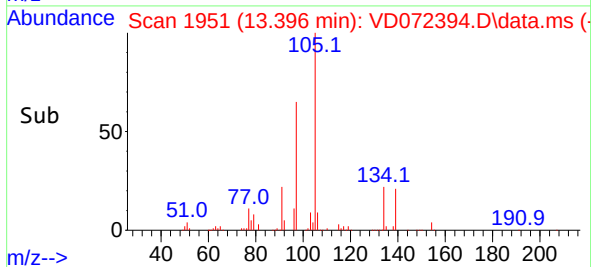
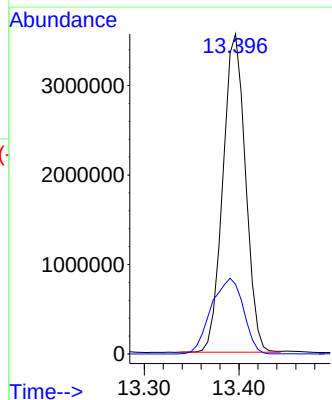
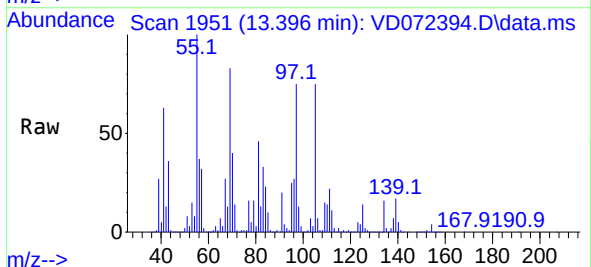
Instrument :
MSVOA_D
ClientSampleId :

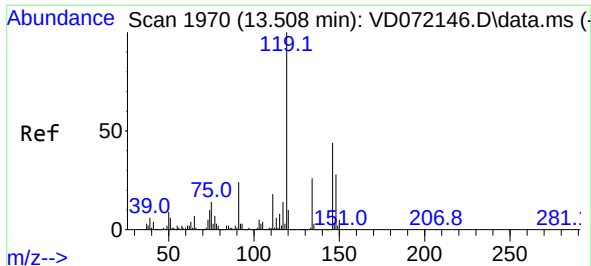
Tgt Ion:105 Resp: 5893363
Ion Ratio Lower Upper
105 100
120 0.2 22.3 66.8#



#85
sec-Butylbenzene
Concen: 95.374 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion:105 Resp: 5893363
Ion Ratio Lower Upper
105 100
134 33.8 9.8 29.3#

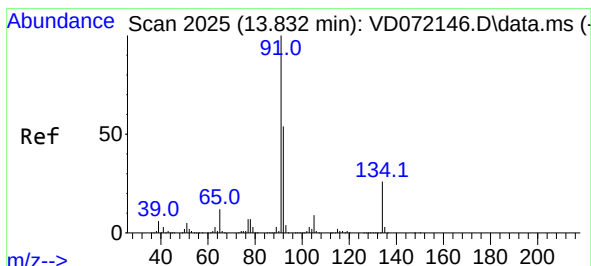
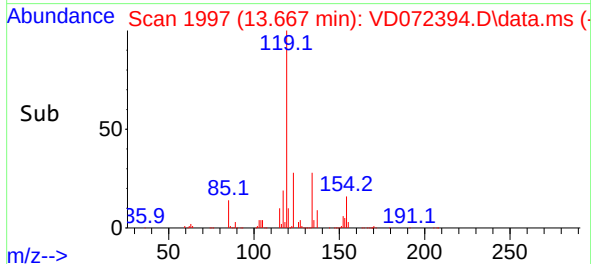
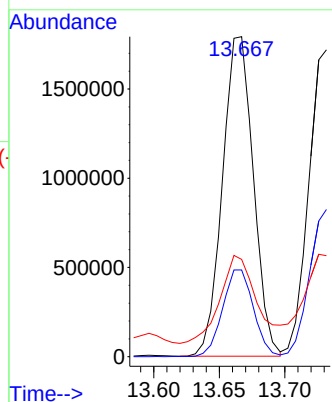
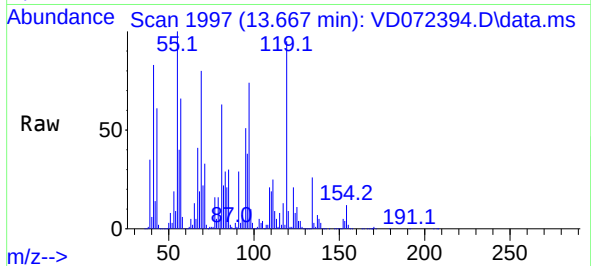




#86
p-Isopropyltoluene
Concen: 57.749 ug/l
RT: 13.667 min Scan# 1970
Delta R.T. 0.159 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

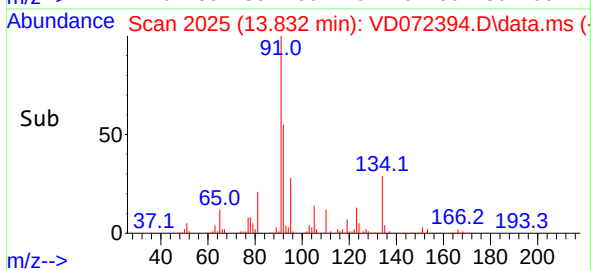
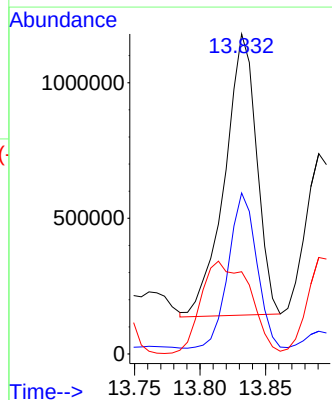
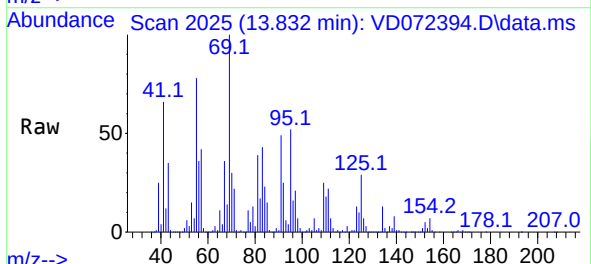
Instrument :
MSVOA_D
ClientSampleId :

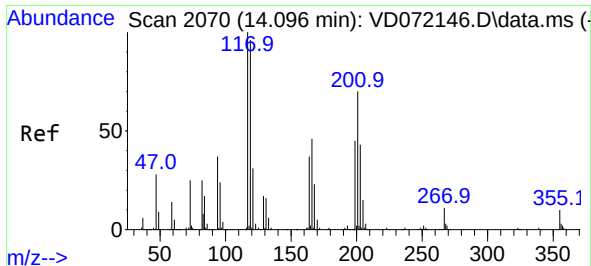
Tgt Ion:119 Resp: 2936382
Ion Ratio Lower Upper
119 100
134 27.2 12.9 38.6
91 32.4 12.1 36.3



#89
n-Butylbenzene
Concen: 36.318 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

Tgt Ion: 91 Resp: 1760211
Ion Ratio Lower Upper
91 100
92 49.3 26.6 79.8
134 49.8 12.3 36.9#

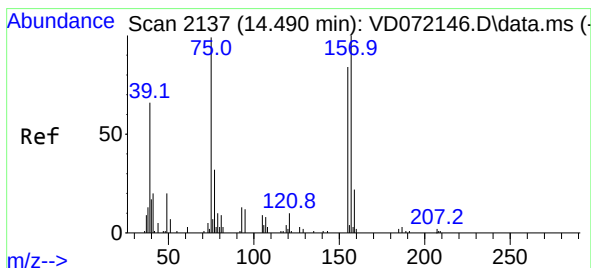
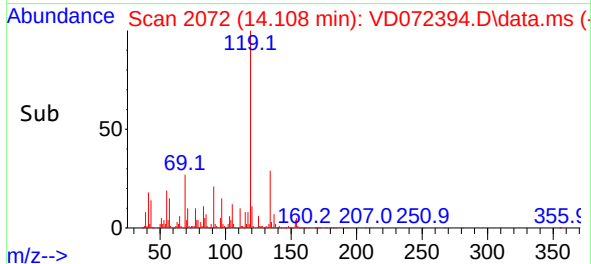
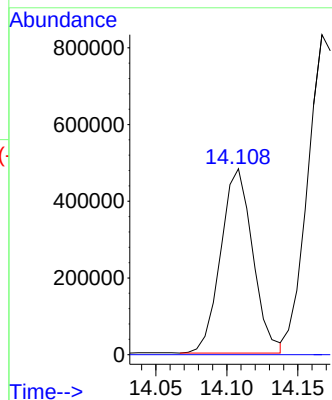
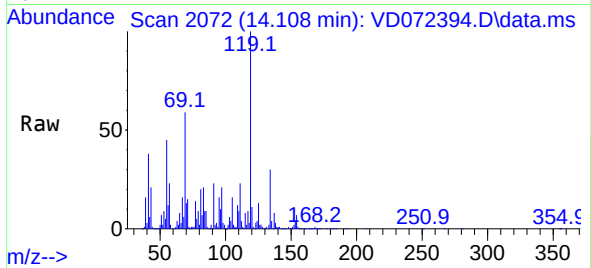




#90
Hexachloroethane
Concen: 75.559 ug/l
RT: 14.108 min Scan# 2070
Delta R.T. 0.012 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

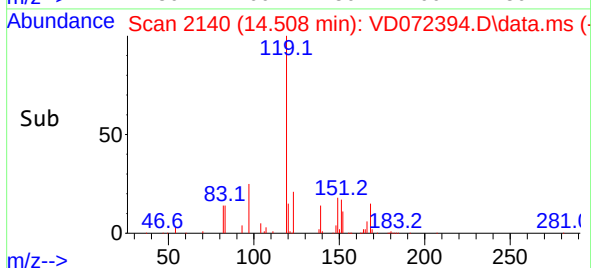
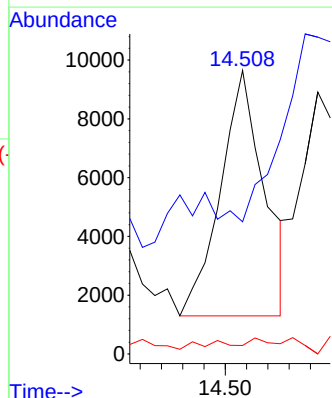
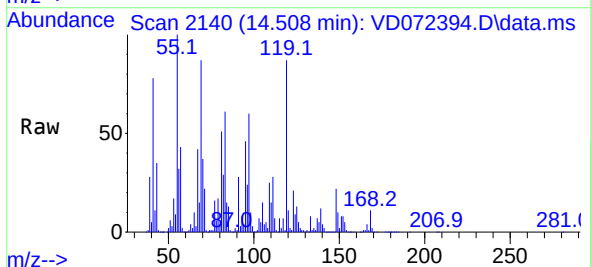
Instrument :
MSVOA_D
ClientSampleId :

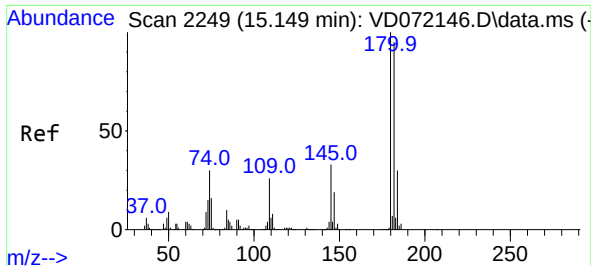
Tgt Ion:117 Resp: 752999
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.644 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.018 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

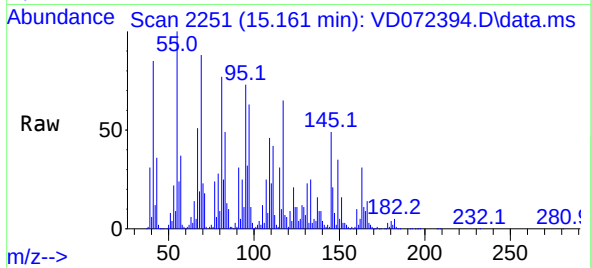
Tgt Ion: 75 Resp: 11920
Ion Ratio Lower Upper
75 100
155 0.0 36.8 110.3#
157 2.7 48.4 145.0#



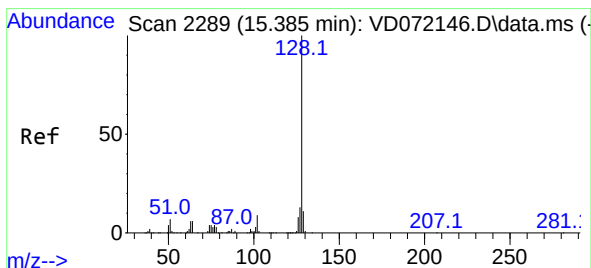
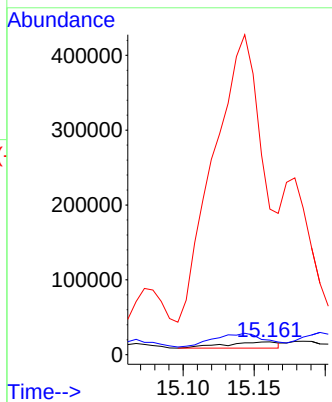
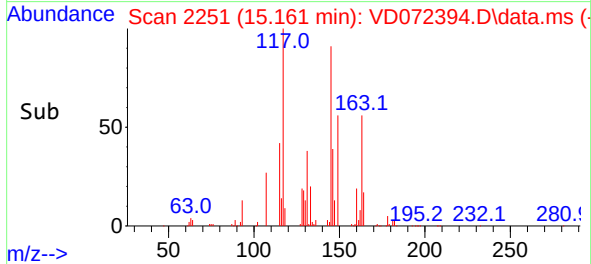


#93
1,2,4-Trichlorobenzene
Concen: 1.478 ug/l
RT: 15.161 min Scan# 21
Delta R.T. 0.012 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02

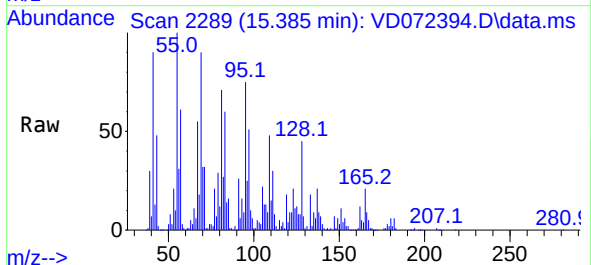
Instrument :
MSVOA_D
ClientSampleId :



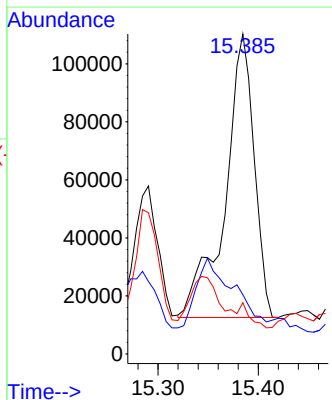
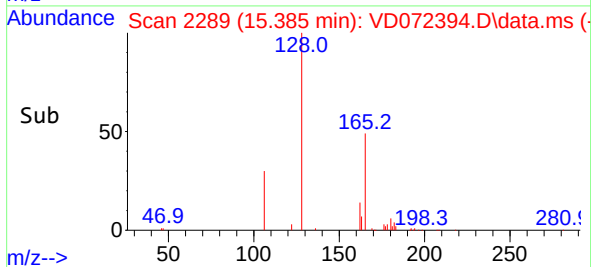
Tgt Ion:180 Resp: 21990
Ion Ratio Lower Upper
180 100
182 212.2 47.3 142.0#
145 4254.2 16.2 48.5#

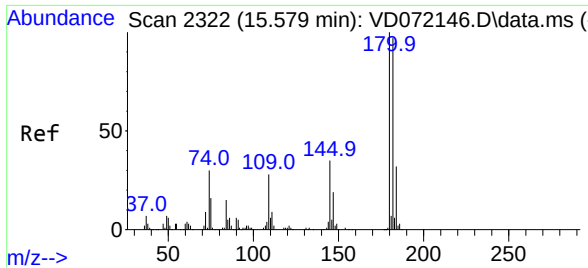


#95
Naphthalene
Concen: 7.711 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072394.D
Acq: 23 Mar 2022 20:02



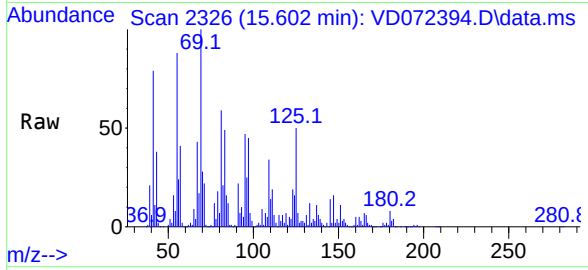
Tgt Ion:128 Resp: 197722
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.128 ug/l
 RT: 15.602 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VD072394.D
 Acq: 23 Mar 2022 20:02

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 27395

Ion	Ratio	Lower	Upper
180	100		
182	63.2	47.6	142.9
145	0.0	17.1	51.3#

