

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071822\
 Data File : VD073854.D
 Acq On : 18 Jul 2022 17:39
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jul 19 02:00:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:56:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	123525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	254552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	238931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	106732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	81274	55.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.200%
35) Dibromofluoromethane	7.909	113	88987	49.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.332	98	316464	48.543	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.620	95	106993	47.734	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.460%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	4484	1.978	ug/l	97
3) Chloromethane	2.209	50	4342	Below Cal		96
4) Vinyl Chloride	2.344	62	6449	2.265	ug/l	99
5) Bromomethane	2.768	94	4202	2.184	ug/l	96
6) Chloroethane	2.921	64	3878	2.021	ug/l	96
7) Trichlorofluoromethane	3.268	101	6680	2.624	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	3796	2.687	ug/l #	65
10) Methyl Iodide	4.303	142	1857	1.334	ug/l #	72
11) Tert butyl alcohol	5.220	59	223	Below Cal	#	74
12) 1,1-Dichloroethene	4.062	96	3186	2.538	ug/l #	74
13) Acrolein	3.944	56	78	1.139	ug/l #	14
14) Allyl chloride	4.703	41	2462	1.344	ug/l #	69
16) Acetone	4.156	43	1814	7.495	ug/l #	47
17) Carbon Disulfide	4.397	76	10593	2.641	ug/l	96
18) Methyl Acetate	4.715	43	221	Below Cal	#	55
20) Methylene Chloride	4.962	84	31481	7.937	ug/l	84
21) trans-1,2-Dichloroethene	5.456	96	2886	1.945	ug/l #	63
23) Vinyl Acetate	6.309	43	4978	2.339	ug/l #	85
25) 2-Butanone	7.209	43	1564	4.553	ug/l #	89
27) cis-1,2-Dichloroethene	7.203	96	1961	1.174	ug/l	96
28) Bromochloromethane	7.532	49	1007	1.042	ug/l #	69
29) Tetrahydrofuran	7.561	42	750	3.600	ug/l #	50
30) Chloroform	7.703	83	3804	1.342	ug/l	99
31) Cyclohexane	7.973	56	9273	3.956	ug/l #	73
32) 1,1,1-Trichloroethane	7.903	97	5100	1.934	ug/l	94
36) 1,1-Dichloropropene	8.103	75	4103	1.584	ug/l	86
38) Carbon Tetrachloride	8.085	117	5707	1.929	ug/l #	89
39) Methylcyclohexane	9.350	83	6378	2.112	ug/l	97
40) Benzene	8.344	78	8154	1.157	ug/l #	86
44) Trichloroethene	9.103	130	2579	1.311	ug/l	77
45) 1,2-Dichloropropane	9.391	63	1773	1.041	ug/l #	75
51) 4-Methyl-2-Pentanone	10.226	43	2336	2.510	ug/l	100
52) Toluene	10.391	92	5725	1.207	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.938	63	990	1.217	ug/l #	81
59) 2-Hexanone	10.979	43	1357	2.134	ug/l	84
64) Tetrachloroethene	10.867	164	2377	1.492	ug/l #	82

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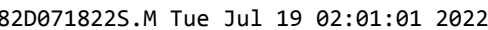
Quant Time: Jul 19 02:00:54 2022
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 QLast Update : Tue Jul 19 01:56:16 2022
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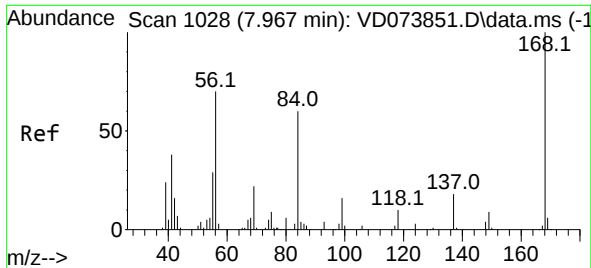
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

65) Chlorobenzene	11.655	112	5379	1.093	ug/l #	77
67) Ethyl Benzene	11.732	91	11231	1.236	ug/l	93
68) m/p-Xylenes	11.838	106	8452	2.380	ug/l	87
73) Isopropylbenzene	12.467	105	10628	1.315	ug/l	90
76) 1,2,3-Trichloropropane	12.620	75	59185	51.681	ug/l #	100
78) n-propylbenzene	12.808	91	13701	1.389	ug/l	97
79) 2-Chlorotoluene	12.897	91	6319	1.142	ug/l	94
80) 1,3,5-Trimethylbenzene	12.944	105	8041	1.180	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.620	75	59185	139.459	ug/l #	7
82) 4-Chlorotoluene	12.991	91	6356	1.086	ug/l	94
83) tert-Butylbenzene	13.208	119	7569	1.299	ug/l	91
84) 1,2,4-Trimethylbenzene	13.255	105	7052	1.039	ug/l	94
85) sec-Butylbenzene	13.385	105	13367	1.521	ug/l	95
86) p-Isopropyltoluene	13.496	119	9418	1.273	ug/l	95
89) n-Butylbenzene	13.826	91	9555	1.360	ug/l	95
90) Hexachloroethane	14.091	117	1837	1.257	ug/l	98
94) Hexachlorobutadiene	15.249	225	1627	1.547	ug/l	87
95) Naphthalene	15.373	128	3584	1.005	ug/l #	94

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

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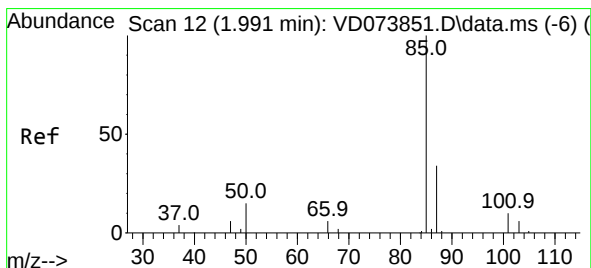
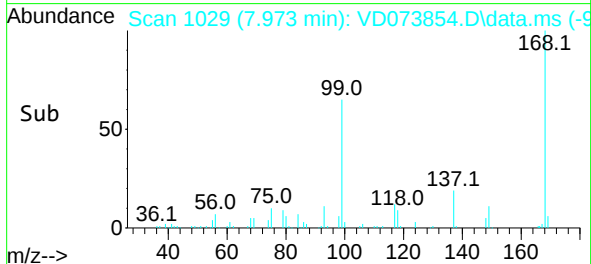
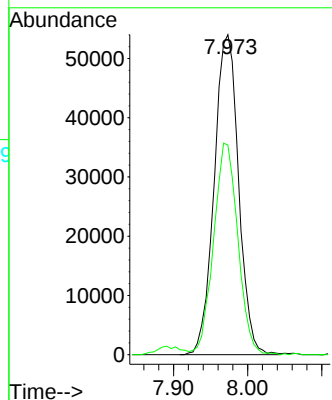
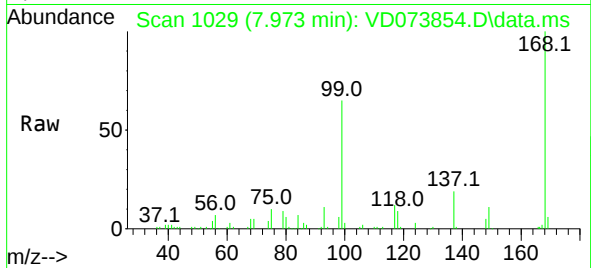




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073854.D
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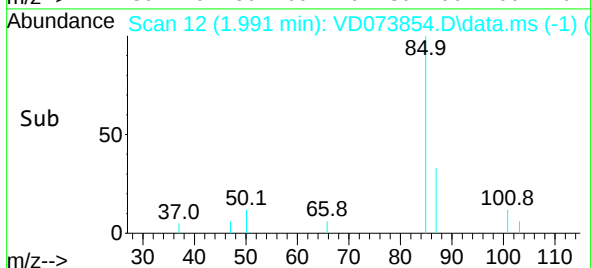
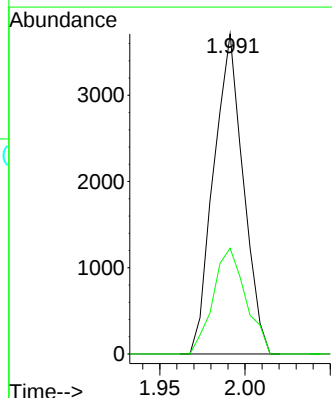
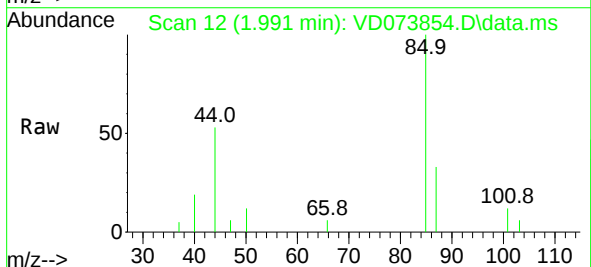
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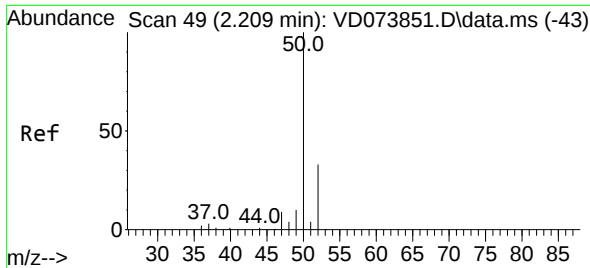
Tgt Ion:168 Resp: 123525
Ion Ratio Lower Upper
168 100
99 65.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.978 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 85 Resp: 4484
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0

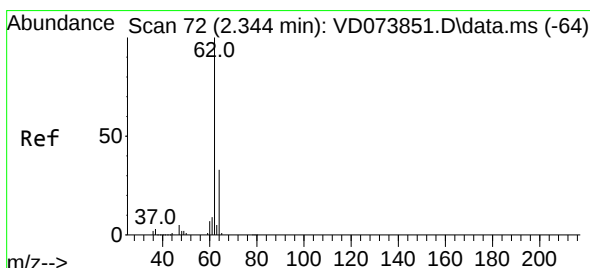
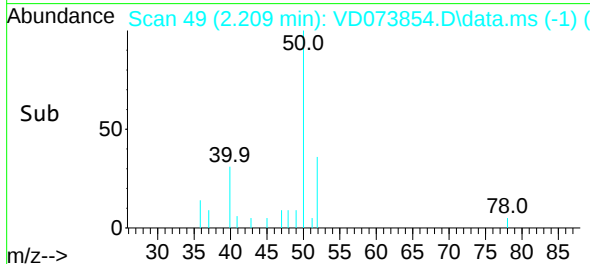
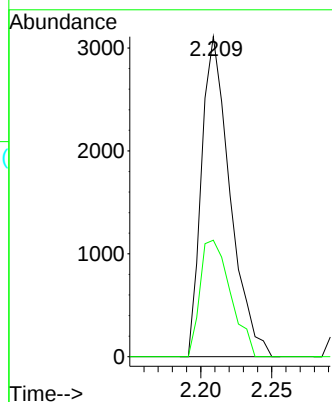
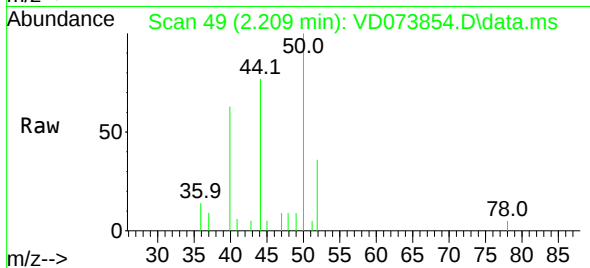




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

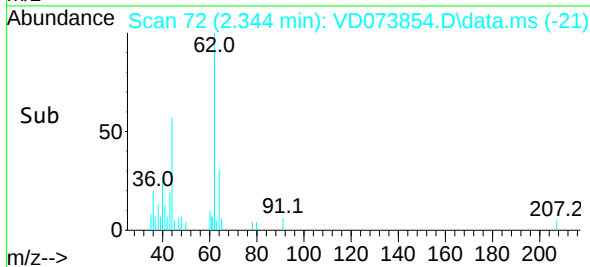
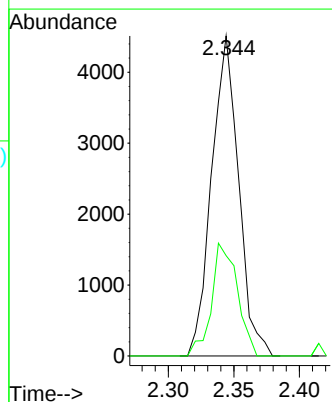
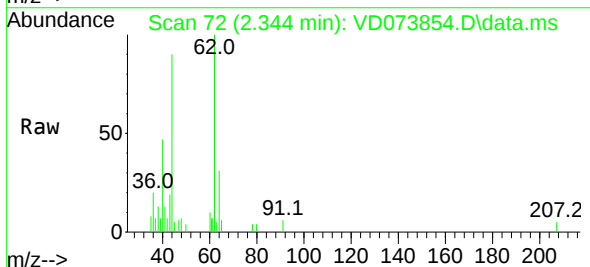
Instrument :
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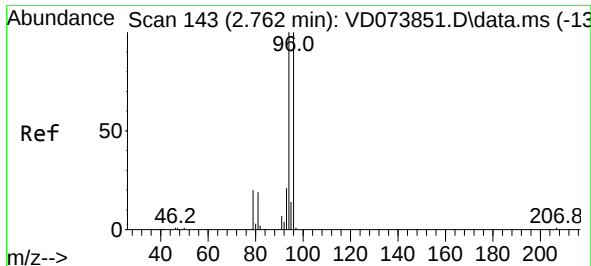
Tgt Ion: 50 Resp: 4342
Ion Ratio Lower Upper
50 100
52 36.4 27.4 41.0



#4
Vinyl Chloride
Concen: 2.265 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 62 Resp: 6449
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

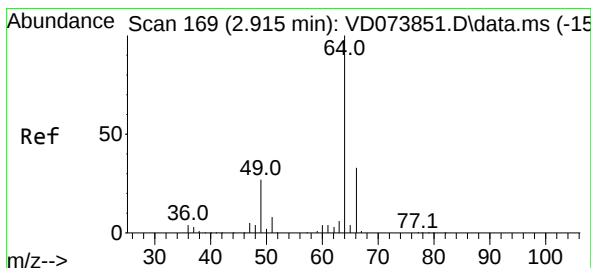
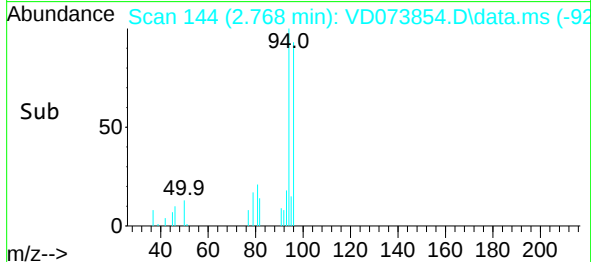
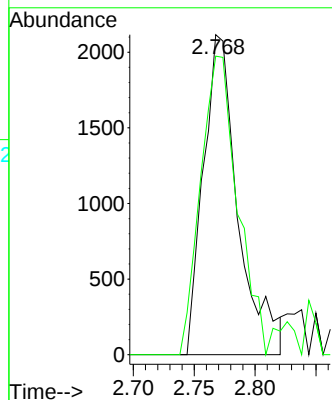
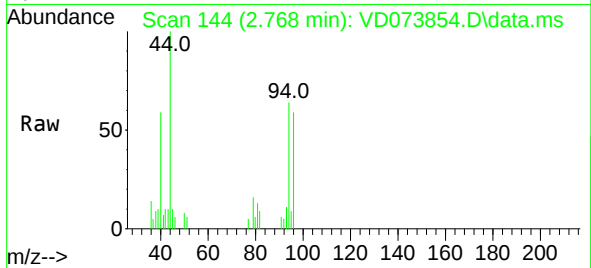




#5
Bromomethane
Concen: 2.184 ug/l
RT: 2.768 min Scan# 143
Delta R.T. 0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

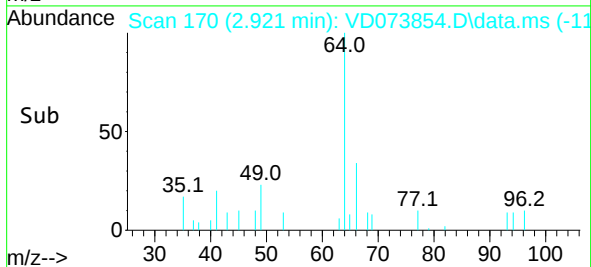
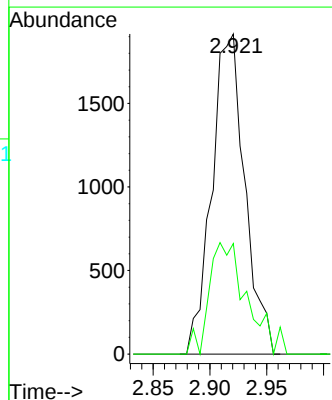
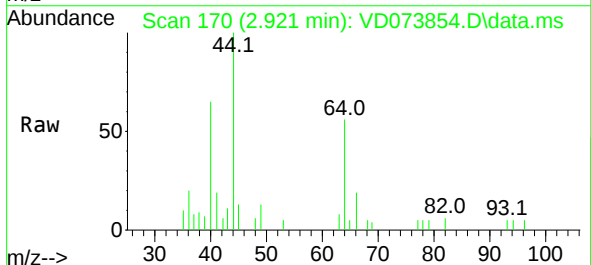
Instrument :
MSVOA_D
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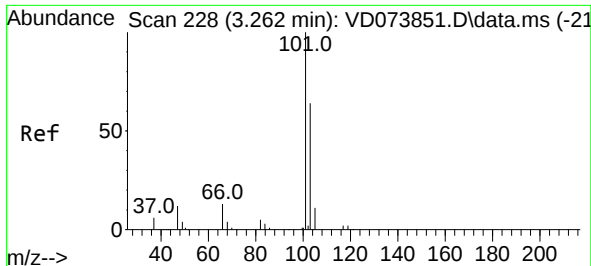
Tgt Ion: 94 Resp: 4202
Ion Ratio Lower Upper
94 100
96 93.3 77.6 116.4



#6
Chloroethane
Concen: 2.021 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 64 Resp: 3878
Ion Ratio Lower Upper
64 100
66 34.5 25.9 38.9

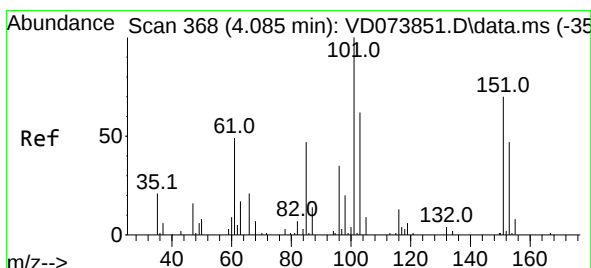
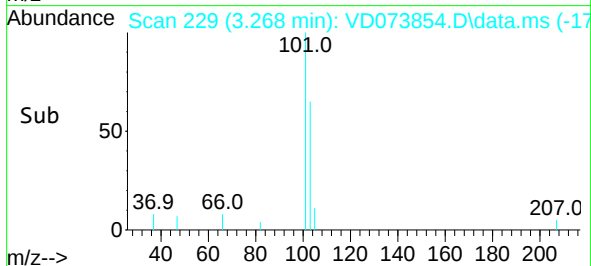
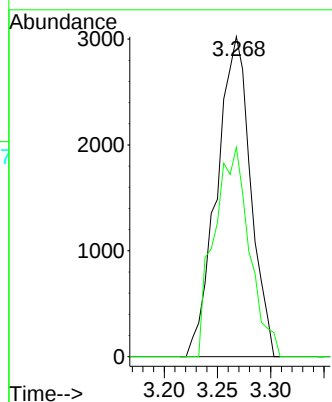
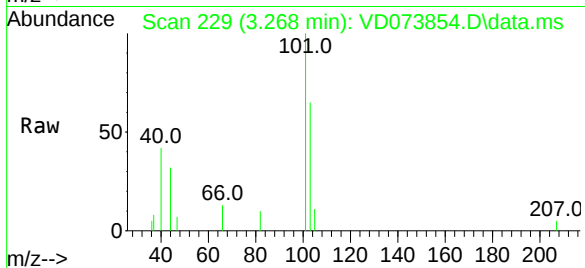




#7
 Trichlorofluoromethane
 Concen: 2.624 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD073854.D
 Acq: 18 Jul 2022 17:39

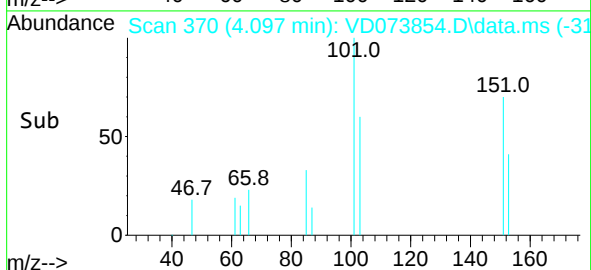
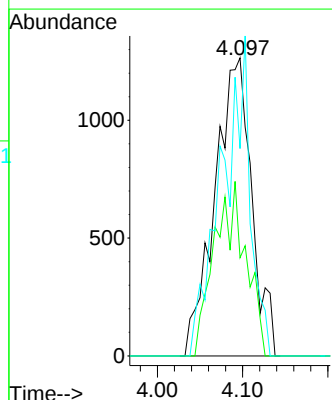
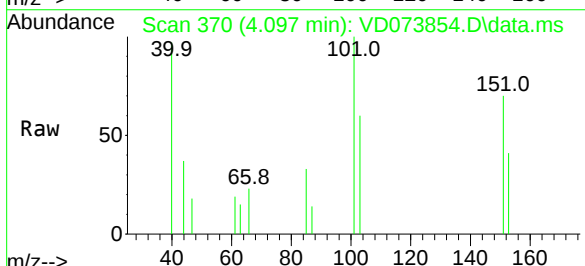
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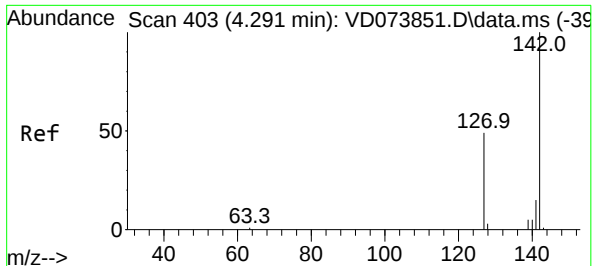
Tgt Ion:101 Resp: 6680
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.1 75.1



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.687 ug/l
 RT: 4.097 min Scan# 370
 Delta R.T. 0.012 min
 Lab File: VD073854.D
 Acq: 18 Jul 2022 17:39

Tgt Ion:101 Resp: 3796
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.4 54.6#
 151 83.0 57.3 85.9

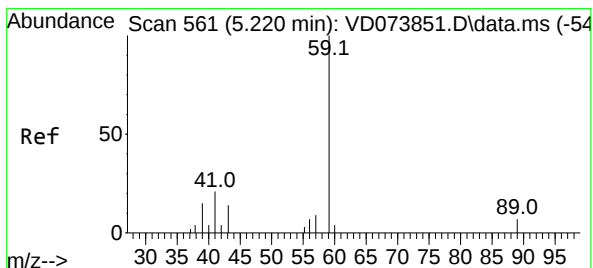
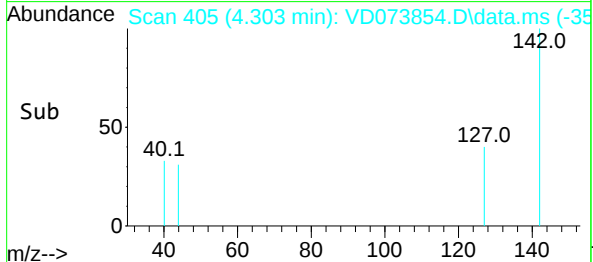
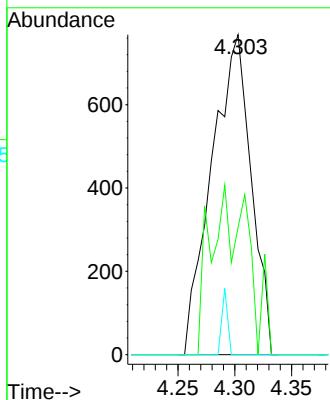
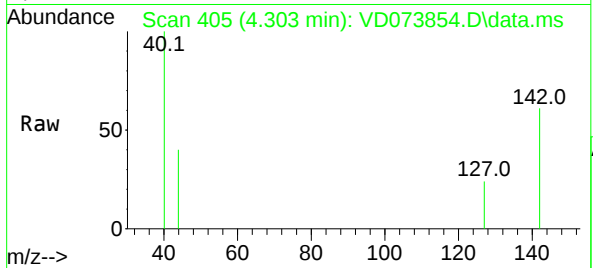




#10
Methyl Iodide
Concen: 1.334 ug/l
RT: 4.303 min Scan# 403
Delta R.T. 0.012 min
Lab File: VD073854.D
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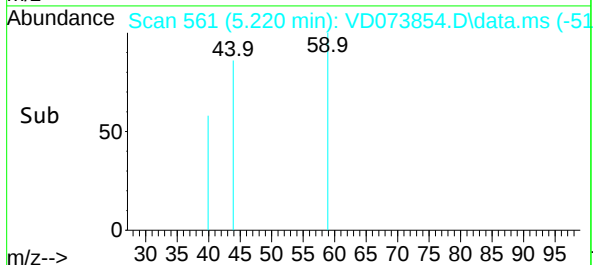
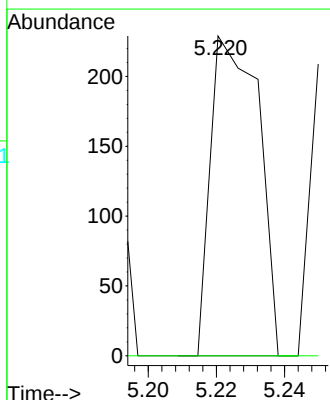
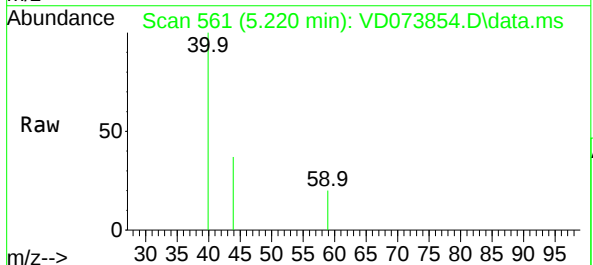
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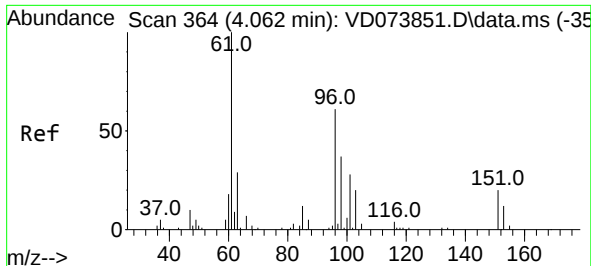
Tgt Ion:142 Resp: 1857
Ion Ratio Lower Upper
142 100
127 28.2 37.3 55.9#
141 3.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 59 Resp: 223
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

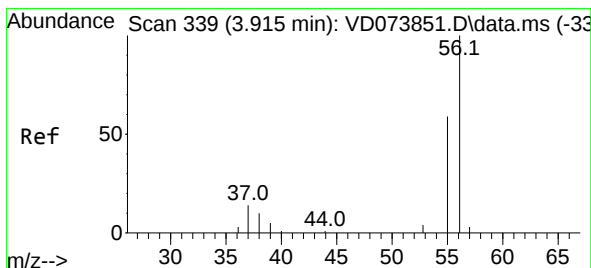
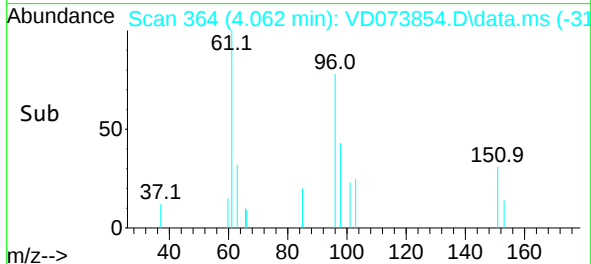
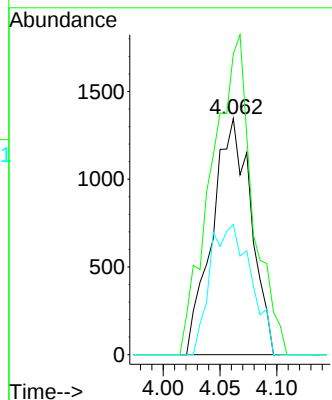
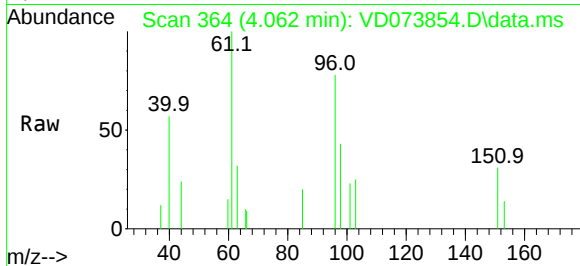




#12
1,1-Dichloroethene
Concen: 2.538 ug/l
RT: 4.062 min Scan# 301
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

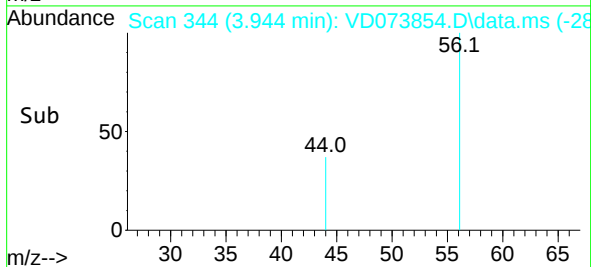
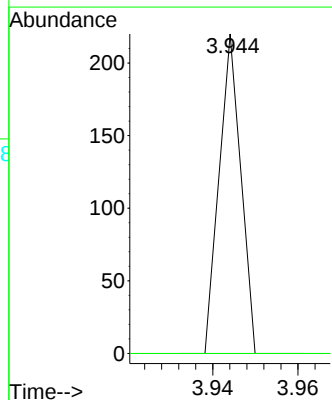
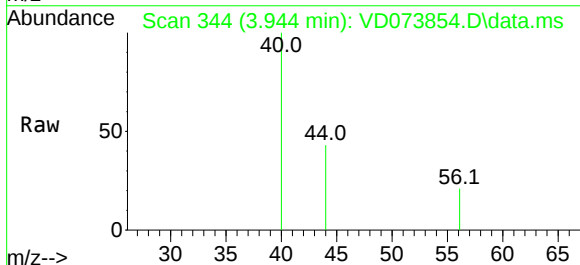
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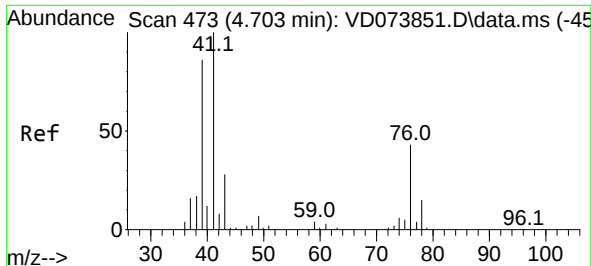
Tgt Ion: 96 Resp: 3186
Ion Ratio Lower Upper
96 100
61 127.4 138.5 207.7#
98 55.1 48.6 73.0



#13
Acrolein
Concen: 1.139 ug/l
RT: 3.944 min Scan# 344
Delta R.T. 0.029 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 56 Resp: 78
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

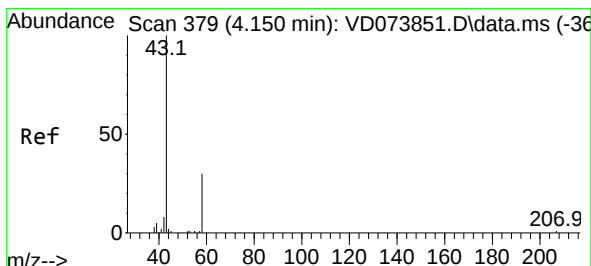
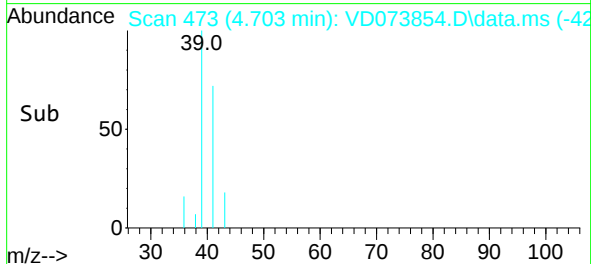
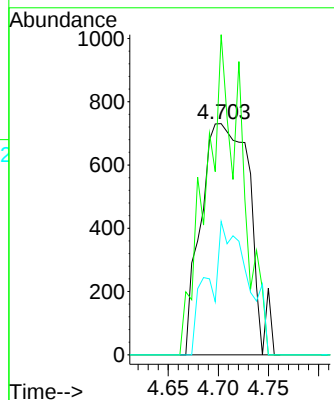
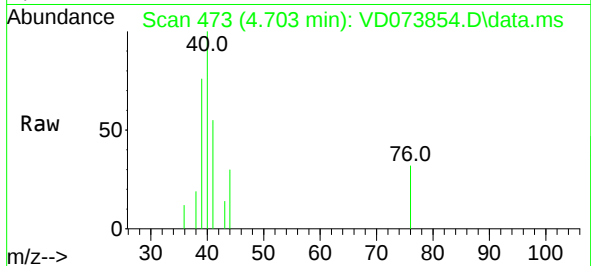




#14
 Allyl chloride
 Concen: 1.344 ug/l
 RT: 4.703 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VD073854.D
 Acq: 18 Jul 2022 17:39

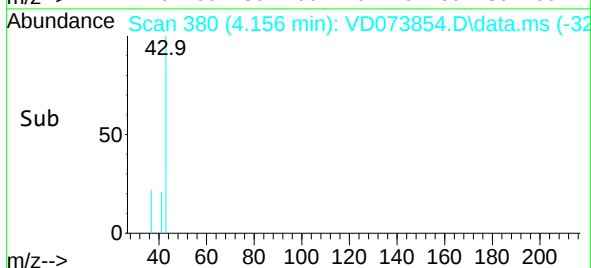
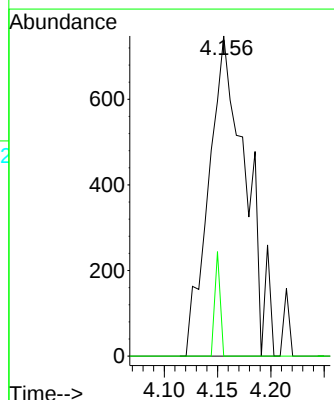
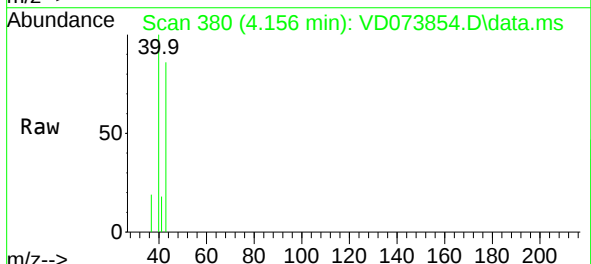
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

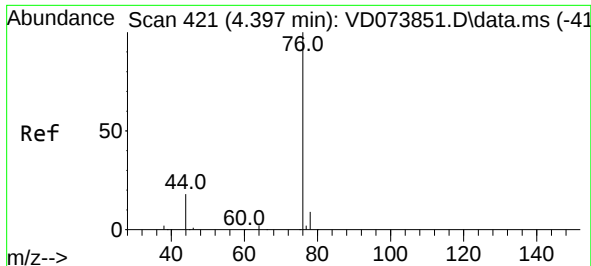
Tgt Ion: 41 Resp: 2462
 Ion Ratio Lower Upper
 41 100
 39 101.9 59.3 88.9#
 76 46.3 25.7 38.5#



#16
 Acetone
 Concen: 7.495 ug/l
 RT: 4.156 min Scan# 380
 Delta R.T. 0.006 min
 Lab File: VD073854.D
 Acq: 18 Jul 2022 17:39

Tgt Ion: 43 Resp: 1814
 Ion Ratio Lower Upper
 43 100
 58 0.0 22.1 33.1#





#17

Carbon Disulfide

Concen: 2.641 ug/l

RT: 4.397 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD073854.D

Acq: 18 Jul 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

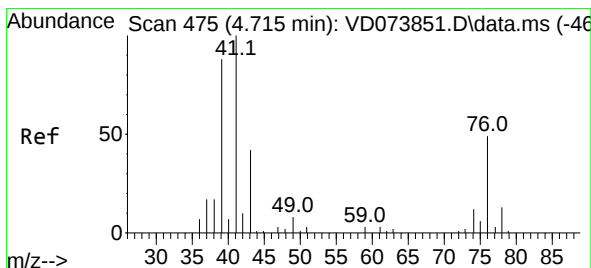
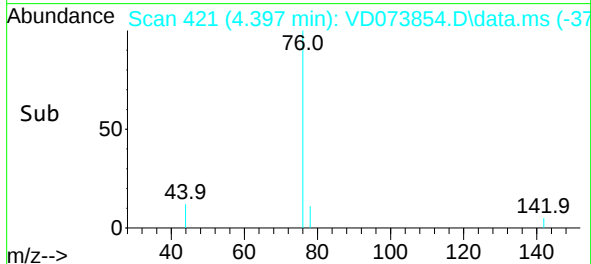
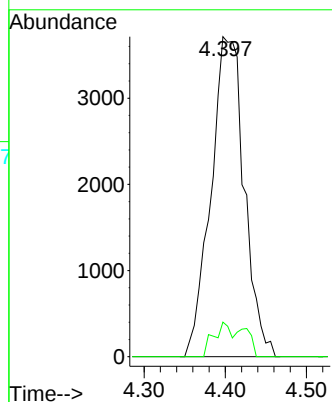
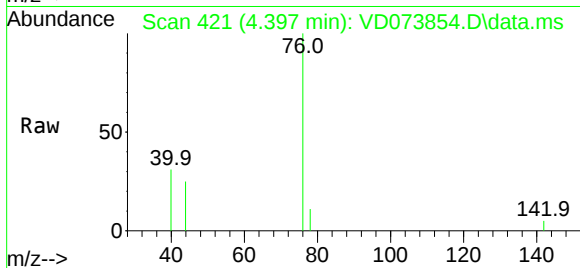
VIBLK

Tgt Ion: 76 Resp: 10593

Ion Ratio Lower Upper

76 100

78 10.8 7.5 11.3



#18

Methyl Acetate

Concen: Below Cal

RT: 4.715 min Scan# 475

Delta R.T. -0.000 min

Lab File: VD073854.D

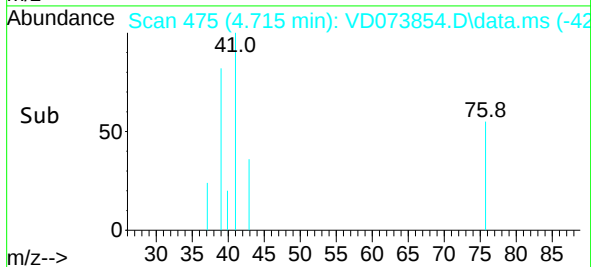
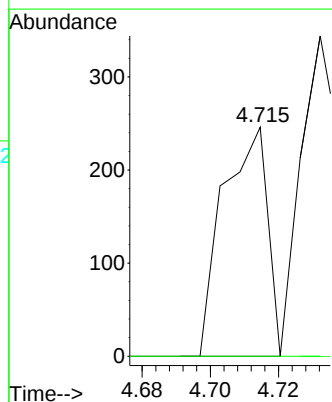
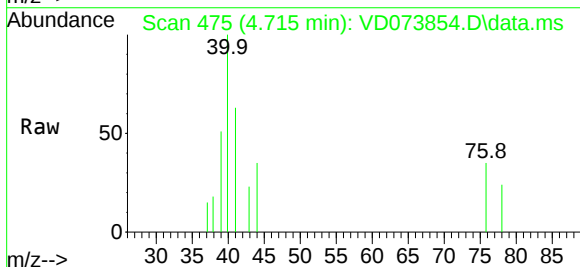
Acq: 18 Jul 2022 17:39

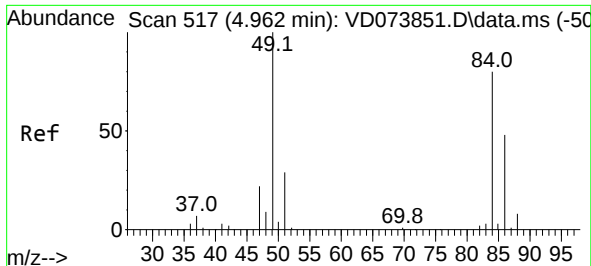
Tgt Ion: 43 Resp: 221

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



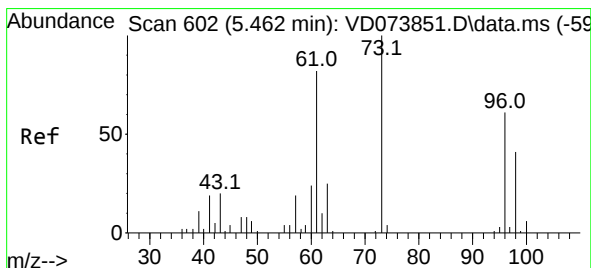
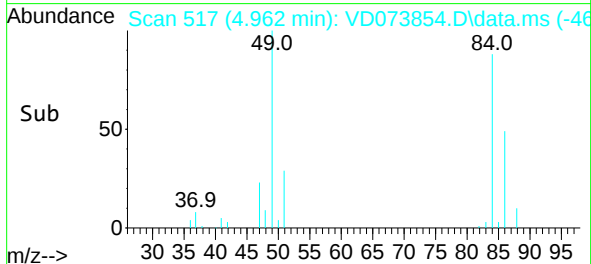
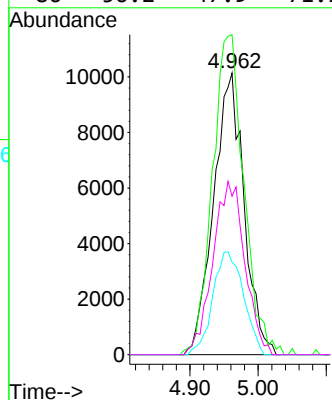
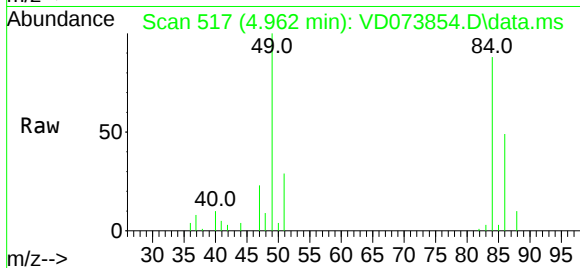


#20
Methylene Chloride
Concen: 7.937 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 31481

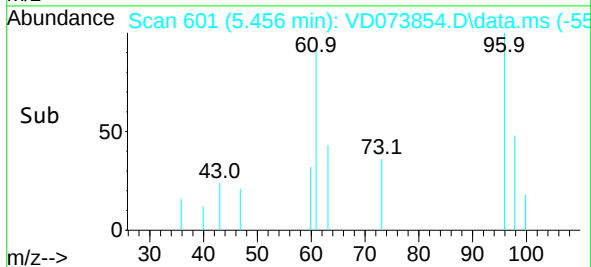
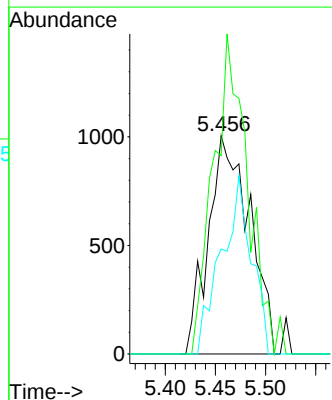
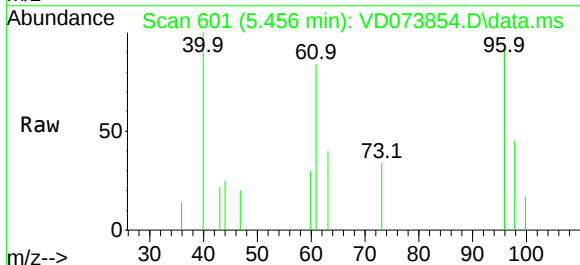
Ion	Ratio	Lower	Upper
84	100		
49	113.6	112.8	169.2
51	32.8	32.6	48.8
86	56.2	47.9	71.9

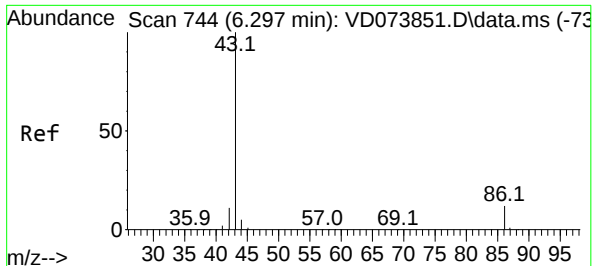


#21
trans-1,2-Dichloroethene
Concen: 1.945 ug/l
RT: 5.456 min Scan# 601
Delta R.T. -0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 96 Resp: 2886

Ion	Ratio	Lower	Upper
96	100		
61	90.9	117.9	176.9#
98	48.2	49.4	74.2#

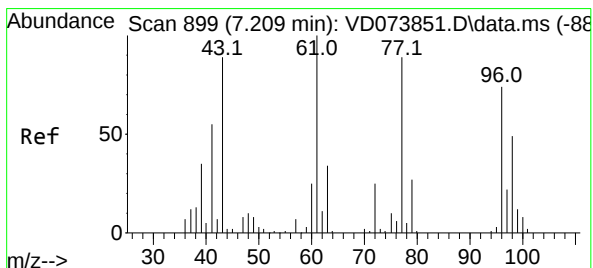
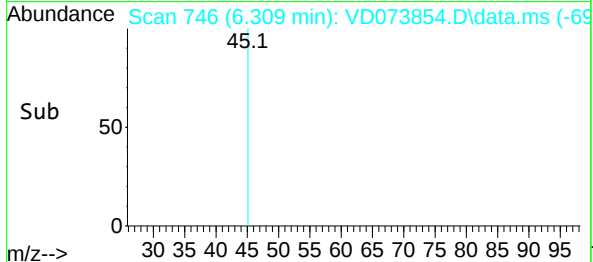
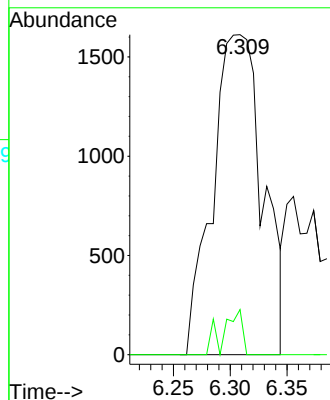
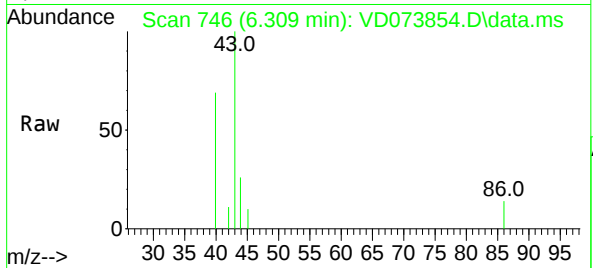




#23
 Vinyl Acetate
 Concen: 2.339 ug/l
 RT: 6.309 min Scan# 744
 Delta R.T. 0.012 min
 Lab File: VD073854.D
 Acq: 18 Jul 2022 17:39

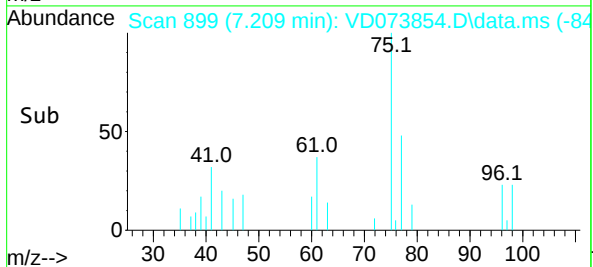
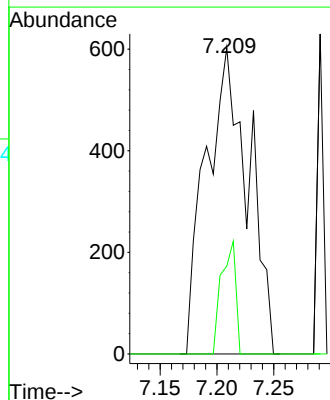
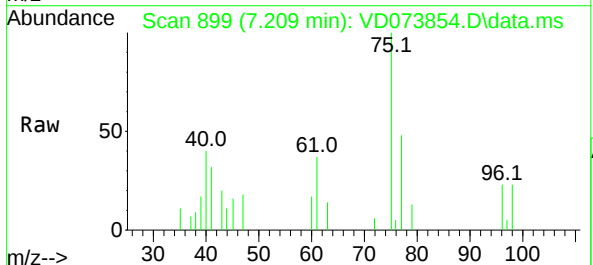
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

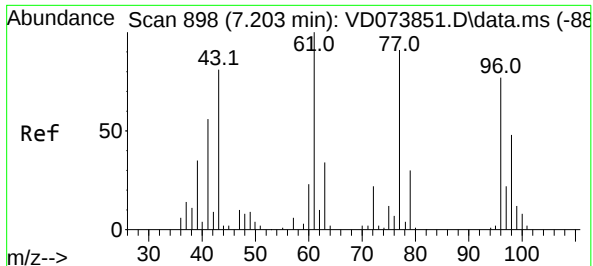
Tgt Ion: 43 Resp: 4978
 Ion Ratio Lower Upper
 43 100
 86 14.1 7.1 10.7#



#25
 2-Butanone
 Concen: 4.553 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073854.D
 Acq: 18 Jul 2022 17:39

Tgt Ion: 43 Resp: 1564
 Ion Ratio Lower Upper
 43 100
 72 28.7 18.6 27.8#





#27

cis-1,2-Dichloroethene

Concen: 1.174 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD073854.D

Acq: 18 Jul 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

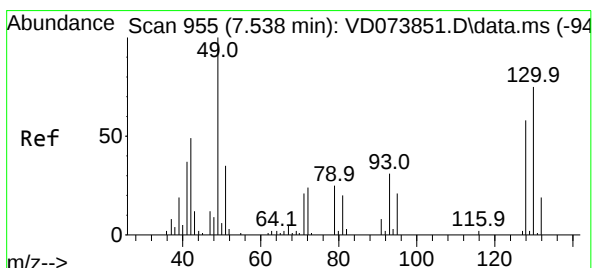
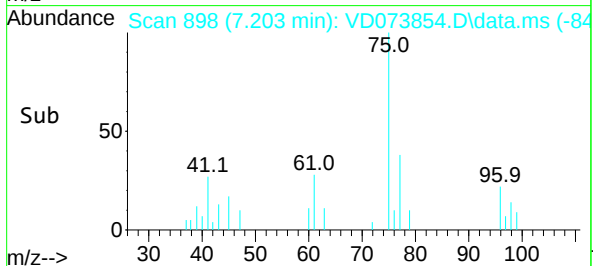
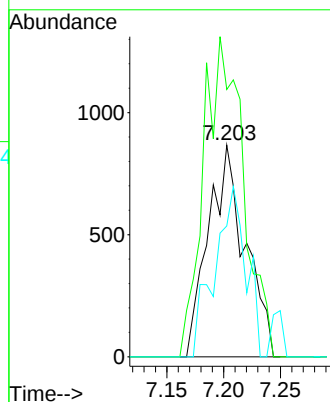
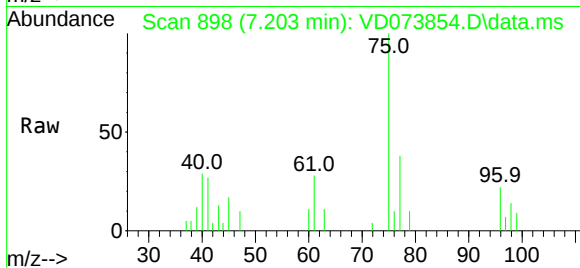
Tgt Ion: 96 Resp: 1961

Ion Ratio Lower Upper

96 100

61 162.6 0.0 313.8

98 68.2 0.0 128.8



#28

Bromochloromethane

Concen: 1.042 ug/l

RT: 7.532 min Scan# 954

Delta R.T. -0.006 min

Lab File: VD073854.D

Acq: 18 Jul 2022 17:39

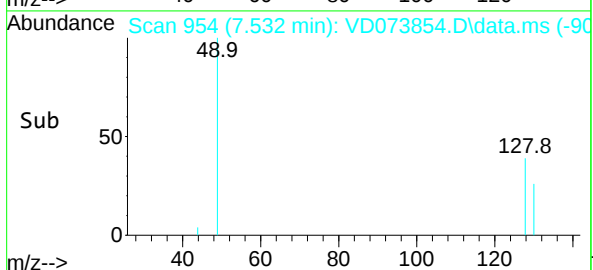
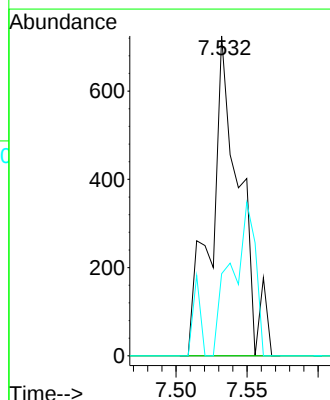
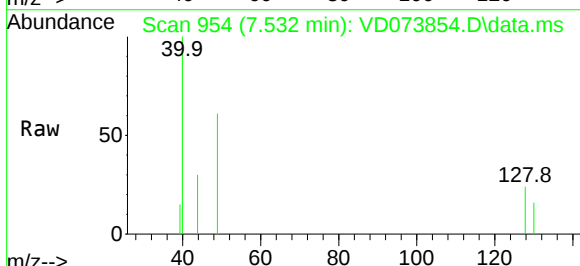
Tgt Ion: 49 Resp: 1007

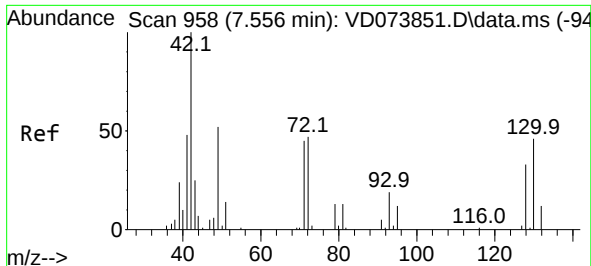
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 40.7 52.6 79.0#





#29

Tetrahydrofuran

Concen: 3.600 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073854.D

Acq: 18 Jul 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

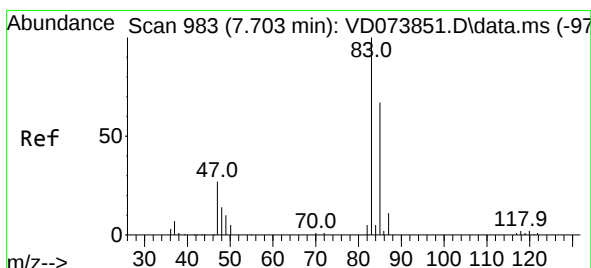
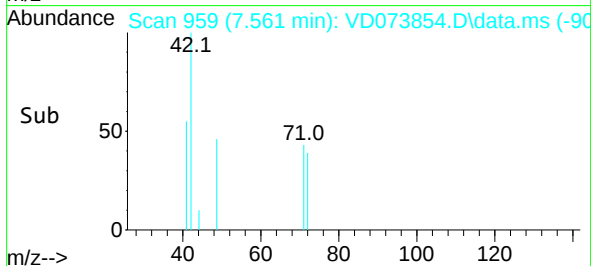
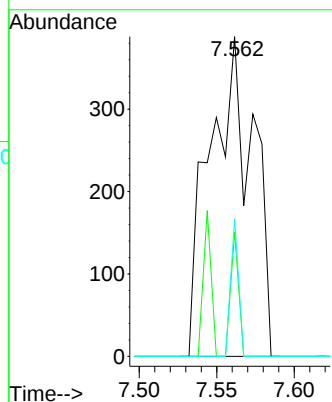
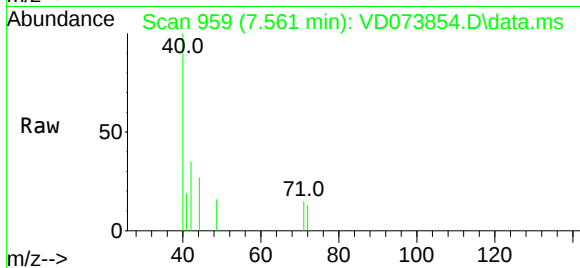
Tgt Ion: 42 Resp: 750

Ion Ratio Lower Upper

42 100

72 7.1 30.7 46.1#

71 7.9 28.6 43.0#



#30

Chloroform

Concen: 1.342 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073854.D

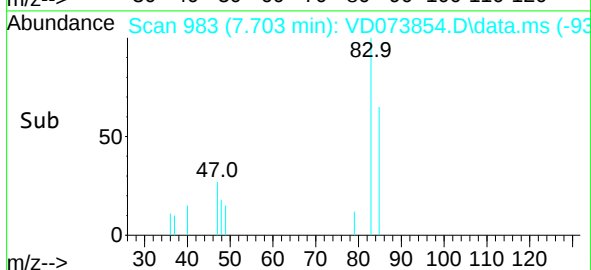
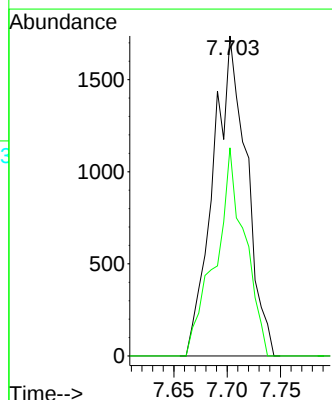
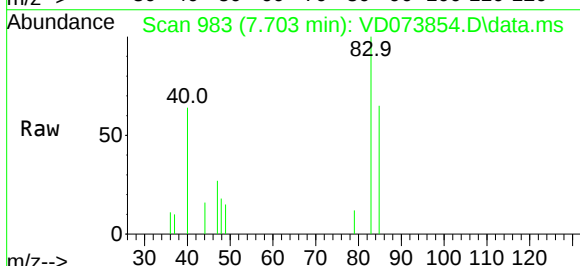
Acq: 18 Jul 2022 17:39

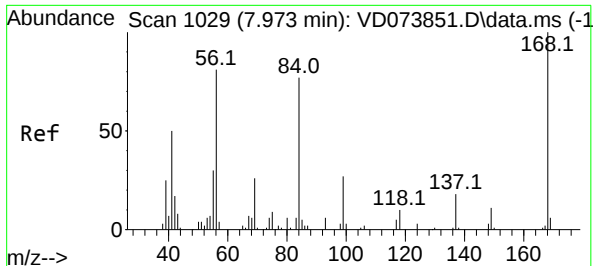
Tgt Ion: 83 Resp: 3804

Ion Ratio Lower Upper

83 100

85 65.1 52.7 79.1

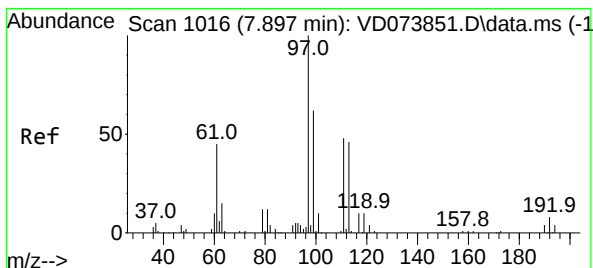
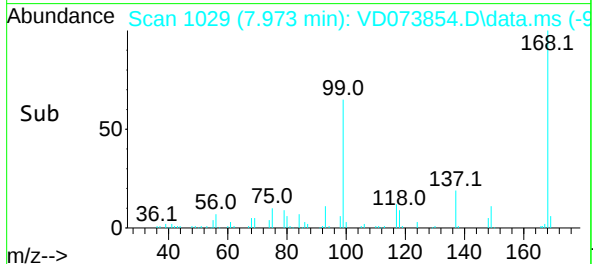
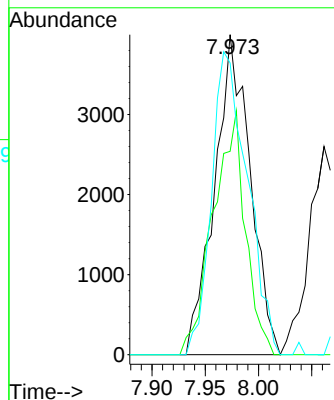
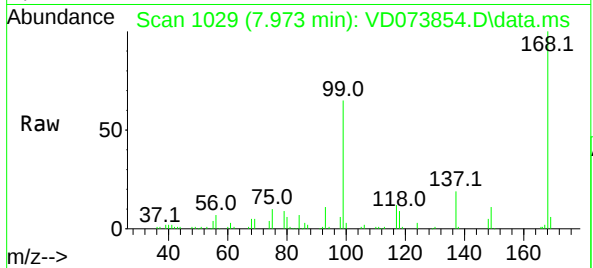




#31
Cyclohexane
Concen: 3.956 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

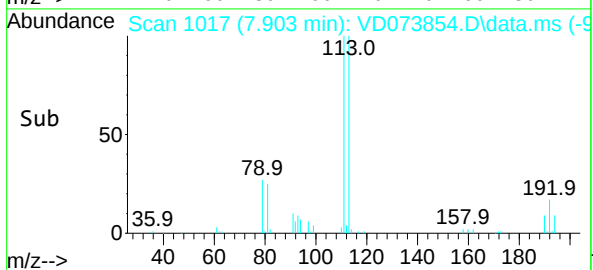
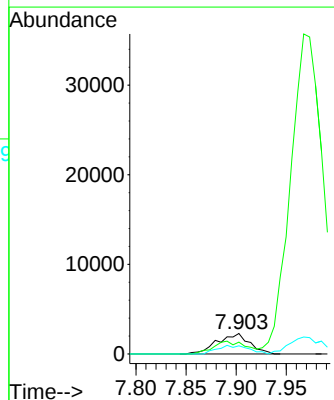
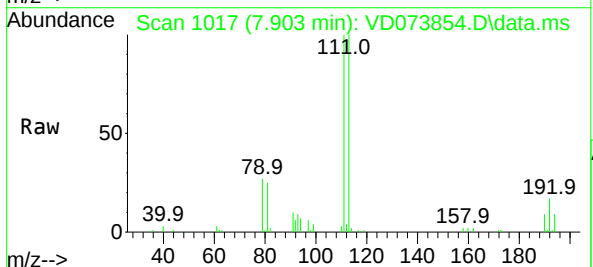
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

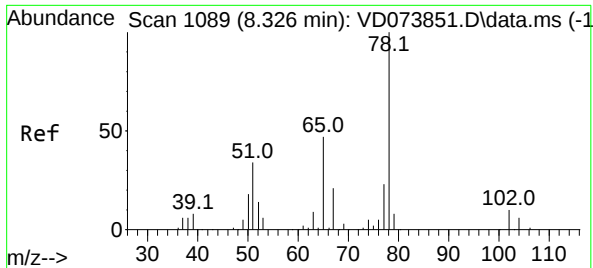
Tgt Ion: 56 Resp: 9273
Ion Ratio Lower Upper
56 100
69 63.6 25.4 38.2#
84 91.1 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 1.934 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 97 Resp: 5100
Ion Ratio Lower Upper
97 100
99 63.1 52.4 78.6
61 40.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 55.100 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073854.D

Acq: 18 Jul 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

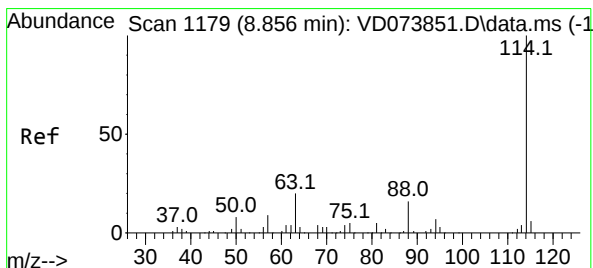
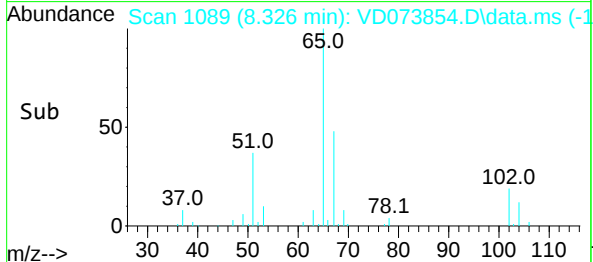
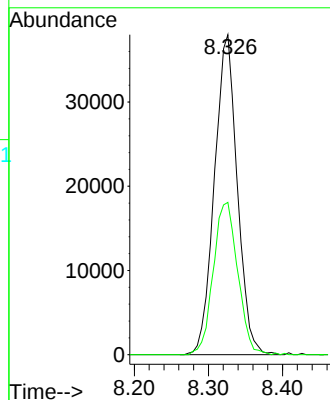
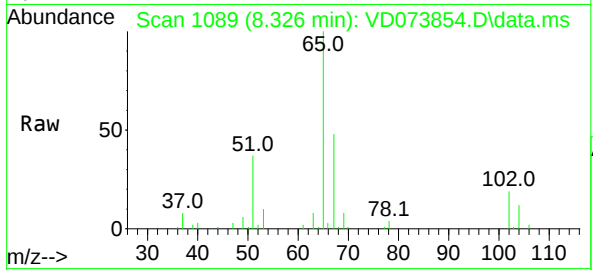
VIBLK

Tgt Ion: 65 Resp: 81274

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073854.D

Acq: 18 Jul 2022 17:39

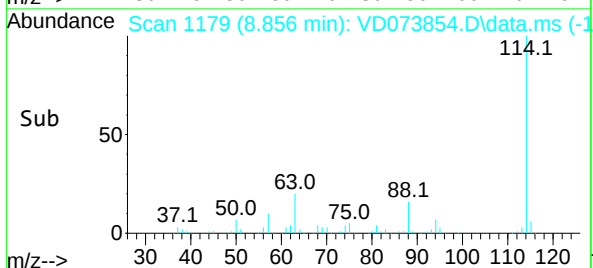
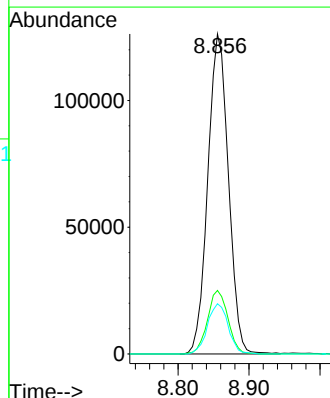
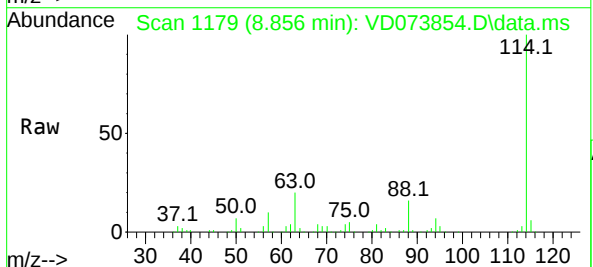
Tgt Ion: 114 Resp: 254552

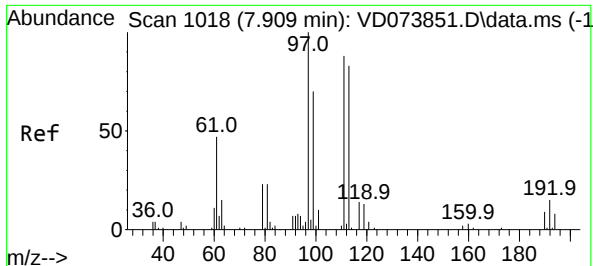
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.7 0.0 33.2

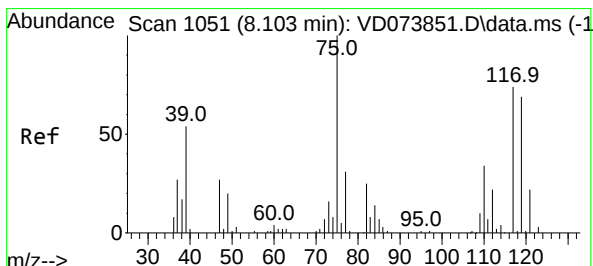
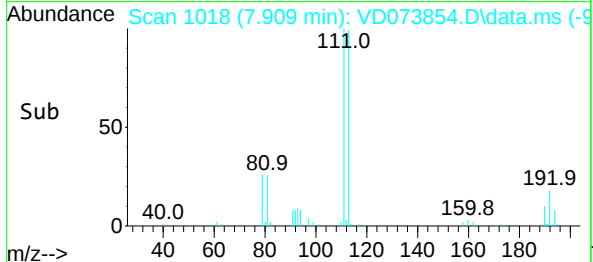
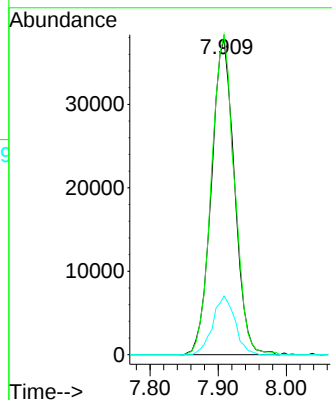
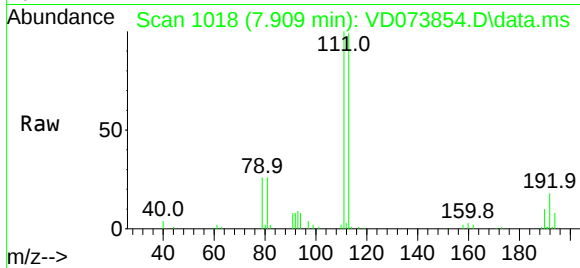




#35
Dibromofluoromethane
Concen: 49.552 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

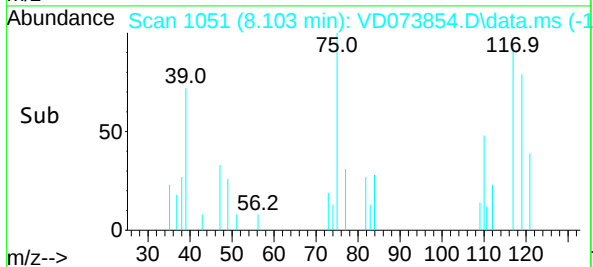
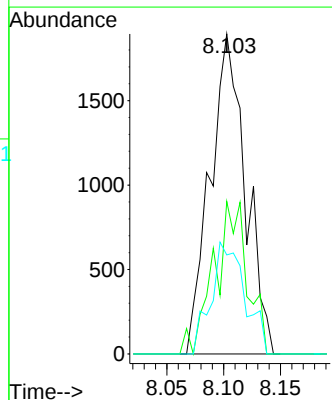
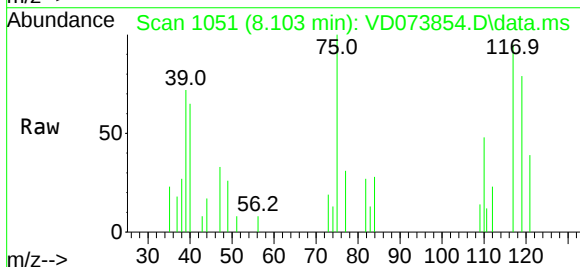
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

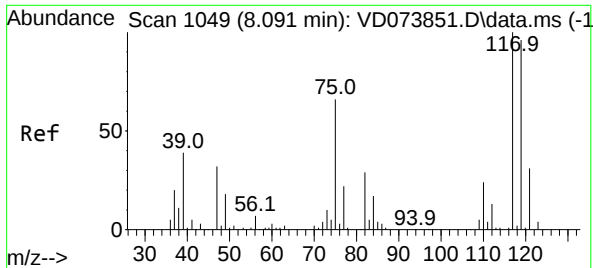
Tgt Ion:113 Resp: 88987
Ion Ratio Lower Upper
113 100
111 101.1 83.8 125.6
192 18.0 14.6 21.8



#36
1,1-Dichloropropene
Concen: 1.584 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 75 Resp: 4103
Ion Ratio Lower Upper
75 100
110 44.8 16.4 49.1
77 33.3 24.2 36.2

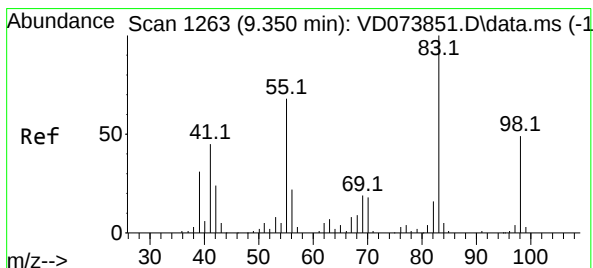
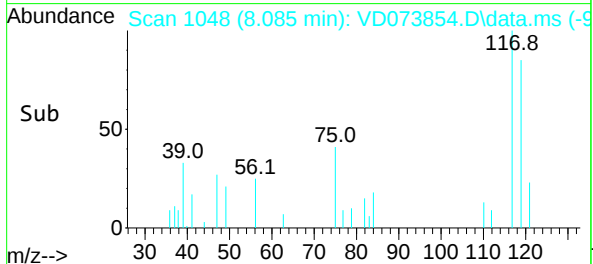
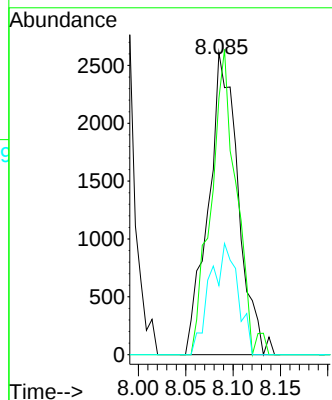
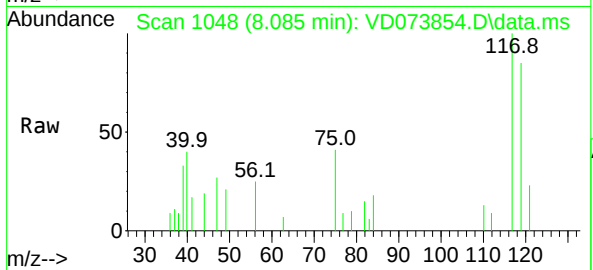




#38
Carbon Tetrachloride
Concen: 1.929 ug/l
RT: 8.085 min Scan# 1048
Delta R.T. -0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

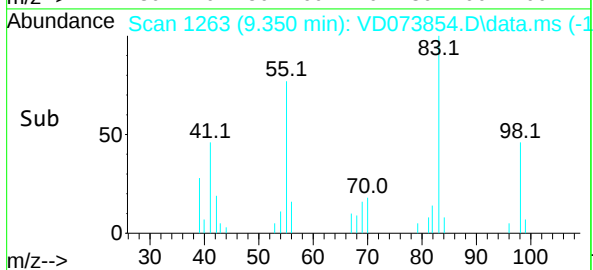
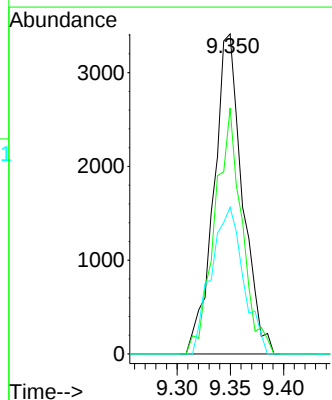
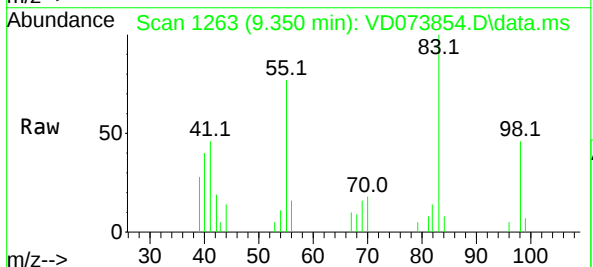
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

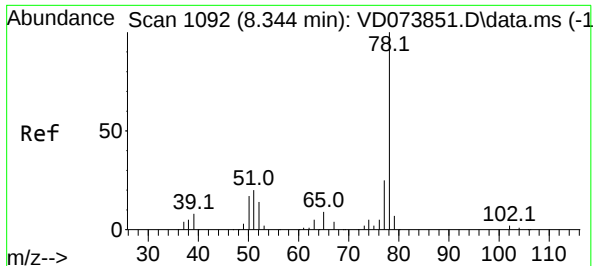
Tgt Ion:117 Resp: 5707
Ion Ratio Lower Upper
117 100
119 84.8 75.8 113.6
121 22.9 24.5 36.7#



#39
Methylcyclohexane
Concen: 2.112 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 83 Resp: 6378
Ion Ratio Lower Upper
83 100
55 76.9 63.2 94.8
98 45.8 38.2 57.4

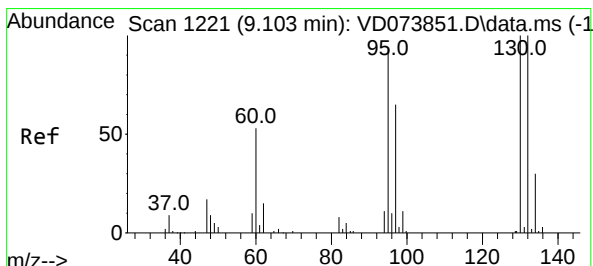
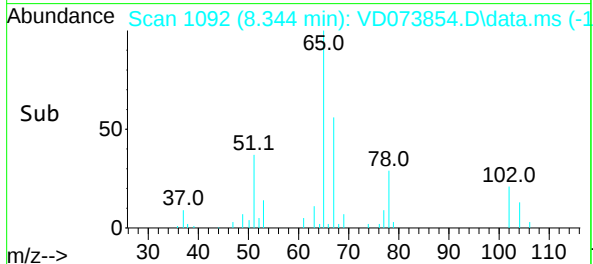
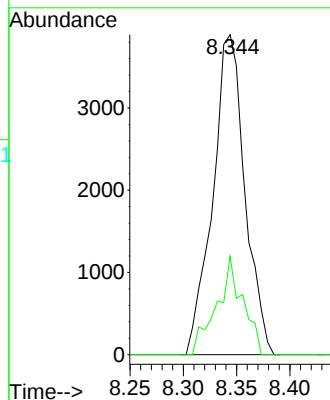
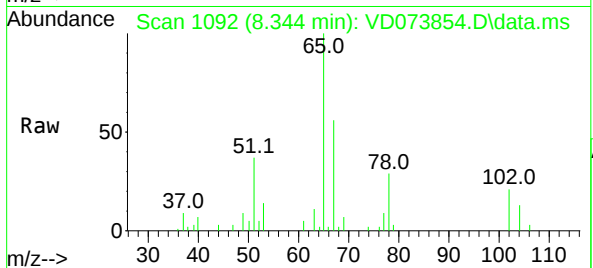




#40
Benzene
Concen: 1.157 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

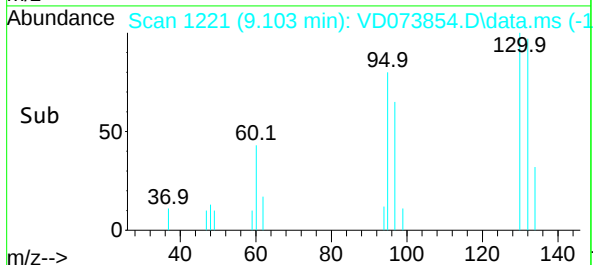
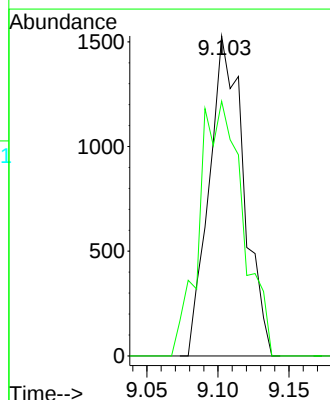
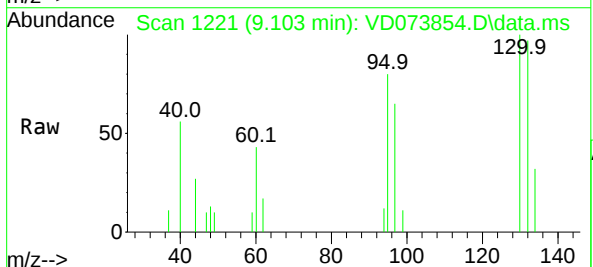
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

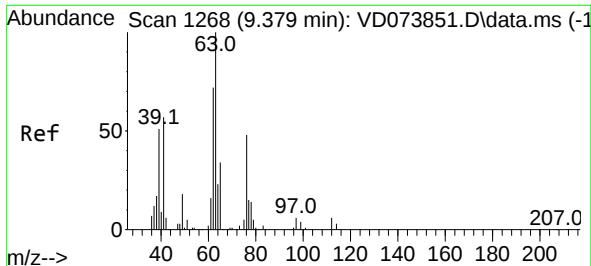
Tgt Ion: 78 Resp: 8154
Ion Ratio Lower Upper
78 100
77 30.7 19.1 28.7#



#44
Trichloroethene
Concen: 1.311 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion:130 Resp: 2579
Ion Ratio Lower Upper
130 100
95 79.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 1.041 ug/l

RT: 9.391 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD073854.D

Acq: 18 Jul 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

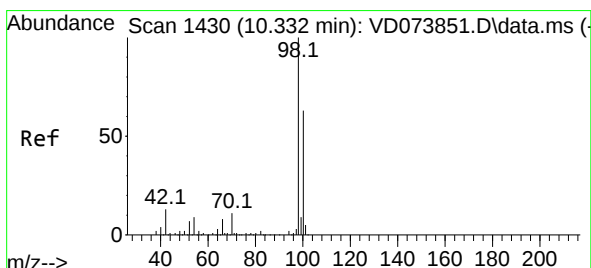
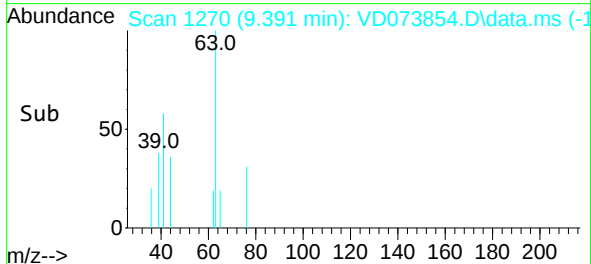
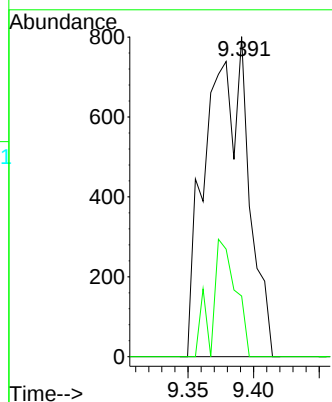
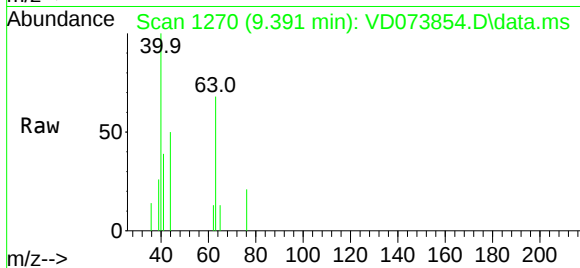
VIBLK

Tgt Ion: 63 Resp: 1773

Ion Ratio Lower Upper

63 100

65 19.0 26.2 39.4#



#50

Toluene-d8

Concen: 48.543 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073854.D

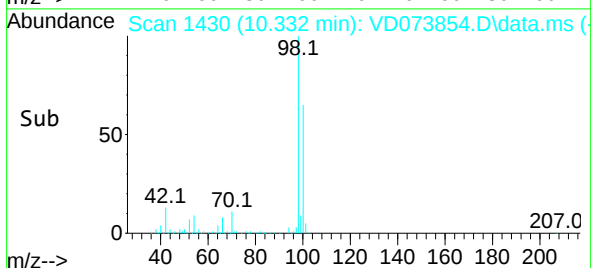
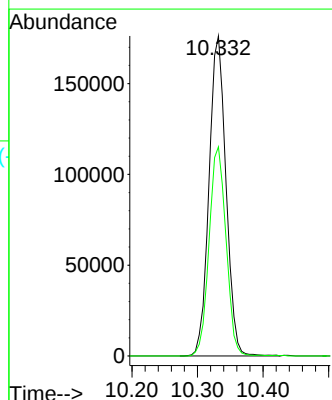
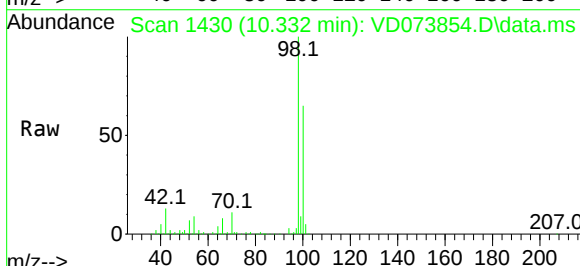
Acq: 18 Jul 2022 17:39

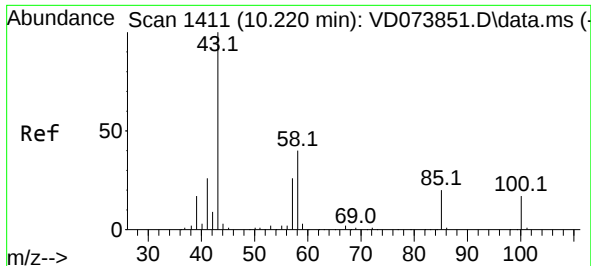
Tgt Ion: 98 Resp: 316464

Ion Ratio Lower Upper

98 100

100 65.4 52.4 78.6

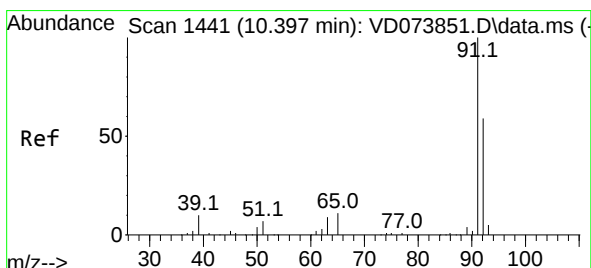
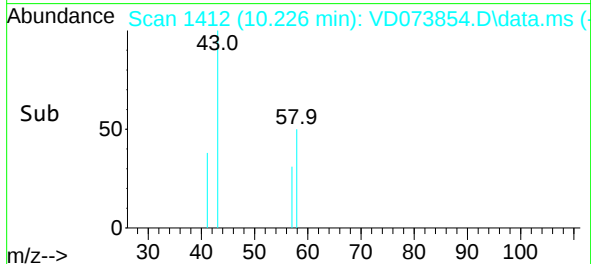
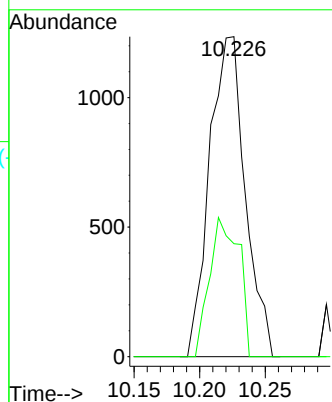
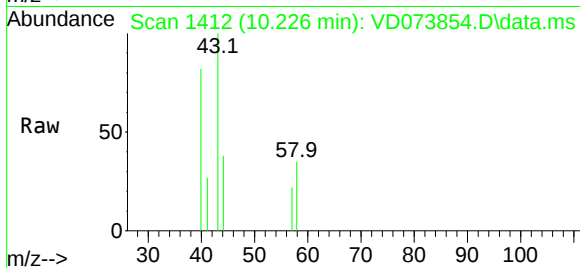




#51
4-Methyl-2-Pentanone
Concen: 2.510 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

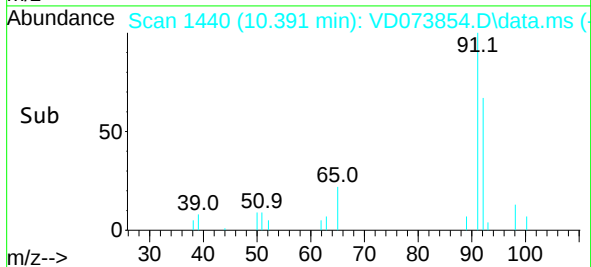
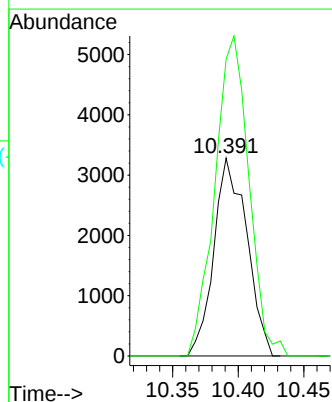
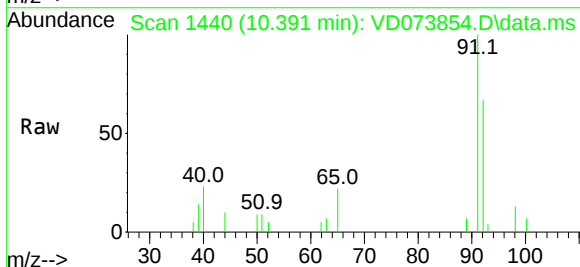
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

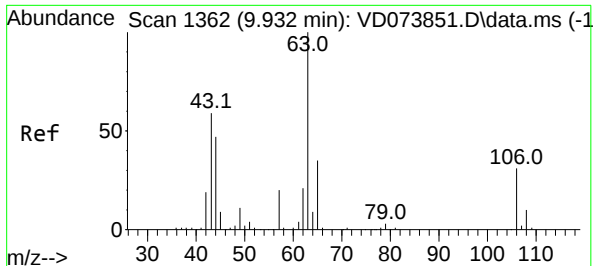
Tgt Ion: 43 Resp: 2336
Ion Ratio Lower Upper
43 100
58 36.0 28.6 43.0



#52
Toluene
Concen: 1.207 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 92 Resp: 5725
Ion Ratio Lower Upper
92 100
91 167.0 139.6 209.4

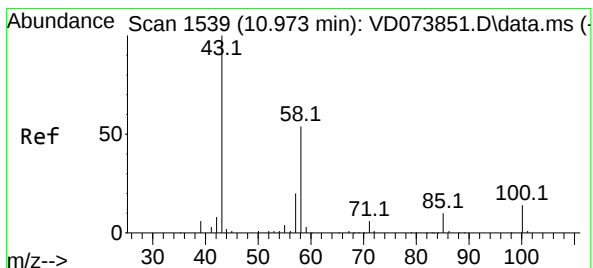
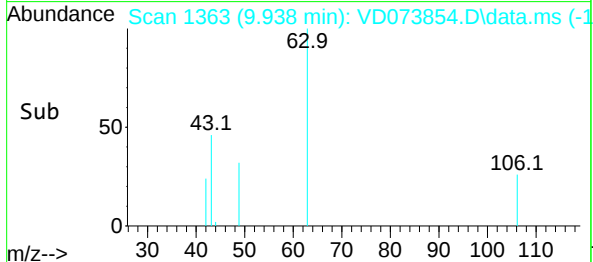
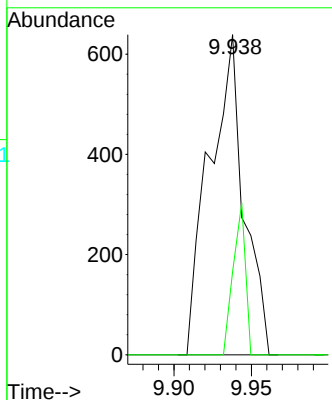
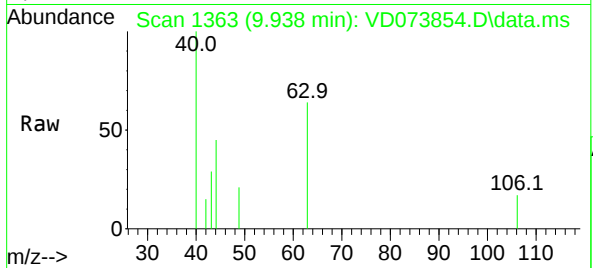




#58
2-Chloroethyl Vinyl ether
Concen: 1.217 ug/l
RT: 9.938 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

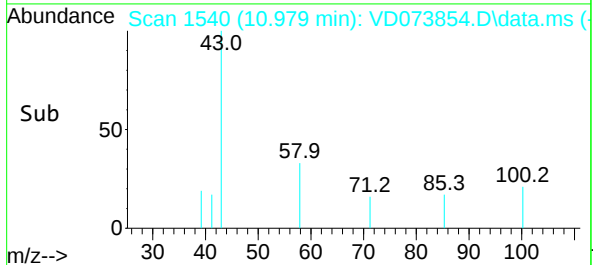
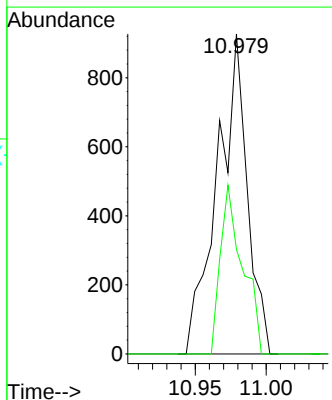
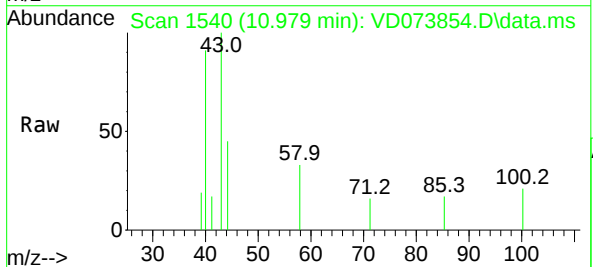
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

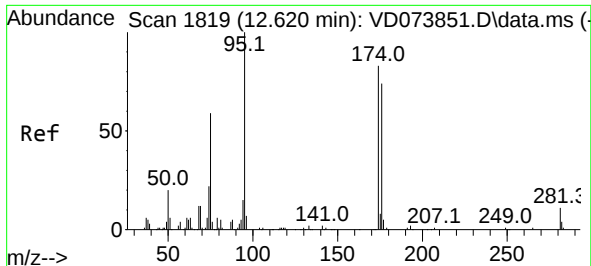
Tgt Ion: 63 Resp: 990
Ion Ratio Lower Upper
63 100
106 16.8 21.4 32.0#



#59
2-Hexanone
Concen: 2.134 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 43 Resp: 1357
Ion Ratio Lower Upper
43 100
58 39.2 25.3 75.9

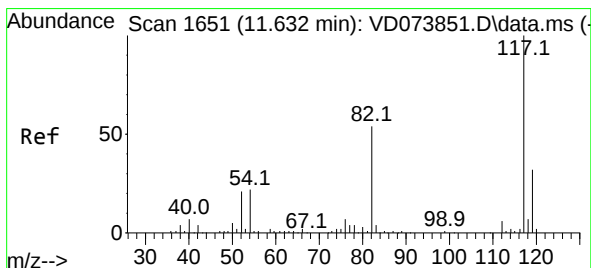
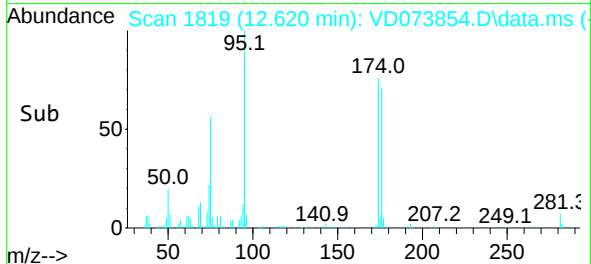
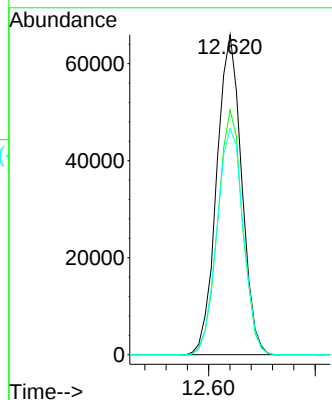
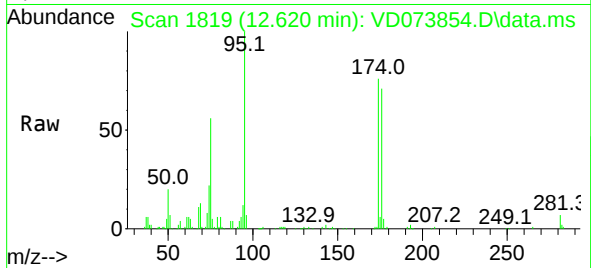




#62
4-Bromofluorobenzene
Concen: 47.734 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

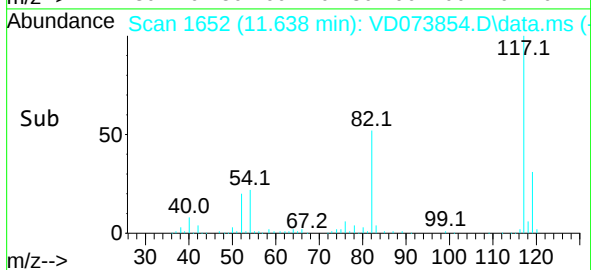
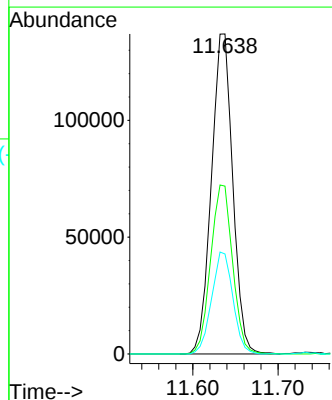
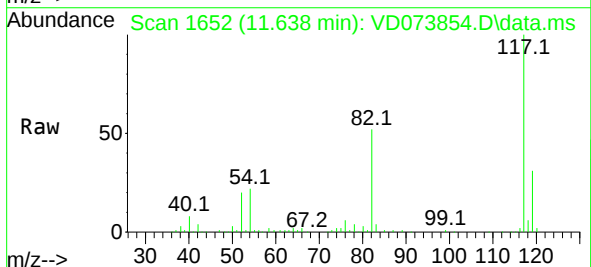
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

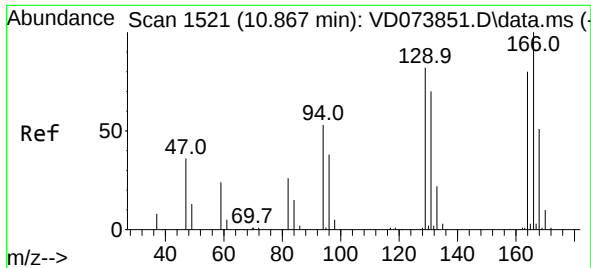
Tgt Ion: 95 Resp: 106993
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 74.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 117 Resp: 238931
Ion Ratio Lower Upper
117 100
82 52.4 45.3 67.9
119 31.3 26.6 40.0

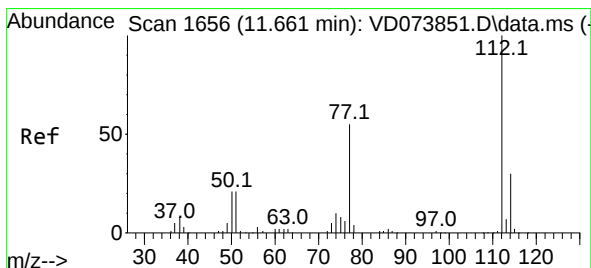
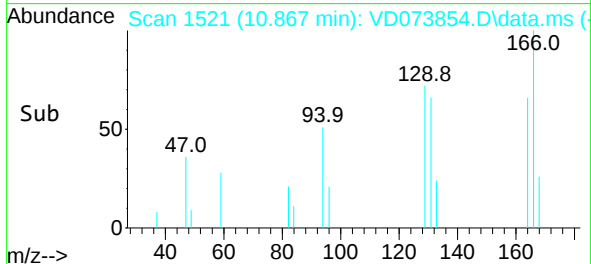
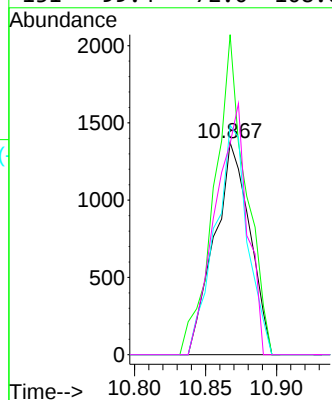
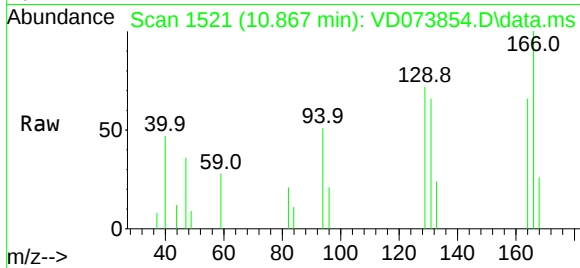




#64
Tetrachloroethene
Concen: 1.492 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

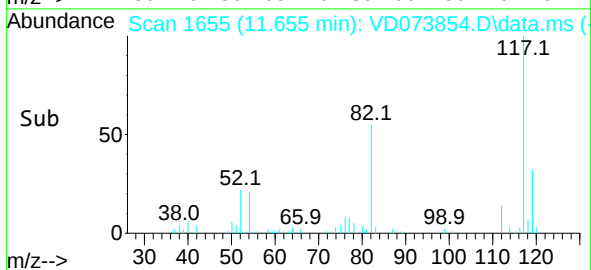
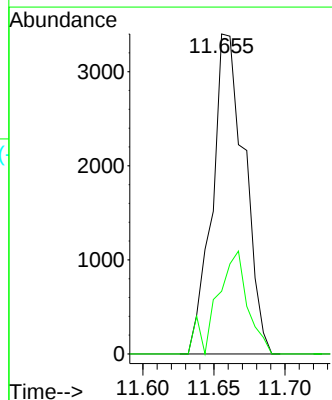
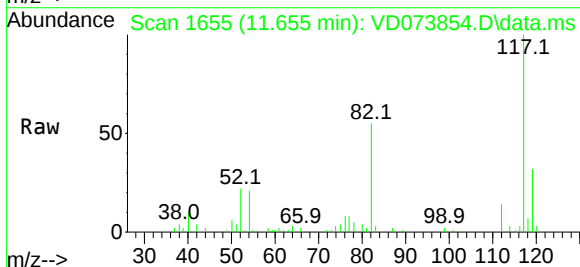
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

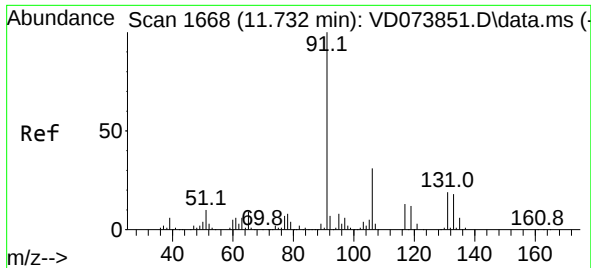
Tgt Ion:164 Resp: 2377
Ion Ratio Lower Upper
164 100
166 150.8 98.5 147.7#
129 108.2 74.6 111.8
131 99.4 72.0 108.0



#65
Chlorobenzene
Concen: 1.093 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion:112 Resp: 5379
Ion Ratio Lower Upper
112 100
114 19.6 25.8 38.6#

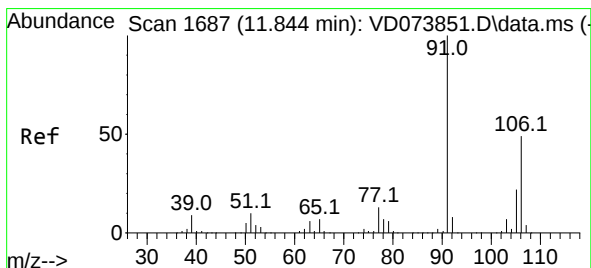
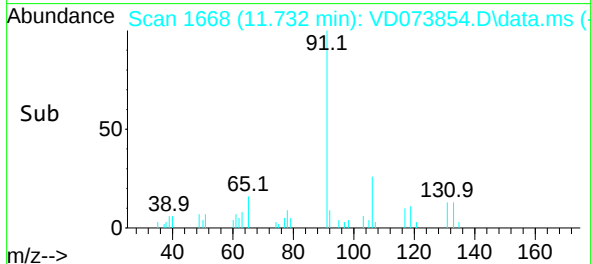
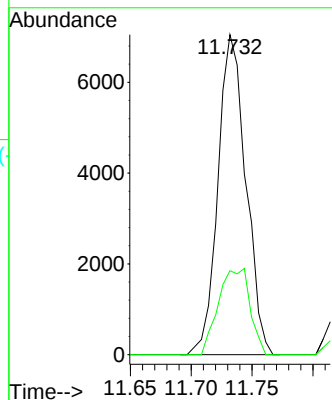
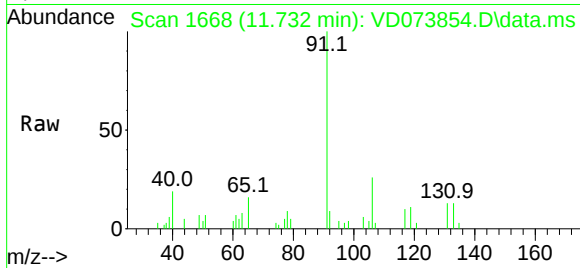




#67
Ethyl Benzene
Concen: 1.236 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

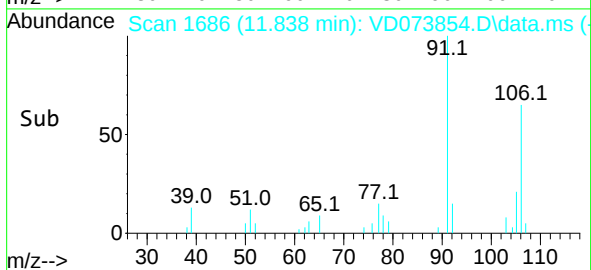
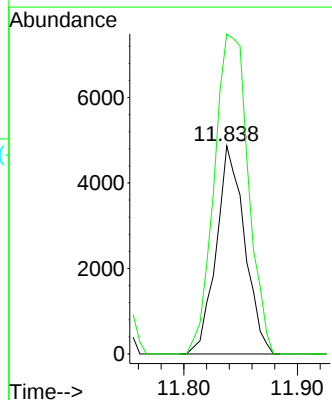
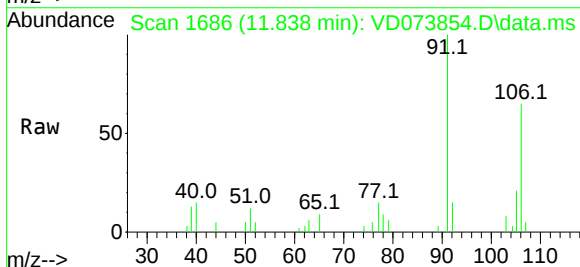
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

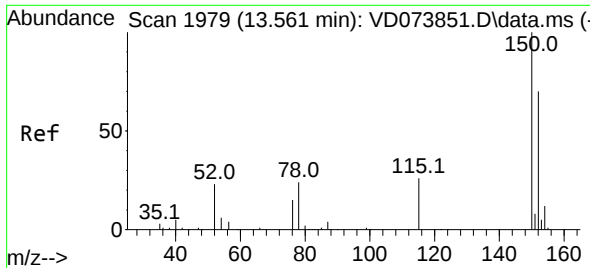
Tgt Ion: 91 Resp: 11231
Ion Ratio Lower Upper
91 100
106 26.3 24.2 36.4



#68
m/p-Xylenes
Concen: 2.380 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion:106 Resp: 8452
Ion Ratio Lower Upper
106 100
91 184.5 163.7 245.5

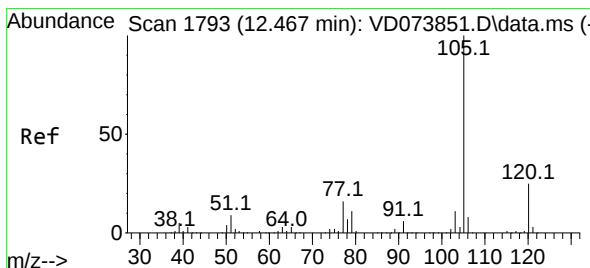
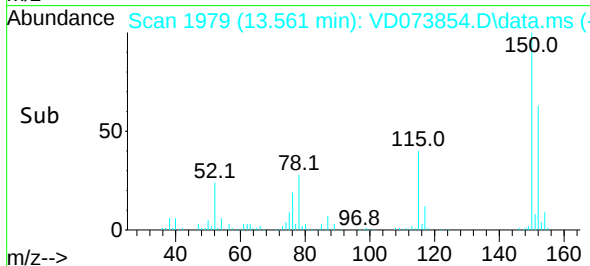
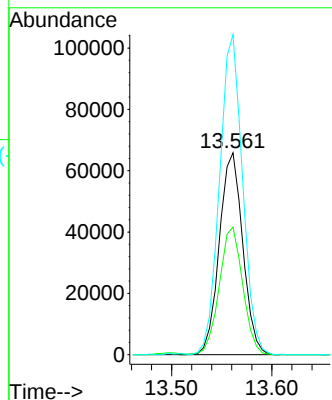
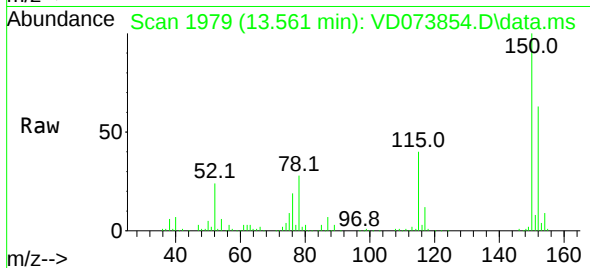




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073854.D
 Acq: 18 Jul 2022 17:39

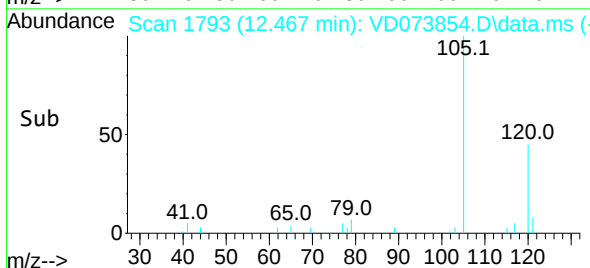
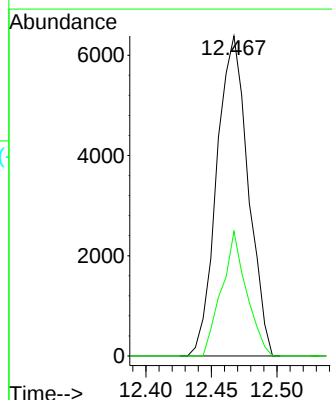
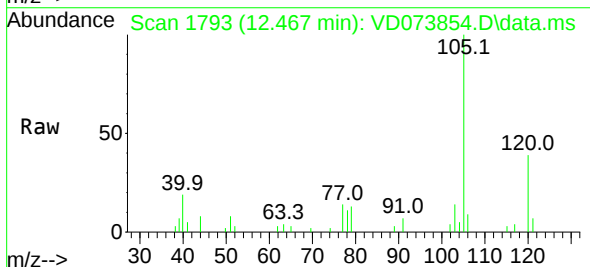
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

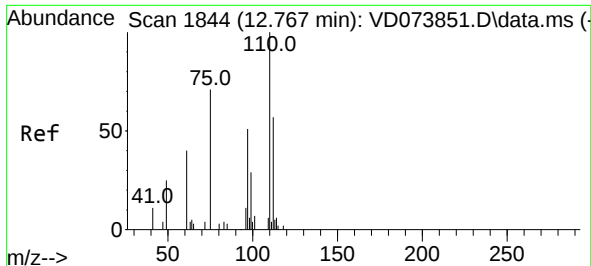
Tgt Ion:152 Resp: 106732
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.3 93.8
 150 155.6 0.0 348.6



#73
 Isopropylbenzene
 Concen: 1.315 ug/l
 RT: 12.467 min Scan# 1793
 Delta R.T. 0.000 min
 Lab File: VD073854.D
 Acq: 18 Jul 2022 17:39

Tgt Ion:105 Resp: 10628
 Ion Ratio Lower Upper
 105 100
 120 30.8 13.0 38.9

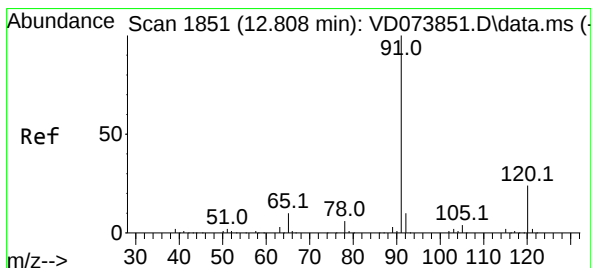
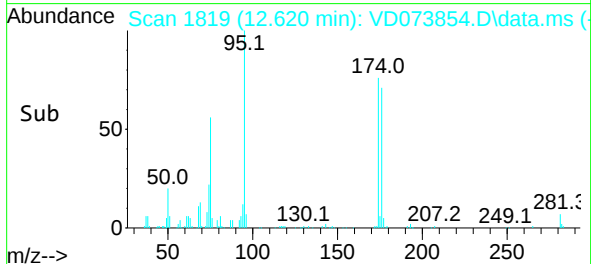
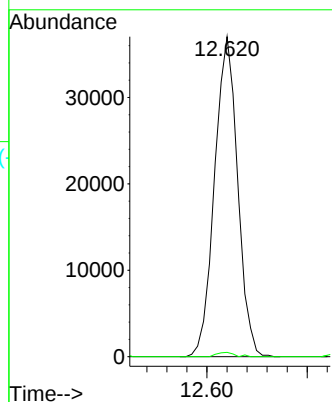
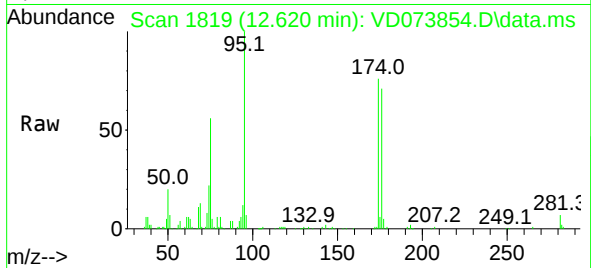




#76
1,2,3-Trichloropropane
Concen: 51.681 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

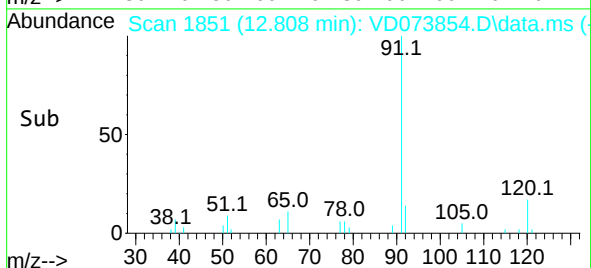
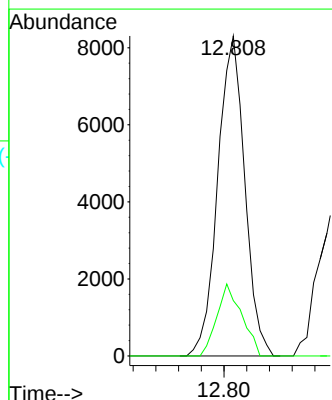
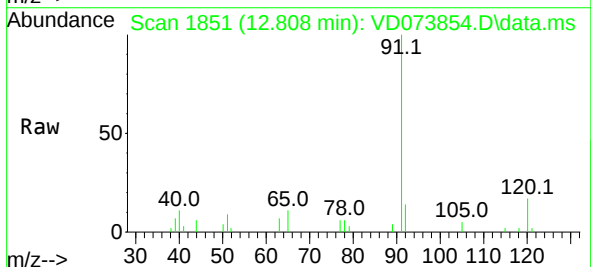
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

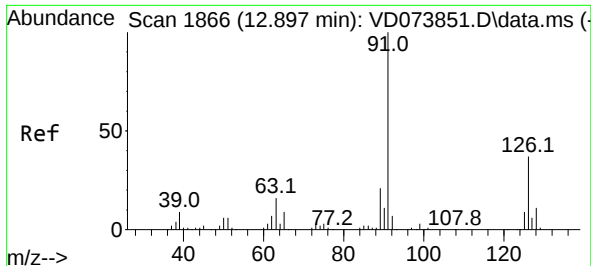
Tgt Ion: 75 Resp: 59185
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#78
n-propylbenzene
Concen: 1.389 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 91 Resp: 13701
Ion Ratio Lower Upper
91 100
120 20.7 10.9 32.9

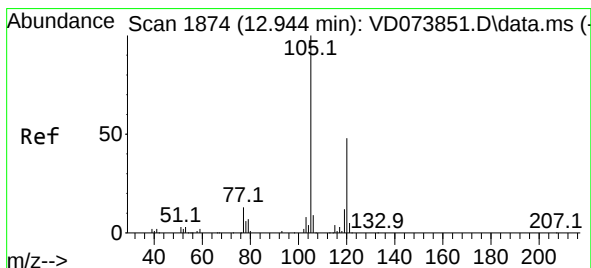
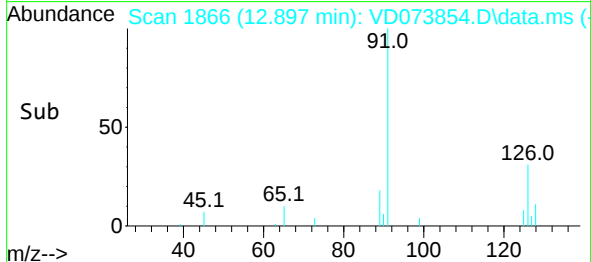
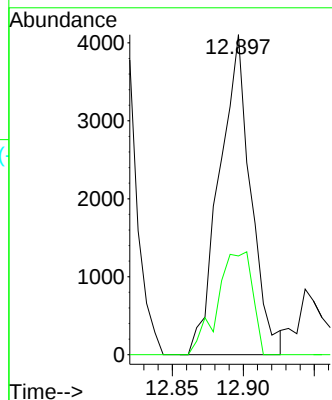
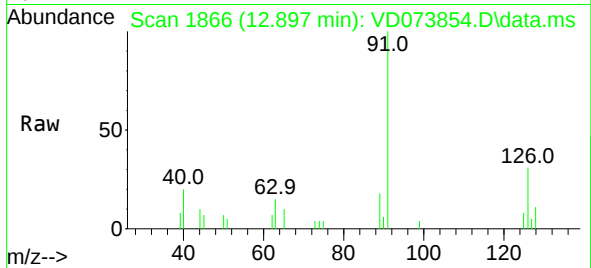




#79
2-Chlorotoluene
Concen: 1.142 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

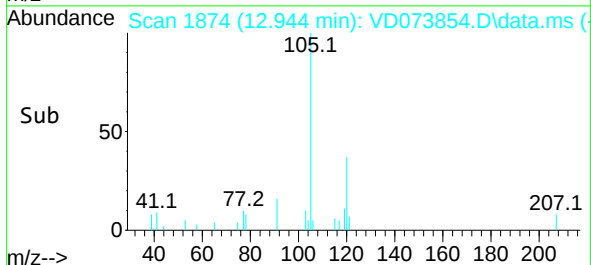
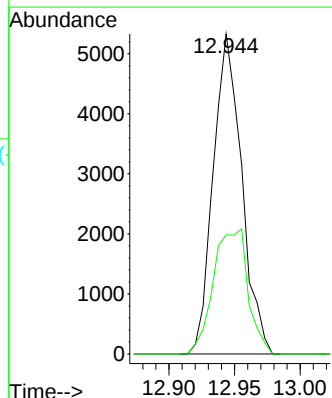
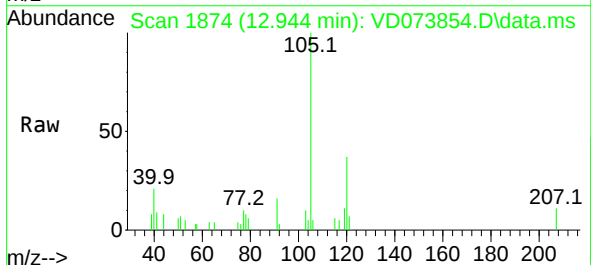
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

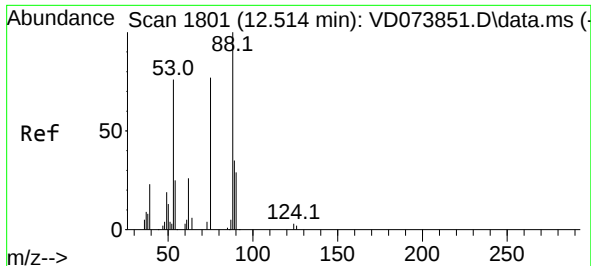
Tgt Ion: 91 Resp: 6319
Ion Ratio Lower Upper
91 100
126 35.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 1.180 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 105 Resp: 8041
Ion Ratio Lower Upper
105 100
120 47.4 24.3 72.8

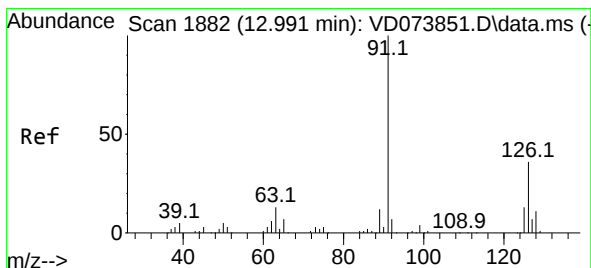
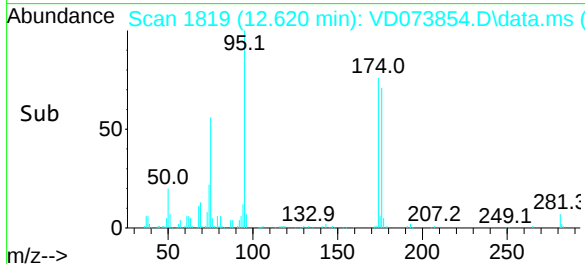
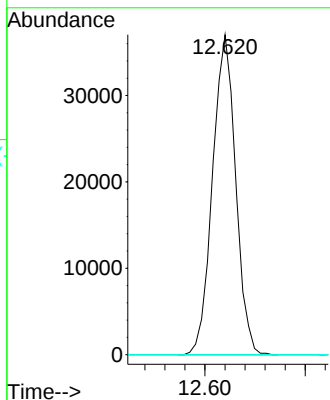
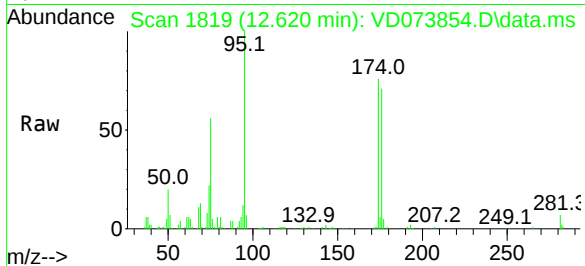




#81
trans-1,4-Dichloro-2-butene
Concen: 139.459 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

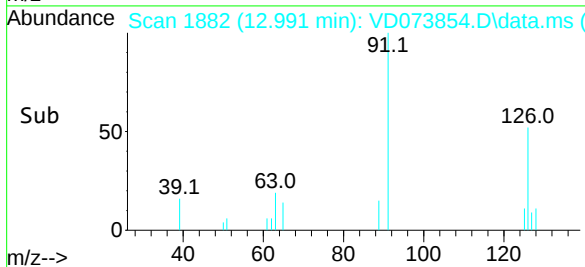
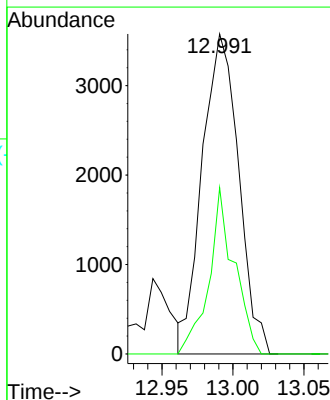
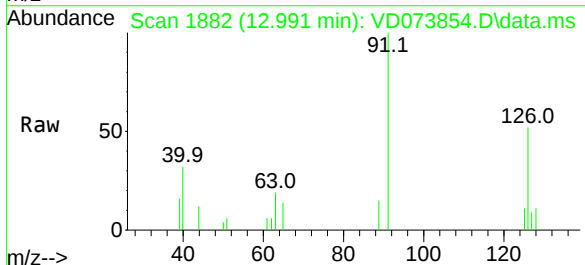
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

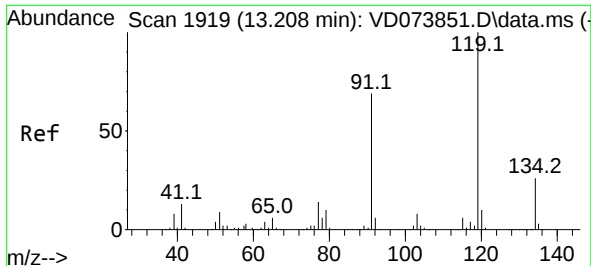
Tgt Ion: 75 Resp: 59185
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#82
4-Chlorotoluene
Concen: 1.086 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion: 91 Resp: 6356
Ion Ratio Lower Upper
91 100
126 36.1 16.5 49.5

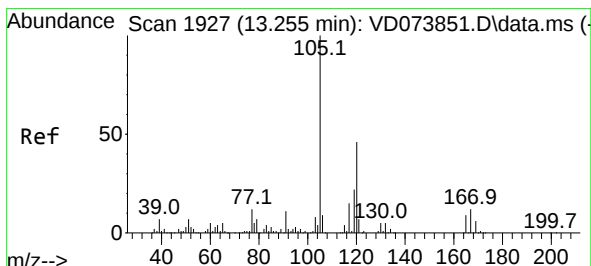
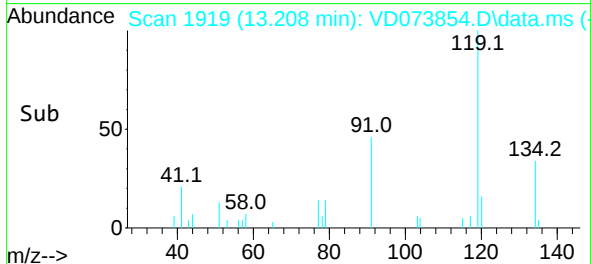
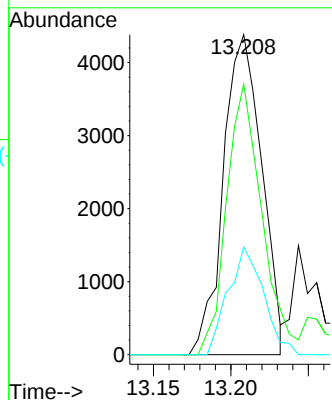
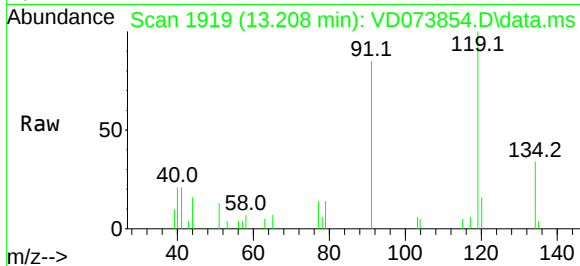




#83
tert-Butylbenzene
Concen: 1.299 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

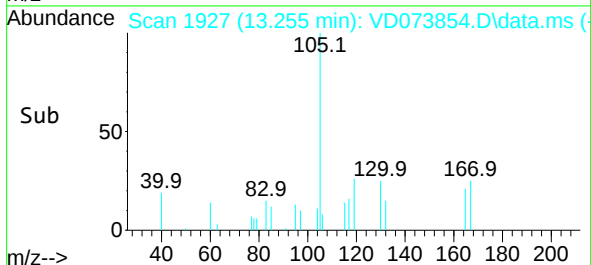
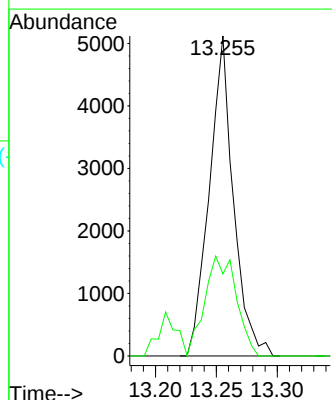
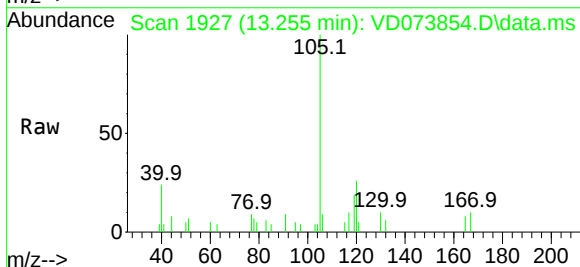
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

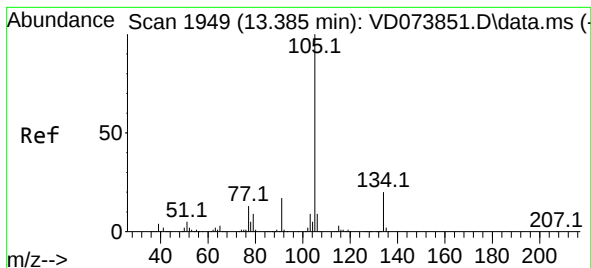
Tgt Ion:	119	Resp:	7569
Ion	Ratio	Lower	Upper
119	100		
91	77.5	34.8	104.5
134	31.0	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 1.039 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion:	105	Resp:	7052
Ion	Ratio	Lower	Upper
105	100		
120	40.7	22.3	66.8





#85

sec-Butylbenzene

Concen: 1.521 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD073854.D

Acq: 18 Jul 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

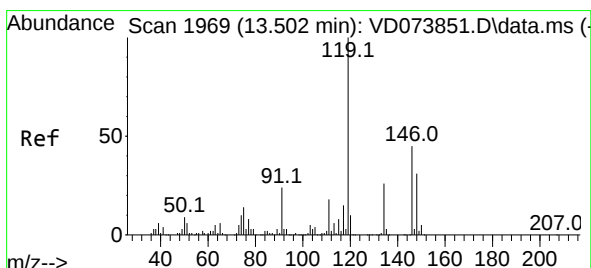
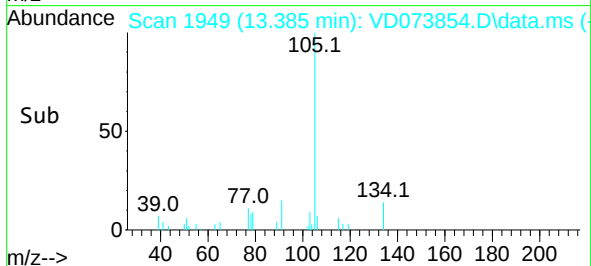
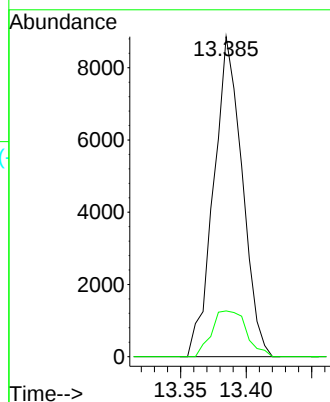
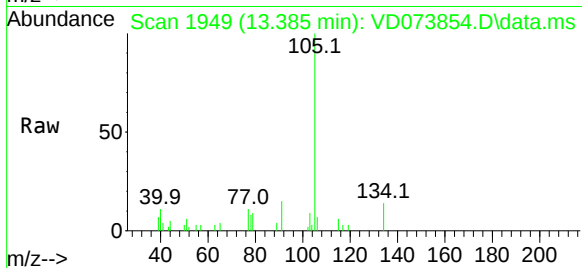
VIBLK

Tgt Ion:105 Resp: 13367

Ion Ratio Lower Upper

105 100

134 17.4 9.8 29.3



#86

p-Isopropyltoluene

Concen: 1.273 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD073854.D

Acq: 18 Jul 2022 17:39

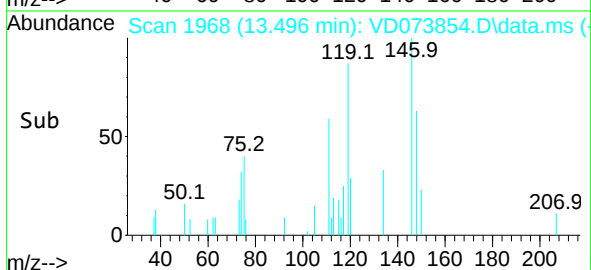
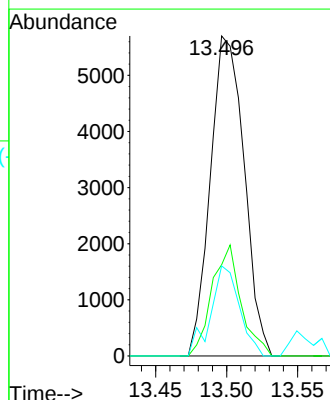
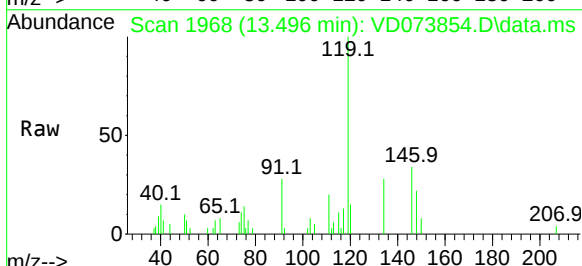
Tgt Ion:119 Resp: 9418

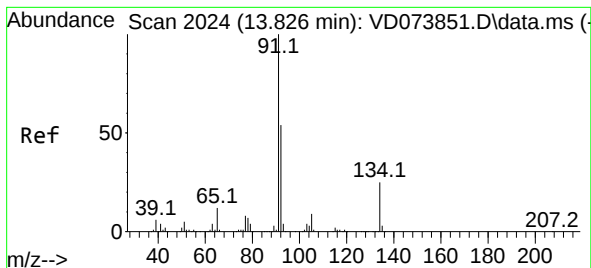
Ion Ratio Lower Upper

119 100

134 29.8 12.9 38.6

91 23.9 12.1 36.3





#89

n-Butylbenzene

Concen: 1.360 ug/l

RT: 13.826 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD073854.D

Acq: 18 Jul 2022 17:39

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

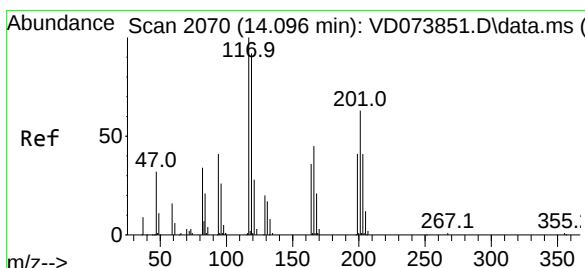
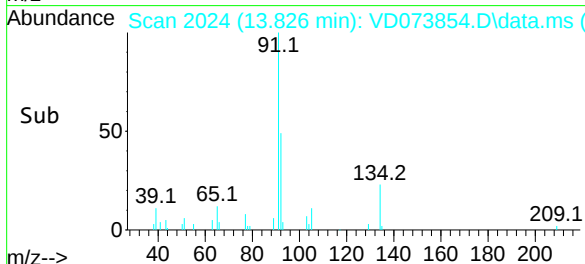
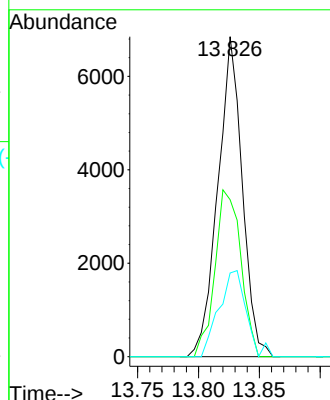
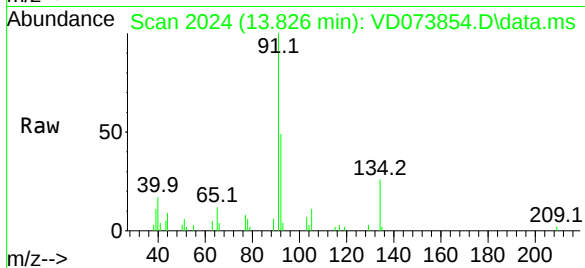
Tgt Ion: 91 Resp: 9555

Ion Ratio Lower Upper

91 100

92 55.2 26.6 79.8

134 30.0 12.3 36.9



#90

Hexachloroethane

Concen: 1.257 ug/l

RT: 14.091 min Scan# 2069

Delta R.T. -0.006 min

Lab File: VD073854.D

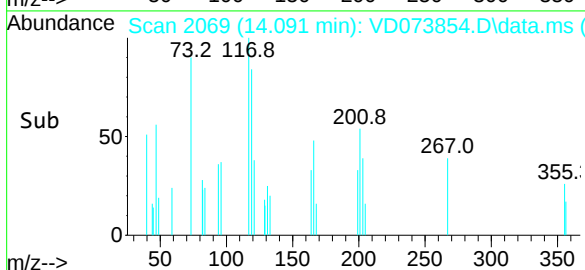
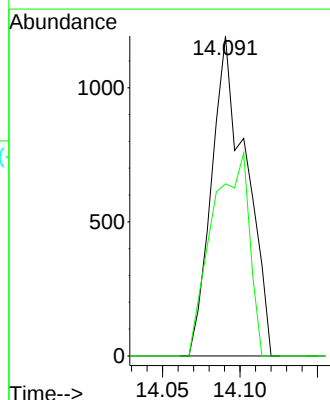
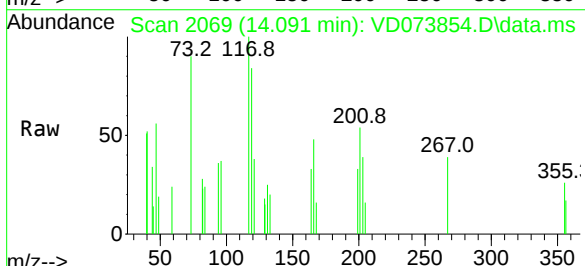
Acq: 18 Jul 2022 17:39

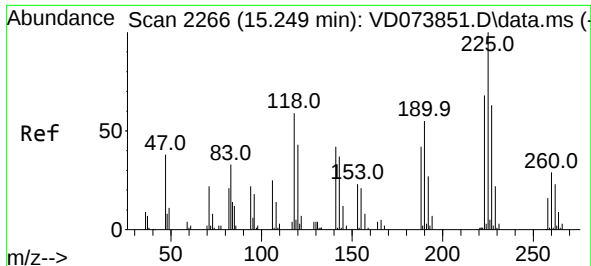
Tgt Ion: 117 Resp: 1837

Ion Ratio Lower Upper

117 100

201 68.2 33.4 100.2

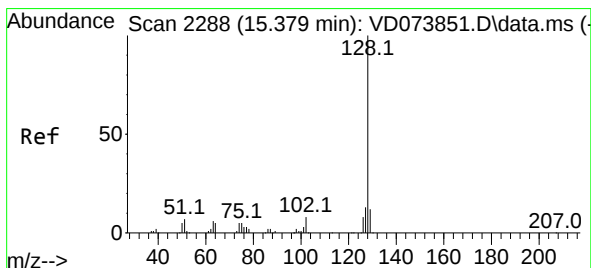
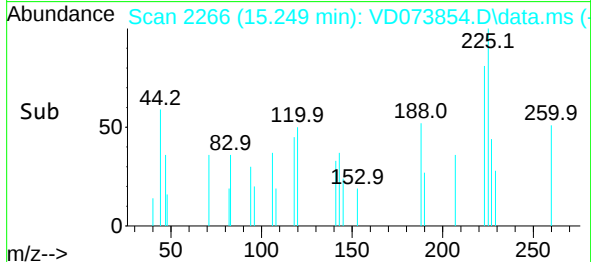
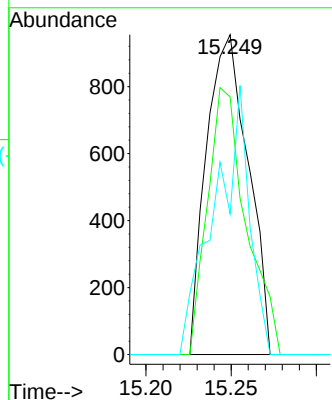
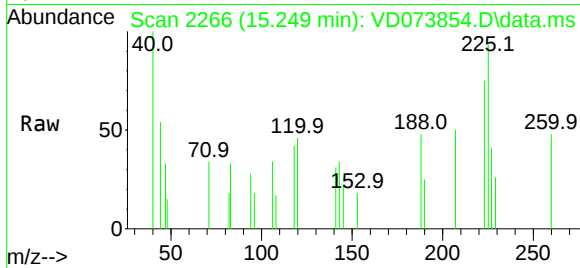




#94
Hexachlorobutadiene
Concen: 1.547 ug/l
RT: 15.249 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:	225	Resp:	1627
Ion	Ratio	Lower	Upper
225	100		
223	77.4	31.1	93.2
227	69.5	32.4	97.0



#95
Naphthalene
Concen: 1.005 ug/l
RT: 15.373 min Scan# 2287
Delta R.T. -0.006 min
Lab File: VD073854.D
Acq: 18 Jul 2022 17:39

Tgt Ion:	128	Resp:	3584
Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.3	15.5
129	7.6	8.4	12.6

