

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073931.D
 Acq On : 02 Aug 2022 17:27
 Operator : VA/SY
 Sample : N3976-01RE
 Misc : 5.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-0729RE

Quant Time: Aug 03 04:14:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

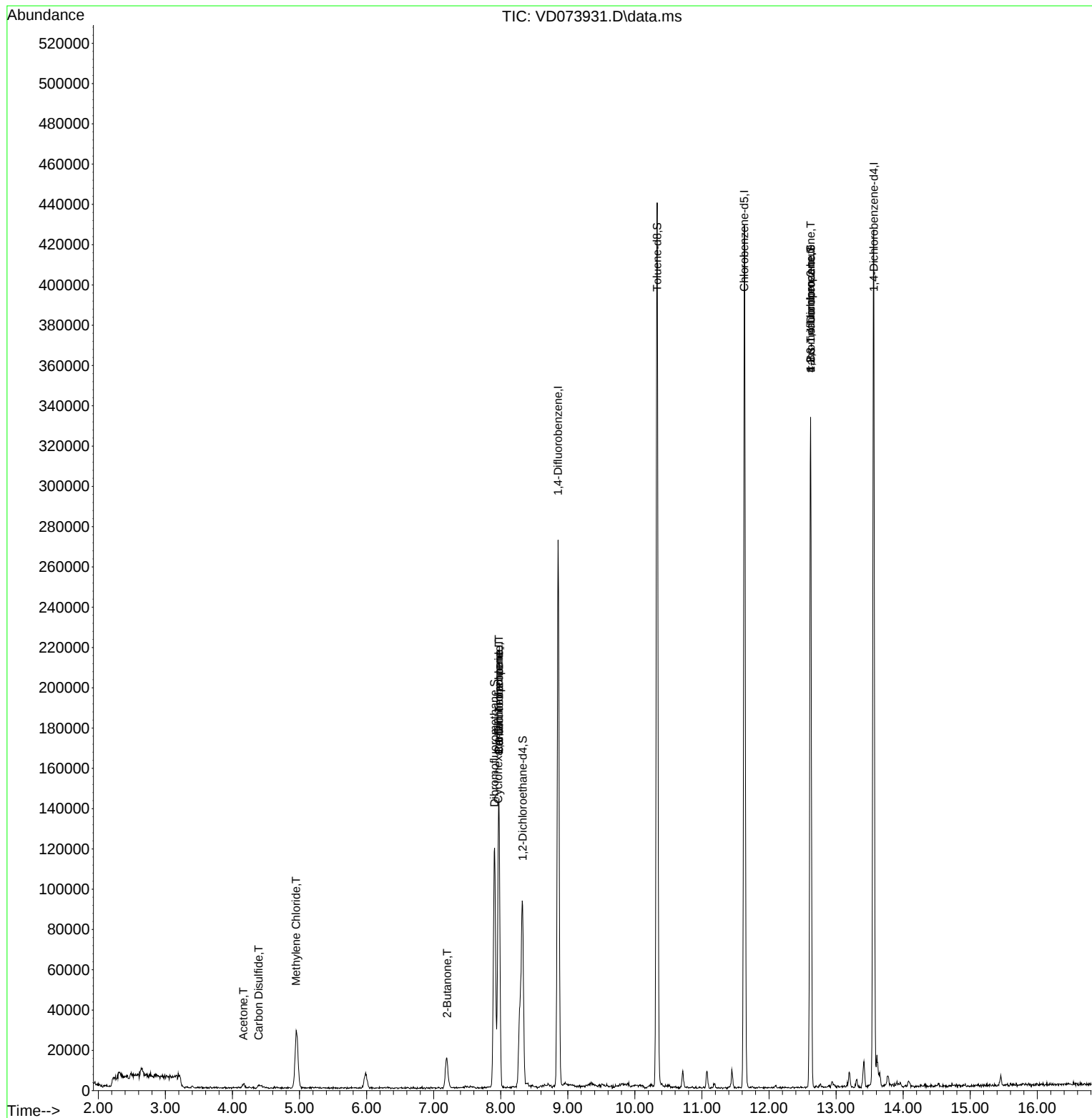
Internal Standards						
1) Pentafluorobenzene	7.973	168	103293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	226925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	237126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	109869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	70170	85.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.760%#	
35) Dibromofluoromethane	7.903	113	83151	58.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.960%	
50) Toluene-d8	10.332	98	293735	61.848	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.700%	
62) 4-Bromofluorobenzene	12.620	95	103812	59.440	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 118.880%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	534	Below Cal	#	43
11) Tert butyl alcohol	5.214	59	65	Below Cal	#	75
16) Acetone	4.162	43	3514	25.341	ug/l	100
17) Carbon Disulfide	4.391	76	3081	2.827	ug/l #	75
18) Methyl Acetate	4.709	43	67	Below Cal	#	48
20) Methylene Chloride	4.950	84	22506	8.220	ug/l	98
25) 2-Butanone	7.203	43	1359	5.391	ug/l #	46
31) Cyclohexane	7.961	56	2699	1.687	ug/l #	44
36) 1,1-Dichloropropene	7.973	75	8920	4.442	ug/l #	50
38) Carbon Tetrachloride	7.973	117	11245	4.999	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	56317	69.114	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	56317	147.058	ug/l #	13

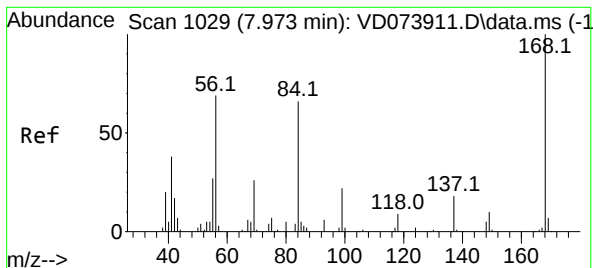
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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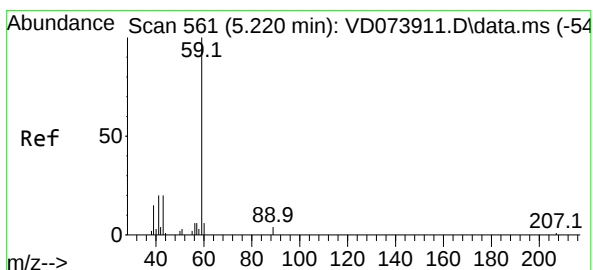
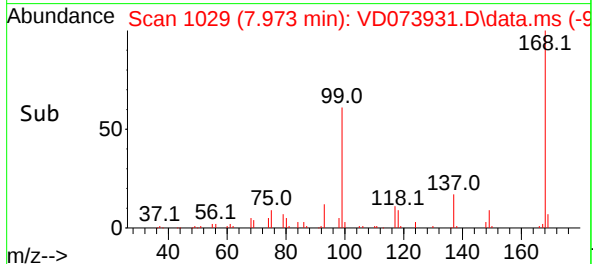
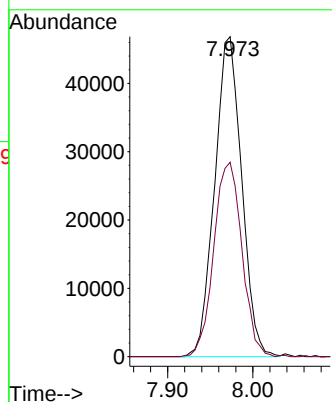
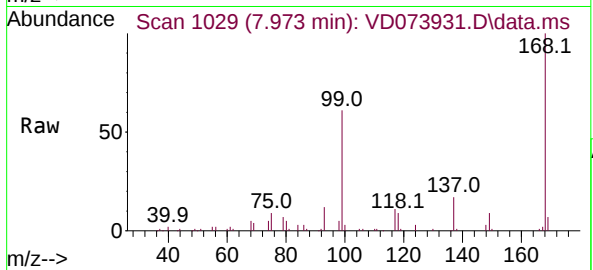




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

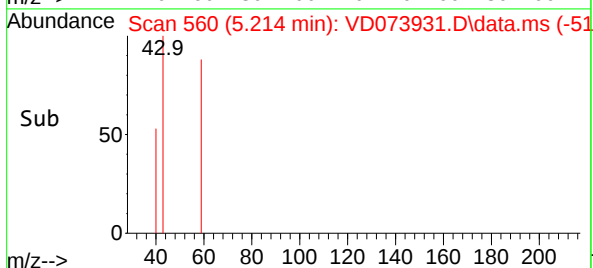
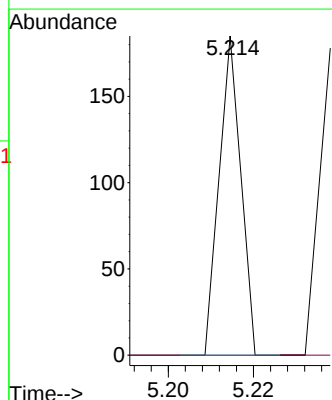
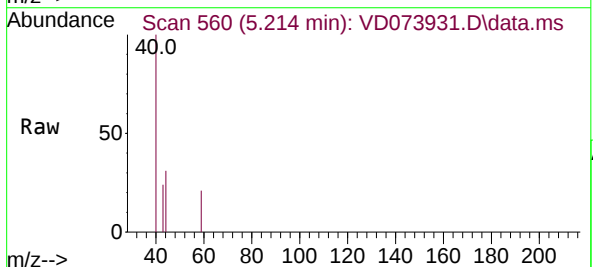
Instrument :
MSVOA_D
ClientSampleId :
TP1-0729RE

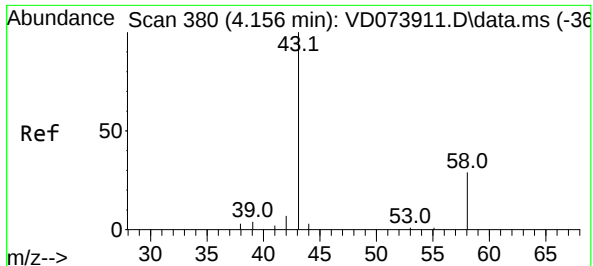
Tgt Ion:168 Resp: 103293
Ion Ratio Lower Upper
168 100
99 60.7 52.2 78.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

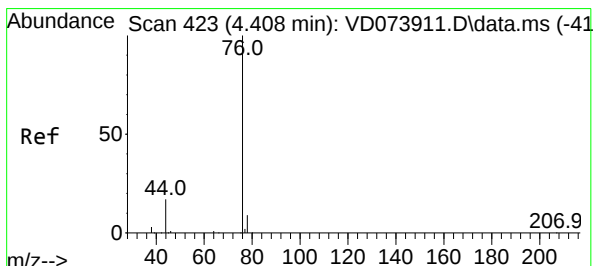
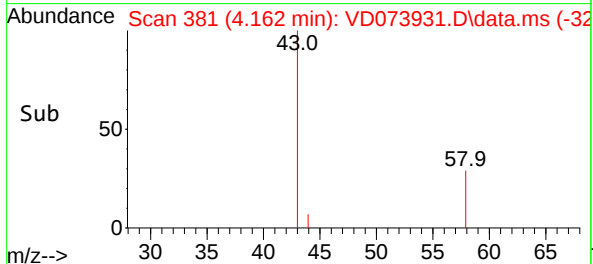
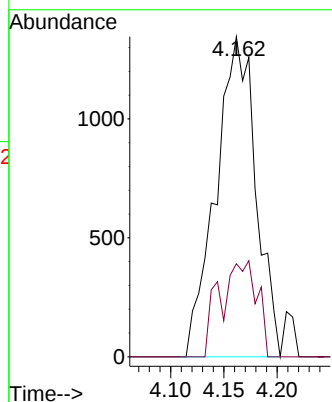
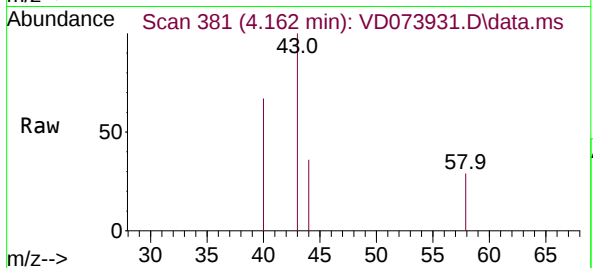




#16
Acetone
Concen: 25.341 ug/l
RT: 4.162 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

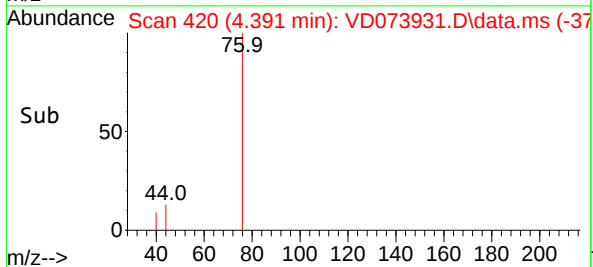
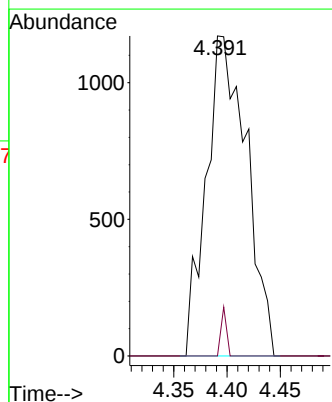
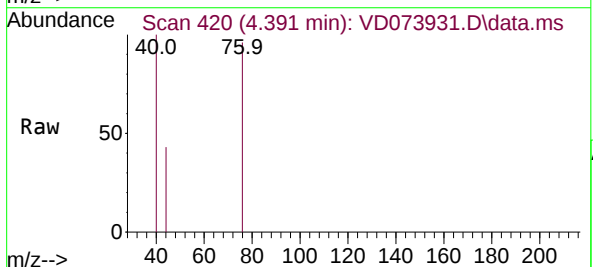
Instrument :
MSVOA_D
ClientSampleId :
TP1-0729RE

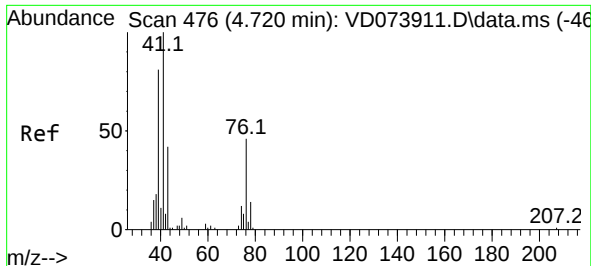
Tgt Ion: 43 Resp: 3514
Ion Ratio Lower Upper
43 100
58 29.0 23.0 34.6



#17
Carbon Disulfide
Concen: 2.827 ug/l
RT: 4.391 min Scan# 420
Delta R.T. -0.017 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

Tgt Ion: 76 Resp: 3081
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

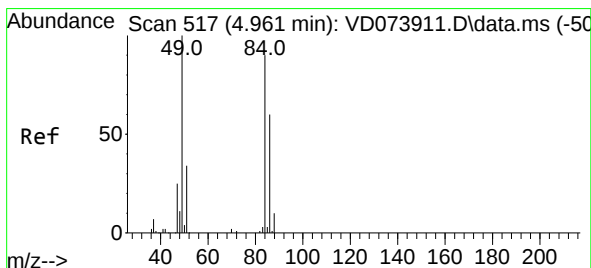
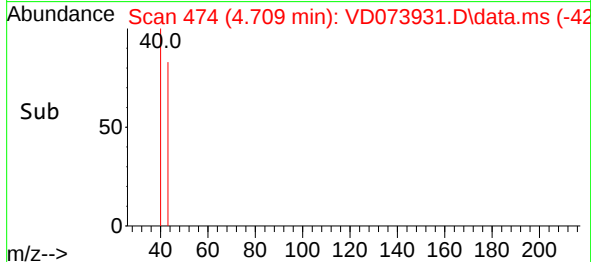
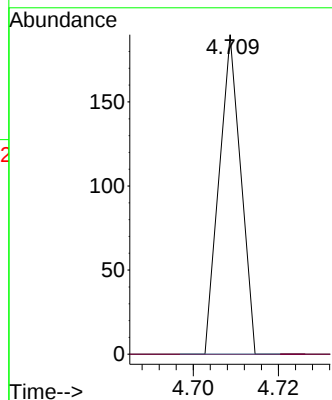
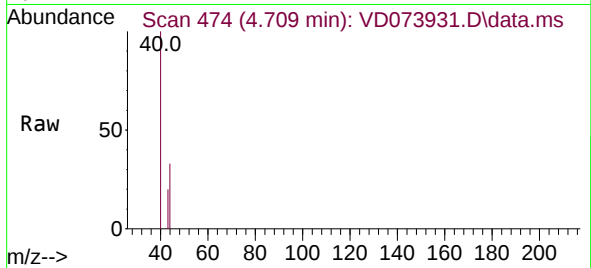




#18
Methyl Acetate
Concen: Below Cal
RT: 4.709 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

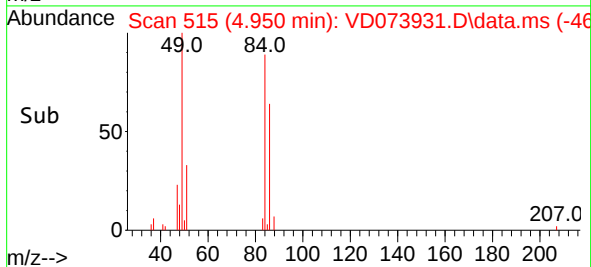
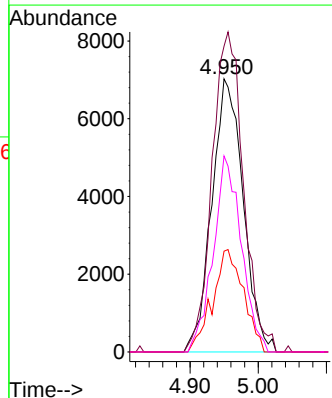
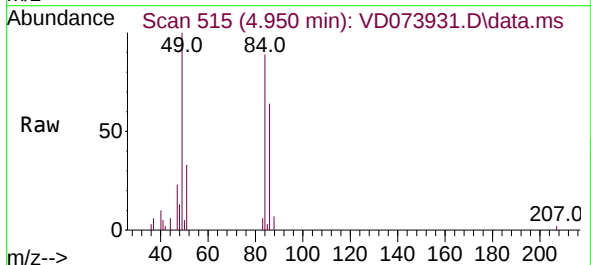
Instrument :
MSVOA_D
ClientSampleId :
TP1-0729RE

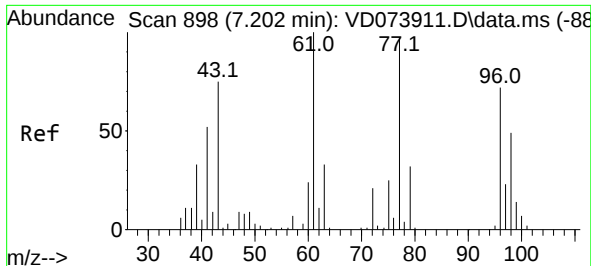
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: 8.220 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.011 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

Tgt Ion: 84 Resp: 22506
Ion Ratio Lower Upper
84 100
49 112.0 89.1 133.7
51 36.9 29.8 44.8
86 71.8 53.4 80.0





#25

2-Butanone

Concen: 5.391 ug/l

RT: 7.203 min Scan# 89

Delta R.T. 0.000 min

Lab File: VD073931.D

Acq: 02 Aug 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

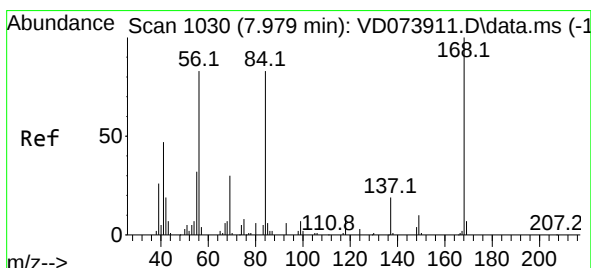
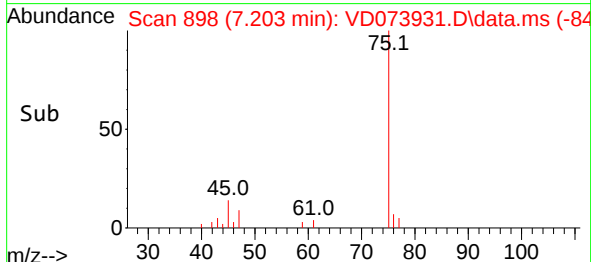
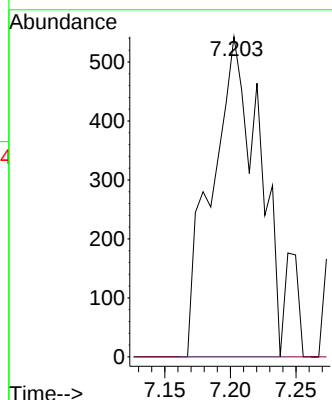
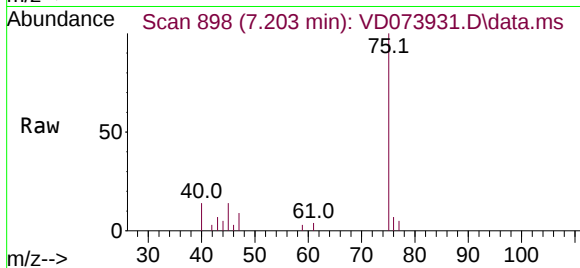
TP1-0729RE

Tgt Ion: 43 Resp: 1359

Ion Ratio Lower Upper

43 100

72 0.0 22.7 34.1#



#31

Cyclohexane

Concen: 1.687 ug/l

RT: 7.961 min Scan# 1027

Delta R.T. -0.017 min

Lab File: VD073931.D

Acq: 02 Aug 2022 17:27

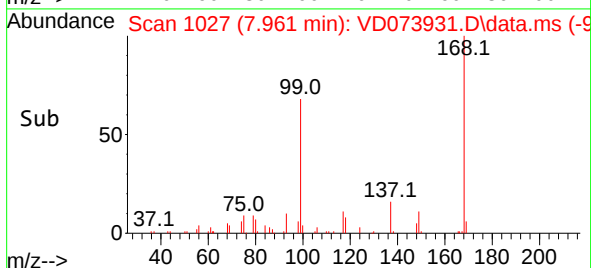
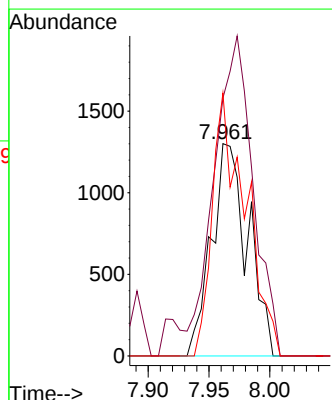
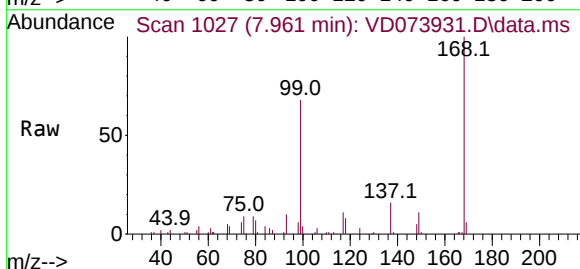
Tgt Ion: 56 Resp: 2699

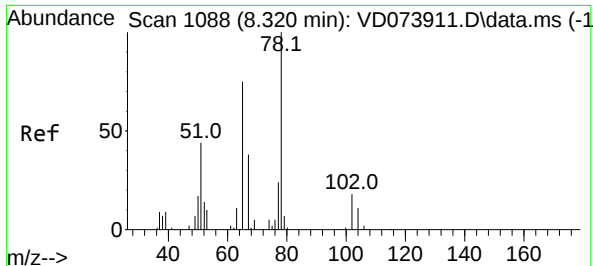
Ion Ratio Lower Upper

56 100

69 121.5 29.2 43.8#

84 123.8 80.0 120.0#





#33

1,2-Dichloroethane-d4

Concen: 85.879 ug/l

RT: 8.326 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD073931.D

Acq: 02 Aug 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

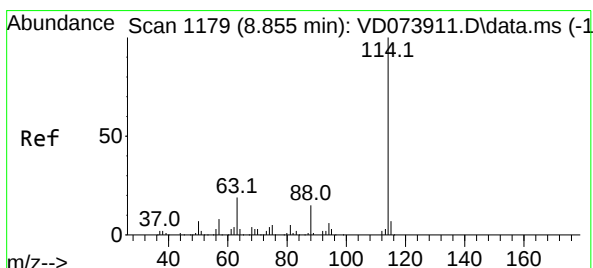
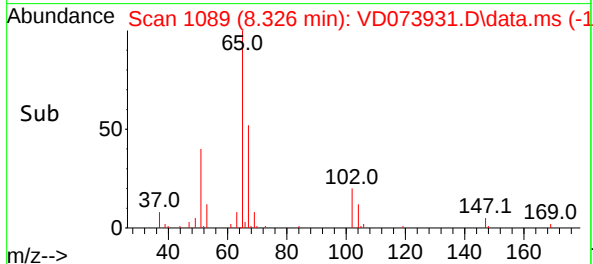
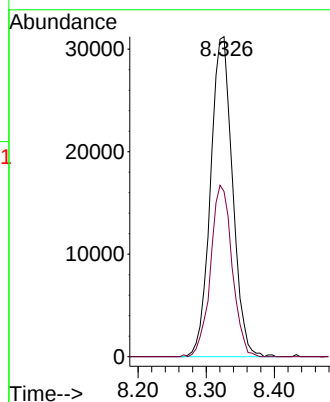
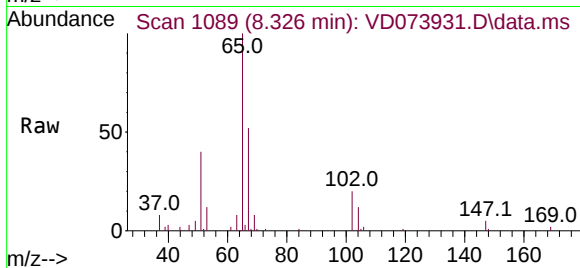
TP1-0729RE

Tgt Ion: 65 Resp: 70170

Ion Ratio Lower Upper

65 100

67 52.5 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073931.D

Acq: 02 Aug 2022 17:27

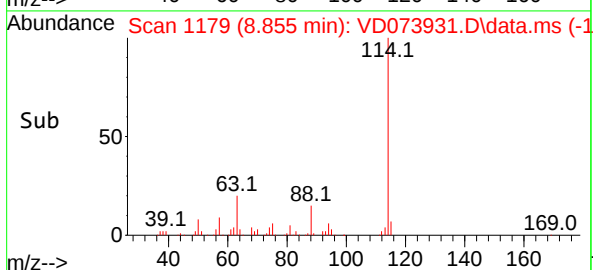
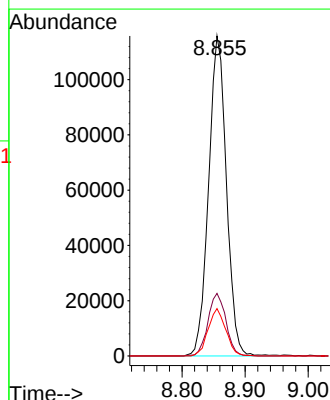
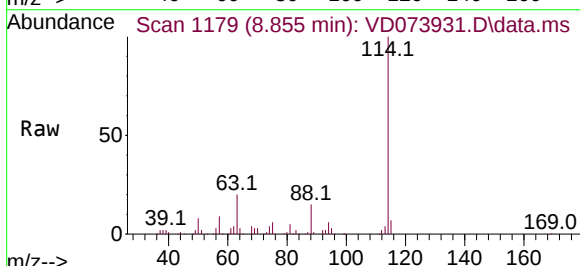
Tgt Ion: 114 Resp: 226925

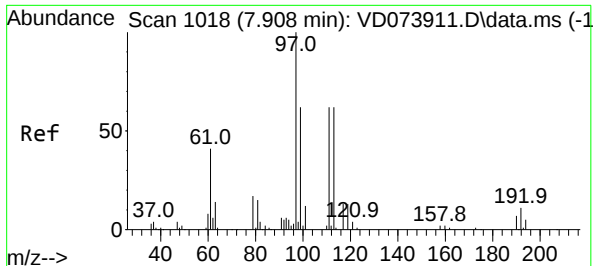
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.6

88 14.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 58.976 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073931.D

Acq: 02 Aug 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

TP1-0729RE

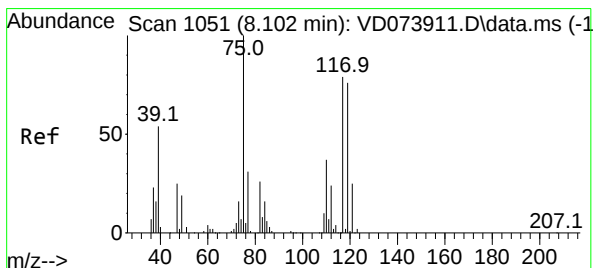
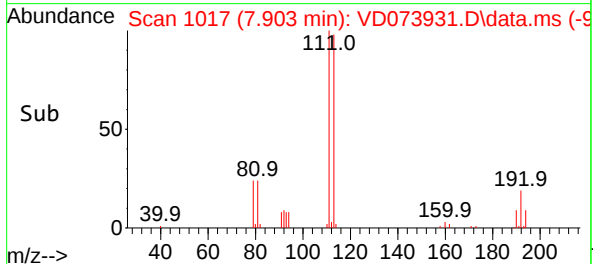
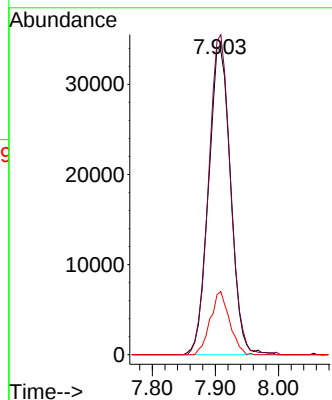
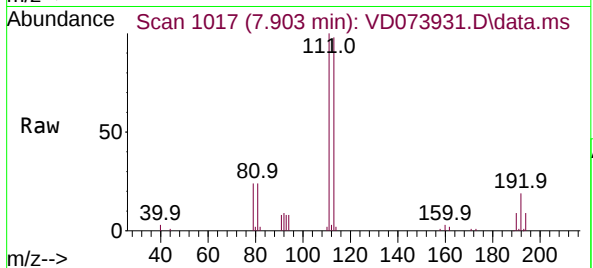
Tgt Ion:113 Resp: 83151

Ion Ratio Lower Upper

113 100

111 102.4 83.7 125.5

192 17.8 15.0 22.6



#36

1,1-Dichloropropene

Concen: 4.442 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD073931.D

Acq: 02 Aug 2022 17:27

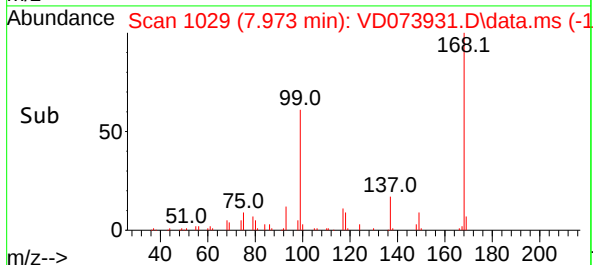
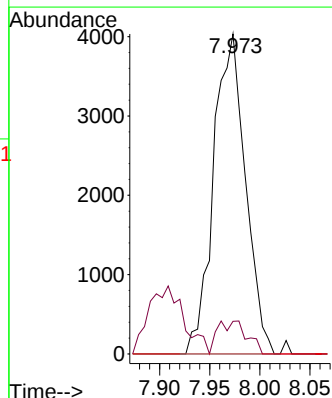
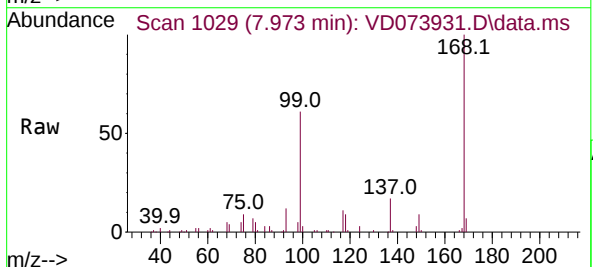
Tgt Ion: 75 Resp: 8920

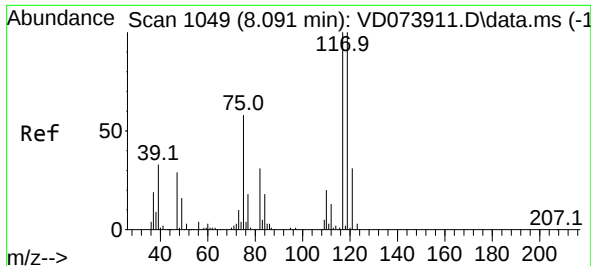
Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.1#

77 0.0 24.7 37.1#

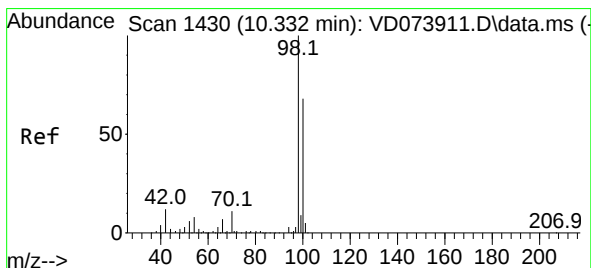
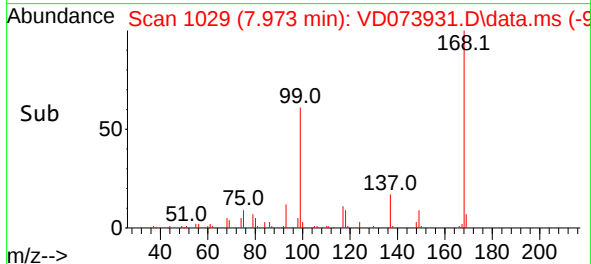
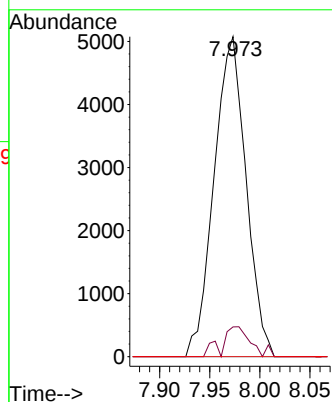
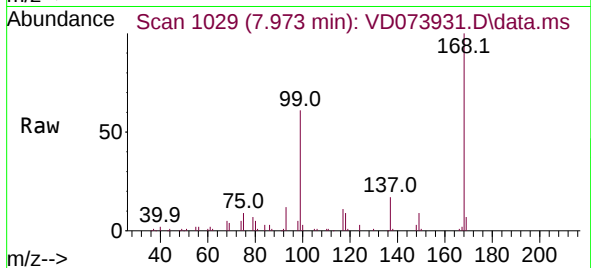




#38
Carbon Tetrachloride
Concen: 4.999 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.117 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

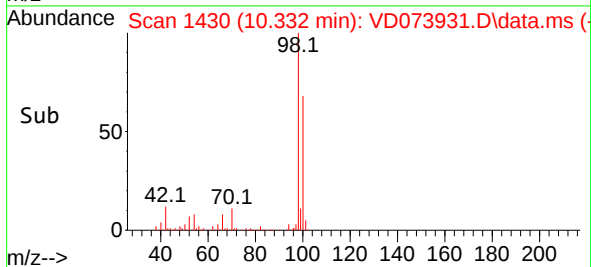
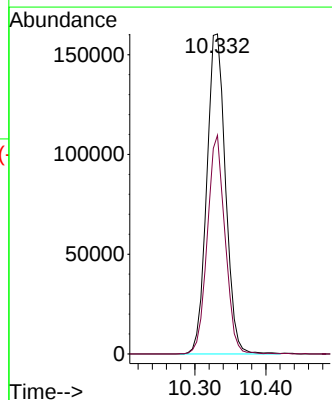
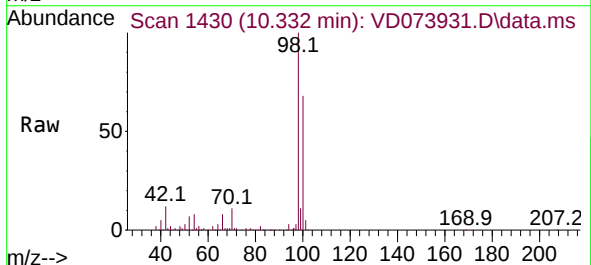
Instrument :
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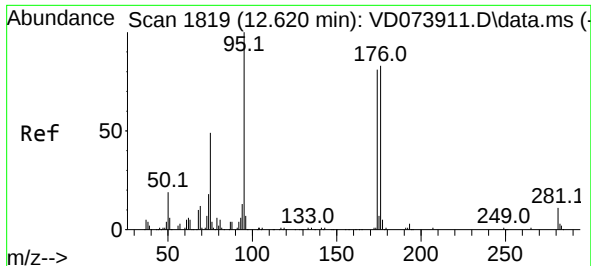
Tgt Ion:117 Resp: 11245
Ion Ratio Lower Upper
117 100
119 9.3 79.6 119.4#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 61.848 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

Tgt Ion: 98 Resp: 293735
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7

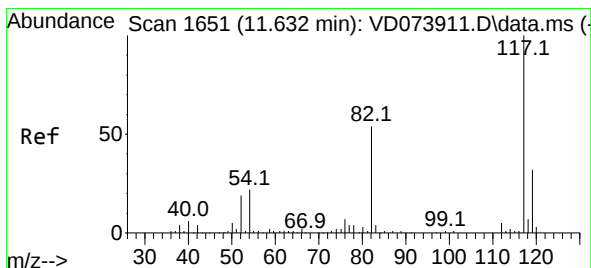
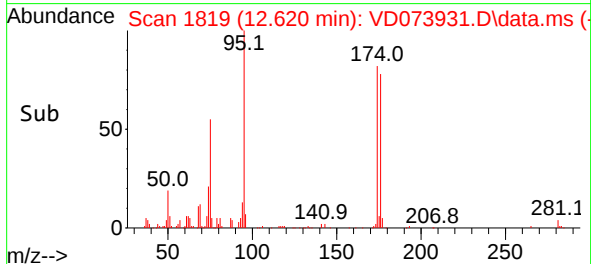
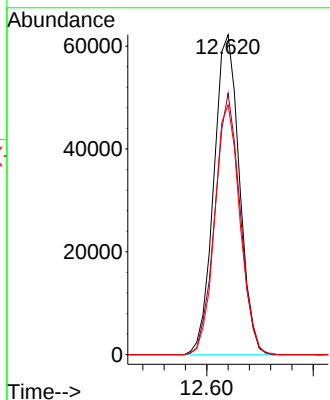
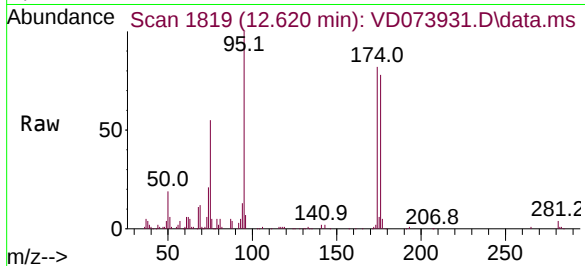




#62
4-Bromofluorobenzene
Concen: 59.440 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

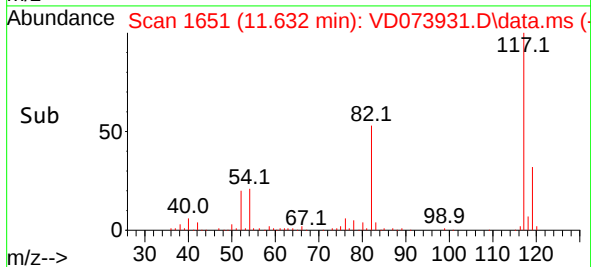
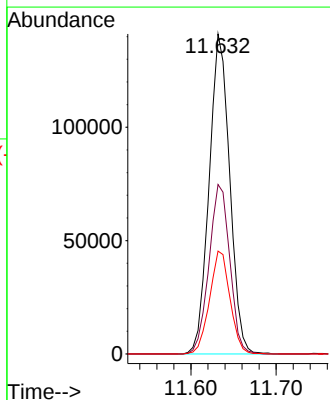
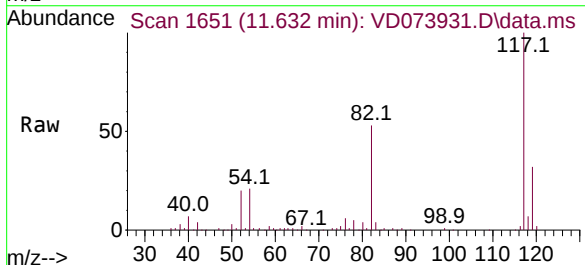
Instrument :
MSVOA_D
ClientSampleId :
TP1-0729RE

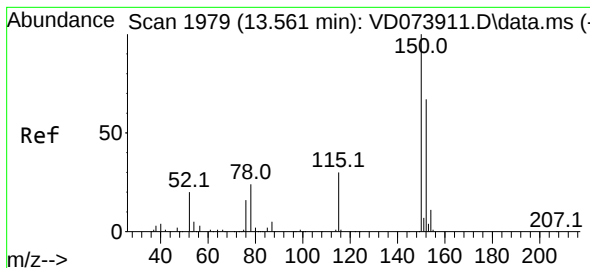
Tgt Ion: 95 Resp: 103812
Ion Ratio Lower Upper
95 100
174 79.7 0.0 164.2
176 77.3 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.000 min
Lab File: VD073931.D
Acq: 02 Aug 2022 17:27

Tgt Ion: 117 Resp: 237126
Ion Ratio Lower Upper
117 100
82 53.0 43.3 64.9
119 32.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073931.D

Acq: 02 Aug 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

TP1-0729RE

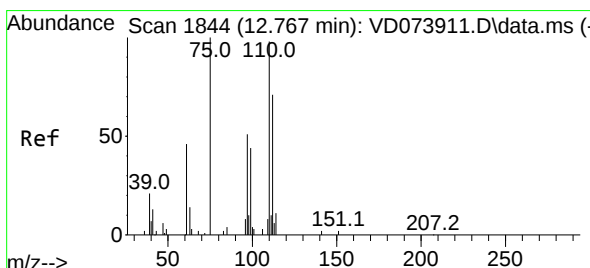
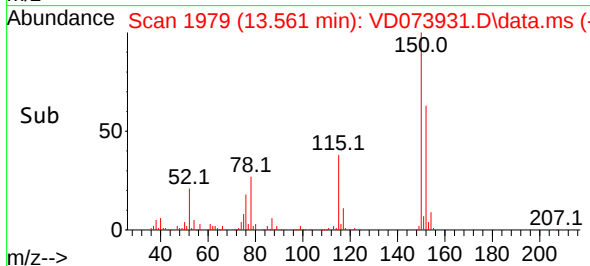
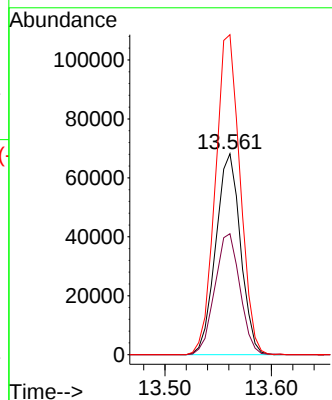
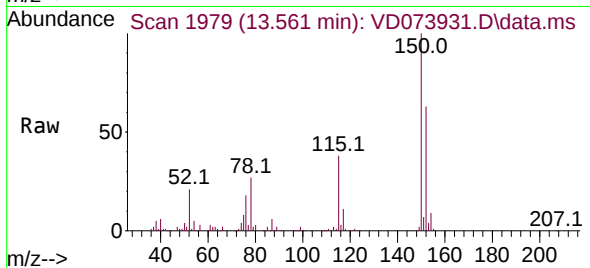
Tgt Ion:152 Resp: 109869

Ion Ratio Lower Upper

152 100

115 61.2 29.1 87.3

150 159.4 0.0 338.2



#76

1,2,3-Trichloropropane

Concen: 69.114 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073931.D

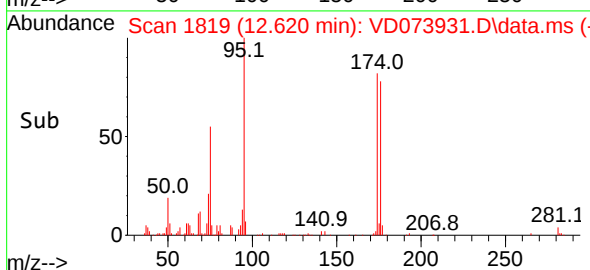
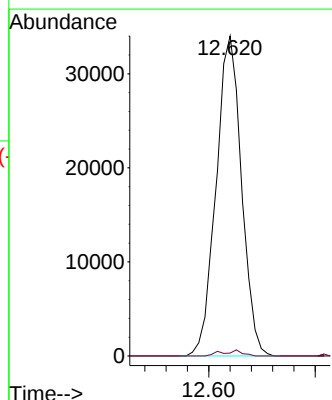
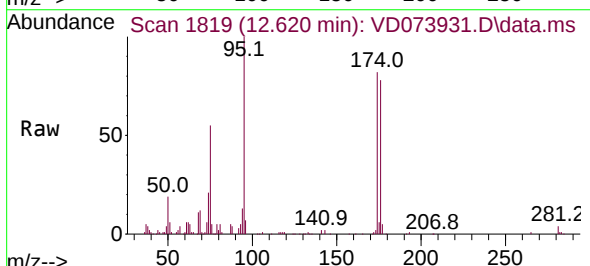
Acq: 02 Aug 2022 17:27

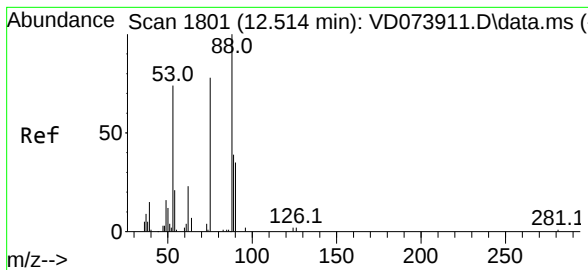
Tgt Ion: 75 Resp: 56317

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.058 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073931.D
 Acq: 02 Aug 2022 17:27

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-0729RE

Tgt Ion: 75 Resp: 56317
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.6 107.4#
 89 0.0 39.8 59.6#

