

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050922\
 Data File : VD072900.D
 Acq On : 09 May 2022 19:44
 Operator : VA/SY
 Sample : N2703-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-28

Quant Time: May 10 01:37:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

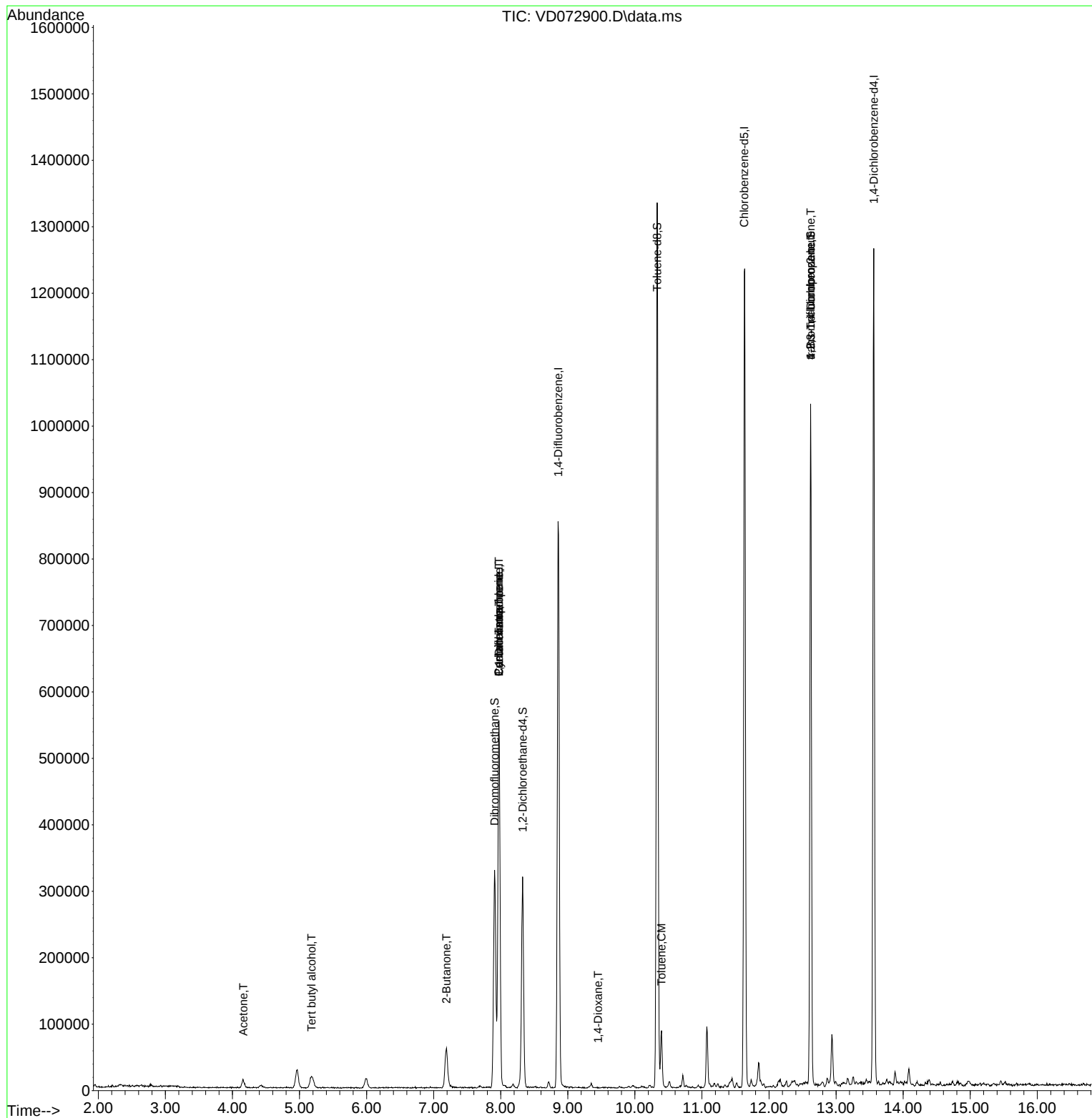
Internal Standards						
1) Pentafluorobenzene	7.973	168	392829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	725663	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	704472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	311241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	244584	47.965	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.920%
35) Dibromofluoromethane	7.909	113	235902	46.288	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.580%
50) Toluene-d8	10.332	98	884413	48.378	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.620	95	334460	49.065	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.140%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1032	Below Cal		94
11) Tert butyl alcohol	5.179	59	17666	40.042 ug/l	#	74
16) Acetone	4.162	43	20550	8.037 ug/l	#	84
18) Methyl Acetate	4.703	43	59	Below Cal	#	55
20) Methylene Chloride	4.962	84	20160	Below Cal	#	75
25) 2-Butanone	7.191	43	3762	2.532 ug/l	#	52
31) Cyclohexane	7.973	56	10034	1.126 ug/l	#	1
36) 1,1-Dichloropropene	7.973	75	34565	4.171 ug/l	#	51
38) Carbon Tetrachloride	7.973	117	41414	4.814 ug/l	#	18
49) 1,4-Dioxane	9.450	88	60	1.537 ug/l	#	21
52) Toluene	10.397	92	33233	2.226 ug/l		100
76) 1,2,3-Trichloropropane	12.620	75	178428	51.412 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	178428	118.227 ug/l	#	7

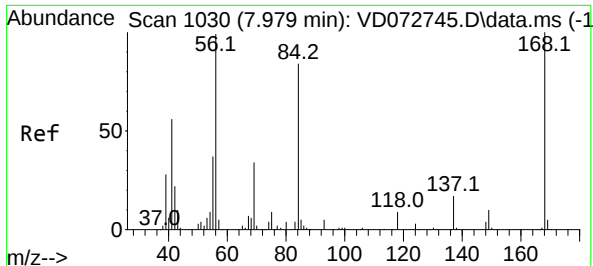
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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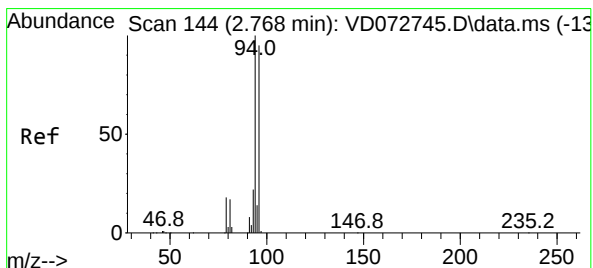
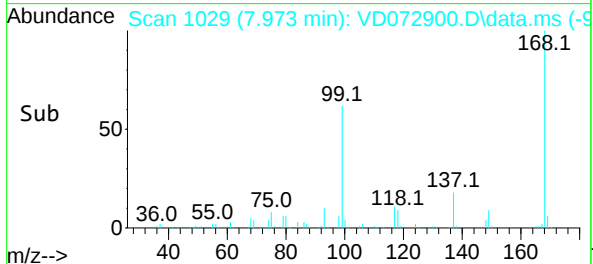
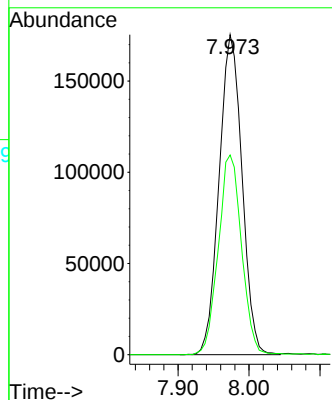
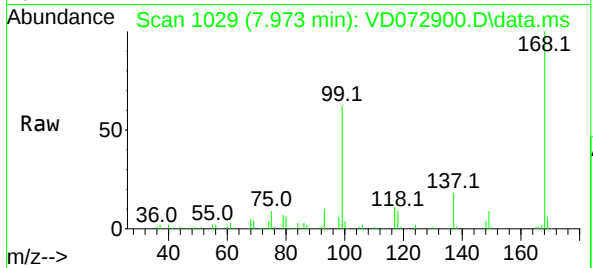




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

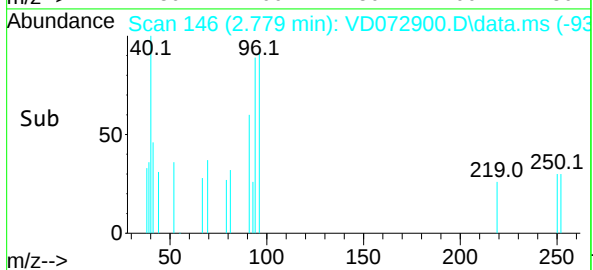
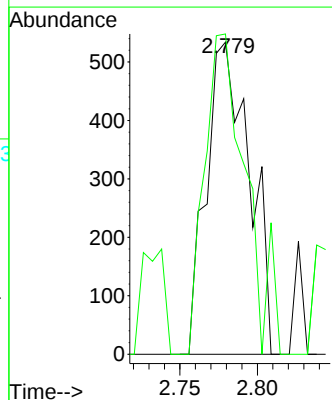
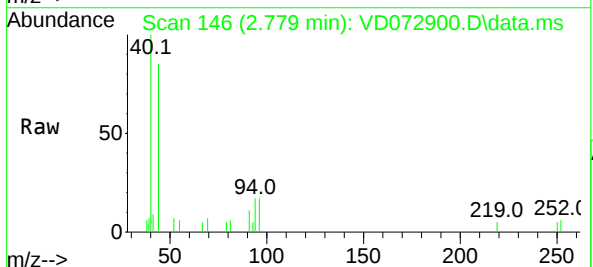
Instrument :
MSVOA_D
ClientSampleId :
TP-28

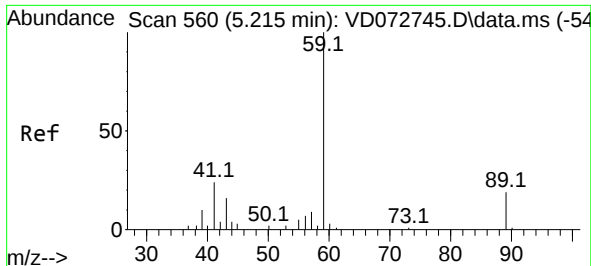
Tgt Ion:168 Resp: 392829
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

Tgt Ion: 94 Resp: 1032
Ion Ratio Lower Upper
94 100
96 102.6 77.6 116.4





#11

Tert butyl alcohol

Concen: 40.042 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.036 min

Lab File: VD072900.D

Acq: 09 May 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

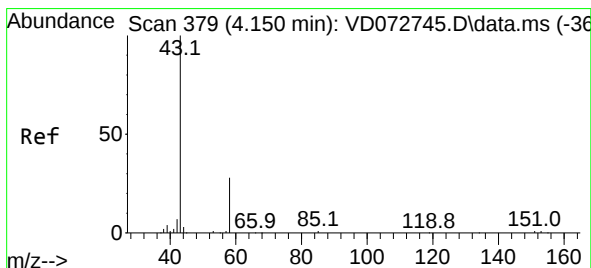
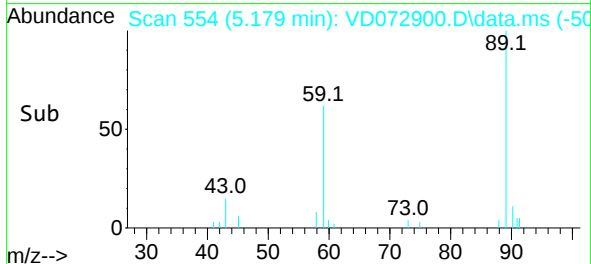
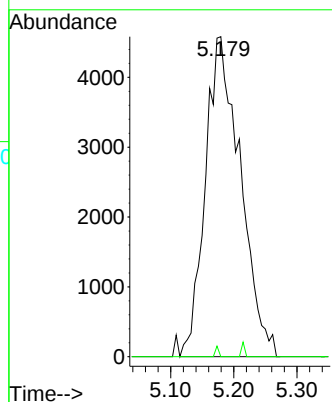
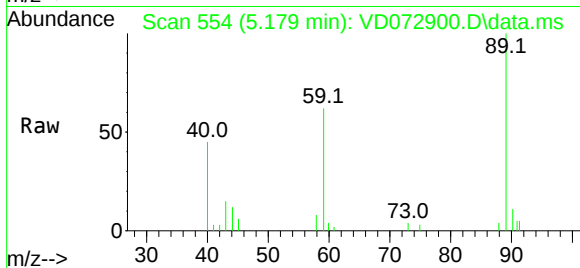
TP-28

Tgt Ion: 59 Resp: 17666

Ion Ratio Lower Upper

59 100

57 0.3 7.8 11.6#



#16

Acetone

Concen: 8.037 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.012 min

Lab File: VD072900.D

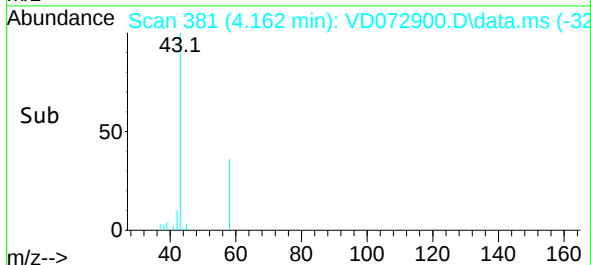
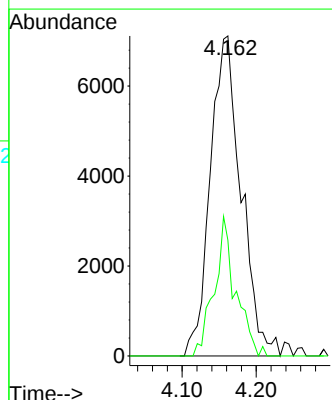
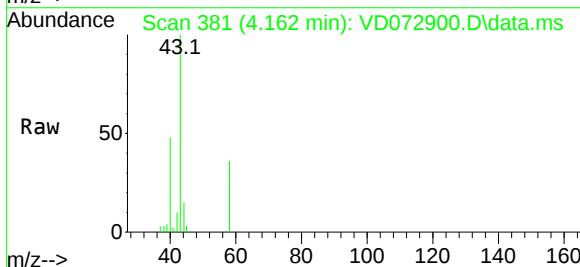
Acq: 09 May 2022 19:44

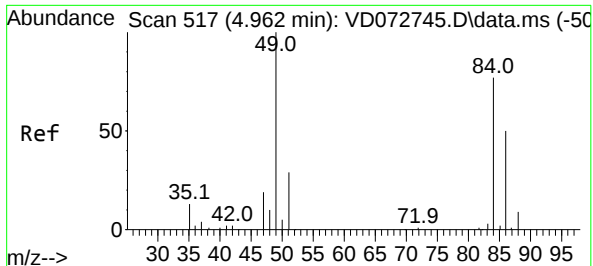
Tgt Ion: 43 Resp: 20550

Ion Ratio Lower Upper

43 100

58 36.2 22.1 33.1#



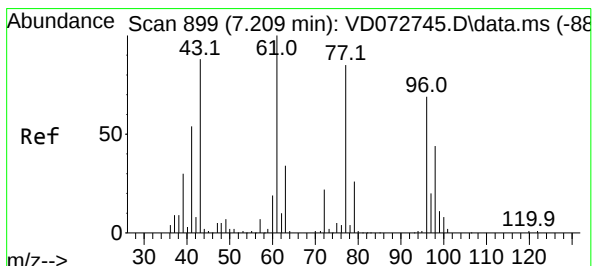
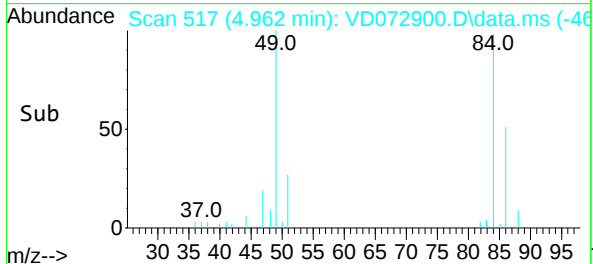
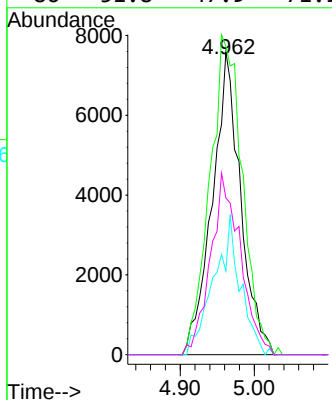
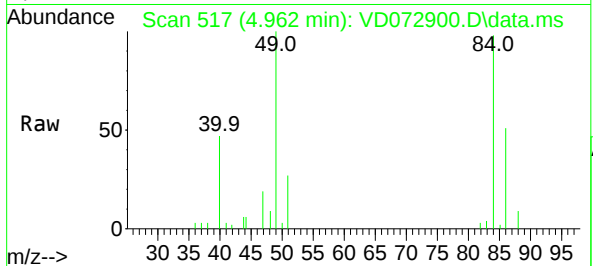


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

Instrument :
MSVOA_D
ClientSampleId :
TP-28

Tgt Ion: 84 Resp: 20160

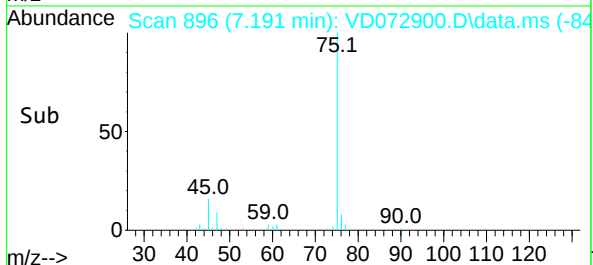
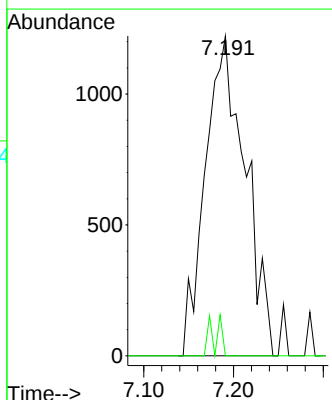
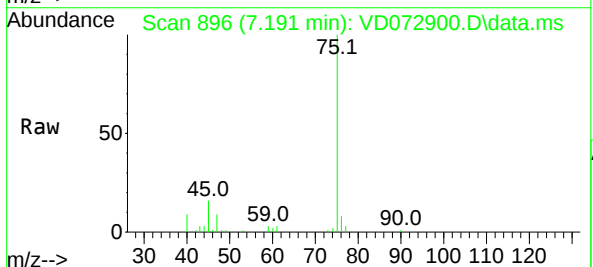
Ion	Ratio	Lower	Upper
84	100		
49	102.0	112.8	169.2#
51	27.7	32.6	48.8#
86	51.8	47.9	71.9

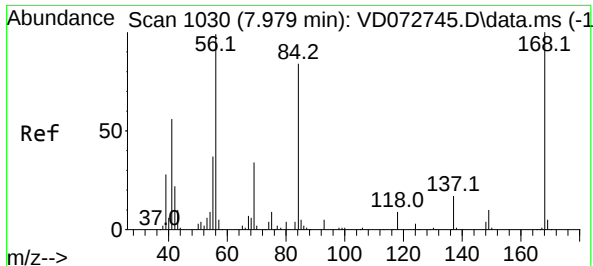


#25
2-Butanone
Concen: 2.532 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.018 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

Tgt Ion: 43 Resp: 3762

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#31

Cyclohexane

Concen: 1.126 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072900.D

Acq: 09 May 2022 19:44

Instrument :

MSVOA_D

ClientSampleId :

TP-28

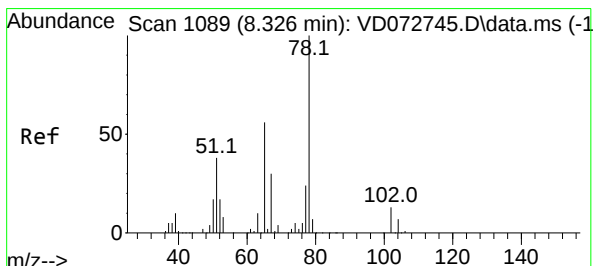
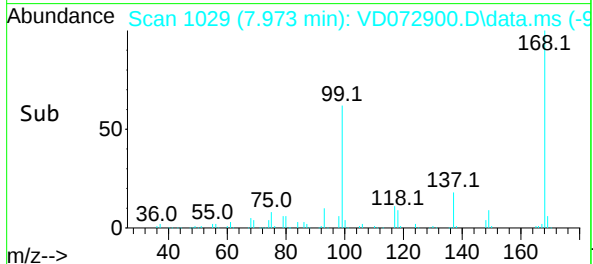
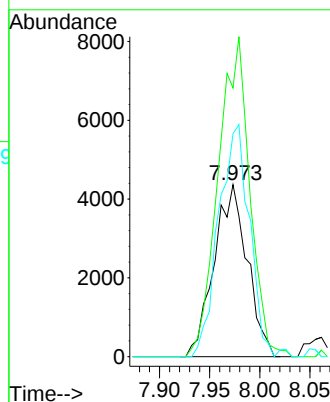
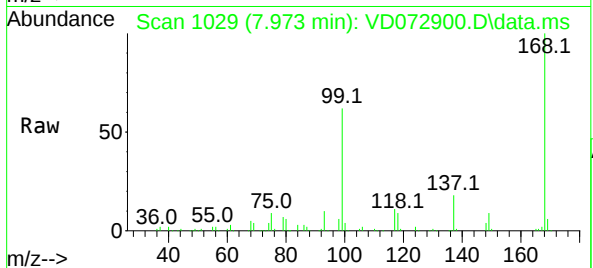
Tgt Ion: 56 Resp: 10034

Ion Ratio Lower Upper

56 100

69 156.2 25.4 38.2#

84 129.5 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 47.965 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072900.D

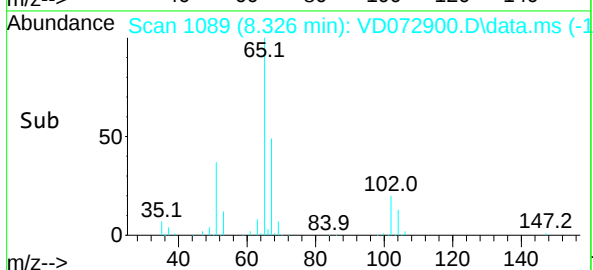
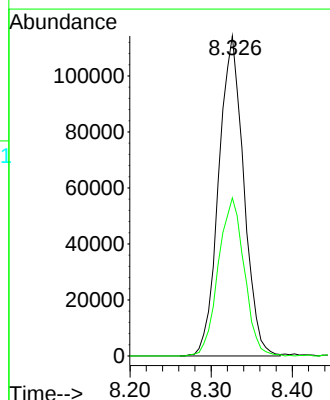
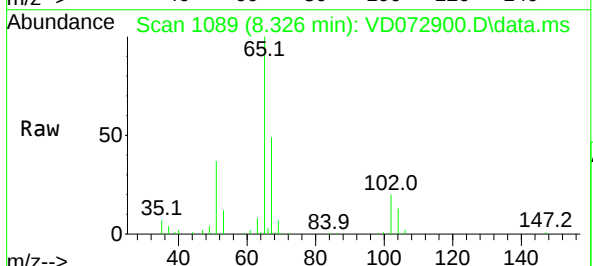
Acq: 09 May 2022 19:44

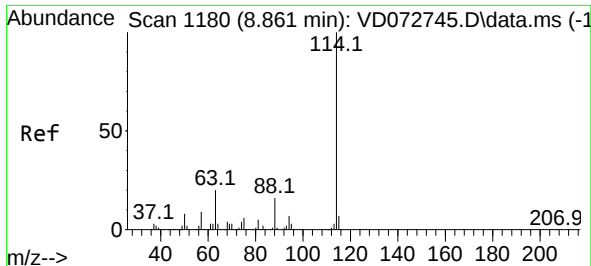
Tgt Ion: 65 Resp: 244584

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.4

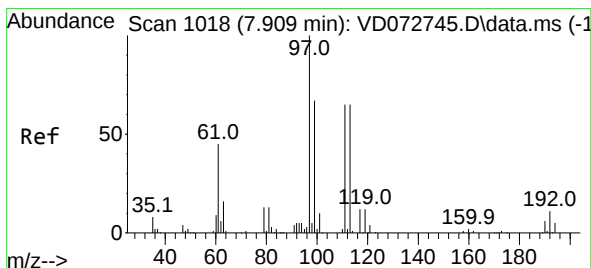
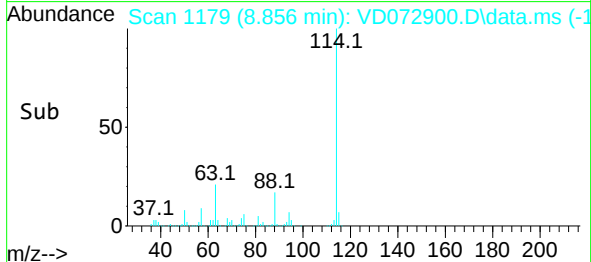
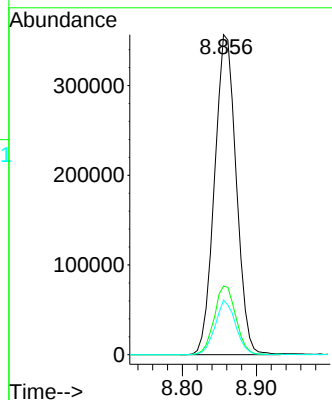
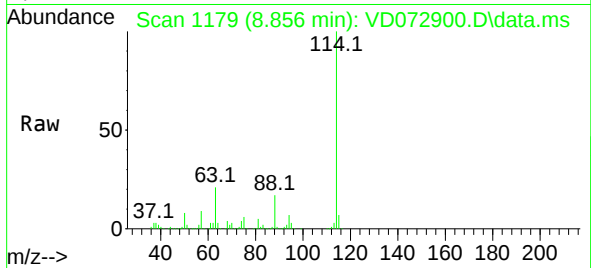




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

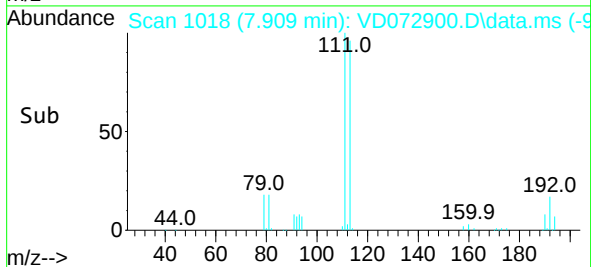
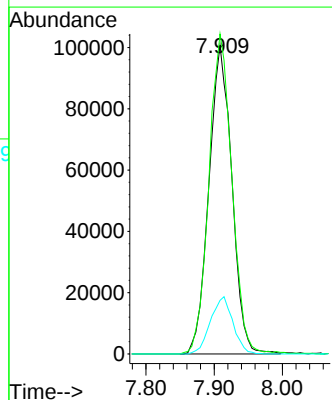
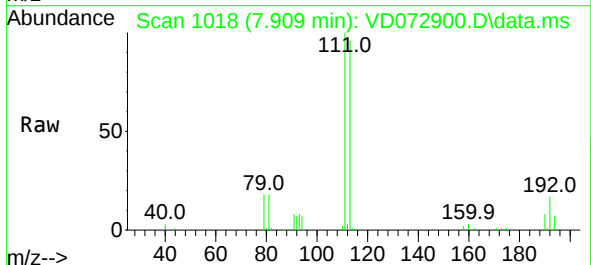
Instrument :
MSVOA_D
ClientSampleId :
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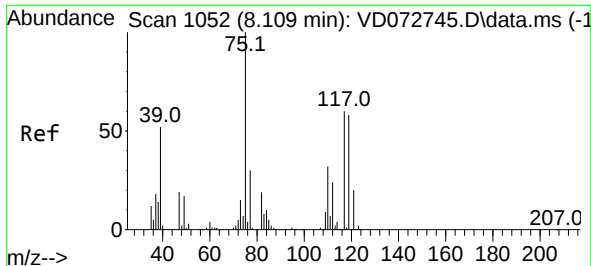
Tgt Ion:114 Resp: 725663
Ion Ratio Lower Upper
114 100
63 21.5 0.0 46.6
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.288 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

Tgt Ion:113 Resp: 235902
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 18.2 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.171 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072900.D

Acq: 09 May 2022 19:44

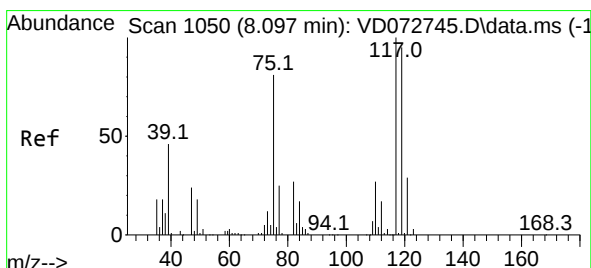
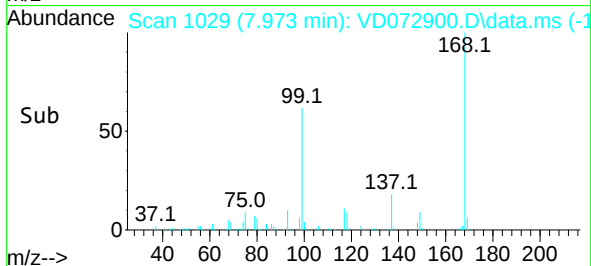
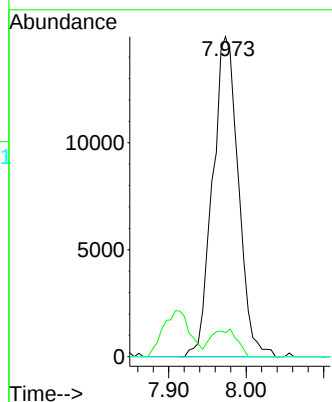
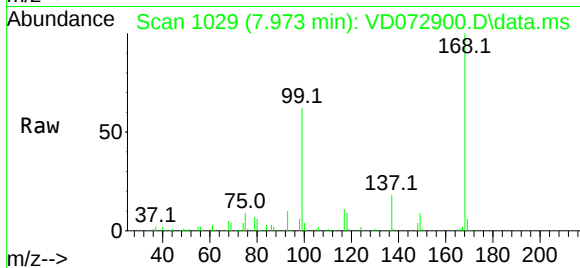
Instrument :

MSVOA_D

ClientSampleId :

TP-28

Tgt Ion: 75	Resp: 34565
Ion Ratio	Lower Upper
75	100
110	8.6 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.814 ug/l

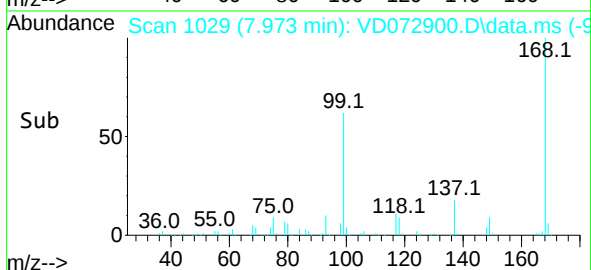
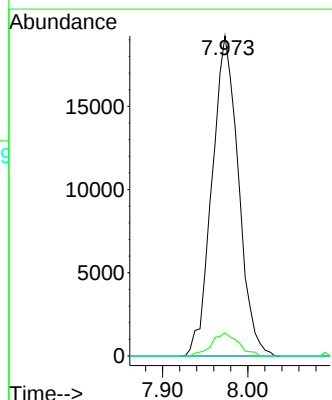
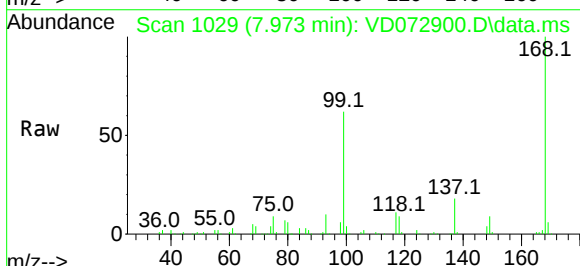
RT: 7.973 min Scan# 1029

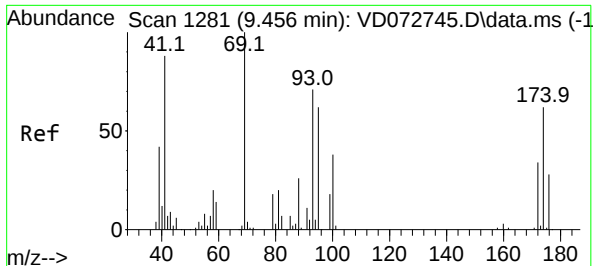
Delta R.T. -0.124 min

Lab File: VD072900.D

Acq: 09 May 2022 19:44

Tgt Ion: 117	Resp: 41414
Ion Ratio	Lower Upper
117	100
119	7.2 75.8 113.6#
121	0.0 24.5 36.7#

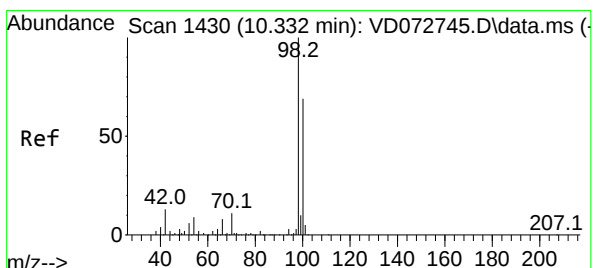
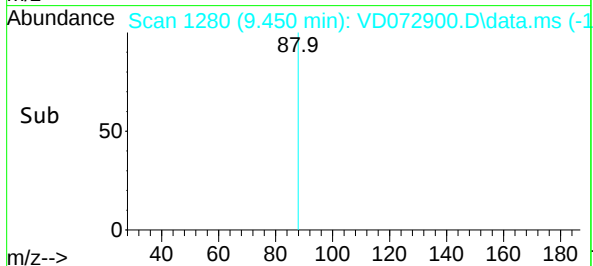
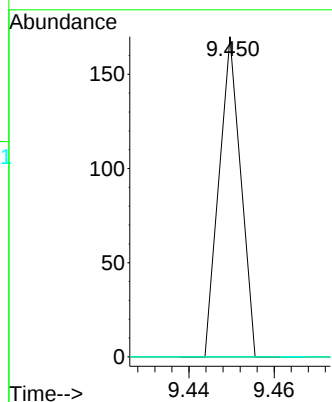
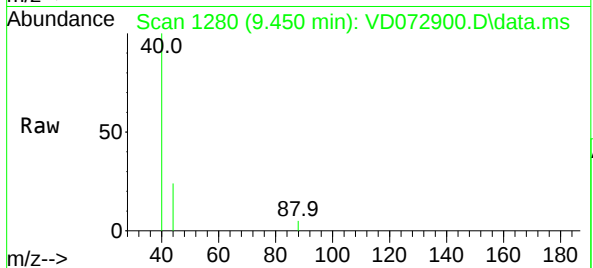




#49
1,4-Dioxane
Concen: 1.537 ug/l
RT: 9.450 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

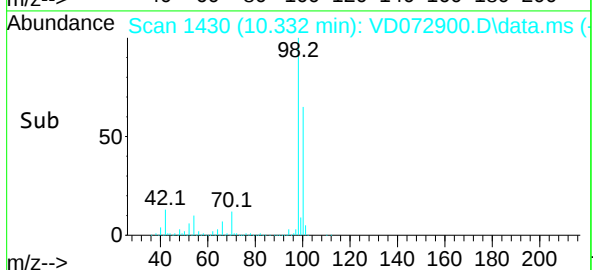
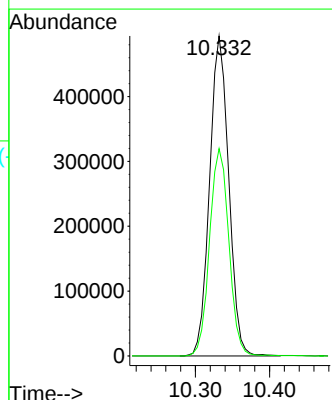
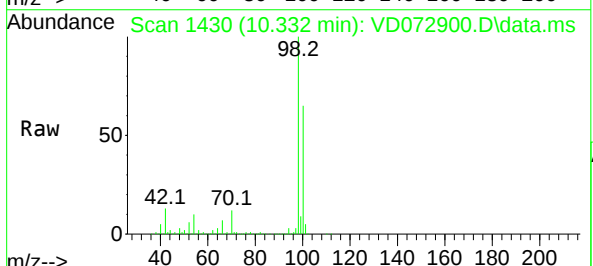
Instrument :
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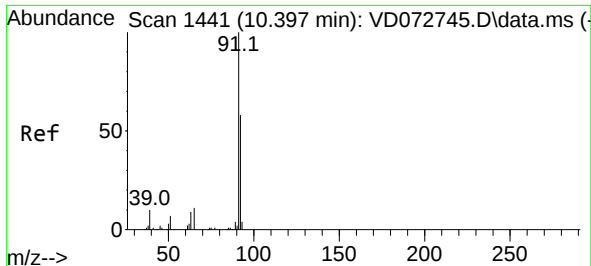
Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 48.378 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

Tgt Ion: 98 Resp: 884413
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

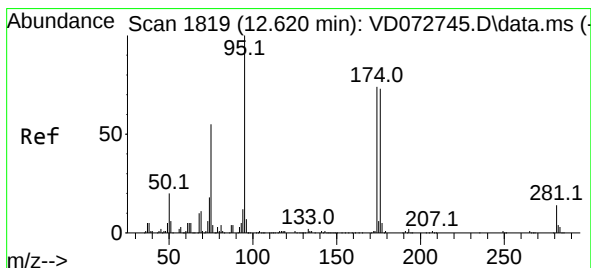
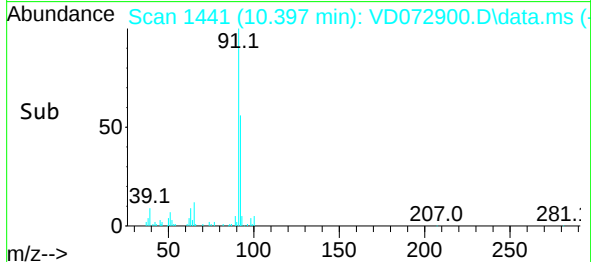
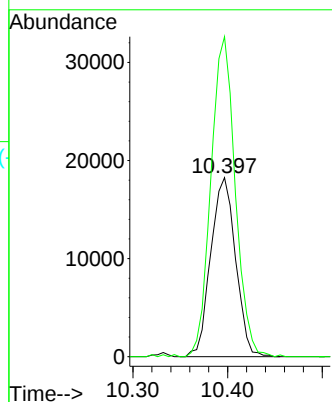
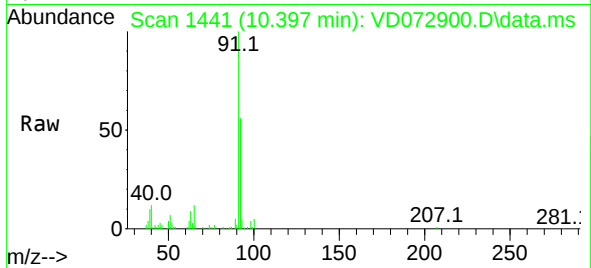




#52
Toluene
Concen: 2.226 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

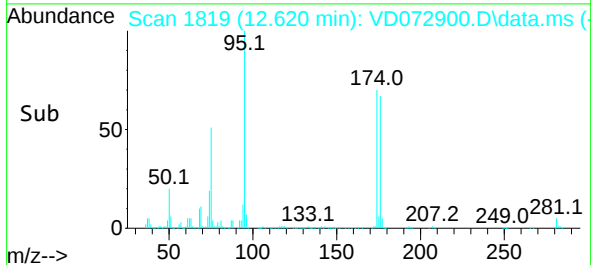
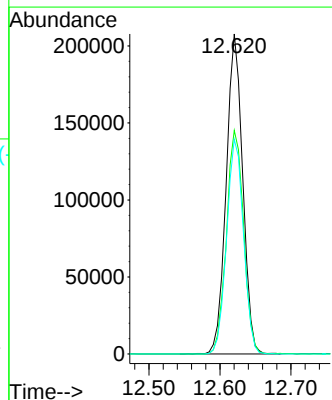
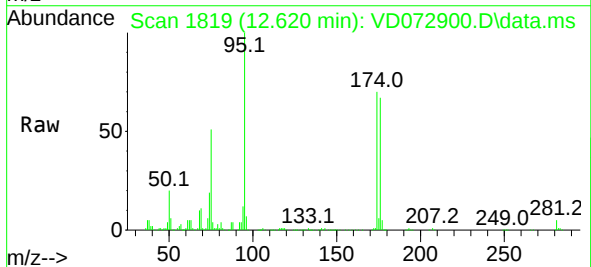
Instrument :
MSVOA_D
ClientSampleId :
TP-28

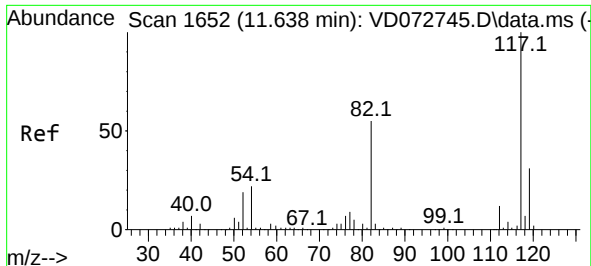
Tgt Ion: 92 Resp: 33233
Ion Ratio Lower Upper
92 100
91 174.9 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 49.065 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

Tgt Ion: 95 Resp: 334460
Ion Ratio Lower Upper
95 100
174 72.8 0.0 152.8
176 68.5 0.0 145.4

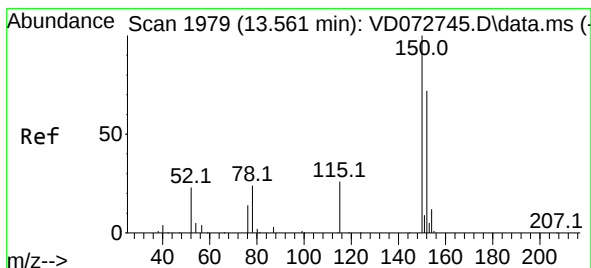
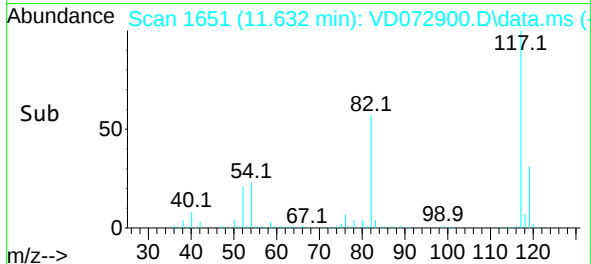
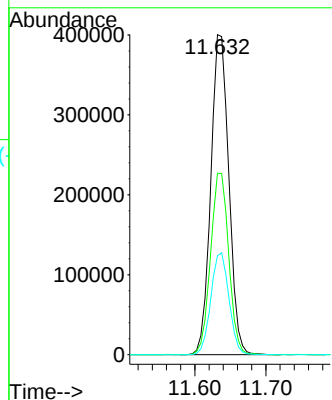
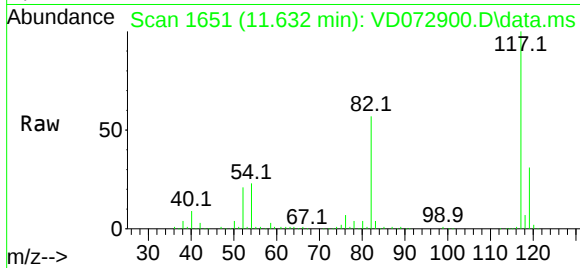




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

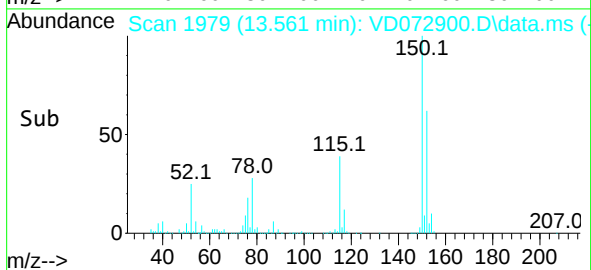
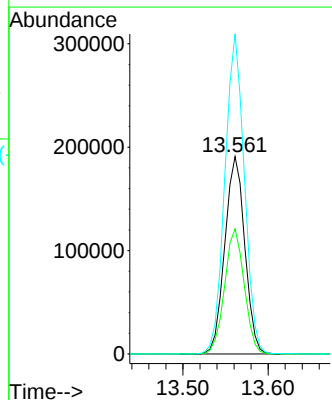
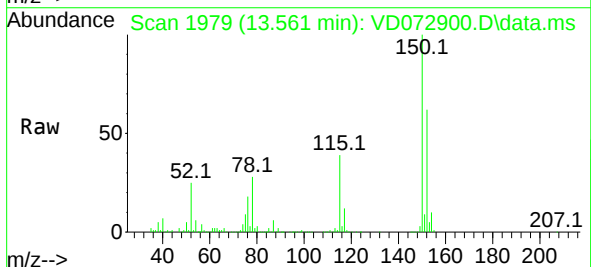
Instrument :
MSVOA_D
ClientSampleId :
TP-28

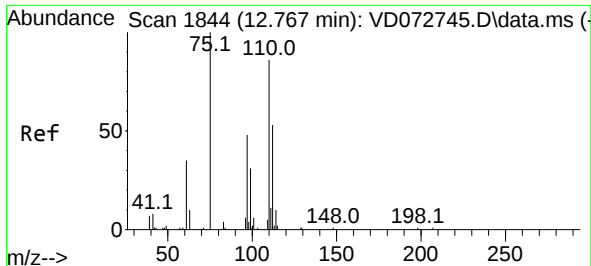
Tgt Ion:117 Resp: 704472
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 30.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

Tgt Ion:152 Resp: 311241
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.8
150 158.0 0.0 348.6

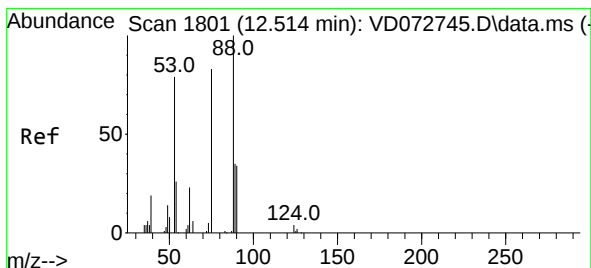
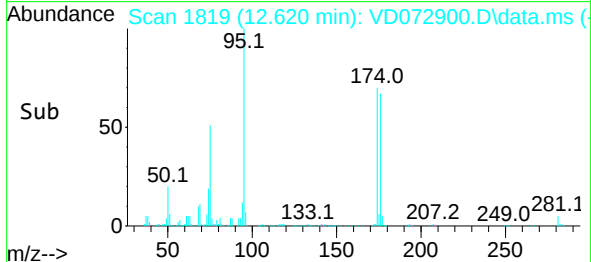
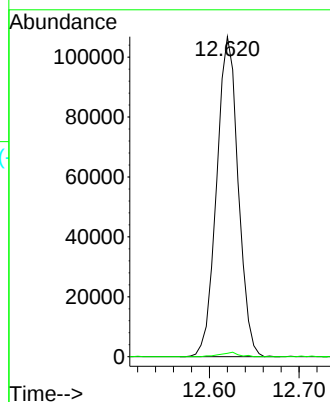
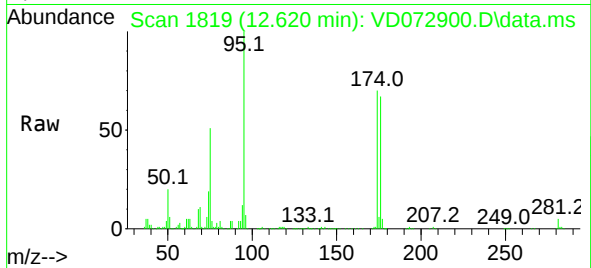




#76
1,2,3-Trichloropropane
Concen: 51.412 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

Instrument :
MSVOA_D
ClientSampleId :
TP-28

Tgt Ion: 75 Resp: 178428
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.227 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072900.D
Acq: 09 May 2022 19:44

Tgt Ion: 75 Resp: 178428
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

