

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072927.D
 Acq On : 11 May 2022 13:27
 Operator : VA/SY
 Sample : N2777-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-PARK-1-A

Quant Time: May 11 14:18:21 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)

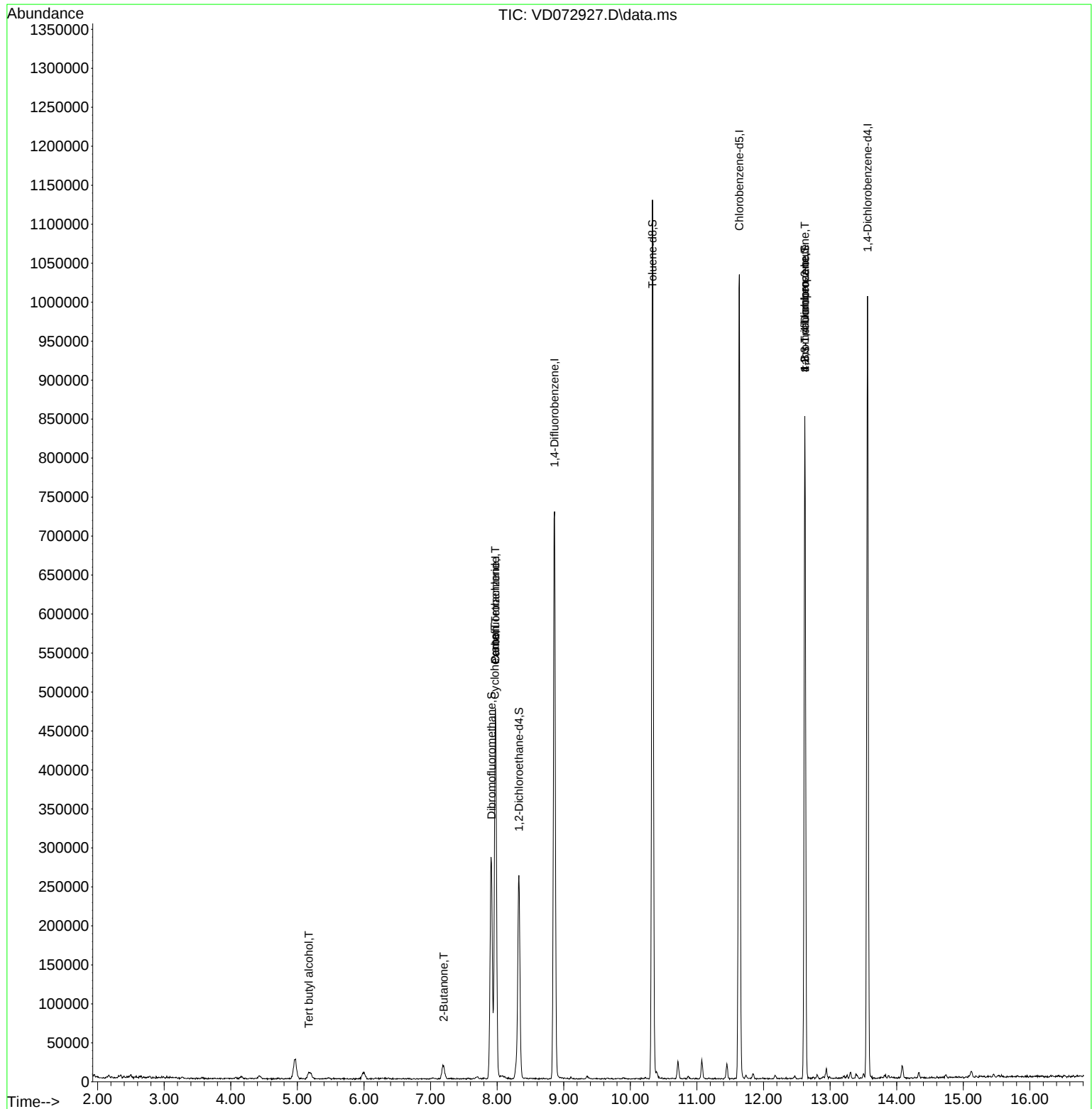
Internal Standards						
1) Pentafluorobenzene	7.973	168	344367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	624284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	602570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206944	46.295	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.580%		
35) Dibromofluoromethane	7.914	113	212089	48.373	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.740%		
50) Toluene-d8	10.332	98	758638	48.237	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.480%		
62) 4-Bromofluorobenzene	12.620	95	264875	45.167	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.340%		
Target Compounds						
5) Bromomethane	2.779	94	1576	Below Cal	Qvalue	90
11) Tert butyl alcohol	5.173	59	4267	11.033 ug/l #		74
13) Acrolein	3.944	56	60	Below Cal #		74
16) Acetone	4.168	43	5230	Below Cal #		88
18) Methyl Acetate	4.726	43	61	Below Cal #		55
20) Methylene Chloride	4.973	84	20282	Below Cal #		81
25) 2-Butanone	7.197	43	1530	1.175 ug/l #		52
31) Cyclohexane	7.967	56	9238	1.182 ug/l #		1
38) Carbon Tetrachloride	7.973	117	36326	4.909 ug/l #		16
76) 1,2,3-Trichloropropane	12.620	75	136479	47.544 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	136479	109.333 ug/l #		7

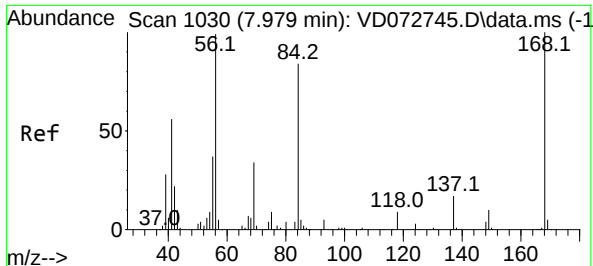
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
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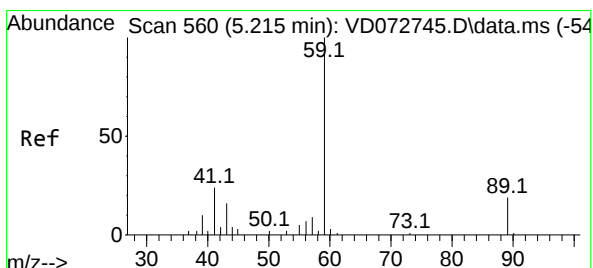
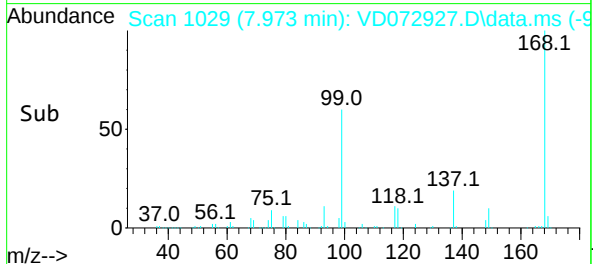
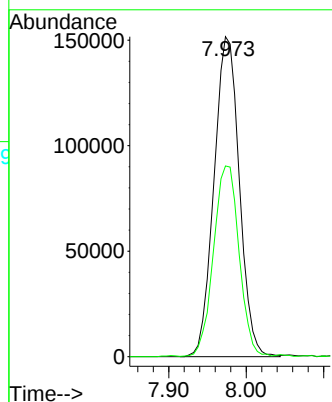
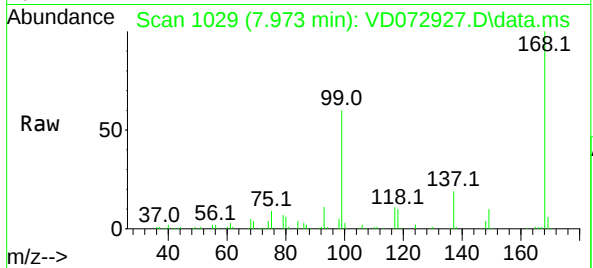




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

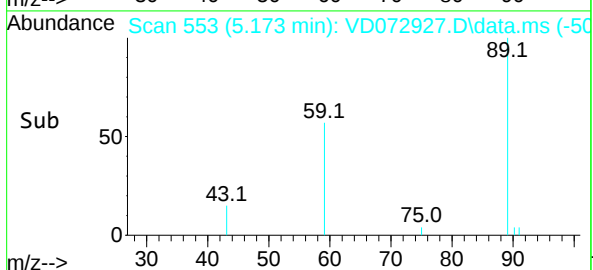
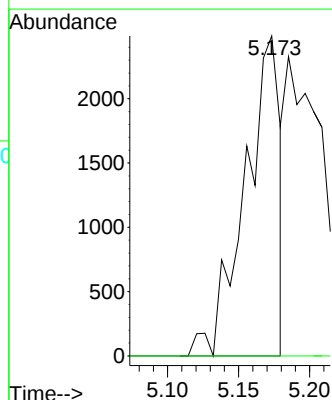
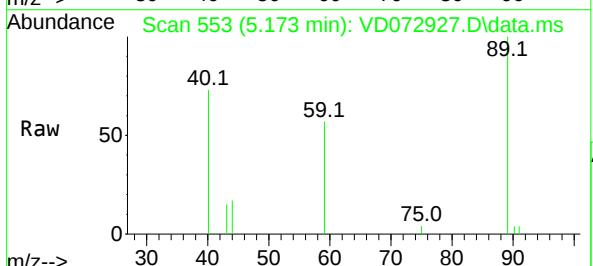
Instrument :
MSVOA_D
ClientSampleId :
P-PARK-1-A

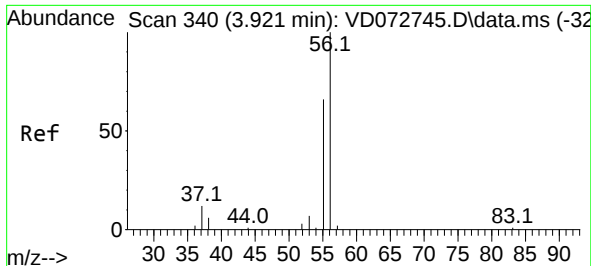
Tgt Ion:168 Resp: 344367
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#11
Tert butyl alcohol
Concen: 11.033 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.042 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

Tgt Ion: 59 Resp: 4267
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

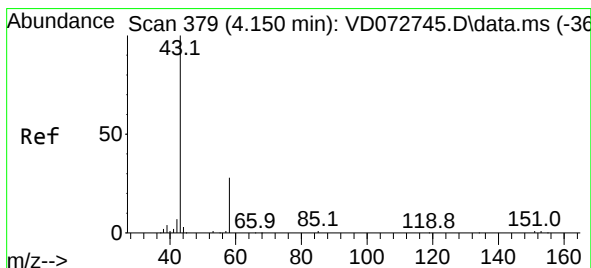
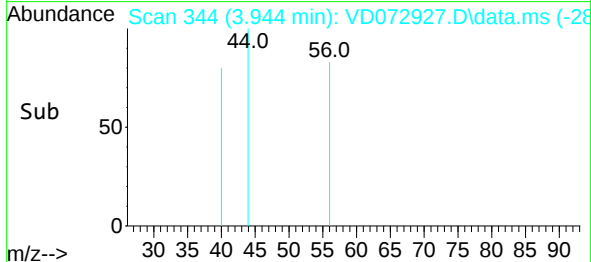
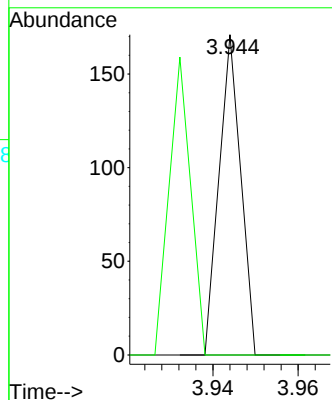
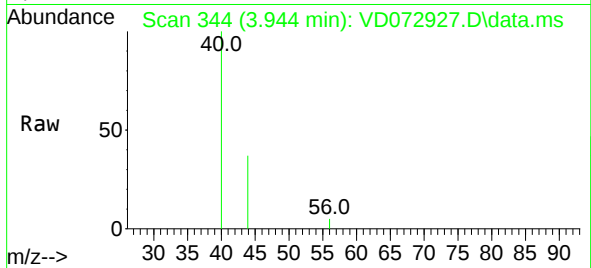




#13
Acrolein
Concen: Below Cal
RT: 3.944 min Scan# 34
Delta R.T. 0.023 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

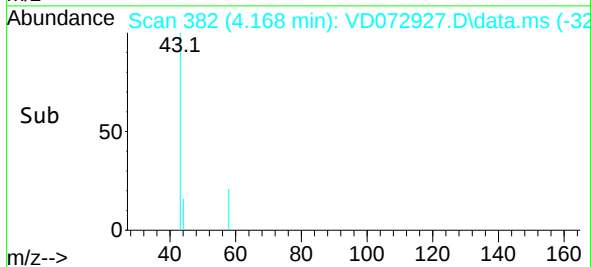
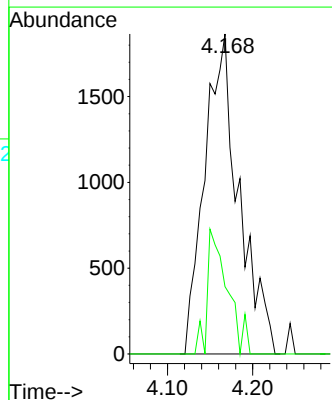
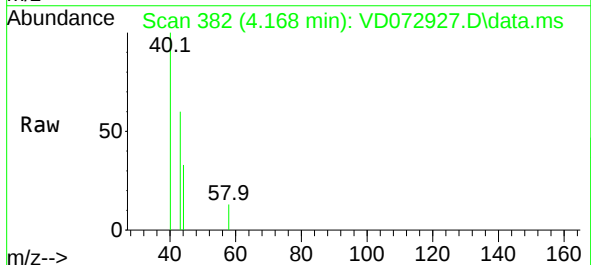
Instrument :
MSVOA_D
ClientSampleId :
P-PARK-1-A

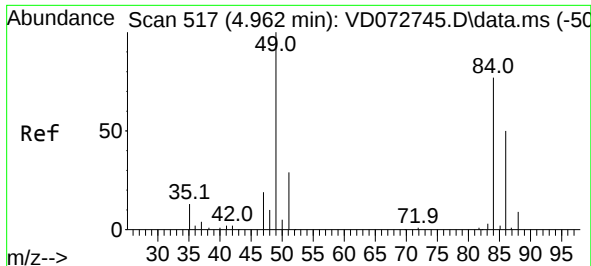
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 93.3 57.1 85.7#



#16
Acetone
Concen: Below Cal
RT: 4.168 min Scan# 382
Delta R.T. 0.018 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

Tgt Ion: 43 Resp: 5230
Ion Ratio Lower Upper
43 100
58 21.1 22.1 33.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.973 min Scan# 51

Delta R.T. 0.011 min

Lab File: VD072927.D

Acq: 11 May 2022 13:27

Instrument :

MSVOA_D

ClientSampleId :

P-PARK-1-A

Tgt Ion: 84 Resp: 20282

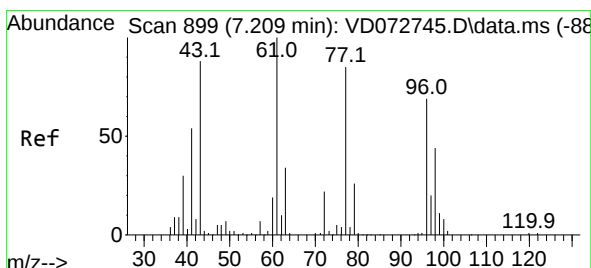
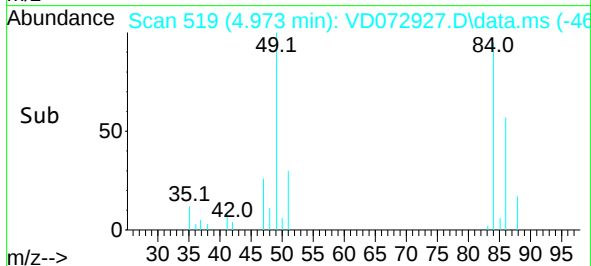
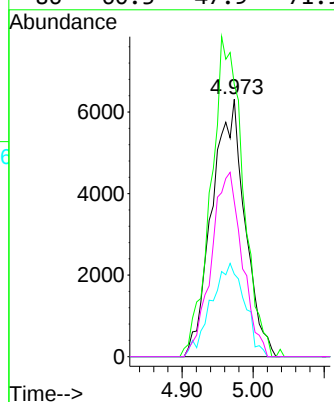
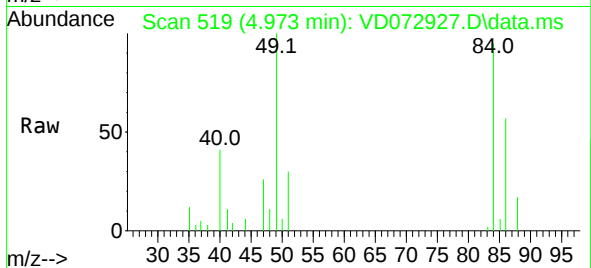
Ion Ratio Lower Upper

84 100

49 105.8 112.8 169.2#

51 32.1 32.6 48.8#

86 60.3 47.9 71.9



#25

2-Butanone

Concen: 1.175 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.012 min

Lab File: VD072927.D

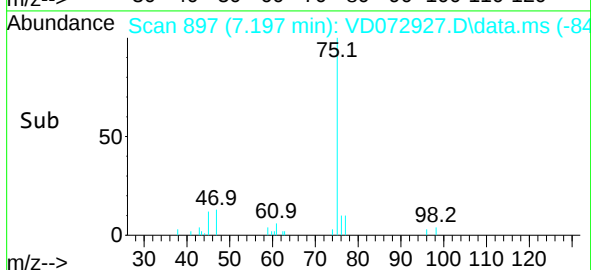
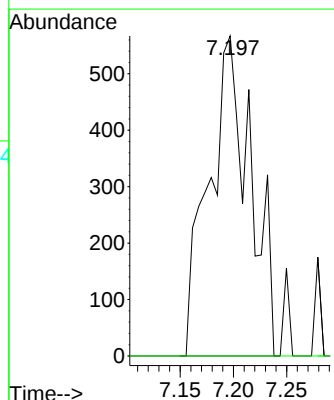
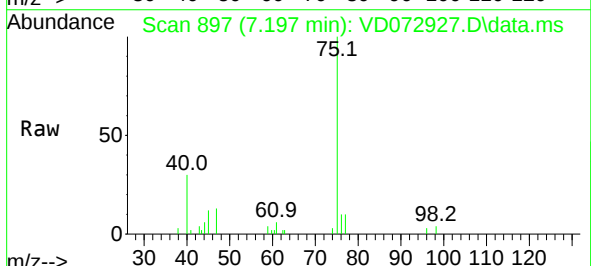
Acq: 11 May 2022 13:27

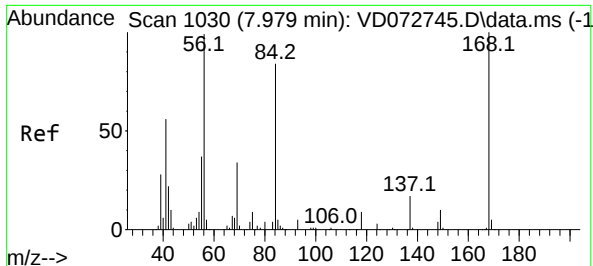
Tgt Ion: 43 Resp: 1530

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#

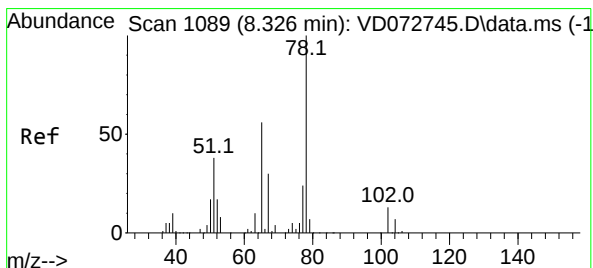
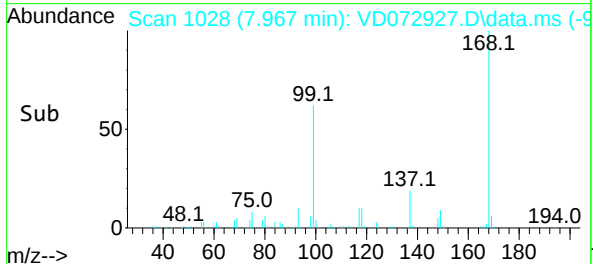
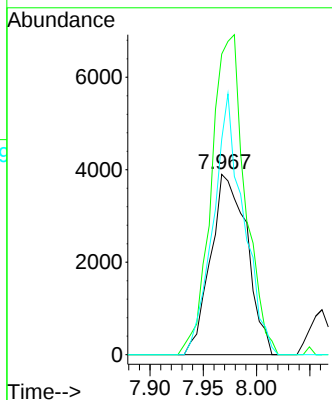
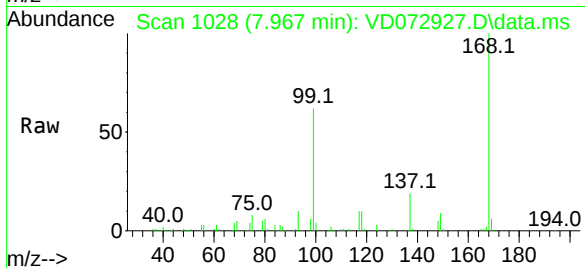




#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

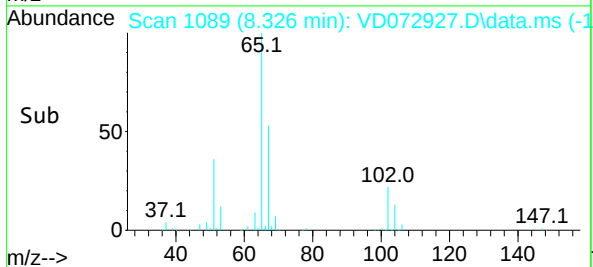
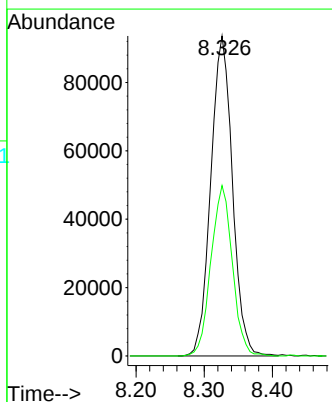
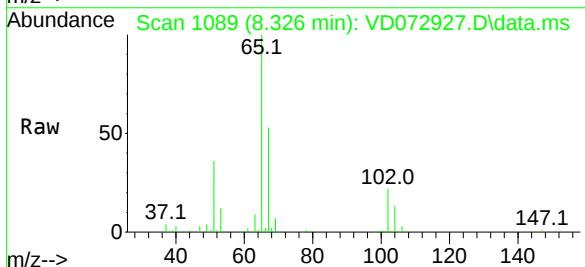
Instrument :
MSVOA_D
ClientSampleId :
P-PARK-1-A

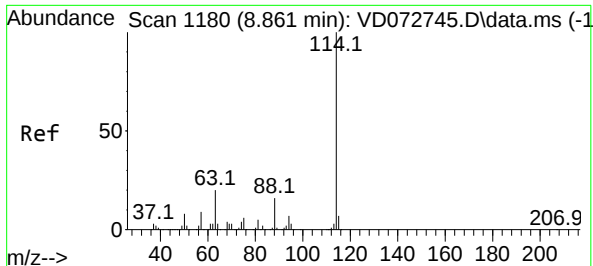
Tgt Ion: 56 Resp: 9238
Ion Ratio Lower Upper
56 100
69 166.7 25.4 38.2#
84 119.4 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 46.295 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

Tgt Ion: 65 Resp: 206944
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072927.D

Acq: 11 May 2022 13:27

Instrument :

MSVOA_D

ClientSampleId :

P-PARK-1-A

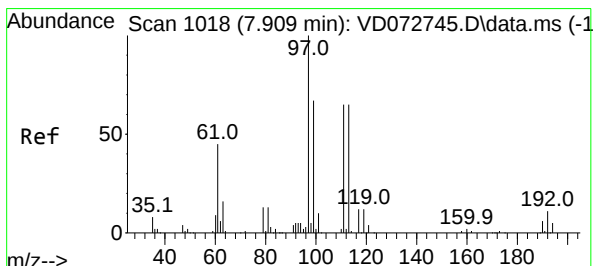
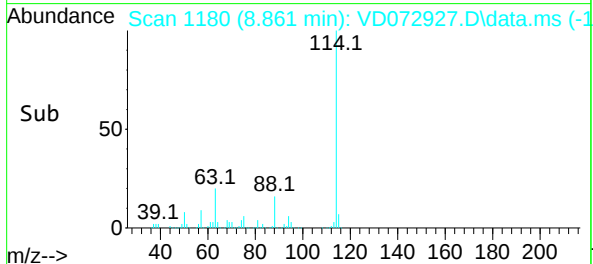
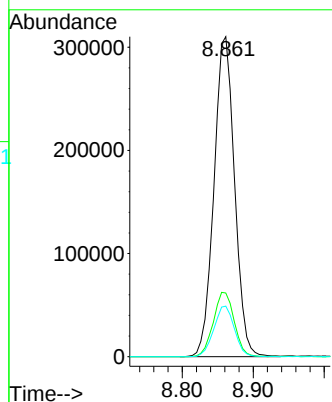
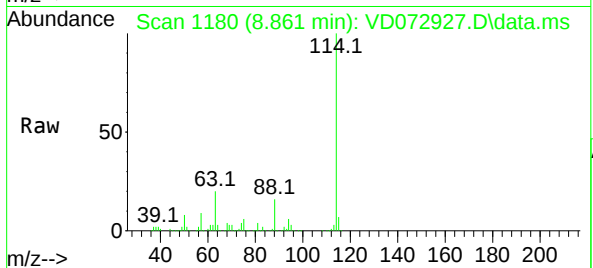
Tgt Ion:114 Resp: 624284

Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.373 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.005 min

Lab File: VD072927.D

Acq: 11 May 2022 13:27

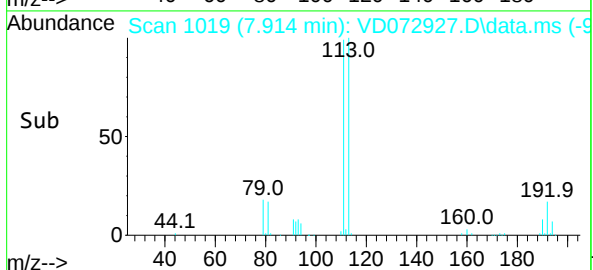
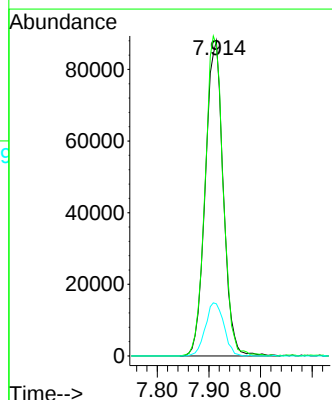
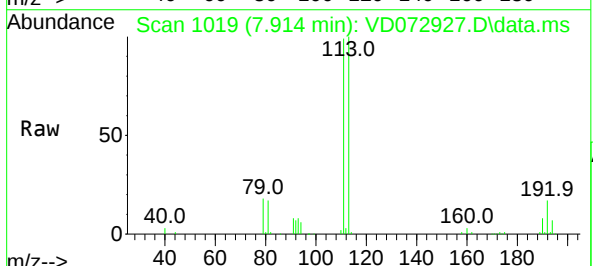
Tgt Ion:113 Resp: 212089

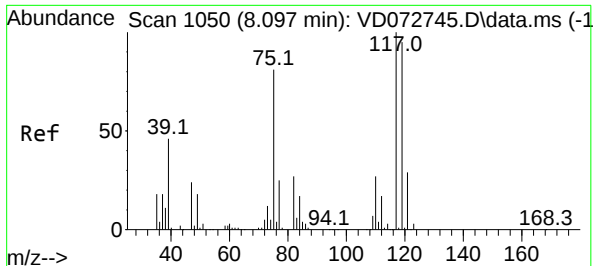
Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 17.5 14.6 21.8

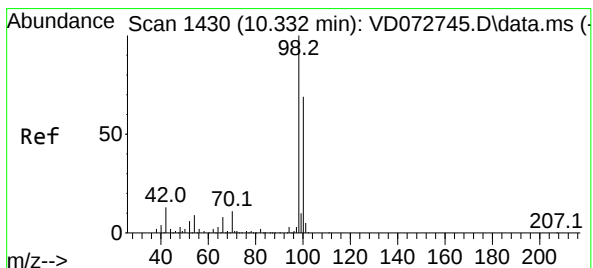
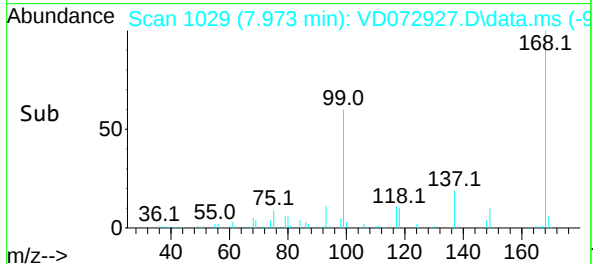
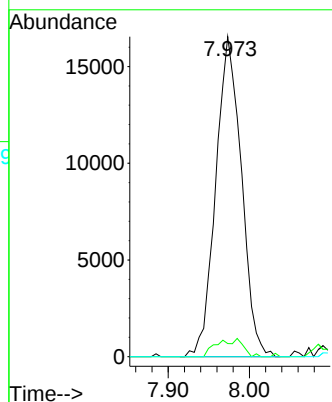
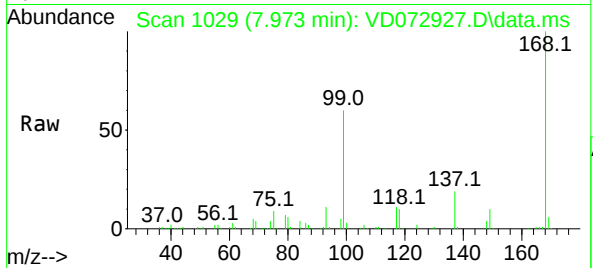




#38
Carbon Tetrachloride
Concen: 4.909 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

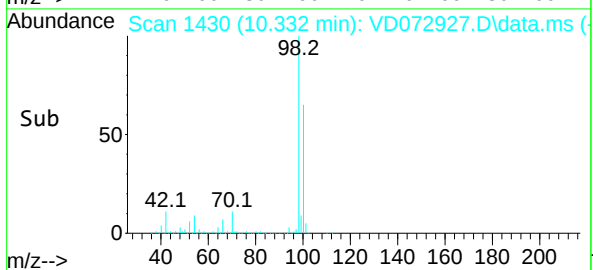
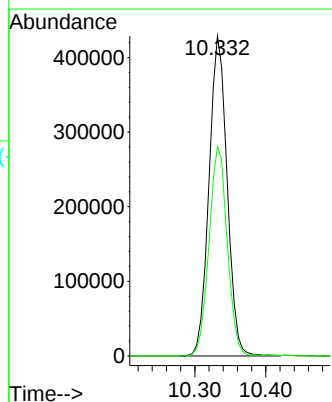
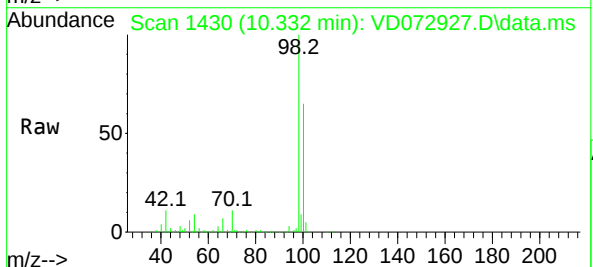
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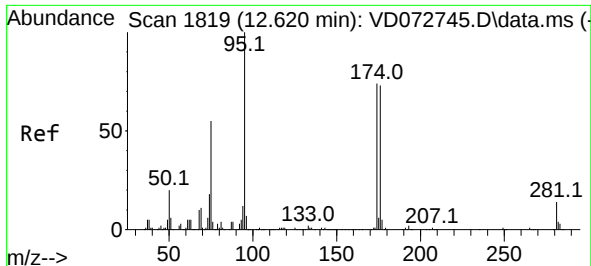
Tgt Ion:117 Resp: 36326
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.237 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

Tgt Ion: 98 Resp: 758638
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

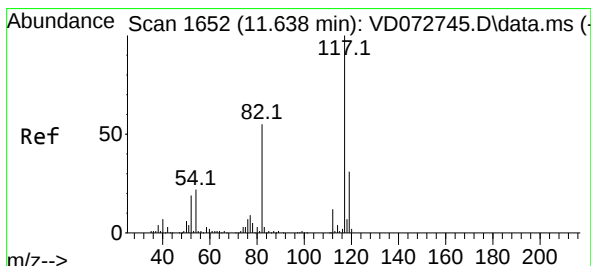
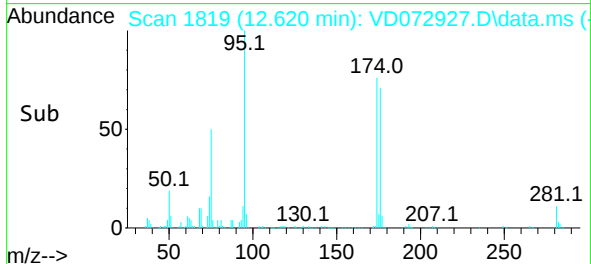
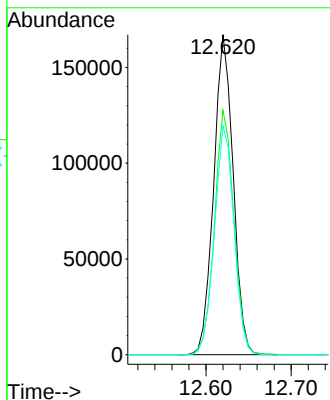
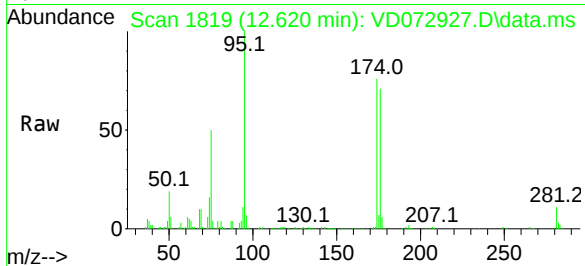




#62
4-Bromofluorobenzene
Concen: 45.167 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

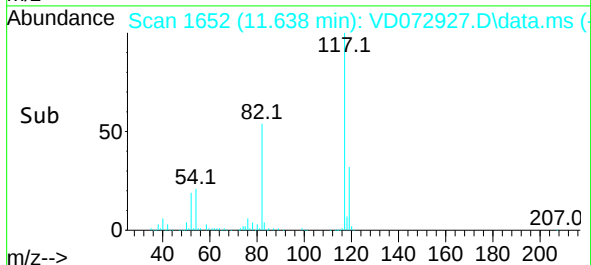
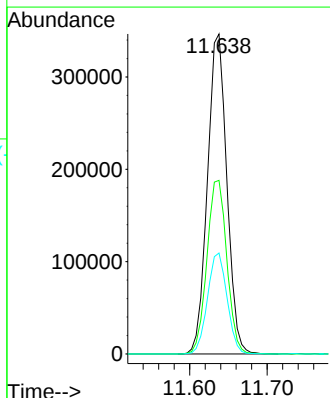
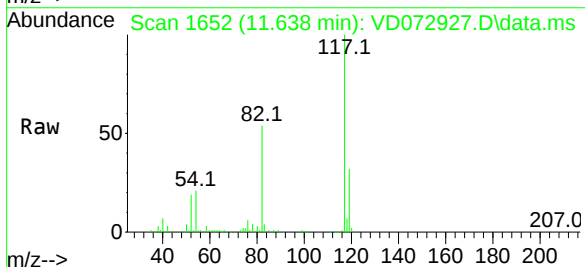
Instrument :
MSVOA_D
ClientSampleId :
P-PARK-1-A

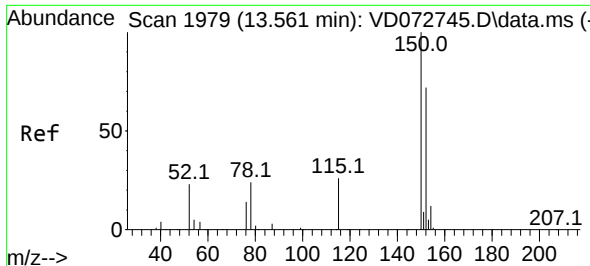
Tgt Ion: 95 Resp: 264875
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 71.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072927.D
Acq: 11 May 2022 13:27

Tgt Ion: 117 Resp: 602570
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 31.5 26.6 40.0

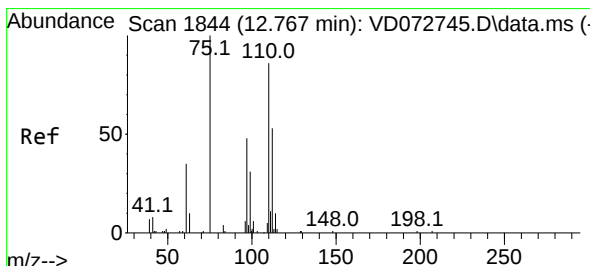
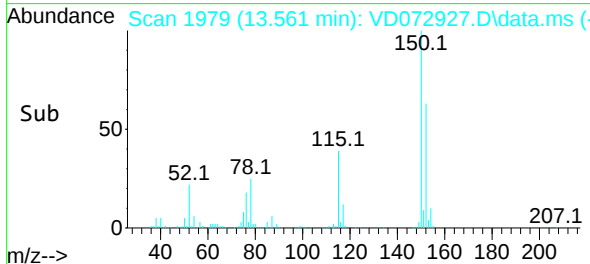
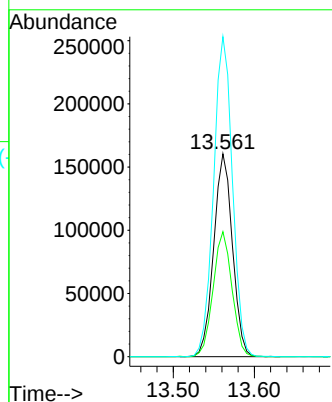
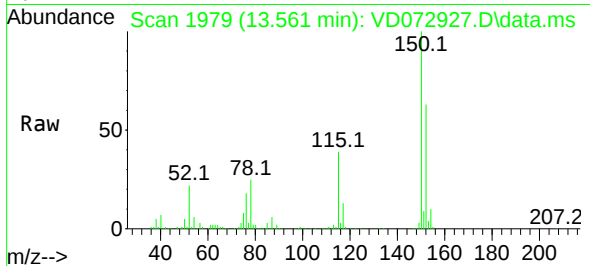




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072927.D
 Acq: 11 May 2022 13:27

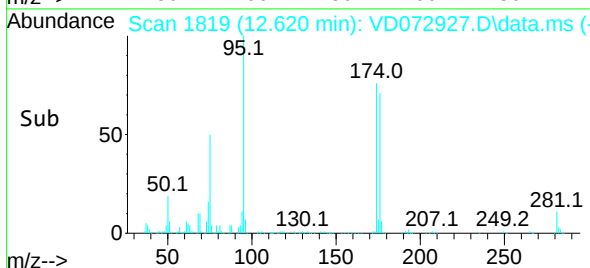
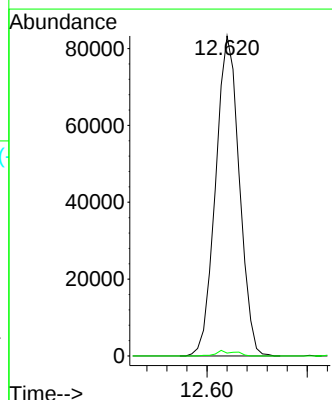
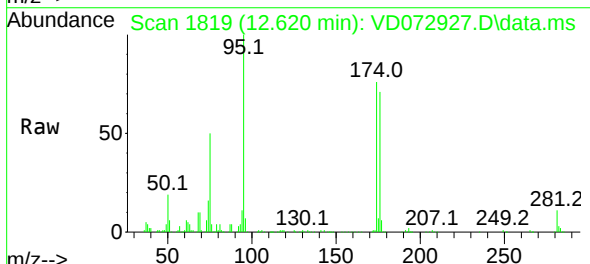
Instrument :
 MSVOA_D
 ClientSampleId :
 P-PARK-1-A

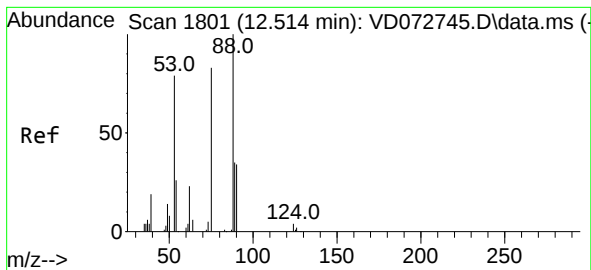
Tgt Ion:152 Resp: 257434
 Ion Ratio Lower Upper
 152 100
 115 62.1 31.3 93.8
 150 159.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 47.544 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072927.D
 Acq: 11 May 2022 13:27

Tgt Ion: 75 Resp: 136479
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.333 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072927.D
 Acq: 11 May 2022 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 P-PARK-1-A

Tgt Ion: 75 Resp: 136479
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.1 33.9 50.9#

