

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072249.D
 Acq On : 17 Mar 2022 17:29
 Operator : VA/SY
 Sample : N1956-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TPK-1

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 18 04:31:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	424841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	714339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	764123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	372299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	210642	44.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.980%
35) Dibromofluoromethane	7.914	113	206439	41.067	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.140%
50) Toluene-d8	10.332	98	895459	48.717	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.440%
62) 4-Bromofluorobenzene	12.626	95	371091	51.959	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	9603m	34.981	ug/l	
16) Acetone	4.156	43	10658	10.368	ug/l	92
17) Carbon Disulfide	4.409	76	5272	2.062	ug/l #	71
51) 4-Methyl-2-Pentanone	10.220	43	42409	13.467	ug/l	96

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

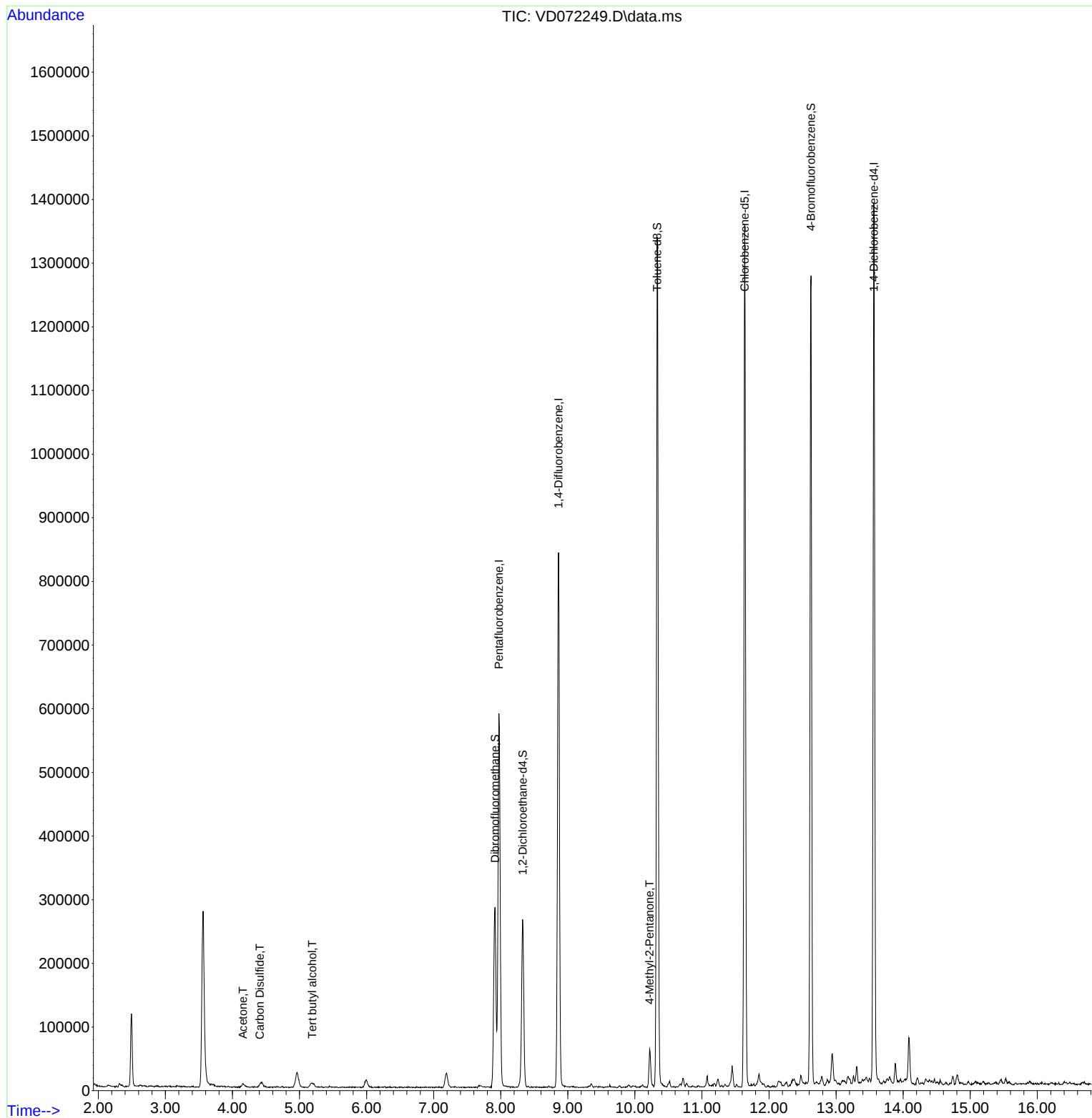
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
Data File : VD072249.D
Acq On : 17 Mar 2022 17:29
Operator : VA/SY
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Misc : 5.06G/5.00ml/MSVOA_D/SOIL
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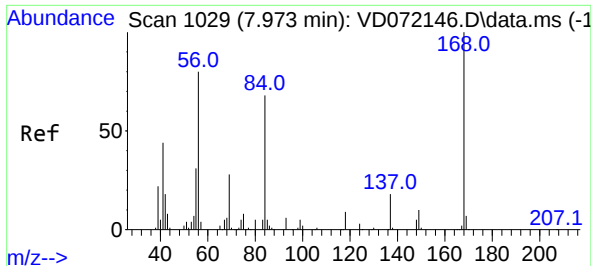
Instrument :
MSVOA_D
ClientSampleId :
TPK-1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
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QLast Update : Mon Mar 14 05:18:06 2022
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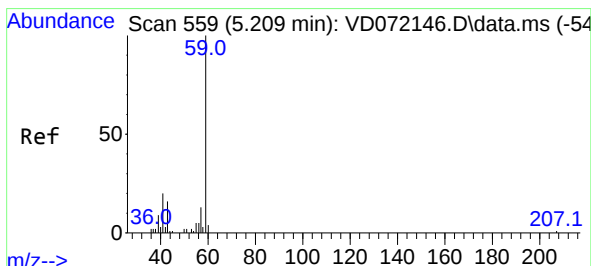
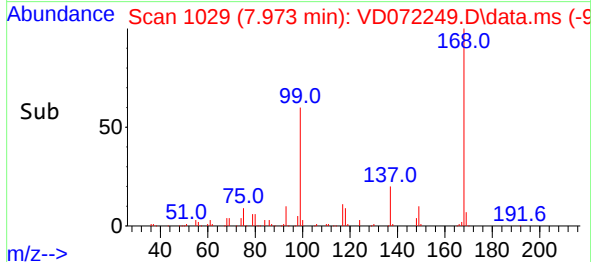
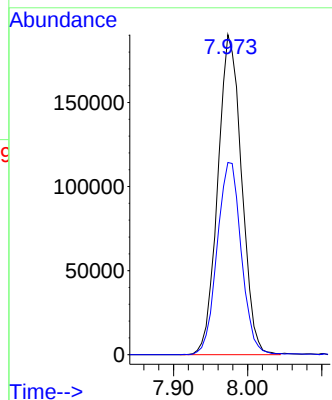
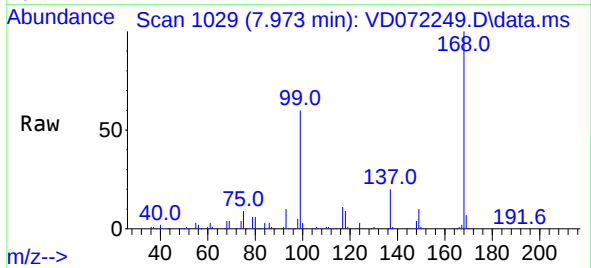
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072249.D
Acq: 17 Mar 2022 17:29

Instrument :
MSVOA_D
ClientSampleId :
TPK-1

Tgt Ion:168 Resp: 42484
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6

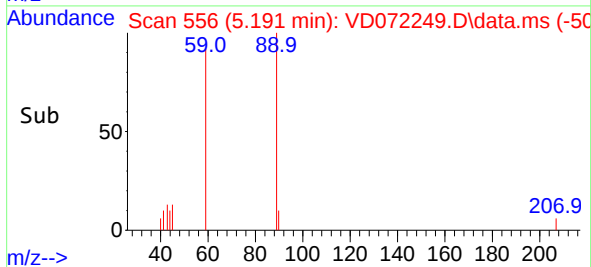
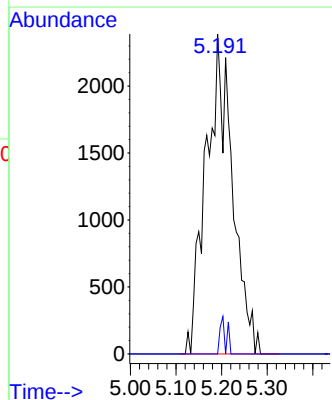
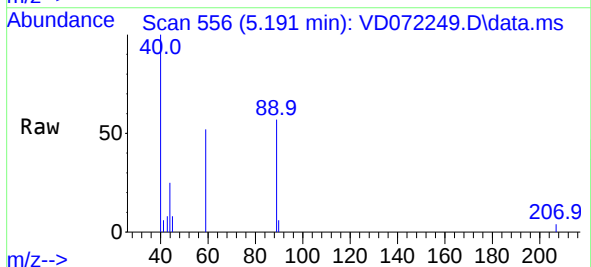
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#11
Tert butyl alcohol
Concen: 34.981 ug/l m
RT: 5.191 min Scan# 556
Delta R.T. -0.018 min
Lab File: VD072249.D
Acq: 17 Mar 2022 17:29

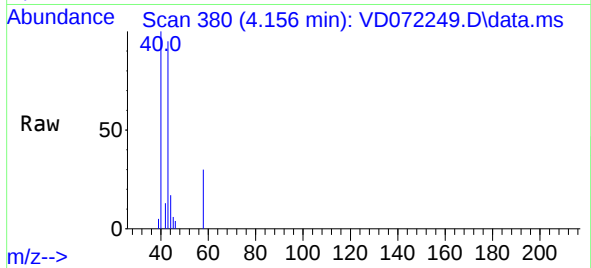
Tgt Ion: 59 Resp: 9603
Ion Ratio Lower Upper
59 100
57 2.6 7.8 11.6#





#16
Acetone
Concen: 10.368 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072249.D
Acq: 17 Mar 2022 17:29

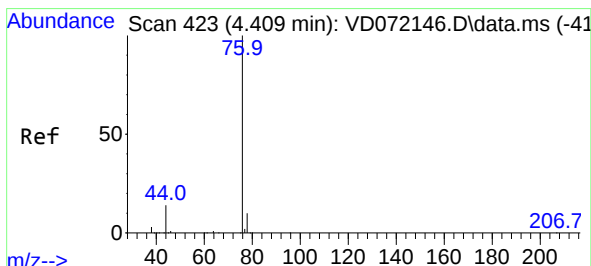
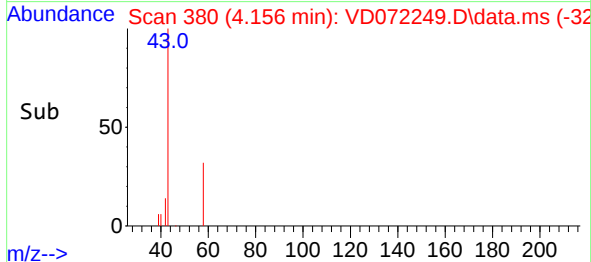
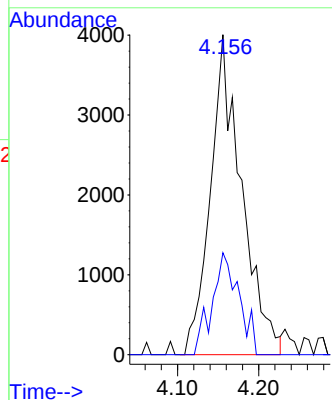
Instrument :
MSVOA_D
Client Sample Id :
TPK-1



Tgt Ion: 43 Resp: 10658
Ion Ratio Lower Upper
43 100
58 31.9 22.1 33.1

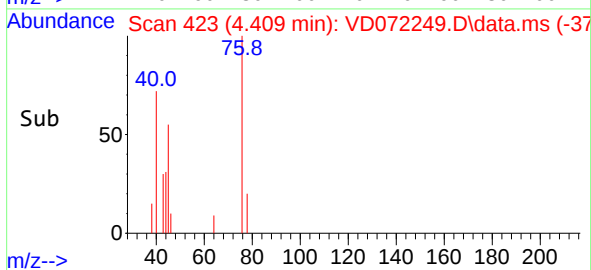
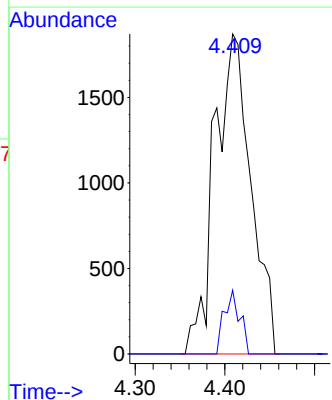
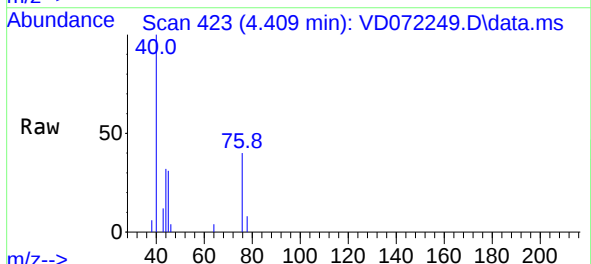
Manual Integrations
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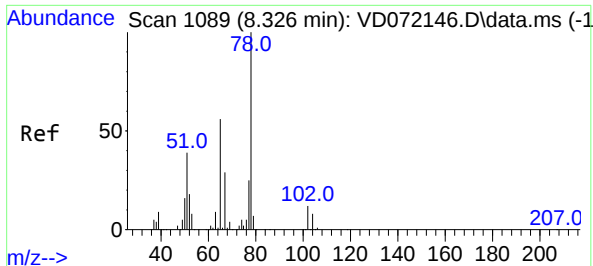
Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022



#17
Carbon Disulfide
Concen: 2.062 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072249.D
Acq: 17 Mar 2022 17:29

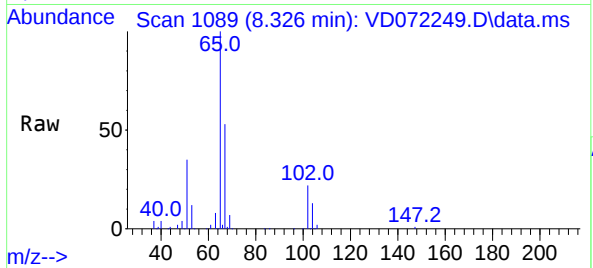
Tgt Ion: 76 Resp: 5272
Ion Ratio Lower Upper
76 100
78 19.9 7.5 11.3#





#33
1,2-Dichloroethane-d4
Concen: 44.490 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072249.D
Acq: 17 Mar 2022 17:29

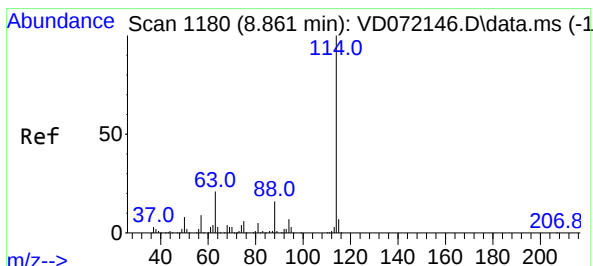
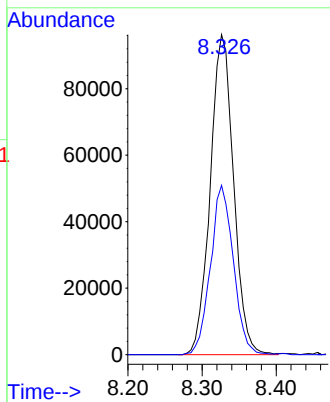
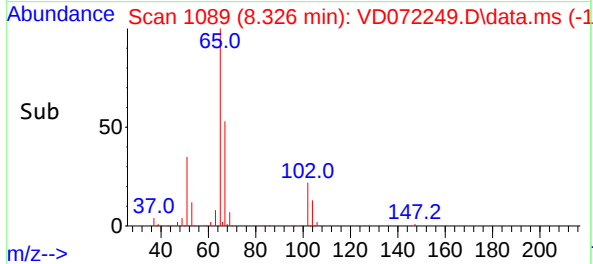
Instrument :
MSVOA_D
ClientSampleId :
TPK-1



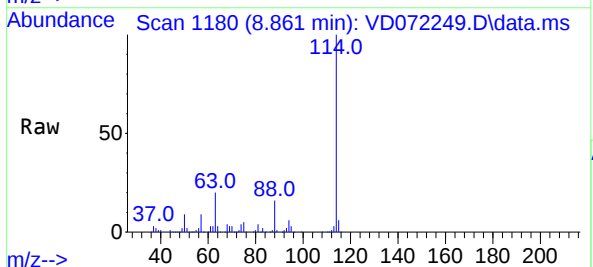
Tgt Ion: 65 Resp: 21064
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.4

Manual Integrations
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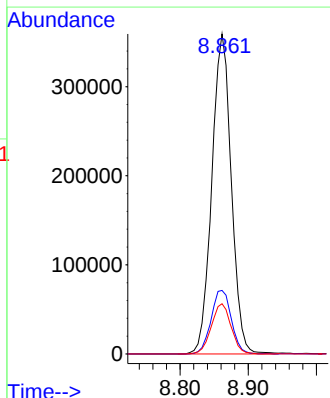
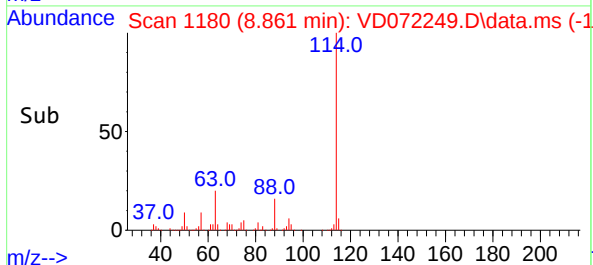
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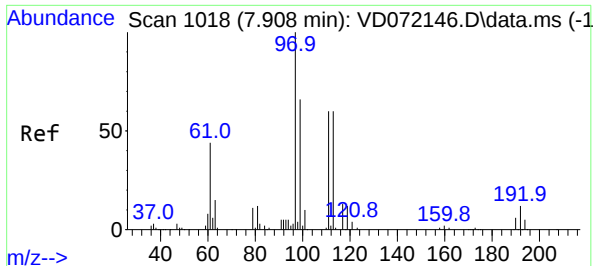


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072249.D
Acq: 17 Mar 2022 17:29



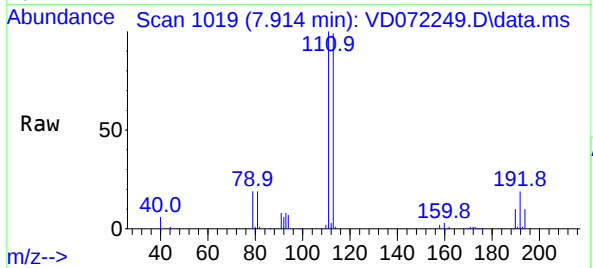
Tgt Ion:114 Resp: 714339
Ion Ratio Lower Upper
114 100
63 19.9 0.0 46.6
88 15.7 0.0 33.2





#35
Dibromofluoromethane
Concen: 41.067 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072249.D
Acq: 17 Mar 2022 17:29

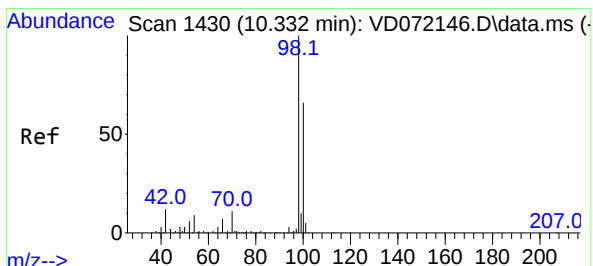
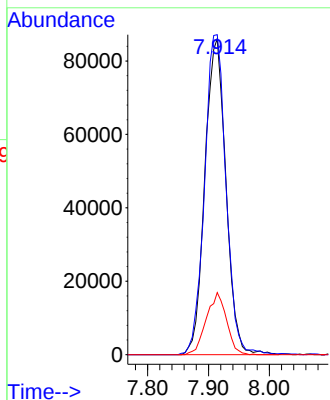
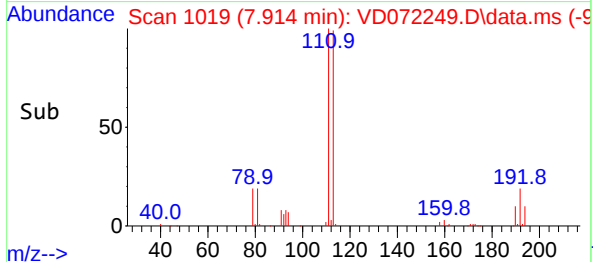
Instrument :
MSVOA_D
ClientSampleId :
TPK-1



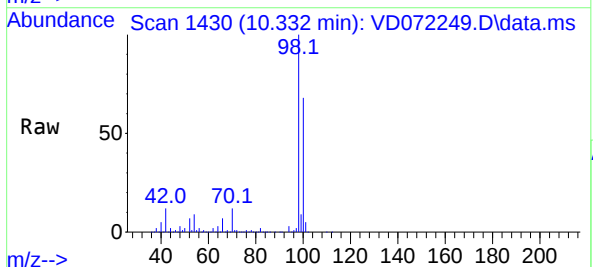
Tgt Ion:113 Resp: 206439
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 18.9 14.6 21.8

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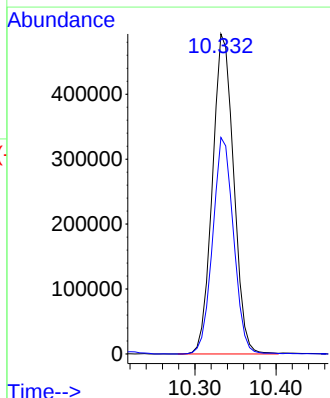
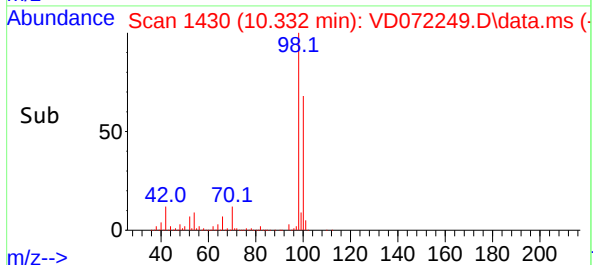
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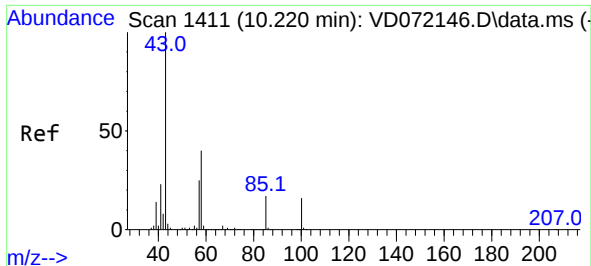


#50
Toluene-d8
Concen: 48.717 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072249.D
Acq: 17 Mar 2022 17:29



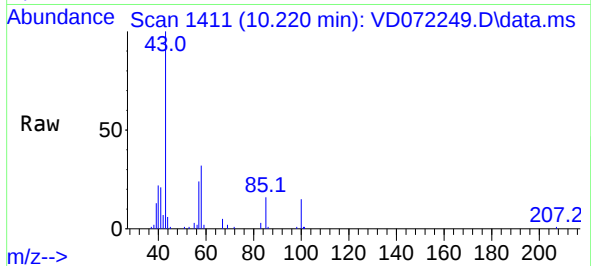
Tgt Ion: 98 Resp: 895459
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 13.467 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072249.D
Acq: 17 Mar 2022 17:29

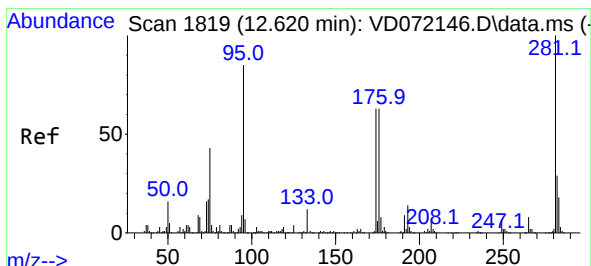
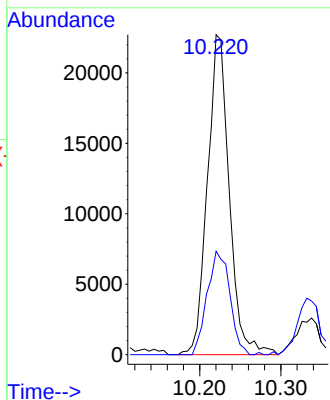
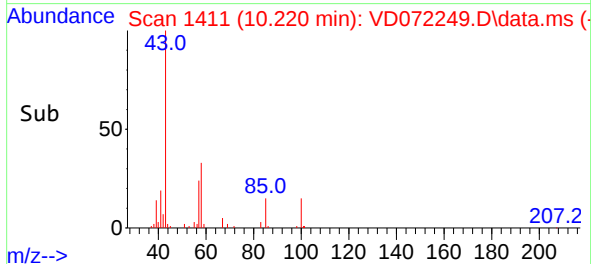
Instrument :
MSVOA_D
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TPK-1



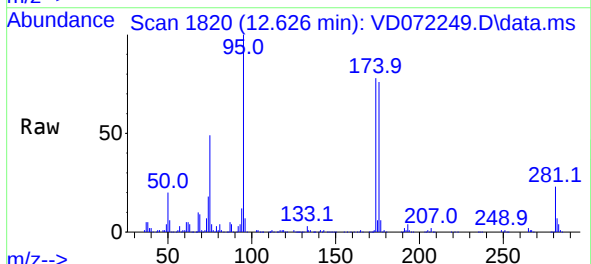
Tgt Ion: 43 Resp: 42409
Ion Ratio Lower Upper
43 100
58 33.6 28.6 43.0

Manual Integrations
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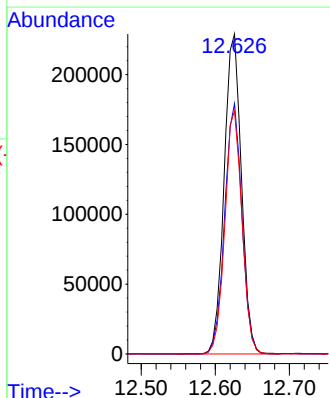
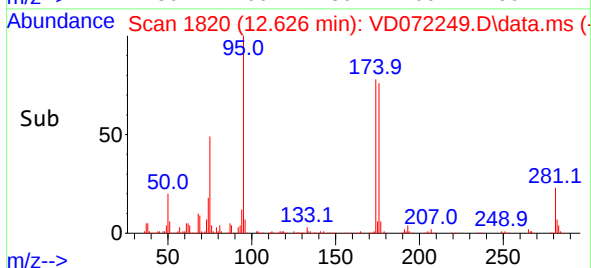
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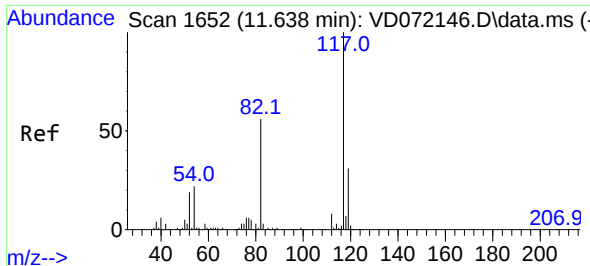


#62
4-Bromofluorobenzene
Concen: 51.959 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072249.D
Acq: 17 Mar 2022 17:29



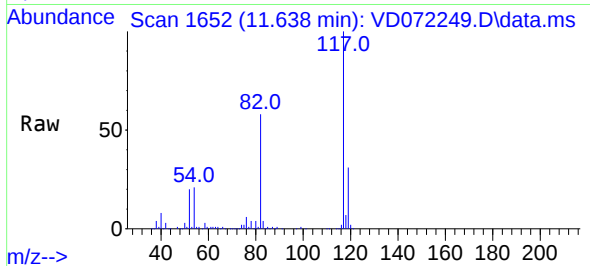
Tgt Ion: 95 Resp: 371091
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 75.0 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072249.D
Acq: 17 Mar 2022 17:29

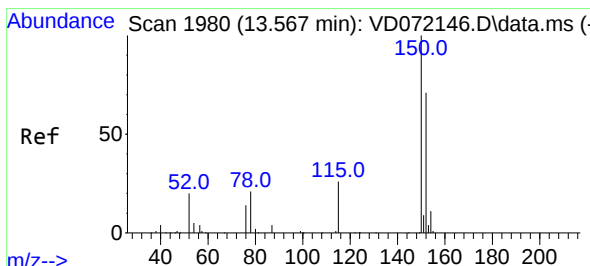
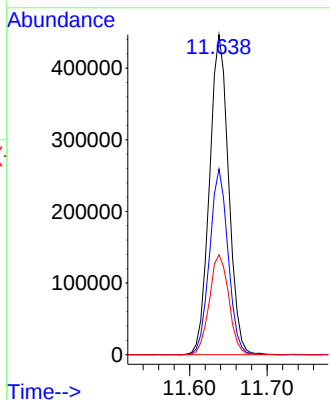
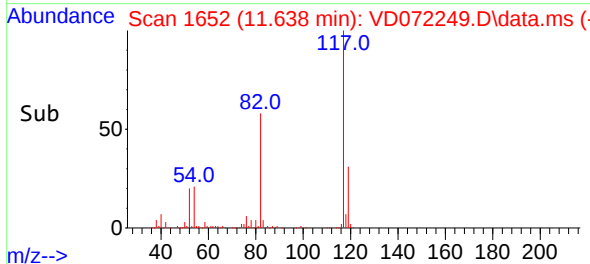
Instrument :
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ClientSampleId :
TPK-1



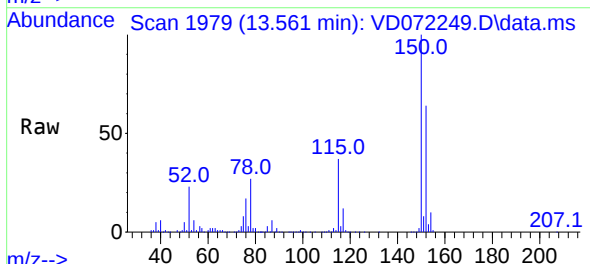
Tgt Ion:117 Resp: 764123
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 31.2 26.6 40.0

Manual Integrations
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Supervised By :Mahesh Dadoda 03/18/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072249.D
Acq: 17 Mar 2022 17:29



Tgt Ion:152 Resp: 372299
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 156.5 0.0 348.6

