

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076418.D
 Acq On : 14 Jun 2023 15:04
 Operator : KP/SY
 Sample : 03214-01RE
 Misc : 4.32G/5.04ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HYATT-PIPE-TP

Quant Time: Jun 15 05:33:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 13 02:01:34 2023
 Response via : Initial Calibration

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

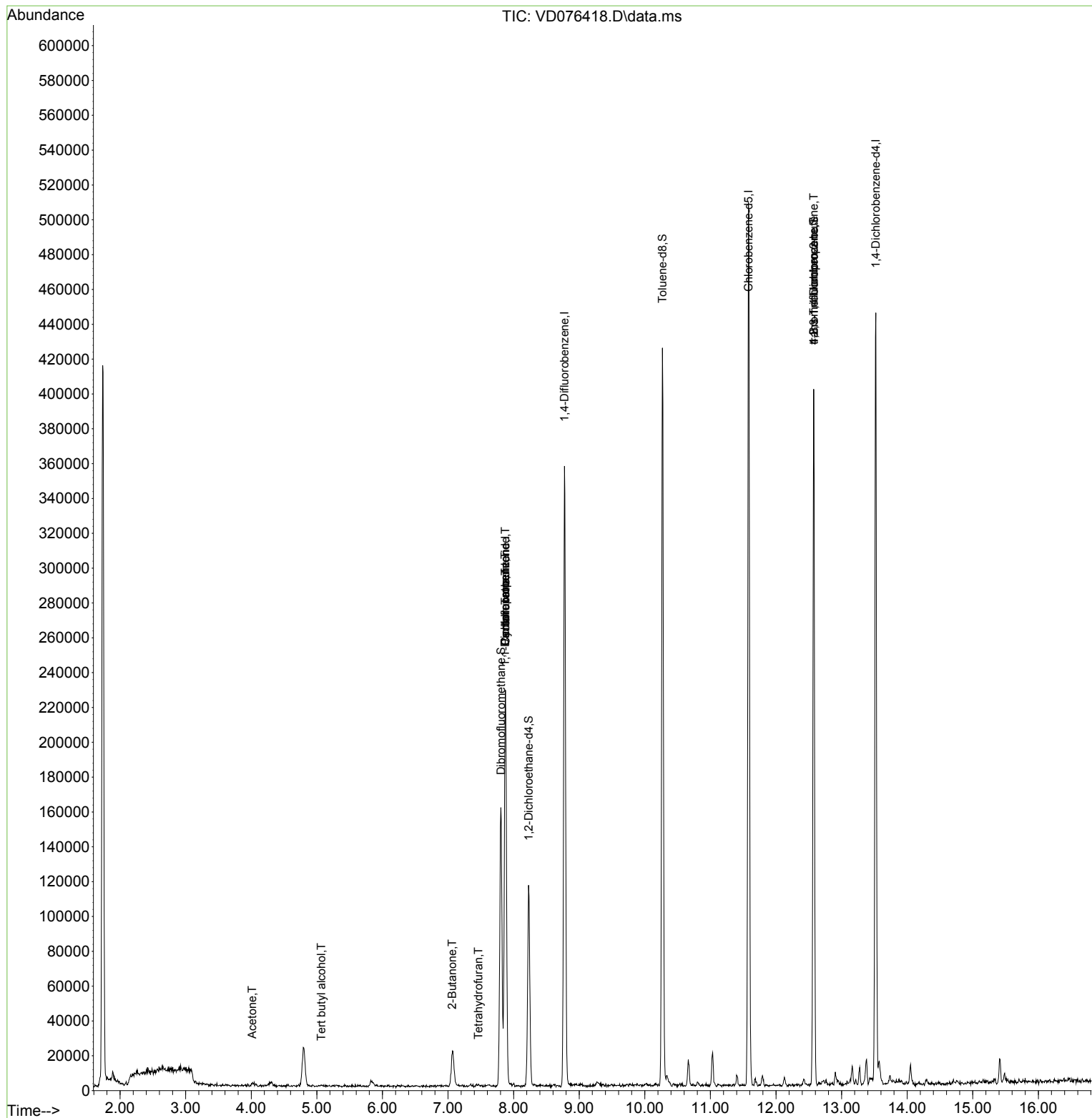
Internal Standards						
1) Pentafluorobenzene	7.875	168	186010	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	315930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	289653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	119305	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85395	39.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.500%
35) Dibromofluoromethane	7.810	113	114356	56.005	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.000%
50) Toluene-d8	10.269	98	292483	37.799	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.600%
62) 4-Bromofluorobenzene	12.575	95	113852	42.889	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.780%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.069	59	207	1.153	ug/l	# 73
16) Acetone	4.016	43	3702	7.838	ug/l	# 68
25) 2-Butanone	7.063	43	1411	1.910	ug/l	# 37
28) Bromochloromethane	7.440	49	746	Below Cal	#	37
29) Tetrahydrofuran	7.463	42	494	1.048	ug/l	# 30
31) Cyclohexane	7.875	56	4897	1.425	ug/l	# 55
36) 1,1-Dichloropropene	7.869	75	13964	4.685	ug/l	# 48
38) Carbon Tetrachloride	7.875	117	17603	6.362	ug/l	# 16
76) 1,2,3-Trichloropropane	12.575	75	61813	55.420	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	61813	99.226	ug/l	# 17

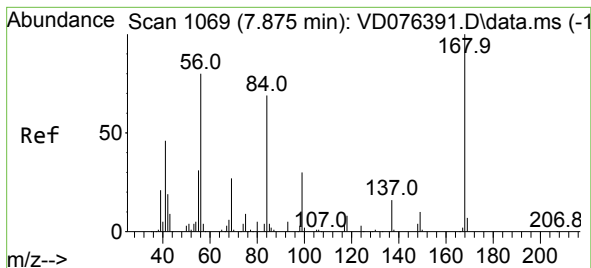
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 05:33:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061223S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 13 02:01:34 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076418.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_D

ClientSampleId :

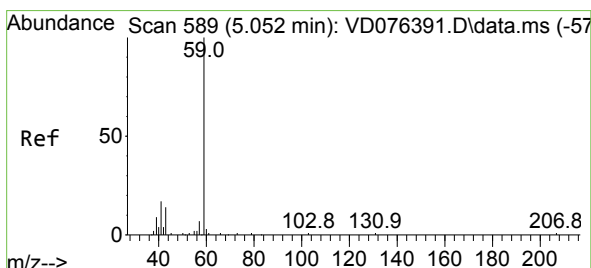
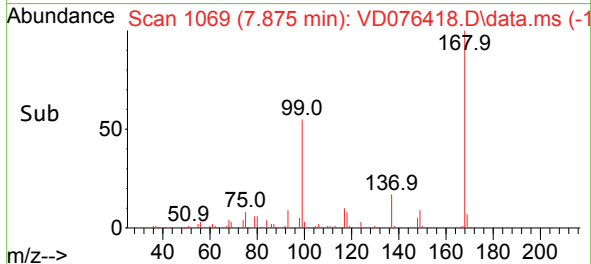
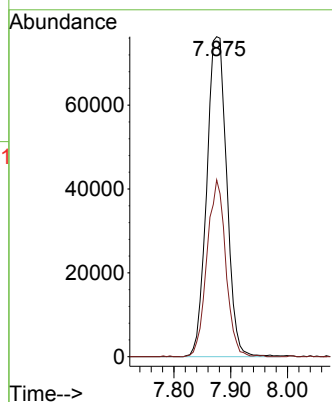
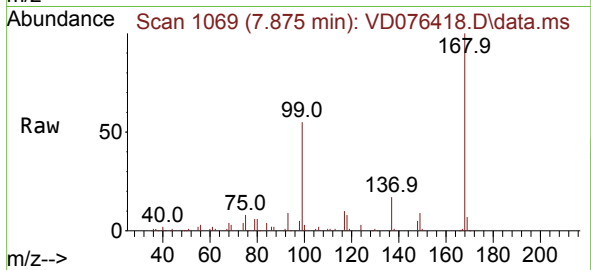
HYATT-PIPE-TP

Tgt Ion:168 Resp: 186010

Ion Ratio Lower Upper

168 100

99 55.2 36.7 55.1#



#11

Tert butyl alcohol

Concen: 1.153 ug/l

RT: 5.069 min Scan# 592

Delta R.T. 0.018 min

Lab File: VD076418.D

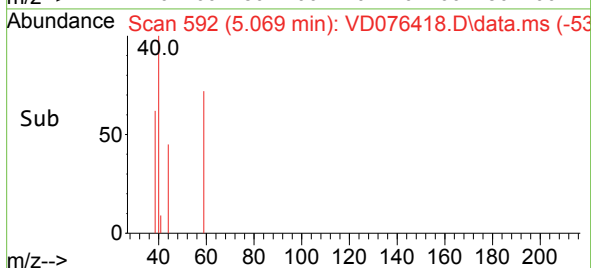
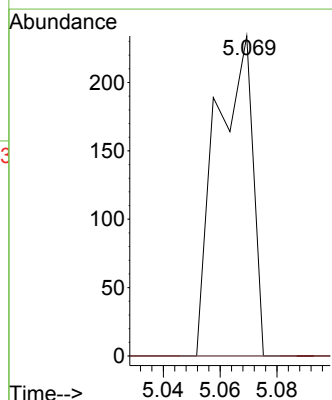
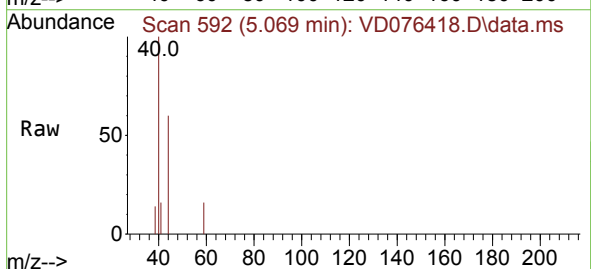
Acq: 14 Jun 2023 15:04

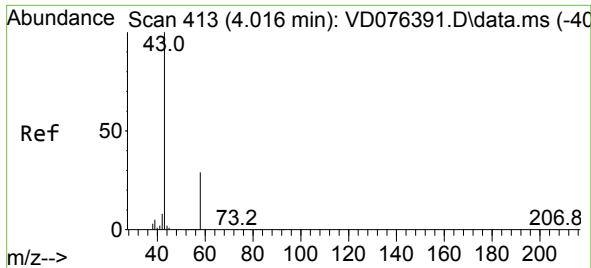
Tgt Ion: 59 Resp: 207

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

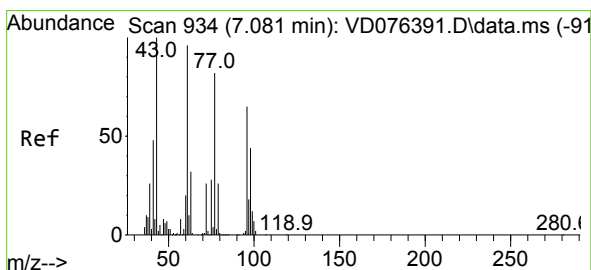
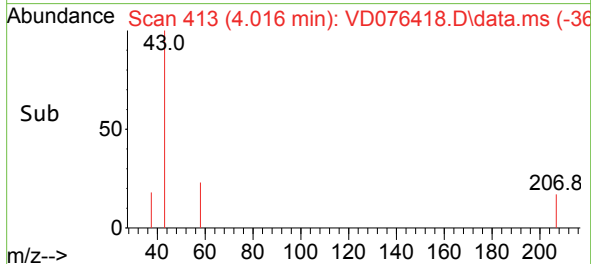
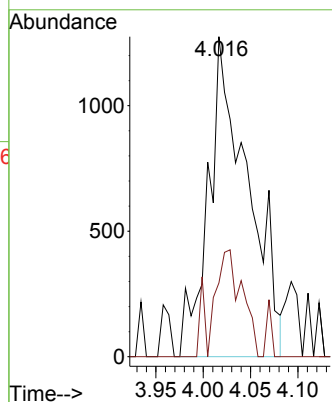
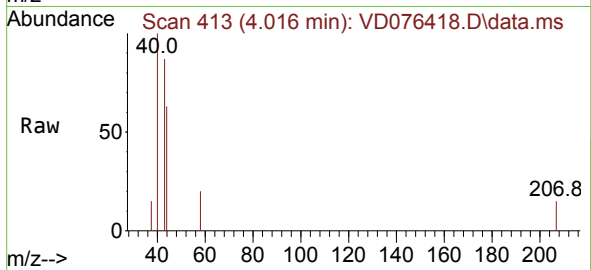




#16
Acetone
Concen: 7.838 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD076418.D
Acq: 14 Jun 2023 15:04

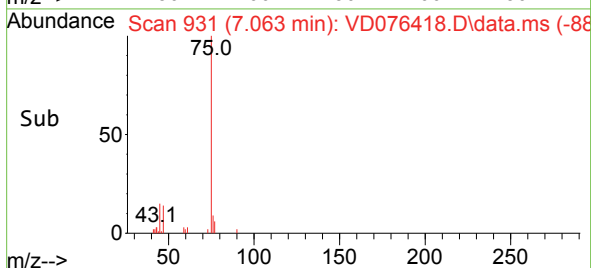
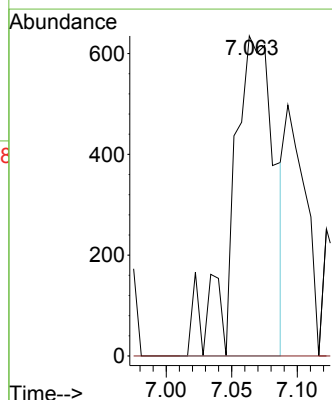
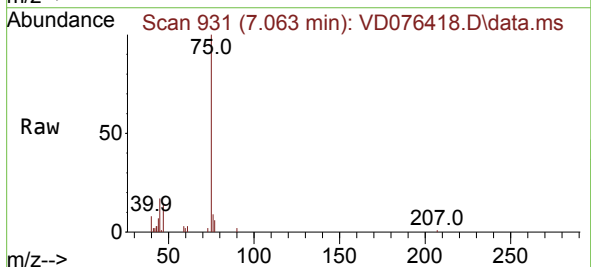
Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

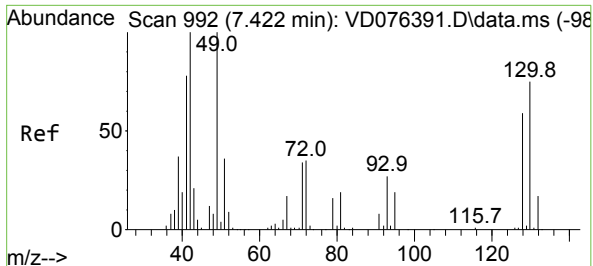
Tgt Ion: 43 Resp: 3702
Ion Ratio Lower Upper
43 100
58 23.1 34.7 52.1#



#25
2-Butanone
Concen: 1.910 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.017 min
Lab File: VD076418.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 43 Resp: 1411
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#





#28

Bromochloromethane

Concen: Below Cal

RT: 7.440 min Scan# 995

Delta R.T. 0.018 min

Lab File: VD076418.D

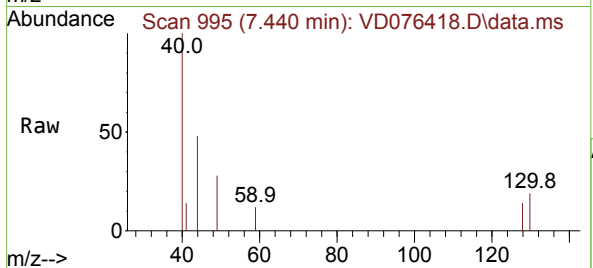
Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_D

ClientSampleId :

HYATT-PIPE-TP



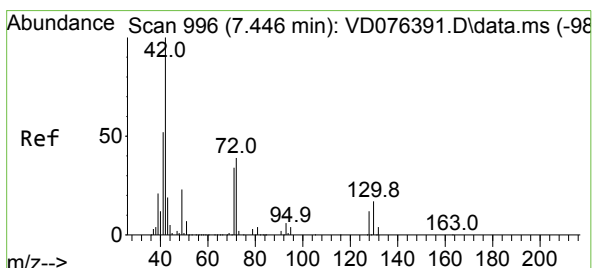
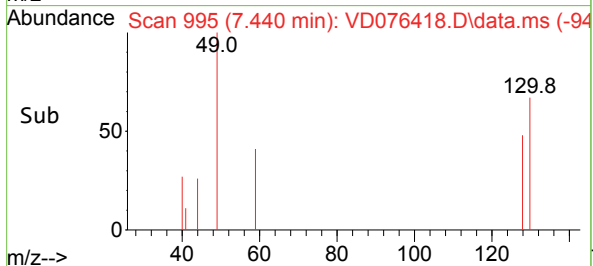
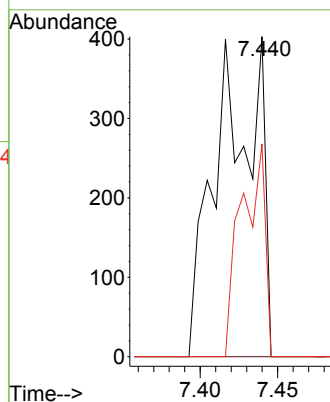
Tgt Ion: 49 Resp: 746

Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

130 38.2 83.2 124.8#



#29

Tetrahydrofuran

Concen: 1.048 ug/l

RT: 7.463 min Scan# 999

Delta R.T. 0.018 min

Lab File: VD076418.D

Acq: 14 Jun 2023 15:04

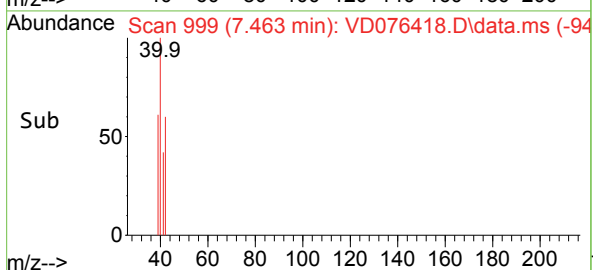
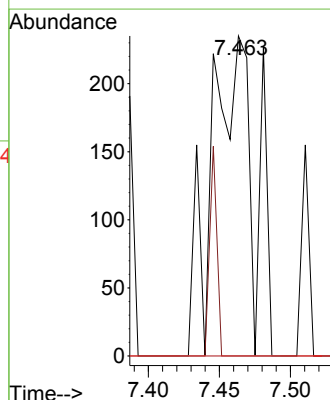
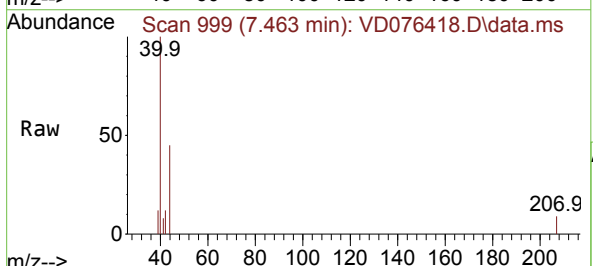
Tgt Ion: 42 Resp: 494

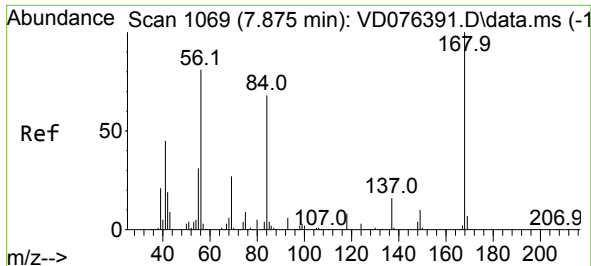
Ion Ratio Lower Upper

42 100

72 10.9 46.5 69.7#

71 0.0 44.5 66.7#

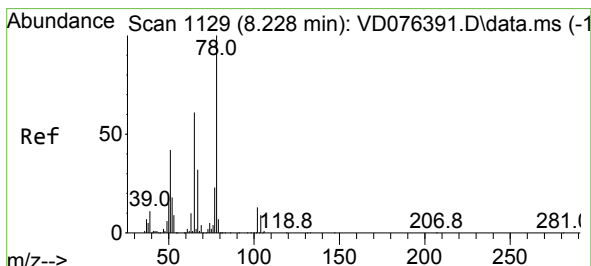
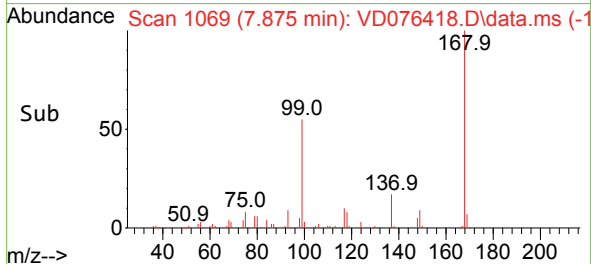
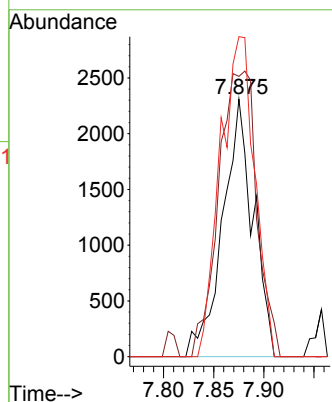
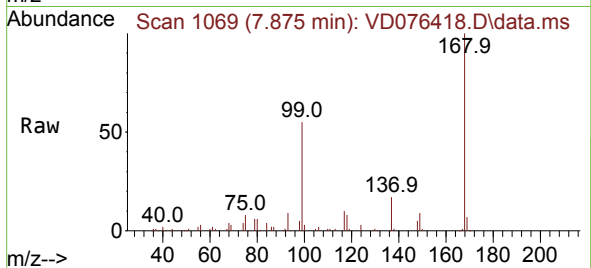




#31
Cyclohexane
Concen: 1.425 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076418.D
Acq: 14 Jun 2023 15:04

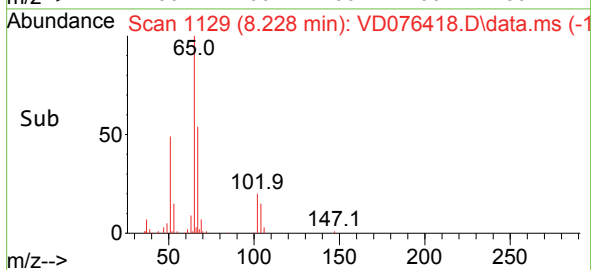
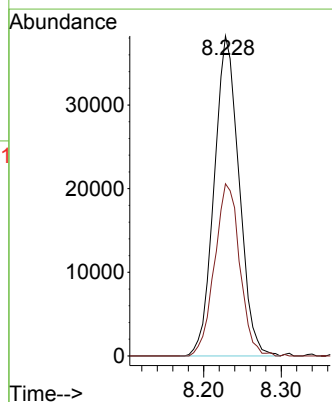
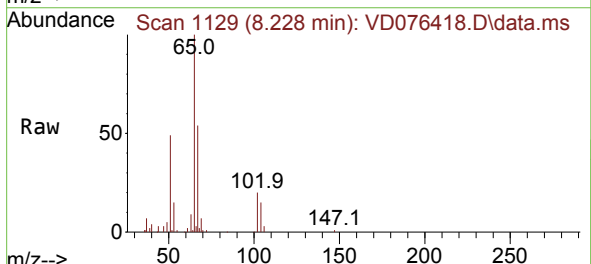
Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

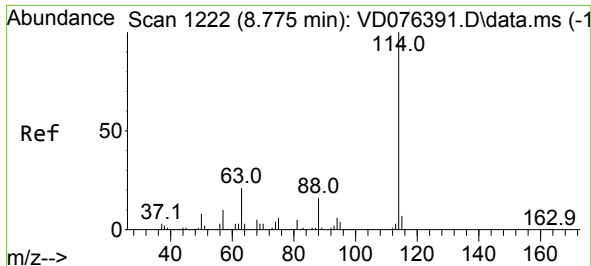
Tgt Ion: 56 Resp: 4897
Ion Ratio Lower Upper
56 100
69 108.9 28.6 43.0#
84 124.3 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 39.747 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076418.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 65 Resp: 85395
Ion Ratio Lower Upper
65 100
67 54.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076418.D

Acq: 14 Jun 2023 15:04

Instrument :

MSVOA_D

ClientSampleId :

HYATT-PIPE-TP

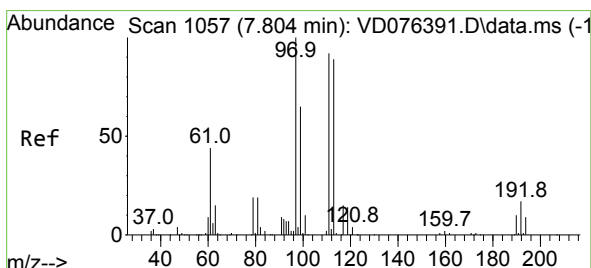
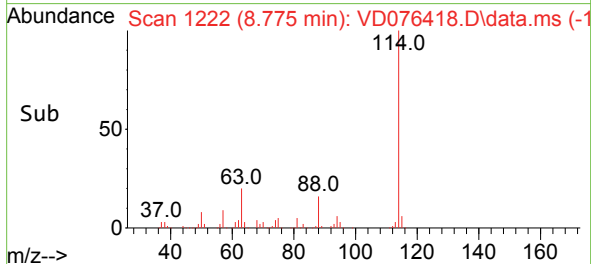
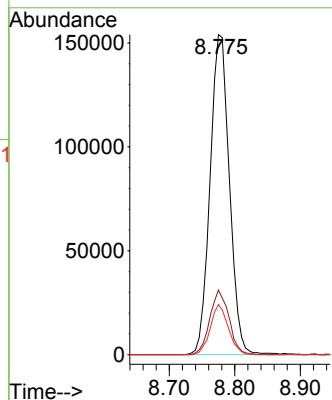
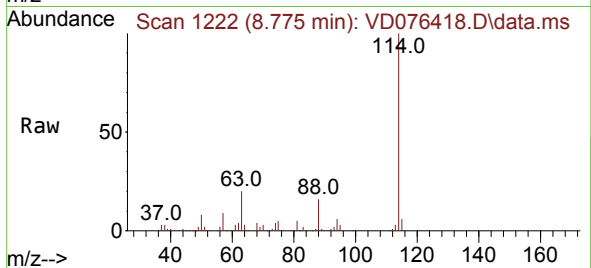
Tgt Ion:114 Resp: 315930

Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 15.7 0.0 26.2



#35

Dibromofluoromethane

Concen: 56.005 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD076418.D

Acq: 14 Jun 2023 15:04

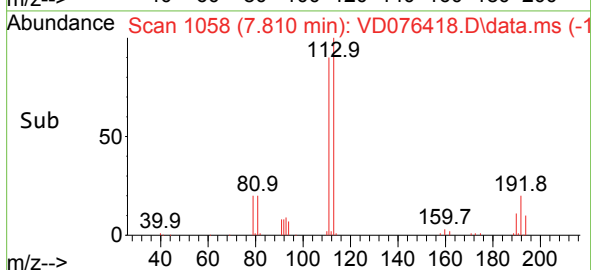
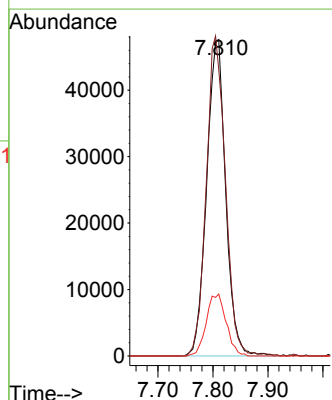
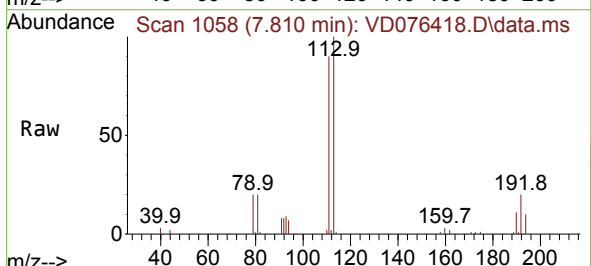
Tgt Ion:113 Resp: 114356

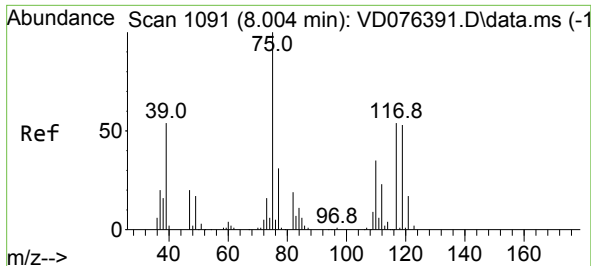
Ion Ratio Lower Upper

113 100

111 101.9 84.7 127.1

192 20.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.685 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD076418.D

Acq: 14 Jun 2023 15:04

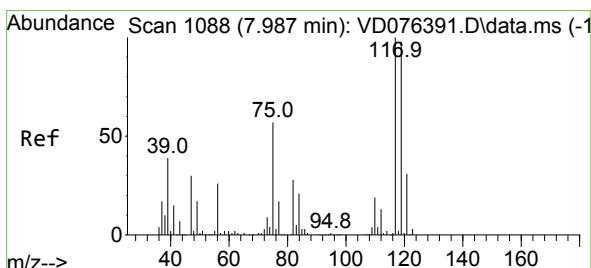
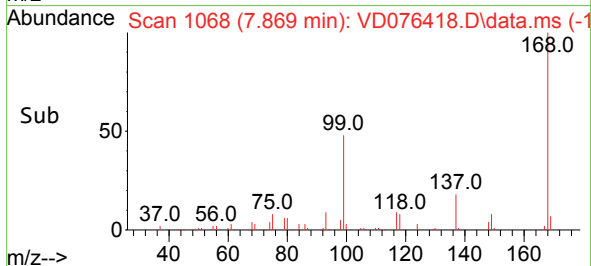
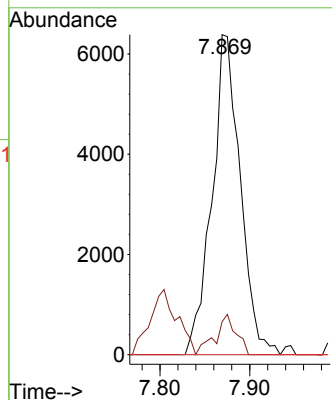
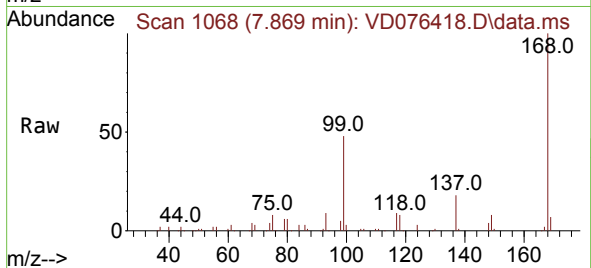
Instrument :

MSVOA_D

ClientSampleId :

HYATT-PIPE-TP

Tgt Ion: 75	Resp: 13964
Ion Ratio	Lower Upper
75 100	
110 9.2	19.9 59.6#
77 0.0	24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.362 ug/l

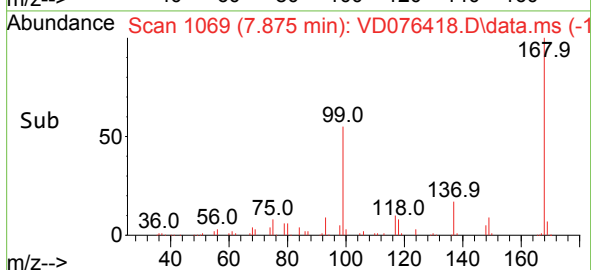
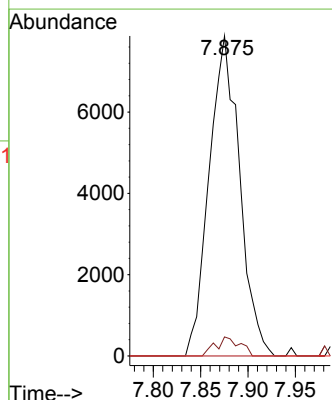
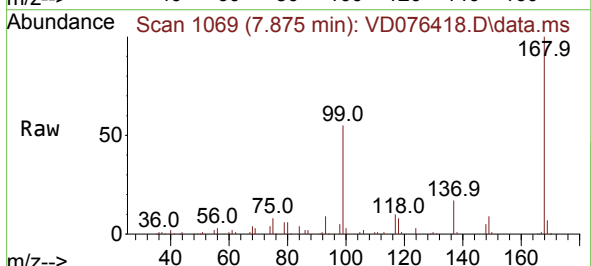
RT: 7.875 min Scan# 1069

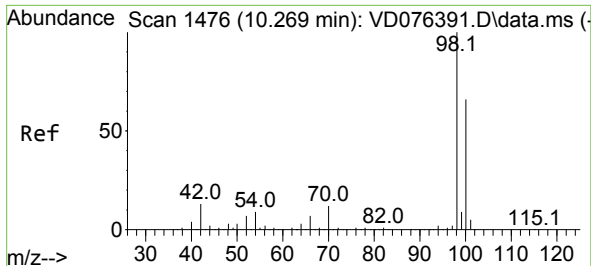
Delta R.T. -0.112 min

Lab File: VD076418.D

Acq: 14 Jun 2023 15:04

Tgt Ion: 117	Resp: 17603
Ion Ratio	Lower Upper
117 100	
119 5.9	78.0 117.0#
121 0.0	24.2 36.2#

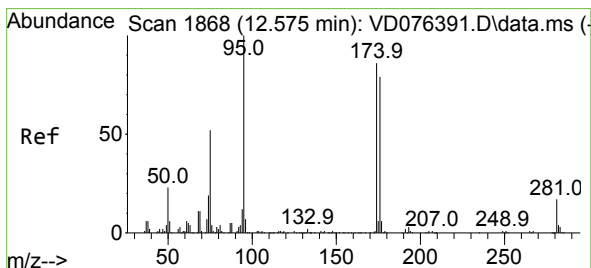
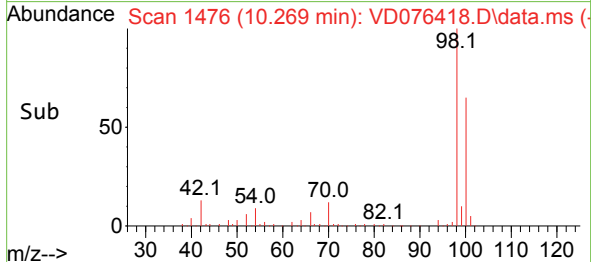
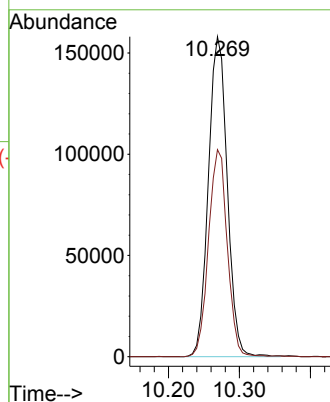
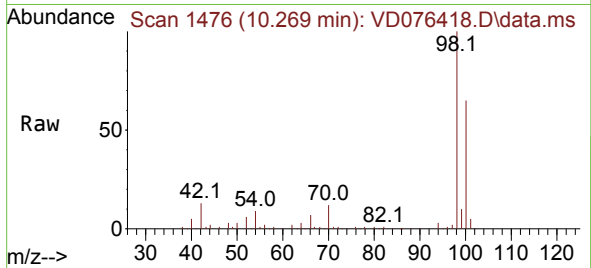




#50
Toluene-d8
Concen: 37.799 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076418.D
Acq: 14 Jun 2023 15:04

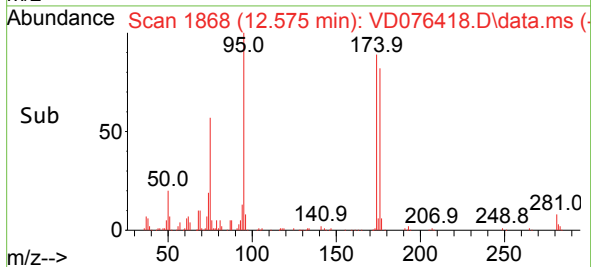
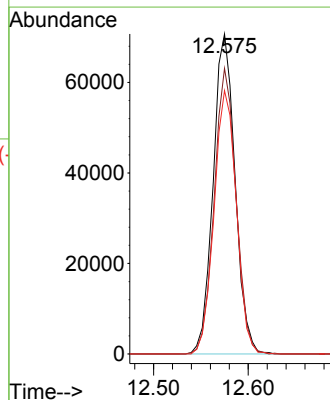
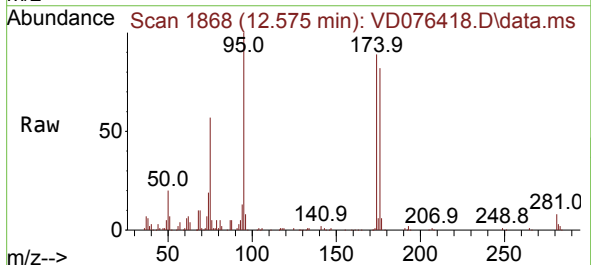
Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

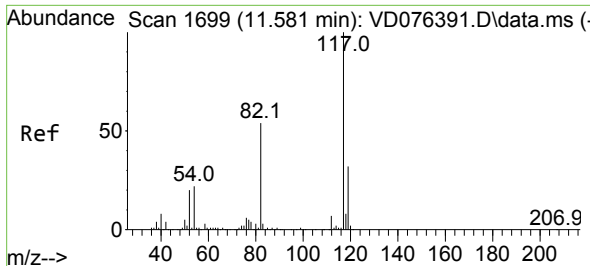
Tgt Ion: 98 Resp: 292483
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.889 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076418.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 95 Resp: 113852
Ion Ratio Lower Upper
95 100
174 88.9 0.0 201.8
176 83.7 0.0 191.8

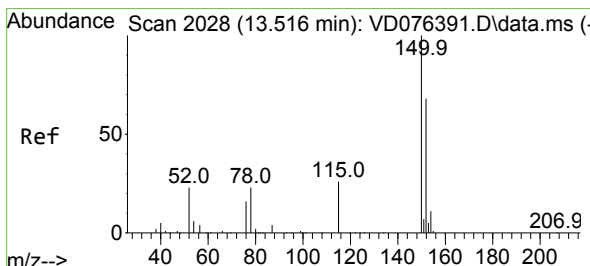
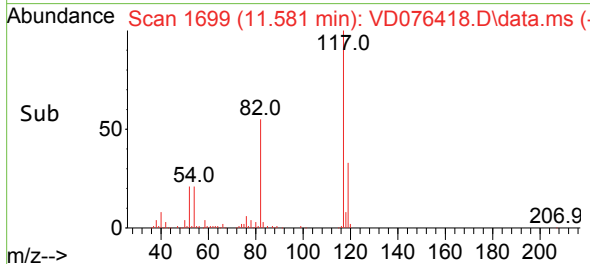
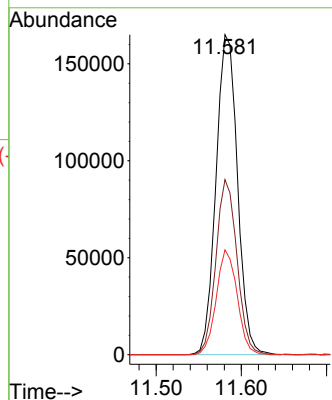
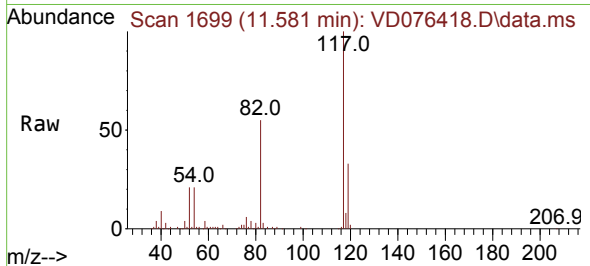




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076418.D
Acq: 14 Jun 2023 15:04

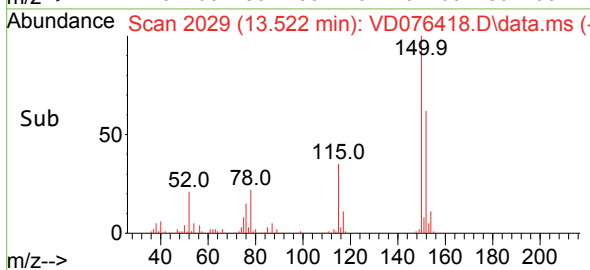
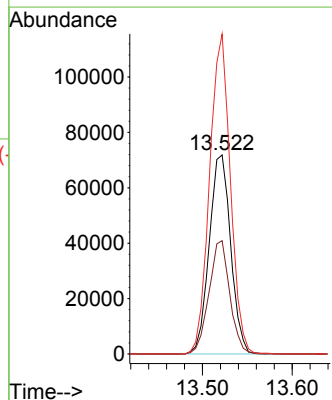
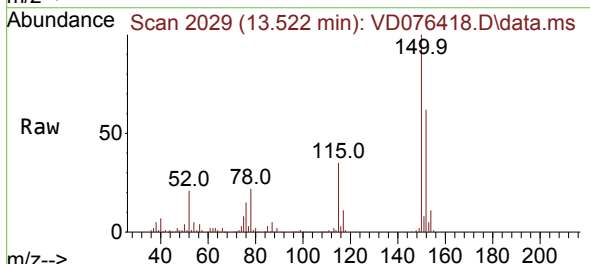
Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

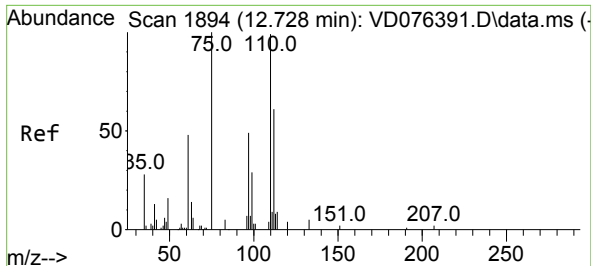
Tgt Ion:117 Resp: 289653
Ion Ratio Lower Upper
117 100
82 54.7 38.3 57.5
119 32.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076418.D
Acq: 14 Jun 2023 15:04

Tgt Ion:152 Resp: 119305
Ion Ratio Lower Upper
152 100
115 55.2 27.1 81.3
150 155.2 0.0 353.6

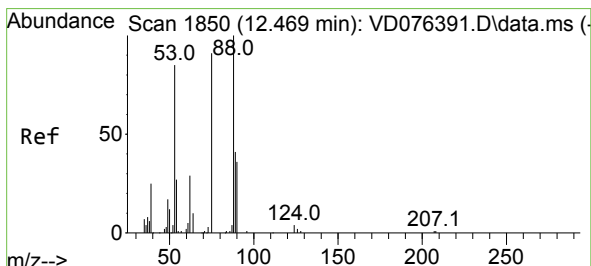
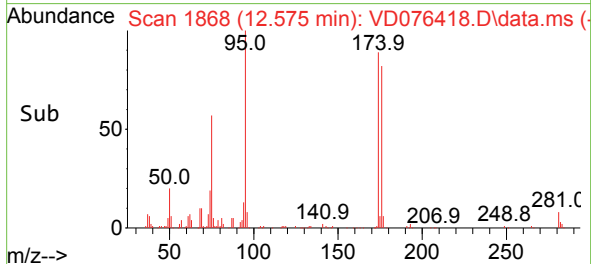
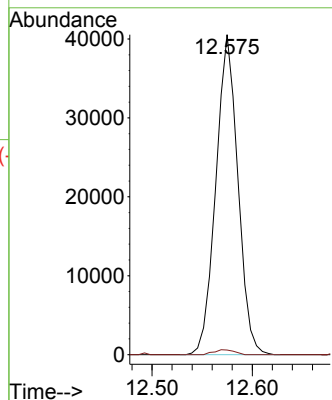
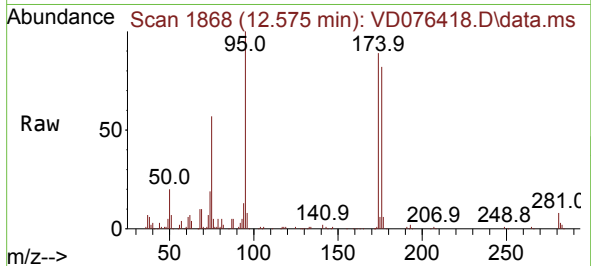




#76
1,2,3-Trichloropropane
Concen: 55.420 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076418.D
Acq: 14 Jun 2023 15:04

Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

Tgt Ion: 75 Resp: 61813
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.226 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076418.D
Acq: 14 Jun 2023 15:04

Tgt Ion: 75 Resp: 61813
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#

