

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061423\
 Data File : VD076415.D
 Acq On : 14 Jun 2023 13:34
 Operator : KP/SY
 Sample : 03214-01
 Misc : 4.26G/5.04ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HYATT-PIPE-TP

Quant Time: Jun 15 05:31:56 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)

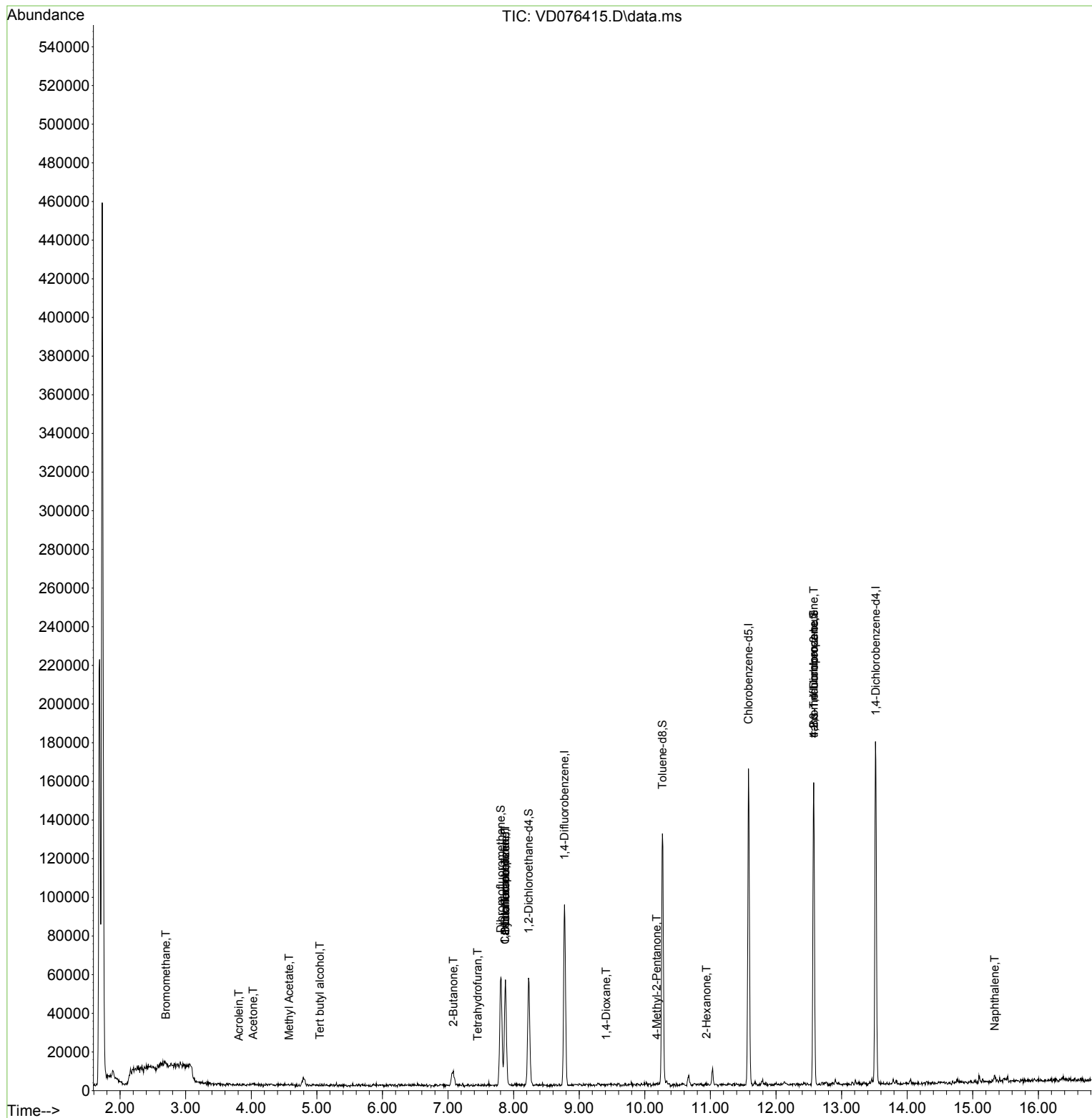
Internal Standards						
1) Pentafluorobenzene	7.875	168	42386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	81759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	90736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	48145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41978	85.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.480%#	
35) Dibromofluoromethane	7.805	113	41882	79.259	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 158.520%#	
50) Toluene-d8	10.269	98	92027	45.956	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.920%	
62) 4-Bromofluorobenzene	12.575	95	48077	69.984	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 139.960%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	1218	3.389	ug/l	97
11) Tert butyl alcohol	5.046	59	55	1.344	ug/l #	73
13) Acrolein	3.811	56	54	1.150	ug/l #	1
16) Acetone	4.028	43	1743	16.195	ug/l #	32
18) Methyl Acetate	4.575	43	584	1.190	ug/l #	42
20) Methylene Chloride	4.805	84	2616	Below Cal	#	87
25) 2-Butanone	7.081	43	647	3.844	ug/l #	37
28) Bromochloromethane	7.422	49	91	Below Cal	#	1
29) Tetrahydrofuran	7.452	42	499	4.647	ug/l #	23
31) Cyclohexane	7.875	56	1405	1.794	ug/l #	35
36) 1,1-Dichloropropene	7.869	75	3442	4.463	ug/l #	43
38) Carbon Tetrachloride	7.869	117	3802	5.309	ug/l #	11
49) 1,4-Dioxane	9.410	88	57	14.607	ug/l #	33
51) 4-Methyl-2-Pentanone	10.181	43	713	1.688	ug/l #	44
59) 2-Hexanone	10.940	43	620	2.094	ug/l #	54
76) 1,2,3-Trichloropropane	12.575	75	25835	57.399	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	25835	102.769	ug/l #	17
95) Naphthalene	15.334	128	3499	1.781	ug/l #	86

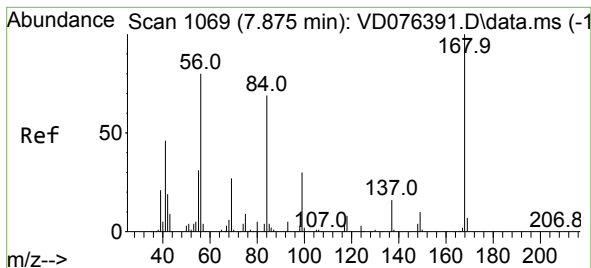
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076415.D

Acq: 14 Jun 2023 13:34

Instrument :

MSVOA_D

ClientSampleId :

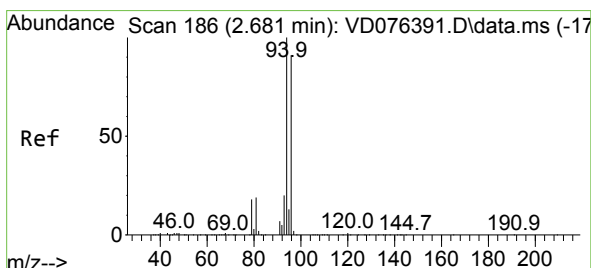
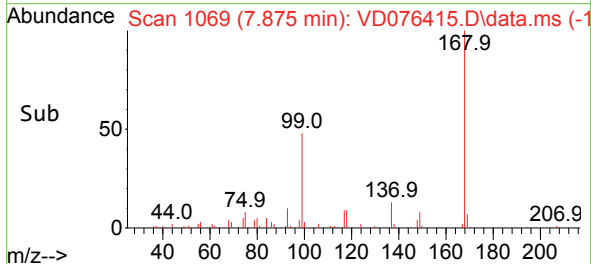
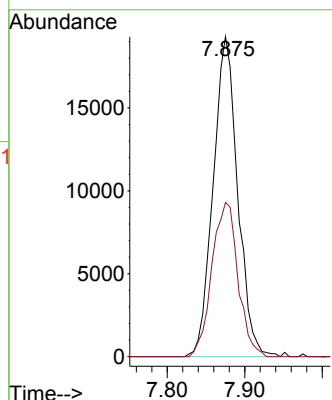
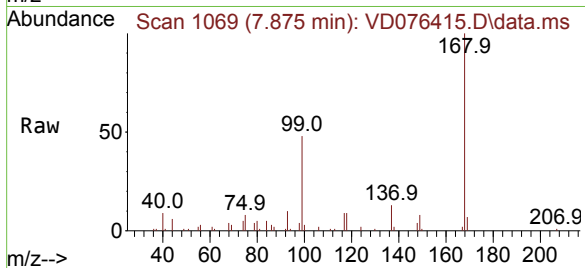
HYATT-PIPE-TP

Tgt Ion:168 Resp: 42386

Ion Ratio Lower Upper

168 100

99 48.2 36.7 55.1



#5

Bromomethane

Concen: 3.389 ug/l

RT: 2.699 min Scan# 189

Delta R.T. 0.018 min

Lab File: VD076415.D

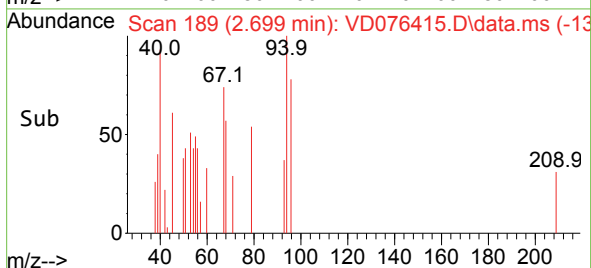
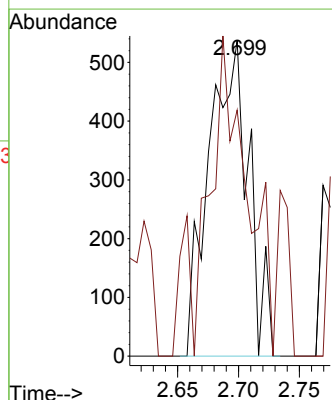
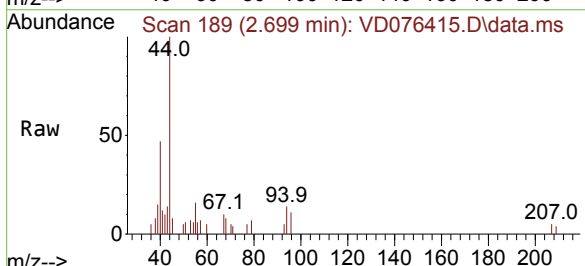
Acq: 14 Jun 2023 13:34

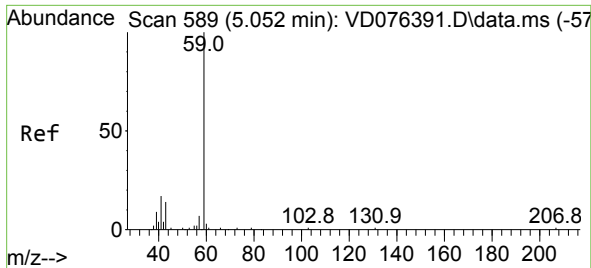
Tgt Ion: 94 Resp: 1218

Ion Ratio Lower Upper

94 100

96 92.2 75.8 113.8





#11

Tert butyl alcohol

Concen: 1.344 ug/l

RT: 5.046 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD076415.D

Acq: 14 Jun 2023 13:34

Instrument :

MSVOA_D

ClientSampleId :

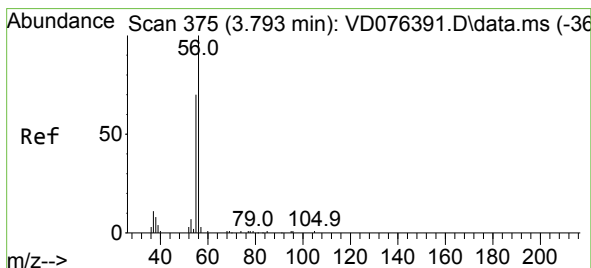
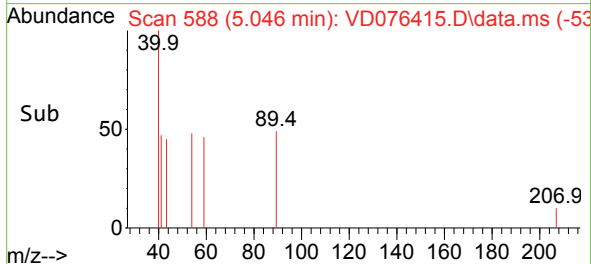
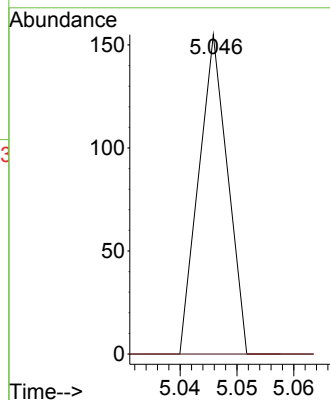
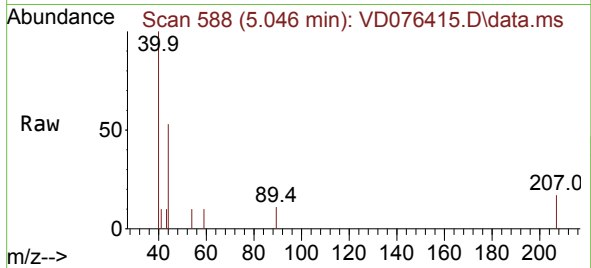
HYATT-PIPE-TP

Tgt Ion: 59 Resp: 55

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#13

Acrolein

Concen: 1.150 ug/l

RT: 3.811 min Scan# 378

Delta R.T. 0.018 min

Lab File: VD076415.D

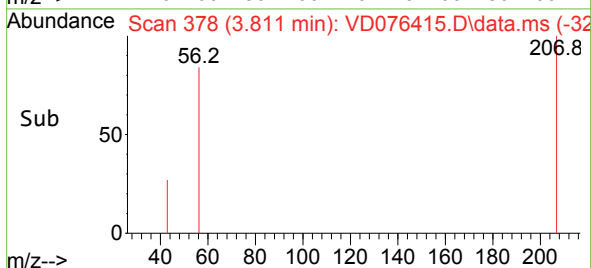
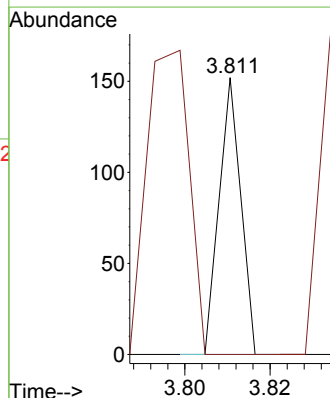
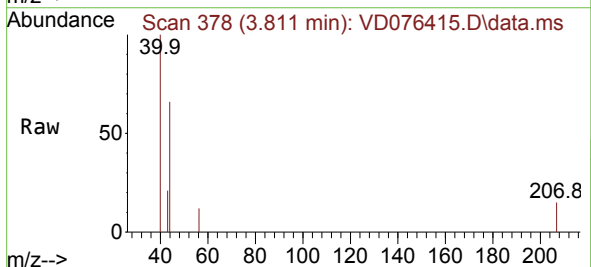
Acq: 14 Jun 2023 13:34

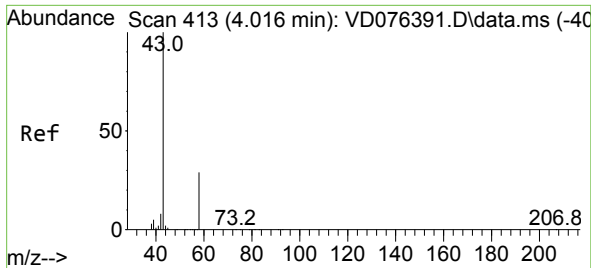
Tgt Ion: 56 Resp: 54

Ion Ratio Lower Upper

56 100

55 214.8 55.1 82.7#

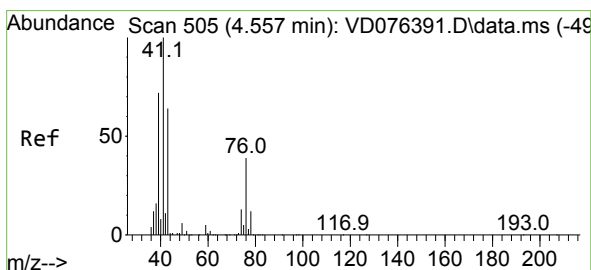
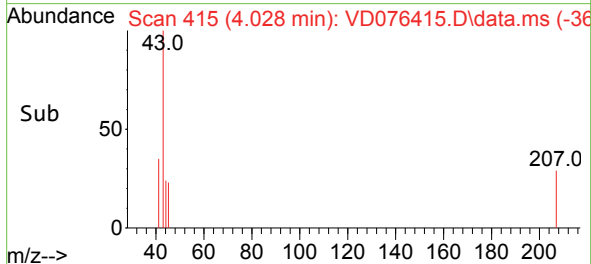
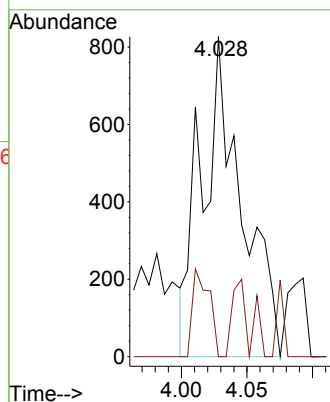
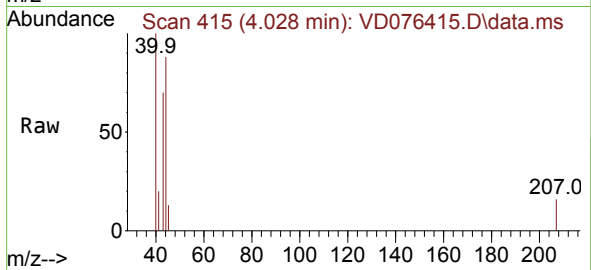




#16
Acetone
Concen: 16.195 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

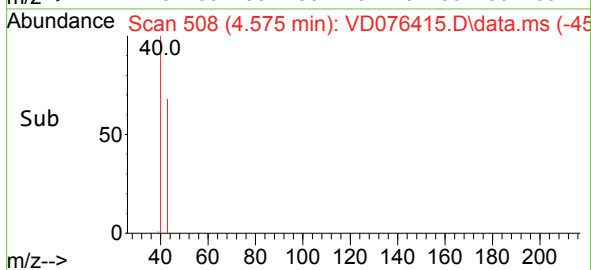
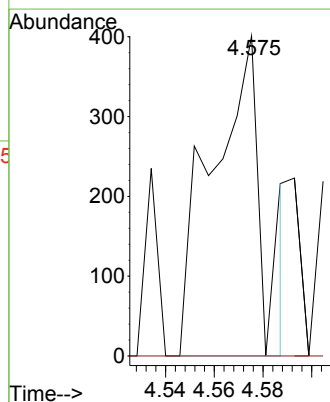
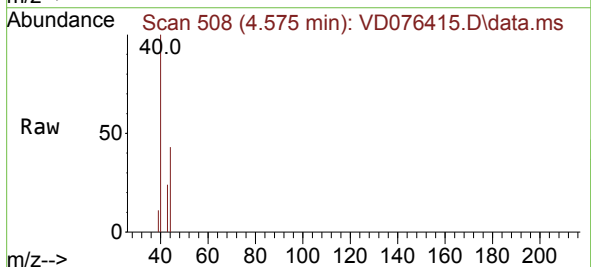
Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

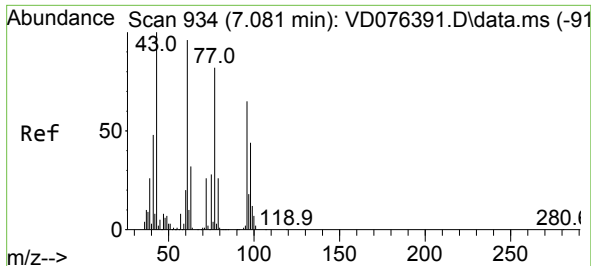
Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#18
Methyl Acetate
Concen: 1.190 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.018 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

Tgt Ion: 43 Resp: 584
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#

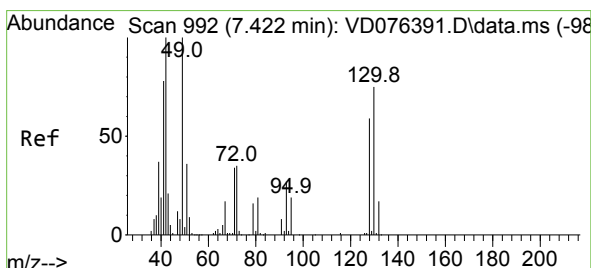
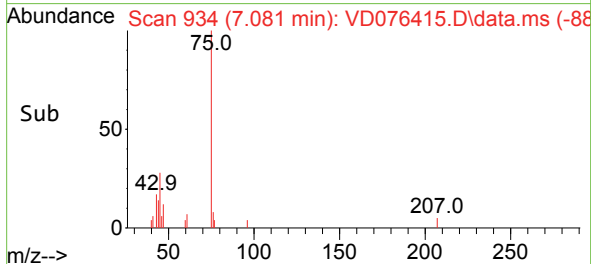
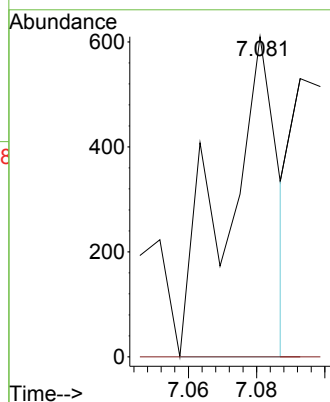
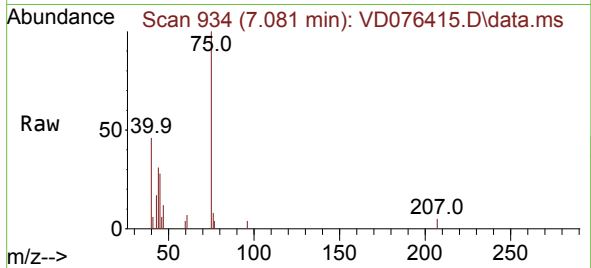




#25
2-Butanone
Concen: 3.844 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

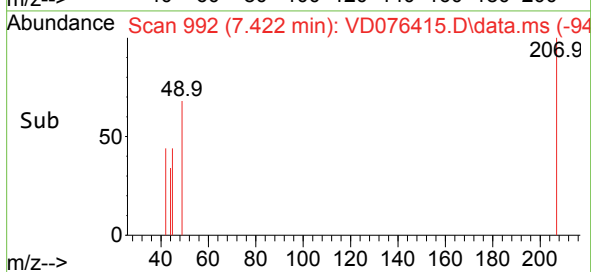
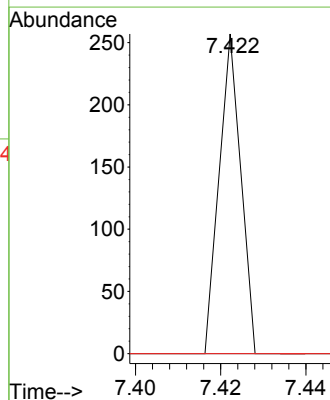
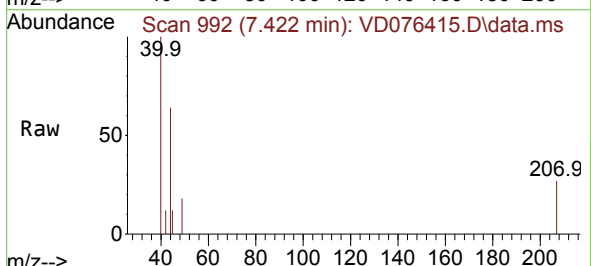
Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

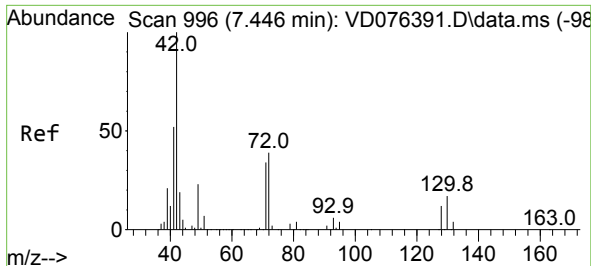
Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

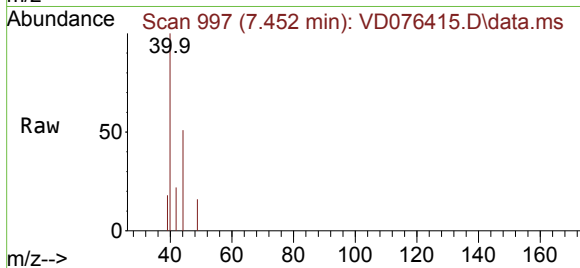
Tgt Ion: 49 Resp: 91
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



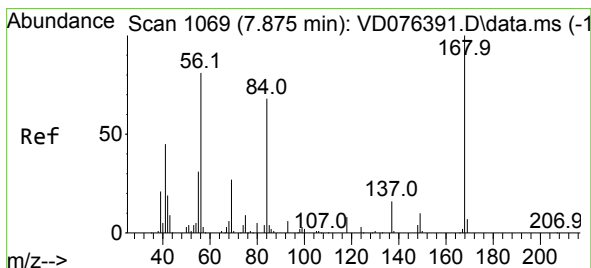
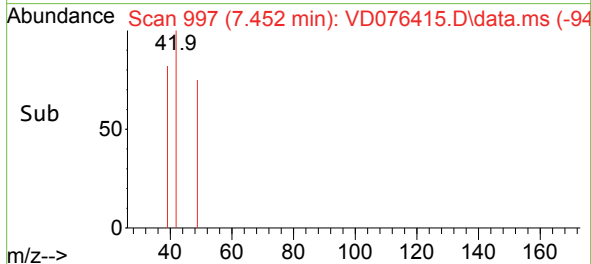
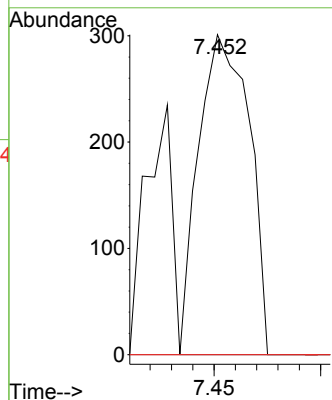


#29
Tetrahydrofuran
Concen: 4.647 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

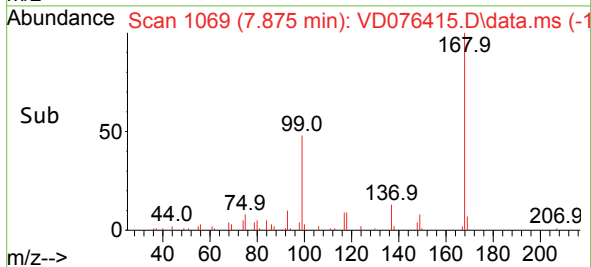
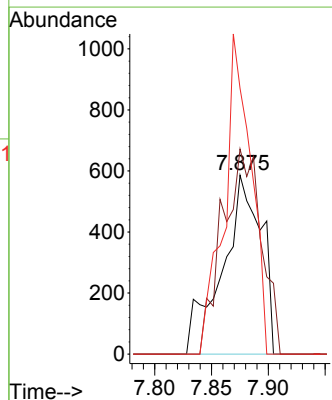
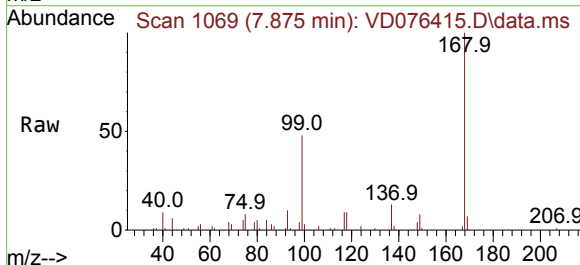


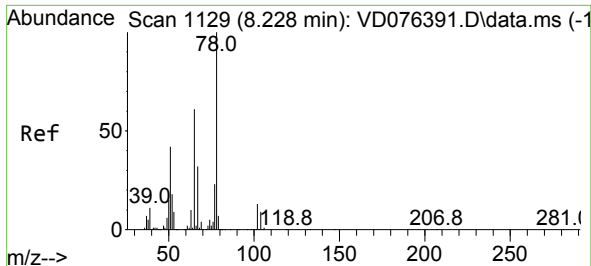
Tgt Ion:	42	Resp:	499
Ion	Ratio	Lower	Upper
42	100		
72	0.0	46.5	69.7#
71	0.0	44.5	66.7#



#31
Cyclohexane
Concen: 1.794 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

Tgt Ion:	56	Resp:	1405
Ion	Ratio	Lower	Upper
56	100		
69	114.7	28.6	43.0#
84	148.6	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 85.744 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076415.D

Acq: 14 Jun 2023 13:34

Instrument :

MSVOA_D

ClientSampleId :

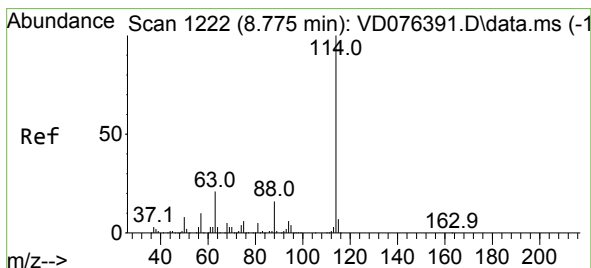
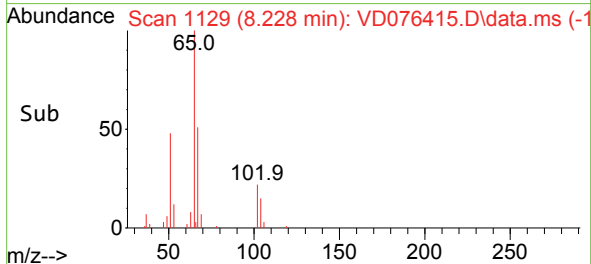
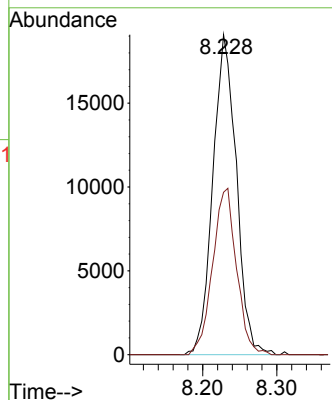
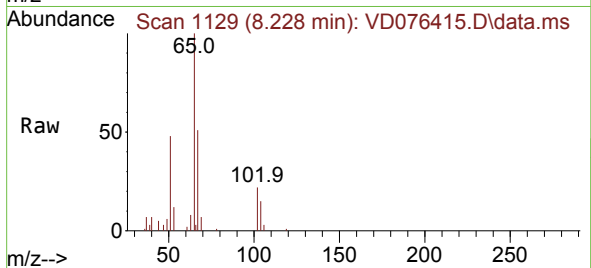
HYATT-PIPE-TP

Tgt Ion: 65 Resp: 41978

Ion Ratio Lower Upper

65 100

67 53.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076415.D

Acq: 14 Jun 2023 13:34

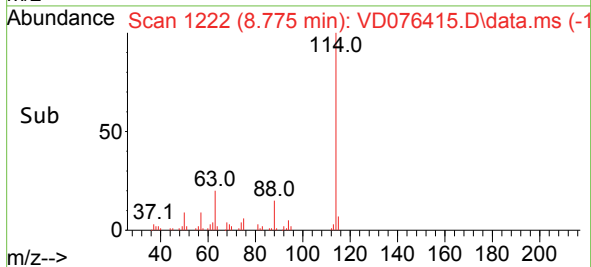
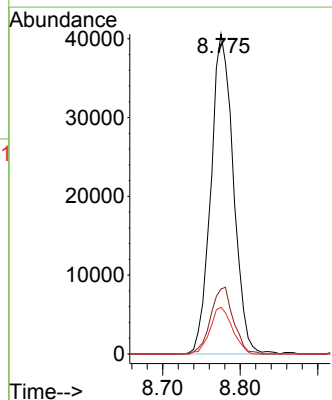
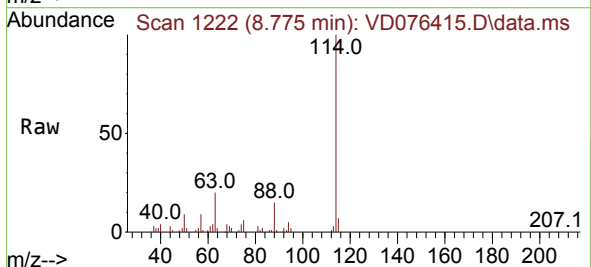
Tgt Ion:114 Resp: 81759

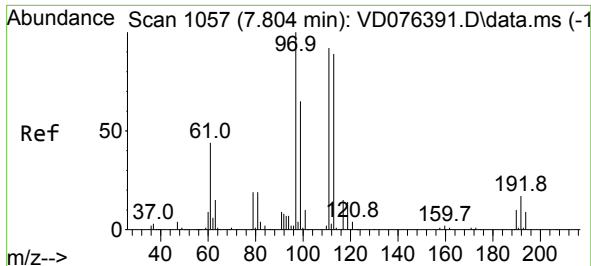
Ion Ratio Lower Upper

114 100

63 20.3 0.0 33.4

88 14.6 0.0 26.2

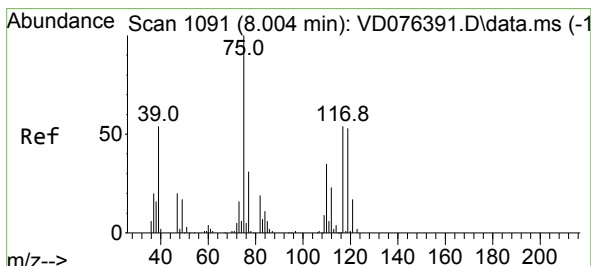
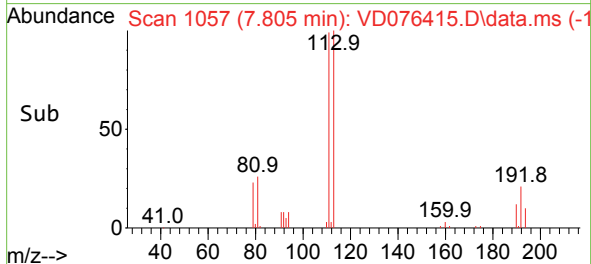
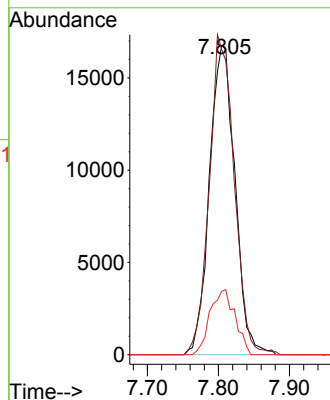
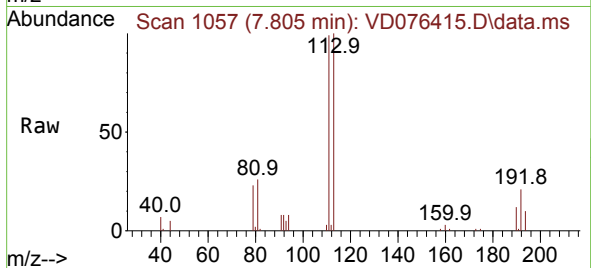




#35
Dibromofluoromethane
Concen: 79.259 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

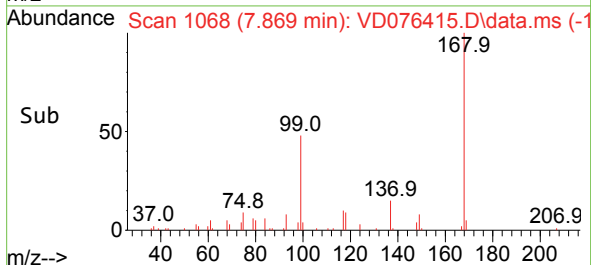
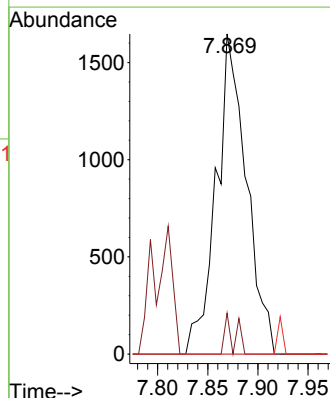
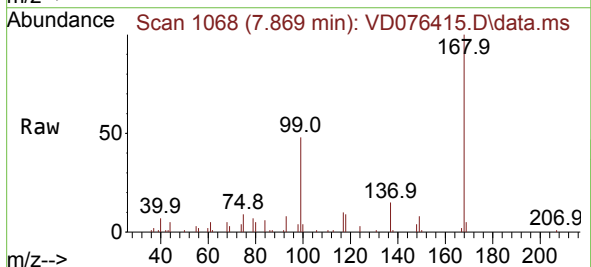
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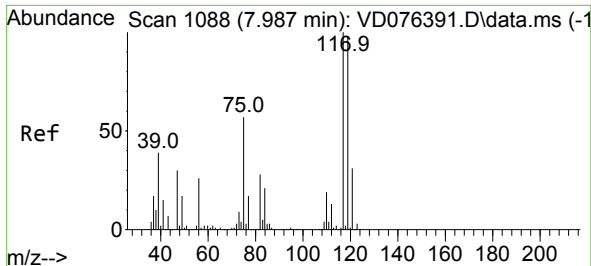
Tgt Ion:113 Resp: 41882
Ion Ratio Lower Upper
113 100
111 100.5 84.7 127.1
192 20.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.463 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

Tgt Ion: 75 Resp: 3442
Ion Ratio Lower Upper
75 100
110 4.0 19.9 59.6#
77 0.0 24.7 37.1#

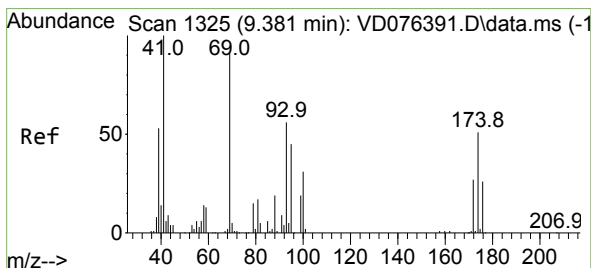
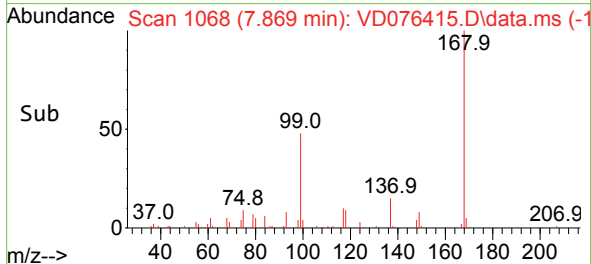
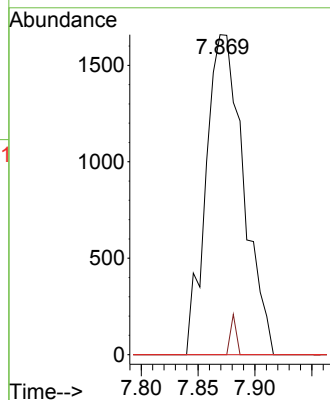
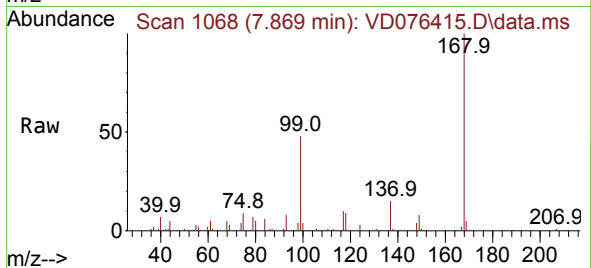




#38
Carbon Tetrachloride
Concen: 5.309 ug/l
RT: 7.869 min Scan# 117
Delta R.T. -0.117 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

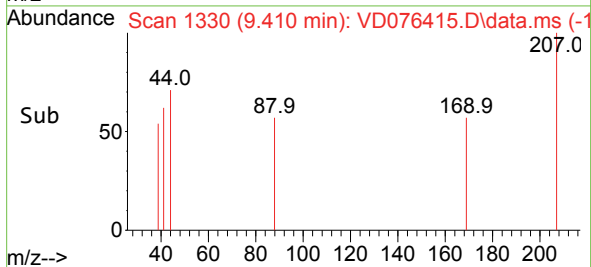
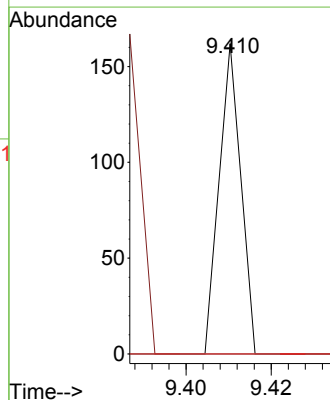
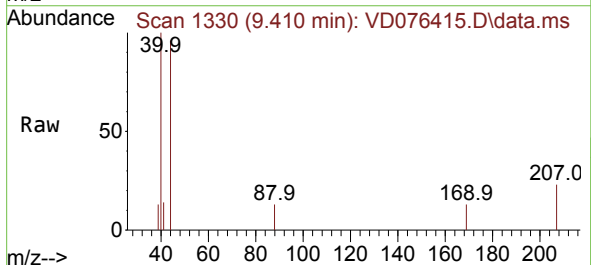
Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

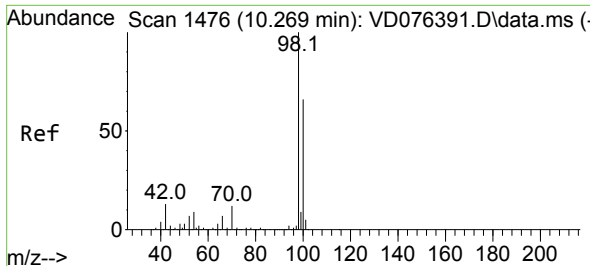
Tgt Ion:117 Resp: 3802
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 14.607 ug/l
RT: 9.410 min Scan# 1330
Delta R.T. 0.030 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 0.0 43.5 65.3#

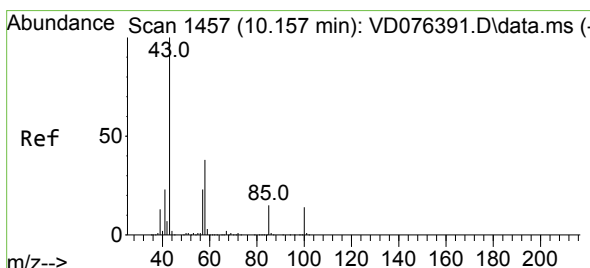
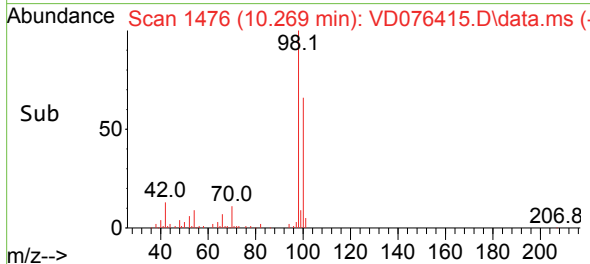
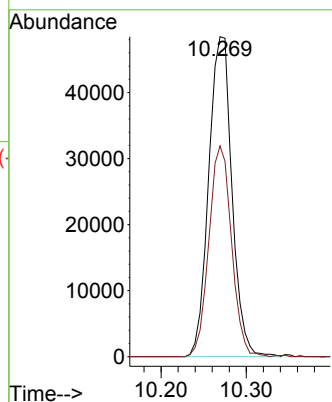
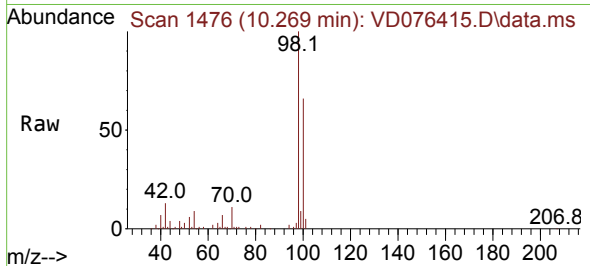




#50
Toluene-d8
Concen: 45.956 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

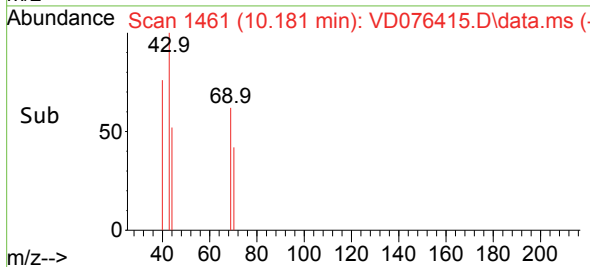
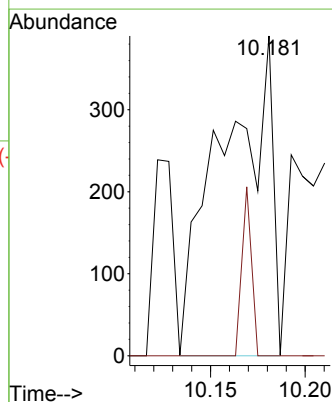
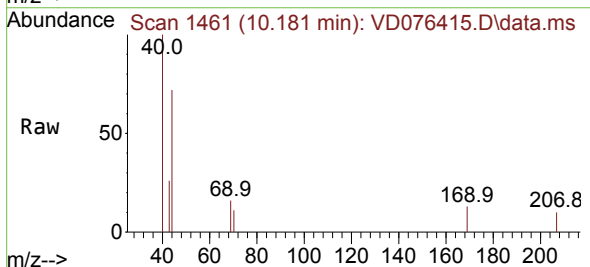
Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

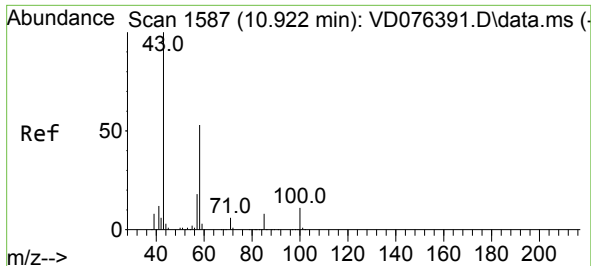
Tgt Ion: 98 Resp: 92027
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.688 ug/l
RT: 10.181 min Scan# 1461
Delta R.T. 0.024 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
58 10.2 38.9 58.3#

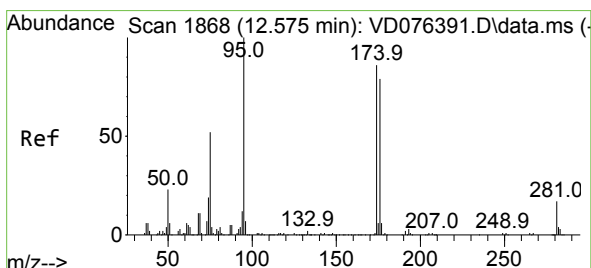
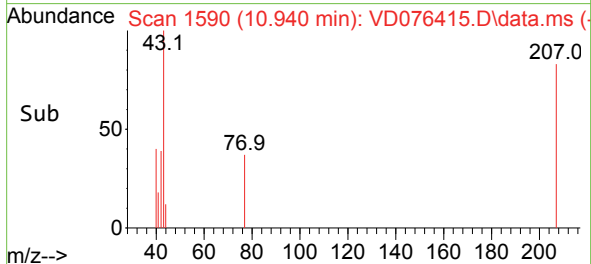
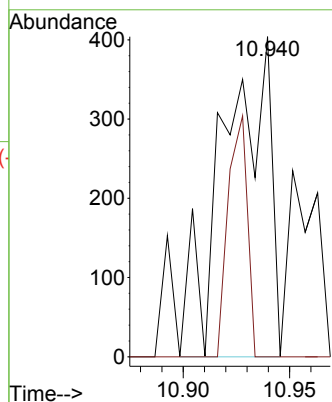
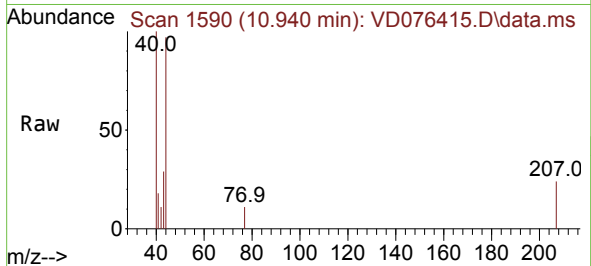




#59
2-Hexanone
Concen: 2.094 ug/l
RT: 10.940 min Scan# 1587
Delta R.T. 0.018 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

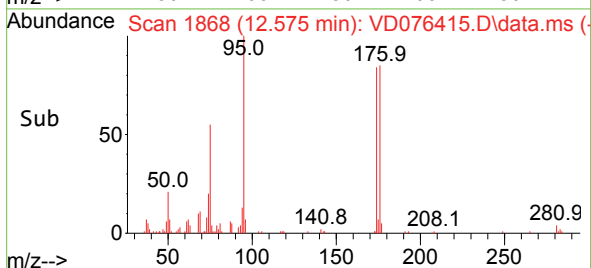
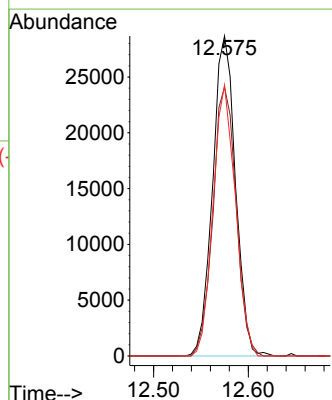
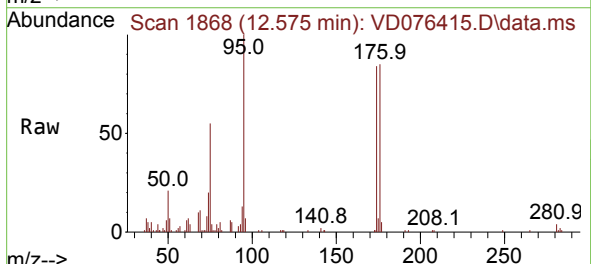
Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

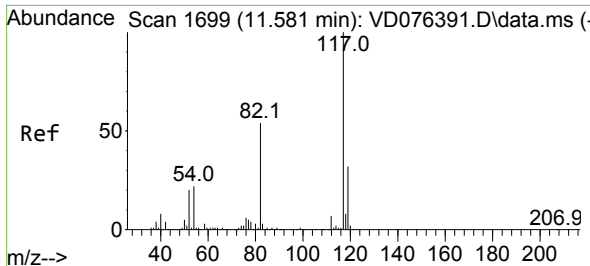
Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
58 30.8 34.1 102.2#



#62
4-Bromofluorobenzene
Concen: 69.984 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

Tgt Ion: 95 Resp: 48077
Ion Ratio Lower Upper
95 100
174 85.0 0.0 201.8
176 82.8 0.0 191.8

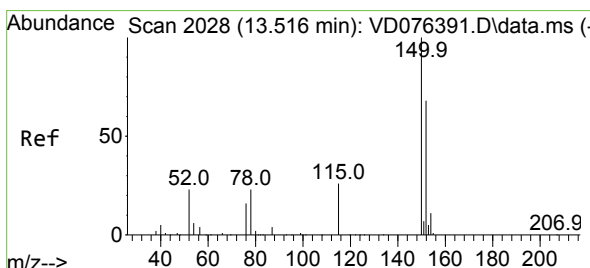
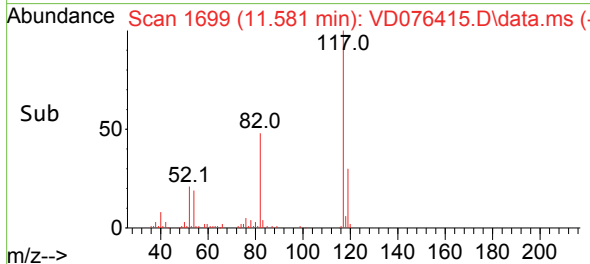
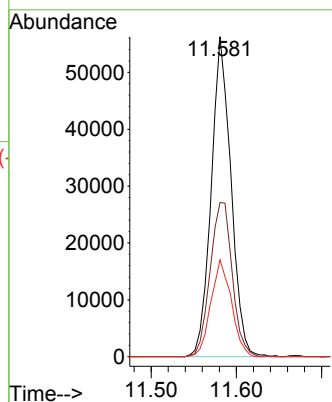
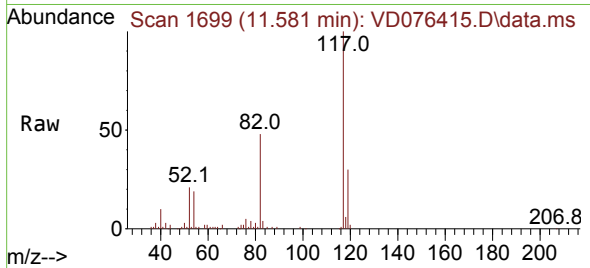




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

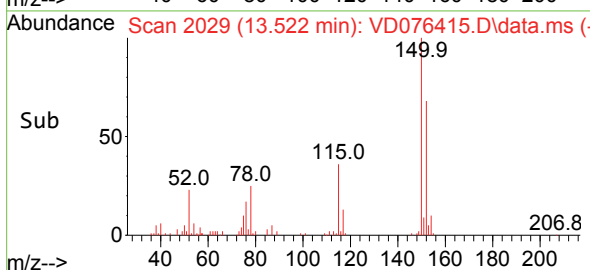
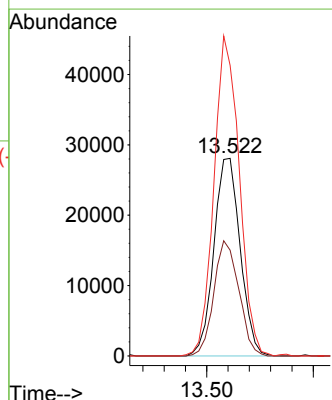
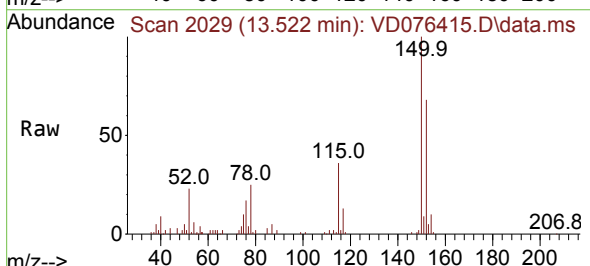
Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

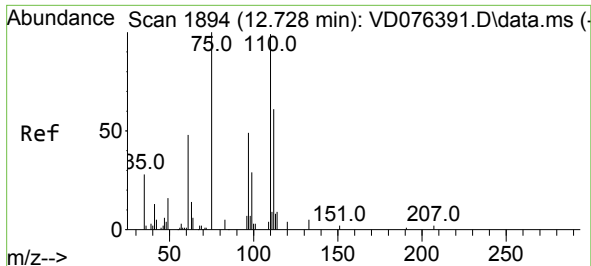
Tgt Ion:117 Resp: 90736
Ion Ratio Lower Upper
117 100
82 48.2 38.3 57.5
119 30.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

Tgt Ion:152 Resp: 48145
Ion Ratio Lower Upper
152 100
115 55.4 27.1 81.3
150 155.7 0.0 353.6

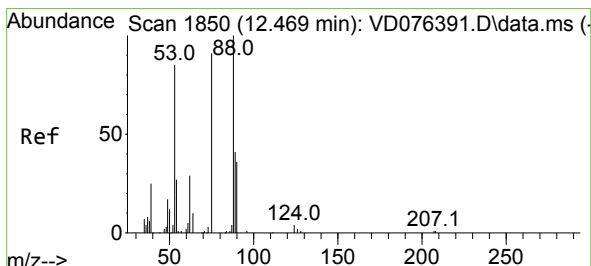
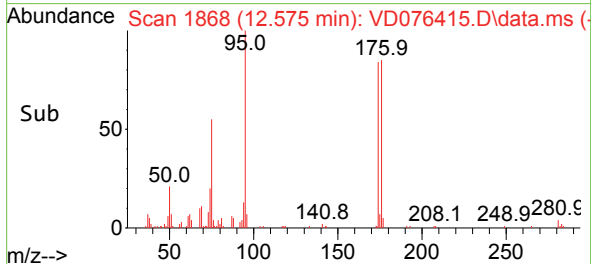
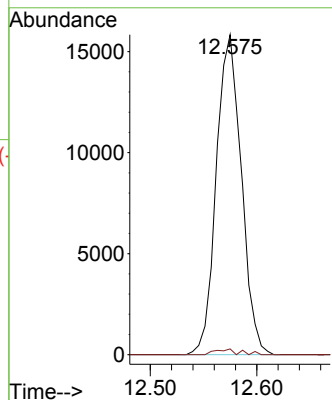
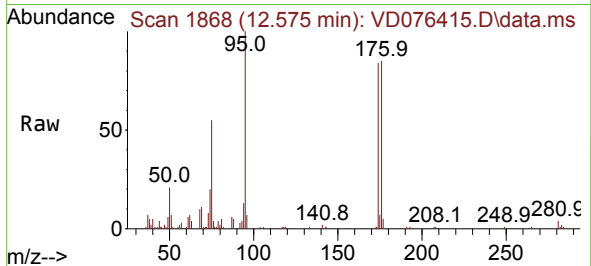




#76
1,2,3-Trichloropropane
Concen: 57.399 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

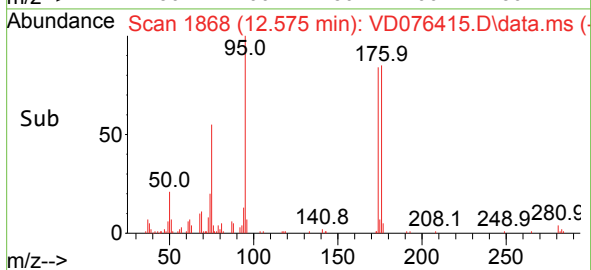
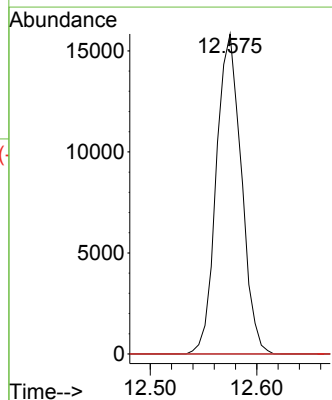
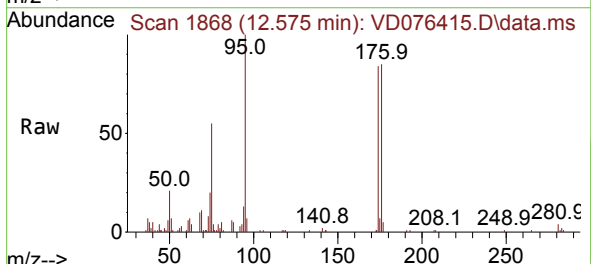
Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

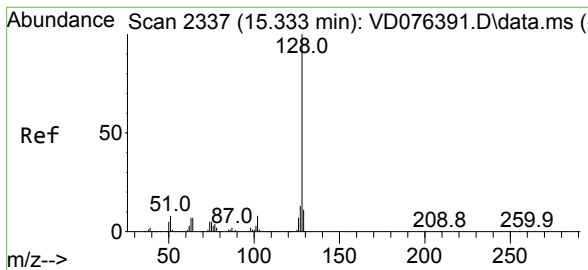
Tgt Ion: 75 Resp: 25835
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.769 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

Tgt Ion: 75 Resp: 25835
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.781 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076415.D
Acq: 14 Jun 2023 13:34

Instrument :
MSVOA_D
ClientSampleId :
HYATT-PIPE-TP

Tgt Ion:128 Resp: 3499
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 0.0 8.7 13.1#

