

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060223\
 Data File : VD076315.D
 Acq On : 02 Jun 2023 15:59
 Operator : KP/SY
 Sample : 03001-01
 Misc : 5.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP16-0A

Quant Time: Jun 03 02:24:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:50:45 2023
 Response via : Initial Calibration

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

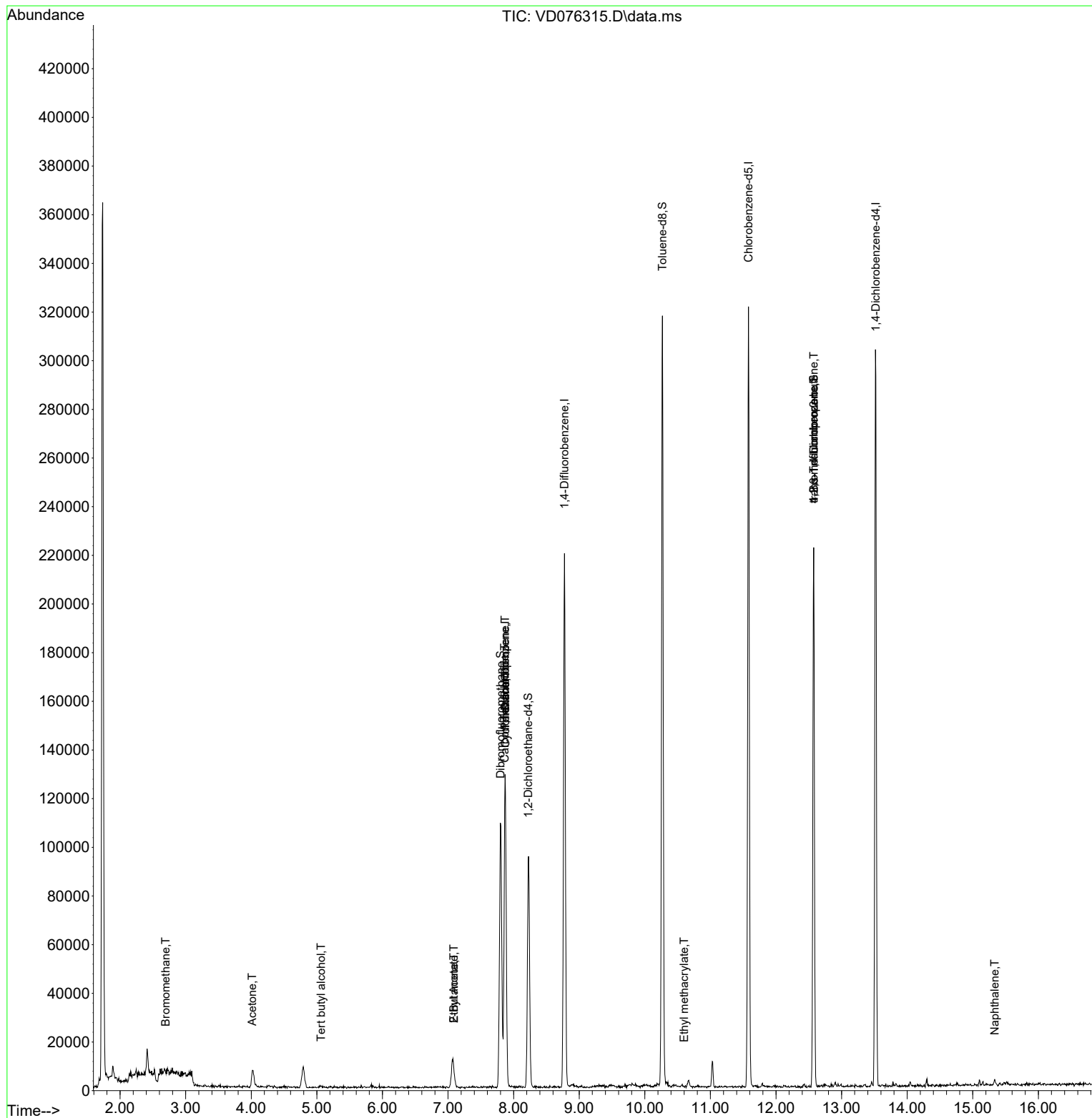
Internal Standards						
1) Pentafluorobenzene	7.869	168	108154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	205402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	90036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	73793	70.011	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.020%			
35) Dibromofluoromethane	7.799	113	82105	60.555	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 121.100%			
50) Toluene-d8	10.269	98	232742	44.520	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.040%			
62) 4-Bromofluorobenzene	12.575	95	66288	45.461	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.920%			
Target Compounds						Qvalue
3) Chloromethane	2.146	50	979	Below Cal	#	84
5) Bromomethane	2.693	94	2141	1.508	ug/l #	74
11) Tert butyl alcohol	5.064	59	642	9.568	ug/l #	73
13) Acrolein	3.811	56	66	Below Cal	#	15
16) Acetone	4.016	43	12613	63.084	ug/l	88
20) Methylene Chloride	4.787	84	7355	Below Cal		94
25) 2-Butanone	7.087	43	2358	8.574	ug/l	89
31) Cyclohexane	7.875	56	2007	1.237	ug/l #	60
36) 1,1-Dichloropropene	7.869	75	8040	4.288	ug/l #	46
37) Ethyl Acetate	7.087	43	2358	3.316	ug/l #	75
38) Carbon Tetrachloride	7.863	117	9706	6.011	ug/l #	15
56) Ethyl methacrylate	10.599	69	55	2.768	ug/l #	36
76) 1,2,3-Trichloropropane	12.575	75	34228	42.257	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	34228	96.934	ug/l #	17
95) Naphthalene	15.334	128	2409	4.379	ug/l #	79

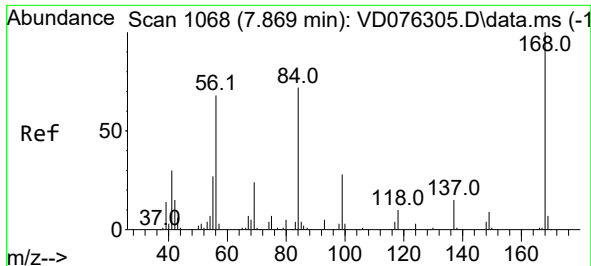
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 02 05:50:45 2023
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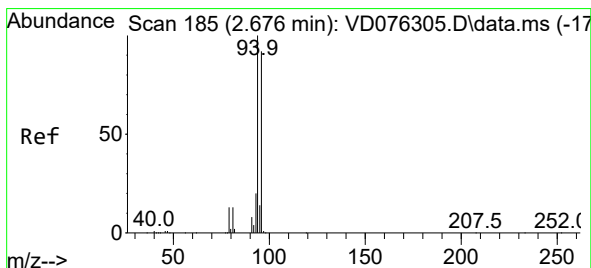
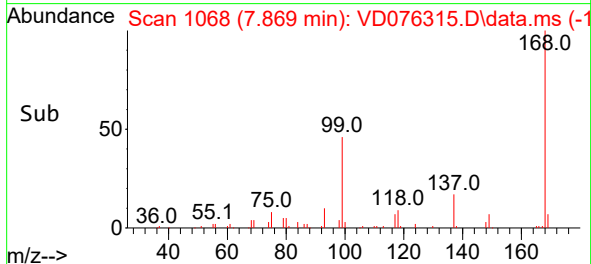
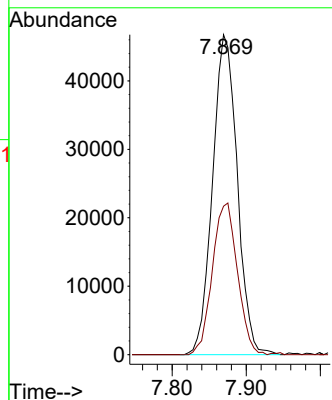
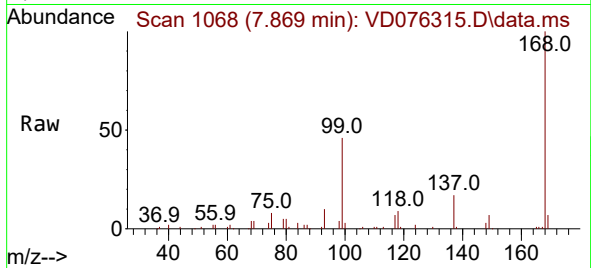




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

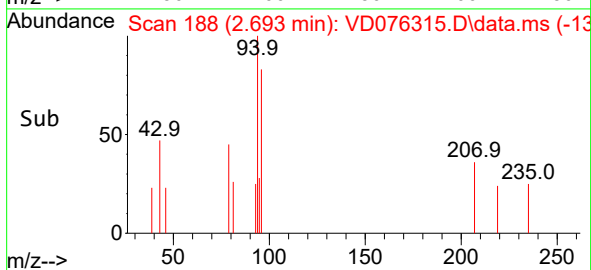
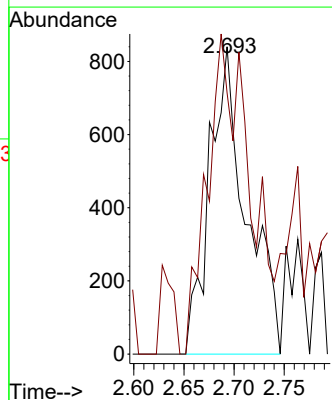
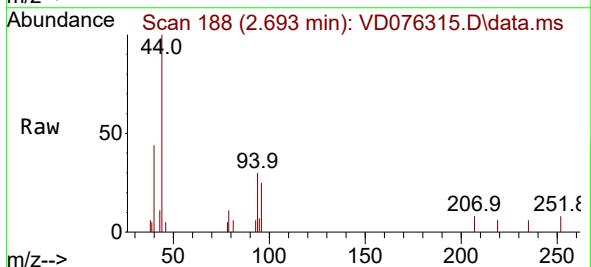
Instrument :
MSVOA_D
ClientSampleId :
TP16-0A

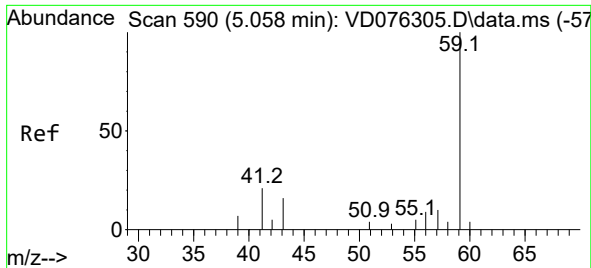
Tgt Ion:168 Resp: 108154
Ion Ratio Lower Upper
168 100
99 46.4 36.7 55.1



#5
Bromomethane
Concen: 1.508 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.017 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

Tgt Ion: 94 Resp: 2141
Ion Ratio Lower Upper
94 100
96 69.5 75.8 113.8#





#11

Tert butyl alcohol

Concen: 9.568 ug/l

RT: 5.064 min Scan# 591

Delta R.T. 0.006 min

Lab File: VD076315.D

Acq: 02 Jun 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

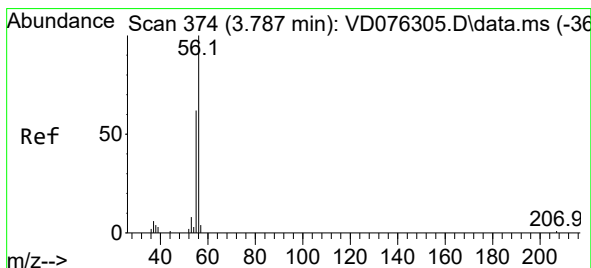
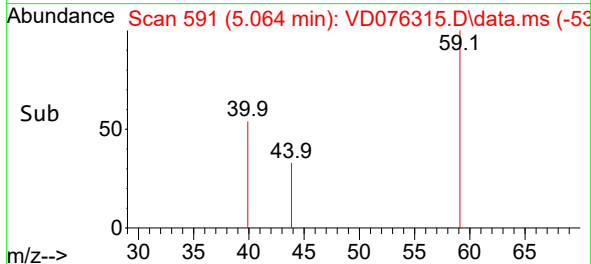
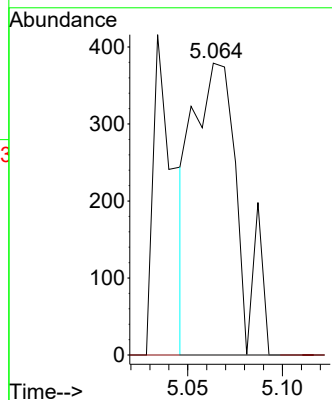
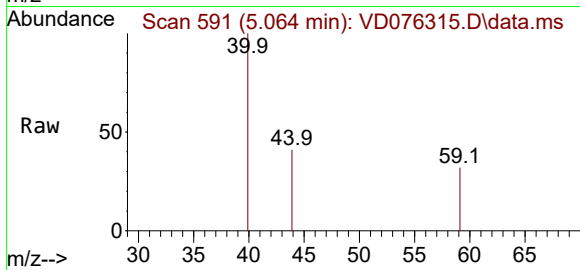
TP16-0A

Tgt Ion: 59 Resp: 642

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#13

Acrolein

Concen: Below Cal

RT: 3.811 min Scan# 378

Delta R.T. 0.024 min

Lab File: VD076315.D

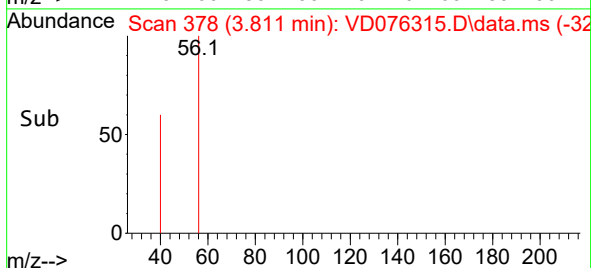
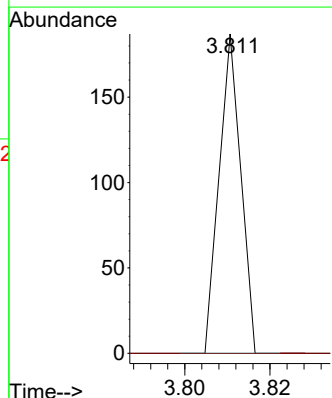
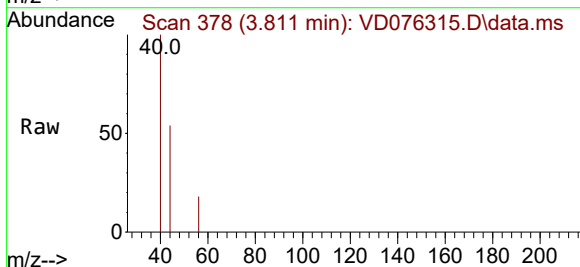
Acq: 02 Jun 2023 15:59

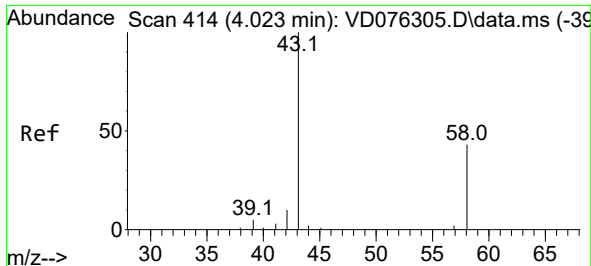
Tgt Ion: 56 Resp: 66

Ion Ratio Lower Upper

56 100

55 0.0 55.1 82.7#

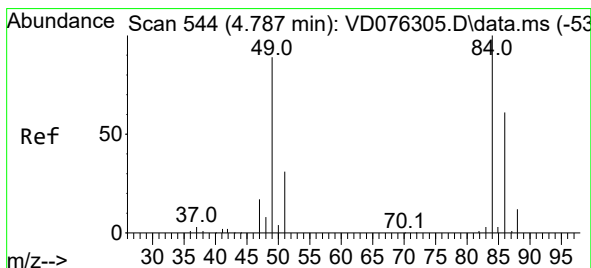
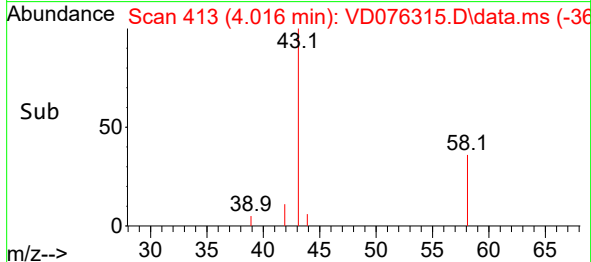
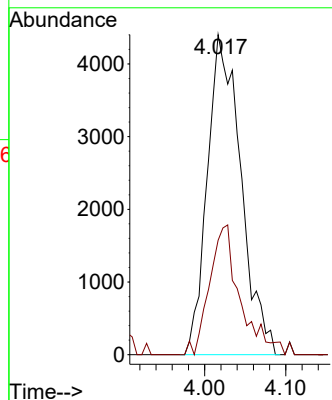
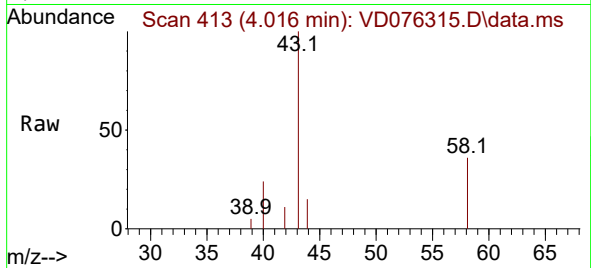




#16
Acetone
Concen: 63.084 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

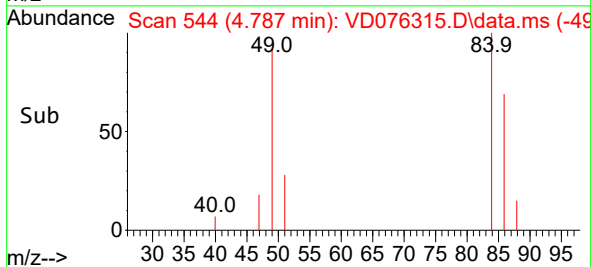
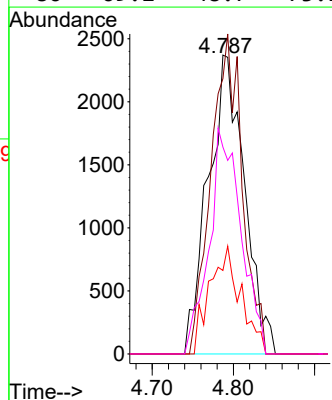
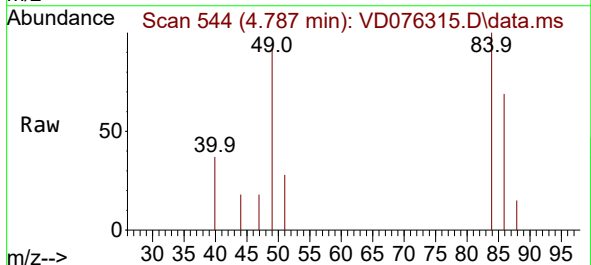
Instrument :
MSVOA_D
ClientSampleId :
TP16-0A

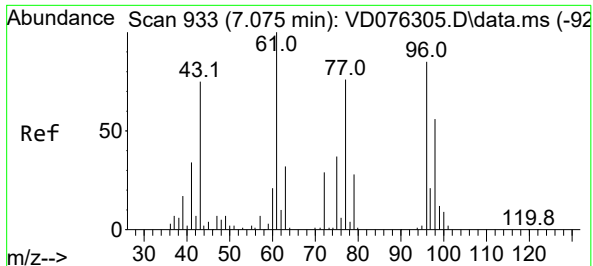
Tgt Ion: 43 Resp: 12613
Ion Ratio Lower Upper
43 100
58 35.7 34.7 52.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 544
Delta R.T. 0.000 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

Tgt Ion: 84 Resp: 7355
Ion Ratio Lower Upper
84 100
49 92.2 71.4 107.2
51 27.9 24.5 36.7
86 69.2 48.7 73.1

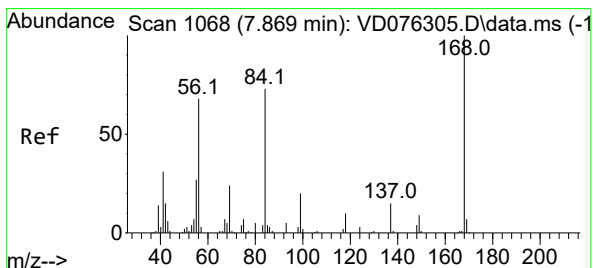
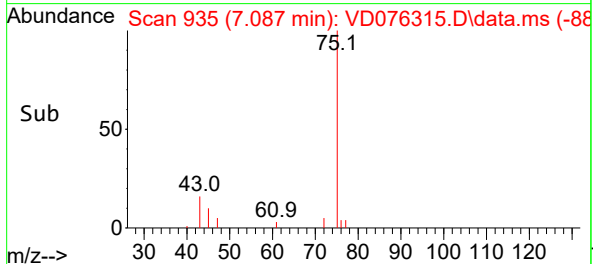
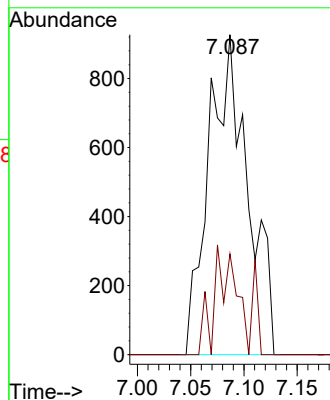
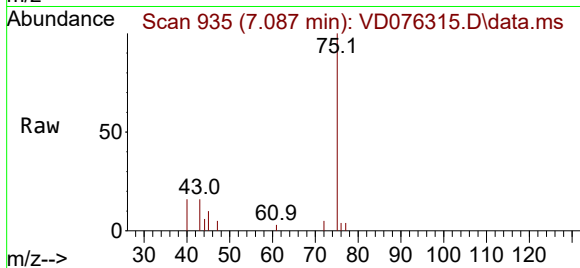




#25
2-Butanone
Concen: 8.574 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

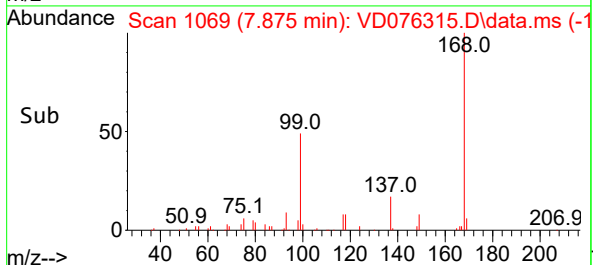
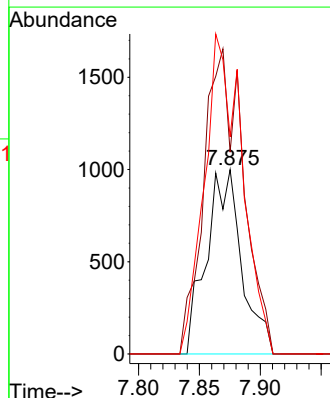
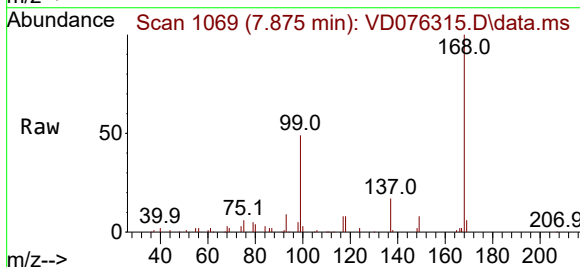
Instrument :
MSVOA_D
ClientSampleId :
TP16-0A

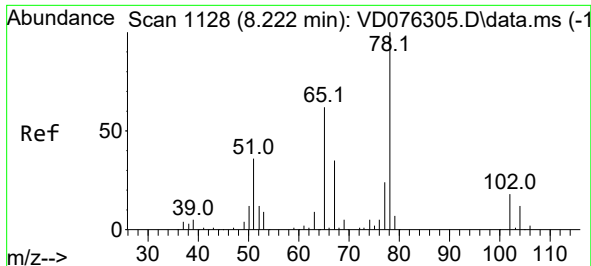
Tgt Ion: 43 Resp: 2358
Ion Ratio Lower Upper
43 100
72 31.5 30.7 46.1



#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

Tgt Ion: 56 Resp: 2007
Ion Ratio Lower Upper
56 100
69 109.5 28.6 43.0#
84 117.8 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 70.011 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VD076315.D

Acq: 02 Jun 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

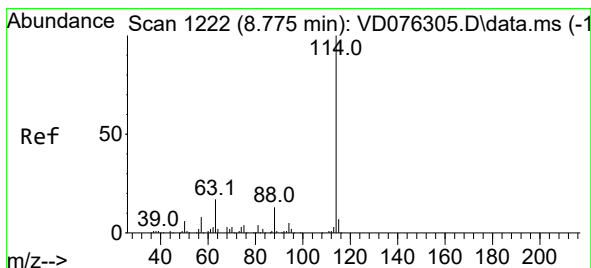
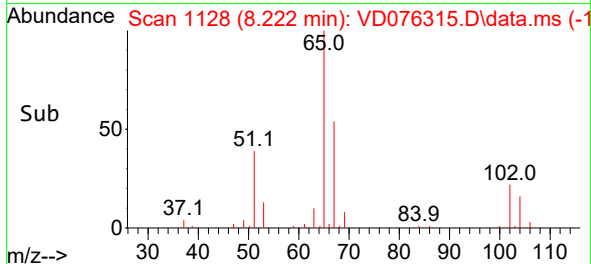
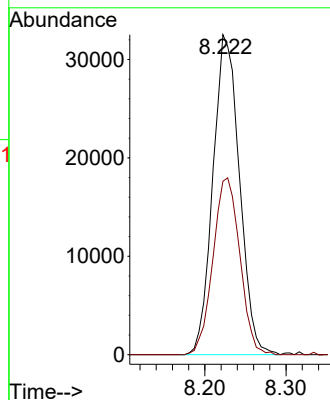
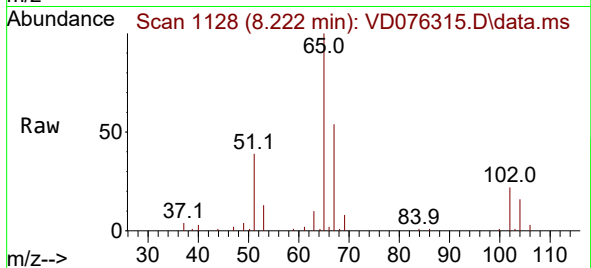
TP16-0A

Tgt Ion: 65 Resp: 73793

Ion Ratio Lower Upper

65 100

67 56.0 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: VD076315.D

Acq: 02 Jun 2023 15:59

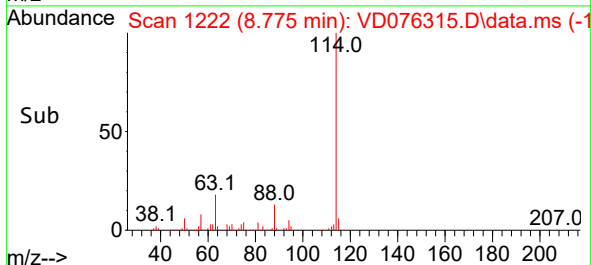
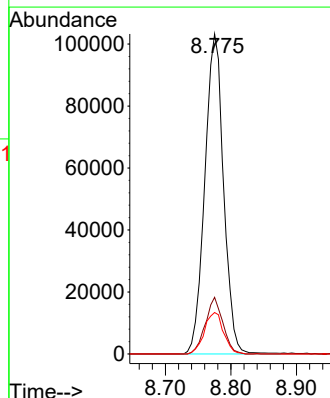
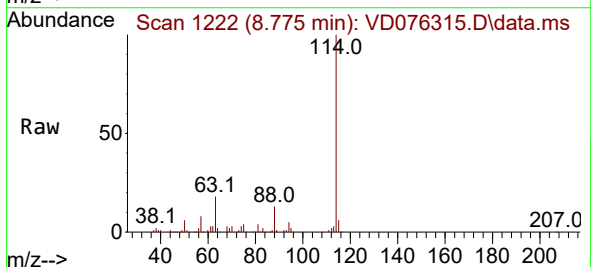
Tgt Ion:114 Resp: 205402

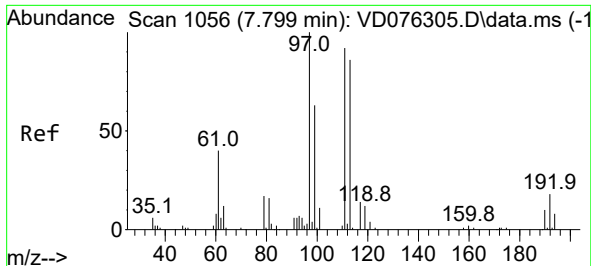
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 12.9 0.0 26.2

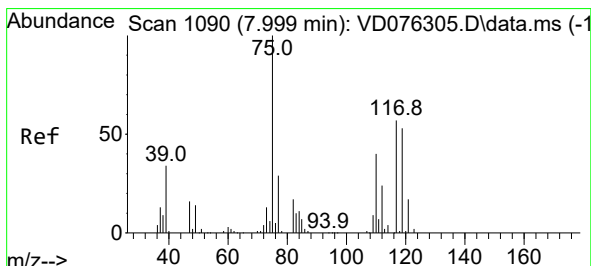
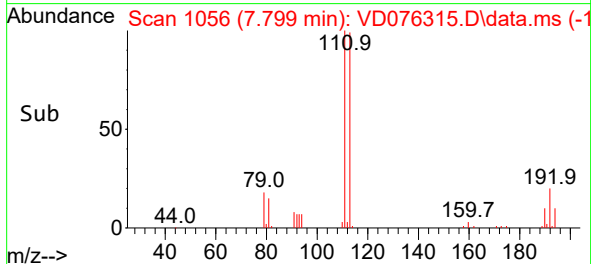
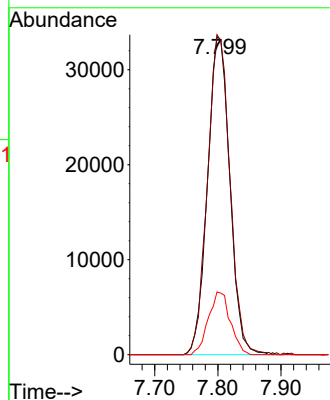
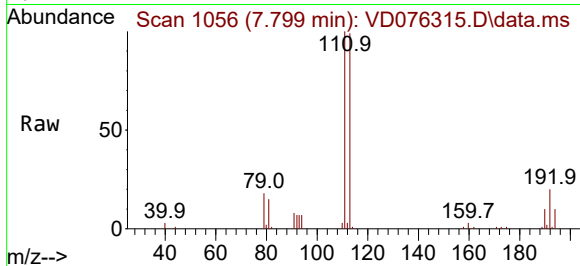




#35
Dibromofluoromethane
Concen: 60.555 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

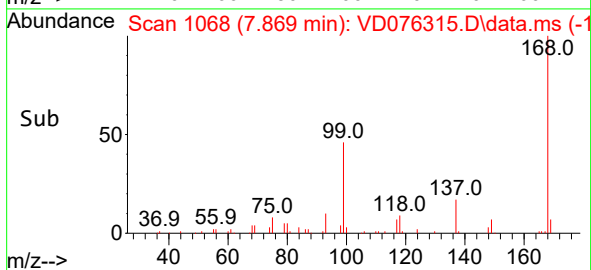
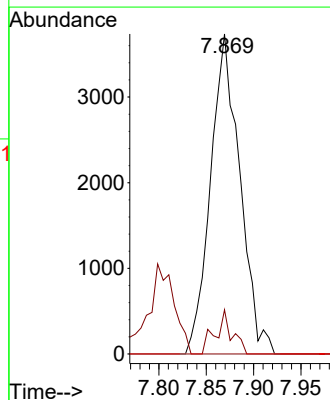
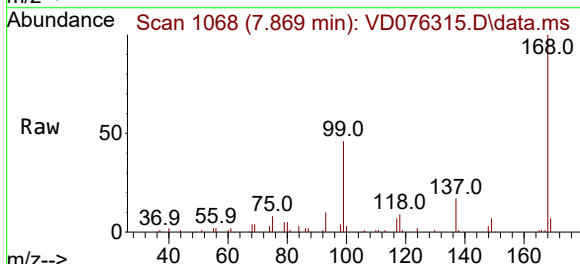
Instrument :
MSVOA_D
ClientSampleId :
TP16-0A

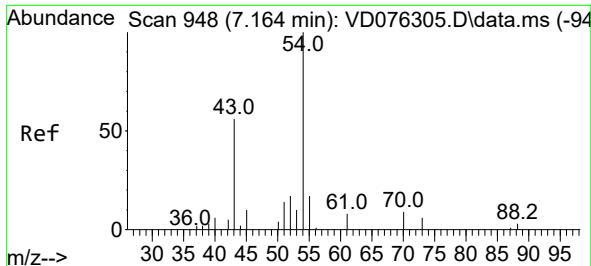
Tgt Ion:113 Resp: 82105
Ion Ratio Lower Upper
113 100
111 101.6 84.7 127.1
192 19.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.288 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.130 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

Tgt Ion: 75 Resp: 8040
Ion Ratio Lower Upper
75 100
110 7.8 19.9 59.6#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 3.316 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.077 min

Lab File: VD076315.D

Acq: 02 Jun 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

TP16-0A

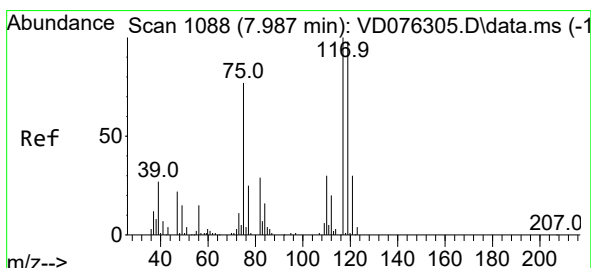
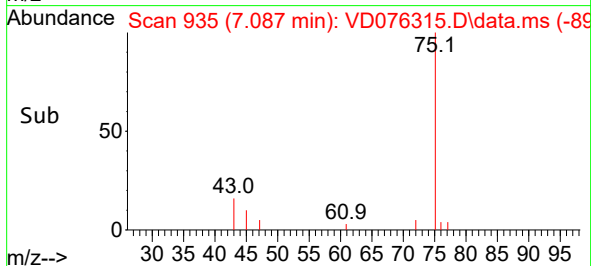
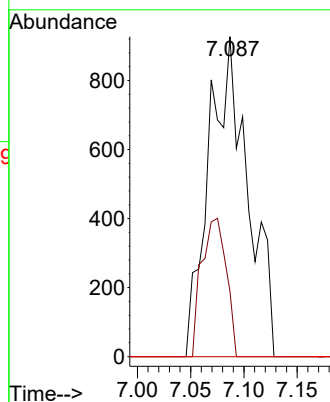
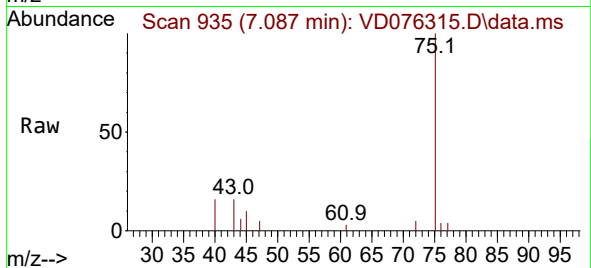
Tgt Ion: 43 Resp: 2358

Ion Ratio Lower Upper

43 100

61 27.4 14.9 22.3#

70 0.0 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 6.011 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.124 min

Lab File: VD076315.D

Acq: 02 Jun 2023 15:59

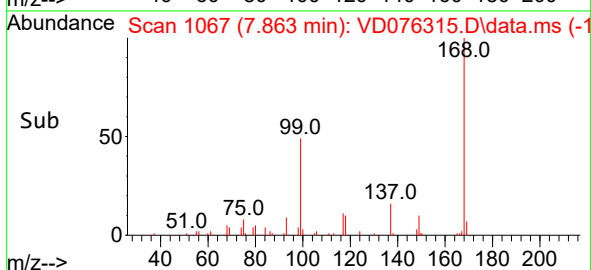
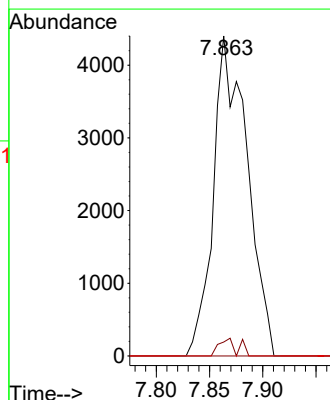
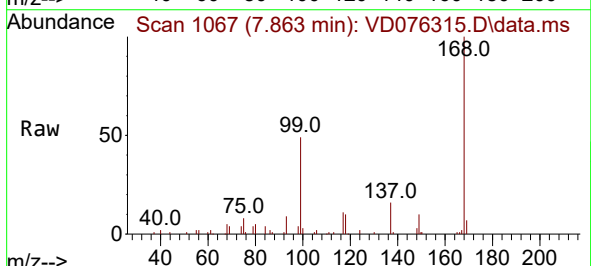
Tgt Ion: 117 Resp: 9706

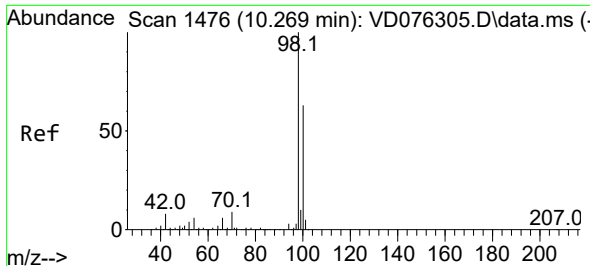
Ion Ratio Lower Upper

117 100

119 4.4 78.0 117.0#

121 0.0 24.2 36.2#

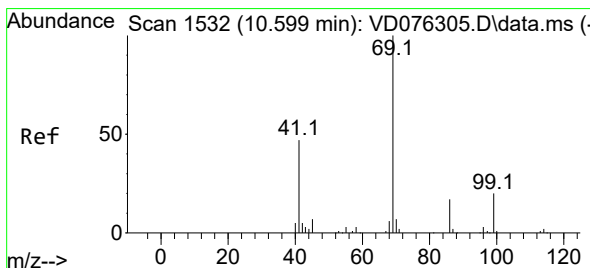
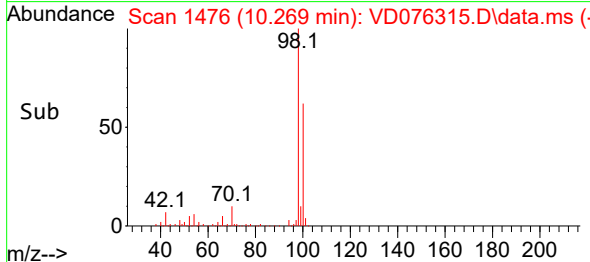
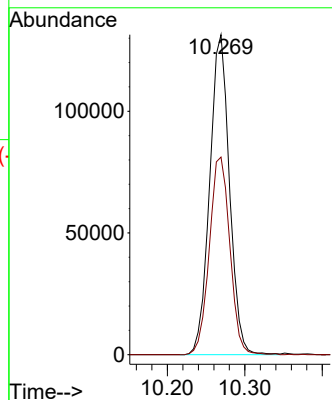
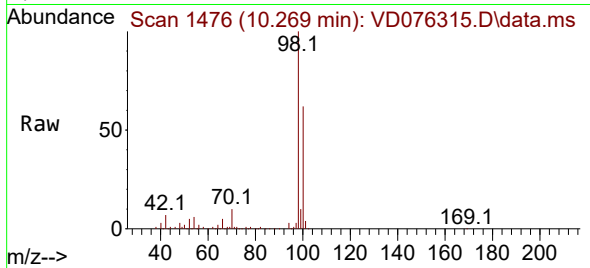




#50
Toluene-d8
Concen: 44.520 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

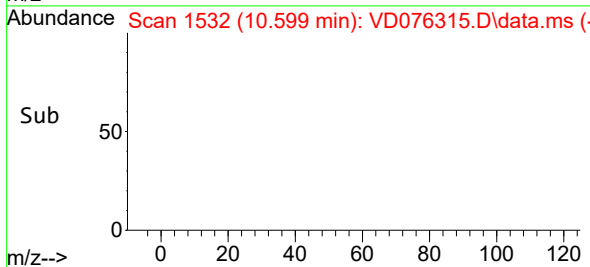
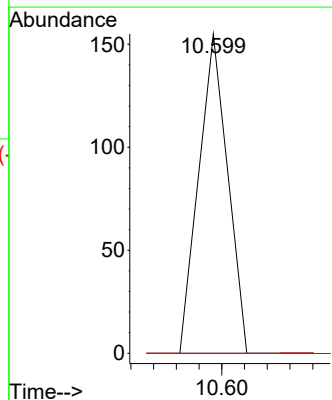
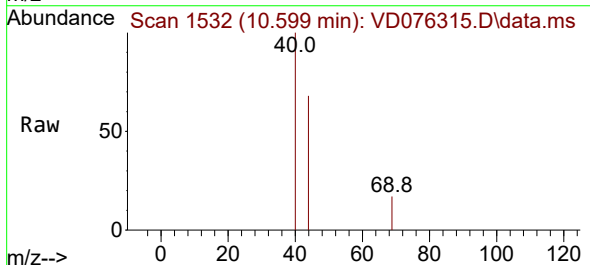
Instrument :
MSVOA_D
ClientSampleId :
TP16-0A

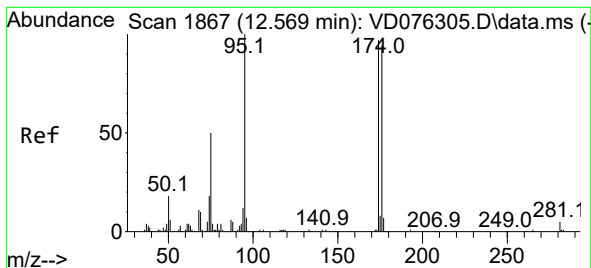
Tgt Ion: 98 Resp: 232742
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5



#56
Ethyl methacrylate
Concen: 2.768 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

Tgt Ion: 69 Resp: 55
Ion Ratio Lower Upper
69 100
41 0.0 39.1 58.7#
39 0.0 20.0 30.0#

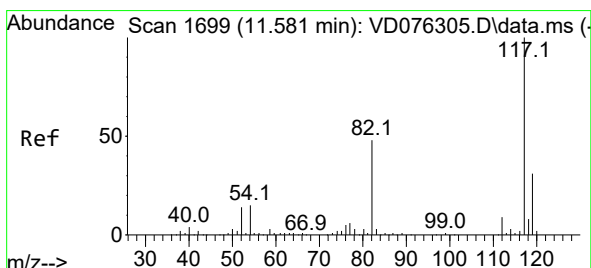
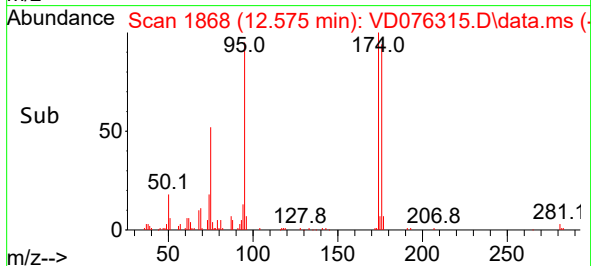
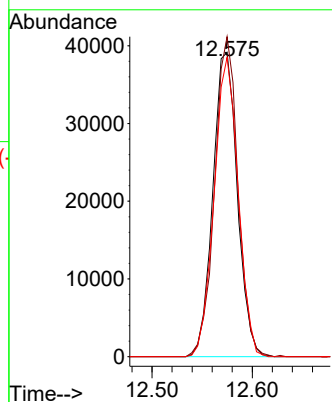
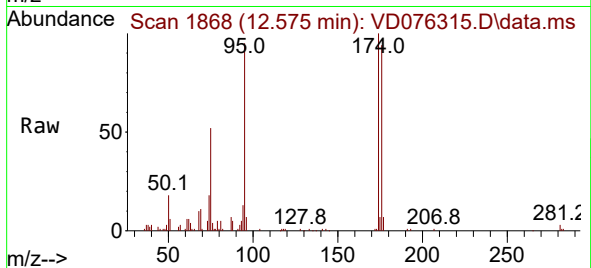




#62
4-Bromofluorobenzene
Concen: 45.461 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

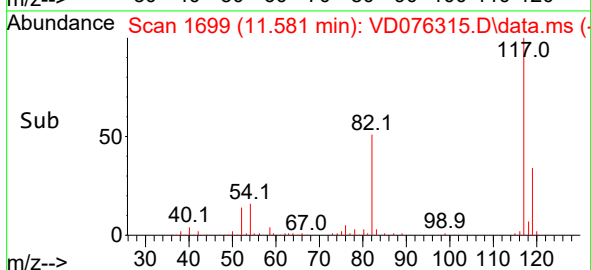
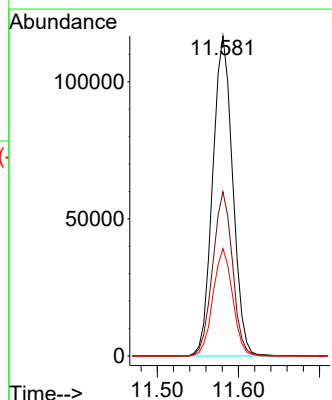
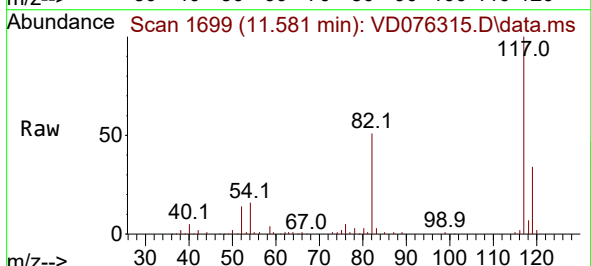
Instrument :
MSVOA_D
ClientSampleId :
TP16-0A

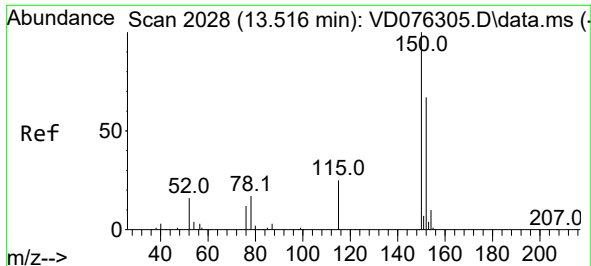
Tgt Ion: 95 Resp: 66288
Ion Ratio Lower Upper
95 100
174 100.5 0.0 201.8
176 96.5 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

Tgt Ion: 117 Resp: 200074
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 33.5 25.0 37.4

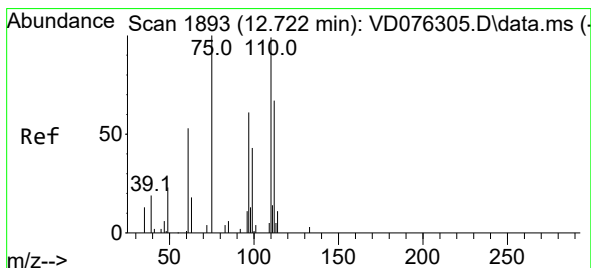
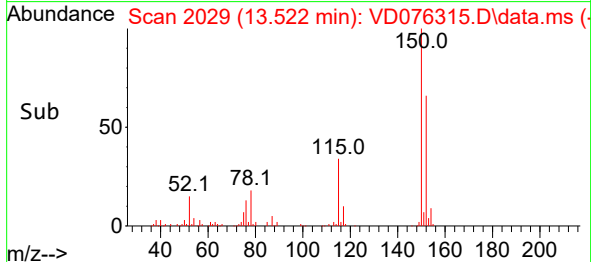
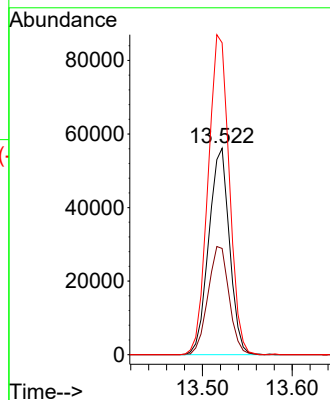
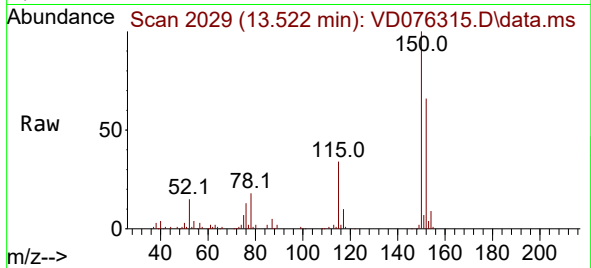




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD076315.D
 Acq: 02 Jun 2023 15:59

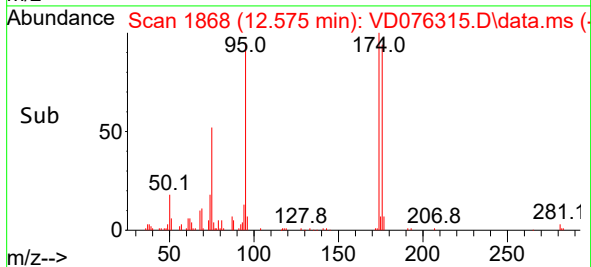
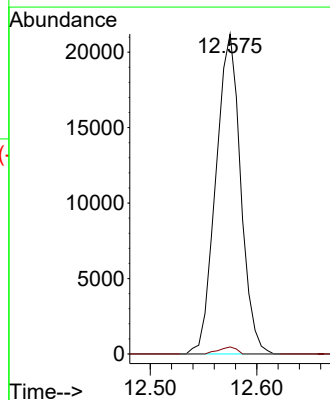
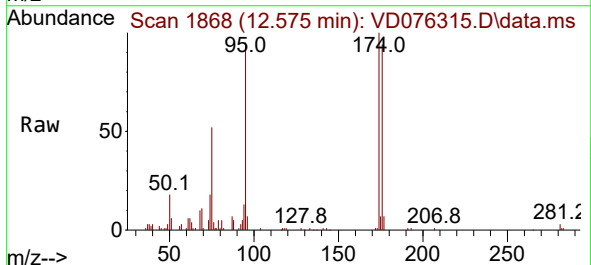
Instrument :
 MSVOA_D
 ClientSampleId :
 TP16-0A

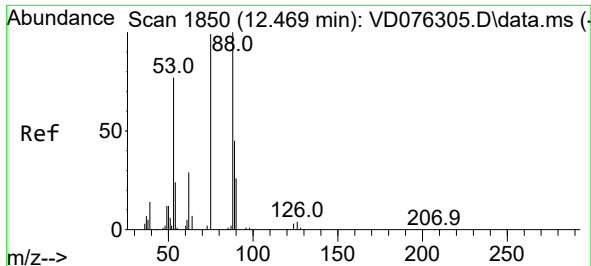
Tgt Ion:152 Resp: 90036
 Ion Ratio Lower Upper
 152 100
 115 53.4 27.1 81.3
 150 158.4 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 42.257 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076315.D
 Acq: 02 Jun 2023 15:59

Tgt Ion: 75 Resp: 34228
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

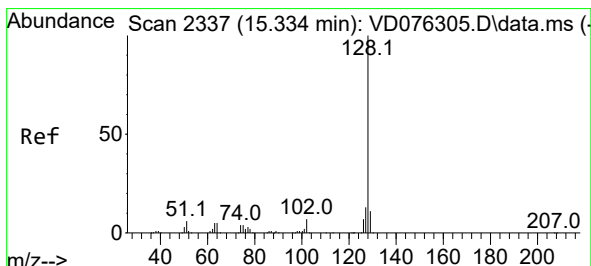
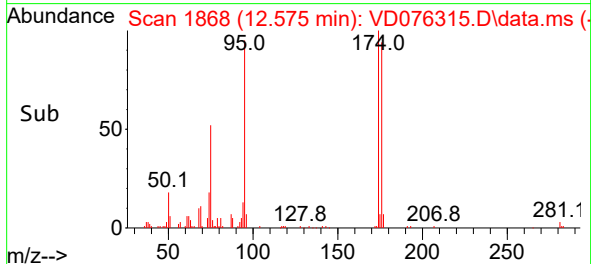
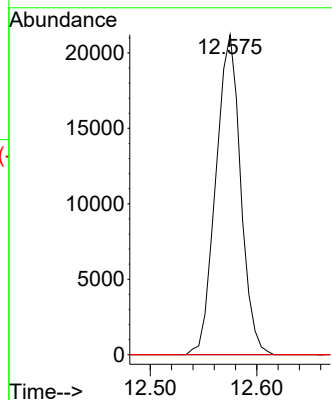
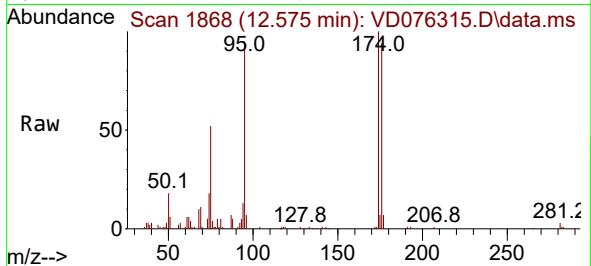




#81
trans-1,4-Dichloro-2-butene
Concen: 96.934 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

Instrument :
MSVOA_D
ClientSampleId :
TP16-0A

Tgt Ion: 75 Resp: 34228
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 4.379 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076315.D
Acq: 02 Jun 2023 15:59

Tgt Ion: 128 Resp: 2409
Ion Ratio Lower Upper
128 100
127 18.8 10.5 15.7#
129 0.0 8.7 13.1#

