

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022223\
 Data File : VD075396.D
 Acq On : 22 Feb 2023 12:49
 Operator : KP/SY
 Sample : VD0222SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0222SBL01

Quant Time: Feb 22 22:36:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 16:26:04 2023
 Response via : Initial Calibration

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

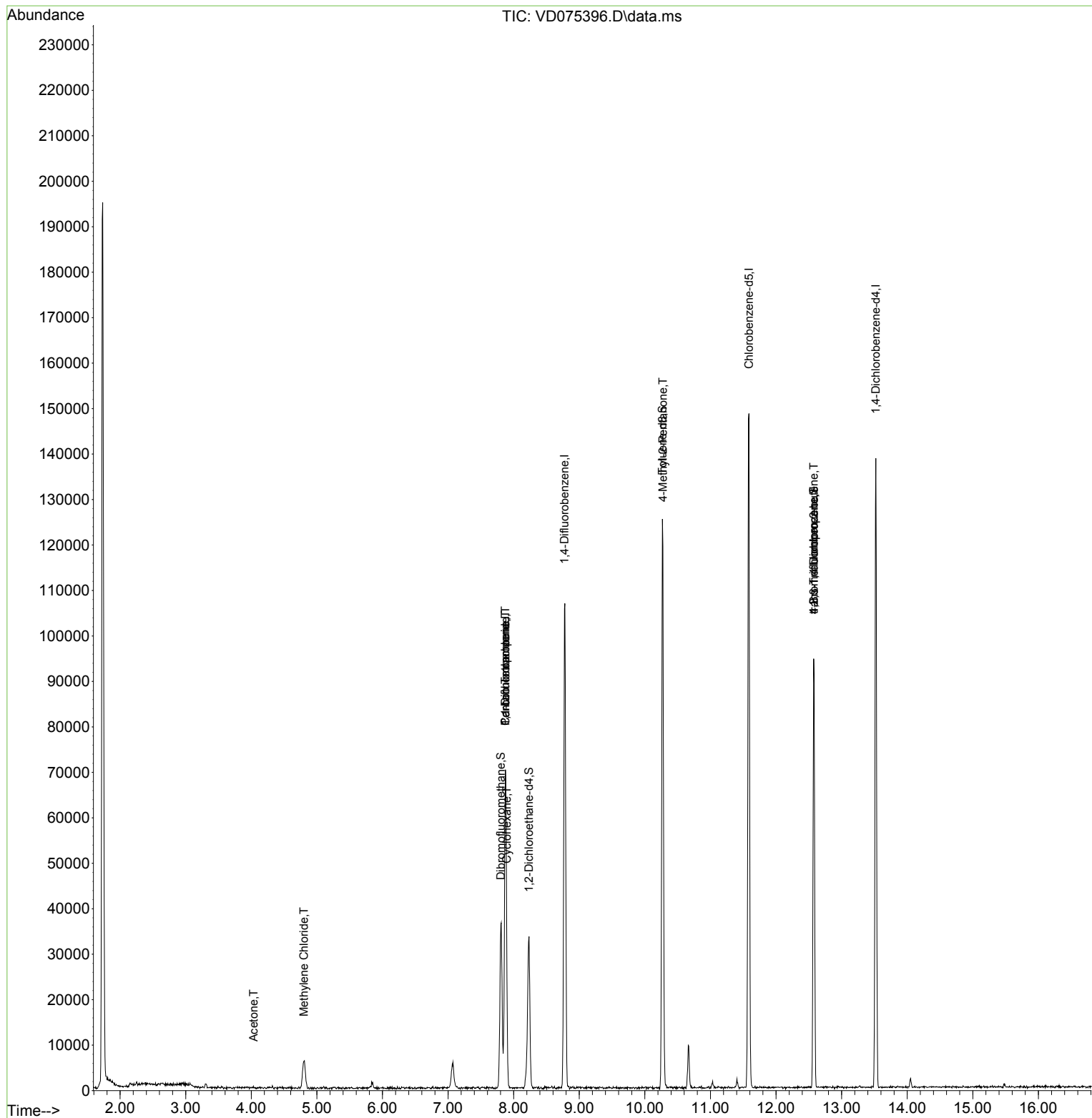
Internal Standards						
1) Pentafluorobenzene	7.875	168	52724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	91294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	83201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	35496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	25376	56.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.600%
35) Dibromofluoromethane	7.804	113	26314	48.553	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.100%
50) Toluene-d8	10.269	98	82129	41.990	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.980%
62) 4-Bromofluorobenzene	12.575	95	28006	42.643	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.280%
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	261	1.913	ug/l #	44
20) Methylene Chloride	4.805	84	4834	1.326	ug/l #	90
31) Cyclohexane	7.893	56	1426	1.333	ug/l #	73
36) 1,1-Dichloropropene	7.875	75	4699	4.837	ug/l #	48
38) Carbon Tetrachloride	7.875	117	5295	5.440	ug/l #	13
51) 4-Methyl-2-Pentanone	10.275	43	436	1.205	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	15059	57.242	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	15059	128.367	ug/l #	5

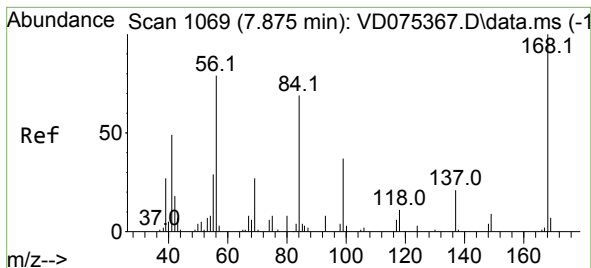
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBL01

Quant Time: Feb 22 22:36:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 21 16:26:04 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: VD075396.D

Acq: 22 Feb 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

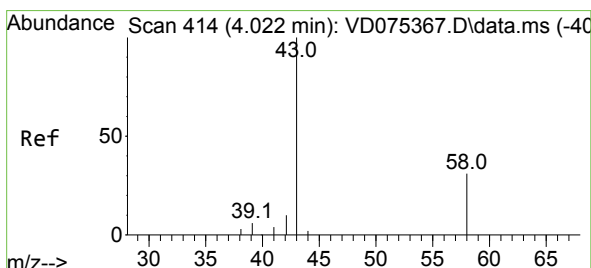
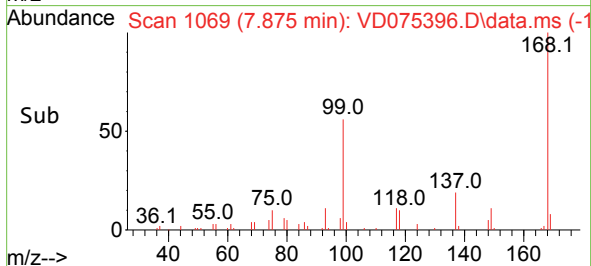
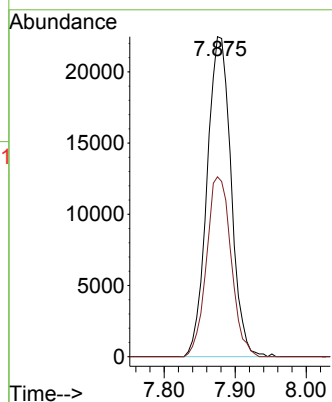
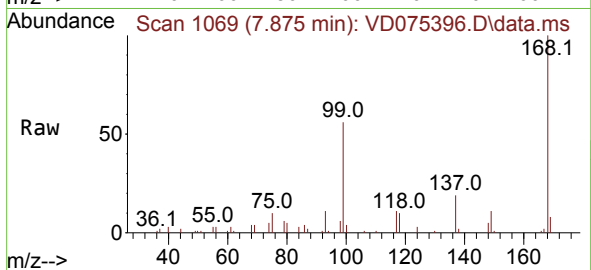
VD0222SBL01

Tgt Ion:168 Resp: 52724

Ion Ratio Lower Upper

168 100

99 56.2 43.8 65.6



#16

Acetone

Concen: 1.913 ug/l

RT: 4.034 min Scan# 416

Delta R.T. 0.012 min

Lab File: VD075396.D

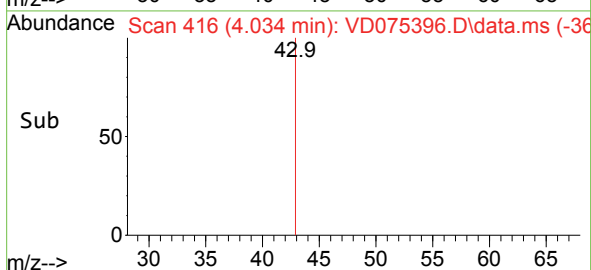
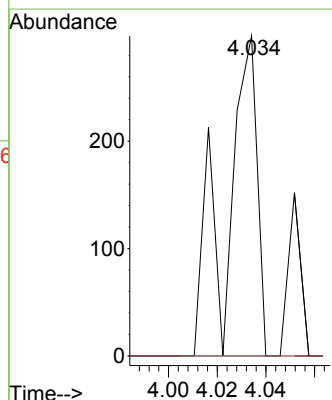
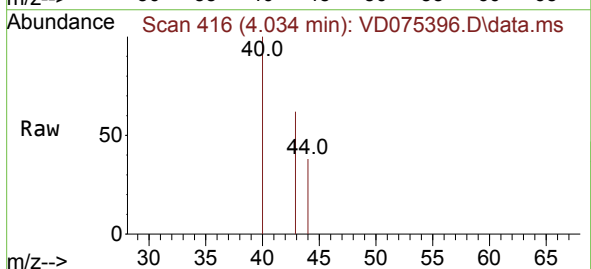
Acq: 22 Feb 2023 12:49

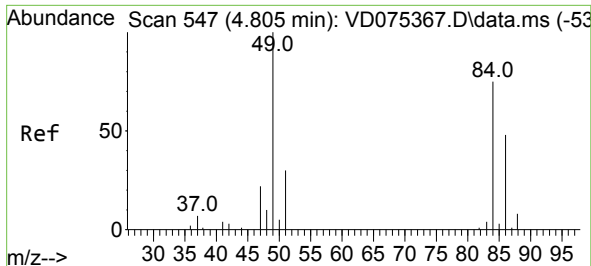
Tgt Ion: 43 Resp: 261

Ion Ratio Lower Upper

43 100

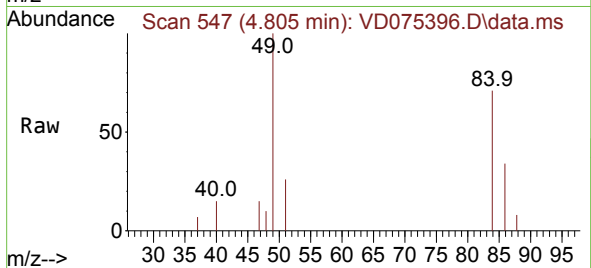
58 0.0 24.4 36.6#



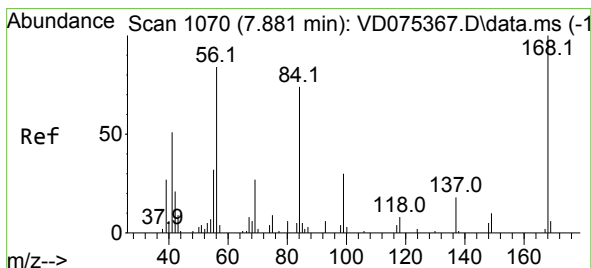
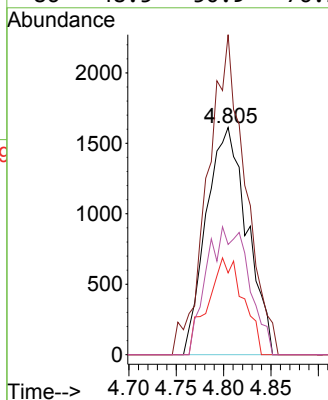
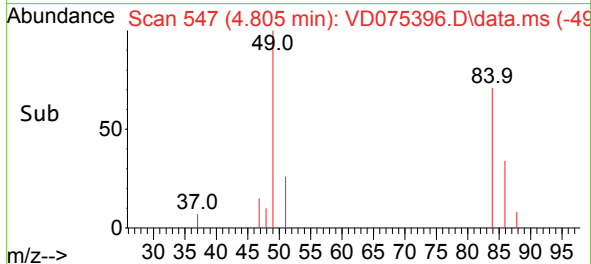


#20
Methylene Chloride
Concen: 1.326 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD075396.D
Acq: 22 Feb 2023 12:49

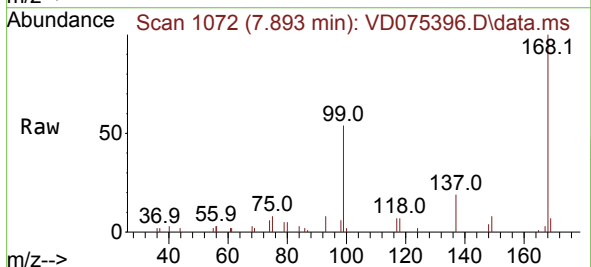
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBL01



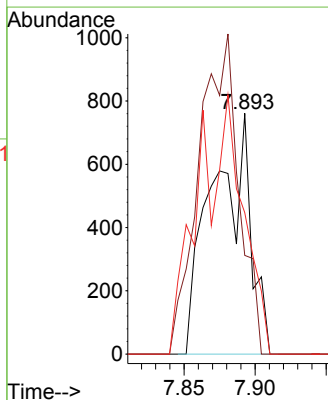
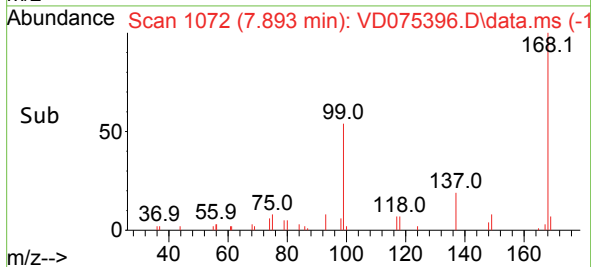
Tgt Ion:	84	Resp:	4834
Ion	Ratio	Lower	Upper
84	100		
49	140.9	106.4	159.6
51	36.0	32.4	48.6
86	48.5	50.9	76.3

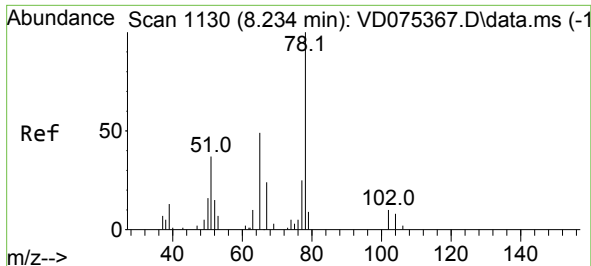


#31
Cyclohexane
Concen: 1.333 ug/l
RT: 7.893 min Scan# 1072
Delta R.T. 0.012 min
Lab File: VD075396.D
Acq: 22 Feb 2023 12:49



Tgt Ion:	56	Resp:	1426
Ion	Ratio	Lower	Upper
56	100		
69	41.0	25.5	38.3
84	58.7	69.6	104.4





#33

1,2-Dichloroethane-d4

Concen: 56.298 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075396.D

Acq: 22 Feb 2023 12:49

Instrument :

MSVOA_D

ClientSampleId :

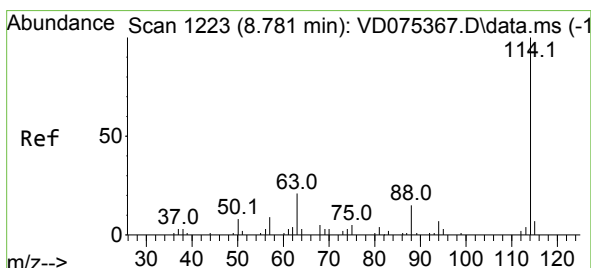
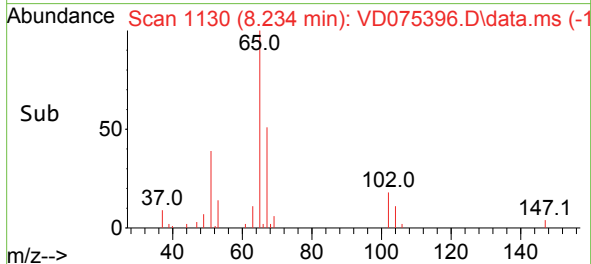
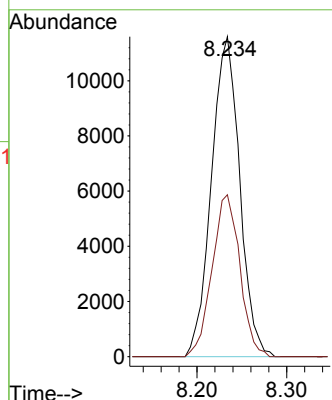
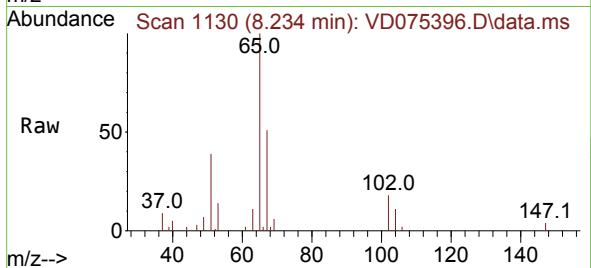
VD0222SBL01

Tgt Ion: 65 Resp: 25376

Ion Ratio Lower Upper

65 100

67 49.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD075396.D

Acq: 22 Feb 2023 12:49

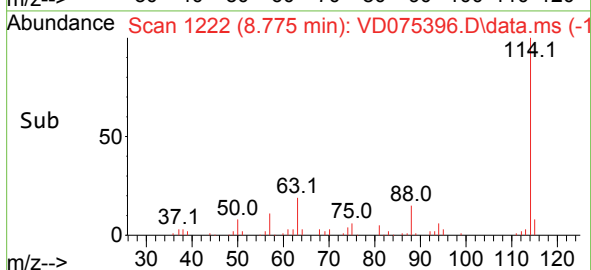
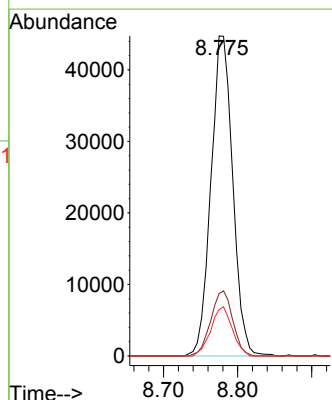
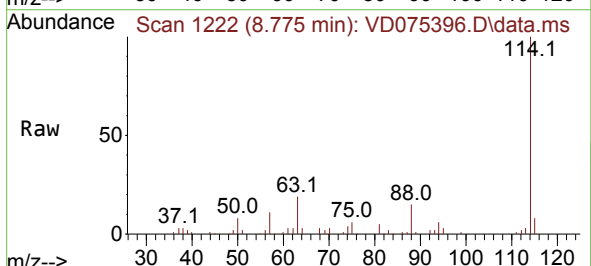
Tgt Ion: 114 Resp: 91294

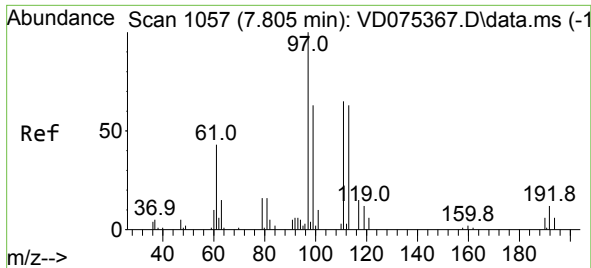
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 14.5 0.0 30.6

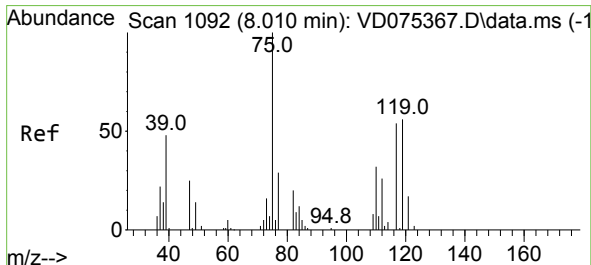
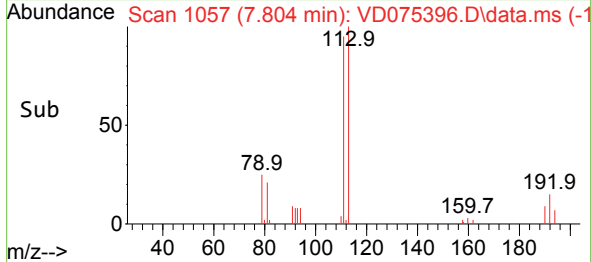
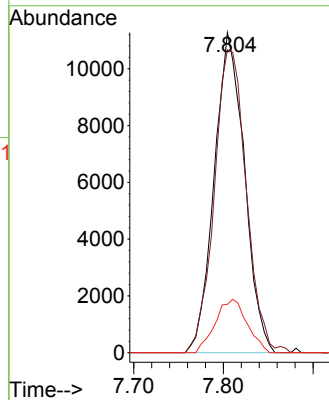
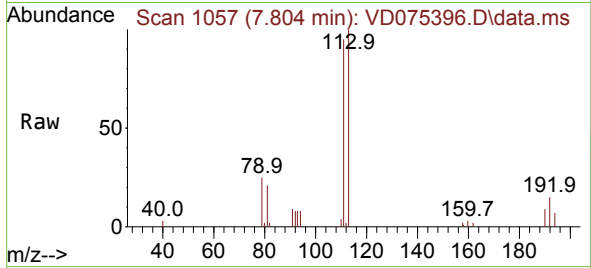




#35
Dibromofluoromethane
Concen: 48.553 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075396.D
Acq: 22 Feb 2023 12:49

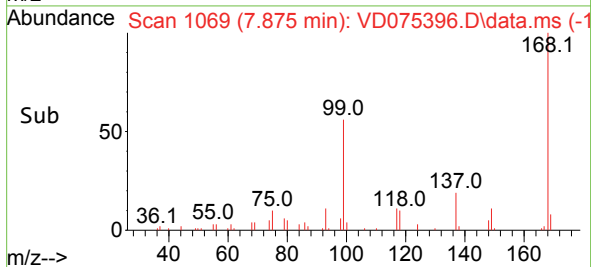
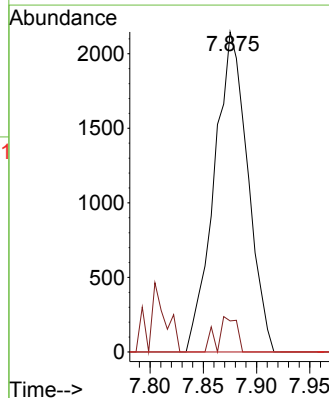
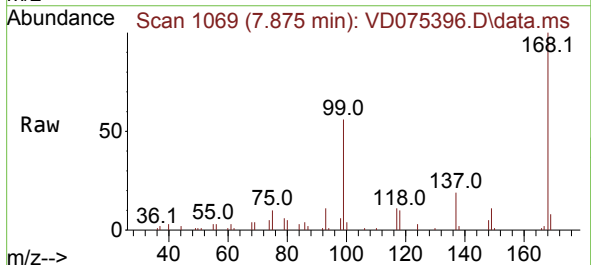
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBL01

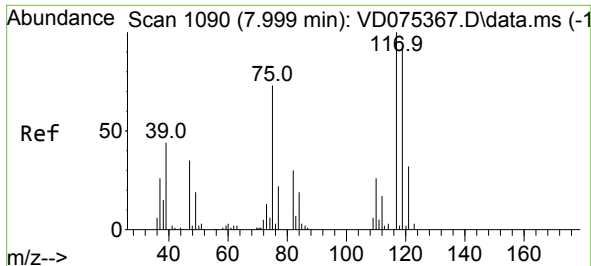
Tgt Ion:	113	Resp:	26314
Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.4	122.0
192	17.6	15.2	22.8



#36
1,1-Dichloropropene
Concen: 4.837 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075396.D
Acq: 22 Feb 2023 12:49

Tgt Ion:	75	Resp:	4699
Ion	Ratio	Lower	Upper
75	100		
110	6.2	17.1	51.2#
77	0.0	24.6	36.8#

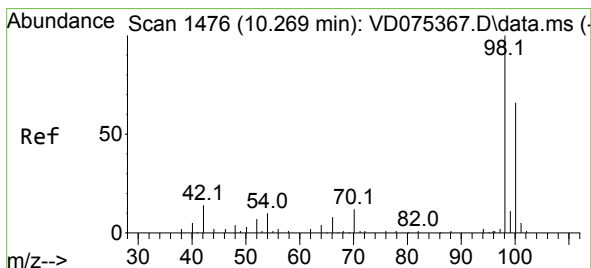
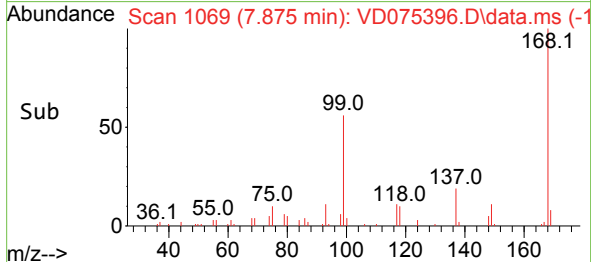
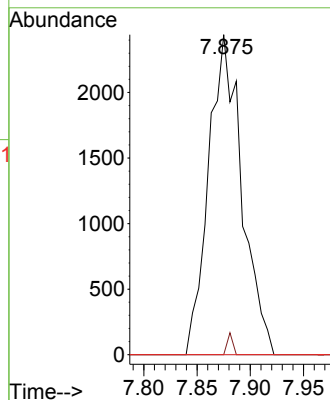
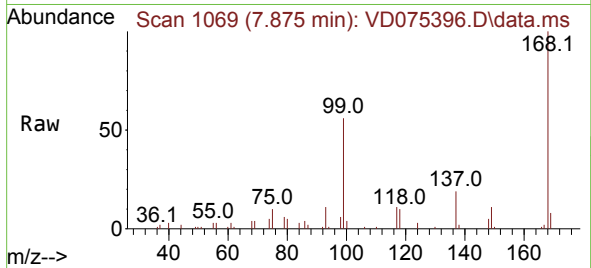




#38
Carbon Tetrachloride
Concen: 5.440 ug/l
RT: 7.875 min Scan# 1090
Delta R.T. -0.124 min
Lab File: VD075396.D
Acq: 22 Feb 2023 12:49

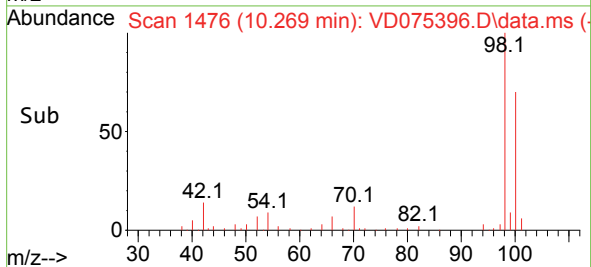
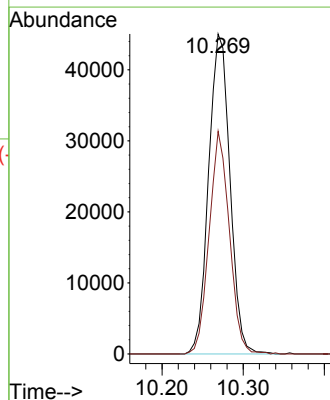
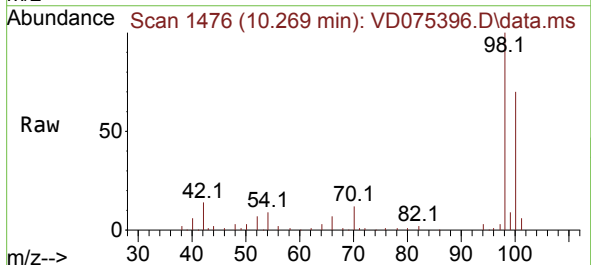
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBL01

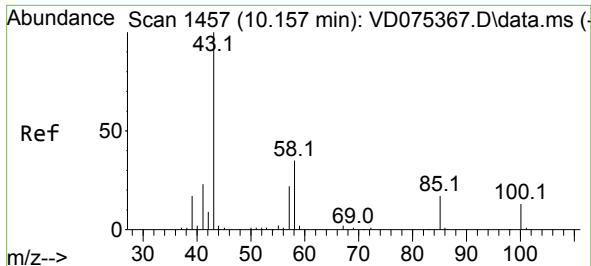
Tgt Ion:117 Resp: 5295
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 41.990 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075396.D
Acq: 22 Feb 2023 12:49

Tgt Ion: 98 Resp: 82129
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1

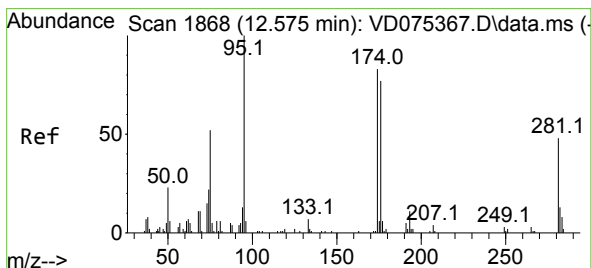
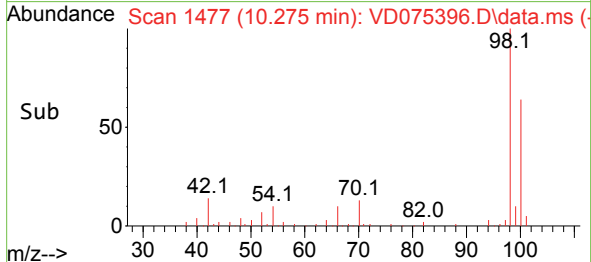
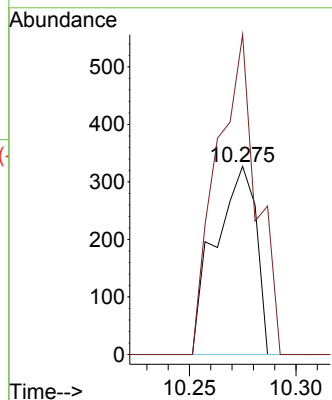
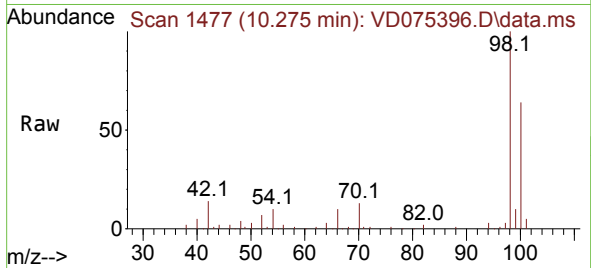




#51
4-Methyl-2-Pentanone
Concen: 1.205 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD075396.D
Acq: 22 Feb 2023 12:49

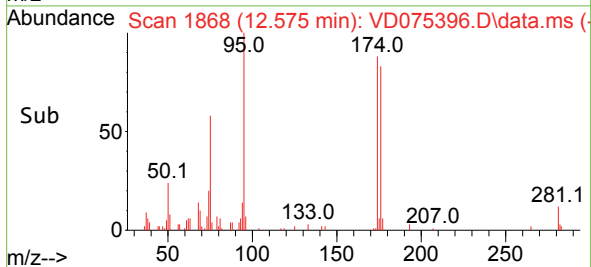
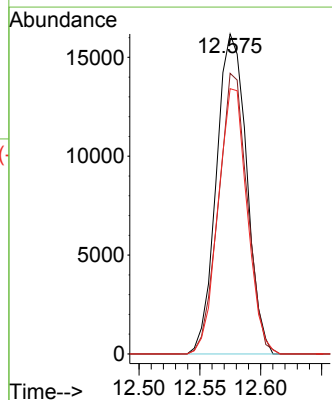
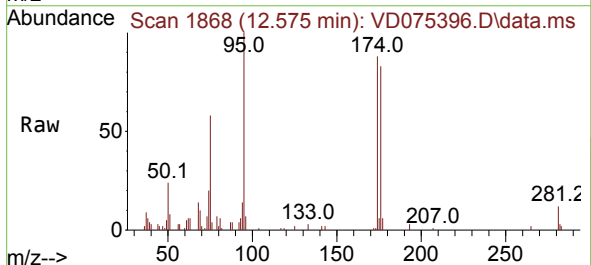
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBL01

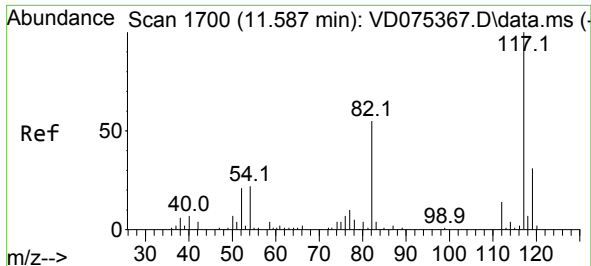
Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
58 166.1 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 42.643 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075396.D
Acq: 22 Feb 2023 12:49

Tgt Ion: 95 Resp: 28006
Ion Ratio Lower Upper
95 100
174 83.6 0.0 164.0
176 79.7 0.0 156.8

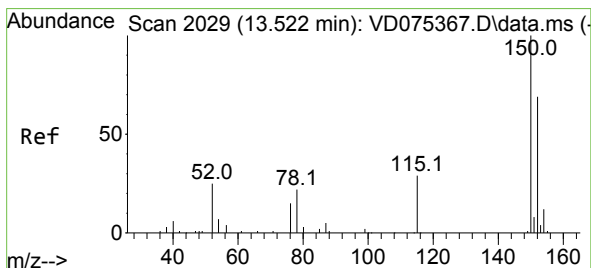
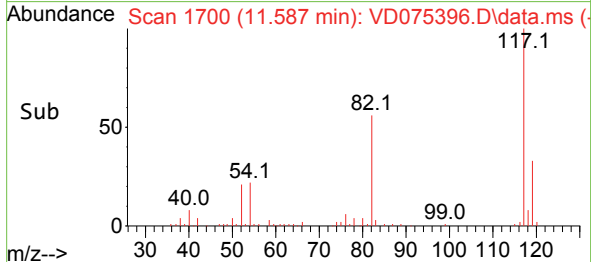
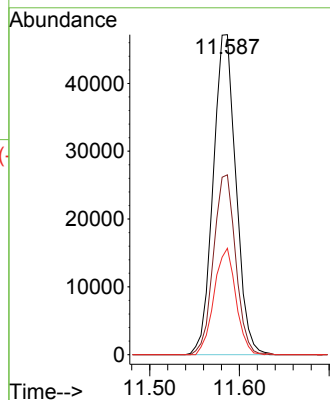
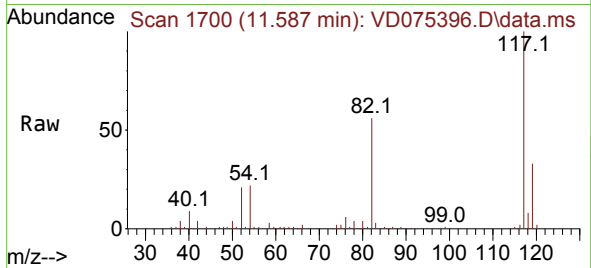




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075396.D
Acq: 22 Feb 2023 12:49

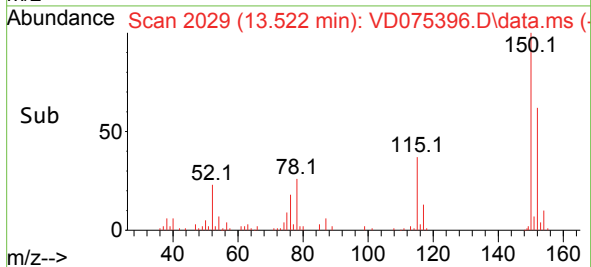
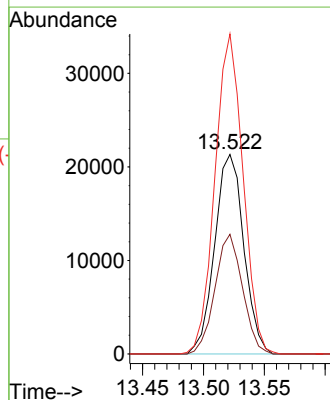
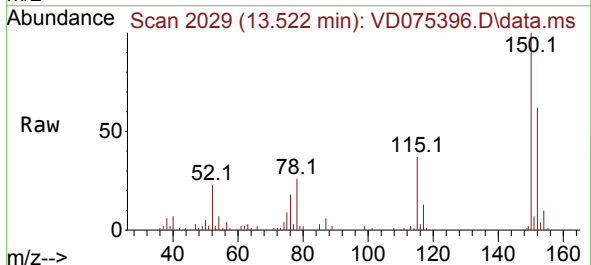
Instrument :
MSVOA_D
ClientSampleId :
VD0222SBL01

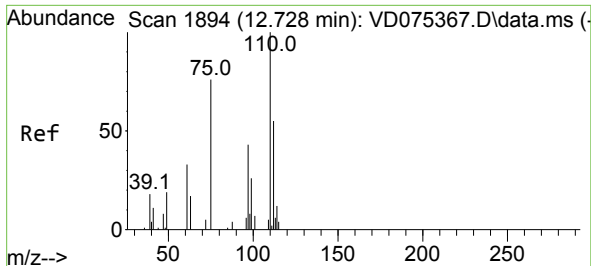
Tgt Ion:117 Resp: 83201
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 33.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075396.D
Acq: 22 Feb 2023 12:49

Tgt Ion:152 Resp: 35496
Ion Ratio Lower Upper
152 100
115 56.7 30.1 90.3
150 154.8 0.0 364.8

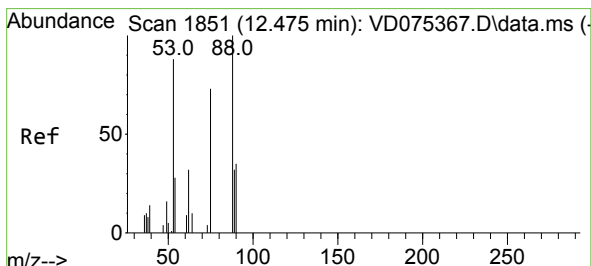
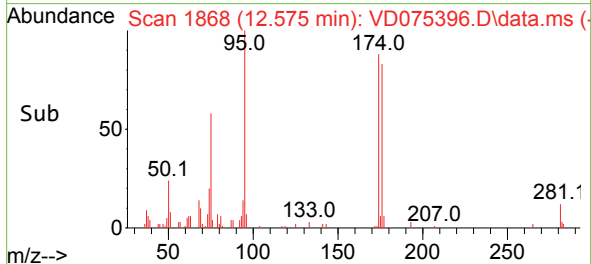
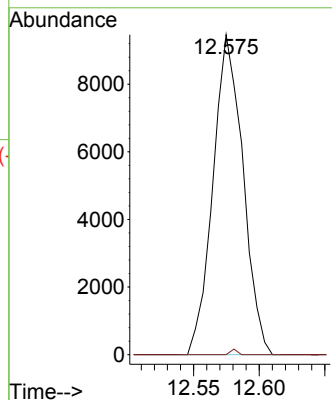
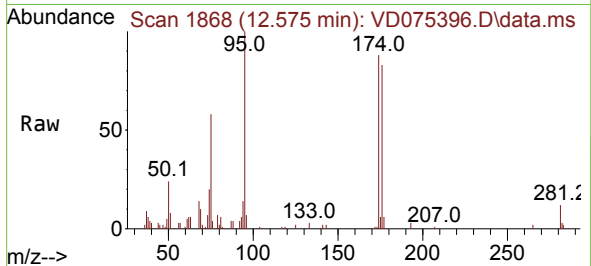




#76
1,2,3-Trichloropropane
Concen: 57.242 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075396.D
Acq: 22 Feb 2023 12:49

Instrument :
MSVOA_D
ClientSampleId :
VD0222SBL01

Tgt Ion: 75 Resp: 15059
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.367 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075396.D
Acq: 22 Feb 2023 12:49

Tgt Ion: 75 Resp: 15059
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

