

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077415.D
 Acq On : 25 Oct 2023 15:40
 Operator : JC/SY
 Sample : 05010-01
 Misc : 5.64G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 26 07:00:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

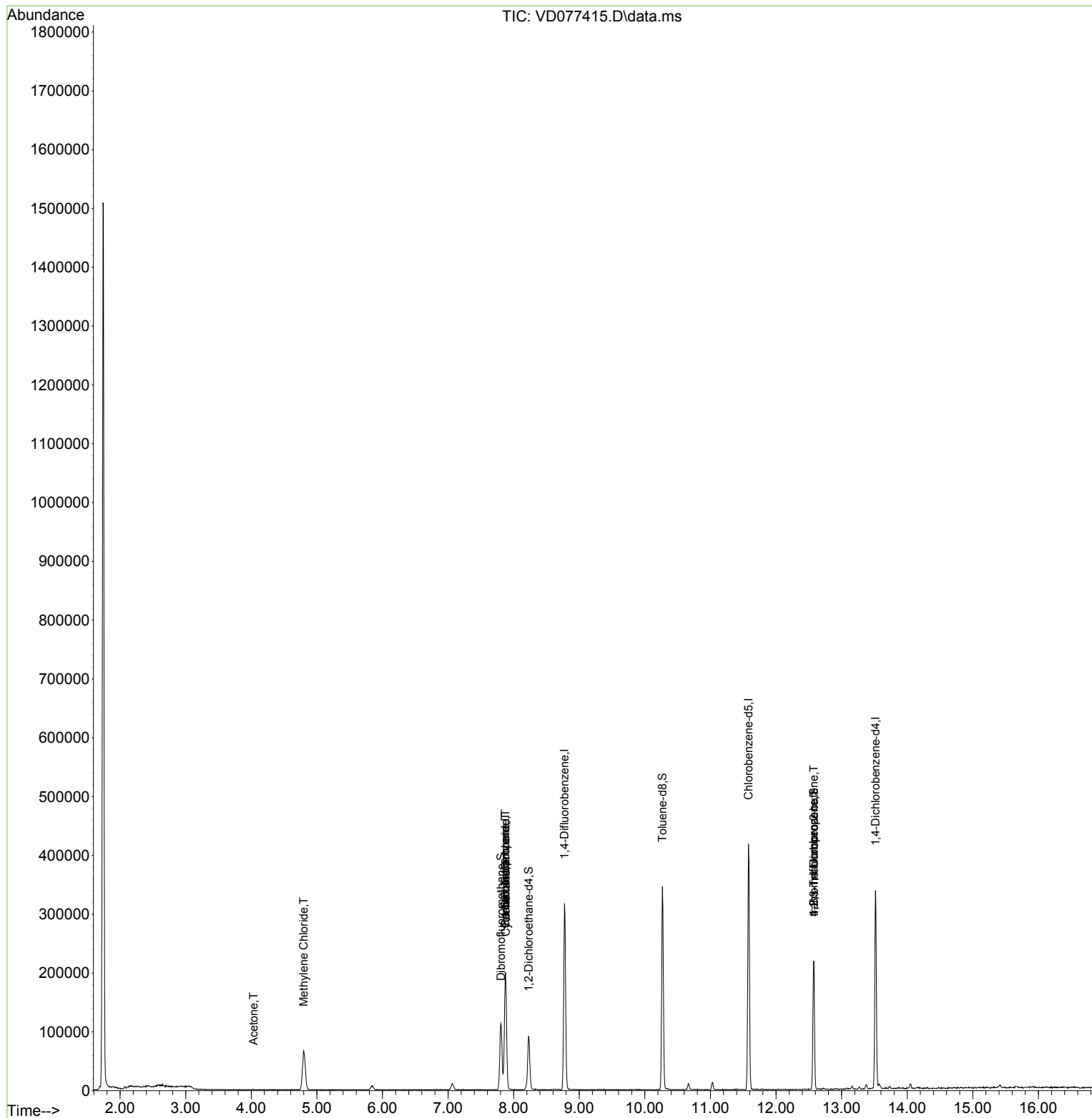
Internal Standards						
1) Pentafluorobenzene	7.875	168	166463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	305994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	264114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	67961	45.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.440%
35) Dibromofluoromethane	7.810	113	85364	39.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.420%
50) Toluene-d8	10.269	98	250188	32.497	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	65.000%
62) 4-Bromofluorobenzene	12.575	95	66962	30.215	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.420%
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	514	1.577	ug/l #	32
20) Methylene Chloride	4.799	84	57755	27.090	ug/l	98
31) Cyclohexane	7.881	56	3091	1.337	ug/l #	9
36) 1,1-Dichloropropene	7.875	75	11752	4.160	ug/l #	43
38) Carbon Tetrachloride	7.875	117	15626	4.973	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	30970	24.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	30970	82.632	ug/l #	17

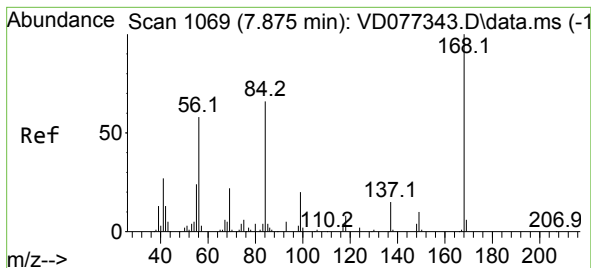
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 18 03:02:43 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: VD077415.D

Acq: 25 Oct 2023 15:40

Instrument :

MSVOA_D

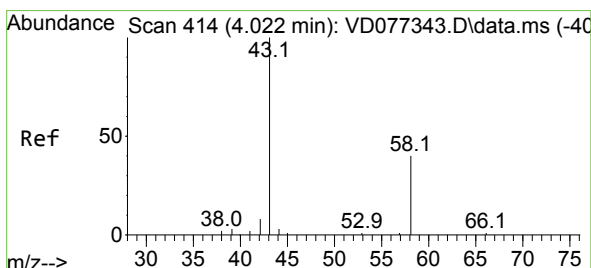
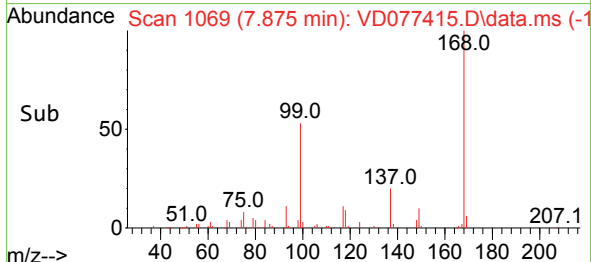
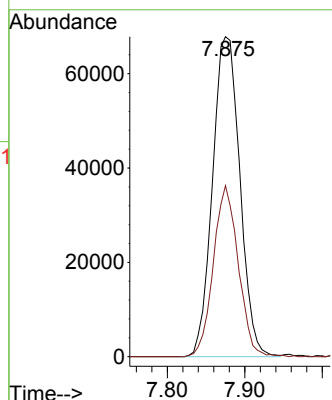
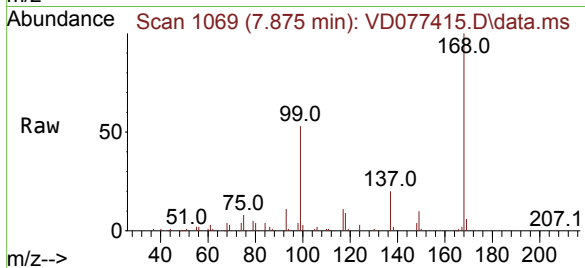
ClientSampleId :

Tgt Ion:168 Resp: 166463

Ion Ratio Lower Upper

168 100

99 53.5 36.7 55.1



#16

Acetone

Concen: 1.577 ug/l

RT: 4.034 min Scan# 416

Delta R.T. 0.012 min

Lab File: VD077415.D

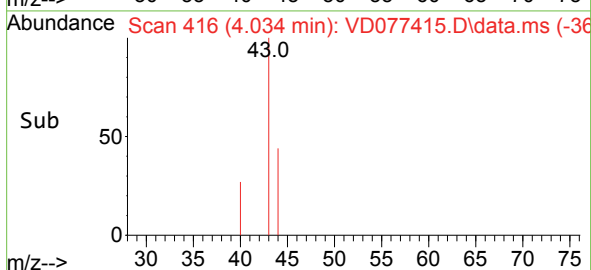
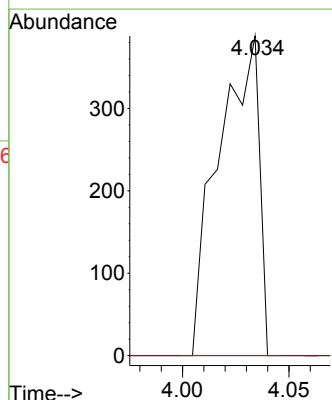
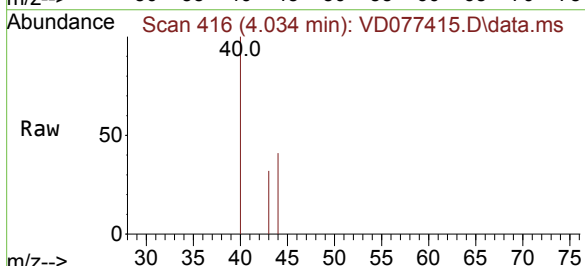
Acq: 25 Oct 2023 15:40

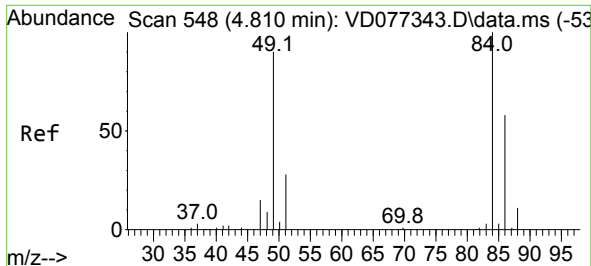
Tgt Ion: 43 Resp: 514

Ion Ratio Lower Upper

43 100

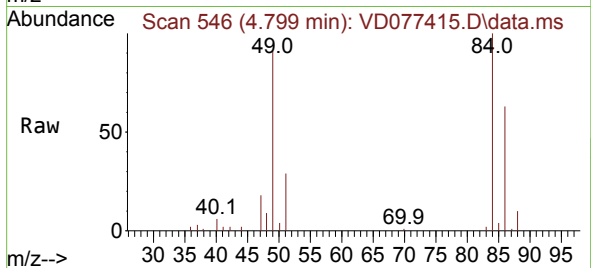
58 0.0 34.7 52.1#



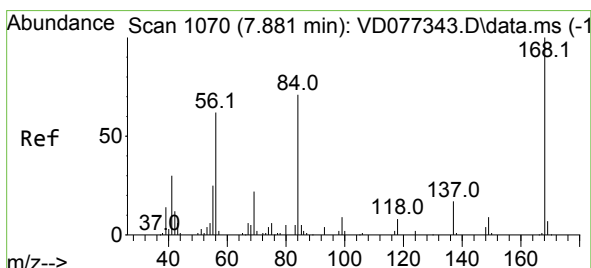
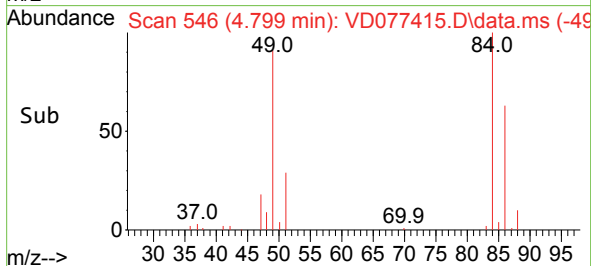
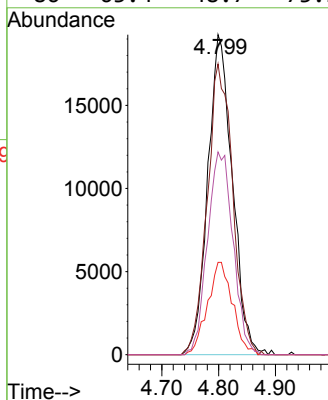


#20
Methylene Chloride
Concen: 27.090 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.011 min
Lab File: VD077415.D
Acq: 25 Oct 2023 15:40

Instrument :
MSVOA_D
ClientSampleId :

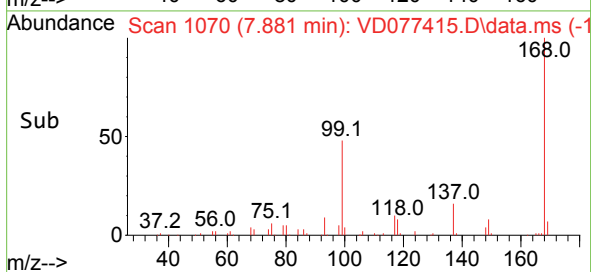
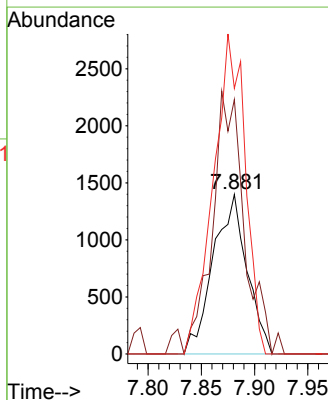
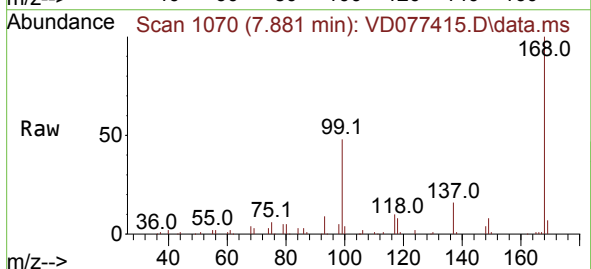


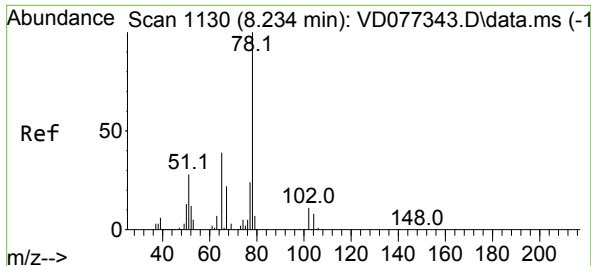
Tgt Ion:	84	Resp:	57755
Ion	Ratio	Lower	Upper
84	100		
49	90.9	71.4	107.2
51	28.9	24.5	36.7
86	63.4	48.7	73.1



#31
Cyclohexane
Concen: 1.337 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD077415.D
Acq: 25 Oct 2023 15:40

Tgt Ion:	56	Resp:	3091
Ion	Ratio	Lower	Upper
56	100		
69	146.2	28.6	43.0#
84	166.4	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 45.721 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077415.D

Acq: 25 Oct 2023 15:40

Instrument :

MSVOA_D

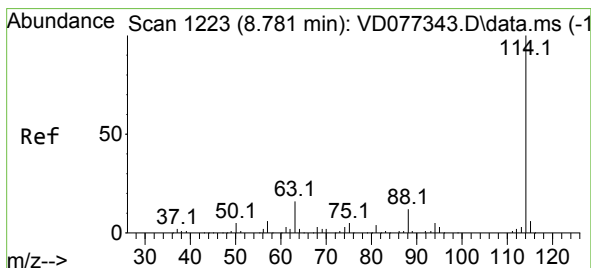
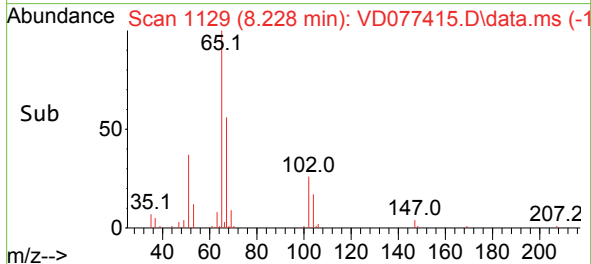
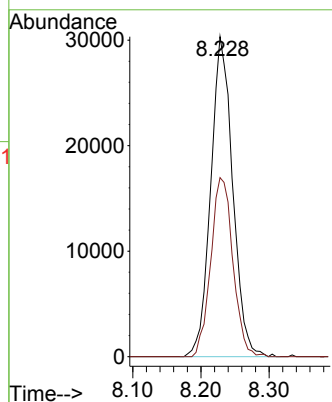
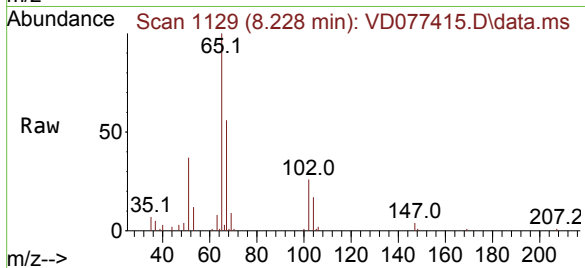
ClientSampleId :

Tgt Ion: 65 Resp: 67961

Ion Ratio Lower Upper

65 100

67 56.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077415.D

Acq: 25 Oct 2023 15:40

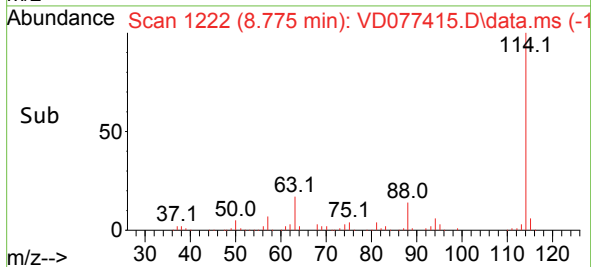
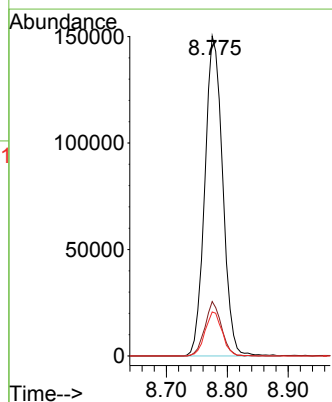
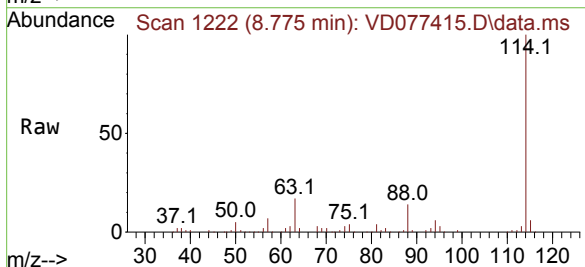
Tgt Ion: 114 Resp: 305994

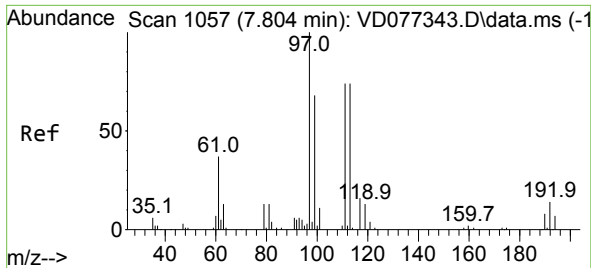
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 13.8 0.0 26.2

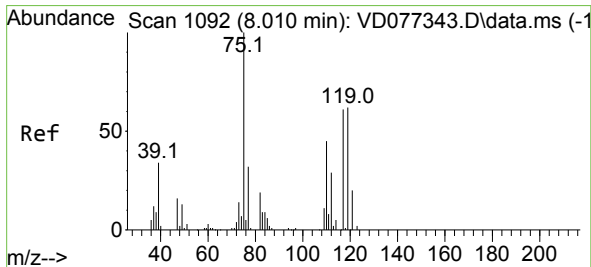
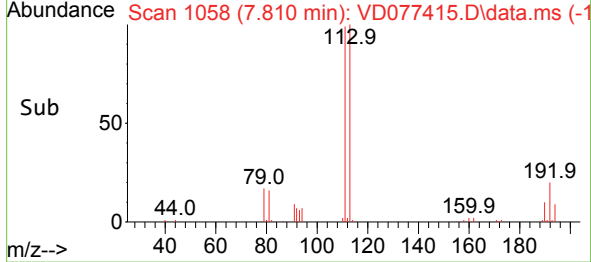
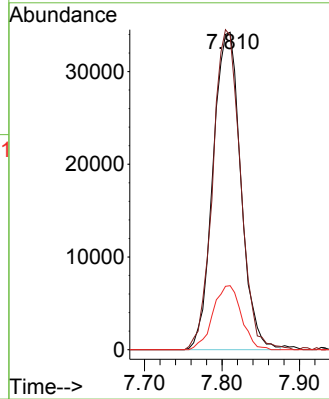
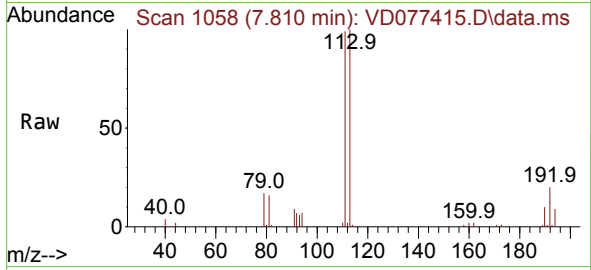




#35
Dibromofluoromethane
Concen: 39.709 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077415.D
Acq: 25 Oct 2023 15:40

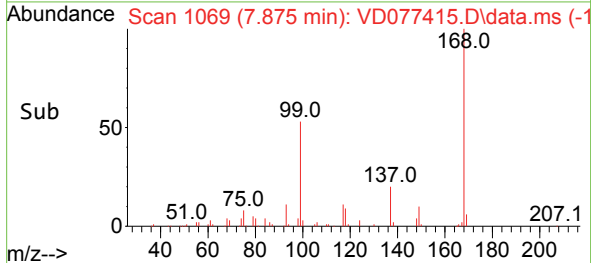
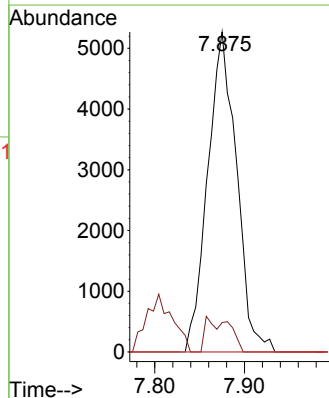
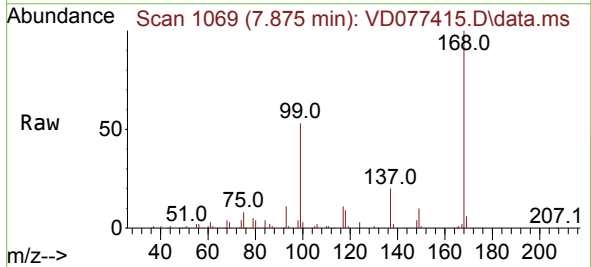
Instrument :
MSVOA_D
ClientSampleId :

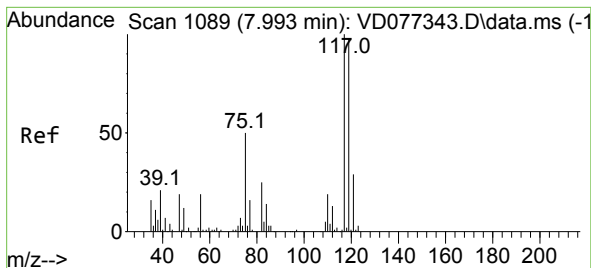
Tgt Ion:113 Resp: 85364
Ion Ratio Lower Upper
113 100
111 100.2 84.7 127.1
192 20.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.160 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD077415.D
Acq: 25 Oct 2023 15:40

Tgt Ion: 75 Resp: 11752
Ion Ratio Lower Upper
75 100
110 4.3 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.973 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

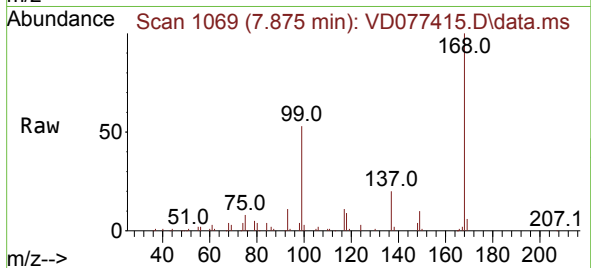
Lab File: VD077415.D

Acq: 25 Oct 2023 15:40

Instrument :

MSVOA_D

ClientSampleId :



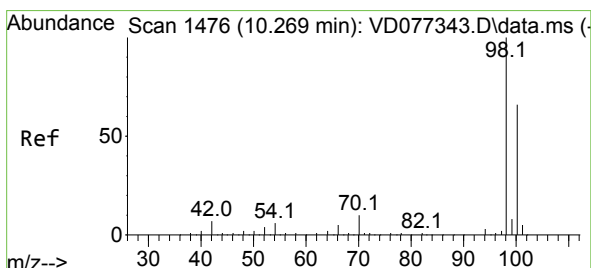
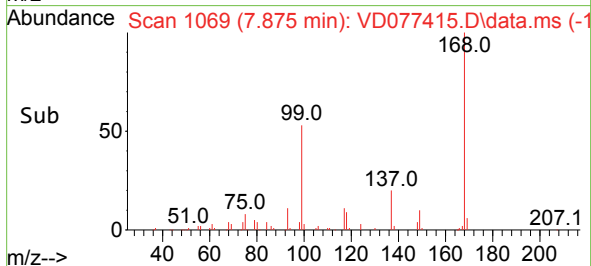
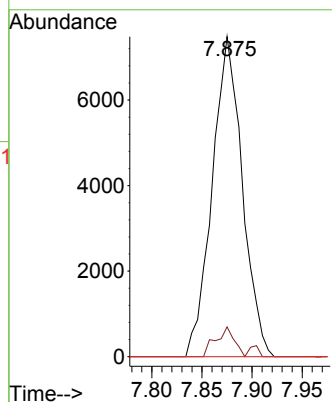
Tgt Ion:117 Resp: 15626

Ion Ratio Lower Upper

117 100

119 9.3 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 32.497 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077415.D

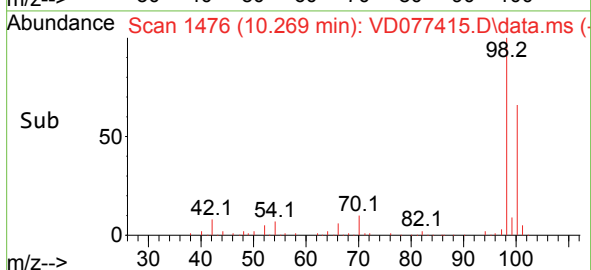
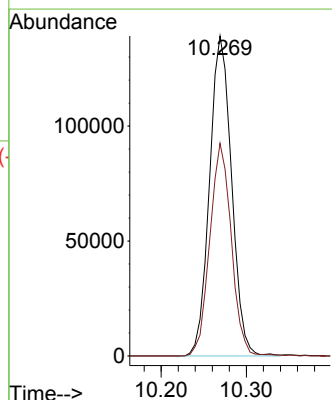
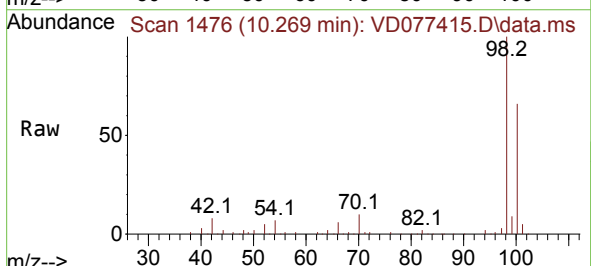
Acq: 25 Oct 2023 15:40

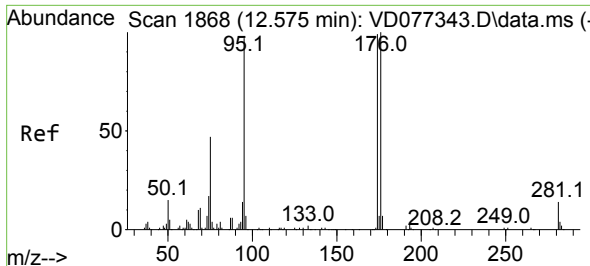
Tgt Ion: 98 Resp: 250188

Ion Ratio Lower Upper

98 100

100 64.9 50.3 75.5

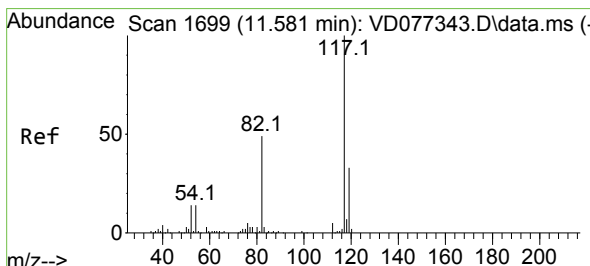
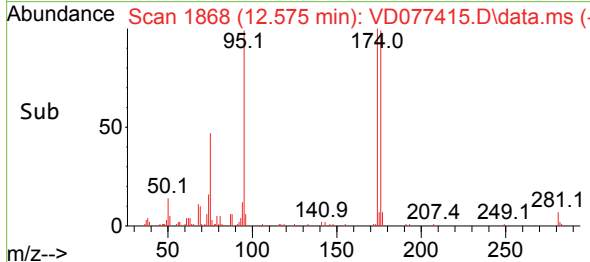
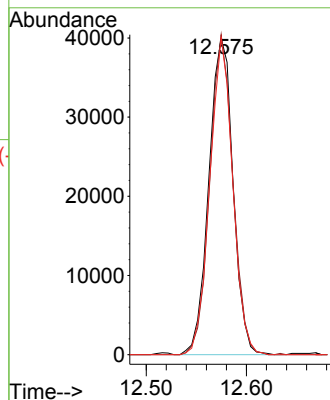
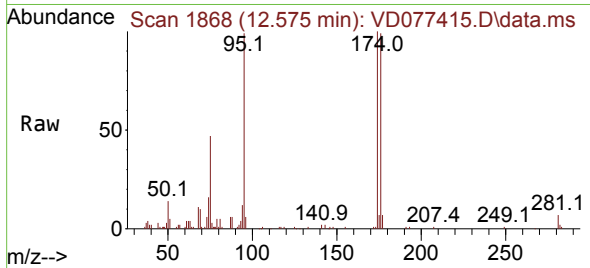




#62
4-Bromofluorobenzene
Concen: 30.215 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077415.D
Acq: 25 Oct 2023 15:40

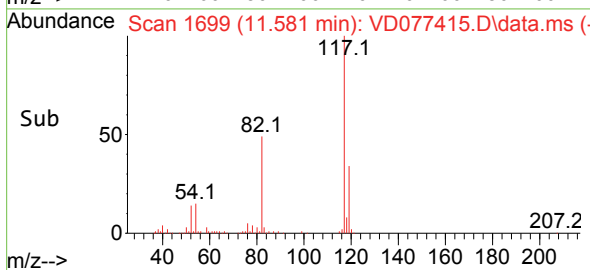
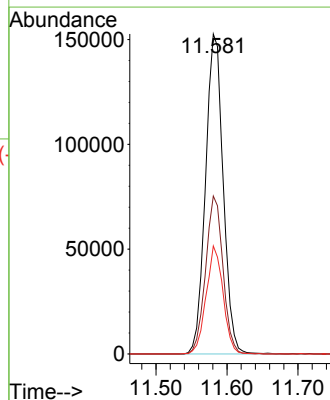
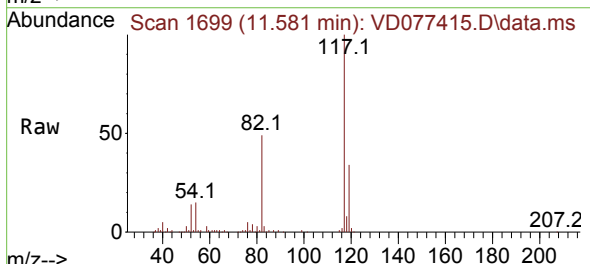
Instrument :
MSVOA_D
ClientSampleId :

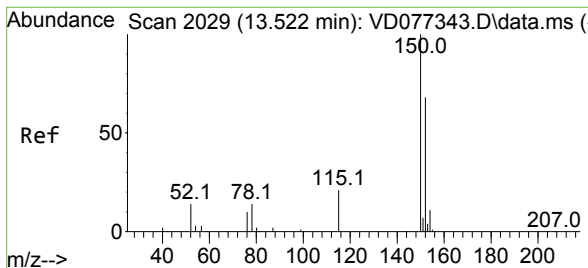
Tgt Ion:	95	Resp:	66962
Ion Ratio	Lower	Upper	
95	100		
174	96.3	0.0	201.8
176	94.6	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077415.D
Acq: 25 Oct 2023 15:40

Tgt Ion:	117	Resp:	264114
Ion Ratio	Lower	Upper	
117	100		
82	49.4	38.3	57.5
119	33.7	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD077415.D

Acq: 25 Oct 2023 15:40

Instrument :

MSVOA_D

ClientSampleId :

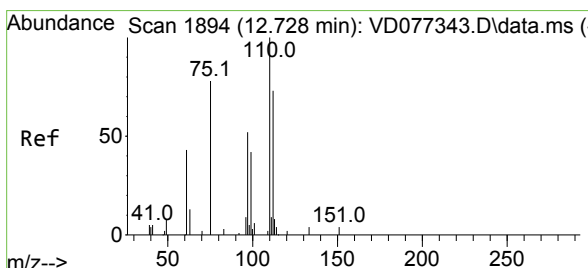
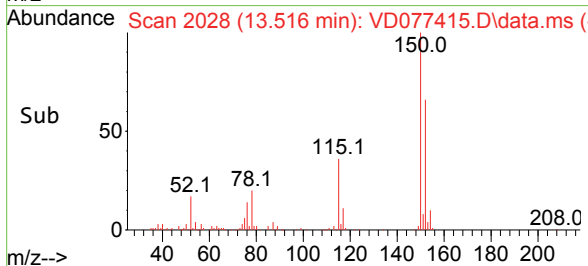
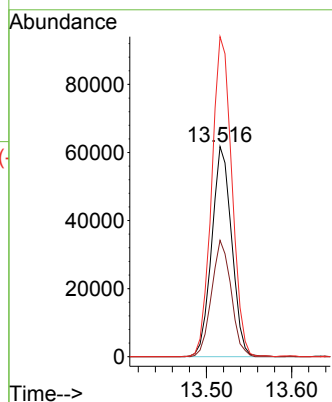
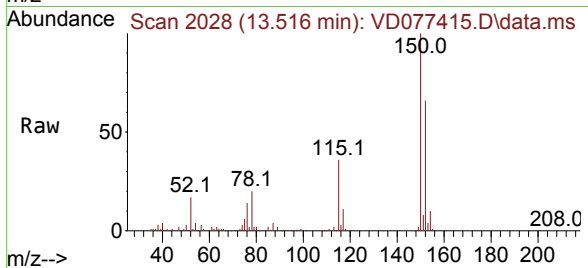
Tgt Ion:152 Resp: 100427

Ion Ratio Lower Upper

152 100

115 54.1 27.1 81.3

150 154.1 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 24.210 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD077415.D

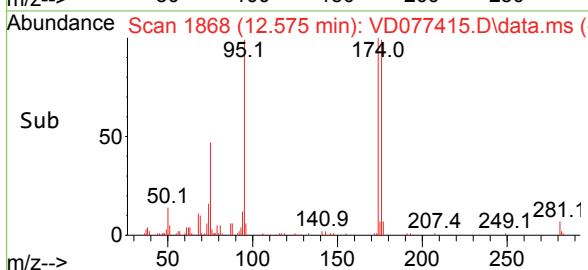
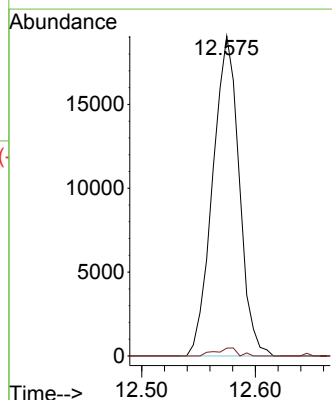
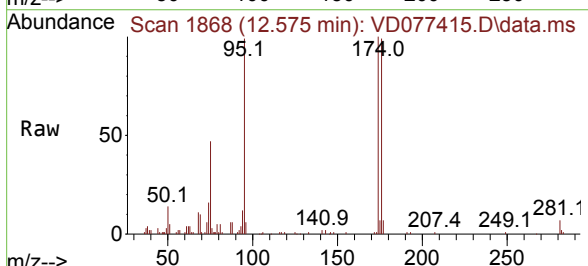
Acq: 25 Oct 2023 15:40

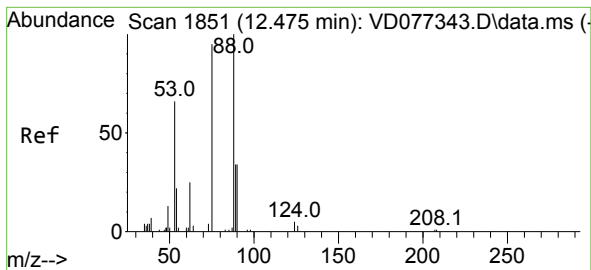
Tgt Ion: 75 Resp: 30970

Ion Ratio Lower Upper

75 100

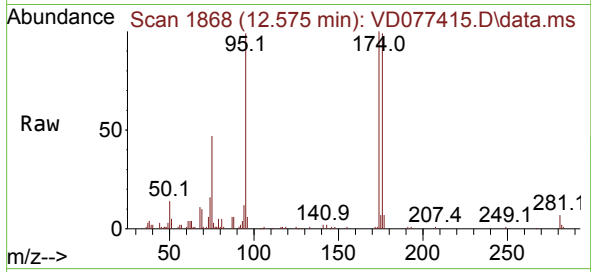
77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.632 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD077415.D
 Acq: 25 Oct 2023 15:40

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 30970
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 37.9 56.9#

