

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078370.D
 Acq On : 08 Feb 2024 15:37
 Operator : RP/MD
 Sample : P1389-03
 Misc : 6.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 03:10:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

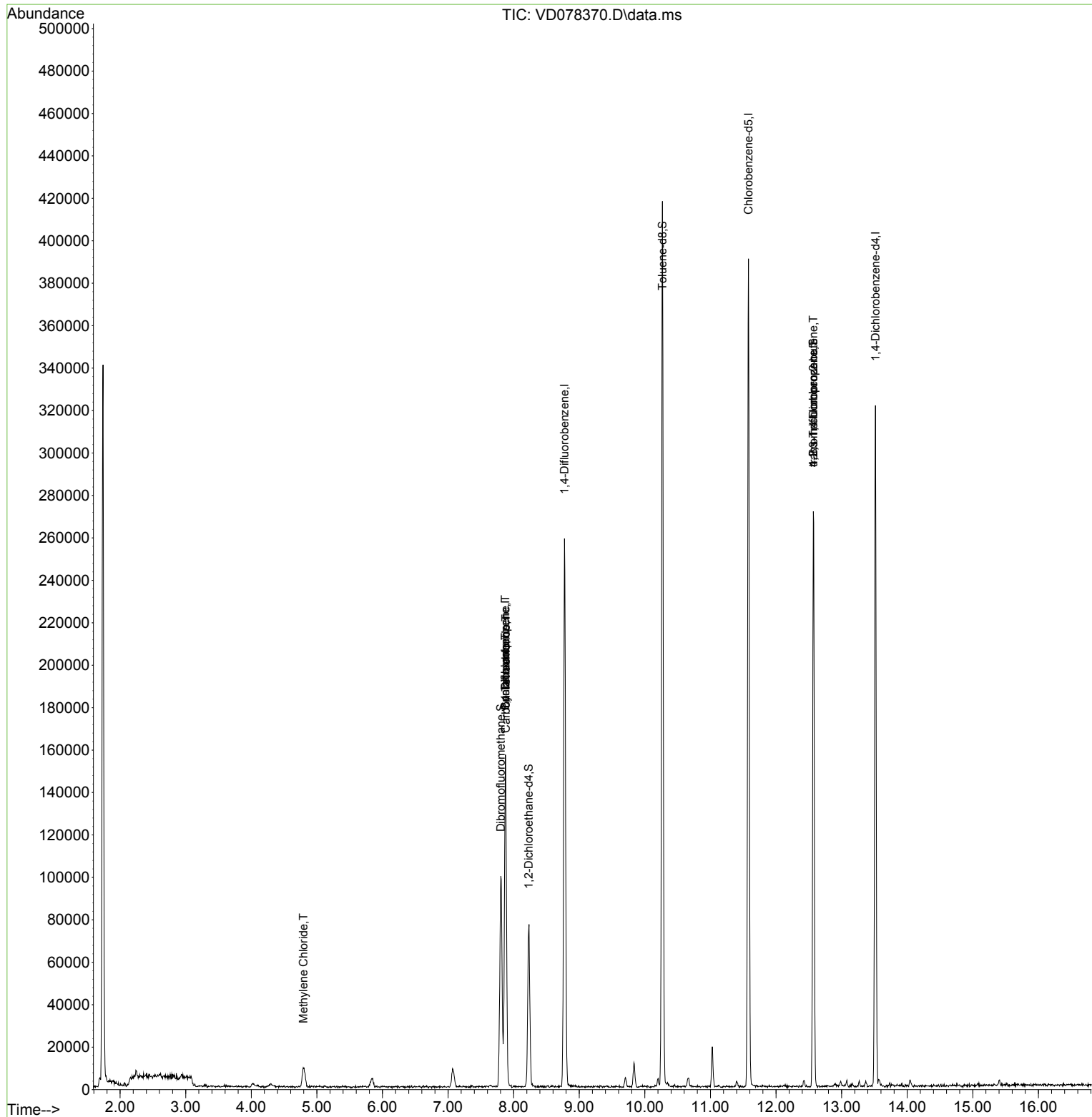
Internal Standards						
1) Pentafluorobenzene	7.875	168	112479	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	227313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	224301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	82239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58317	41.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.760%
35) Dibromofluoromethane	7.804	113	73321	45.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.620%
50) Toluene-d8	10.269	98	280200	45.732	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.460%
62) 4-Bromofluorobenzene	12.569	95	81804	44.583	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.160%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	3200	Below Cal	#	68
20) Methylene Chloride	4.793	84	7249	1.547	ug/l #	91
31) Cyclohexane	7.875	56	2870	1.101	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	9883	3.683	ug/l #	44
38) Carbon Tetrachloride	7.881	117	12384	4.693	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	43615	50.741	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	43615	100.915	ug/l #	17

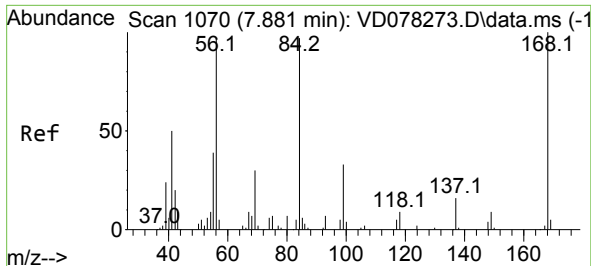
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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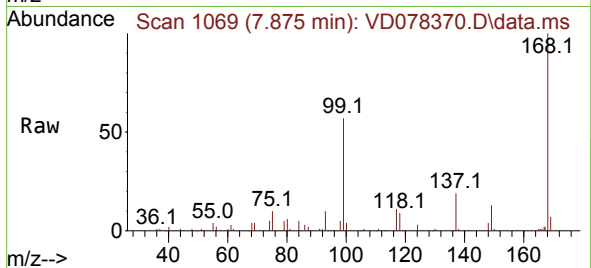
Quant Time: Feb 09 03:10:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration



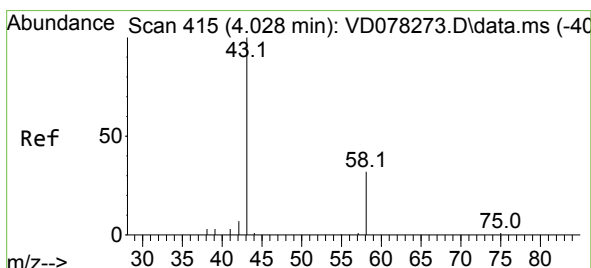
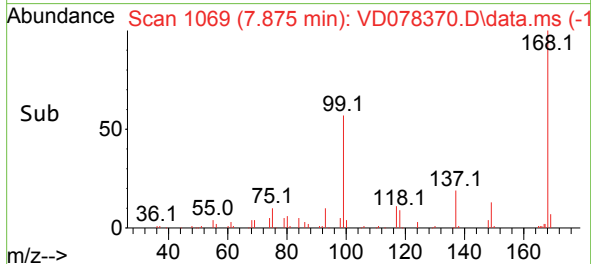
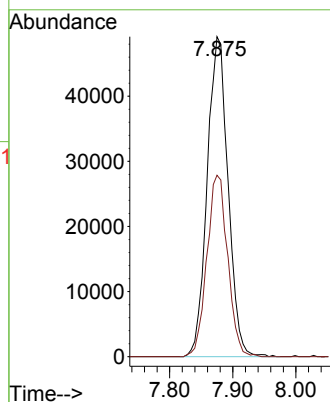


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078370.D
Acq: 08 Feb 2024 15:37

Instrument :
MSVOA_D
ClientSampleId :

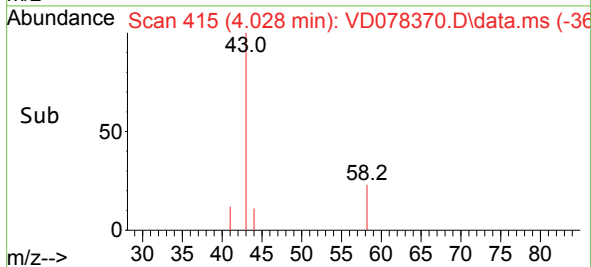
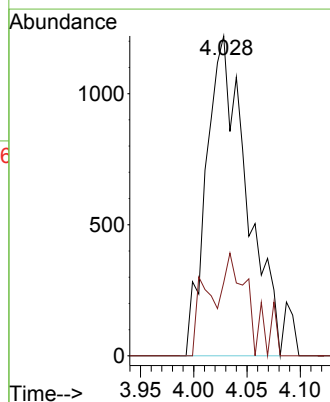
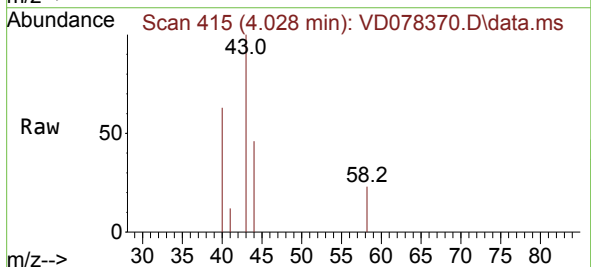


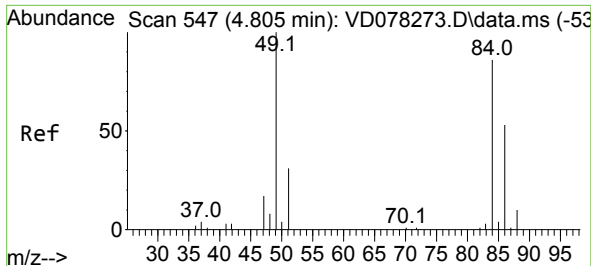
Tgt Ion:168 Resp: 112479
Ion Ratio Lower Upper
168 100
99 56.7 36.7 55.1#



#16
Acetone
Concen: Below Cal
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD078370.D
Acq: 08 Feb 2024 15:37

Tgt Ion: 43 Resp: 3200
Ion Ratio Lower Upper
43 100
58 23.0 34.7 52.1#





#20

Methylene Chloride

Concen: 1.547 ug/l

RT: 4.793 min Scan# 54

Delta R.T. -0.012 min

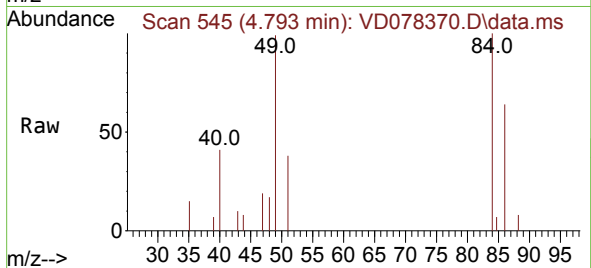
Lab File: VD078370.D

Acq: 08 Feb 2024 15:37

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 84 Resp: 7249

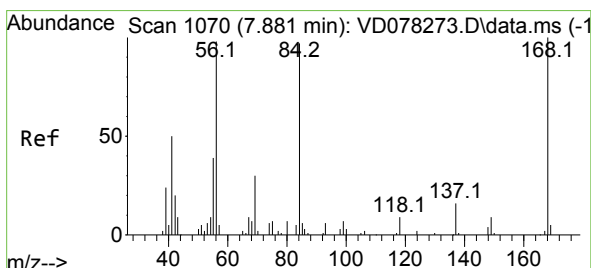
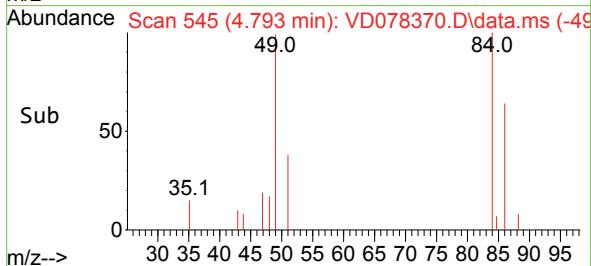
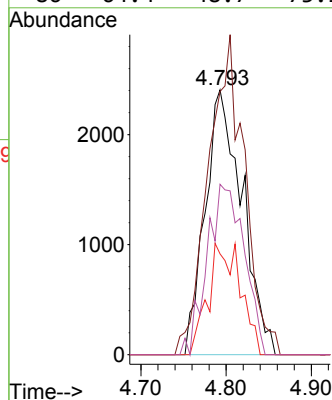
Ion Ratio Lower Upper

84 100

49 99.4 71.4 107.2

51 38.1 24.5 36.7#

86 64.4 48.7 73.1



#31

Cyclohexane

Concen: 1.101 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078370.D

Acq: 08 Feb 2024 15:37

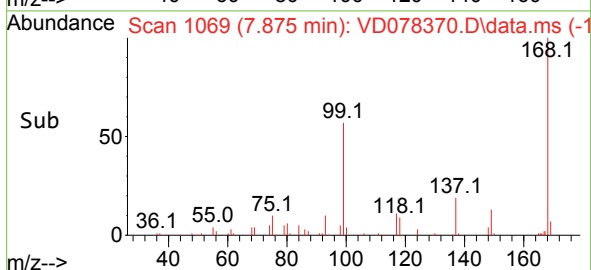
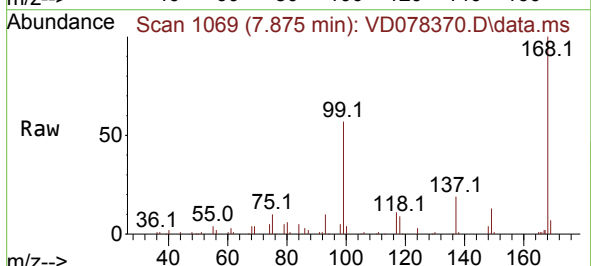
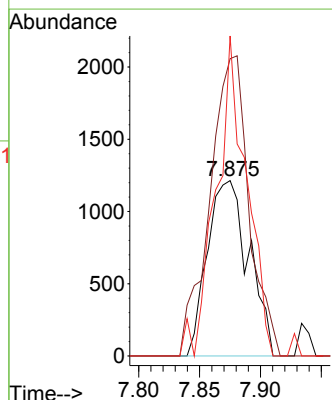
Tgt Ion: 56 Resp: 2870

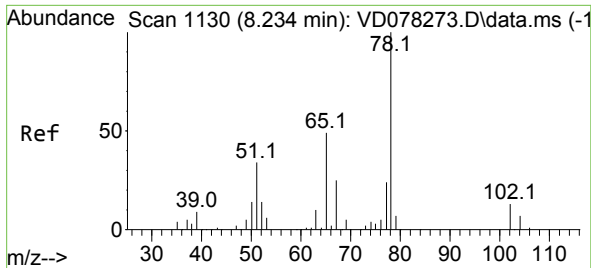
Ion Ratio Lower Upper

56 100

69 169.5 28.6 43.0#

84 182.5 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 41.882 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078370.D

Acq: 08 Feb 2024 15:37

Instrument :

MSVOA_D

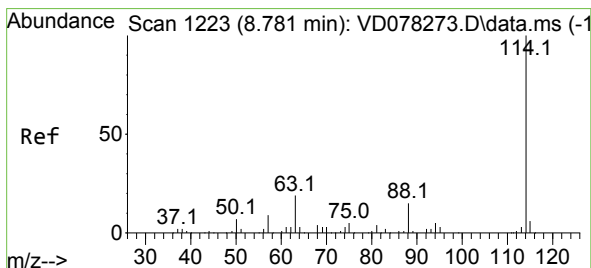
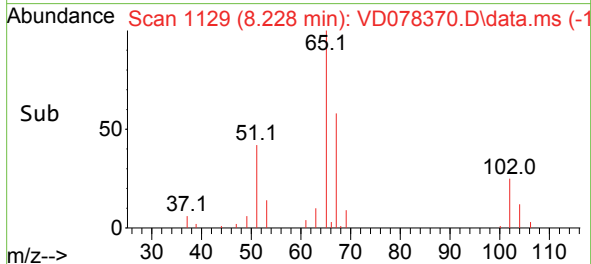
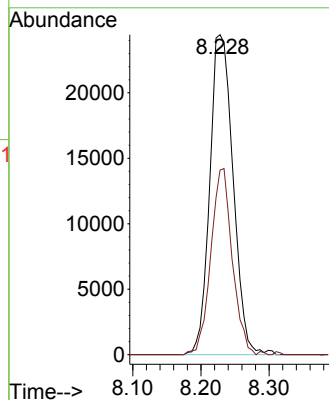
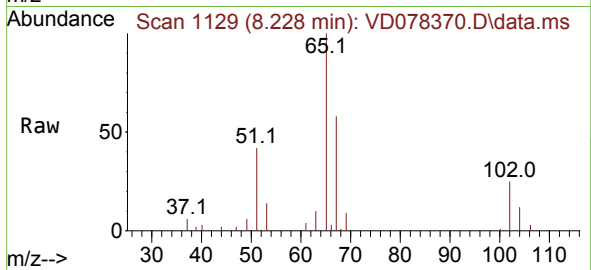
ClientSampleId :

Tgt Ion: 65 Resp: 58317

Ion Ratio Lower Upper

65 100

67 53.6 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: VD078370.D

Acq: 08 Feb 2024 15:37

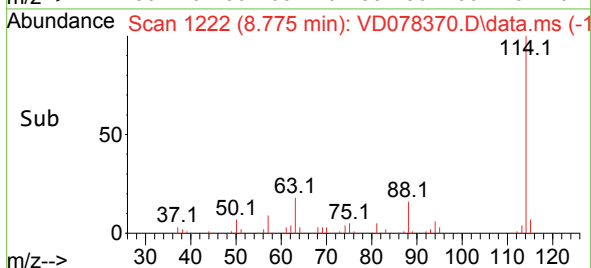
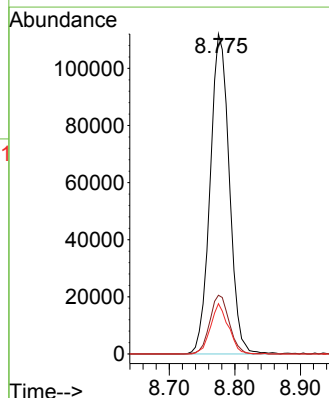
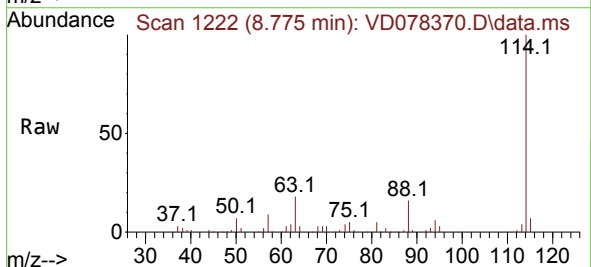
Tgt Ion:114 Resp: 227313

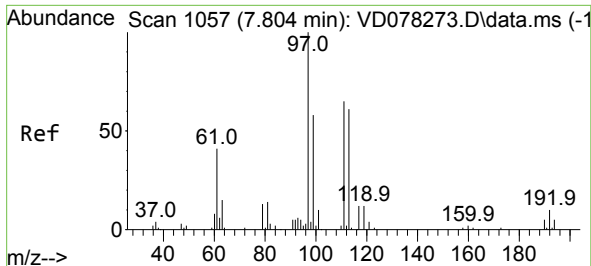
Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.4

88 15.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 45.307 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

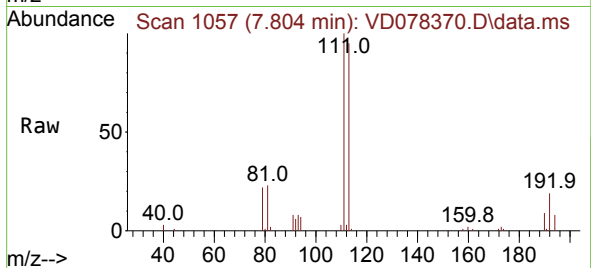
Lab File: VD078370.D

Acq: 08 Feb 2024 15:37

Instrument :

MSVOA_D

ClientSampleId :



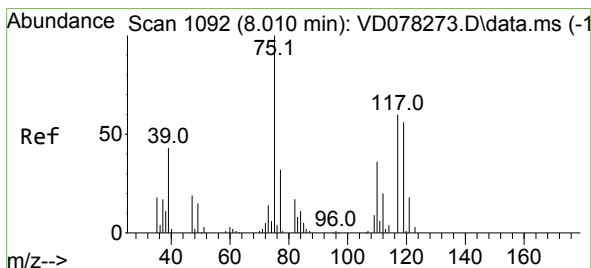
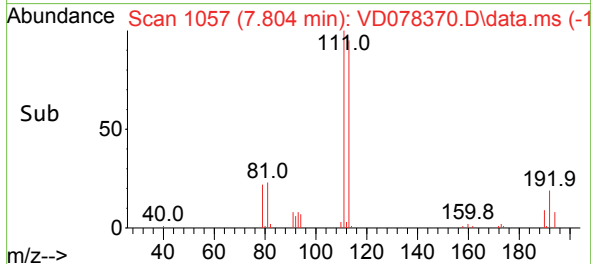
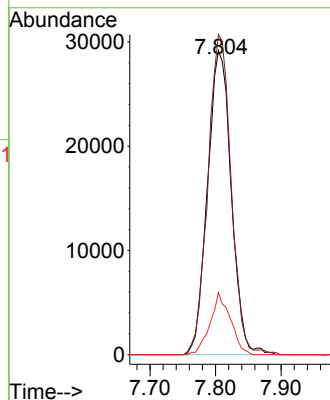
Tgt Ion:113 Resp: 73321

Ion Ratio Lower Upper

113 100

111 103.1 84.7 127.1

192 17.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 3.683 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078370.D

Acq: 08 Feb 2024 15:37

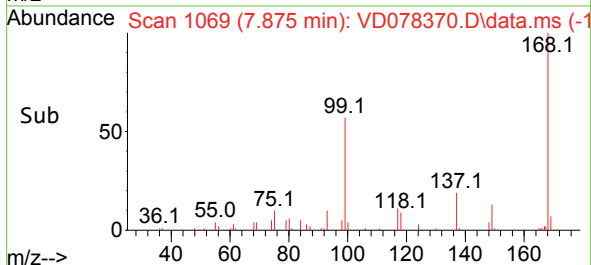
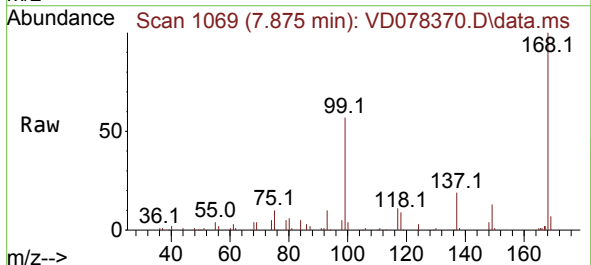
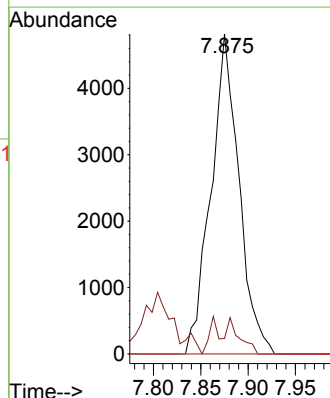
Tgt Ion: 75 Resp: 9883

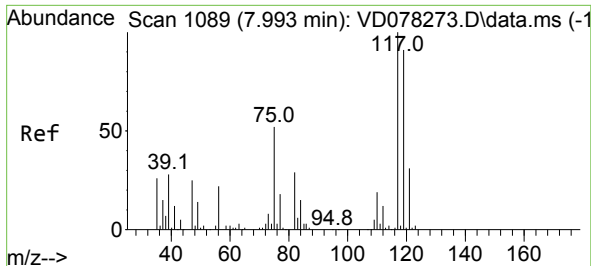
Ion Ratio Lower Upper

75 100

110 4.9 19.9 59.6#

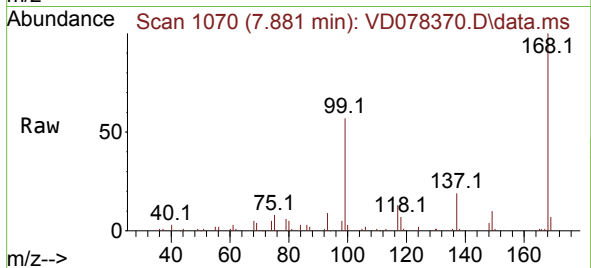
77 0.0 24.7 37.1#



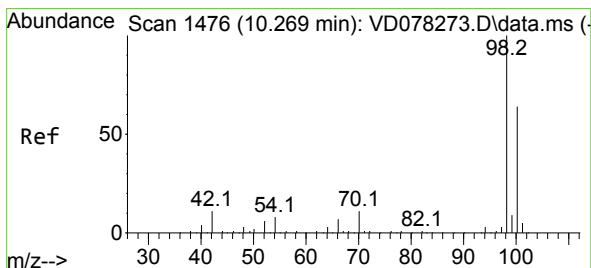
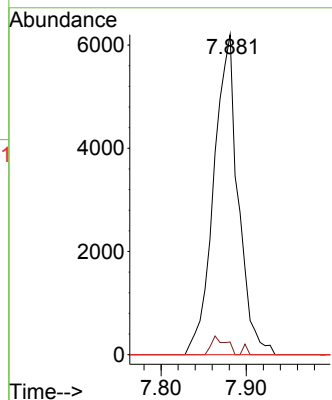
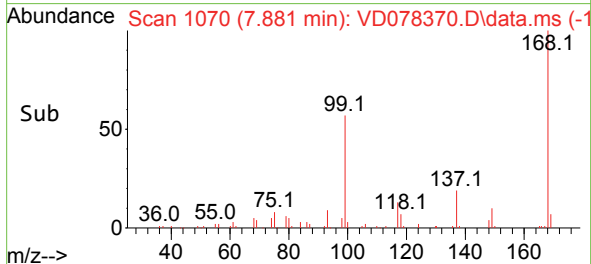


#38
Carbon Tetrachloride
Concen: 4.693 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD078370.D
Acq: 08 Feb 2024 15:37

Instrument :
MSVOA_D
ClientSampleId :

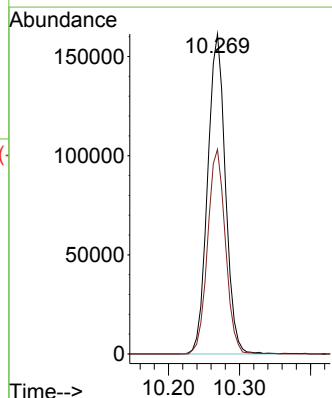
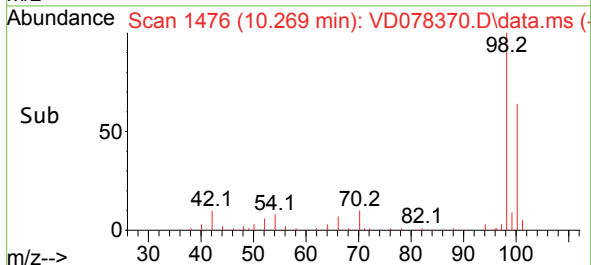
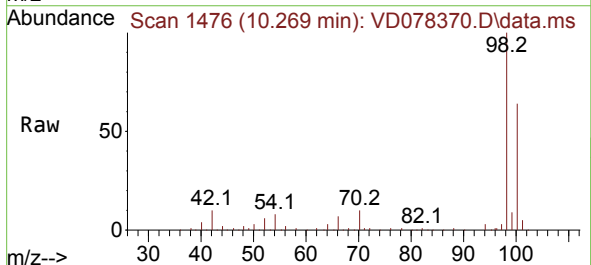


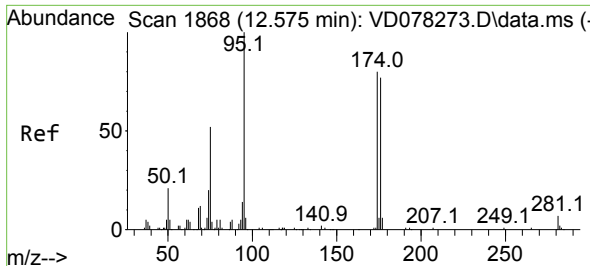
Tgt Ion:117 Resp: 12384
Ion Ratio Lower Upper
117 100
119 4.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 45.732 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078370.D
Acq: 08 Feb 2024 15:37

Tgt Ion: 98 Resp: 280200
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5

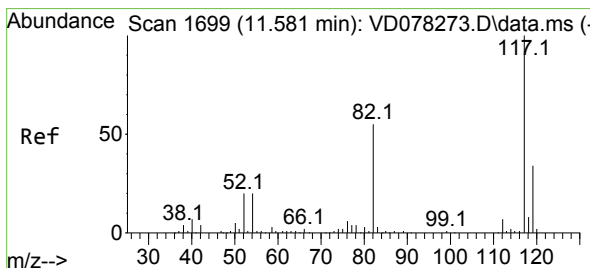
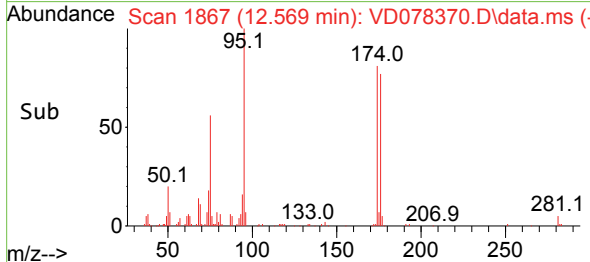
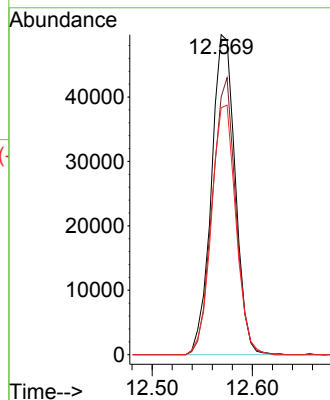
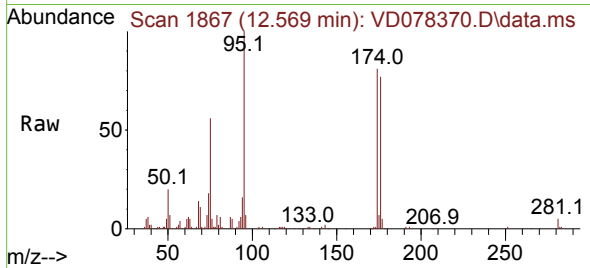




#62
4-Bromofluorobenzene
Concen: 44.583 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078370.D
Acq: 08 Feb 2024 15:37

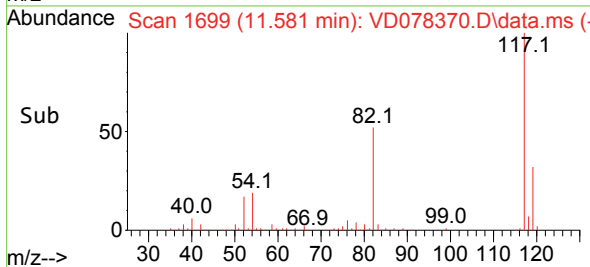
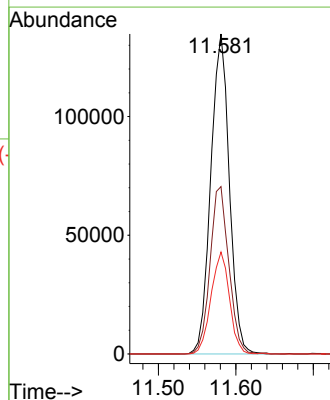
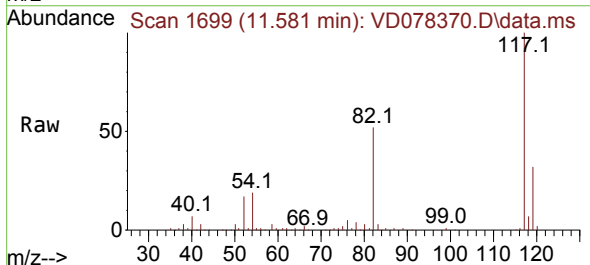
Instrument :
MSVOA_D
ClientSampleId :

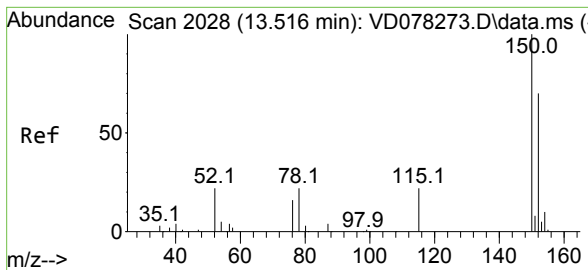
Tgt Ion:	95	Resp:	81804
Ion	Ratio	Lower	Upper
95	100		
174	85.0	0.0	201.8
176	80.1	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078370.D
Acq: 08 Feb 2024 15:37

Tgt Ion:	117	Resp:	224301
Ion	Ratio	Lower	Upper
117	100		
82	52.3	38.3	57.5
119	31.9	25.0	37.4

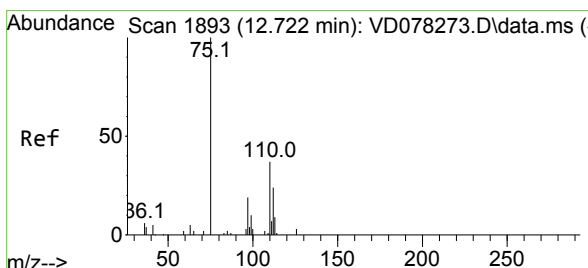
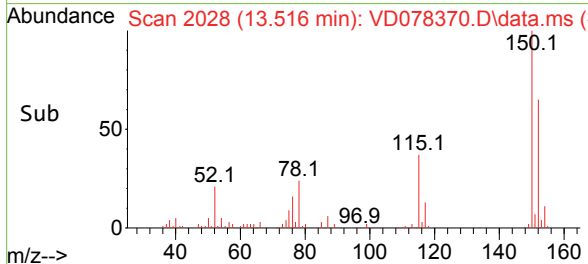
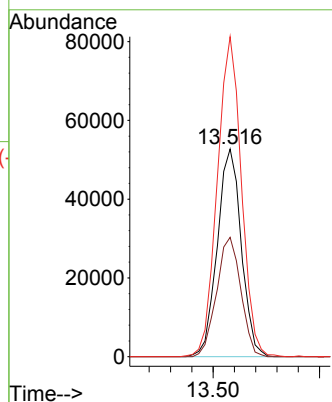
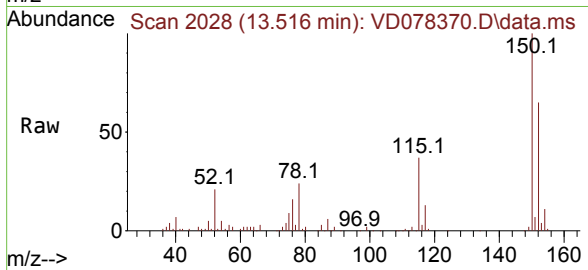




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078370.D
 Acq: 08 Feb 2024 15:37

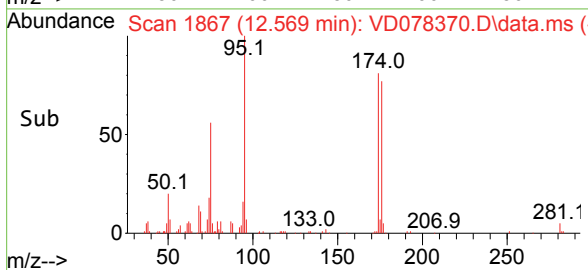
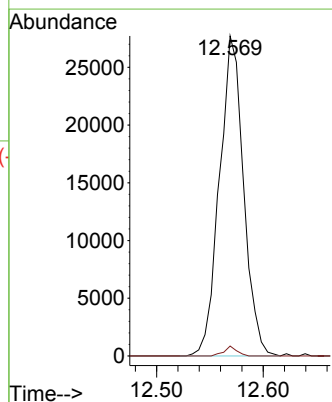
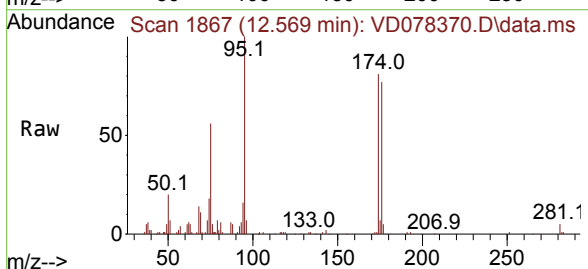
Instrument :
 MSVOA_D
 ClientSampleId :

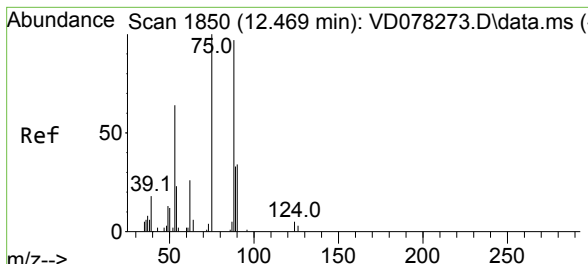
Tgt Ion:152 Resp: 82239
 Ion Ratio Lower Upper
 152 100
 115 58.1 27.1 81.3
 150 154.8 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 50.741 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD078370.D
 Acq: 08 Feb 2024 15:37

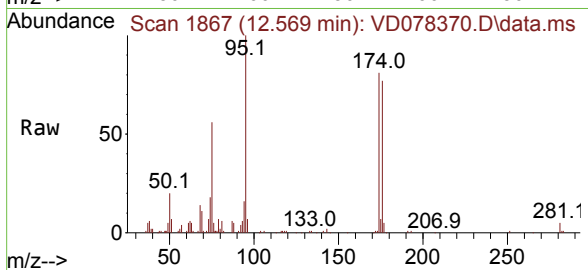
Tgt Ion: 75 Resp: 43615
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.915 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD078370.D
 Acq: 08 Feb 2024 15:37

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	43615
Ion Ratio	Lower	Upper	
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

