

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075299.D
 Acq On : 09 Feb 2023 17:34
 Operator : KP/SY
 Sample : 01508-03
 Misc : 3.60G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UST-2

Quant Time: Feb 10 02:04:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

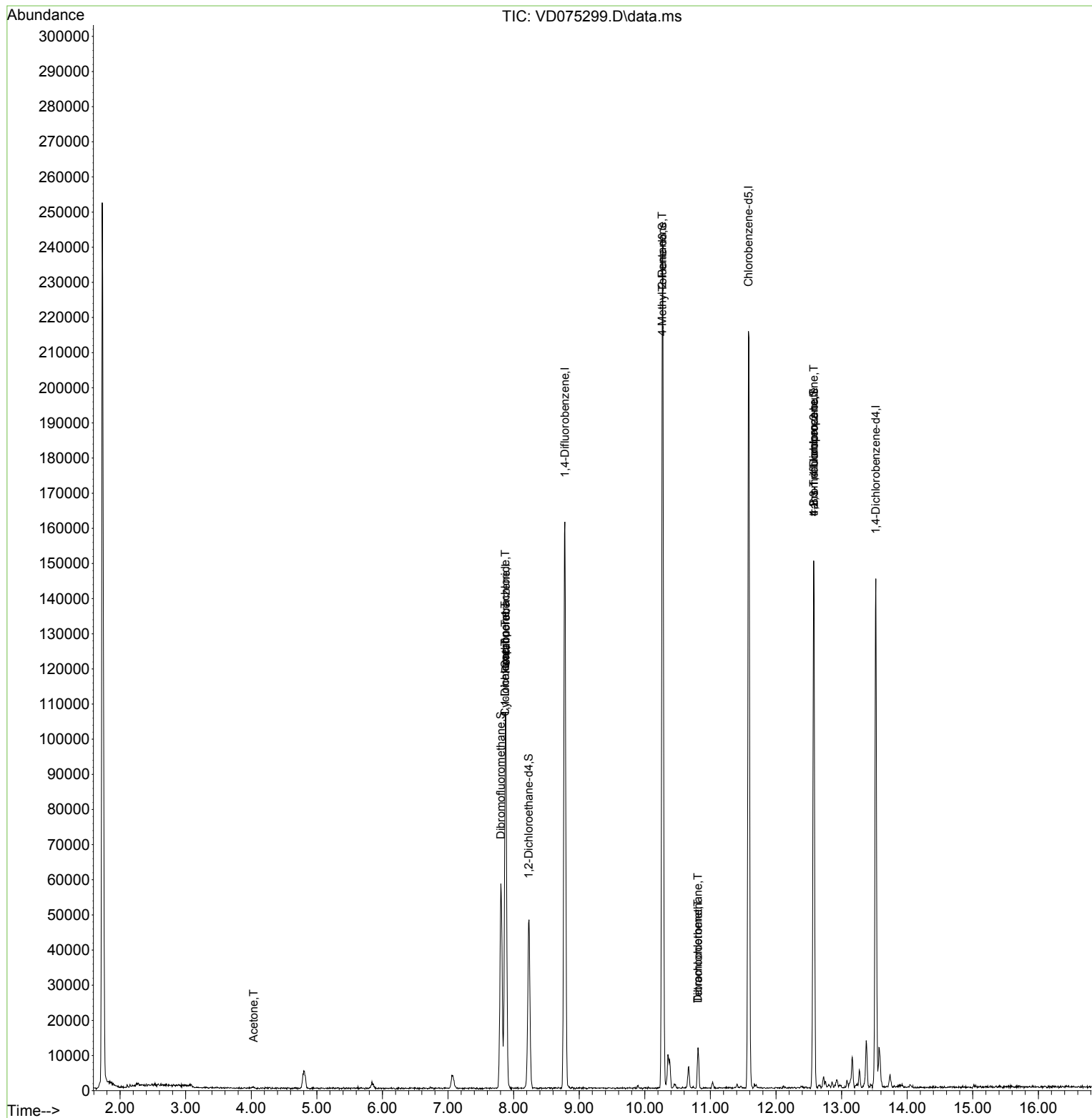
Internal Standards						
1) Pentafluorobenzene	7.881	168	80185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	139607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	119835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	35513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	37632	40.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.040%
35) Dibromofluoromethane	7.805	113	41160	42.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.100%
50) Toluene-d8	10.269	98	164389	44.281	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.560%
62) 4-Bromofluorobenzene	12.575	95	46104	37.663	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.320%
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	131	Below Cal	#	41
16) Acetone	4.034	43	529	2.128	ug/l #	42
20) Methylene Chloride	4.805	84	3989	Below Cal	#	76
31) Cyclohexane	7.869	56	2086	1.249	ug/l #	63
36) 1,1-Dichloropropene	7.869	75	6872	4.506	ug/l #	48
38) Carbon Tetrachloride	7.875	117	8585	6.076	ug/l #	19
51) 4-Methyl-2-Pentanone	10.263	43	837	1.303	ug/l #	1
60) Dibromochloromethane	10.810	129	2146	2.250	ug/l #	11
64) Tetrachloroethene	10.810	164	2452	2.657	ug/l #	83
76) 1,2,3-Trichloropropane	12.575	75	24568	60.906	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	24568	191.512	ug/l #	14

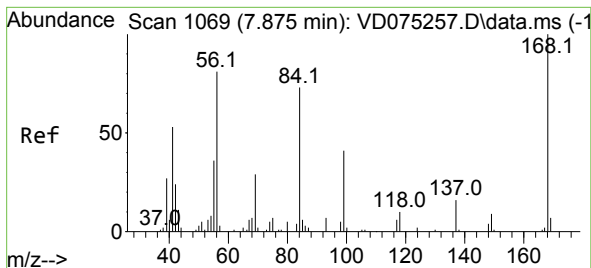
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

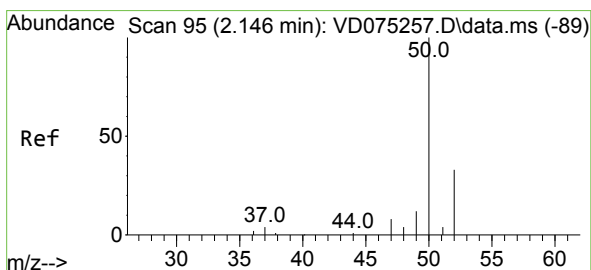
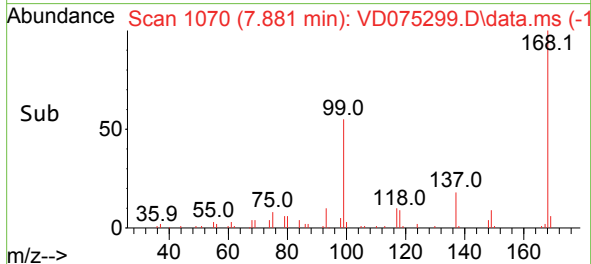
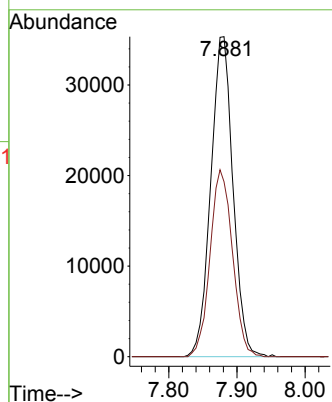
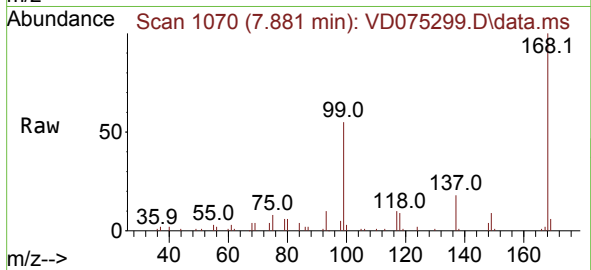




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

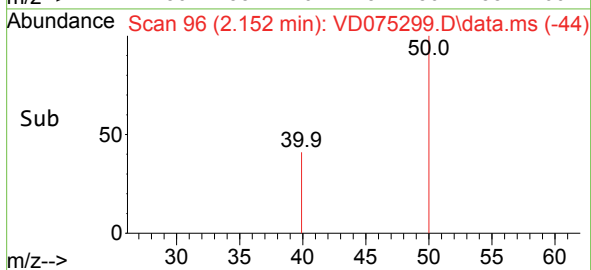
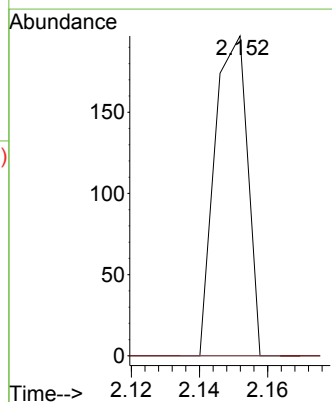
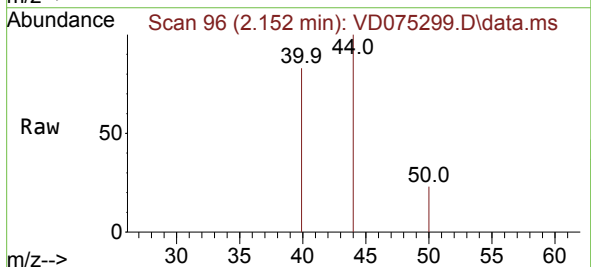
Instrument :
MSVOA_D
ClientSampleId :
UST-2

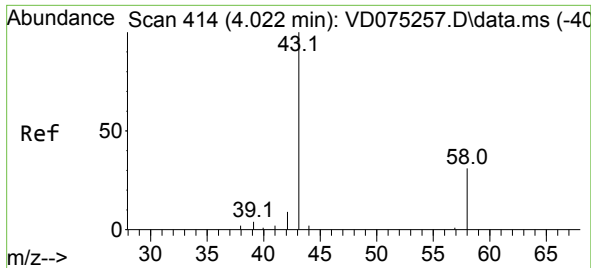
Tgt Ion:168 Resp: 80185
Ion Ratio Lower Upper
168 100
99 54.7 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

Tgt Ion: 50 Resp: 131
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#





#16

Acetone

Concen: 2.128 ug/l

RT: 4.034 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD075299.D

Acq: 09 Feb 2023 17:34

Instrument :

MSVOA_D

ClientSampleId :

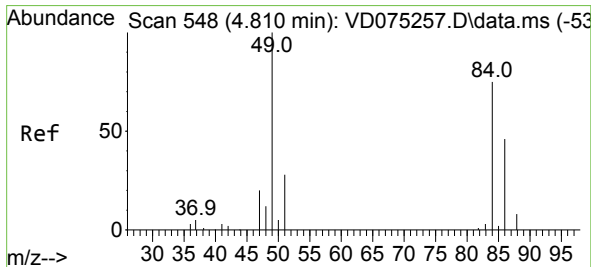
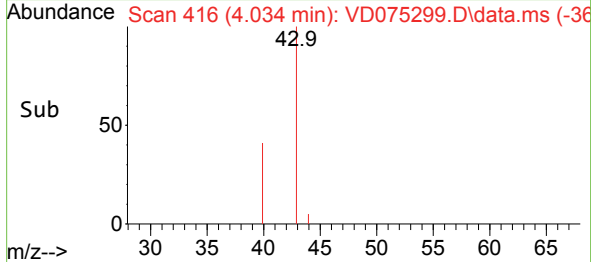
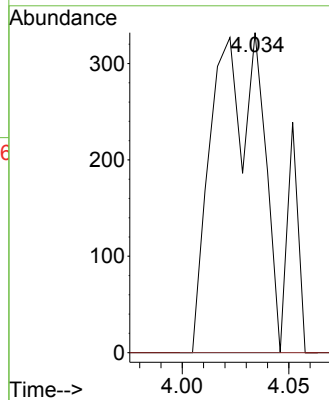
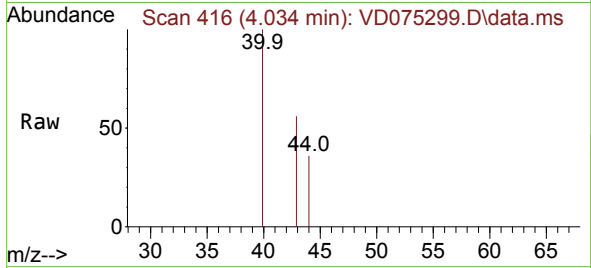
UST-2

Tgt Ion: 43 Resp: 529

Ion Ratio Lower Upper

43 100

58 0.0 26.0 39.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.805 min Scan# 547

Delta R.T. -0.005 min

Lab File: VD075299.D

Acq: 09 Feb 2023 17:34

Tgt Ion: 84 Resp: 3989

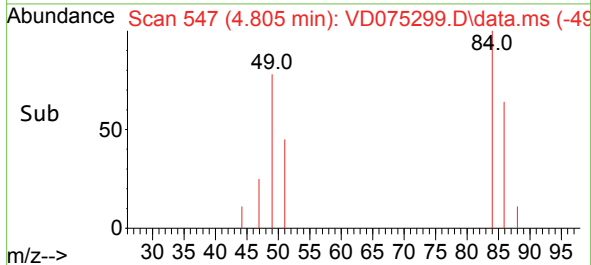
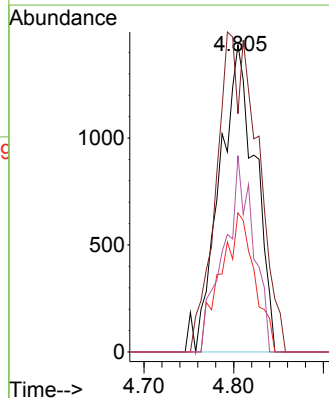
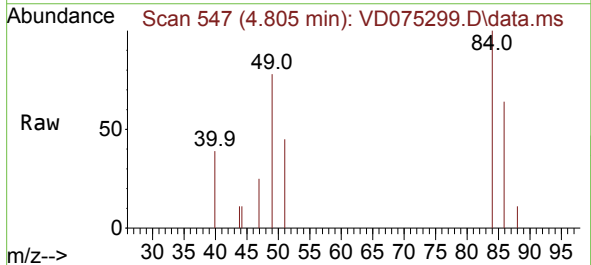
Ion Ratio Lower Upper

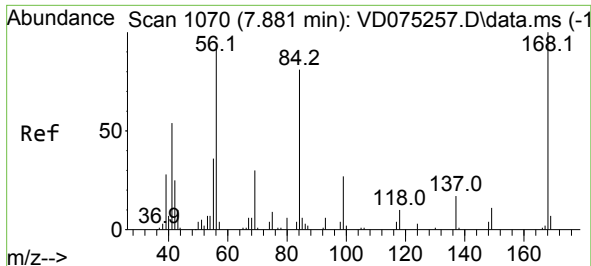
84 100

49 77.6 97.0 145.6#

51 45.3 30.9 46.3

86 63.9 54.0 81.0

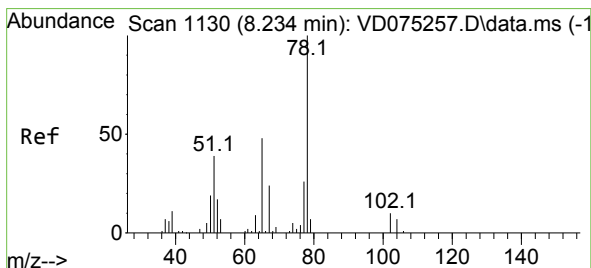
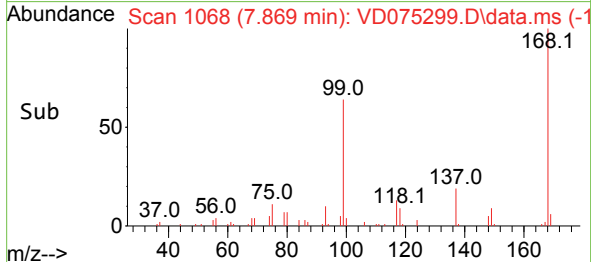
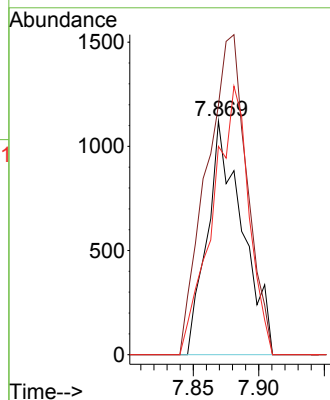
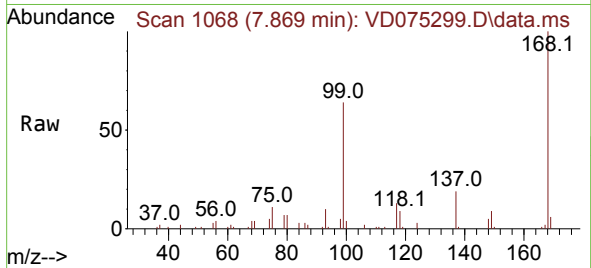




#31
Cyclohexane
Concen: 1.249 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

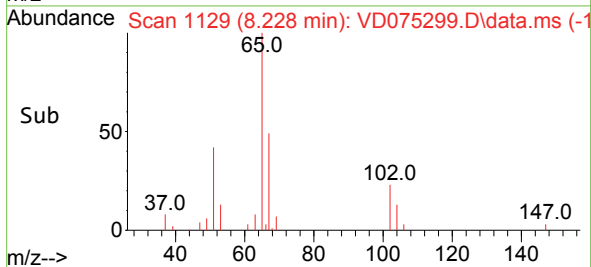
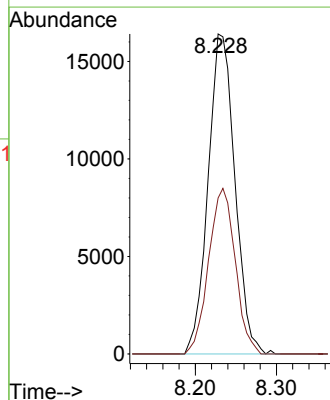
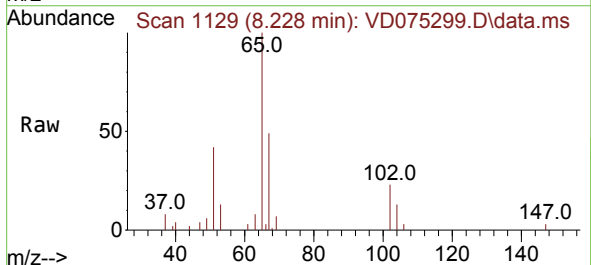
Instrument :
MSVOA_D
ClientSampleId :
UST-2

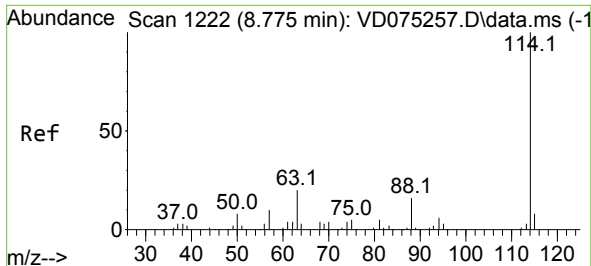
Tgt Ion: 56 Resp: 2086
Ion Ratio Lower Upper
56 100
69 106.8 26.6 40.0#
84 89.2 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 40.024 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

Tgt Ion: 65 Resp: 37632
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075299.D

Acq: 09 Feb 2023 17:34

Instrument :

MSVOA_D

ClientSampleId :

UST-2

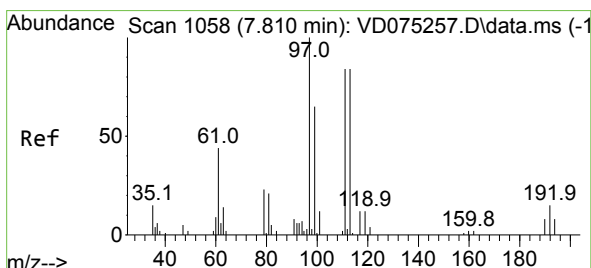
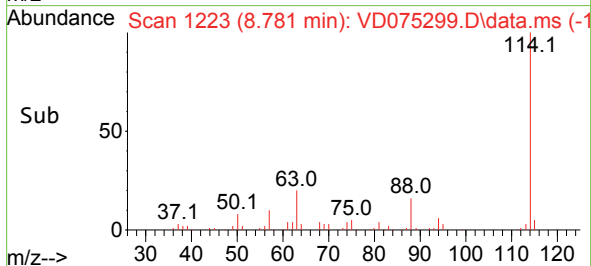
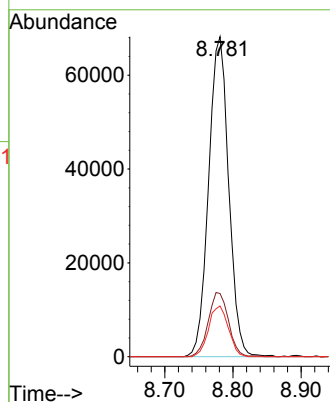
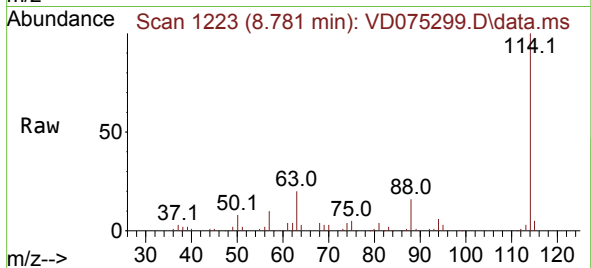
Tgt Ion:114 Resp: 139607

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 42.046 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD075299.D

Acq: 09 Feb 2023 17:34

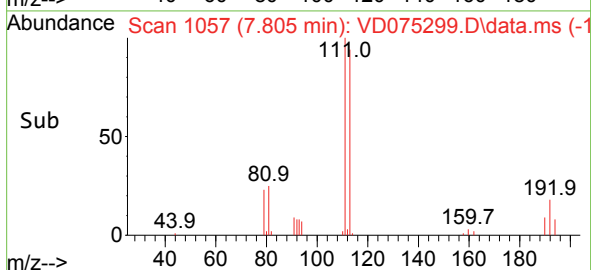
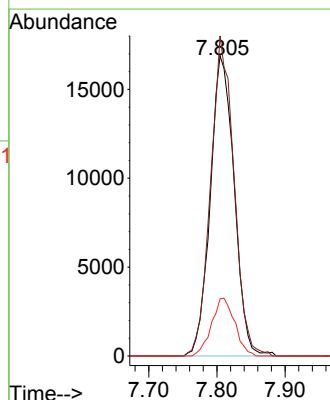
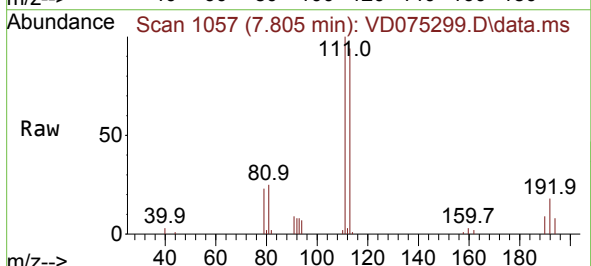
Tgt Ion:113 Resp: 41160

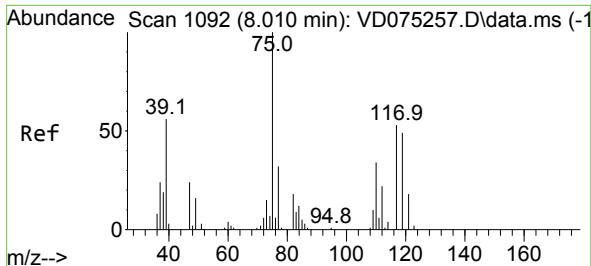
Ion Ratio Lower Upper

113 100

111 104.1 80.1 120.1

192 18.7 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.506 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD075299.D

Acq: 09 Feb 2023 17:34

Instrument :

MSVOA_D

ClientSampleId :

UST-2

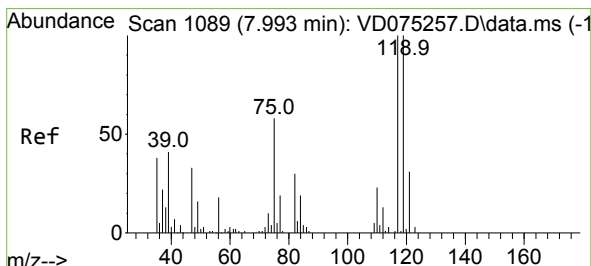
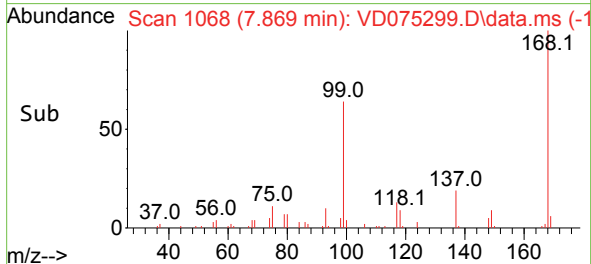
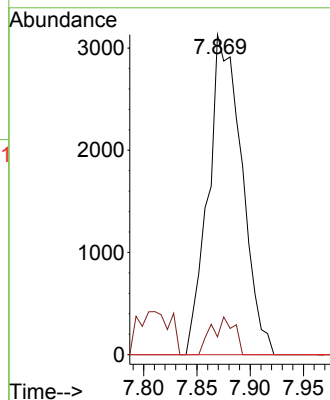
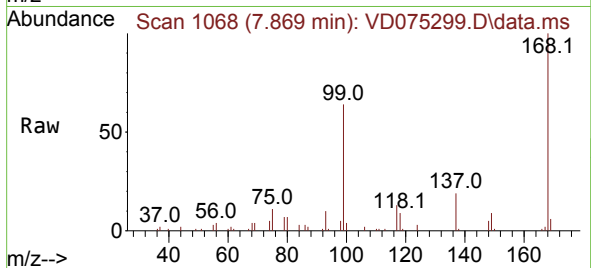
Tgt Ion: 75 Resp: 6872

Ion Ratio Lower Upper

75 100

110 8.0 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.076 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075299.D

Acq: 09 Feb 2023 17:34

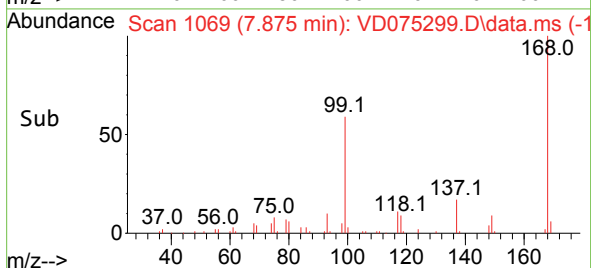
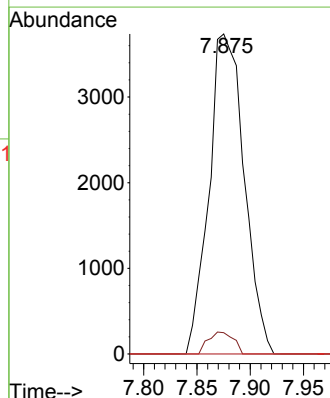
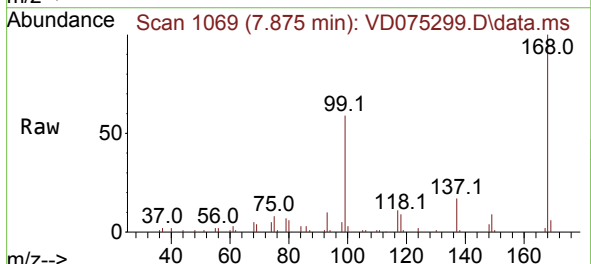
Tgt Ion: 117 Resp: 8585

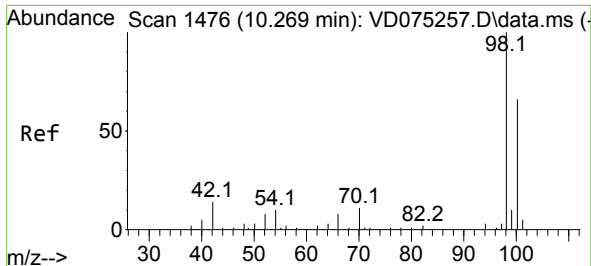
Ion Ratio Lower Upper

117 100

119 6.7 73.6 110.4#

121 0.0 25.4 38.0#

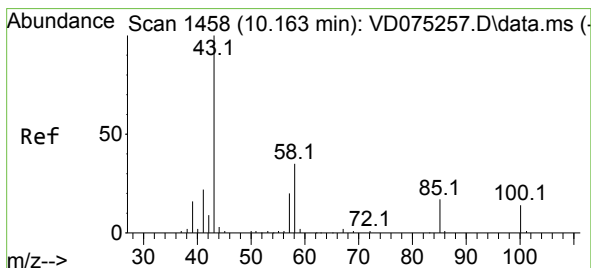
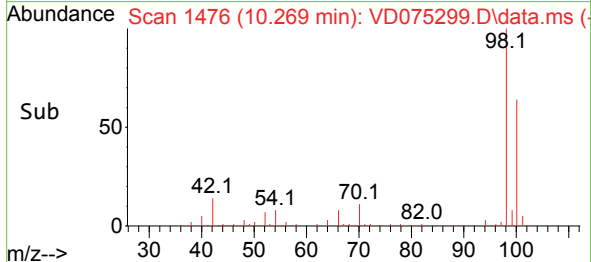
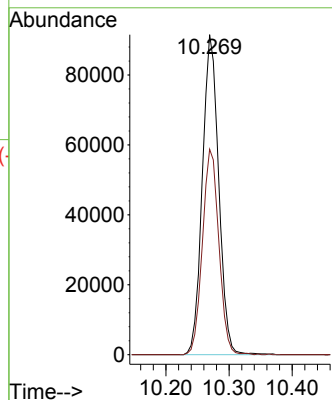
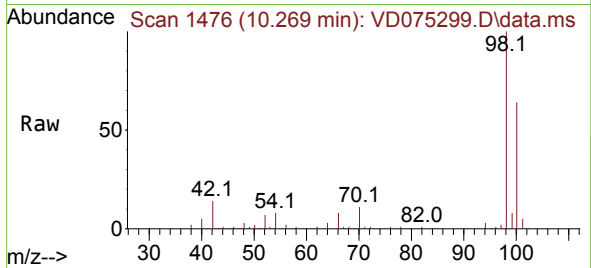




#50
Toluene-d8
Concen: 44.281 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

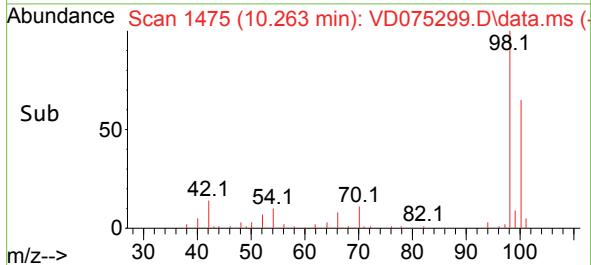
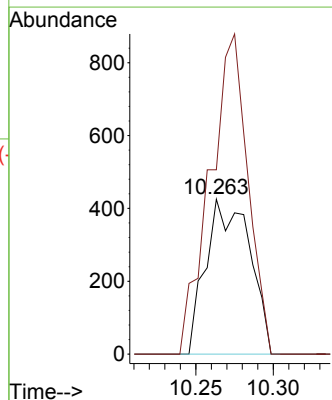
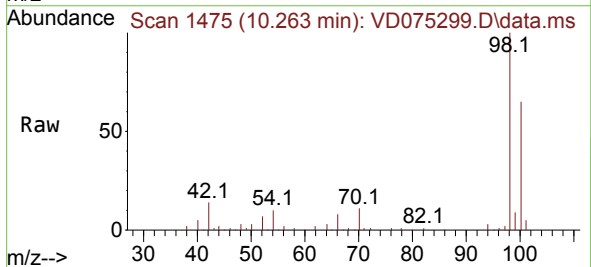
Instrument :
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UST-2

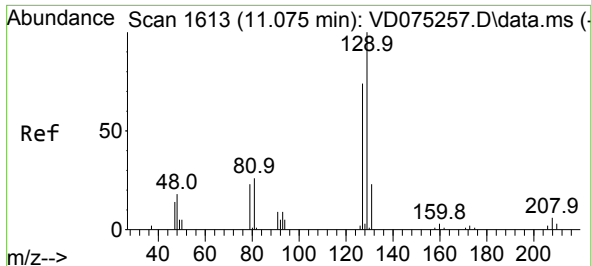
Tgt Ion: 98 Resp: 164389
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.303 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.100 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
58 178.6 31.4 47.0#

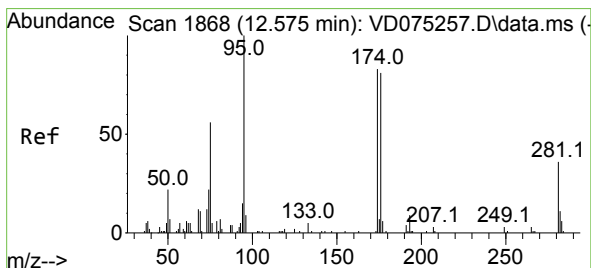
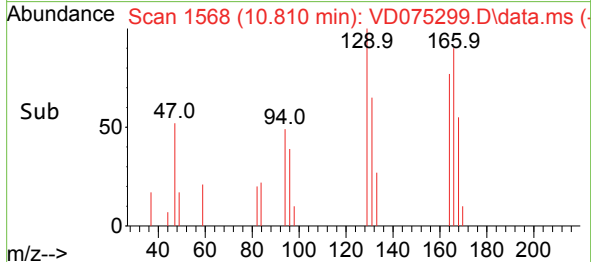
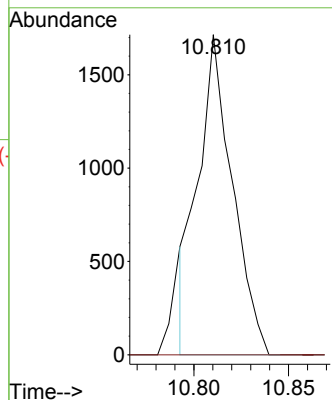
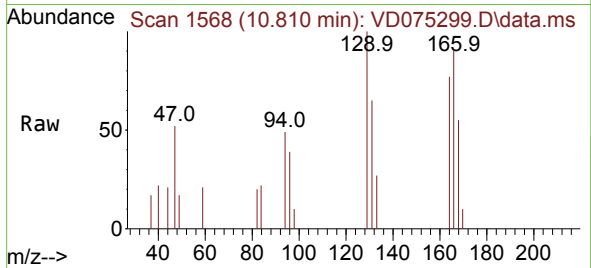




#60
Dibromochloromethane
Concen: 2.250 ug/l
RT: 10.810 min Scan# 11
Delta R.T. -0.265 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

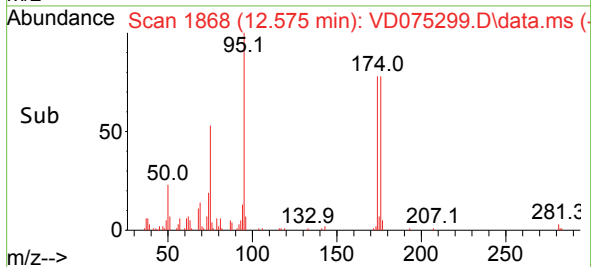
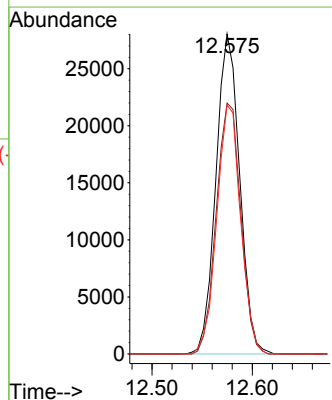
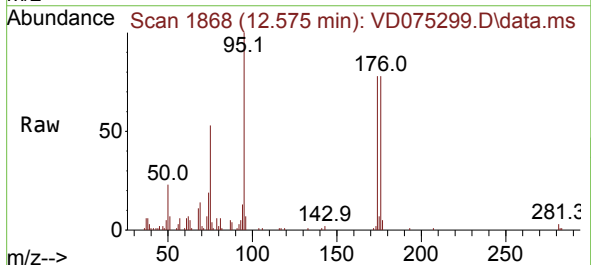
Instrument :
MSVOA_D
ClientSampleId :
UST-2

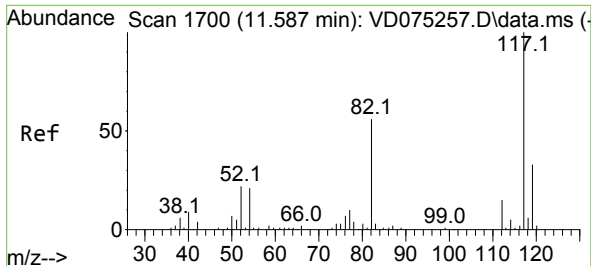
Tgt Ion:129 Resp: 2146
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.6#



#62
4-Bromofluorobenzene
Concen: 37.663 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

Tgt Ion: 95 Resp: 46104
Ion Ratio Lower Upper
95 100
174 81.0 0.0 161.2
176 78.1 0.0 160.2

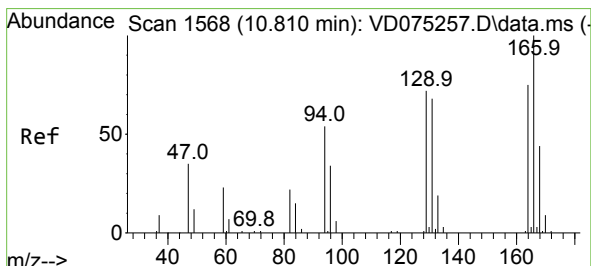
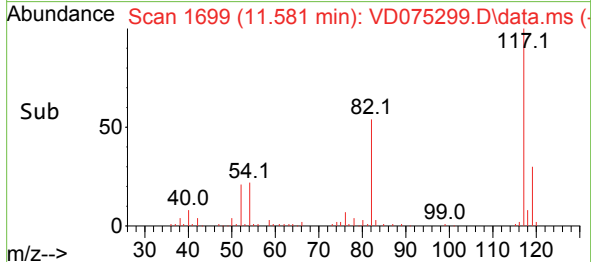
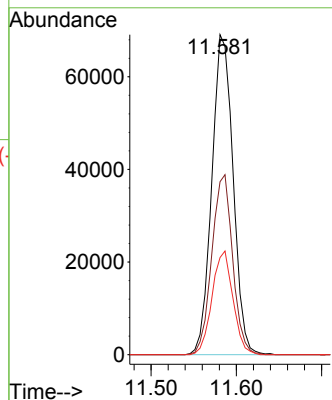
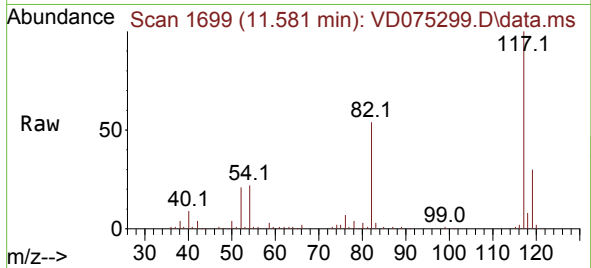




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

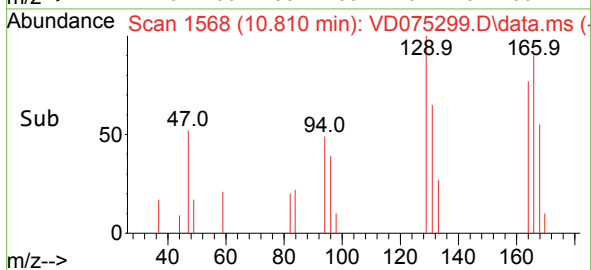
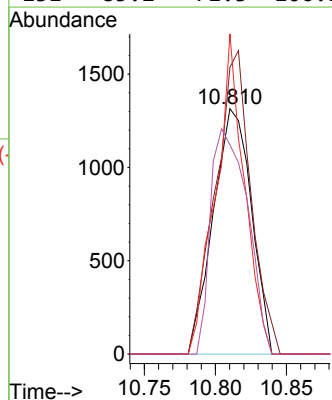
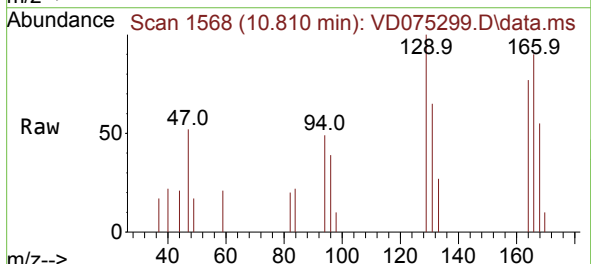
Instrument :
MSVOA_D
ClientSampleId :
UST-2

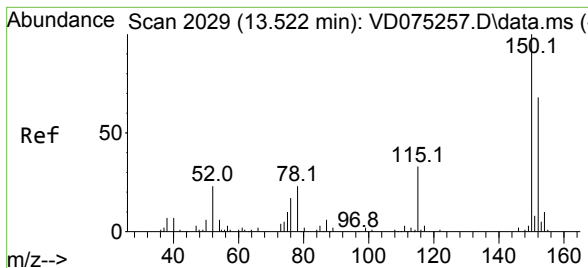
Tgt Ion:117 Resp: 119835
Ion Ratio Lower Upper
117 100
82 54.1 39.6 59.4
119 30.3 24.6 37.0



#64
Tetrachloroethene
Concen: 2.657 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075299.D
Acq: 09 Feb 2023 17:34

Tgt Ion:164 Resp: 2452
Ion Ratio Lower Upper
164 100
166 116.9 105.3 157.9
129 130.4 76.2 114.4#
131 85.2 71.3 106.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD075299.D

Acq: 09 Feb 2023 17:34

Instrument :

MSVOA_D

ClientSampleId :

UST-2

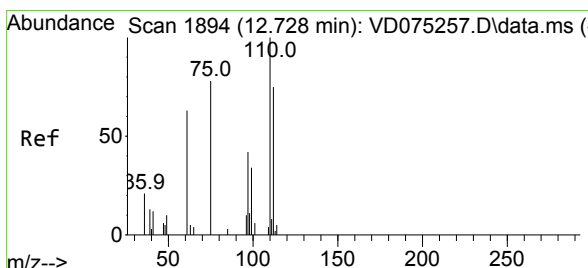
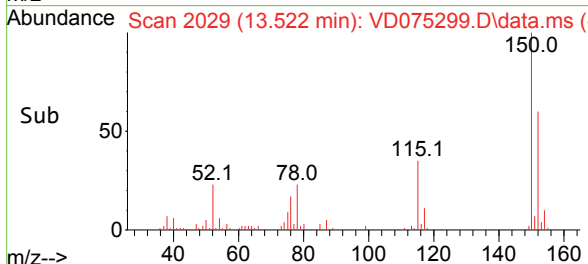
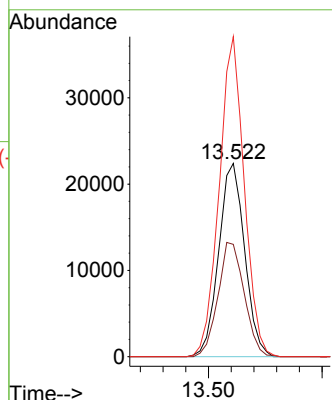
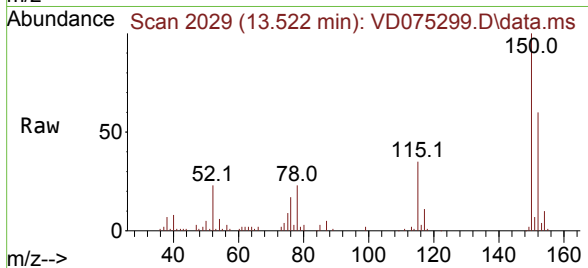
Tgt Ion:152 Resp: 35513

Ion Ratio Lower Upper

152 100

115 59.7 28.8 86.4

150 159.8 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 60.906 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD075299.D

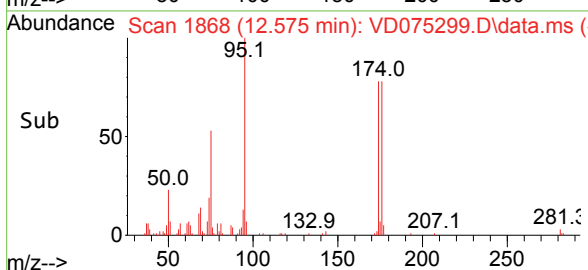
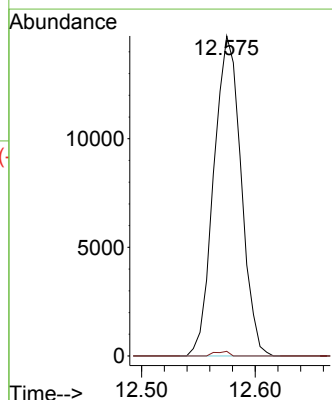
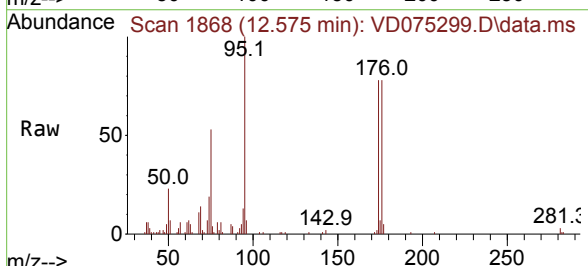
Acq: 09 Feb 2023 17:34

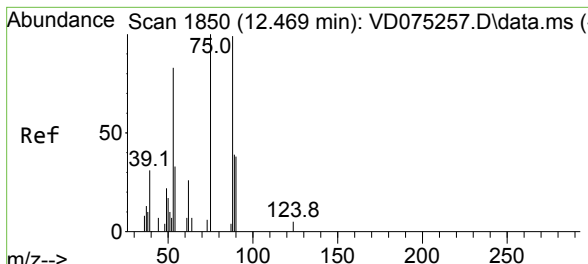
Tgt Ion: 75 Resp: 24568

Ion Ratio Lower Upper

75 100

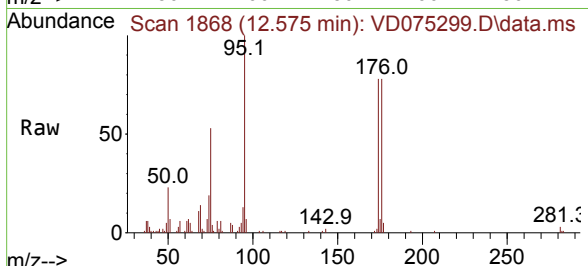
77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 191.512 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075299.D
 Acq: 09 Feb 2023 17:34

Instrument :
 MSVOA_D
 ClientSampleId :
 UST-2



Tgt Ion:	75	Resp:	24568
Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.5	105.7#
89	0.0	34.6	52.0#

