

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055047.D
 Acq On : 01 Sep 2023 18:02
 Operator : MD/SY
 Sample : 04209-17DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:48:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

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

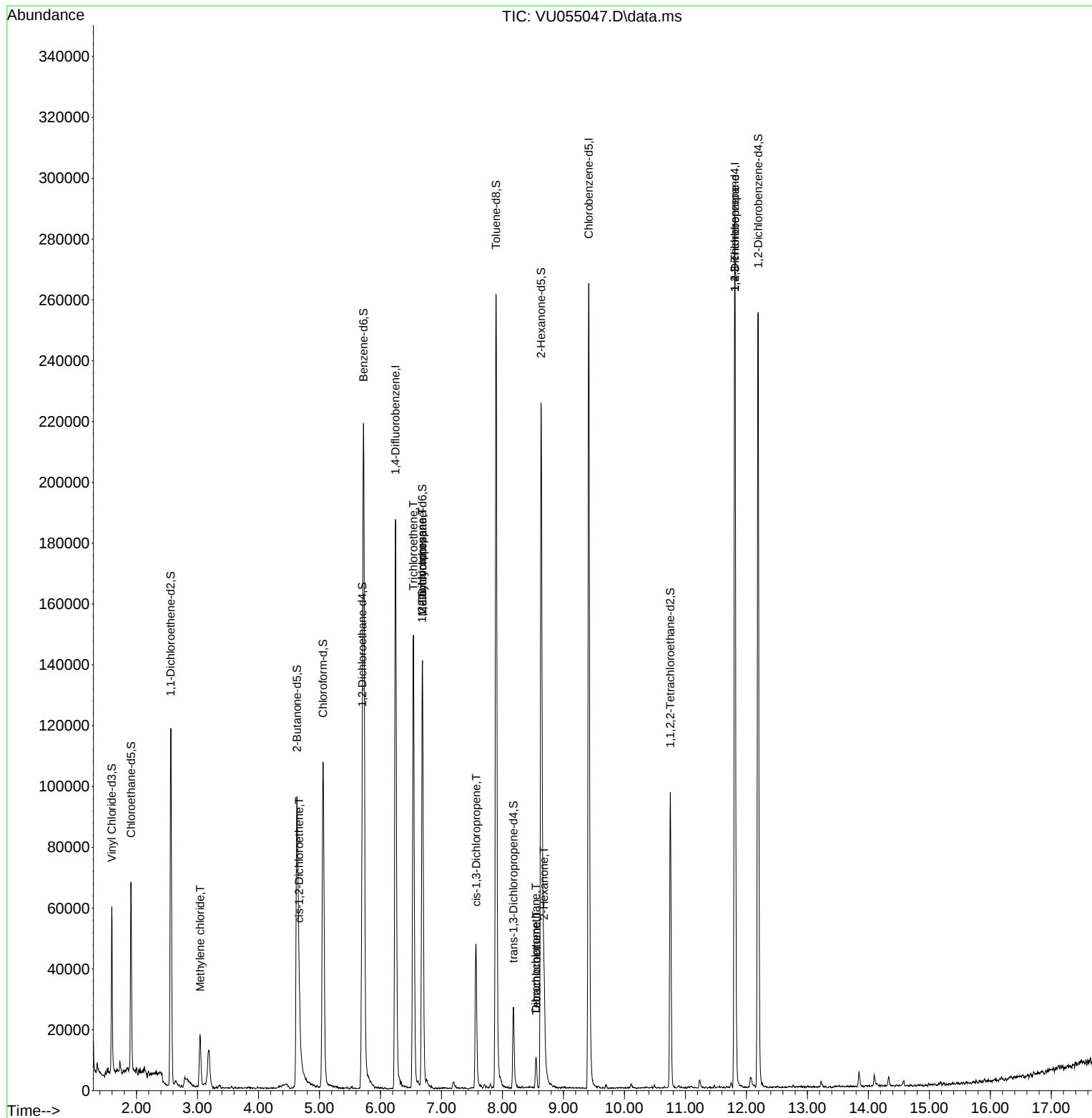
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	153201	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	144227	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	74881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	37946	5.285	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.600%		
7) Chloroethane-d5	1.910	69	43826	5.273	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.400%		
11) 1,1-Dichloroethene-d2	2.560	65	22059	5.392	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 107.800%		
20) 2-Butanone-d5	4.631	46	123894	59.460	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 118.920%		
24) Chloroform-d	5.058	84	100196	5.259	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.200%		
26) 1,2-Dichloroethane-d4	5.701	65	52265	5.483	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.600%		
32) Benzene-d6	5.724	84	201449	5.659	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 113.200%		
36) 1,2-Dichloropropane-d6	6.688	67	67160	5.931	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 118.600%		
41) Toluene-d8	7.894	98	181052	5.521	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.400%		
43) trans-1,3-Dichloroprop...	8.180	79	15414	4.943	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.800%		
46) 2-Hexanone-d5	8.634	63	75851	59.916	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 119.840%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	48399	6.078	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 121.600%#		
66) 1,2-Dichlorobenzene-d4	12.193	152	64317	5.885	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 117.600%		
Target Compounds						Qvalue
16) Methylene chloride	3.045	84	8221	0.760	ug/L	90
22) cis-1,2-Dichloroethene	4.666	96	4047	0.460	ug/L	93
34) Trichloroethene	6.541	95	49507	5.803	ug/L	96
35) Methylcyclohexane	6.688	83	14124	1.180	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	7791	0.932	ug/L #	88
39) cis-1,3-Dichloropropene	7.569	75	1556	0.137	ug/L	85
47) Tetrachloroethene	8.557	164	2247	0.381	ug/L #	78
48) 2-Hexanone	8.682	43	18222	4.880	ug/L #	86
49) Dibromochloromethane	8.550	129	2121	0.345	ug/L #	9
61) 1,2,3-Trichloropropane	11.810	75	10731	2.160	ug/L #	67

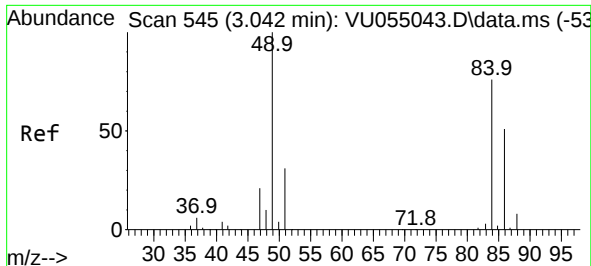
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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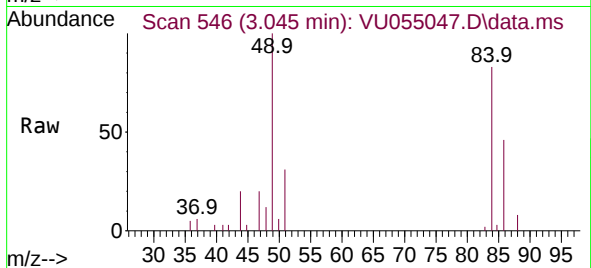
Quant Time: Sep 01 23:48:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
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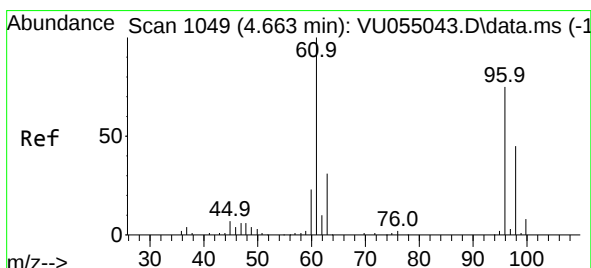
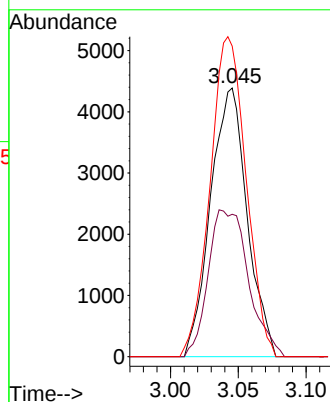
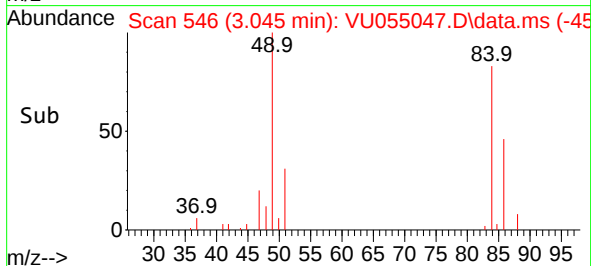


#16
Methylene chloride
Concen: 0.760 ug/L
RT: 3.045 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055047.D
Acq: 01 Sep 2023 18:02

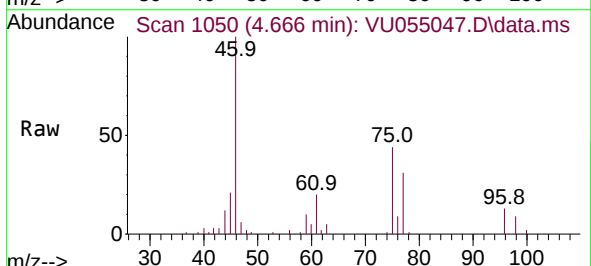
Instrument :
MSVOA_U
ClientSampleId :



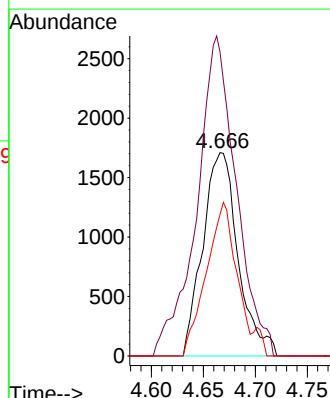
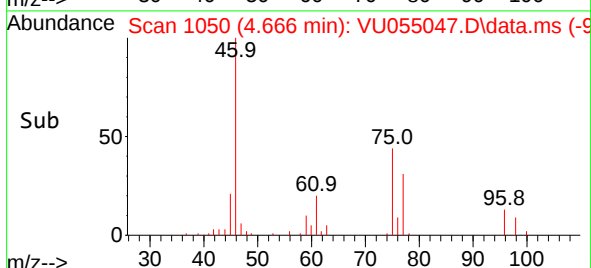
Tgt Ion: 84 Resp: 8221
Ion Ratio Lower Upper
84 100
86 53.0 43.4 80.6
49 115.6 87.7 162.9

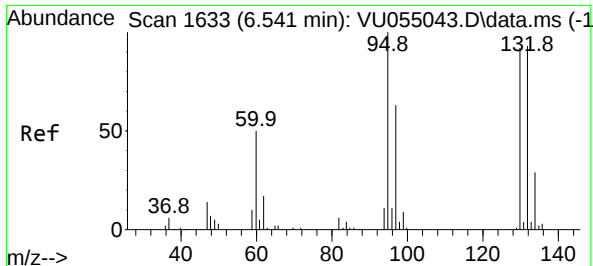


#22
cis-1,2-Dichloroethene
Concen: 0.460 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU055047.D
Acq: 01 Sep 2023 18:02



Tgt Ion: 96 Resp: 4047
Ion Ratio Lower Upper
96 100
61 149.4 97.2 180.4
98 69.6 46.1 85.7

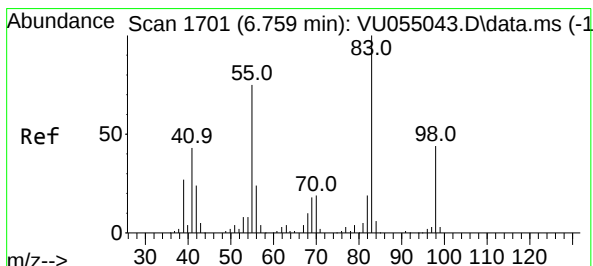
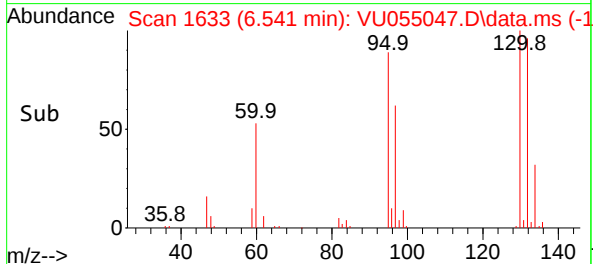
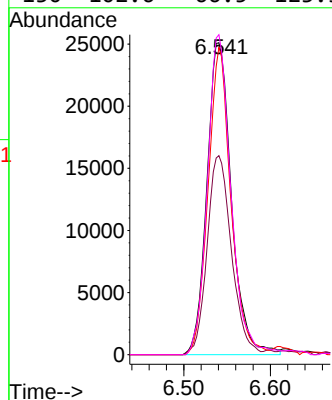
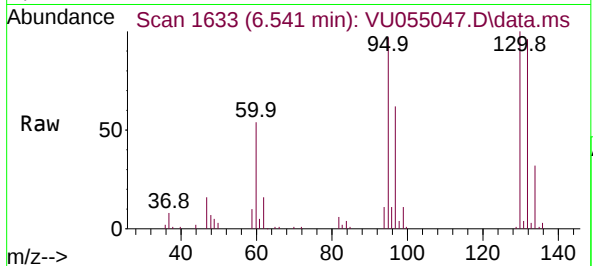




#34
Trichloroethene
Concen: 5.803 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055047.D
Acq: 01 Sep 2023 18:02

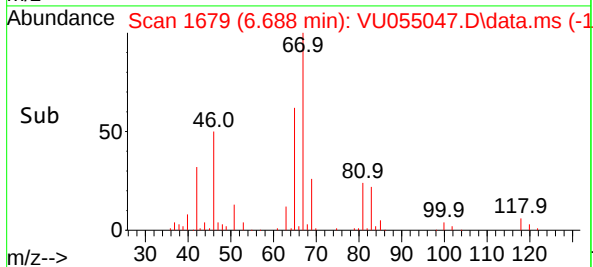
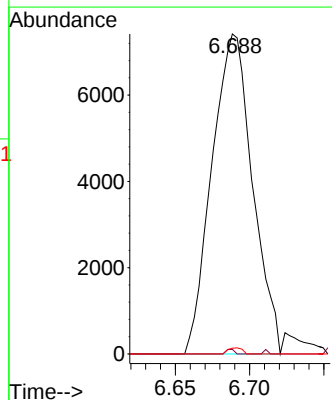
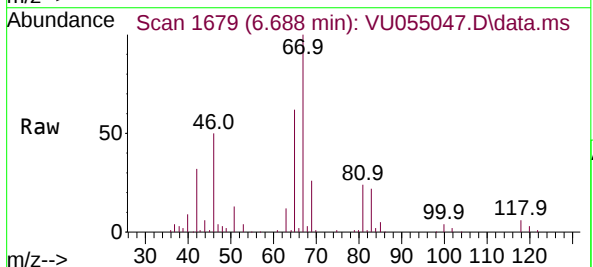
Instrument :
MSVOA_U
ClientSampleId :

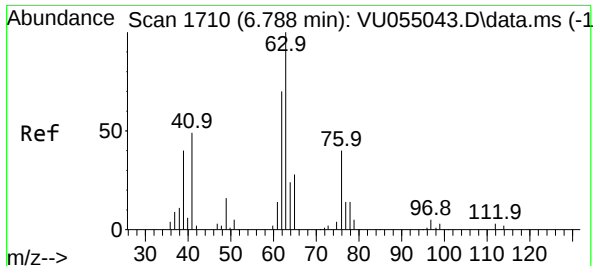
Tgt Ion: 95 Resp: 49507
Ion Ratio Lower Upper
95 100
97 63.8 44.7 83.1
132 98.5 66.6 123.6
130 102.6 66.5 123.5



#35
Methylcyclohexane
Concen: 1.180 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055047.D
Acq: 01 Sep 2023 18:02

Tgt Ion: 83 Resp: 14124
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 0.7 35.3 52.9#

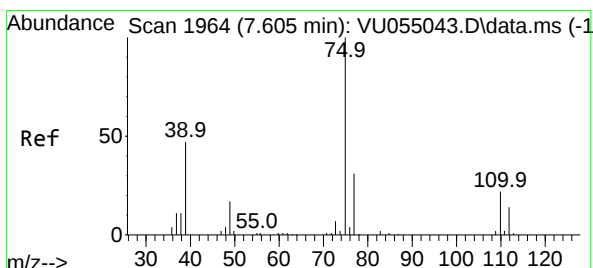
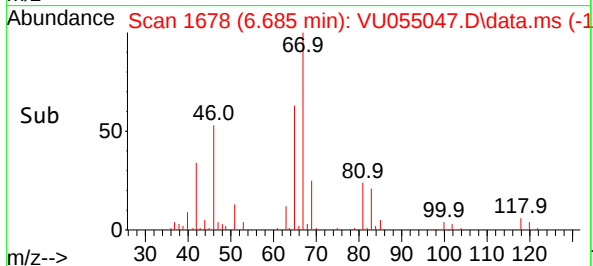
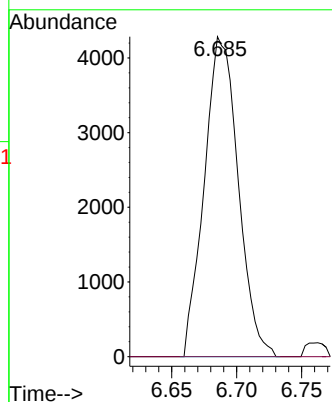
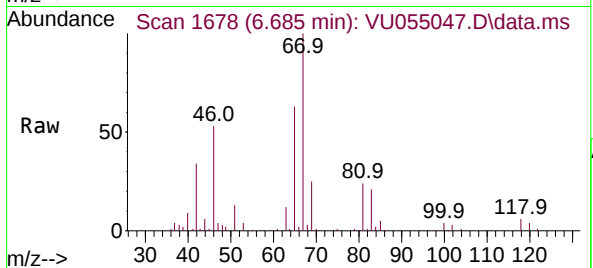




#37
1,2-Dichloropropane
Concen: 0.932 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU055047.D
Acq: 01 Sep 2023 18:02

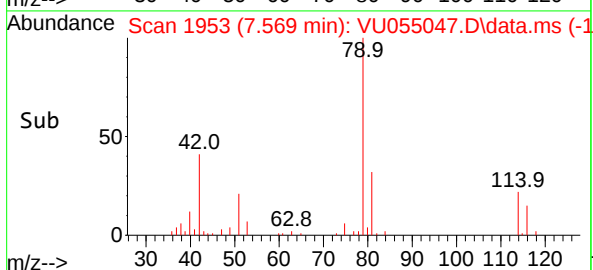
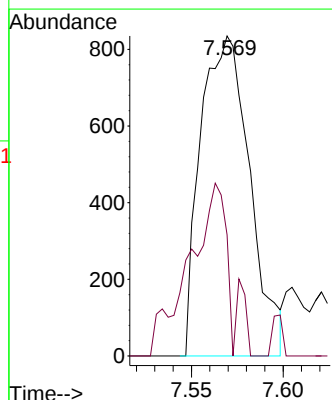
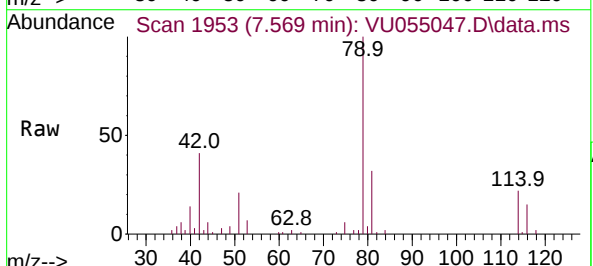
Instrument :
MSVOA_U
ClientSampleId :

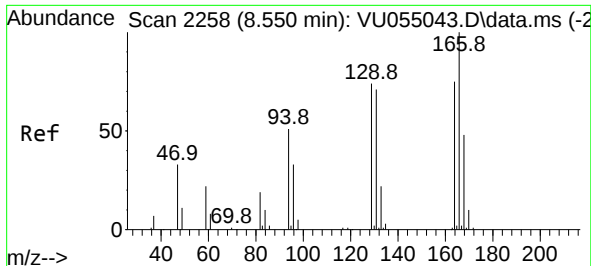
Tgt Ion: 63 Resp: 7791
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.137 ug/L
RT: 7.569 min Scan# 1953
Delta R.T. -0.036 min
Lab File: VU055047.D
Acq: 01 Sep 2023 18:02

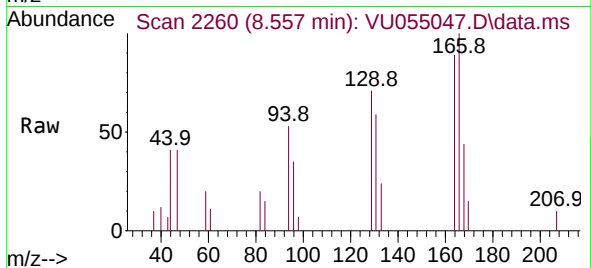
Tgt Ion: 75 Resp: 1556
Ion Ratio Lower Upper
75 100
77 37.8 20.9 38.9



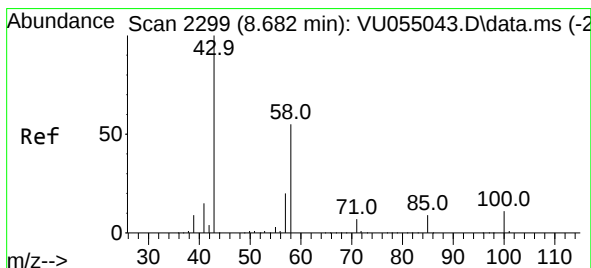
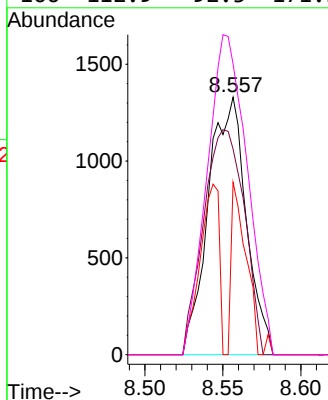
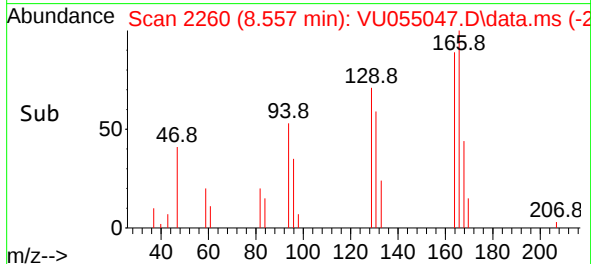


#47
Tetrachloroethene
Concen: 0.381 ug/L
RT: 8.557 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055047.D
Acq: 01 Sep 2023 18:02

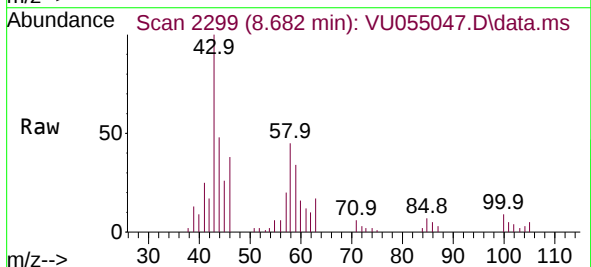
Instrument :
MSVOA_U
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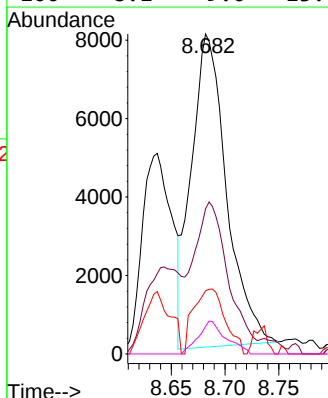
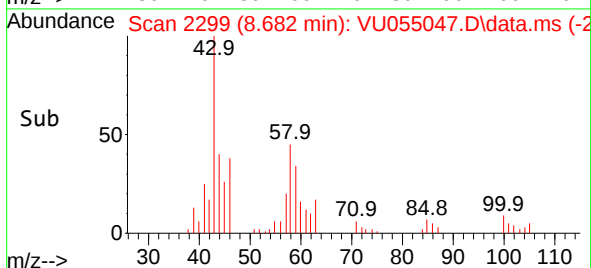
Tgt Ion:164 Resp: 2247
Ion Ratio Lower Upper
164 100
129 79.8 69.2 128.6
131 66.9 68.8 127.8#
166 112.9 92.3 171.5

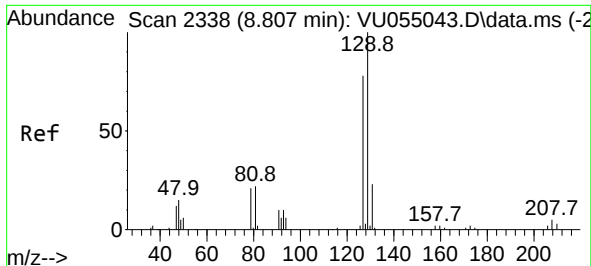


#48
2-Hexanone
Concen: 4.880 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055047.D
Acq: 01 Sep 2023 18:02



Tgt Ion: 43 Resp: 18222
Ion Ratio Lower Upper
43 100
58 41.4 44.0 66.0#
57 18.6 16.2 24.2
100 8.1 9.0 13.4#





#49

Dibromochloromethane

Concen: 0.345 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU055047.D

Acq: 01 Sep 2023 18:02

Instrument :

MSVOA_U

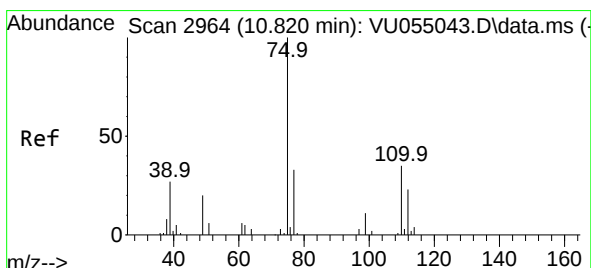
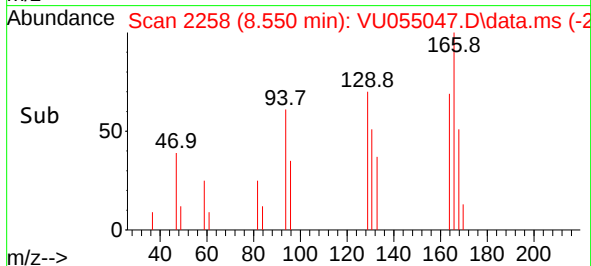
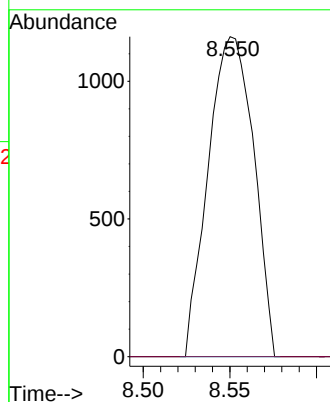
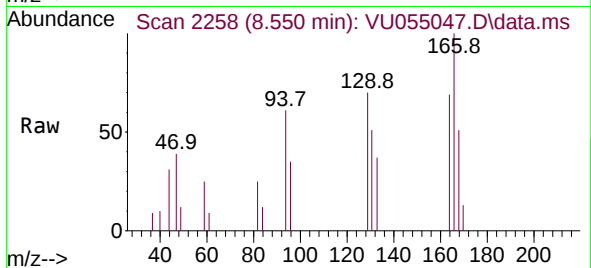
ClientSampleId :

Tgt Ion:129 Resp: 2121

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.160 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055047.D

Acq: 01 Sep 2023 18:02

Tgt Ion: 75 Resp: 10731

Ion Ratio Lower Upper

75 100

110 1.4 28.2 42.2#

77 35.7 26.2 39.4

