

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056414.D
 Acq On : 16 Nov 2023 17:58
 Operator : MD/SY
 Sample : 05340-18DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 01:39:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 01:31:28 2023
 Response via : Initial Calibration

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

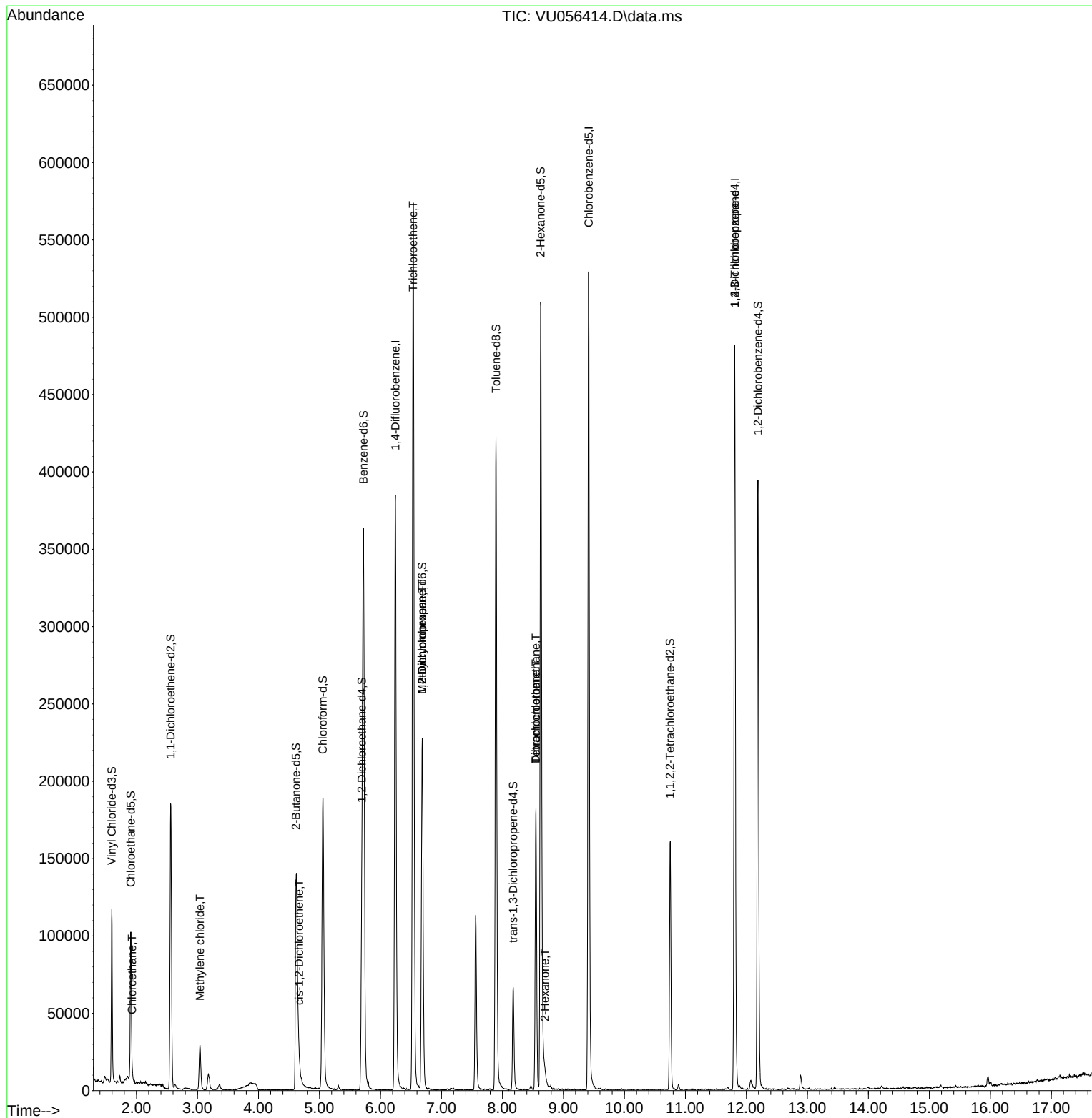
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	307527	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	305082	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	129188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	79219	3.444	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.907	69	71618	4.061	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.560	65	34333	3.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.618	46	215181	46.915	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.820%
24) Chloroform-d	5.055	84	182164	4.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
26) 1,2-Dichloroethane-d4	5.695	65	92348	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.721	84	346657	3.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	6.685	67	110850	4.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.894	98	287862	3.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.177	79	40700	3.874	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.627	63	175808	42.580	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.160%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	82086	4.193	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	104555	4.381	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.927	64	1976	0.135	ug/L	83
16) Methylene chloride	3.039	84	14239	0.572	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	2623	0.119	ug/L	87
34) Trichloroethene	6.537	95	204824	8.636	ug/L	98
35) Methylcyclohexane	6.685	83	26982	0.788	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	11930	0.526	ug/L #	89
47) Tetrachloroethene	8.550	164	40044	2.504	ug/L	97
48) 2-Hexanone	8.695	43	5861	0.669	ug/L #	94
49) Dibromochloromethane	8.550	129	40905	2.379	ug/L #	12
61) 1,2,3-Trichloropropane	11.811	75	16072	1.450	ug/L #	68

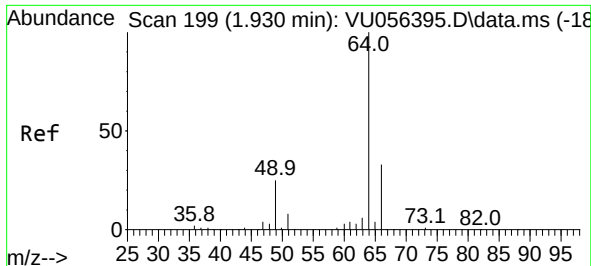
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 17 01:31:28 2023
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.135 ug/L

RT: 1.927 min Scan# 19

Delta R.T. -0.004 min

Lab File: VU056414.D

Acq: 16 Nov 2023 17:58

Instrument :

MSVOA_U

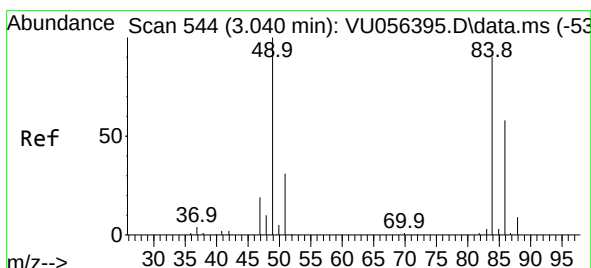
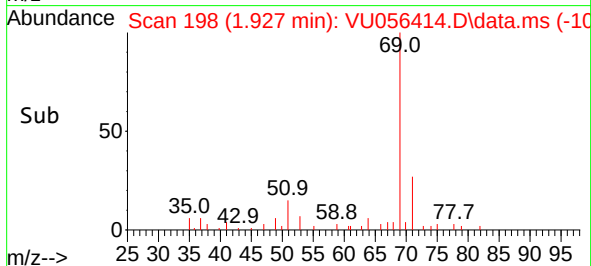
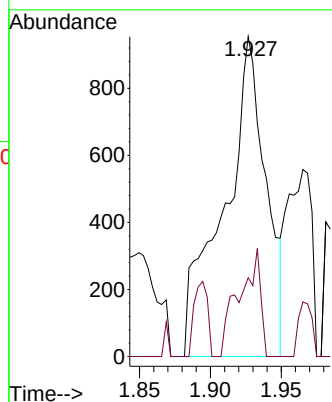
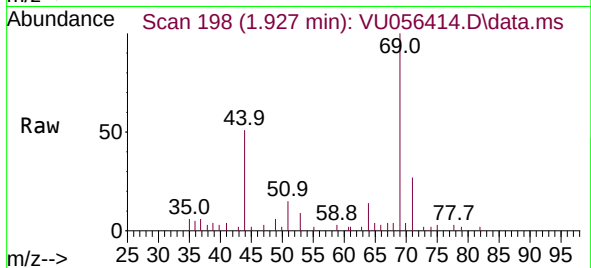
ClientSampleId :

Tgt Ion: 64 Resp: 1976

Ion Ratio Lower Upper

64 100

66 24.6 23.9 44.5



#16

Methylene chloride

Concen: 0.572 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU056414.D

Acq: 16 Nov 2023 17:58

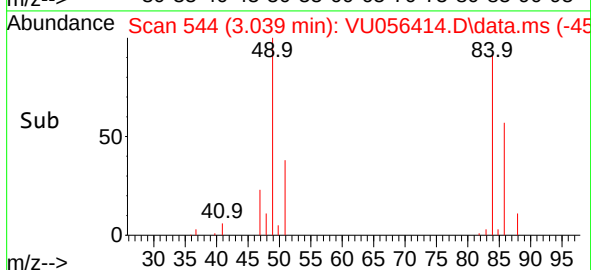
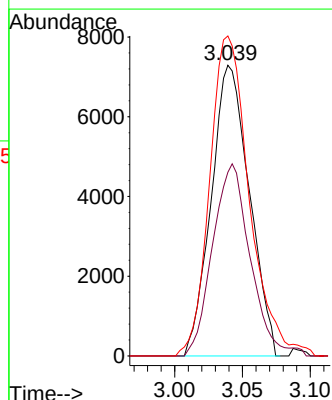
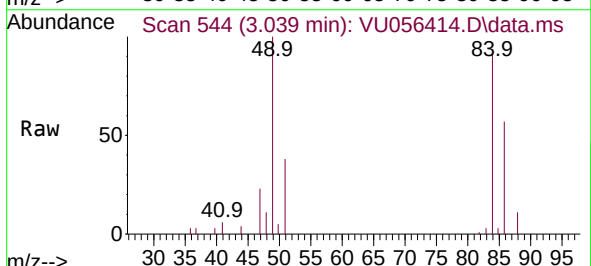
Tgt Ion: 84 Resp: 14239

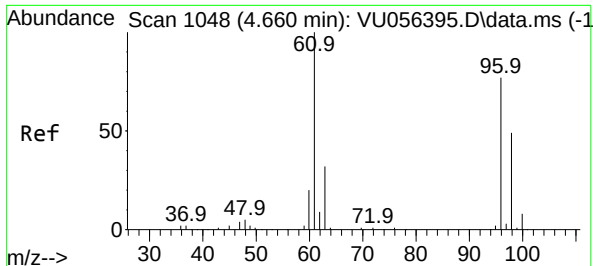
Ion Ratio Lower Upper

84 100

86 63.2 44.7 83.1

49 116.0 81.8 152.0





#22

cis-1,2-Dichloroethene

Concen: 0.119 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU056414.D

Acq: 16 Nov 2023 17:58

Instrument :

MSVOA_U

ClientSampleId :

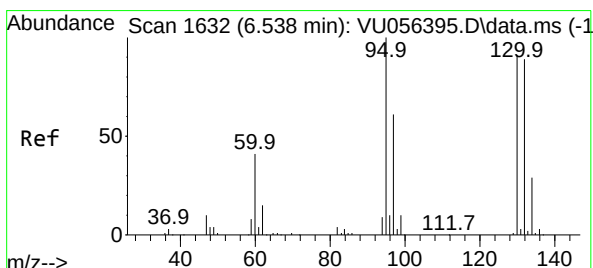
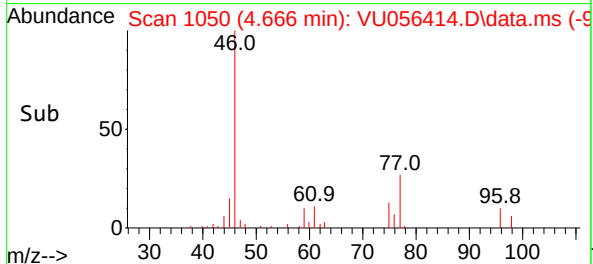
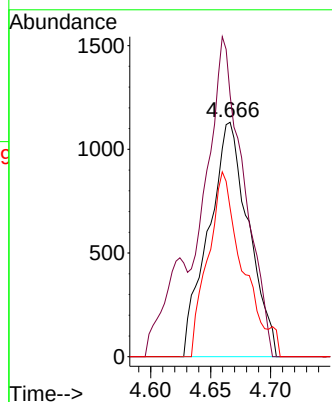
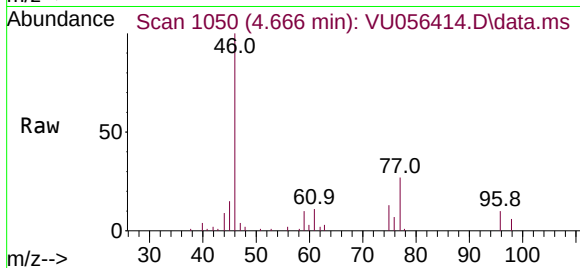
Tgt Ion: 96 Resp: 2623

Ion Ratio Lower Upper

96 100

61 111.6 93.2 173.2

98 63.4 44.8 83.2



#34

Trichloroethene

Concen: 8.636 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU056414.D

Acq: 16 Nov 2023 17:58

Tgt Ion: 95 Resp: 204824

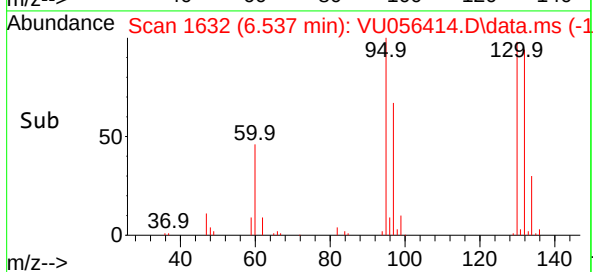
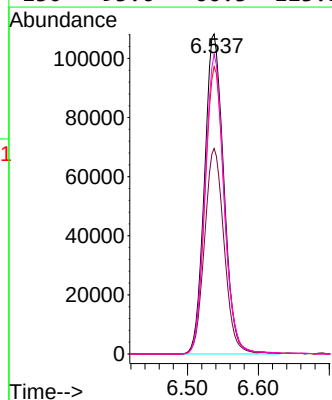
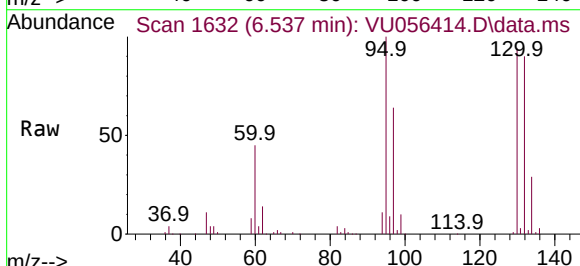
Ion Ratio Lower Upper

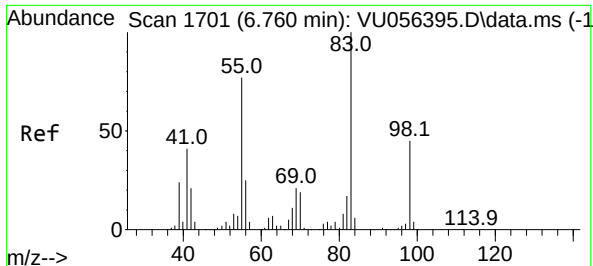
95 100

97 64.2 46.5 86.3

132 89.8 62.0 115.2

130 93.6 66.3 123.1

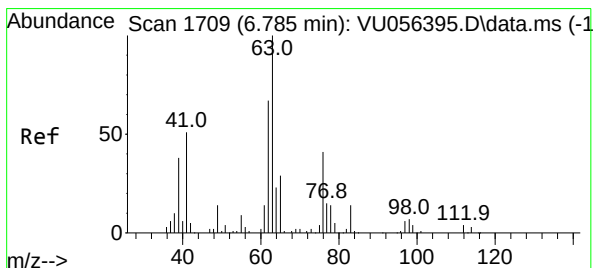
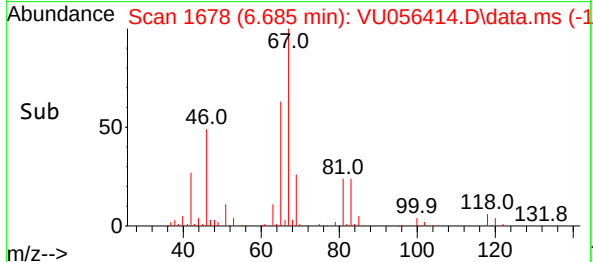
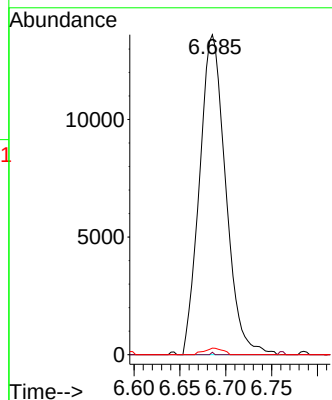
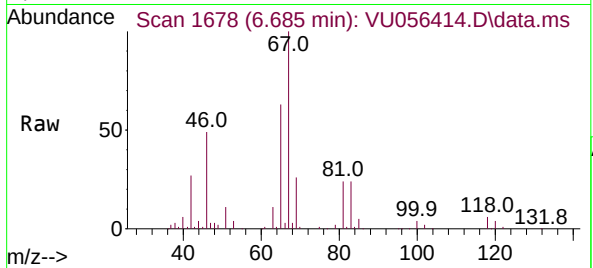




#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056414.D
Acq: 16 Nov 2023 17:58

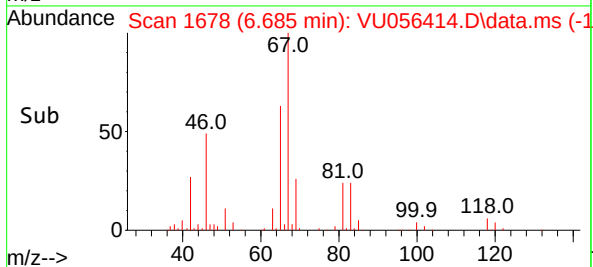
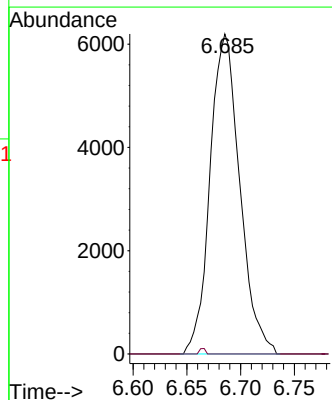
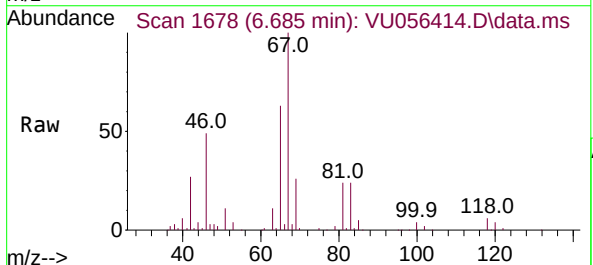
Instrument :
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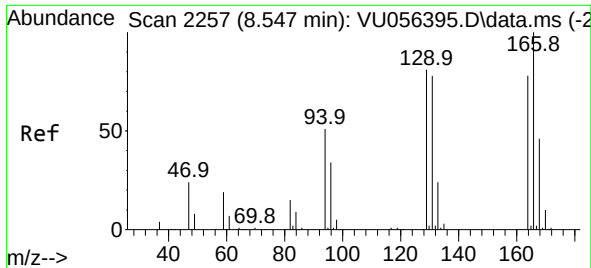
Tgt Ion: 83 Resp: 26982
Ion Ratio Lower Upper
83 100
55 0.1 62.9 94.3#
98 1.5 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.526 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056414.D
Acq: 16 Nov 2023 17:58

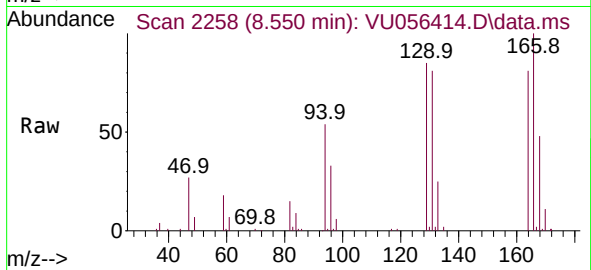
Tgt Ion: 63 Resp: 11930
Ion Ratio Lower Upper
63 100
112 0.3 3.2 4.8#



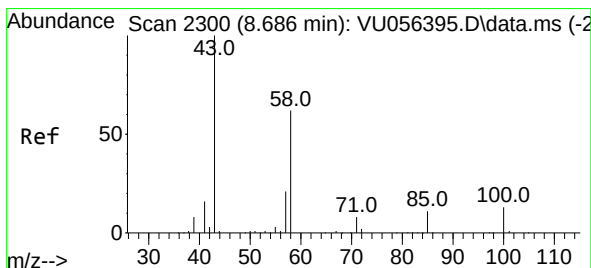
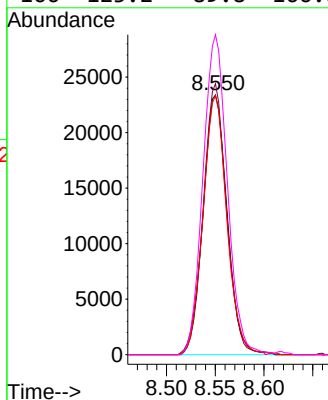
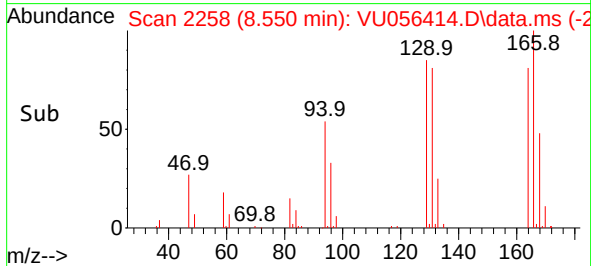


#47
Tetrachloroethene
Concen: 2.504 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056414.D
Acq: 16 Nov 2023 17:58

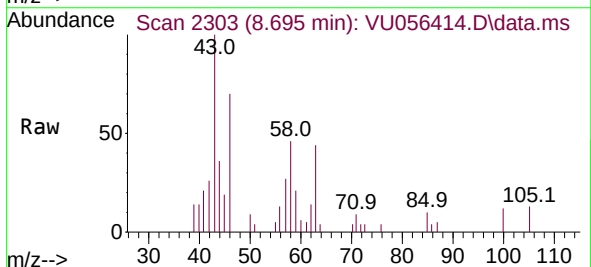
Instrument :
MSVOA_U
ClientSampleId :



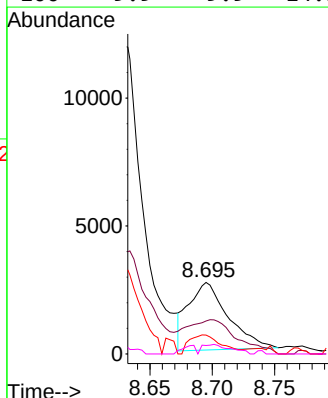
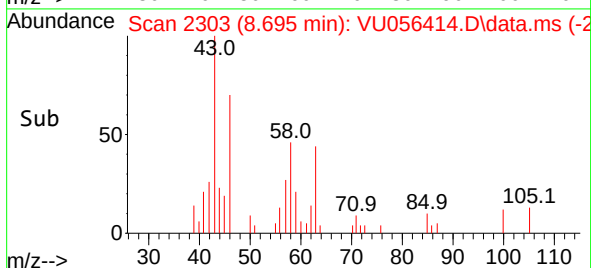
Tgt Ion:164 Resp: 40044
Ion Ratio Lower Upper
164 100
129 104.4 71.0 131.9
131 99.7 70.3 130.7
166 123.2 89.8 166.8

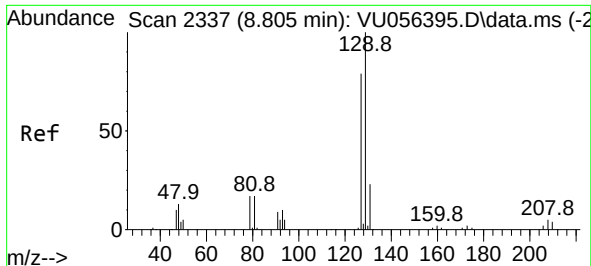


#48
2-Hexanone
Concen: 0.669 ug/L
RT: 8.695 min Scan# 2303
Delta R.T. 0.009 min
Lab File: VU056414.D
Acq: 16 Nov 2023 17:58



Tgt Ion: 43 Resp: 5861
Ion Ratio Lower Upper
43 100
58 65.7 48.7 73.1
57 22.9 16.8 25.2
100 9.9 9.9 14.9#

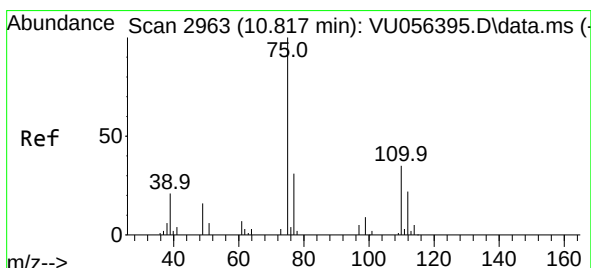
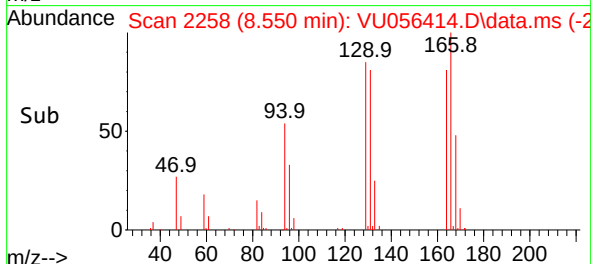
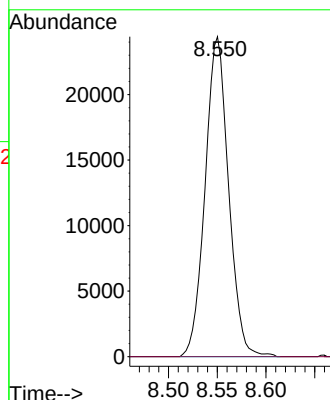
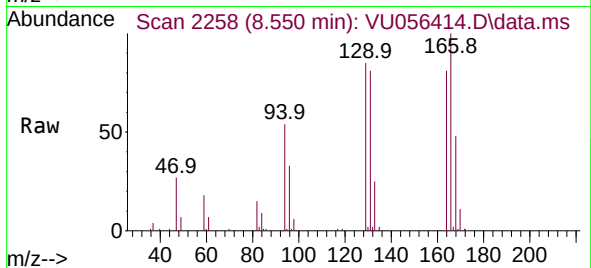




#49
Dibromochloromethane
Concen: 2.379 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056414.D
Acq: 16 Nov 2023 17:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 40905
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#



#61
1,2,3-Trichloropropane
Concen: 1.450 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU056414.D
Acq: 16 Nov 2023 17:58

Tgt Ion: 75 Resp: 16072
Ion Ratio Lower Upper
75 100
110 2.2 30.4 45.6#
77 32.8 27.0 40.6

