

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032524\
 Data File : VU058214.D
 Acq On : 25 Mar 2024 17:02
 Operator : MD/SY
 Sample : P1841-01DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 26 01:42:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 26 01:41:16 2024
 Response via : Initial Calibration

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

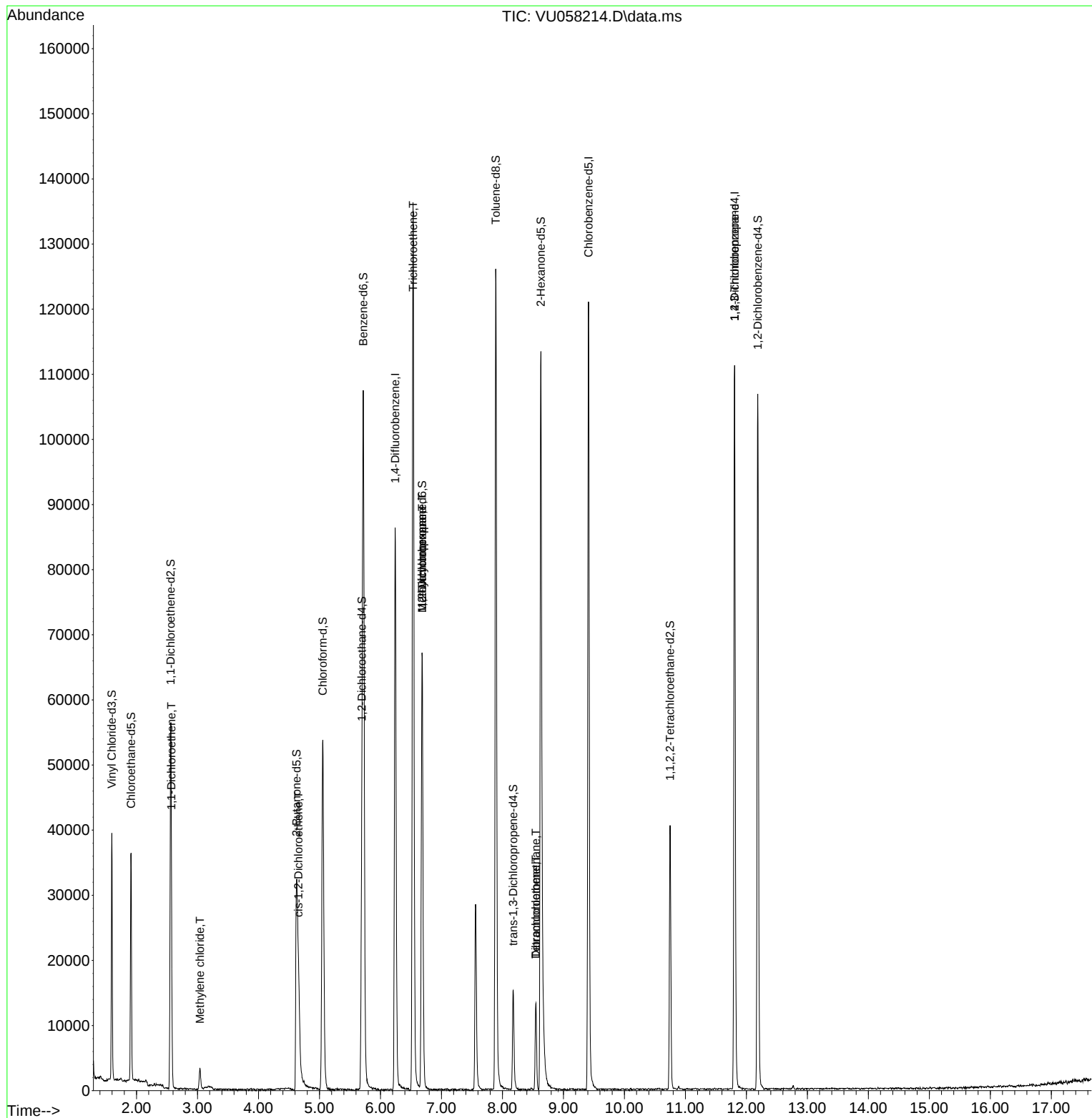
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	69977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29406	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	25918	4.383	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.910	69	24398	5.055	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.560	65	10828	4.410	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.624	46	53094	50.538	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.080%
24) Chloroform-d	5.055	84	51061	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.695	65	25131	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.717	84	101797	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.685	67	33006	5.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.891	98	86539	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.177	79	9911	4.783	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.630	63	40908	48.749	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.500%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21055	4.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	28151	5.141	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	893	0.255	ug/L #	1
16) Methylene chloride	3.039	84	1485	0.299	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	4762	1.051	ug/L	98
34) Trichloroethene	6.534	95	47698	10.318	ug/L	98
35) Methylcyclohexane	6.685	83	7425	1.152	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	3565	0.719	ug/L #	90
47) Tetrachloroethene	8.550	164	3087	0.997	ug/L	94
49) Dibromochloromethane	8.550	129	2827	0.828	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	4063	1.650	ug/L #	66

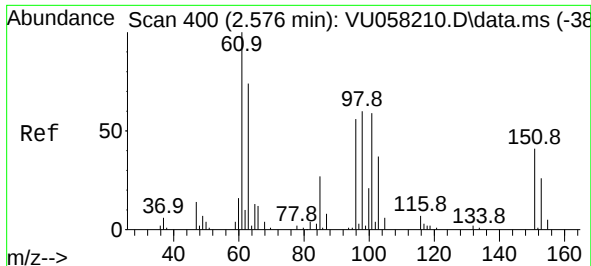
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032524\
Data File : VU058214.D
Acq On : 25 Mar 2024 17:02
Operator : MD/SY
Sample : P1841-01DL 40X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Mar 26 01:42:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Mar 26 01:41:16 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.255 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058214.D

Acq: 25 Mar 2024 17:02

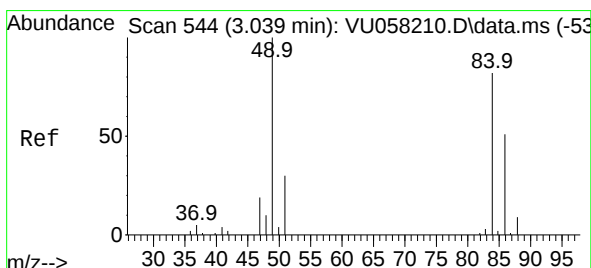
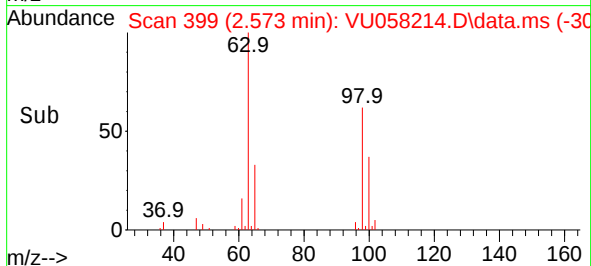
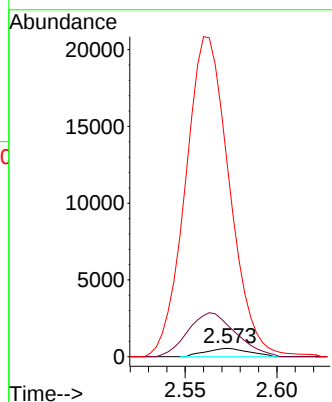
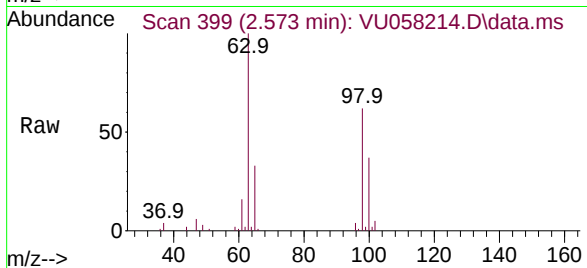
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 893

Ion	Ratio	Lower	Upper
96	100		
61	296.6	128.1	237.9#
63	1799.0	116.8	217.0#



#16

Methylene chloride

Concen: 0.299 ug/L

RT: 3.039 min Scan# 544

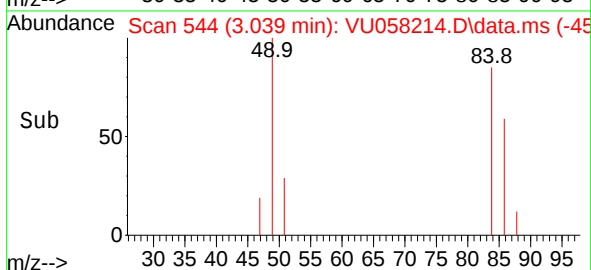
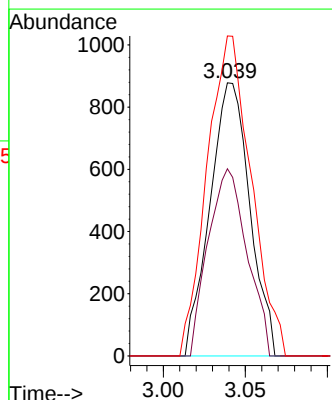
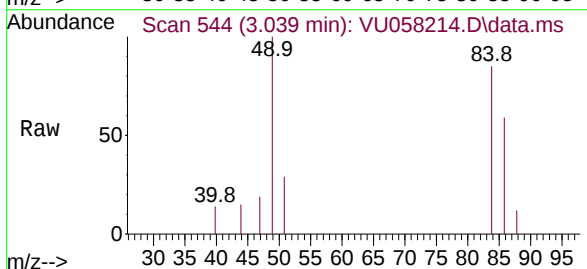
Delta R.T. -0.000 min

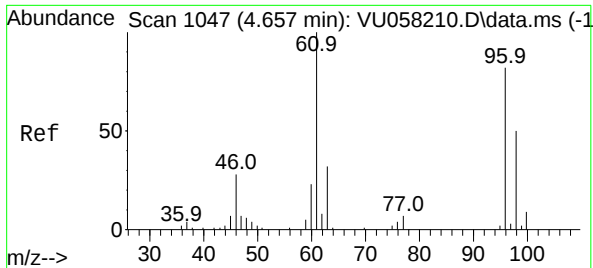
Lab File: VU058214.D

Acq: 25 Mar 2024 17:02

Tgt Ion: 84 Resp: 1485

Ion	Ratio	Lower	Upper
84	100		
86	68.6	45.6	84.6
49	117.2	88.3	163.9

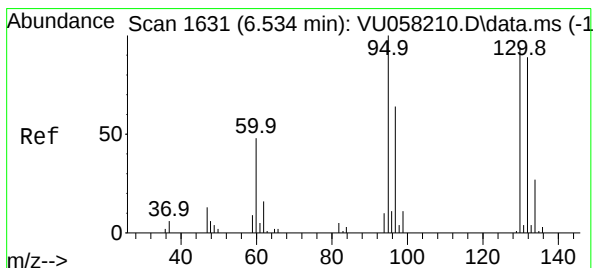
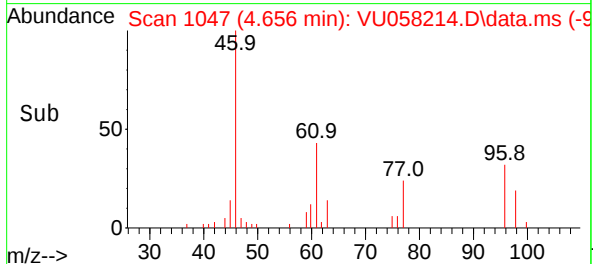
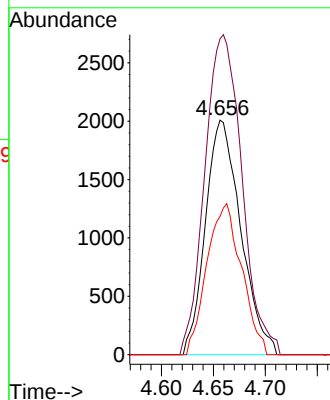
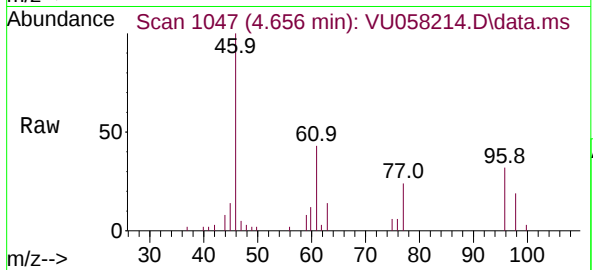




#22
cis-1,2-Dichloroethene
Concen: 1.051 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU058214.D
Acq: 25 Mar 2024 17:02

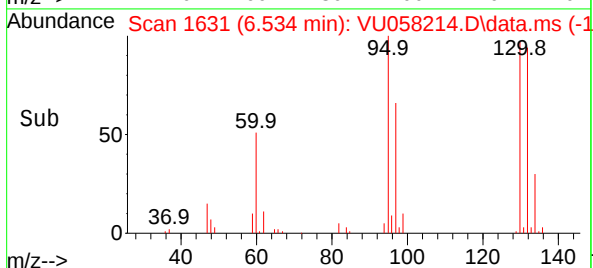
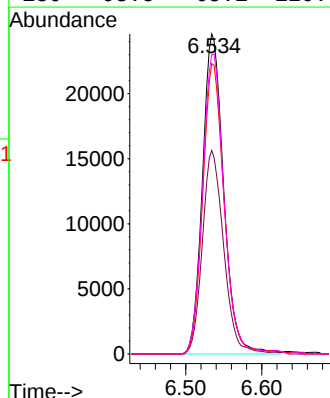
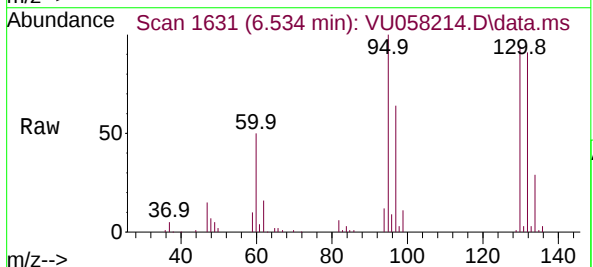
Instrument :
MSVOA_U
ClientSampleId :

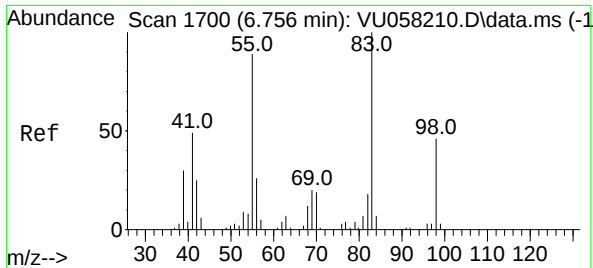
Tgt Ion: 96 Resp: 4762
Ion Ratio Lower Upper
96 100
61 134.6 92.8 172.4
98 59.0 43.2 80.2



#34
Trichloroethene
Concen: 10.318 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU058214.D
Acq: 25 Mar 2024 17:02

Tgt Ion: 95 Resp: 47698
Ion Ratio Lower Upper
95 100
97 63.6 47.7 88.7
132 90.7 63.6 118.2
130 93.5 65.1 120.9





#35

Methylcyclohexane

Concen: 1.152 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU058214.D

Acq: 25 Mar 2024 17:02

Instrument :

MSVOA_U

ClientSampleId :

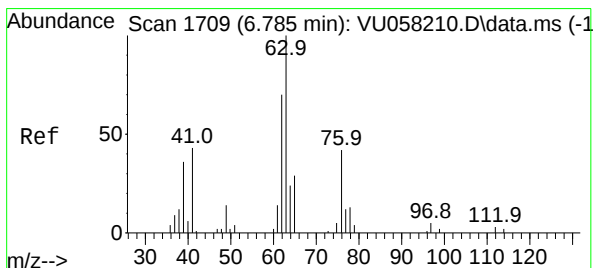
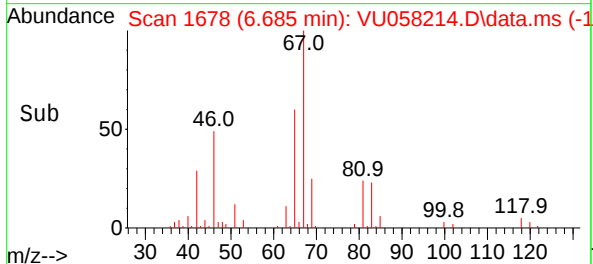
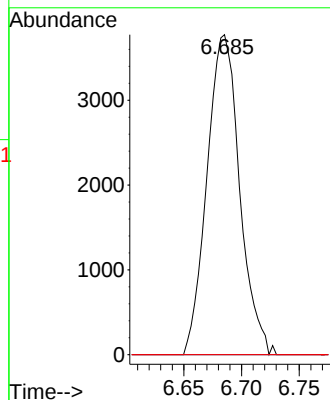
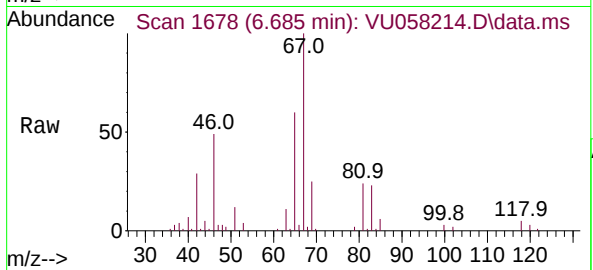
Tgt Ion: 83 Resp: 7425

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.719 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU058214.D

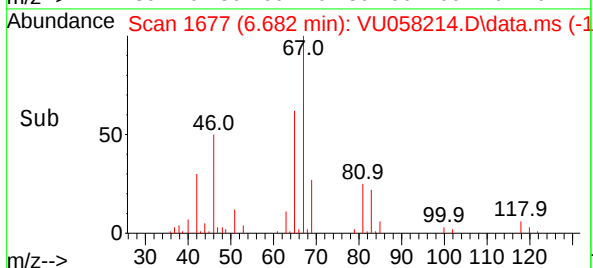
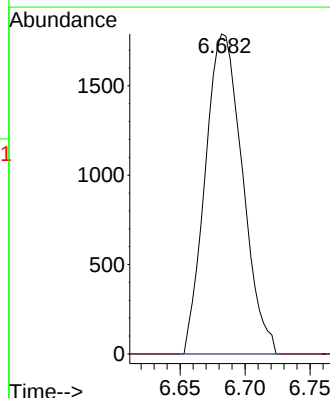
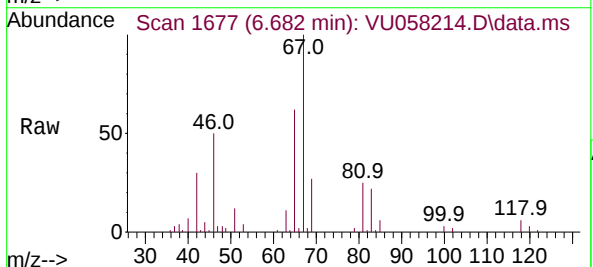
Acq: 25 Mar 2024 17:02

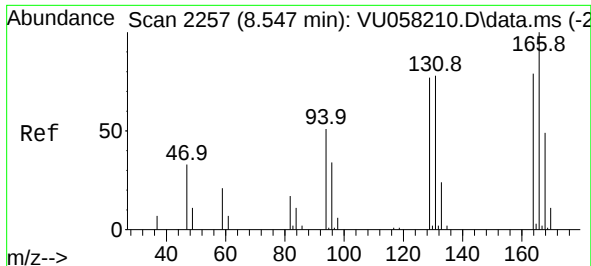
Tgt Ion: 63 Resp: 3565

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#





#47

Tetrachloroethene

Concen: 0.997 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

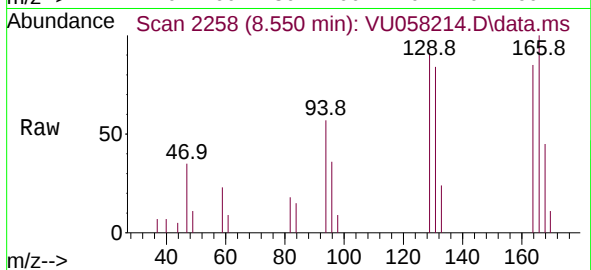
Lab File: VU058214.D

Acq: 25 Mar 2024 17:02

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 3087

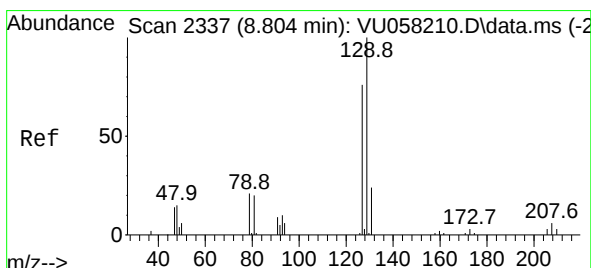
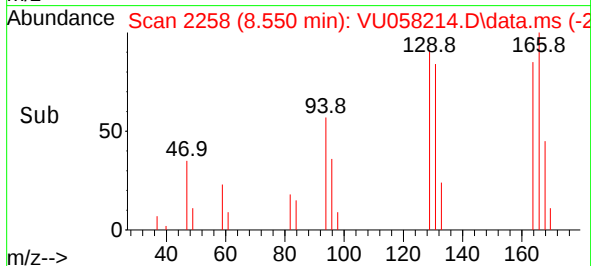
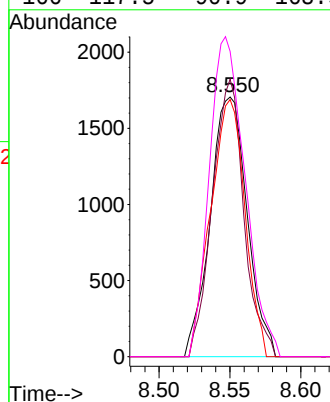
Ion Ratio Lower Upper

164 100

129 106.8 71.3 132.3

131 99.0 70.8 131.4

166 117.5 90.9 168.9



#49

Dibromochloromethane

Concen: 0.828 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU058214.D

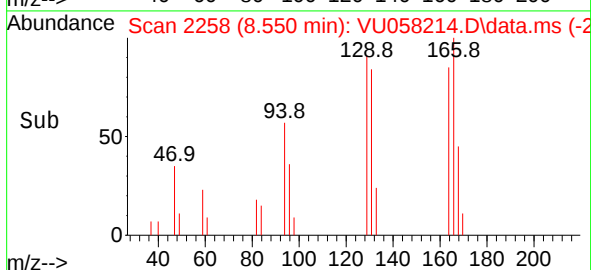
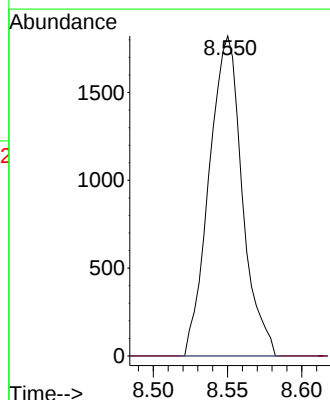
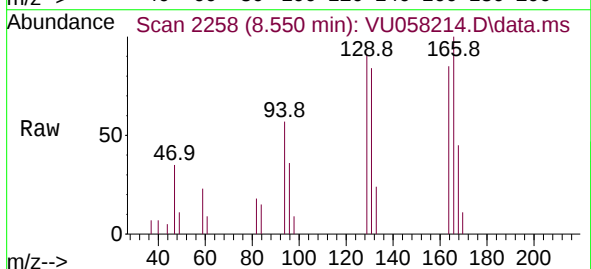
Acq: 25 Mar 2024 17:02

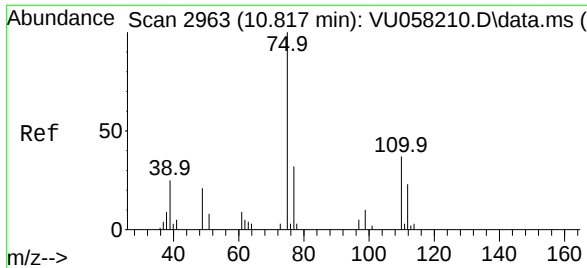
Tgt Ion:129 Resp: 2827

Ion Ratio Lower Upper

129 100

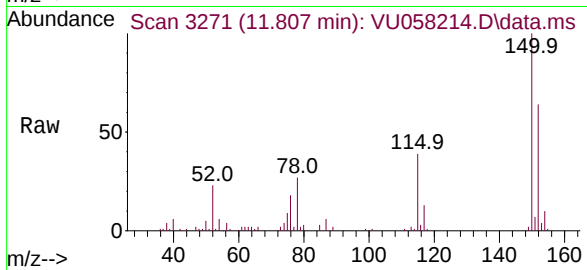
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.650 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058214.D
 Acq: 25 Mar 2024 17:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4063
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.1 42.1#
 77 28.6 25.1 37.7

