

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058239.D
 Acq On : 28 Mar 2024 15:08
 Operator : MD/SY
 Sample : P1902-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 29 01:10:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 29 01:09:13 2024
 Response via : Initial Calibration

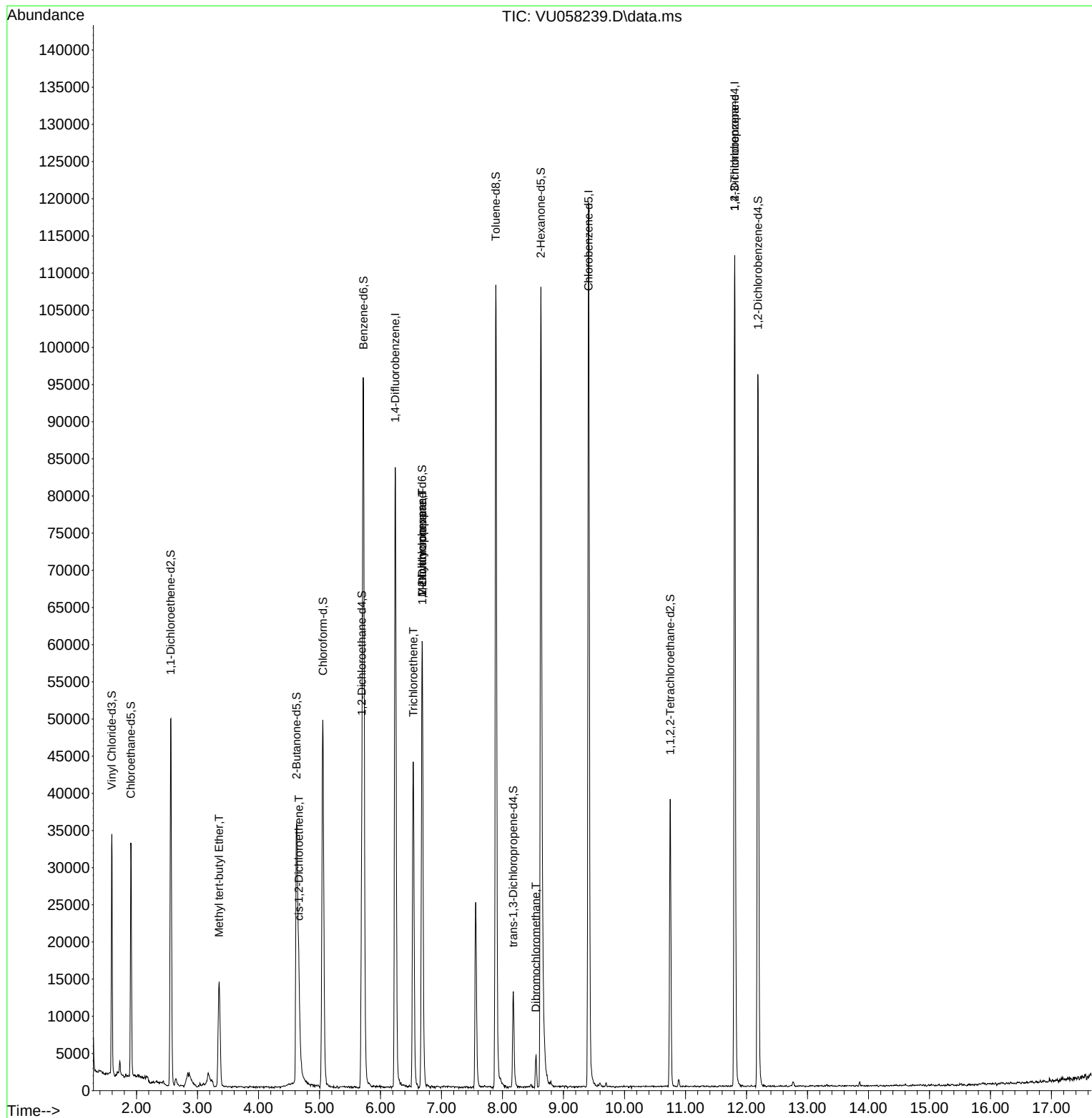
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69578	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	66728	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22467	3.821	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.907	69	21876	4.558	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.560	65	9676	3.964	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.624	46	53458	51.177	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.360%
24) Chloroform-d	5.055	84	47006	4.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.695	65	23608	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.721	84	90021	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.682	67	29085	4.553	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.891	98	74145	3.862	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	8.177	79	8585	4.195	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.627	63	39072	47.139	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19580	4.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	25830	4.804	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
17) Methyl tert-butyl Ether	3.354	73	16047	1.714	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	4371	0.970	ug/L	91
34) Trichloroethene	6.537	95	15812	3.463	ug/L	99
35) Methylcyclohexane	6.682	83	6139	0.964	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	3402	0.695	ug/L #	90
49) Dibromochloromethane	8.547	129	905	0.268	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3841	1.589	ug/L #	63

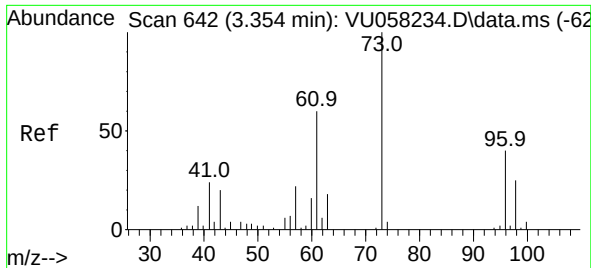
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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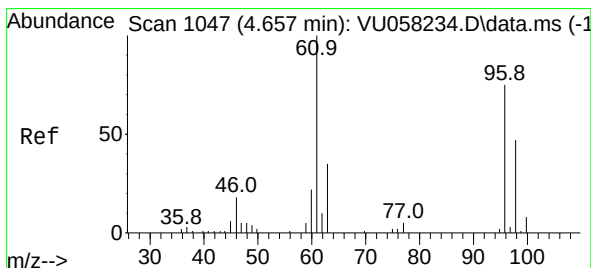
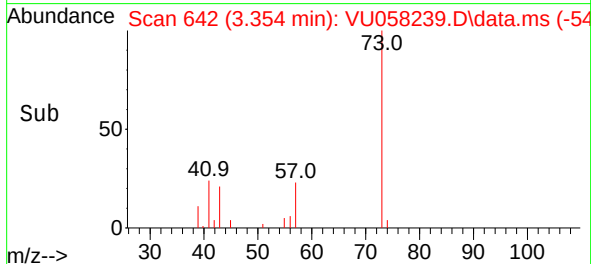
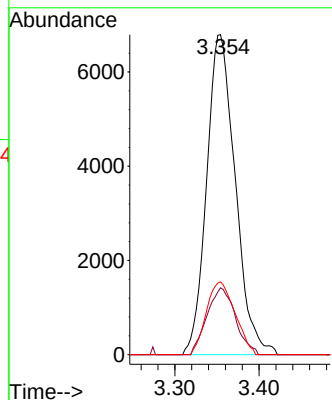
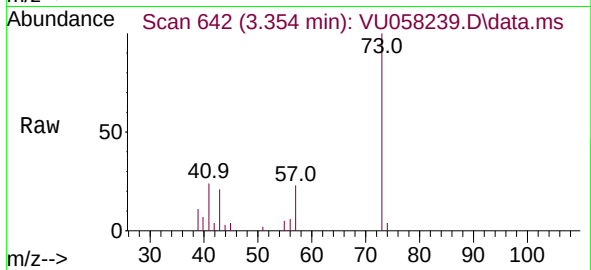




#17
Methyl tert-butyl Ether
Concen: 1.714 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU058239.D
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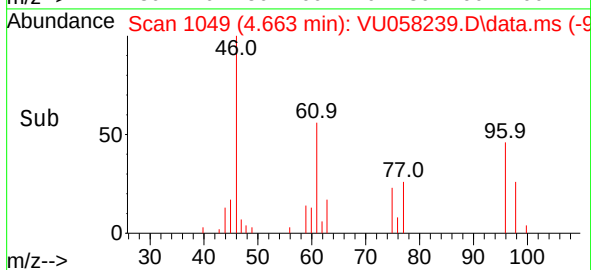
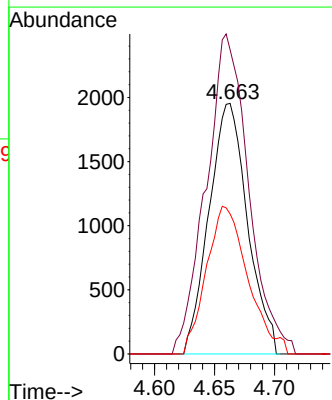
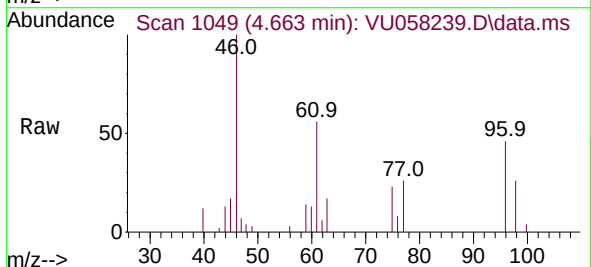
Instrument :
MSVOA_U
ClientSampleId :

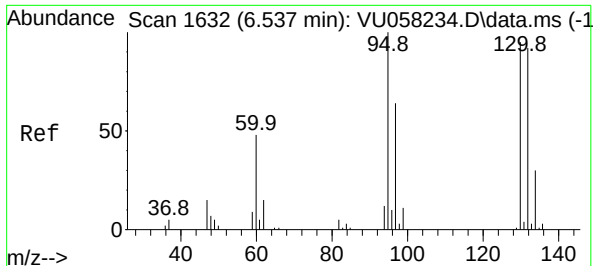
Tgt Ion: 73	Resp:	16047
Ion Ratio	Lower	Upper
73	100	
43	20.8	15.5 23.3
57	22.7	18.0 27.0



#22
cis-1,2-Dichloroethene
Concen: 0.970 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU058239.D
Acq: 28 Mar 2024 15:08

Tgt Ion: 96	Resp:	4371
Ion Ratio	Lower	Upper
96	100	
61	121.5	92.8 172.4
98	55.9	43.2 80.2

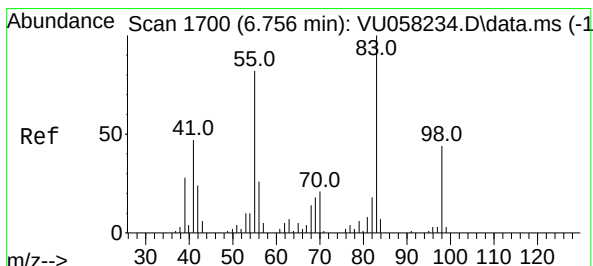
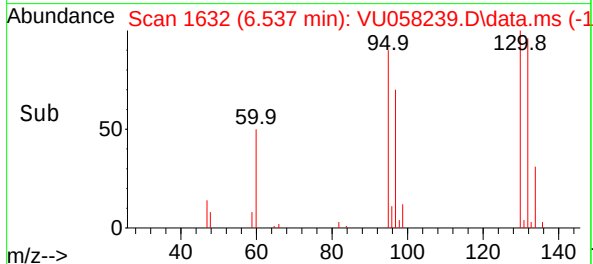
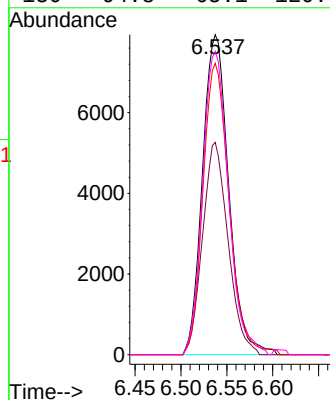
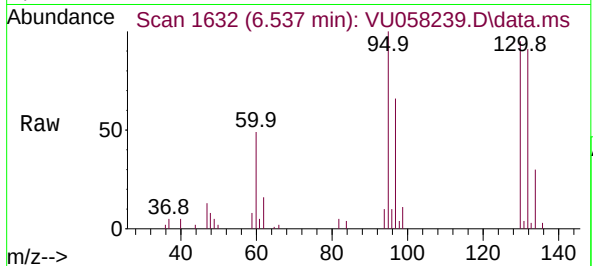




#34
Trichloroethene
Concen: 3.463 ug/L
RT: 6.537 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VU058239.D
Acq: 28 Mar 2024 15:08

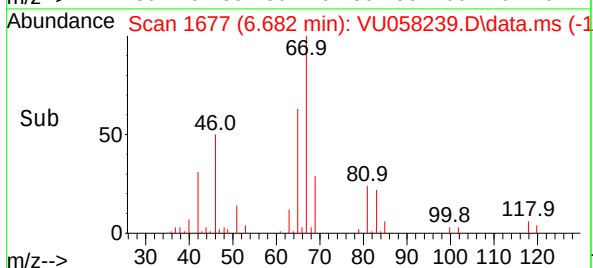
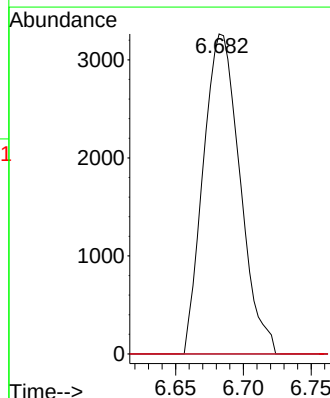
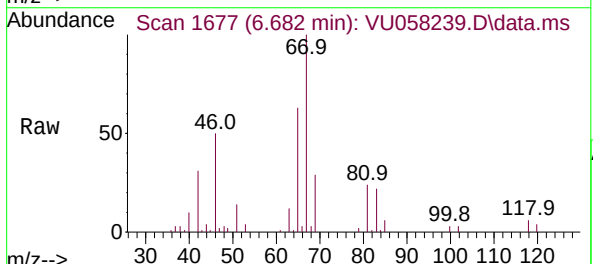
Instrument :
MSVOA_U
ClientSampleId :

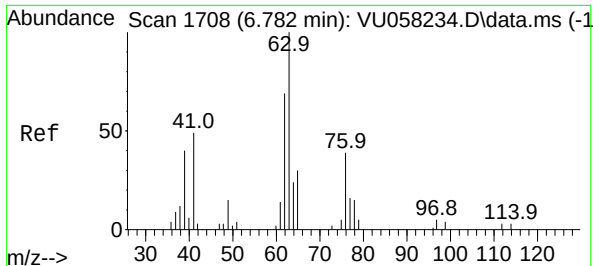
Tgt Ion: 95 Resp: 15812
Ion Ratio Lower Upper
95 100
97 66.4 47.7 88.7
132 91.1 63.6 118.2
130 94.8 65.1 120.9



#35
Methylcyclohexane
Concen: 0.964 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058239.D
Acq: 28 Mar 2024 15:08

Tgt Ion: 83 Resp: 6139
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.0 37.3 55.9#

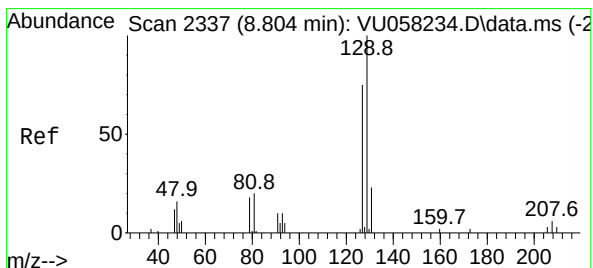
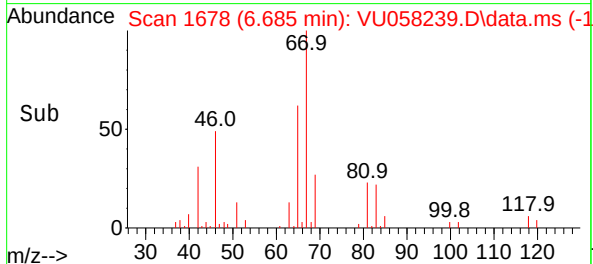
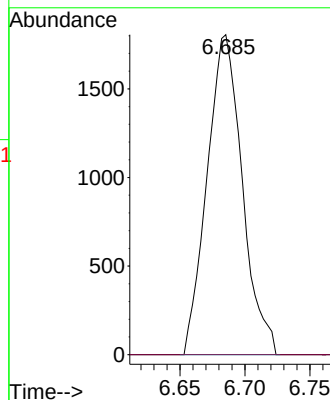
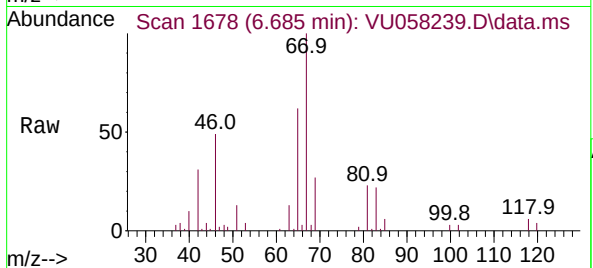




#37
1,2-Dichloropropane
Concen: 0.695 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU058239.D
Acq: 28 Mar 2024 15:08

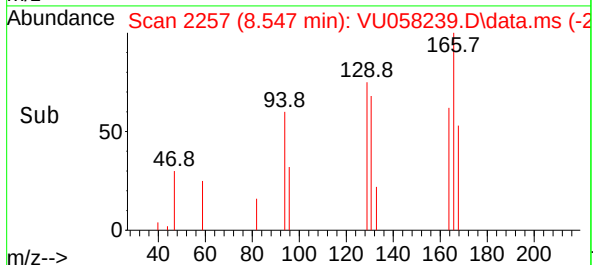
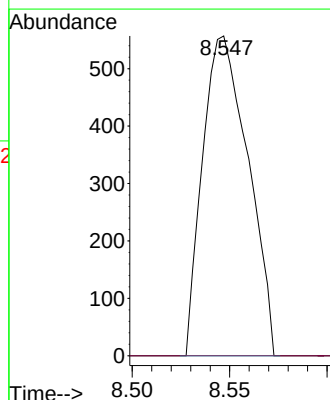
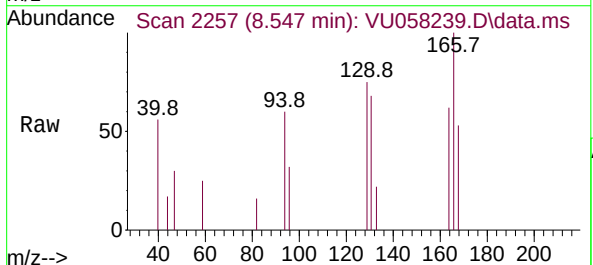
Instrument :
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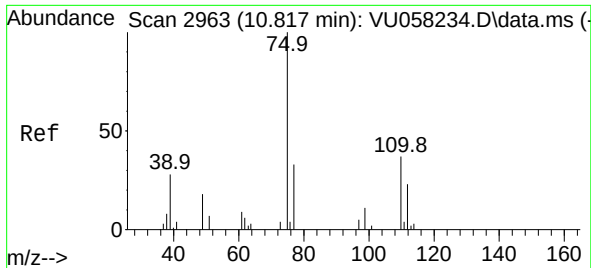
Tgt Ion: 63 Resp: 3402
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#49
Dibromochloromethane
Concen: 0.268 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU058239.D
Acq: 28 Mar 2024 15:08

Tgt Ion: 129 Resp: 905
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 1.589 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

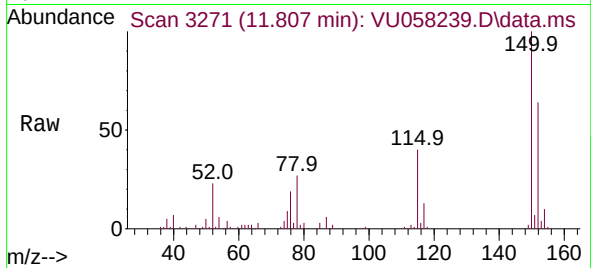
Lab File: VU058239.D

Acq: 28 Mar 2024 15:08

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 3841

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 36.9 25.1 37.7

