

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032824\
 Data File : VU058243.D
 Acq On : 28 Mar 2024 16:41
 Operator : MD/SY
 Sample : P1902-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 29 01:11:47 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

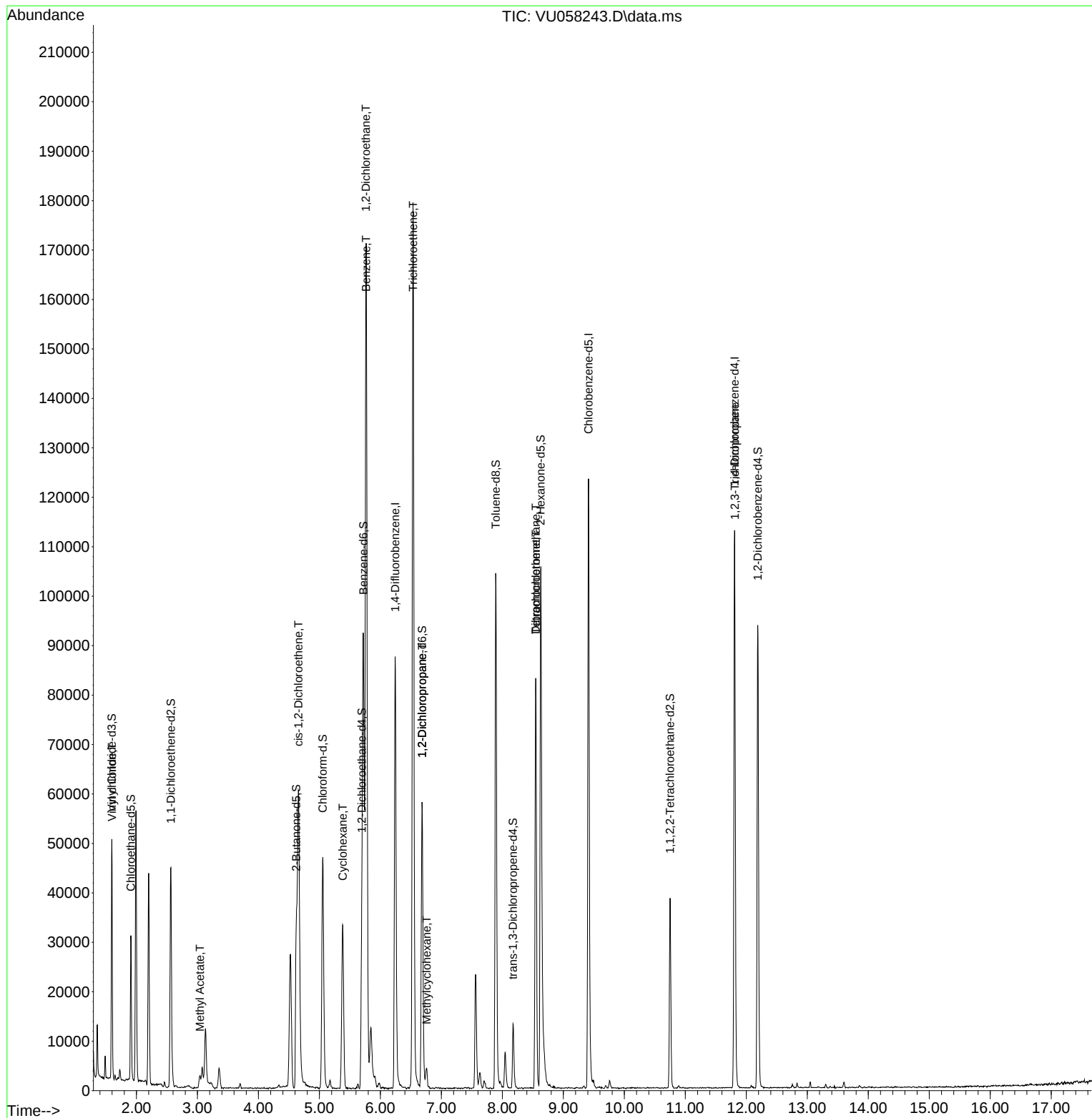
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	71813	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20109	3.314	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.907	69	19928	4.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.563	65	8911	3.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	4.621	46	52465	48.663	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.320%
24) Chloroform-d	5.055	84	44493	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.695	65	22554	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.721	84	86834	3.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.682	67	27916	4.304	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.891	98	71515	3.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.174	79	8256	3.972	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.627	63	37936	45.072	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.140%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19811	4.688	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	24852	4.511	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.200%
Target Compounds						
5) Vinyl chloride	1.599	62	2089	0.507	ug/L	87
15) Methyl Acetate	3.039	43	1046	0.722	ug/L #	55
22) cis-1,2-Dichloroethene	4.657	96	27759	5.971	ug/L	94
27) 1,2-Dichloroethane	5.763	62	1481	0.294	ug/L #	77
30) Cyclohexane	5.380	56	16108	2.632	ug/L	99
33) Benzene	5.766	78	163797	9.203	ug/L	100
34) Trichloroethene	6.534	95	61656	13.298	ug/L	97
35) Methylcyclohexane	6.759	83	1627	0.252	ug/L #	83
37) 1,2-Dichloropropane	6.682	63	2905	0.584	ug/L #	90
47) Tetrachloroethene	8.547	164	17510	5.638	ug/L	96
49) Dibromochloromethane	8.547	129	17616	5.141	ug/L #	10
61) 1,2,3-Trichloropropane	11.811	75	4073	1.644	ug/L #	68

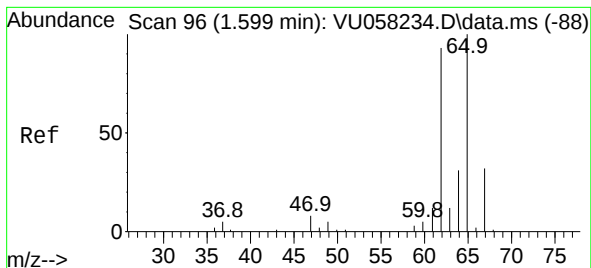
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.507 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

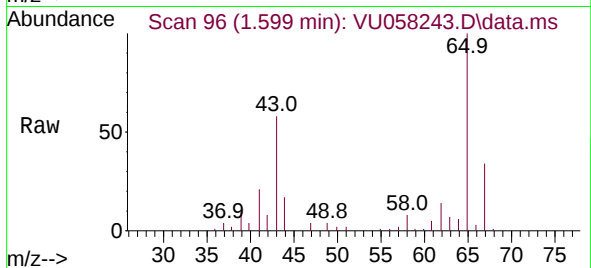
Lab File: VU058243.D

Acq: 28 Mar 2024 16:41

Instrument :

MSVOA_U

ClientSampleId :

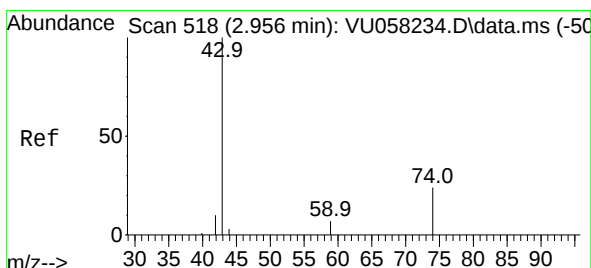
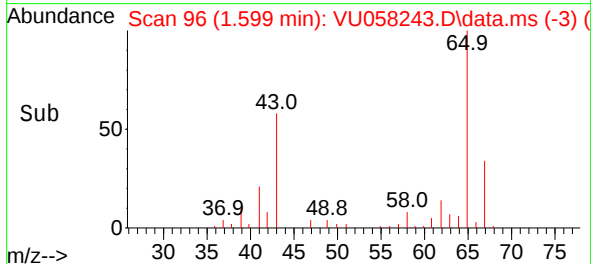
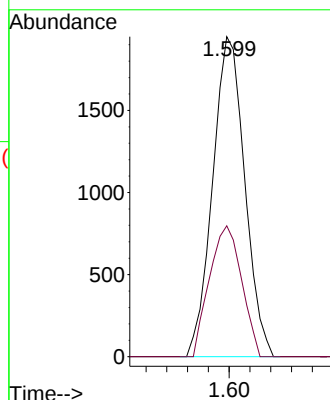


Tgt Ion: 62 Resp: 2089

Ion Ratio Lower Upper

62 100

64 40.9 23.4 43.6



#15

Methyl Acetate

Concen: 0.722 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.084 min

Lab File: VU058243.D

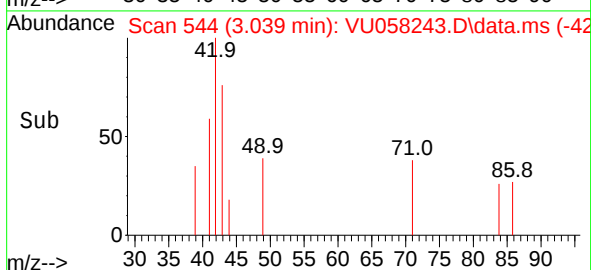
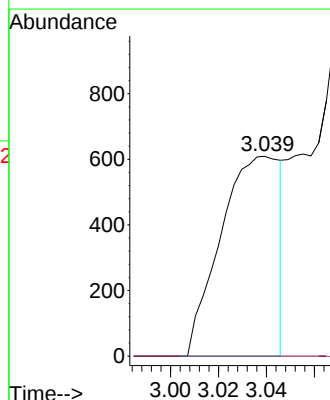
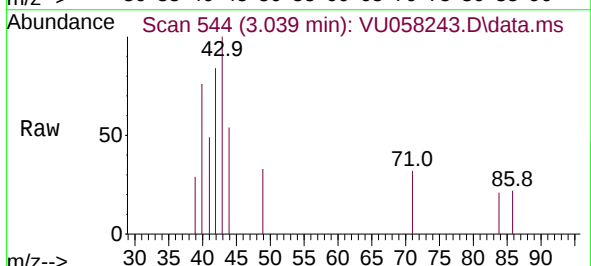
Acq: 28 Mar 2024 16:41

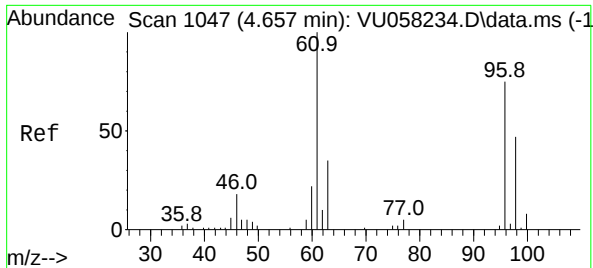
Tgt Ion: 43 Resp: 1046

Ion Ratio Lower Upper

43 100

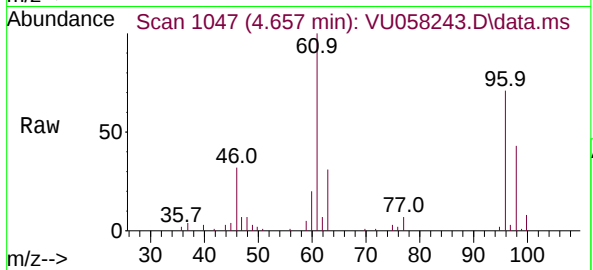
74 0.0 16.8 25.2#



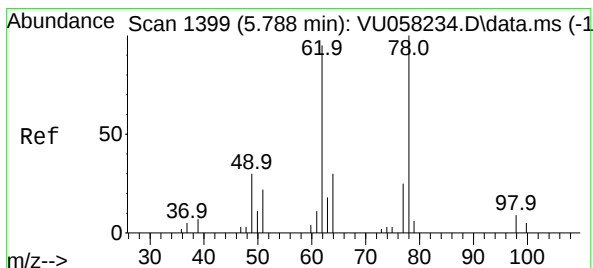
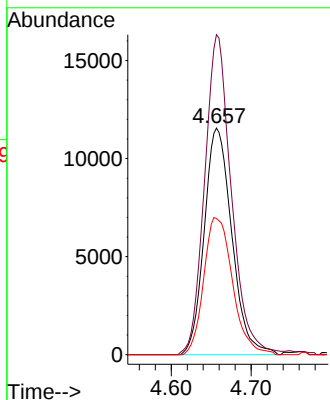
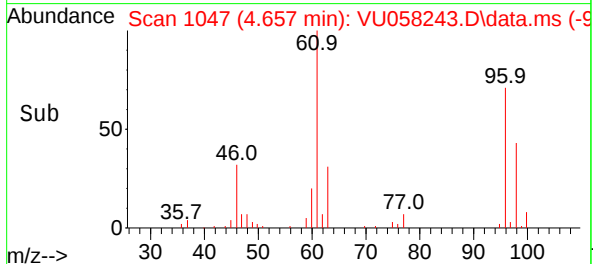


#22
 cis-1,2-Dichloroethene
 Concen: 5.971 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058243.D
 Acq: 28 Mar 2024 16:41

Instrument :
 MSVOA_U
 ClientSampleId :

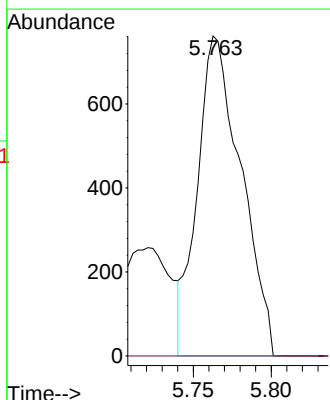
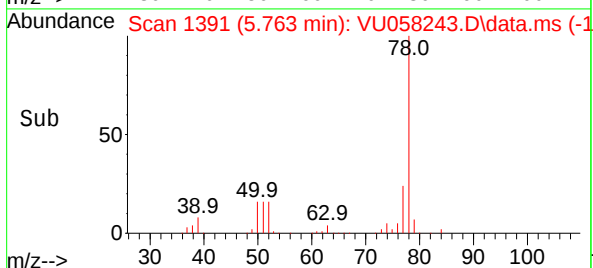
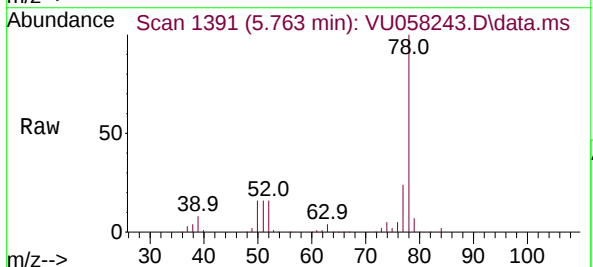


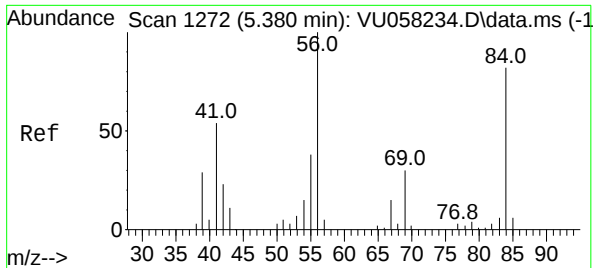
Tgt Ion:	96	Resp:	27759
Ion	Ratio	Lower	Upper
96	100		
61	141.2	92.8	172.4
98	60.1	43.2	80.2



#27
 1,2-Dichloroethane
 Concen: 0.294 ug/L
 RT: 5.763 min Scan# 1391
 Delta R.T. -0.026 min
 Lab File: VU058243.D
 Acq: 28 Mar 2024 16:41

Tgt Ion:	62	Resp:	1481
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

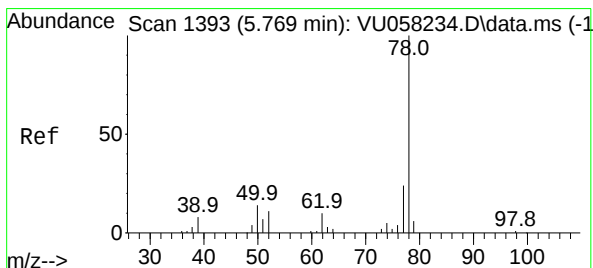
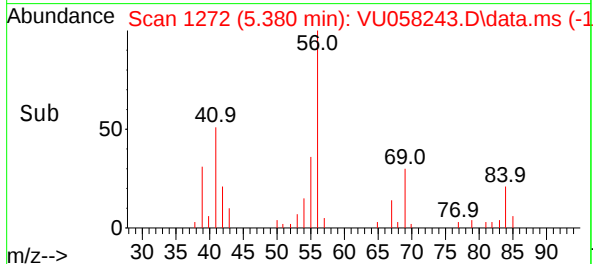
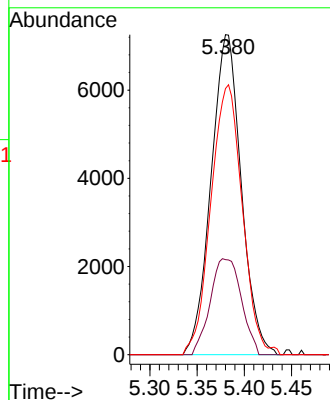
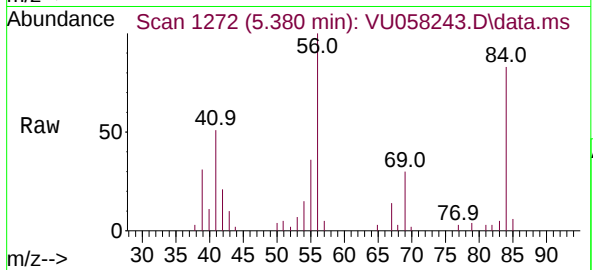




#30
Cyclohexane
Concen: 2.632 ug/L
RT: 5.380 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058243.D
Acq: 28 Mar 2024 16:41

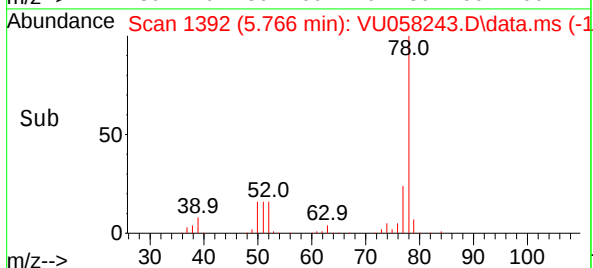
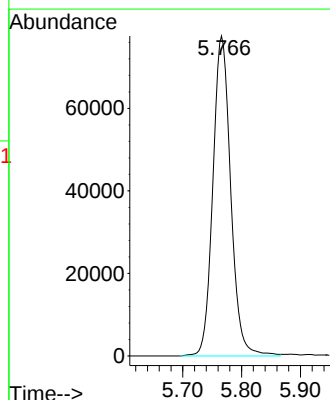
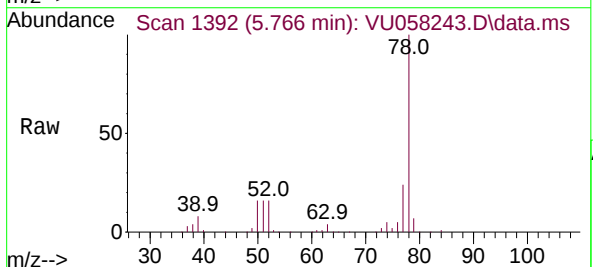
Instrument :
MSVOA_U
ClientSampleId :

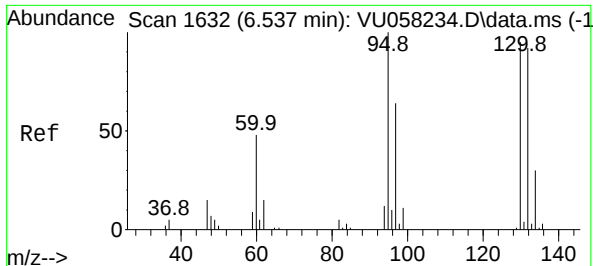
Tgt Ion: 56	Resp: 16108
Ion Ratio	Lower Upper
56	100
69	30.8 24.2 36.2
84	87.7 69.7 104.5



#33
Benzene
Concen: 9.203 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU058243.D
Acq: 28 Mar 2024 16:41

Tgt Ion: 78 Resp: 163797

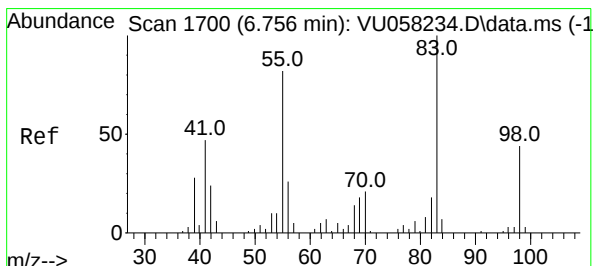
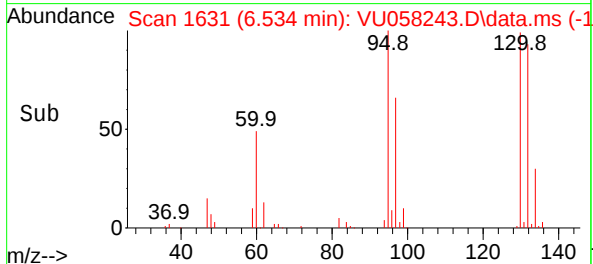
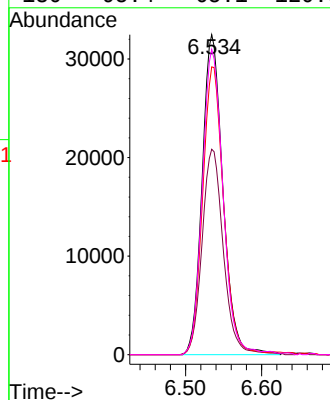
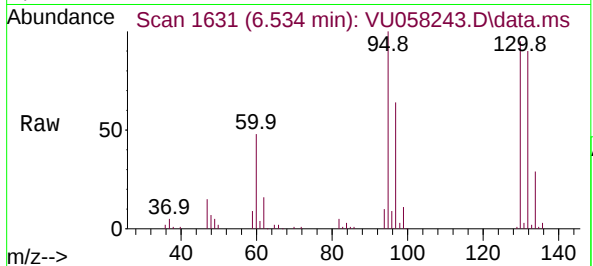




#34
Trichloroethene
Concen: 13.298 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU058243.D
Acq: 28 Mar 2024 16:41

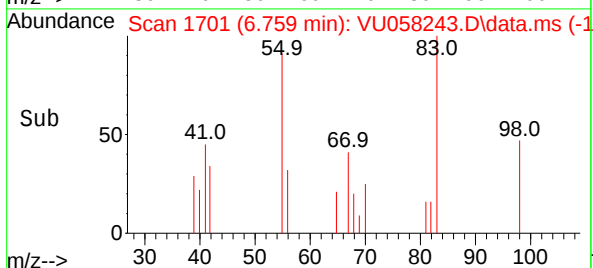
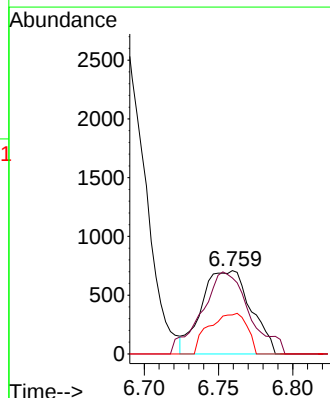
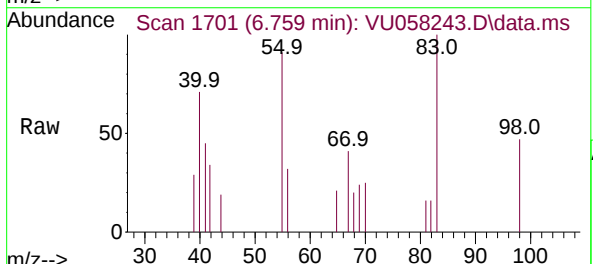
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MSVOA_U
ClientSampleId :

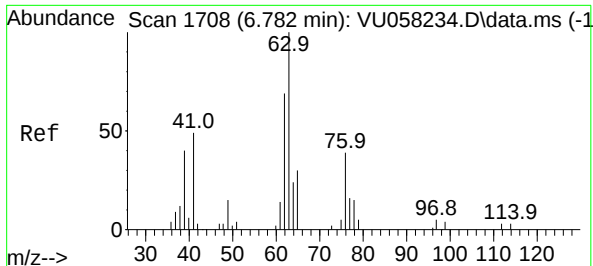
Tgt Ion: 95 Resp: 61656
Ion Ratio Lower Upper
95 100
97 64.2 47.7 88.7
132 90.0 63.6 118.2
130 95.4 65.1 120.9



#35
Methylcyclohexane
Concen: 0.252 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VU058243.D
Acq: 28 Mar 2024 16:41

Tgt Ion: 83 Resp: 1627
Ion Ratio Lower Upper
83 100
55 95.4 62.7 94.1#
98 37.7 37.3 55.9

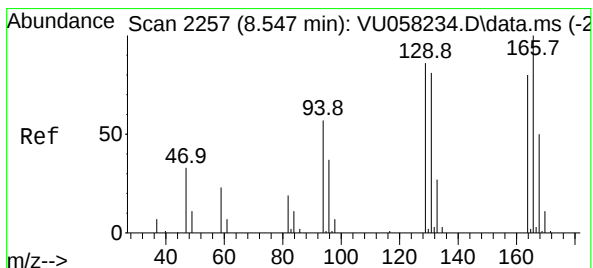
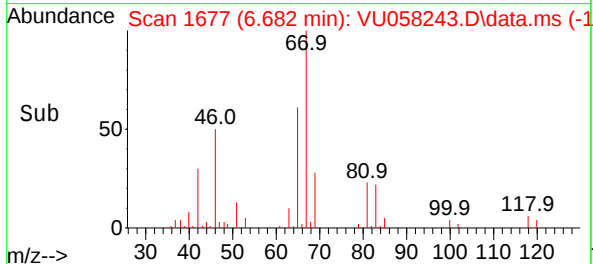
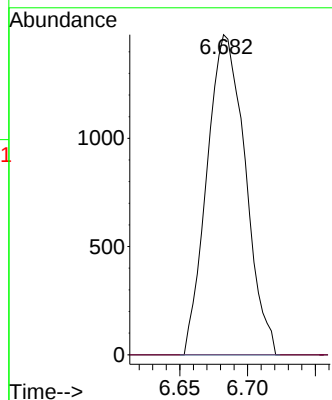
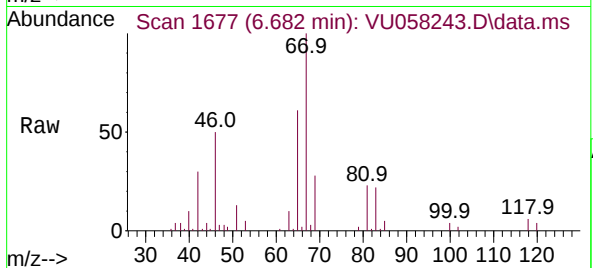




#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058243.D
Acq: 28 Mar 2024 16:41

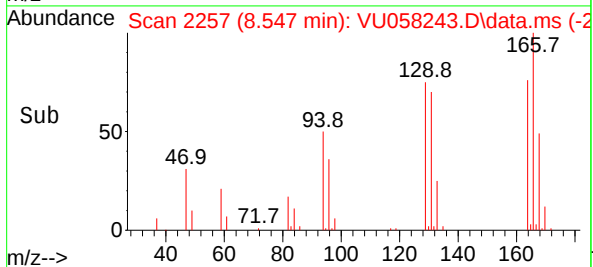
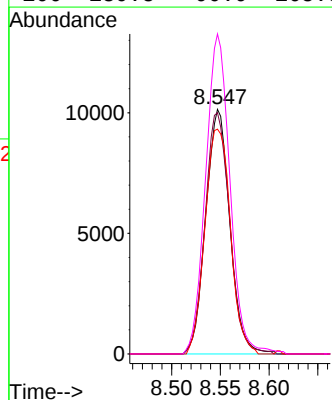
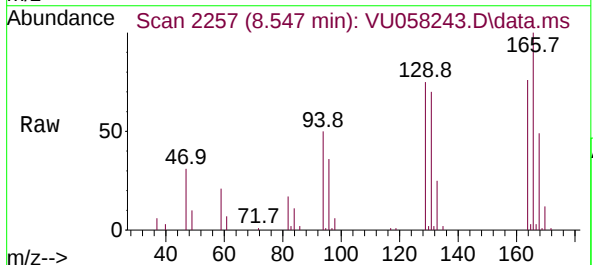
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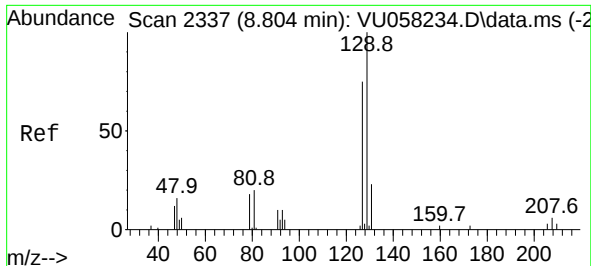
Tgt Ion: 63 Resp: 2905
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#47
Tetrachloroethene
Concen: 5.638 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058243.D
Acq: 28 Mar 2024 16:41

Tgt Ion:164 Resp: 17510
Ion Ratio Lower Upper
164 100
129 98.6 71.3 132.3
131 91.9 70.8 131.4
166 130.8 90.9 168.9





#49

Dibromochloromethane

Concen: 5.141 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058243.D

Acq: 28 Mar 2024 16:41

Instrument :

MSVOA_U

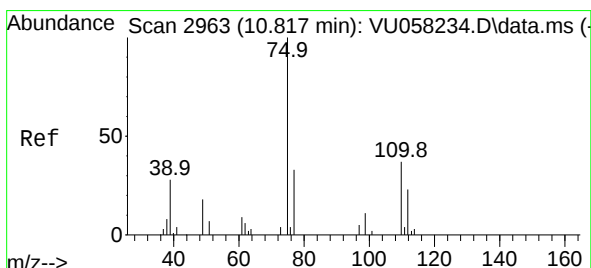
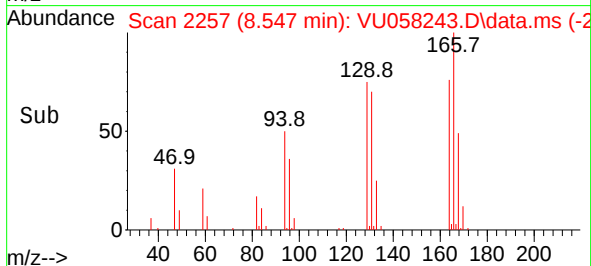
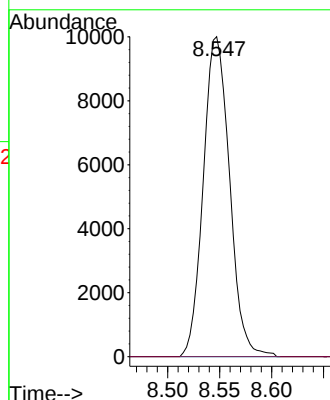
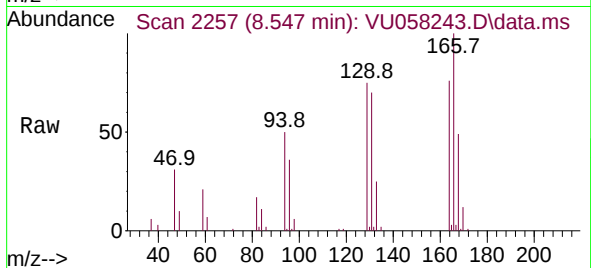
ClientSampleId :

Tgt Ion:129 Resp: 17616

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 1.644 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU058243.D

Acq: 28 Mar 2024 16:41

Tgt Ion: 75 Resp: 4073

Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

77 32.0 25.1 37.7

