

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059765.D
 Acq On : 03 Jul 2024 02:20
 Operator : MD/SY
 Sample : P3121-19DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BM6DL

Quant Time: Jul 03 04:11:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

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

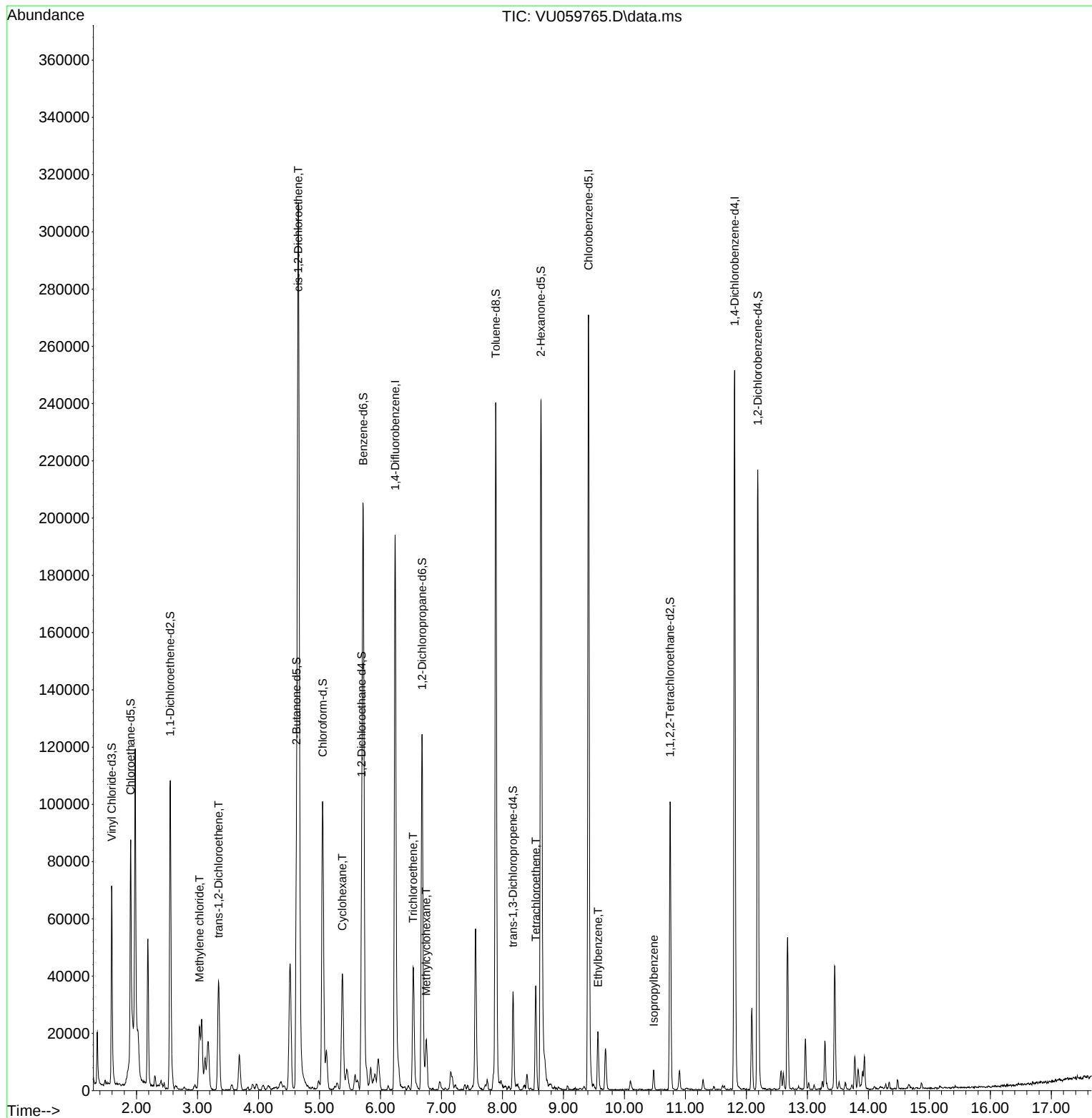
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	169161	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	53049	4.510	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.904	69	60683	5.362	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.554	65	20583	4.218	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.624	46	117526	48.506	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.020%
24) Chloroform-d	5.052	84	99275	4.112	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.692	65	49844	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.718	84	201805	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.682	67	62828	4.553	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.891	98	169835	4.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.174	79	20184	4.671	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.631	63	96787	53.904	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.800%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53447	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	61671	4.818	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
16) Methylene chloride	3.033	84	7409	0.521	ug/L	91
18) trans-1,2-Dichloroethene	3.348	96	4209	0.337	ug/L	84
22) cis-1,2-Dichloroethene	4.653	96	163649	11.899	ug/L	93
30) Cyclohexane	5.374	56	20009	1.199	ug/L #	96
34) Trichloroethene	6.537	95	12322	0.916	ug/L	94
35) Methylcyclohexane	6.750	83	6635	0.346	ug/L	95
47) Tetrachloroethene	8.547	164	8618	0.825	ug/L	94
52) Ethylbenzene	9.566	91	15209	0.282	ug/L	95
60) Isopropylbenzene	10.483	105	4699	0.106	ug/L	97

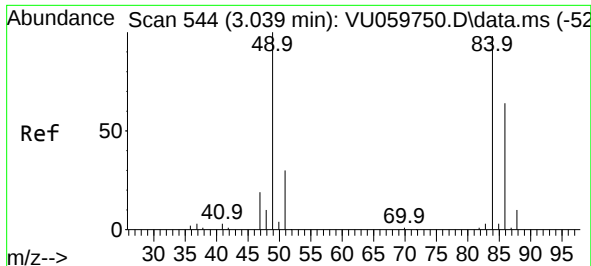
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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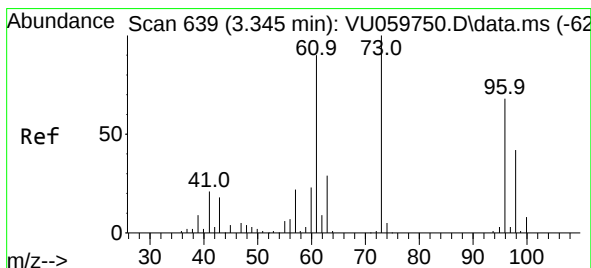
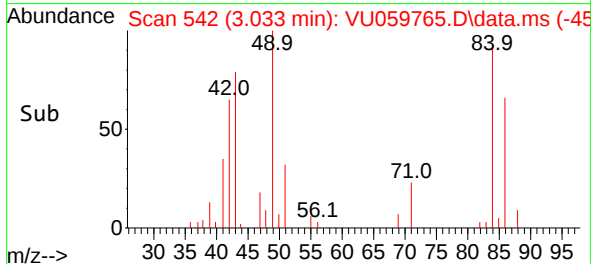
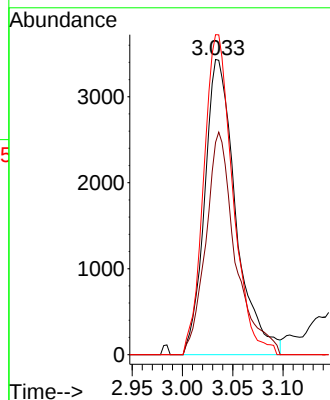
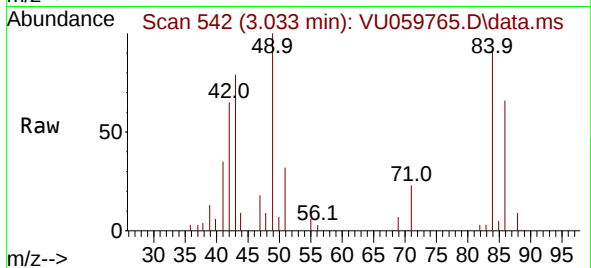




#16
Methylene chloride
Concen: 0.521 ug/L
RT: 3.033 min Scan# 54
Delta R.T. -0.006 min
Lab File: VU059765.D
Acq: 03 Jul 2024 02:20

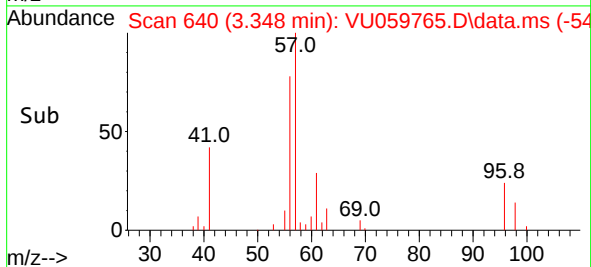
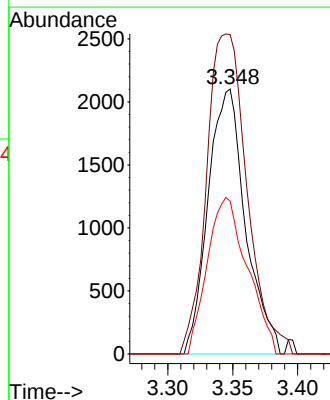
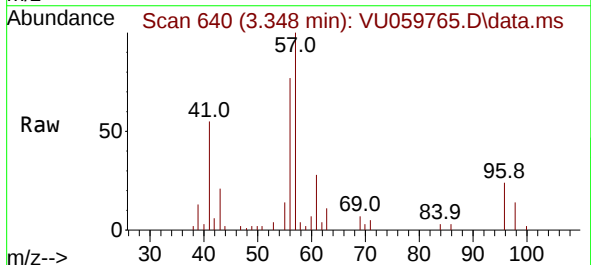
Instrument :
MSVOA_U
ClientSampleId :
C0BM6DL

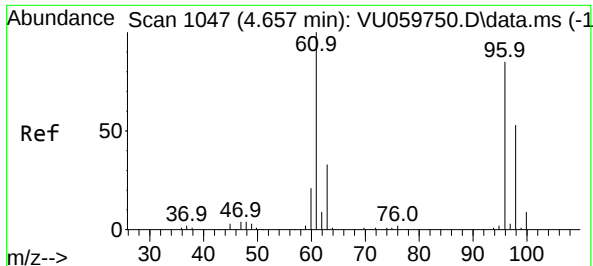
Tgt Ion: 84 Resp: 7409
Ion Ratio Lower Upper
84 100
86 71.9 42.1 78.1
49 108.4 80.6 149.8



#18
trans-1,2-Dichloroethene
Concen: 0.337 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU059765.D
Acq: 03 Jul 2024 02:20

Tgt Ion: 96 Resp: 4209
Ion Ratio Lower Upper
96 100
61 120.6 101.8 189.0
98 57.8 43.3 80.5

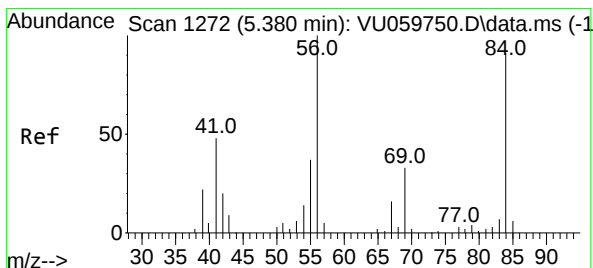
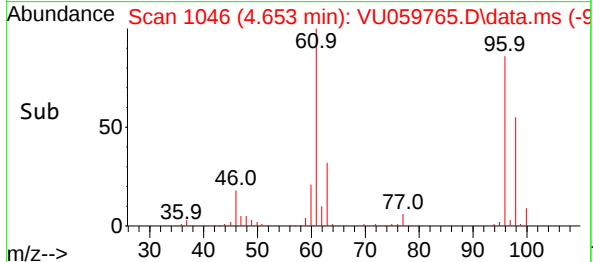
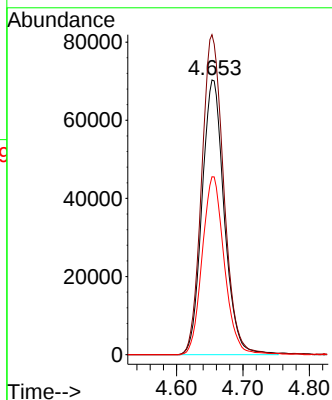
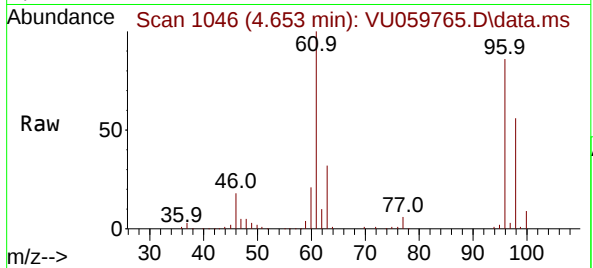




#22
 cis-1,2-Dichloroethene
 Concen: 11.899 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU059765.D
 Acq: 03 Jul 2024 02:20

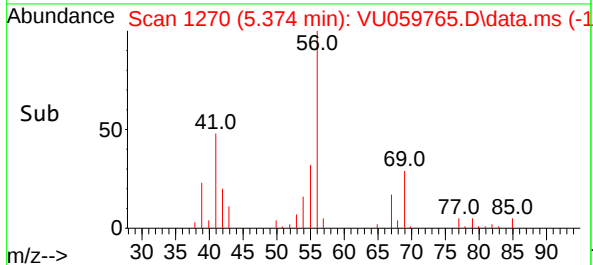
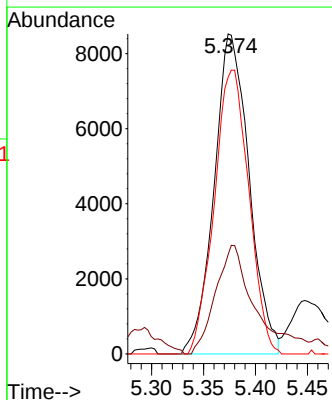
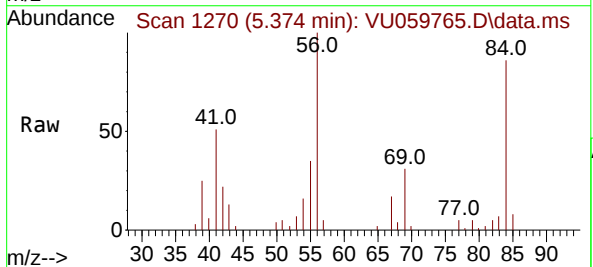
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BM6DL

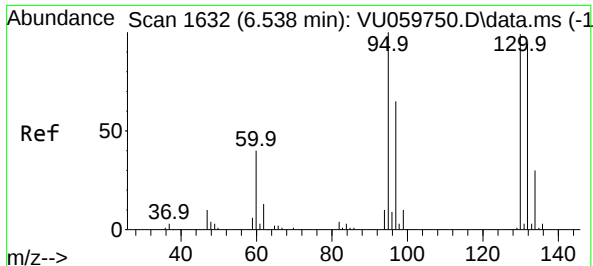
Tgt Ion: 96 Resp: 163649
 Ion Ratio Lower Upper
 96 100
 61 116.4 87.4 162.2
 98 64.7 42.3 78.5



#30
 Cyclohexane
 Concen: 1.199 ug/L
 RT: 5.374 min Scan# 1270
 Delta R.T. -0.006 min
 Lab File: VU059765.D
 Acq: 03 Jul 2024 02:20

Tgt Ion: 56 Resp: 20009
 Ion Ratio Lower Upper
 56 100
 69 38.7 24.8 37.2#
 84 87.4 69.8 104.8



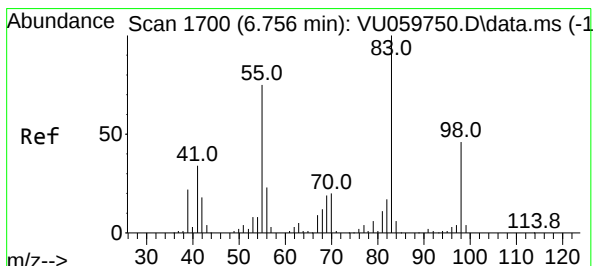
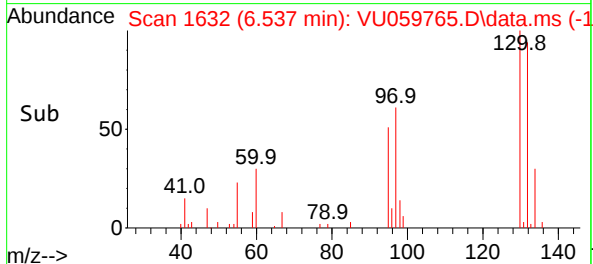
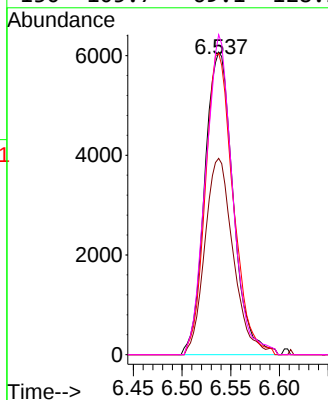
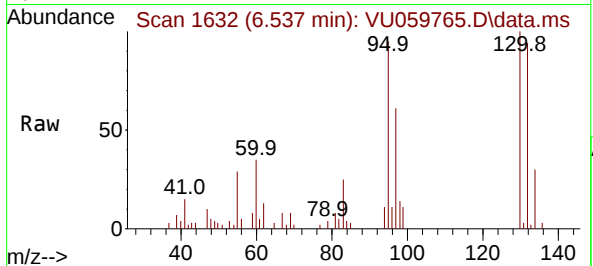


#34
Trichloroethene
Concen: 0.916 ug/L
RT: 6.537 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU059765.D
Acq: 03 Jul 2024 02:20

Instrument :
MSVOA_U
ClientSampleId :
C0BM6DL

Tgt Ion: 95 Resp: 12322

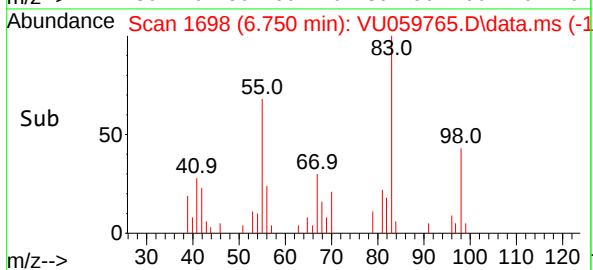
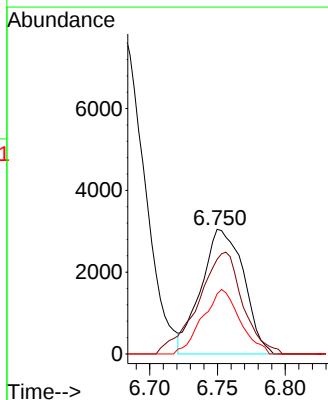
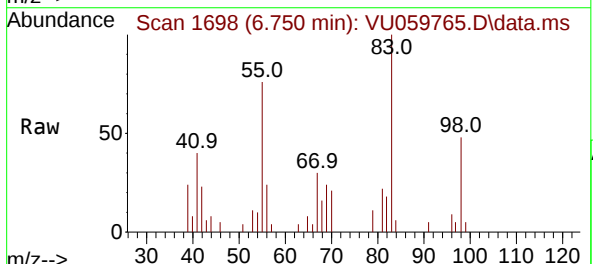
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.3	84.1
132	99.6	64.0	119.0
130	105.7	69.1	128.3

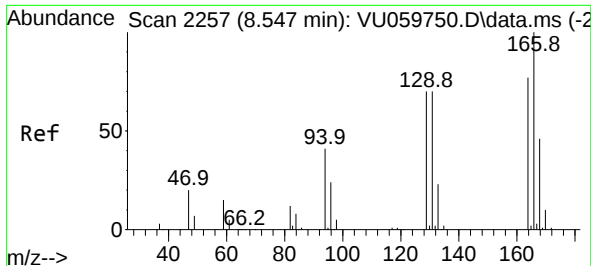


#35
Methylcyclohexane
Concen: 0.346 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VU059765.D
Acq: 03 Jul 2024 02:20

Tgt Ion: 83 Resp: 6635

Ion	Ratio	Lower	Upper
83	100		
55	85.0	62.7	94.1
98	45.2	35.4	53.0

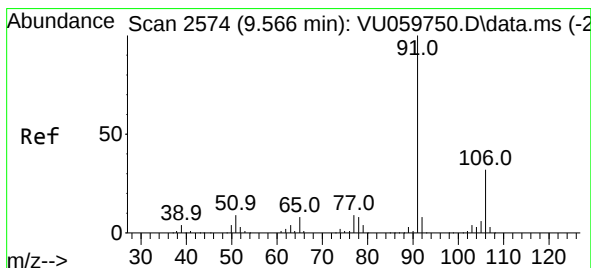
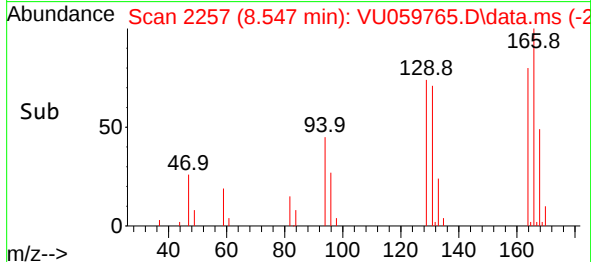
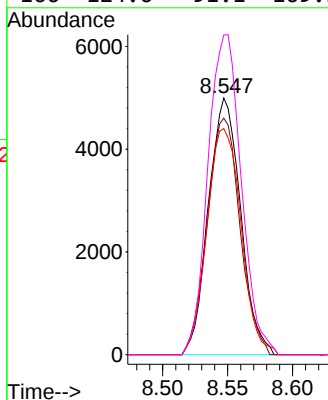
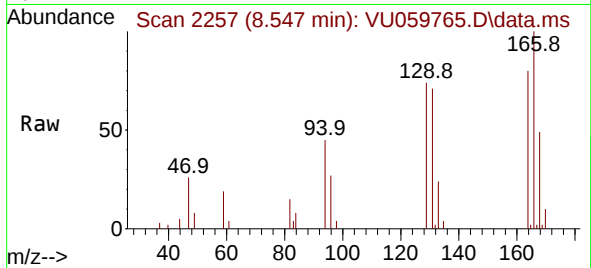




#47
Tetrachloroethene
Concen: 0.825 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059765.D
Acq: 03 Jul 2024 02:20

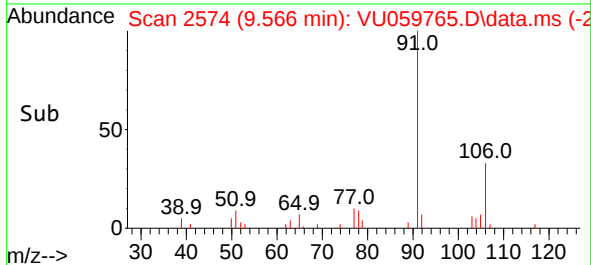
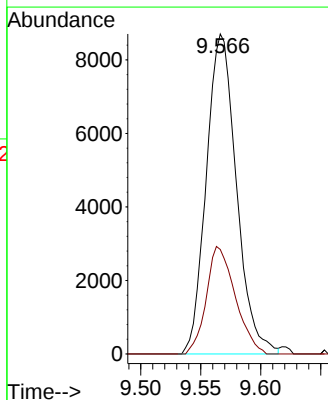
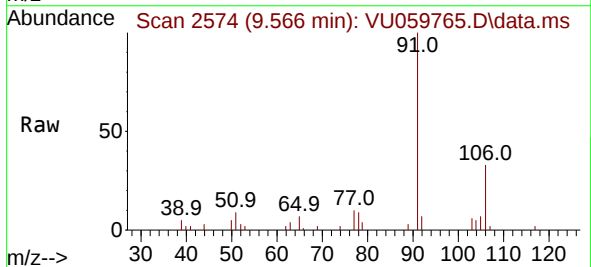
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ClientSampleId :
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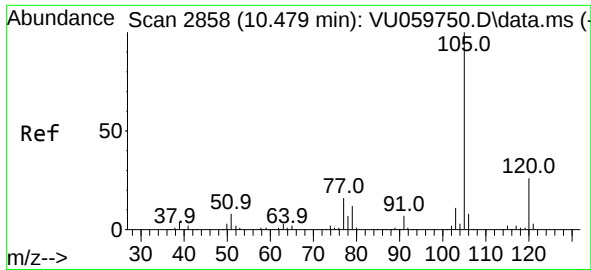
Tgt Ion:164	Resp:	8618
Ion	Ratio	Lower Upper
164	100	
129	92.2	70.8 131.4
131	88.1	64.8 120.3
166	124.6	91.1 169.1



#52
Ethylbenzene
Concen: 0.282 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. -0.000 min
Lab File: VU059765.D
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Tgt Ion: 91	Resp:	15209
Ion	Ratio	Lower Upper
91	100	
106	32.7	20.9 38.7





#60
Isopropylbenzene
Concen: 0.106 ug/L
RT: 10.483 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU059765.D
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Tgt Ion:	105	Resp:	4699
Ion	Ratio	Lower	Upper
105	100		
120	27.9	20.6	31.0
77	15.3	12.8	19.2

