

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 :

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)

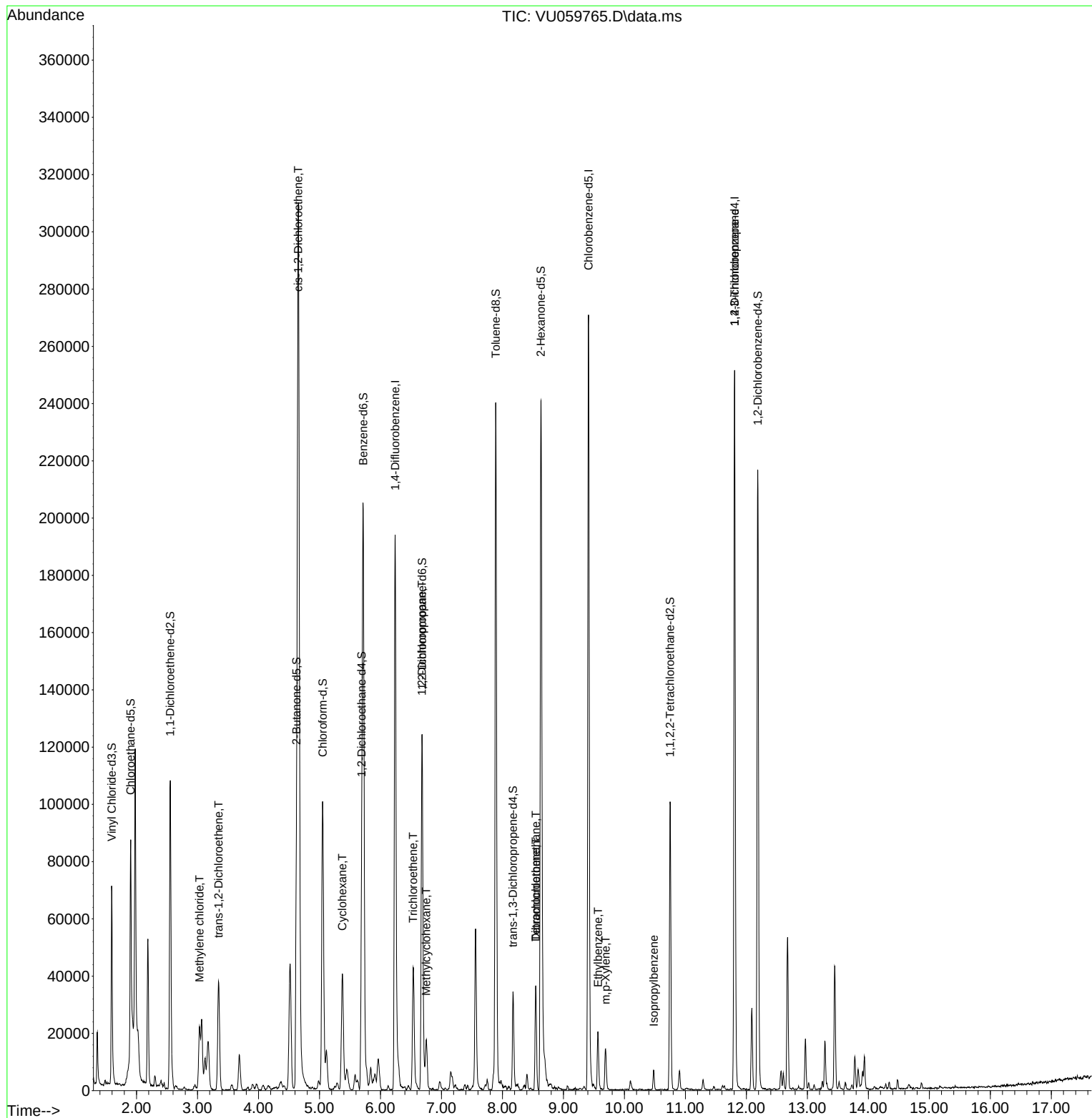
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	169161	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	53049	4.510	ug/L	0.00
Spiked Amount	5.000	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						Qvalue
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
37) 1,2-Dichloropropane	6.679	63	6360	0.495	ug/L #	90
47) Tetrachloroethene	8.547	164	8618	0.825	ug/L	94
49) Dibromochloromethane	8.547	129	8086	0.770	ug/L #	12
52) Ethylbenzene	9.566	91	15209	0.282	ug/L	95
53) m,p-Xylene	9.692	106	4900	0.236	ug/L	92
60) Isopropylbenzene	10.483	105	4699	0.106	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	8347	1.256	ug/L #	67

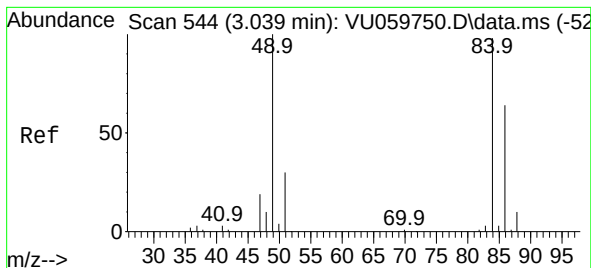
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.521 ug/L

RT: 3.033 min Scan# 544

Delta R.T. -0.006 min

Lab File: VU059765.D

Acq: 03 Jul 2024 02:20

Instrument :

MSVOA_U

ClientSampleId :

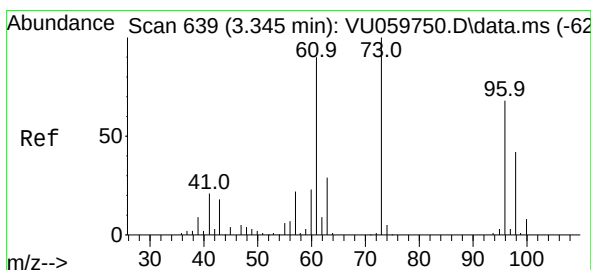
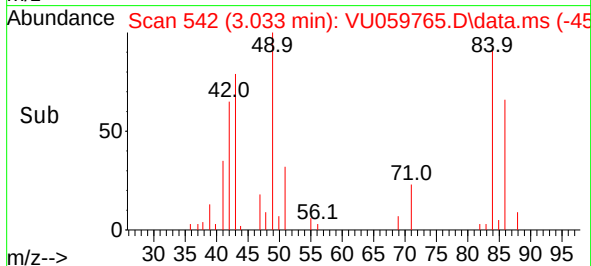
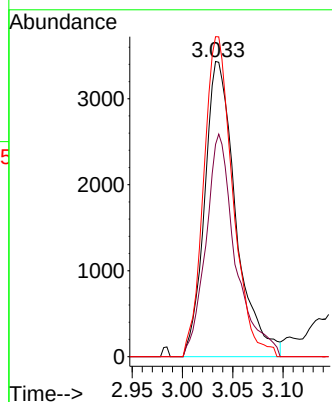
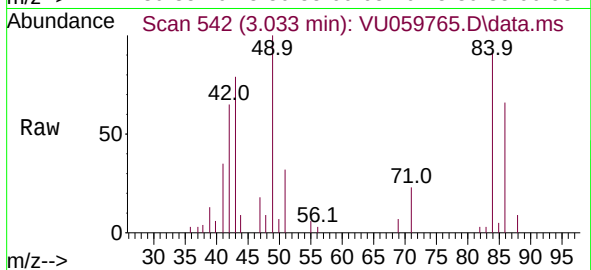
Tgt Ion: 84 Resp: 7409

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

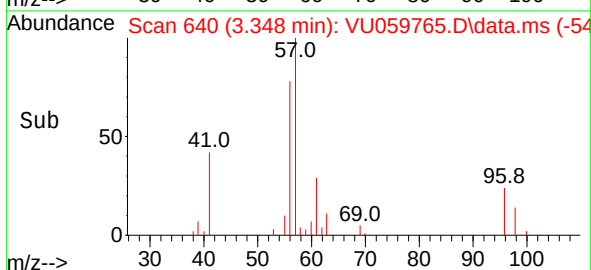
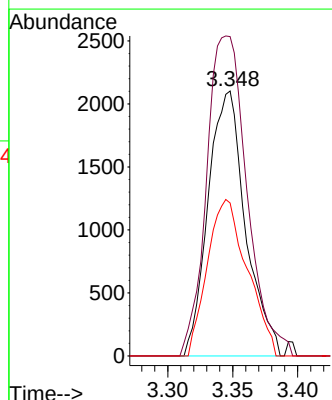
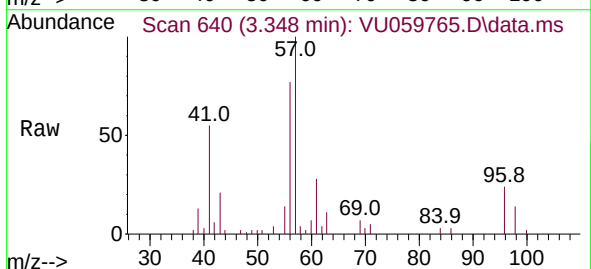
Tgt Ion: 96 Resp: 4209

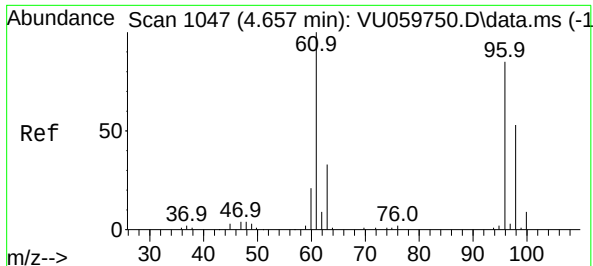
Ion Ratio Lower Upper

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# 1

Delta R.T. -0.003 min

Lab File: VU059765.D

Acq: 03 Jul 2024 02:20

Instrument :

MSVOA_U

ClientSampleId :

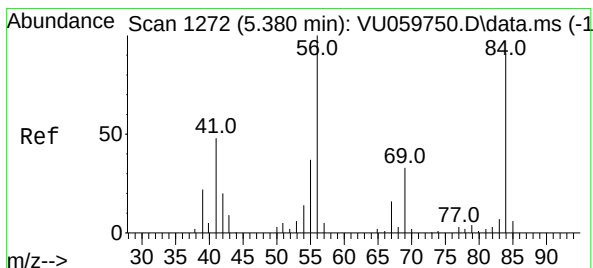
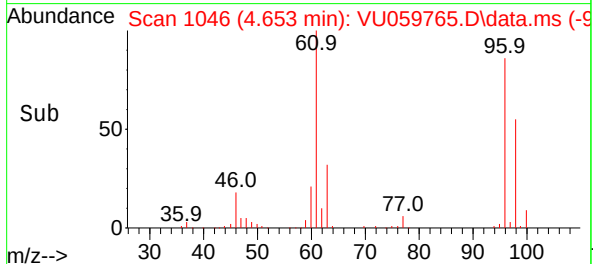
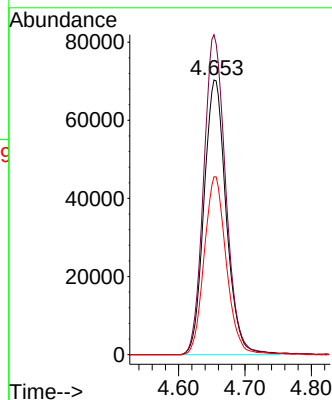
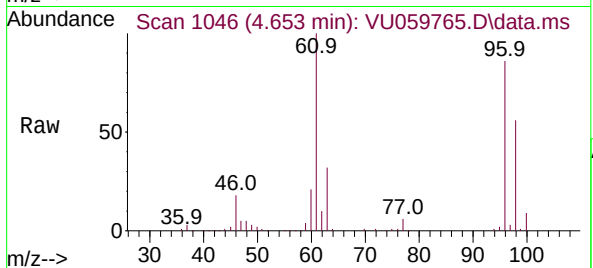
Tgt Ion: 96 Resp: 163649

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

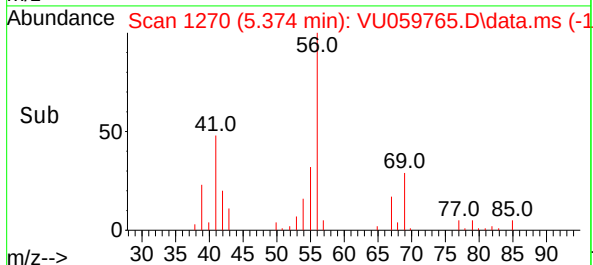
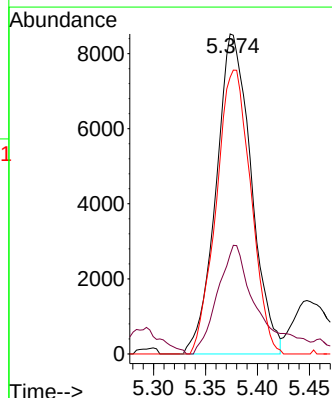
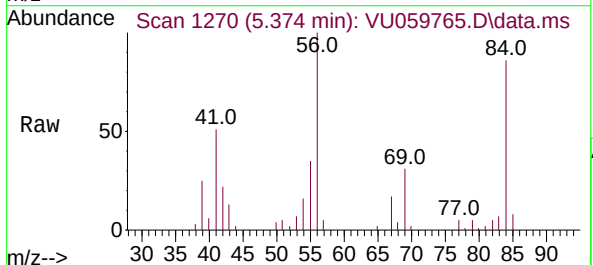
Tgt Ion: 56 Resp: 20009

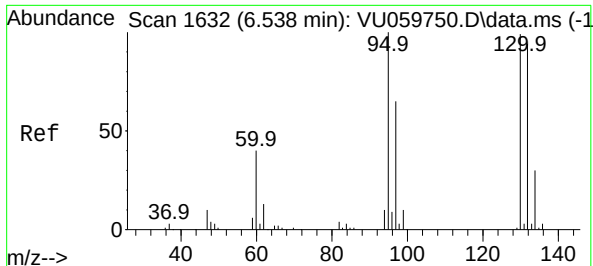
Ion Ratio Lower Upper

56 100

69 38.7 24.8 37.2#

84 87.4 69.8 104.8



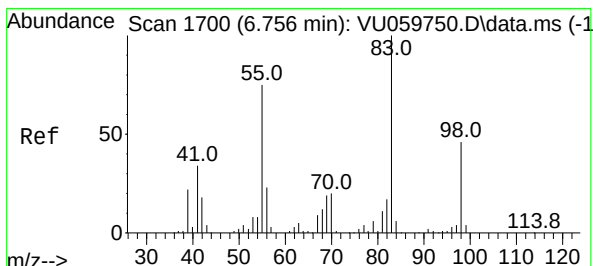
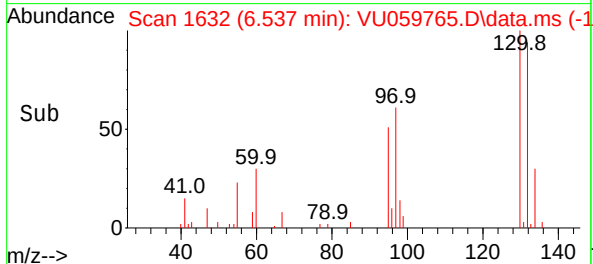
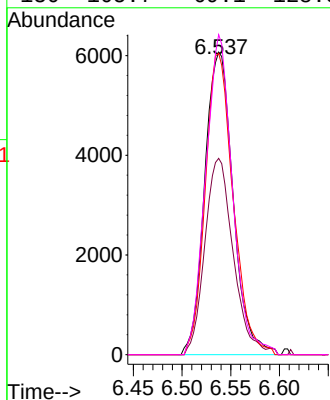
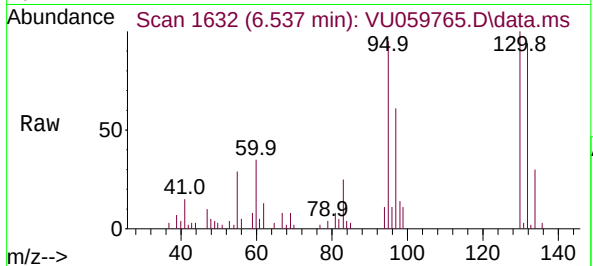


#34
Trichloroethene
Concen: 0.916 ug/L
RT: 6.537 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU059765.D
Acq: 03 Jul 2024 02:20

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 12322

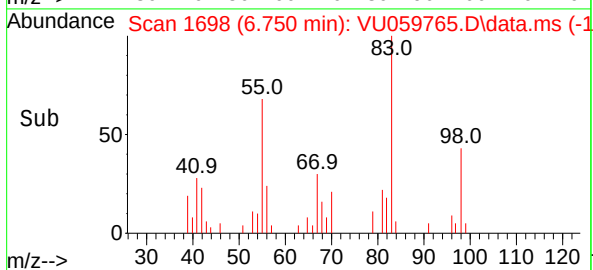
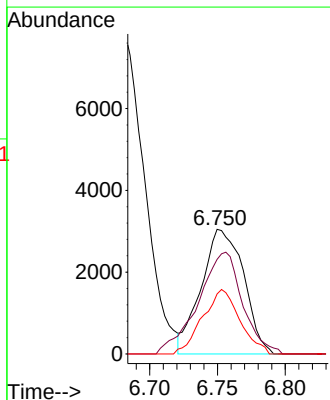
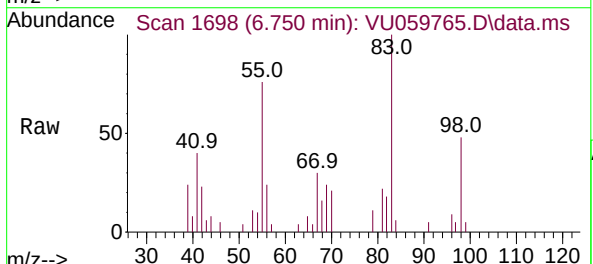
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.3	84.1
132	99.6	64.0	119.0
130	105.7	69.1	128.3

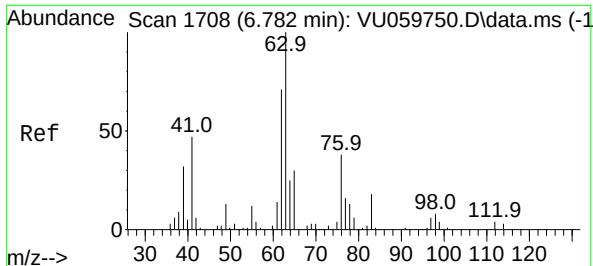


#35
Methylcyclohexane
Concen: 0.346 ug/L
RT: 6.750 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VU059765.D
Acq: 03 Jul 2024 02:20

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

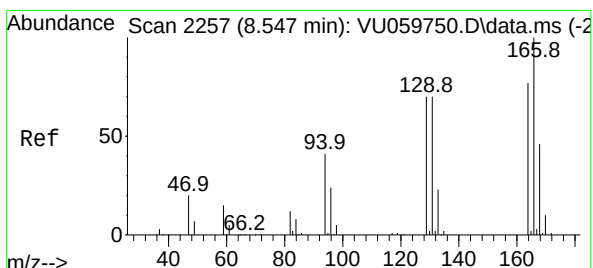
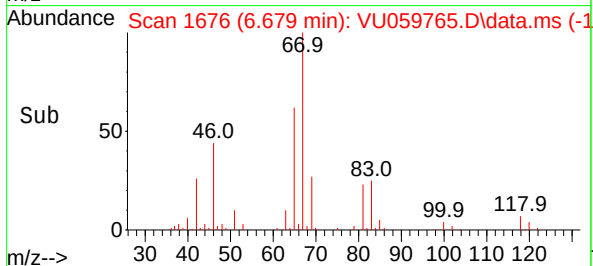
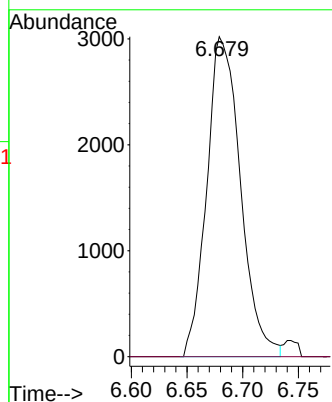
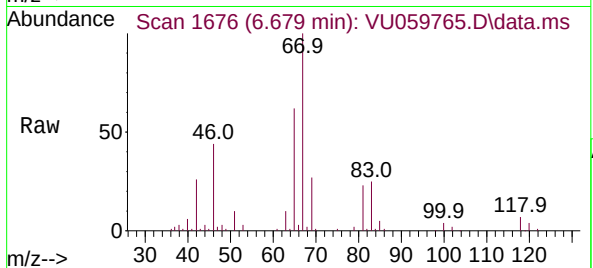




#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059765.D
Acq: 03 Jul 2024 02:20

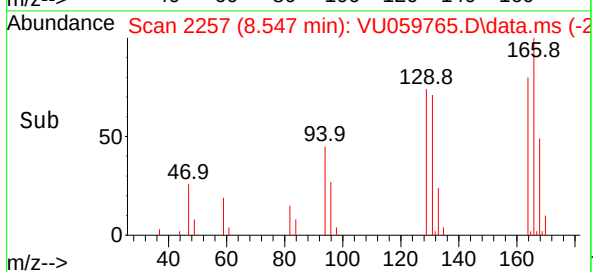
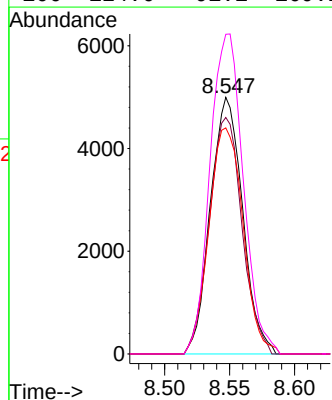
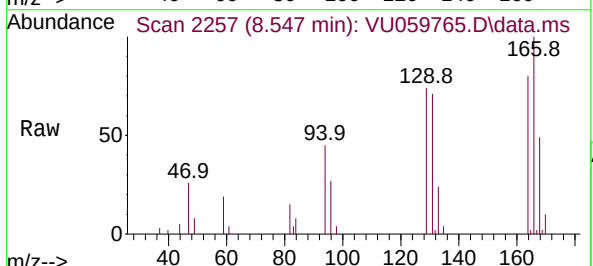
Instrument :
MSVOA_U
ClientSampleId :

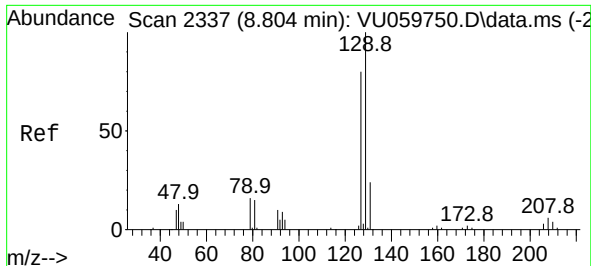
Tgt Ion: 63 Resp: 6360
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#47
Tetrachloroethene
Concen: 0.825 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059765.D
Acq: 03 Jul 2024 02:20

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





#49

Dibromochloromethane

Concen: 0.770 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU059765.D

Acq: 03 Jul 2024 02:20

Instrument :

MSVOA_U

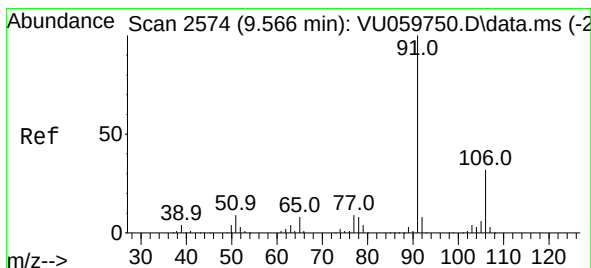
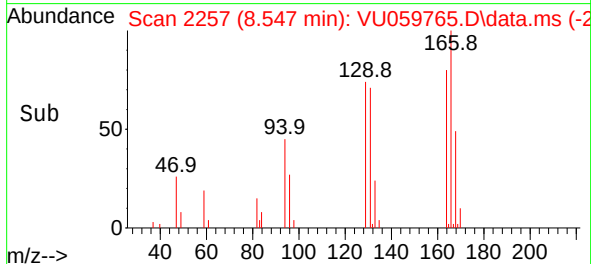
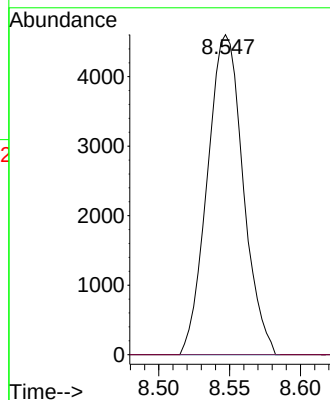
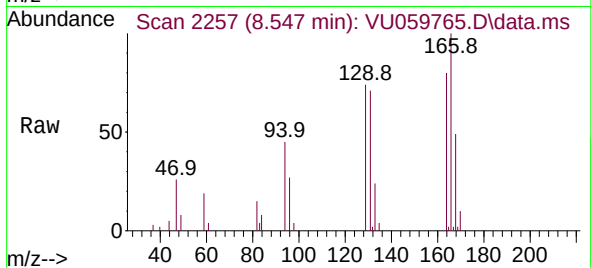
ClientSampleId :

Tgt Ion:129 Resp: 8086

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#52

Ethylbenzene

Concen: 0.282 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. -0.000 min

Lab File: VU059765.D

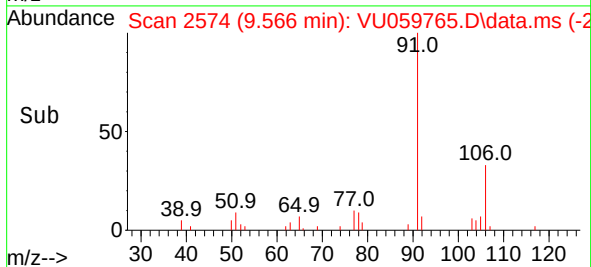
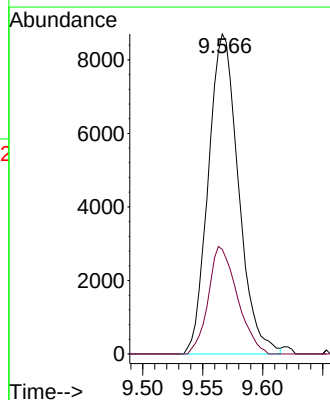
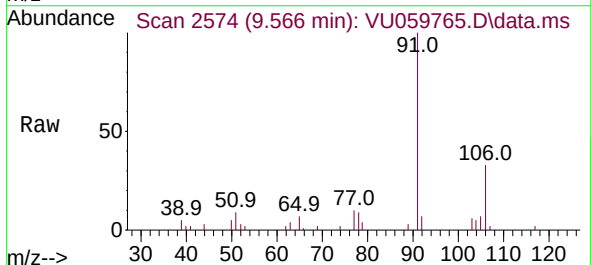
Acq: 03 Jul 2024 02:20

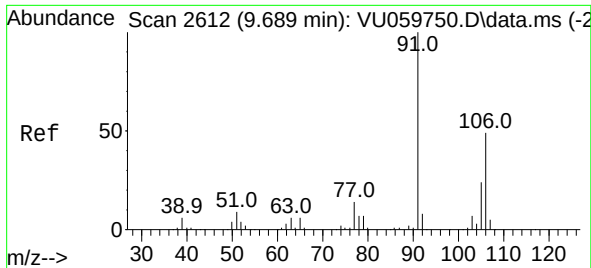
Tgt Ion: 91 Resp: 15209

Ion Ratio Lower Upper

91 100

106 32.7 20.9 38.7

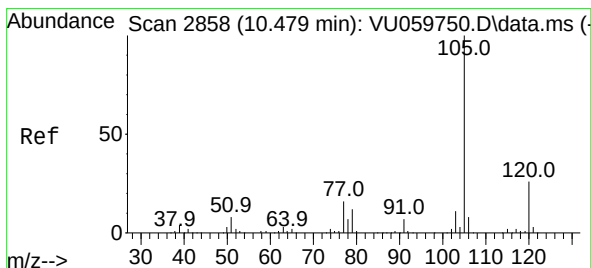
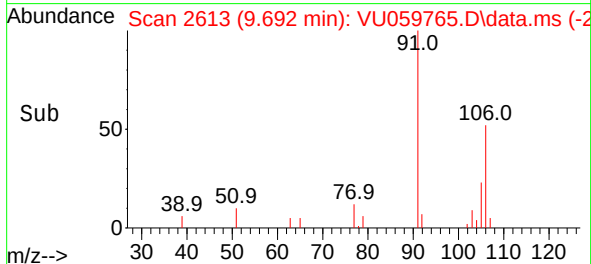
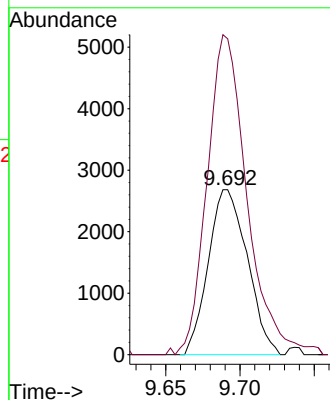
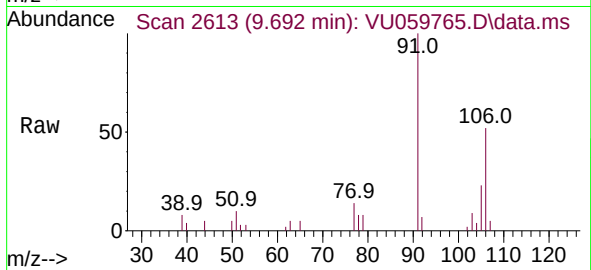




#53
m,p-Xylene
Concen: 0.236 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU059765.D
Acq: 03 Jul 2024 02:20

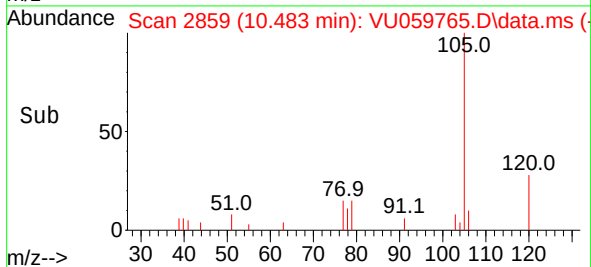
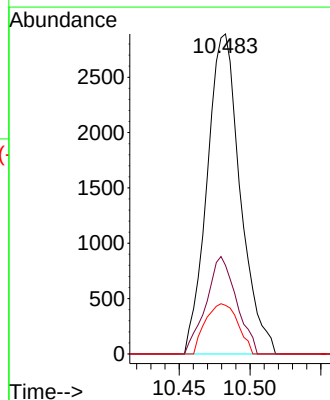
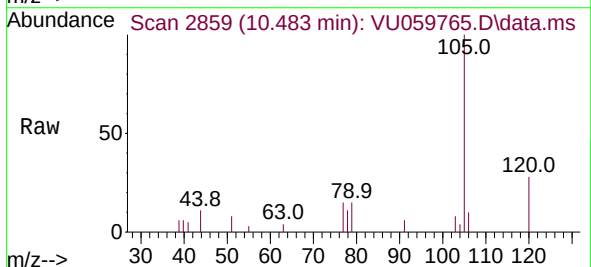
Instrument :
MSVOA_U
ClientSampleId :

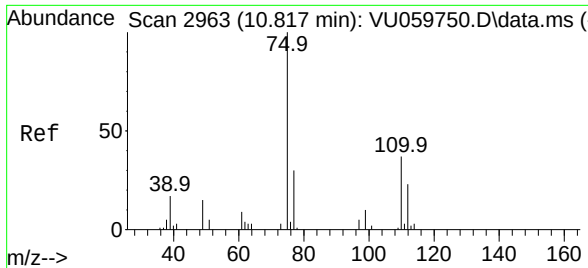
Tgt Ion:106 Resp: 4900
Ion Ratio Lower Upper
106 100
91 191.4 142.0 263.8



#60
Isopropylbenzene
Concen: 0.106 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU059765.D
Acq: 03 Jul 2024 02:20

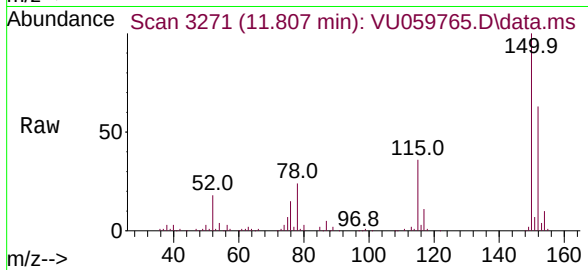
Tgt Ion:105 Resp: 4699
Ion Ratio Lower Upper
105 100
120 27.9 20.6 31.0
77 15.3 12.8 19.2





#61
1,2,3-Trichloropropane
Concen: 1.256 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU059765.D
Acq: 03 Jul 2024 02:20

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 8347
Ion Ratio Lower Upper
75 100
110 0.0 27.1 40.7#
77 29.2 25.4 38.2

