

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059496.D
 Acq On : 26 Jun 2024 01:43
 Operator : MD/SY
 Sample : P3006-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 06:19:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 05:55:36 2024
 Response via : Initial Calibration

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

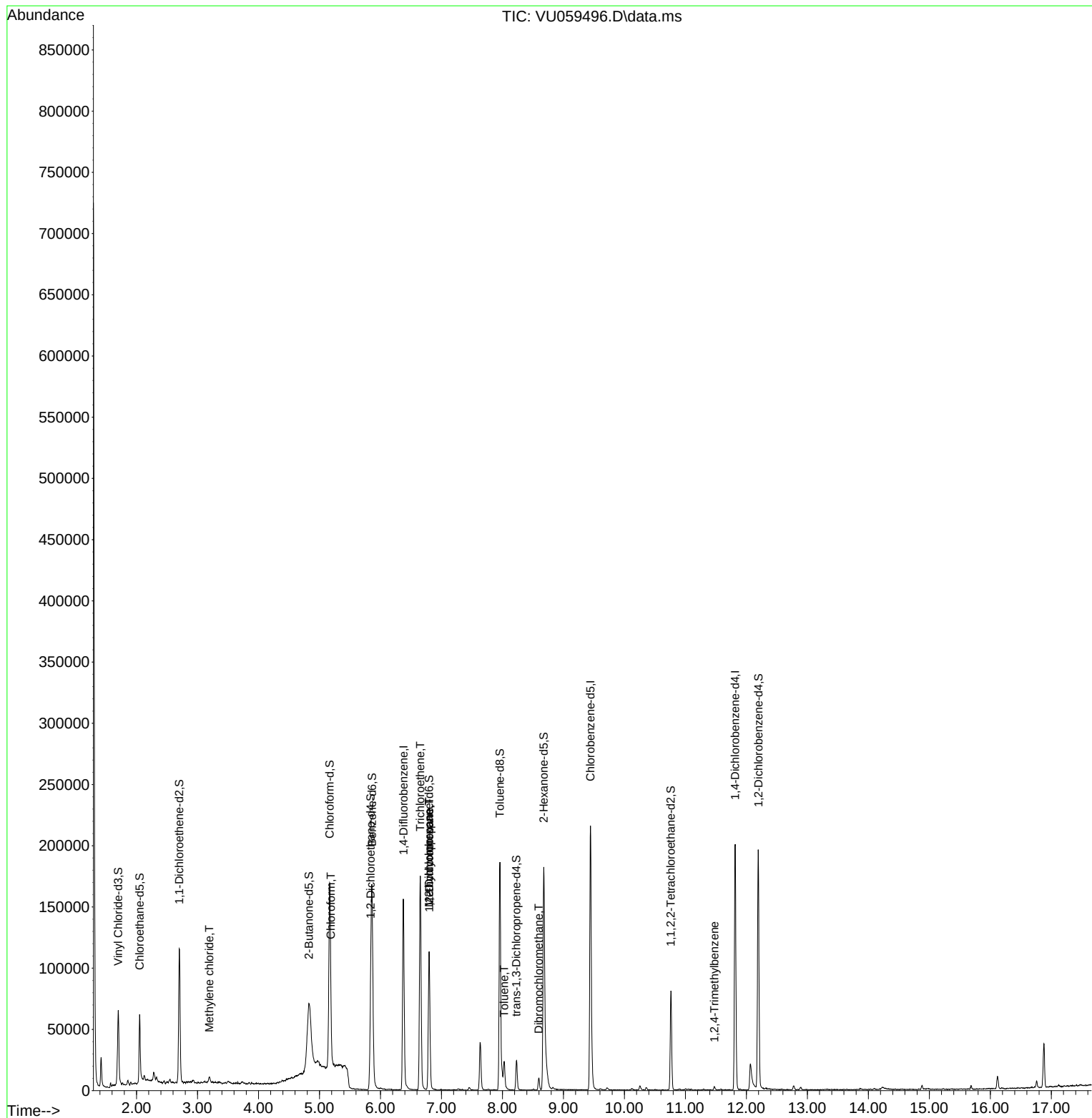
Internal Standards						
1) 1,4-Difluorobenzene	6.377	114	129230	5.000	ug/L	0.13
28) Chlorobenzene-d5	9.444	117	135335	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.817	152	58219	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.702	65	43717	4.865	ug/L	0.11
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.400%
7) Chloroethane-d5	2.052	69	43439	5.024	ug/L	0.15
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.702	65	22624	6.069	ug/L	0.14
Spiked Amount	5.000	Range	60 - 125	Recovery	=	121.400%
20) 2-Butanone-d5	4.827	46	153339	82.841	ug/L	0.21
Spiked Amount	50.000	Range	40 - 130	Recovery	=	165.680%#
24) Chloroform-d	5.168	84	140140	7.598	ug/L	0.12
Spiked Amount	5.000	Range	70 - 125	Recovery	=	152.000%#
26) 1,2-Dichloroethane-d4	5.840	65	41876	4.713	ug/L	0.15
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.862	84	169463	4.550	ug/L	0.14
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.798	67	54605	4.784	ug/L	0.12
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.959	98	140829	4.067	ug/L	0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.229	79	14370	4.021	ug/L	0.05
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.679	63	68603	46.199	ug/L	0.05
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.400%
56) 1,1,2,2-Tetrachloroeth...	10.762	84	41871	4.440	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.196	152	54703	5.279	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						Qvalue
16) Methylene chloride	3.194	84	1861	0.171	ug/L	88
25) Chloroform	5.187	83	4160	0.225	ug/L	76
34) Trichloroethene	6.653	95	59261	5.324	ug/L	98
35) Methylcyclohexane	6.798	83	12297	0.776	ug/L #	18
37) 1,2-Dichloropropane	6.801	63	5424	0.510	ug/L #	90
42) Toluene	8.029	91	17460	0.401	ug/L	95
49) Dibromochloromethane	8.595	129	2127	0.245	ug/L #	12
63) 1,2,4-Trimethylbenzene	11.476	105	1554	0.057	ug/L	93

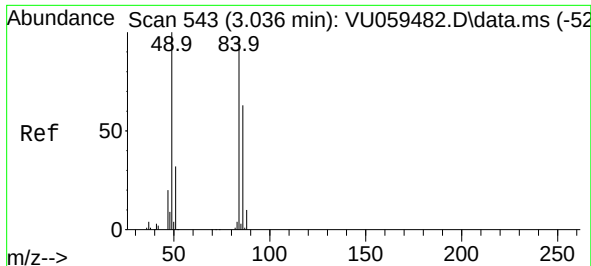
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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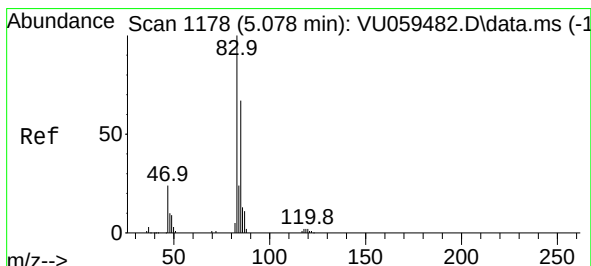
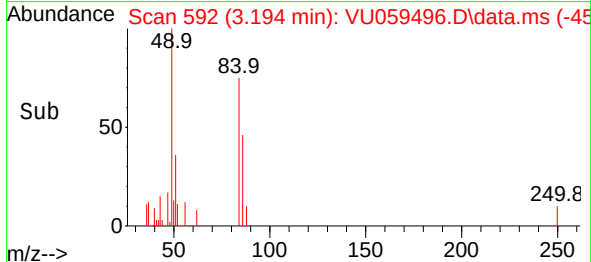
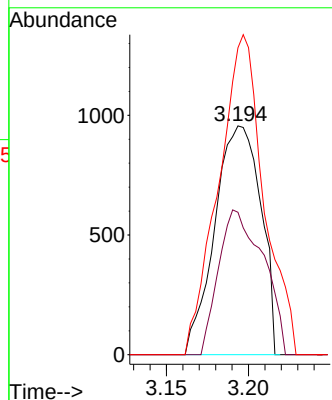
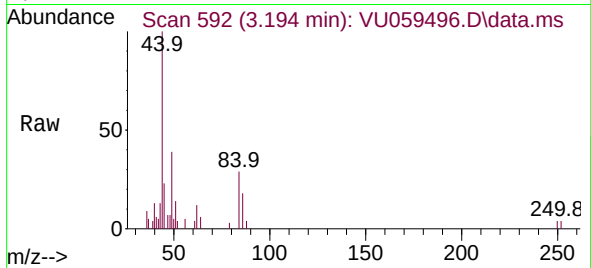




#16
Methylene chloride
Concen: 0.171 ug/L
RT: 3.194 min Scan# 543
Delta R.T. 0.158 min
Lab File: VU059496.D
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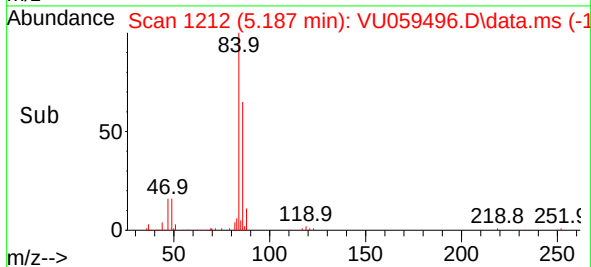
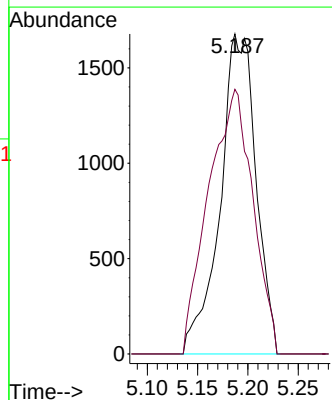
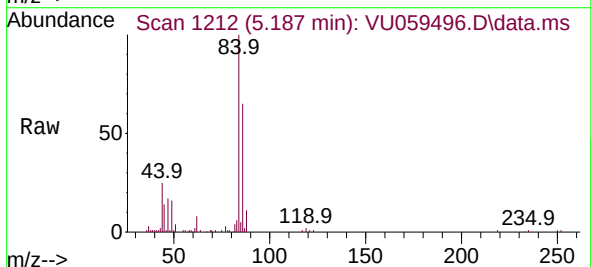
Instrument :
MSVOA_U
ClientSampleId :

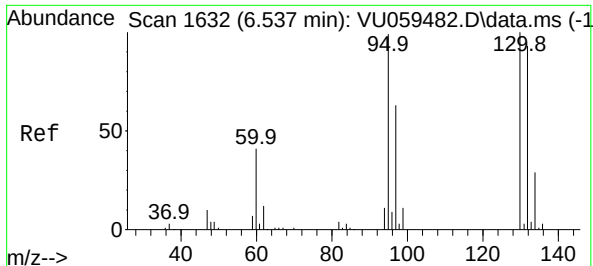
Tgt Ion: 84 Resp: 1861
Ion Ratio Lower Upper
84 100
86 62.2 42.1 78.1
49 134.1 80.6 149.8



#25
Chloroform
Concen: 0.225 ug/L
RT: 5.187 min Scan# 1212
Delta R.T. 0.109 min
Lab File: VU059496.D
Acq: 26 Jun 2024 01:43

Tgt Ion: 83 Resp: 4160
Ion Ratio Lower Upper
83 100
85 82.7 44.7 83.1

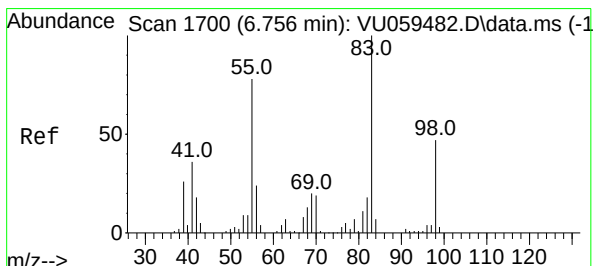
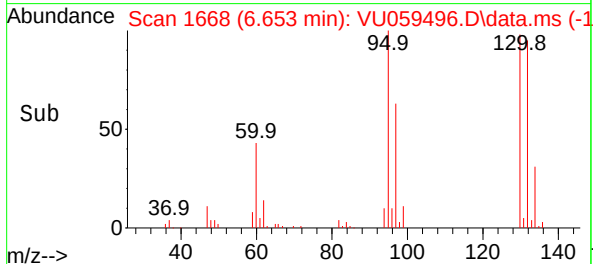
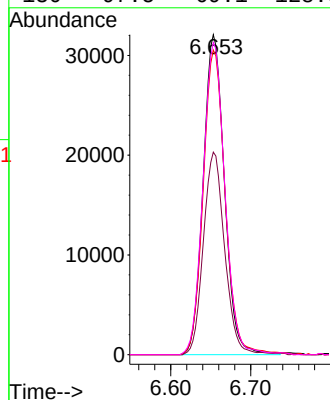
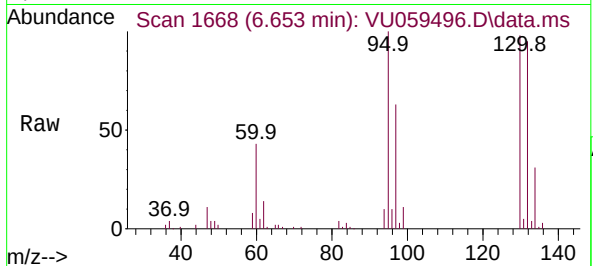




#34
Trichloroethene
Concen: 5.324 ug/L
RT: 6.653 min Scan# 1712
Delta R.T. 0.116 min
Lab File: VU059496.D
Acq: 26 Jun 2024 01:43

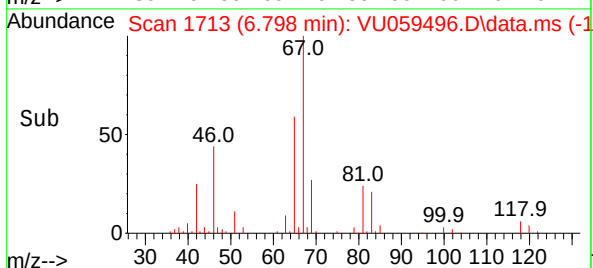
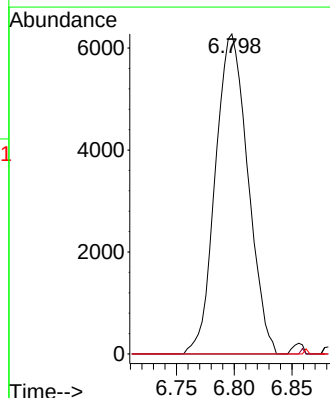
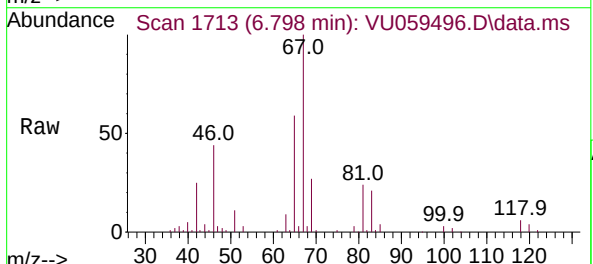
Instrument :
MSVOA_U
ClientSampleId :

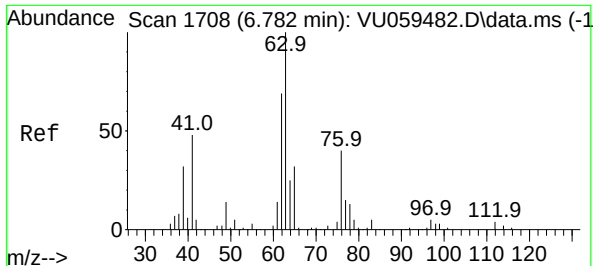
Tgt Ion: 95 Resp: 59261
Ion Ratio Lower Upper
95 100
97 63.3 45.3 84.1
132 95.2 64.0 119.0
130 97.5 69.1 128.3



#35
Methylcyclohexane
Concen: 0.776 ug/L
RT: 6.798 min Scan# 1713
Delta R.T. 0.042 min
Lab File: VU059496.D
Acq: 26 Jun 2024 01:43

Tgt Ion: 83 Resp: 12297
Ion Ratio Lower Upper
83 100
55 0.2 62.7 94.1#
98 0.0 35.4 53.0#

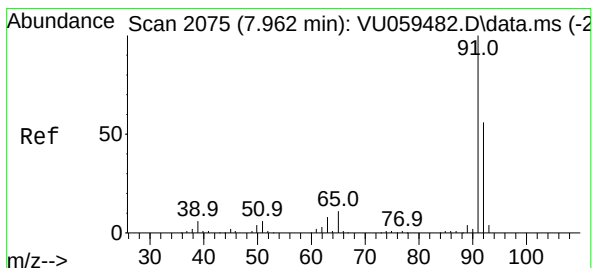
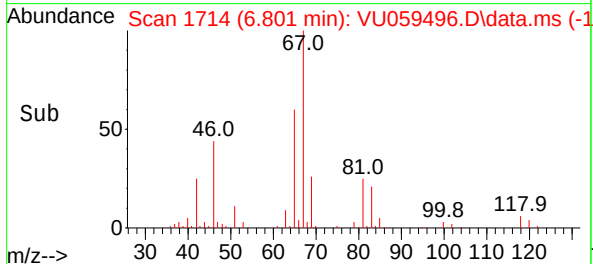
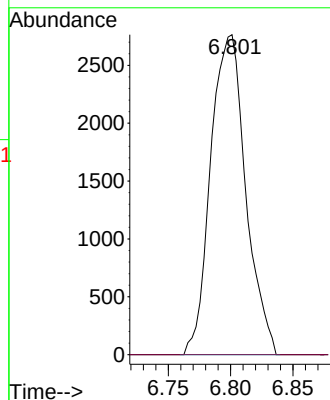
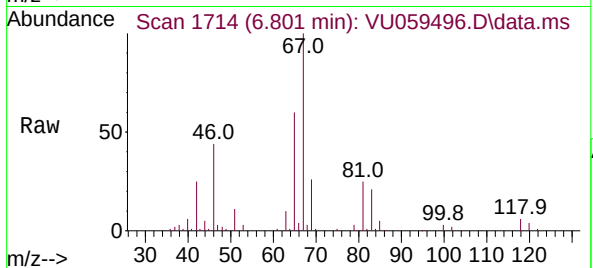




#37
1,2-Dichloropropane
Concen: 0.510 ug/L
RT: 6.801 min Scan# 11
Delta R.T. 0.019 min
Lab File: VU059496.D
Acq: 26 Jun 2024 01:43

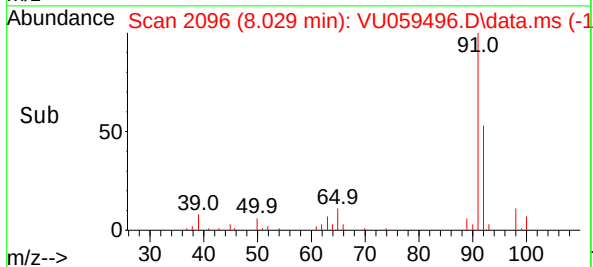
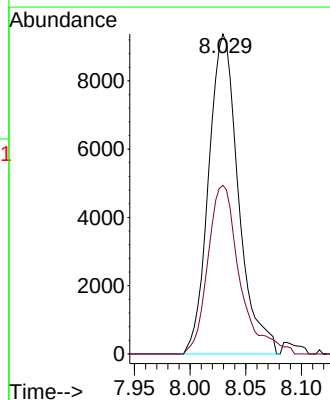
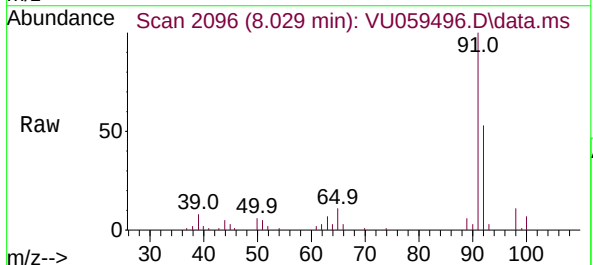
Instrument :
MSVOA_U
ClientSampleId :

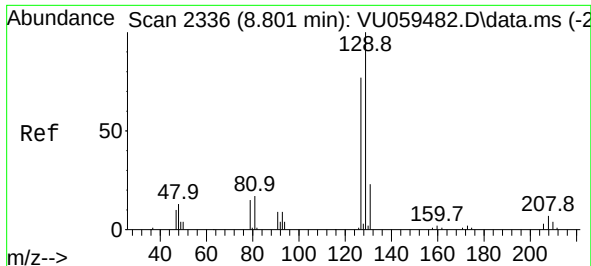
Tgt Ion: 63 Resp: 5424
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#42
Toluene
Concen: 0.401 ug/L
RT: 8.029 min Scan# 2096
Delta R.T. 0.068 min
Lab File: VU059496.D
Acq: 26 Jun 2024 01:43

Tgt Ion: 91 Resp: 17460
Ion Ratio Lower Upper
91 100
92 52.7 39.7 73.7





#49

Dibromochloromethane

Concen: 0.245 ug/L

RT: 8.595 min Scan# 21

Delta R.T. -0.206 min

Lab File: VU059496.D

Acq: 26 Jun 2024 01:43

Instrument :

MSVOA_U

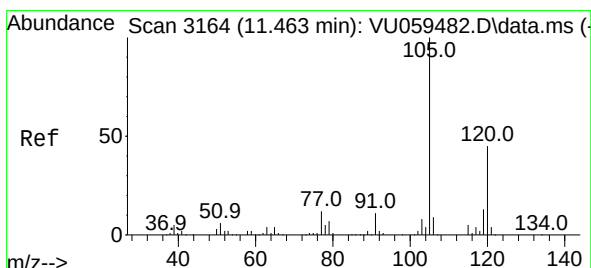
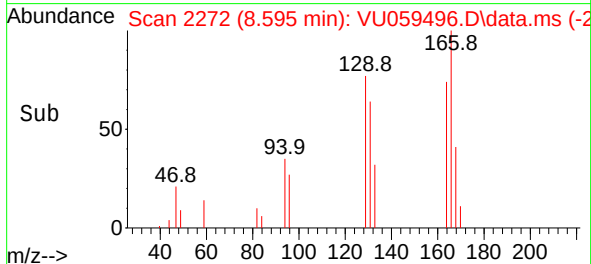
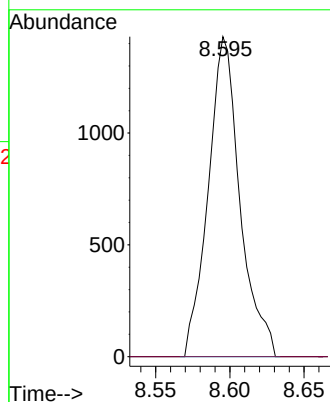
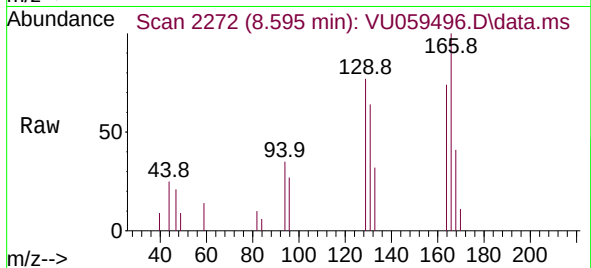
ClientSampleId :

Tgt Ion:129 Resp: 2127

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#63

1,2,4-Trimethylbenzene

Concen: 0.057 ug/L

RT: 11.476 min Scan# 3168

Delta R.T. 0.013 min

Lab File: VU059496.D

Acq: 26 Jun 2024 01:43

Tgt Ion:105 Resp: 1554

Ion Ratio Lower Upper

105 100

120 39.4 35.4 53.0

