

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059493.D
 Acq On : 26 Jun 2024 00:31
 Operator : MD/SY
 Sample : P3006-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 06:18:36 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)

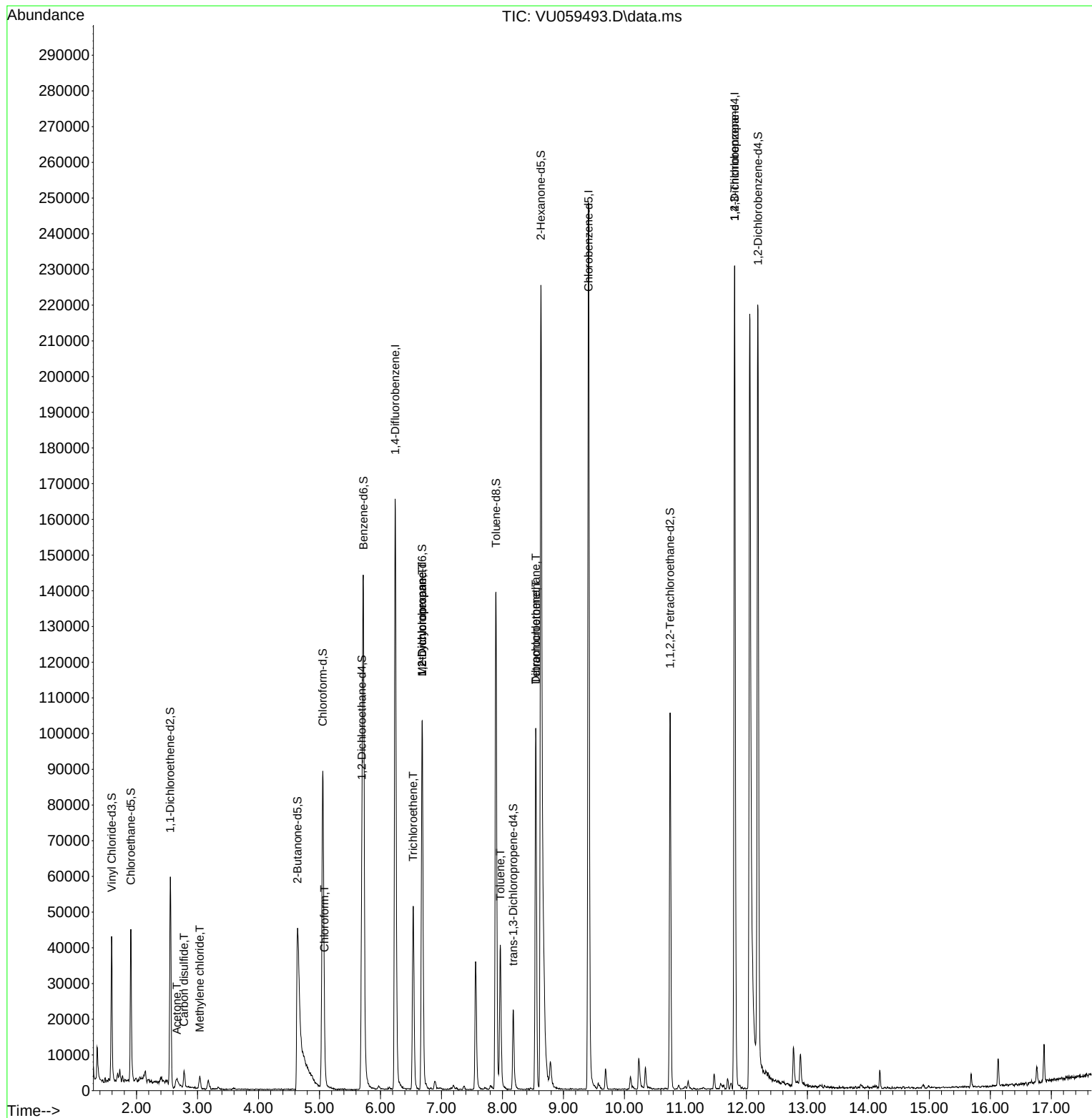
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	141171	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148640	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67321	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27332	2.784	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	55.600%		
7) Chloroethane-d5	1.907	69	33587	3.556	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	71.200%		
11) 1,1-Dichloroethene-d2	2.554	65	10667	2.619	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	52.400%#		
20) 2-Butanone-d5	4.640	46	88438	43.737	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery =	87.480%		
24) Chloroform-d	5.055	84	85488	4.243	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.800%		
26) 1,2-Dichloroethane-d4	5.695	65	43050	4.436	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.800%		
32) Benzene-d6	5.721	84	138113	3.376	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	67.600%#		
36) 1,2-Dichloropropane-d6	6.682	67	52984	4.227	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	84.600%		
41) Toluene-d8	7.894	98	102903	2.706	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	54.200%#		
43) trans-1,3-Dichloroprop...	8.177	79	14260	3.633	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	72.600%		
46) 2-Hexanone-d5	8.631	63	90831	55.693	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	111.380%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55303	5.340	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	106.800%		
66) 1,2-Dichlorobenzene-d4	12.190	152	60449	5.045	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	100.800%		
Target Compounds					Qvalue	
13) Acetone	2.660	43	6500	4.956	ug/L	90
14) Carbon disulfide	2.779	76	6191	0.185	ug/L	98
16) Methylene chloride	3.036	84	1816	0.153	ug/L	96
25) Chloroform	5.081	83	4378	0.216	ug/L	94
34) Trichloroethene	6.537	95	17970	1.470	ug/L	97
35) Methylcyclohexane	6.685	83	11796	0.678	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	5730	0.491	ug/L #	90
42) Toluene	7.965	91	31476	0.659	ug/L	97
47) Tetrachloroethene	8.547	164	23836	2.513	ug/L	96
49) Dibromochloromethane	8.547	129	21140	2.217	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	7688	1.236	ug/L #	69

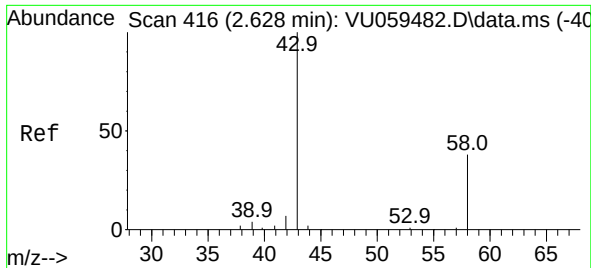
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.956 ug/L

RT: 2.660 min Scan# 41

Delta R.T. 0.032 min

Lab File: VU059493.D

Acq: 26 Jun 2024 00:31

Instrument :

MSVOA_U

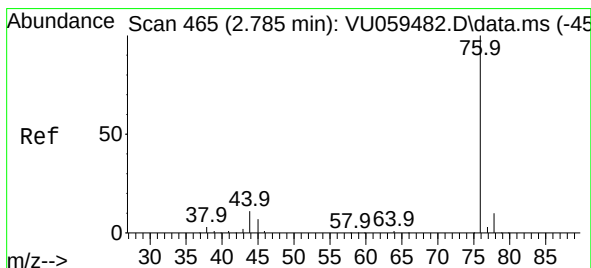
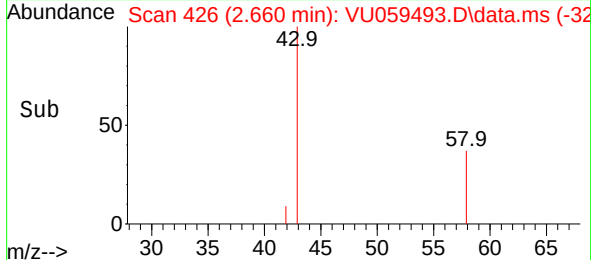
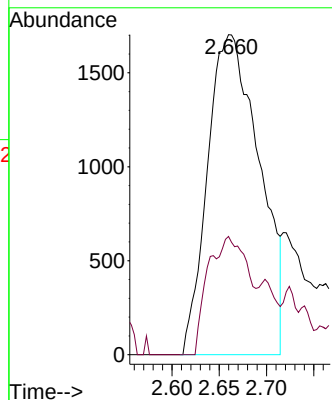
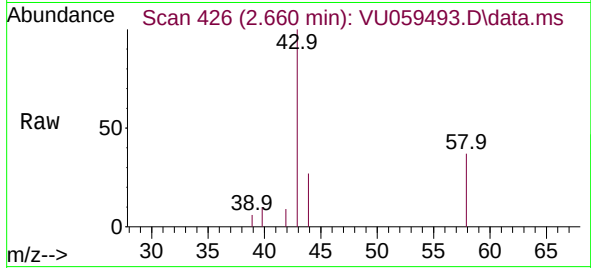
ClientSampleId :

Tgt Ion: 43 Resp: 6500

Ion Ratio Lower Upper

43 100

58 28.5 0.0 68.0



#14

Carbon disulfide

Concen: 0.185 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.006 min

Lab File: VU059493.D

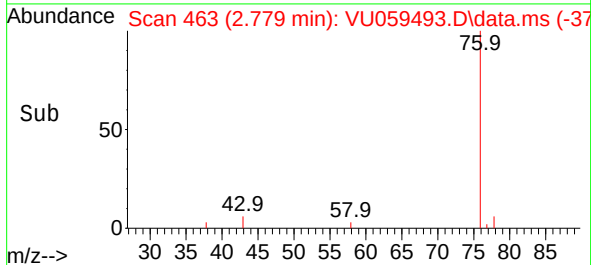
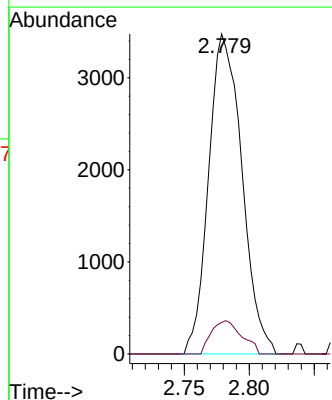
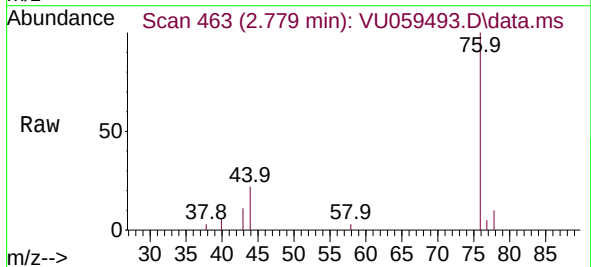
Acq: 26 Jun 2024 00:31

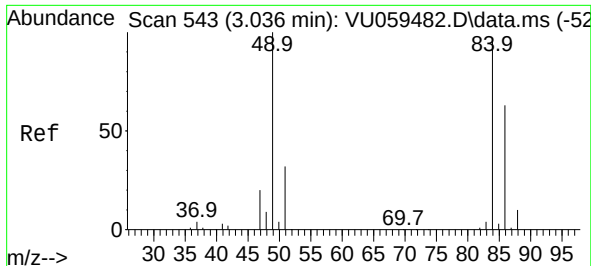
Tgt Ion: 76 Resp: 6191

Ion Ratio Lower Upper

76 100

78 9.9 7.3 10.9

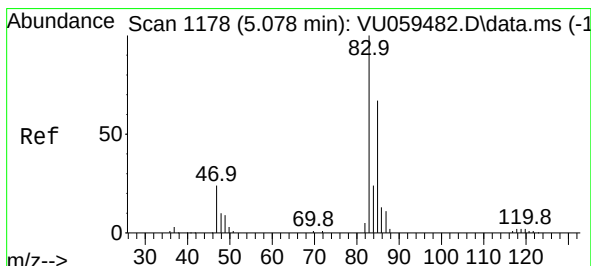
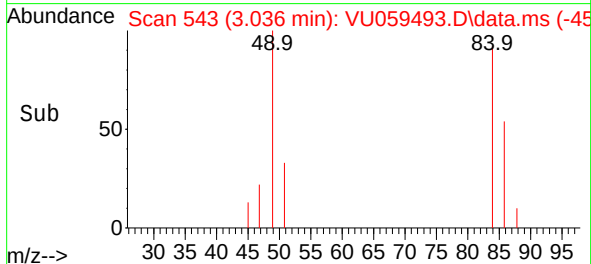
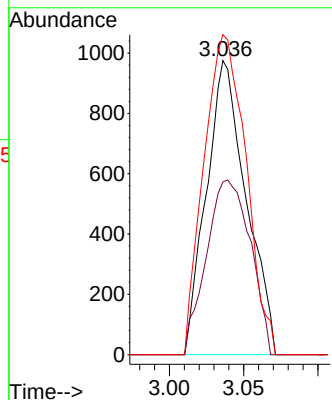
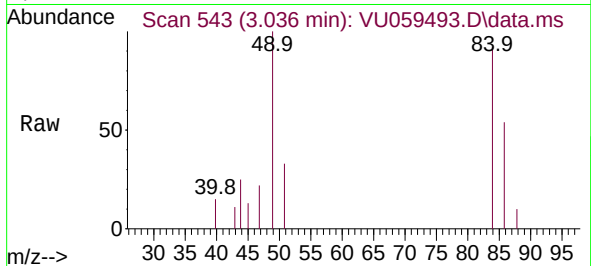




#16
Methylene chloride
Concen: 0.153 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU059493.D
Acq: 26 Jun 2024 00:31

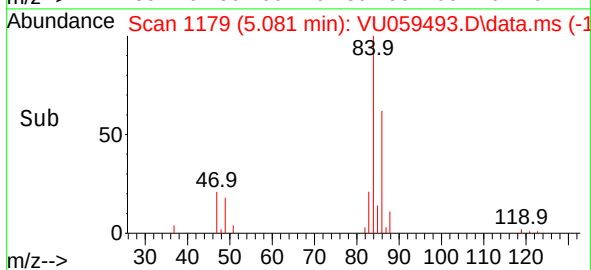
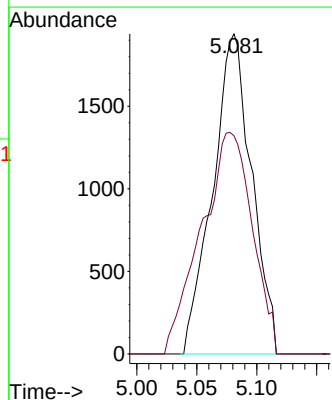
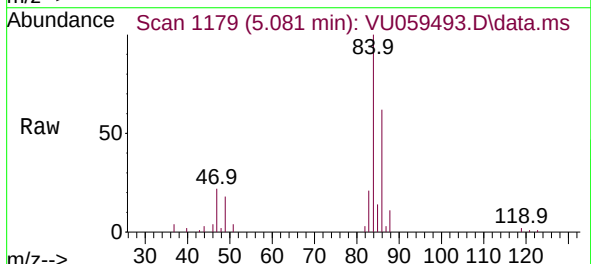
Instrument :
MSVOA_U
ClientSampleId :

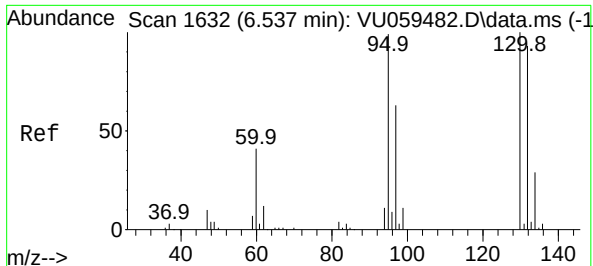
Tgt Ion: 84 Resp: 1816
Ion Ratio Lower Upper
84 100
86 58.8 42.1 78.1
49 108.8 80.6 149.8



#25
Chloroform
Concen: 0.216 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VU059493.D
Acq: 26 Jun 2024 00:31

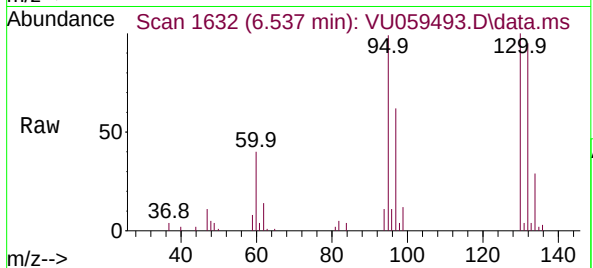
Tgt Ion: 83 Resp: 4378
Ion Ratio Lower Upper
83 100
85 68.2 44.7 83.1





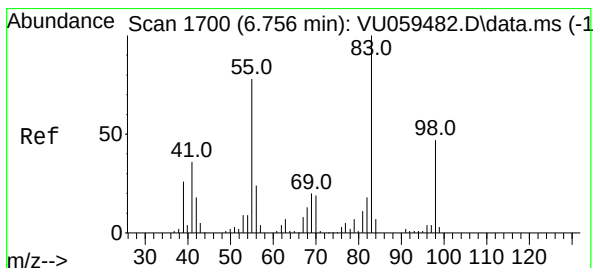
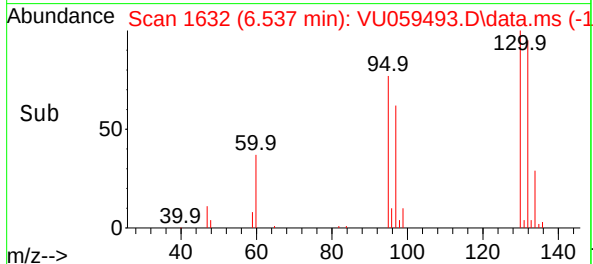
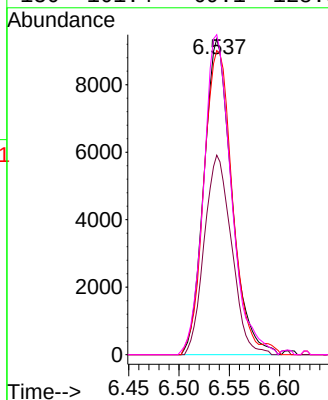
#34
Trichloroethene
Concen: 1.470 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059493.D
Acq: 26 Jun 2024 00:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 17970

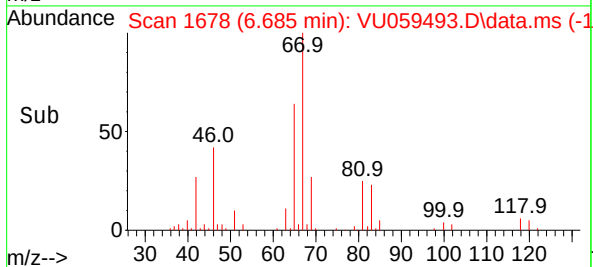
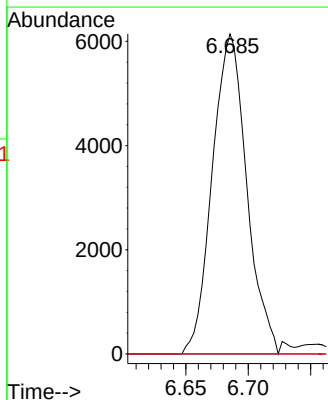
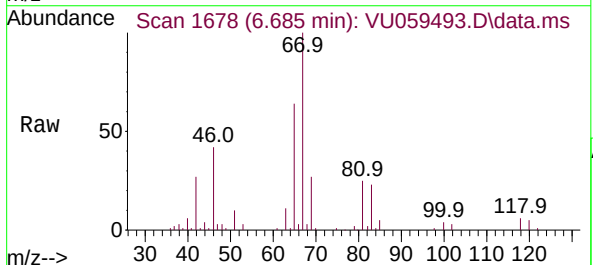
Ion	Ratio	Lower	Upper
95	100		
97	63.2	45.3	84.1
132	96.4	64.0	119.0
130	101.4	69.1	128.3

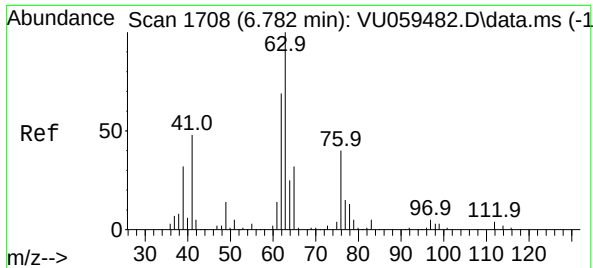


#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU059493.D
Acq: 26 Jun 2024 00:31

Tgt Ion: 83 Resp: 11796

Ion	Ratio	Lower	Upper
83	100		
55	1.3	62.7	94.1#
98	0.0	35.4	53.0#

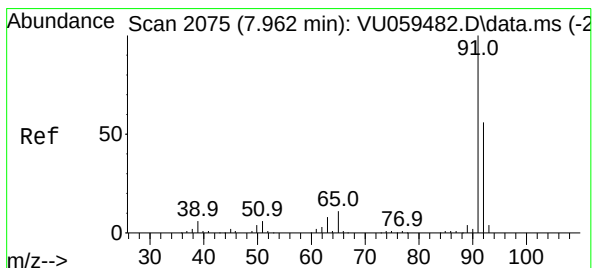
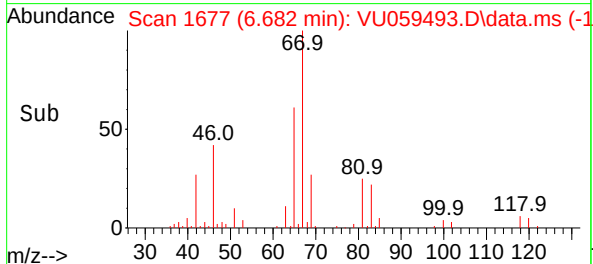
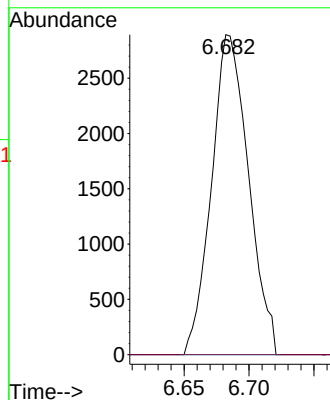
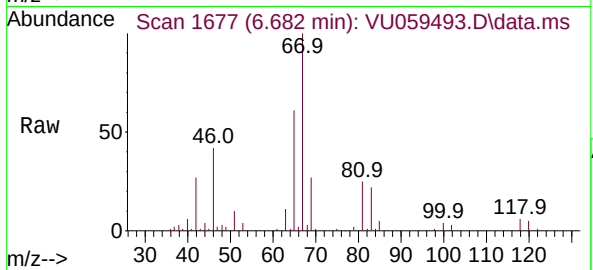




#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059493.D
Acq: 26 Jun 2024 00:31

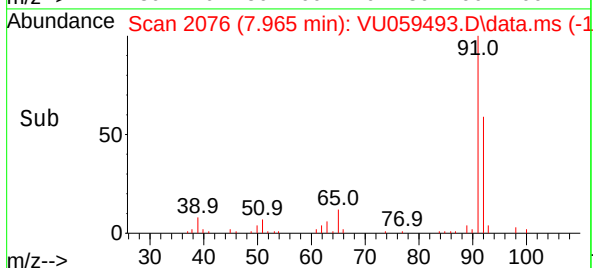
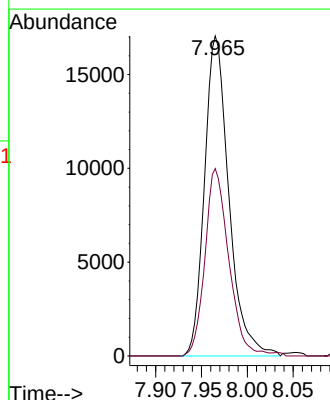
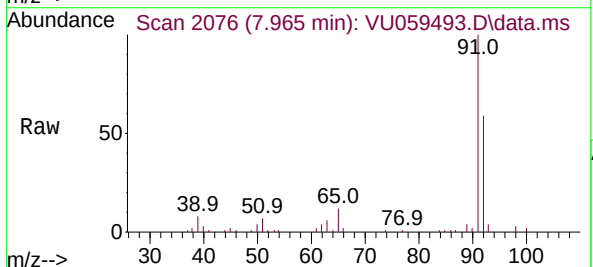
Instrument :
MSVOA_U
ClientSampleId :

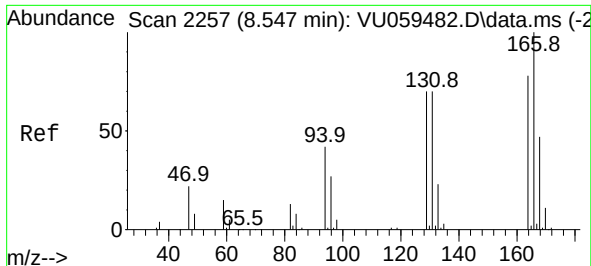
Tgt Ion: 63 Resp: 5730
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#42
Toluene
Concen: 0.659 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU059493.D
Acq: 26 Jun 2024 00:31

Tgt Ion: 91 Resp: 31476
Ion Ratio Lower Upper
91 100
92 58.5 39.7 73.7





#47

Tetrachloroethene

Concen: 2.513 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

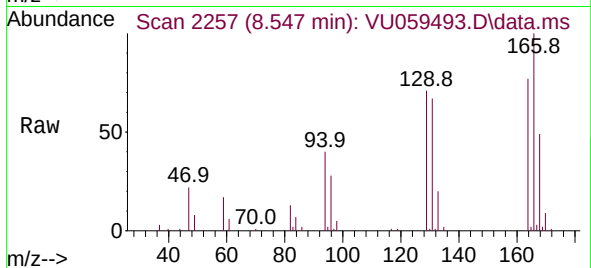
Lab File: VU059493.D

Acq: 26 Jun 2024 00:31

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 23836

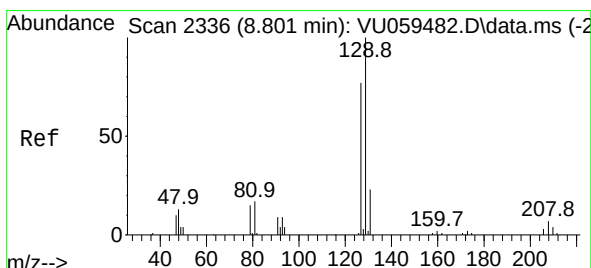
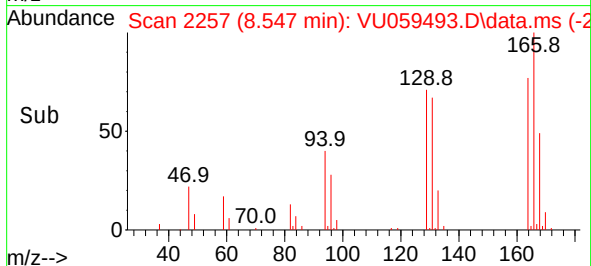
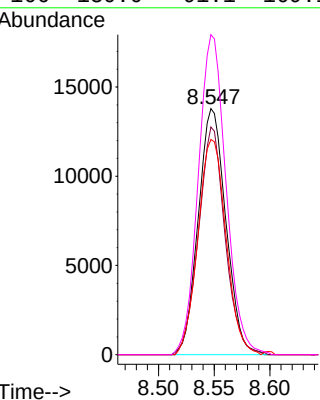
Ion Ratio Lower Upper

164 100

129 92.5 70.8 131.4

131 87.4 64.8 120.3

166 130.0 91.1 169.1



#49

Dibromochloromethane

Concen: 2.217 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU059493.D

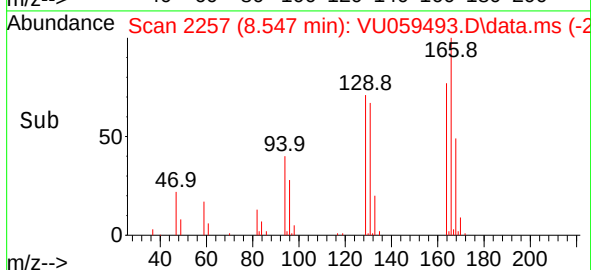
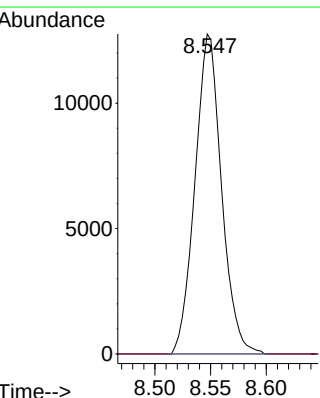
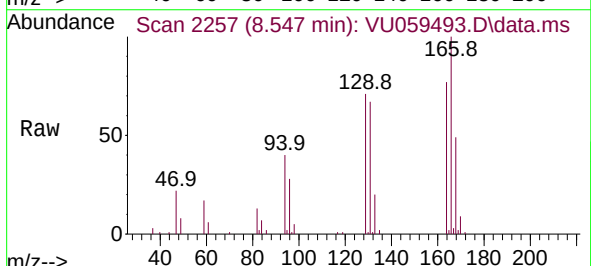
Acq: 26 Jun 2024 00:31

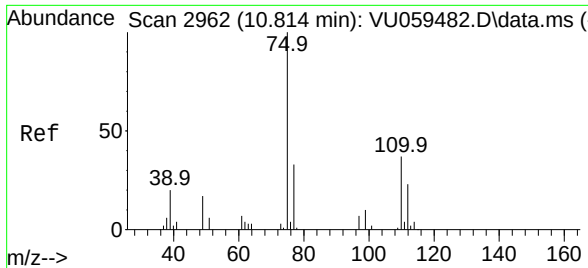
Tgt Ion:129 Resp: 21140

Ion Ratio Lower Upper

129 100

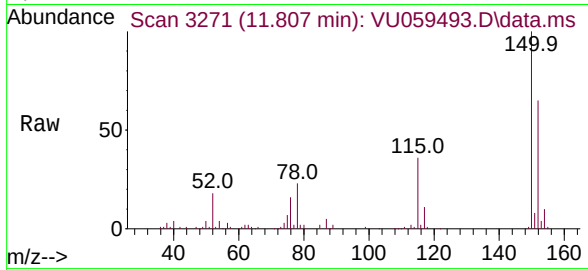
127 0.0 52.5 97.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.236 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU059493.D
 Acq: 26 Jun 2024 00:31

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	7688
Ion	Ratio	Lower	Upper
75	100		
110	1.0	27.1	40.7#
77	30.4	25.4	38.2

