

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060973.D
 Acq On : 23 Sep 2024 13:35
 Operator : MD/SY
 Sample : P4092-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B19

Quant Time: Sep 24 06:09:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 24 06:06:45 2024
 Response via : Initial Calibration

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

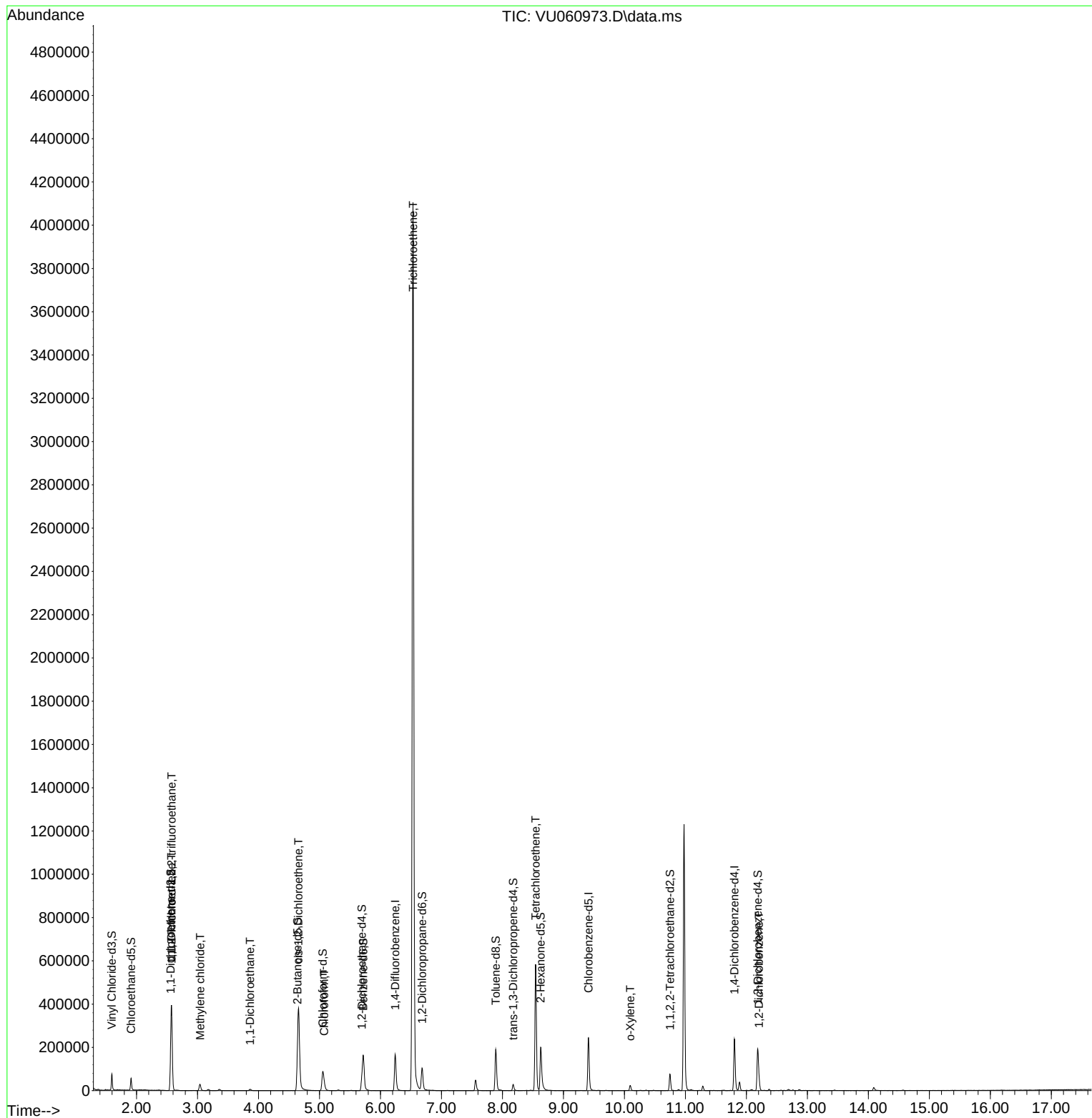
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	143478	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148519	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68794	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50598	3.921	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.911	69	39933	4.346	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.560	65	18325	4.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.637	46	92894	44.839	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.680%
24) Chloroform-d	5.055	84	82062	4.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.695	65	39324	4.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
32) Benzene-d6	5.718	84	161836	4.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.682	67	54768	4.447	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.891	98	140999	3.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.177	79	17654	3.982	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.627	63	76188	43.565	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.140%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	40767	4.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	50762	4.391	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	64938	6.571	ug/L	99
12) 1,1-Dichloroethene	2.573	96	70905	7.856	ug/L	81
16) Methylene chloride	3.042	84	14614	1.398	ug/L	97
19) 1,1-Dichloroethane	3.862	63	7949	0.423	ug/L	93
22) cis-1,2-Dichloroethene	4.657	96	194422	18.784	ug/L	98
25) Chloroform	5.078	83	20022	1.023	ug/L	95
34) Trichloroethene	6.534	95	1448475	135.303	ug/L	98
47) Tetrachloroethene	8.544	164	136482	16.043	ug/L	97
54) o-Xylene	10.097	106	7006	0.417	ug/L	94
67) 1,2-Dichlorobenzene	12.206	146	19064	0.984	ug/L	90

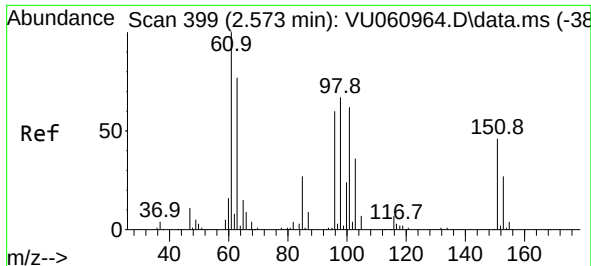
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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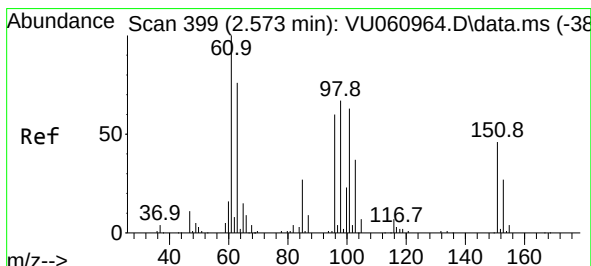
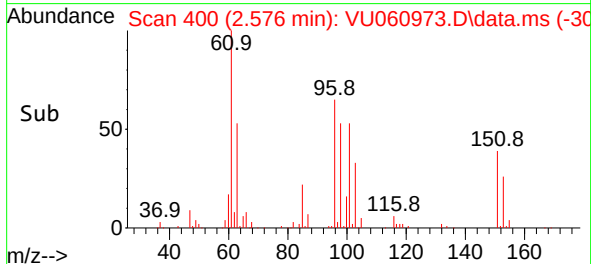
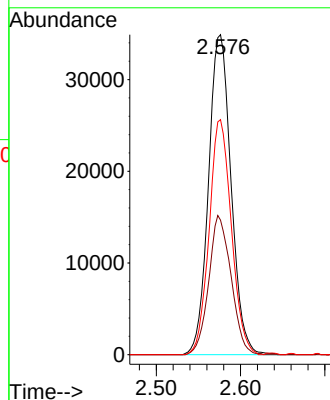
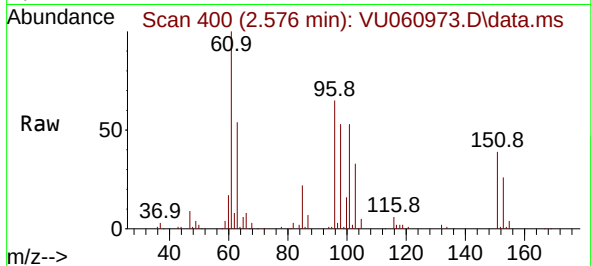




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.571 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060973.D
Acq: 23 Sep 2024 13:35

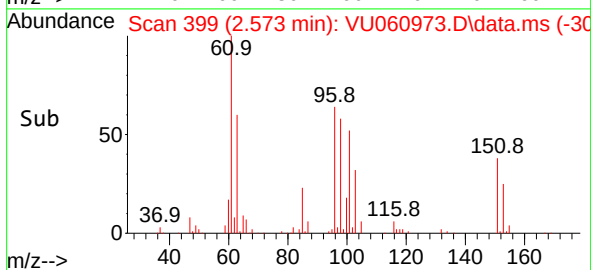
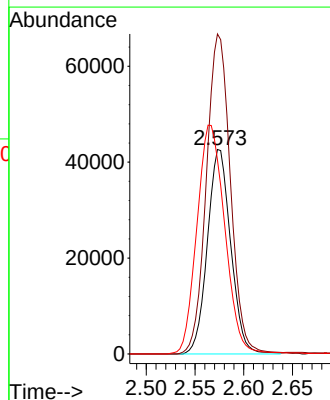
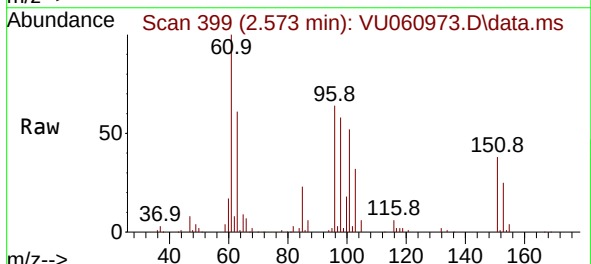
Instrument :
MSVOA_U
ClientSampleId :
C0B19

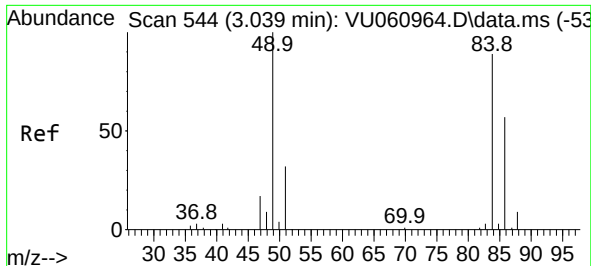
Tgt Ion:101 Resp: 64938
Ion Ratio Lower Upper
101 100
85 43.0 34.2 51.4
151 72.3 58.6 88.0



#12
1,1-Dichloroethene
Concen: 7.856 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060973.D
Acq: 23 Sep 2024 13:35

Tgt Ion: 96 Resp: 70905
Ion Ratio Lower Upper
96 100
61 156.5 120.7 224.1
63 94.9 90.0 167.2

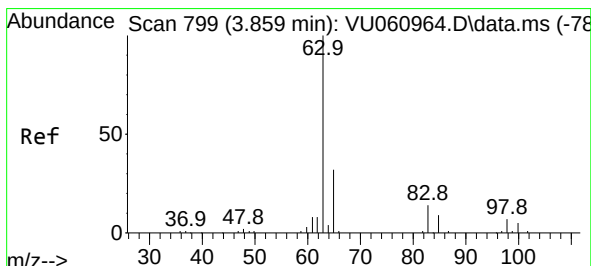
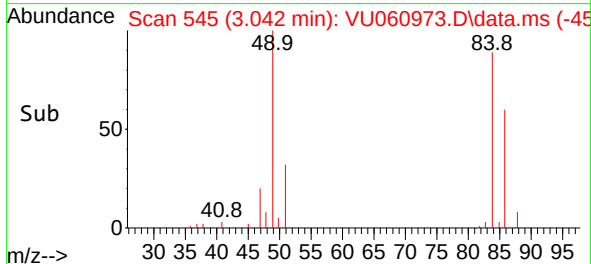
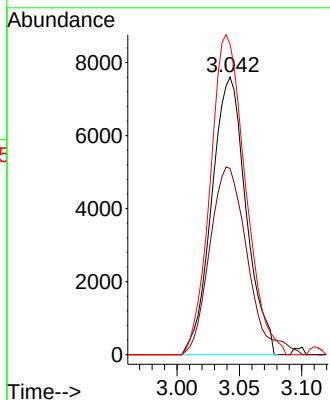
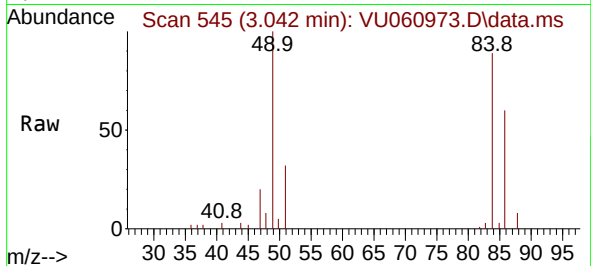




#16
Methylene chloride
Concen: 1.398 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU060973.D
Acq: 23 Sep 2024 13:35

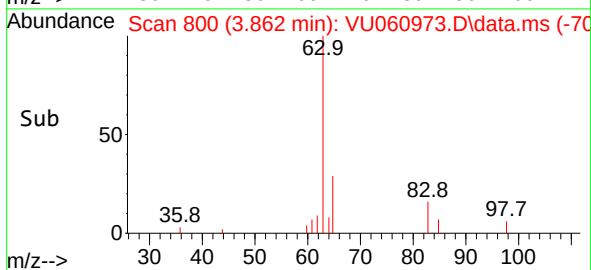
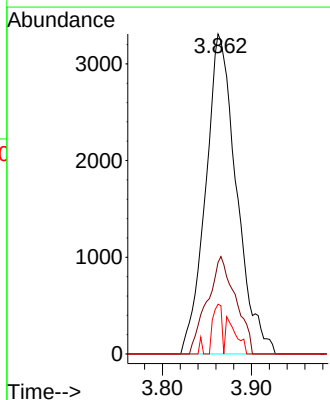
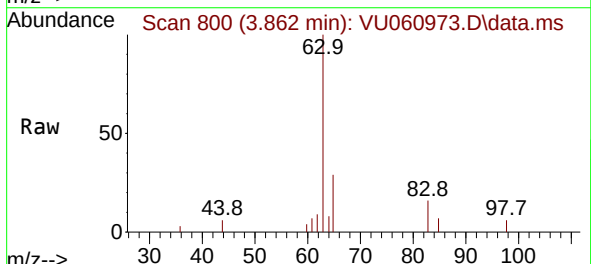
Instrument :
MSVOA_U
ClientSampleId :
C0B19

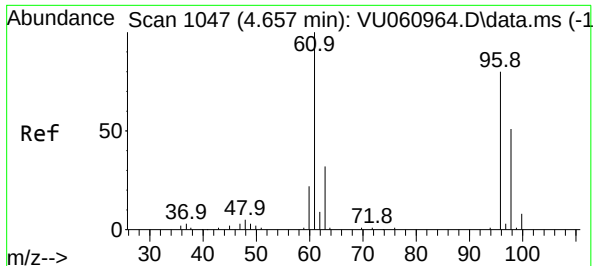
Tgt Ion: 84 Resp: 14614
Ion Ratio Lower Upper
84 100
86 67.1 47.3 87.8
49 117.4 78.7 146.1



#19
1,1-Dichloroethane
Concen: 0.423 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU060973.D
Acq: 23 Sep 2024 13:35

Tgt Ion: 63 Resp: 7949
Ion Ratio Lower Upper
63 100
65 28.6 23.0 42.8
83 15.5 9.0 16.6

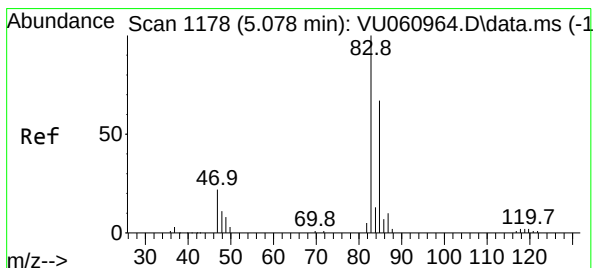
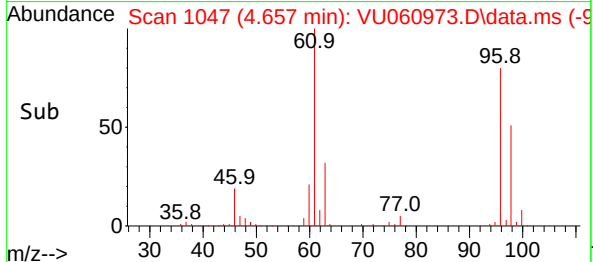
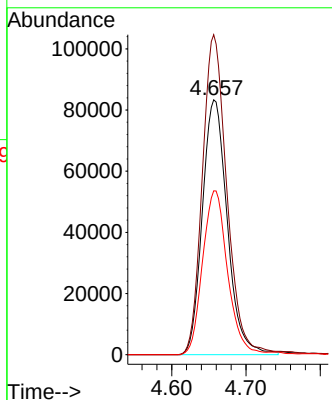
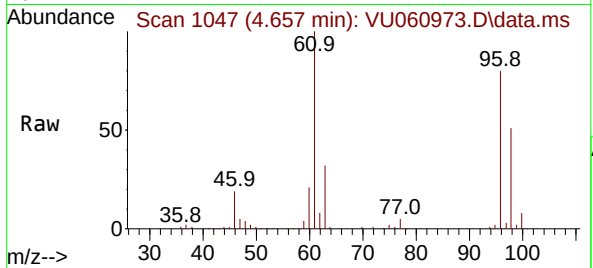




#22
 cis-1,2-Dichloroethene
 Concen: 18.784 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU060973.D
 Acq: 23 Sep 2024 13:35

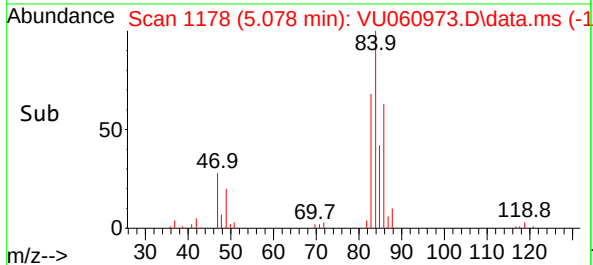
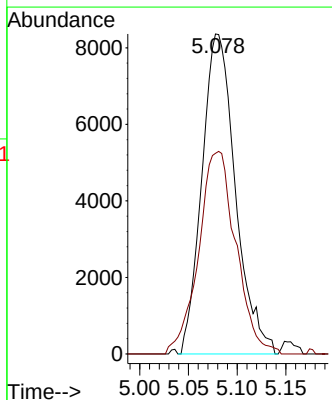
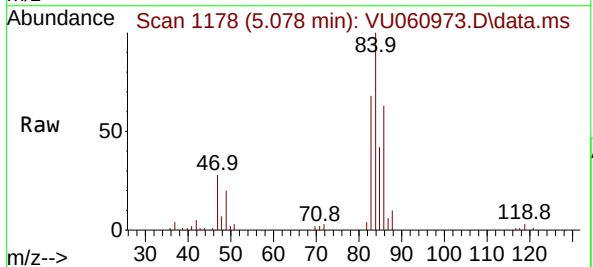
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B19

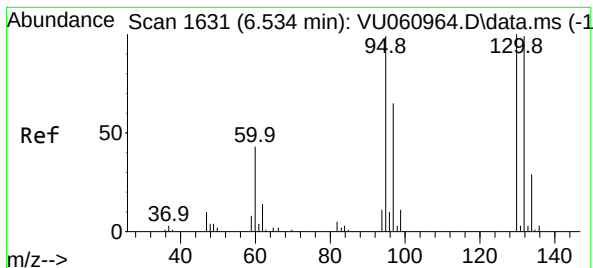
Tgt Ion: 96 Resp: 194422
 Ion Ratio Lower Upper
 96 100
 61 125.6 89.7 166.5
 98 64.3 45.1 83.9



#25
 Chloroform
 Concen: 1.023 ug/L
 RT: 5.078 min Scan# 1178
 Delta R.T. -0.000 min
 Lab File: VU060973.D
 Acq: 23 Sep 2024 13:35

Tgt Ion: 83 Resp: 20022
 Ion Ratio Lower Upper
 83 100
 85 62.7 46.8 86.8





#34

Trichloroethene

Concen: 135.303 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060973.D

Acq: 23 Sep 2024 13:35

Instrument :

MSVOA_U

ClientSampleId :

C0B19

Tgt Ion: 95 Resp: 1448475

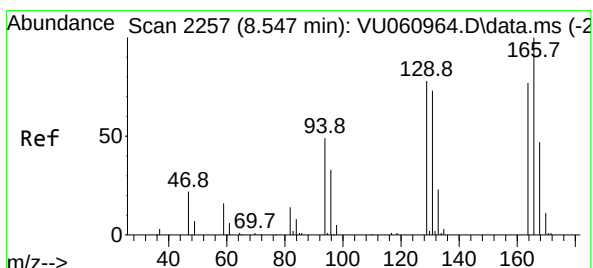
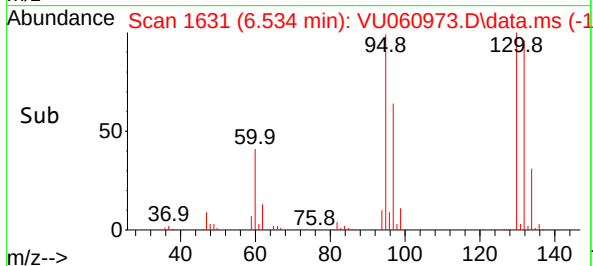
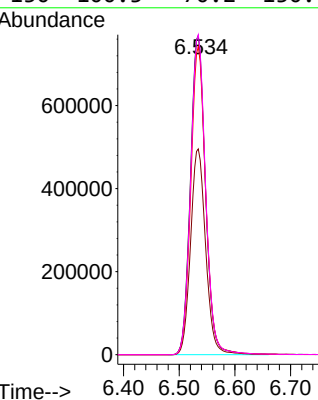
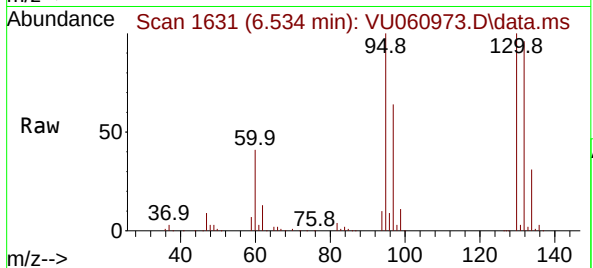
Ion Ratio Lower Upper

95 100

97 64.5 44.9 83.5

132 96.6 63.5 117.9

130 100.3 70.2 130.4



#47

Tetrachloroethene

Concen: 16.043 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU060973.D

Acq: 23 Sep 2024 13:35

Tgt Ion:164 Resp: 136482

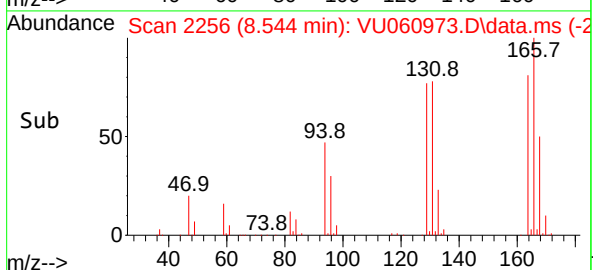
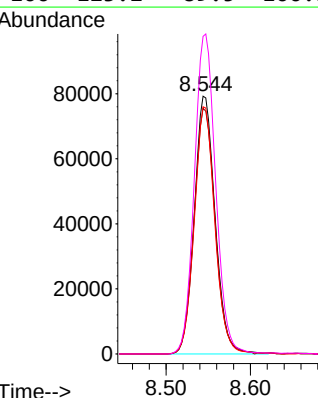
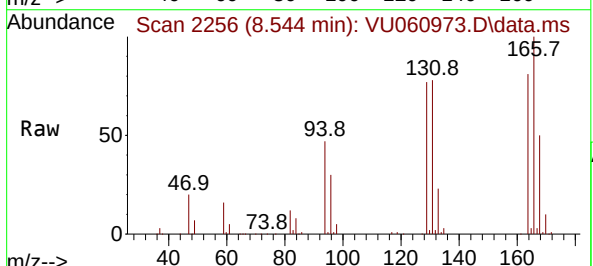
Ion Ratio Lower Upper

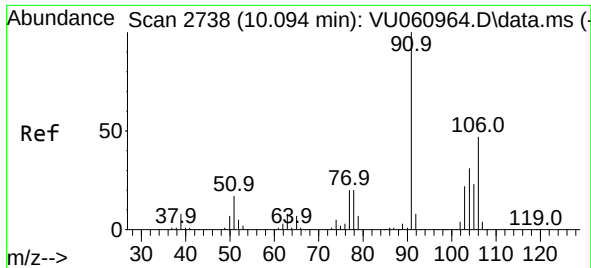
164 100

129 95.2 67.3 124.9

131 95.9 65.4 121.4

166 123.2 89.5 166.1

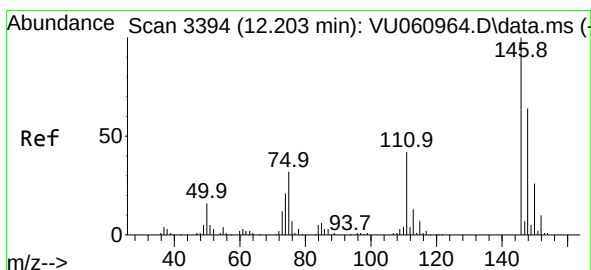
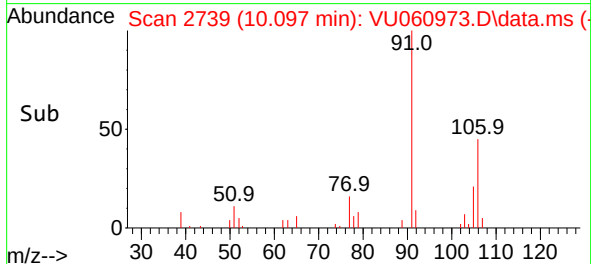
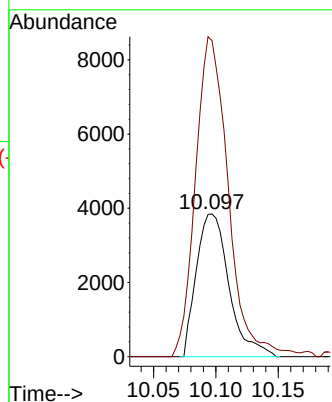
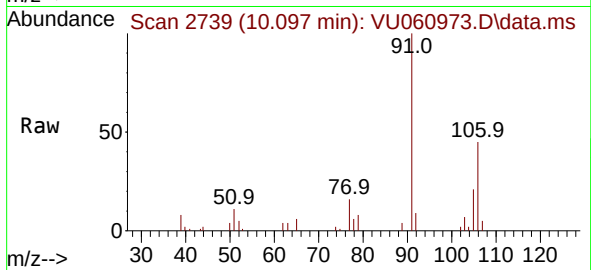




#54
o-Xylene
Concen: 0.417 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060973.D
Acq: 23 Sep 2024 13:35

Instrument :
MSVOA_U
ClientSampleId :
C0B19

Tgt Ion:106 Resp: 7006
Ion Ratio Lower Upper
106 100
91 221.4 148.6 276.0



#67
1,2-Dichlorobenzene
Concen: 0.984 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU060973.D
Acq: 23 Sep 2024 13:35

Tgt Ion:146 Resp: 19064
Ion Ratio Lower Upper
146 100
111 40.5 33.4 50.0
148 75.4 50.9 76.3

