

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072924\
 Data File : VU060260.D
 Acq On : 29 Jul 2024 18:50
 Operator : MD/SY
 Sample : P3344-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 30 04:25:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 30 04:21:24 2024
 Response via : Initial Calibration

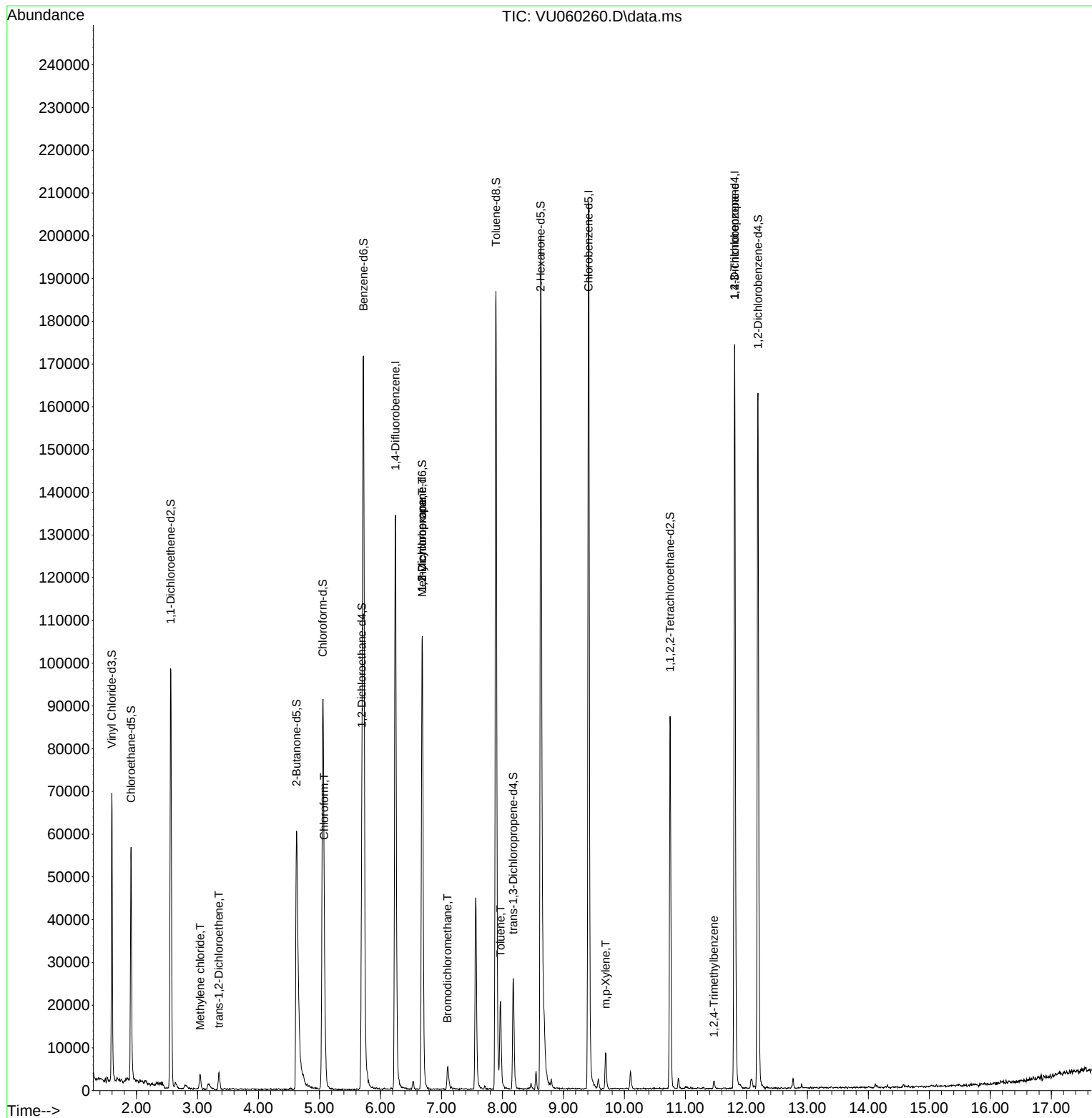
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	115923	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	125003	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	51054	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49616	6.152	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 123.000%		
7) Chloroethane-d5	1.911	69	42612	5.687	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.800%		
11) 1,1-Dichloroethene-d2	2.560	65	19173	6.088	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 121.800%		
20) 2-Butanone-d5	4.624	46	96733	51.299	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 102.600%		
24) Chloroform-d	5.055	84	84865	5.006	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.200%		
26) 1,2-Dichloroethane-d4	5.695	65	43111	5.462	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.200%		
32) Benzene-d6	5.721	84	167909	5.013	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.200%		
36) 1,2-Dichloropropane-d6	6.685	67	57040	5.345	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.800%		
41) Toluene-d8	7.894	98	133486	4.411	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 88.200%		
43) trans-1,3-Dichloroprop...	8.177	79	17945	4.940	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.800%		
46) 2-Hexanone-d5	8.627	63	69301	42.989	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 85.980%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	45695	4.811	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 96.200%		
66) 1,2-Dichlorobenzene-d4	12.190	152	47157	5.117	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 102.400%		
Target Compounds						Qvalue
16) Methylene chloride	3.046	84	1981	0.183	ug/L	84
18) trans-1,2-Dichloroethene	3.351	96	1846	0.201	ug/L	98
25) Chloroform	5.078	83	16520	0.860	ug/L	99
35) Methylcyclohexane	6.682	83	12859	0.896	ug/L #	21
37) 1,2-Dichloropropane	6.685	63	5591	0.501	ug/L #	88
38) Bromodichloromethane	7.100	83	4011	0.287	ug/L	92
42) Toluene	7.968	91	16676	0.379	ug/L	94
53) m,p-Xylene	9.695	106	2672	0.158	ug/L	98
61) 1,2,3-Trichloropropane	11.807	75	6190	1.150	ug/L #	62
63) 1,2,4-Trimethylbenzene	11.466	105	1569	0.064	ug/L	93

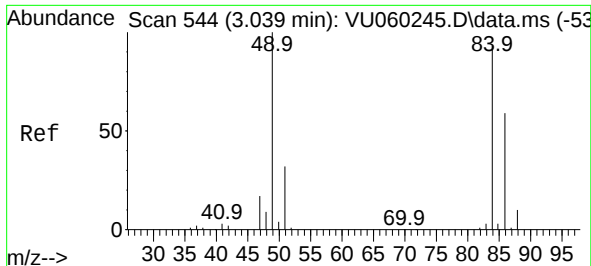
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.183 ug/L

RT: 3.046 min Scan# 544

Delta R.T. 0.006 min

Lab File: VU060260.D

Acq: 29 Jul 2024 18:50

Instrument :

MSVOA_U

ClientSampleId :

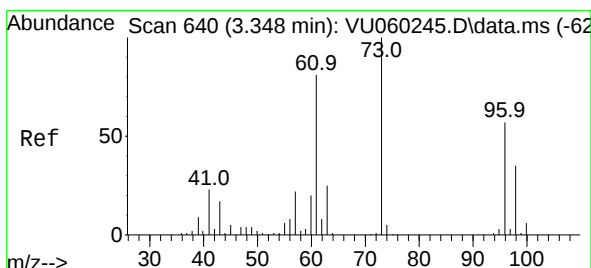
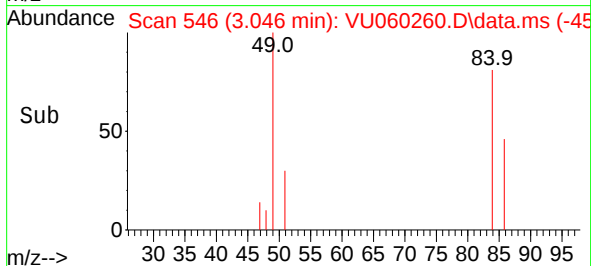
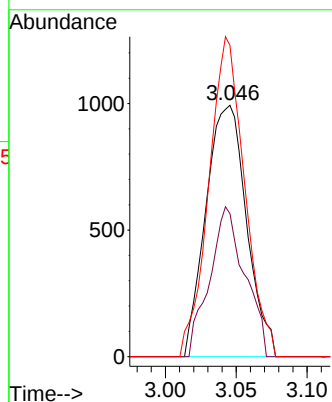
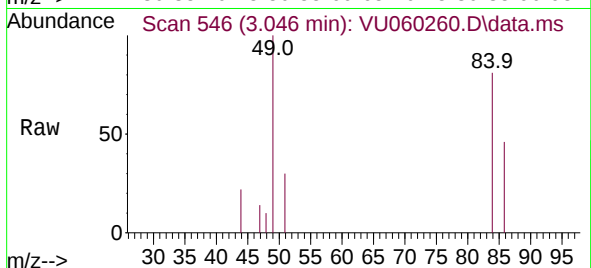
Tgt Ion: 84 Resp: 1981

Ion Ratio Lower Upper

84 100

86 56.9 44.4 82.5

49 123.8 72.0 133.6



#18

trans-1,2-Dichloroethene

Concen: 0.201 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU060260.D

Acq: 29 Jul 2024 18:50

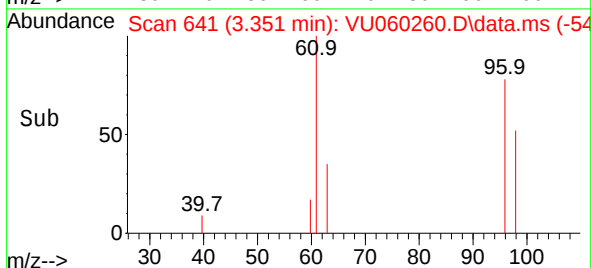
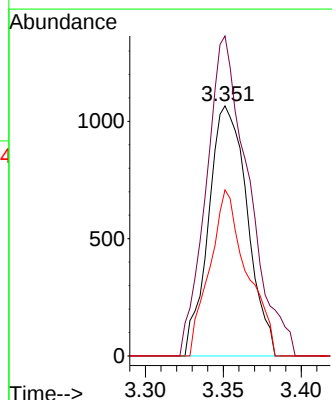
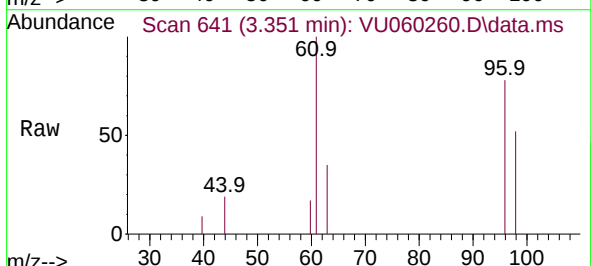
Tgt Ion: 96 Resp: 1846

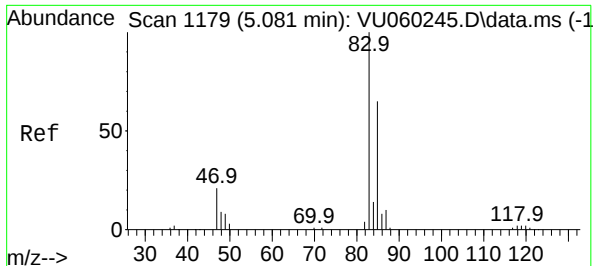
Ion Ratio Lower Upper

96 100

61 128.0 91.6 170.0

98 66.4 47.7 88.5

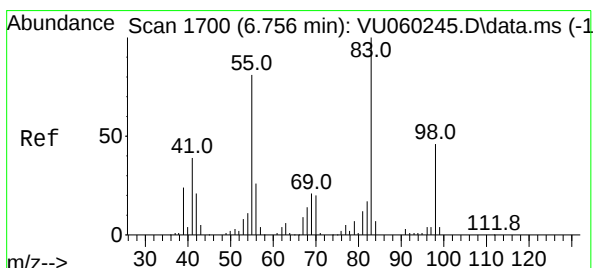
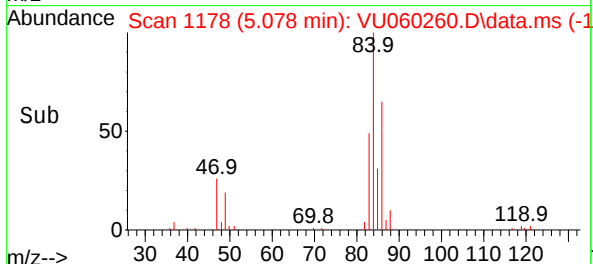
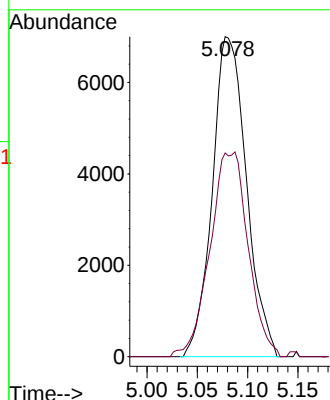
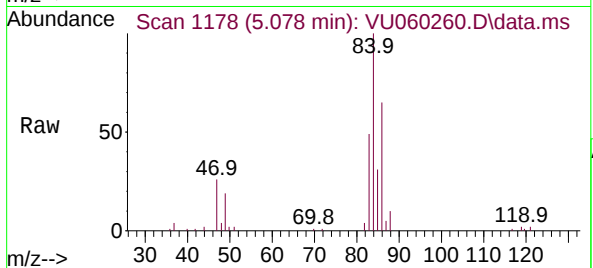




#25
Chloroform
Concen: 0.860 ug/L
RT: 5.078 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VU060260.D
Acq: 29 Jul 2024 18:50

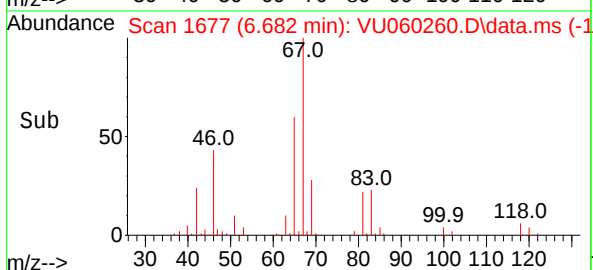
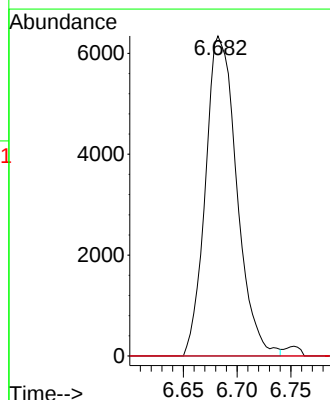
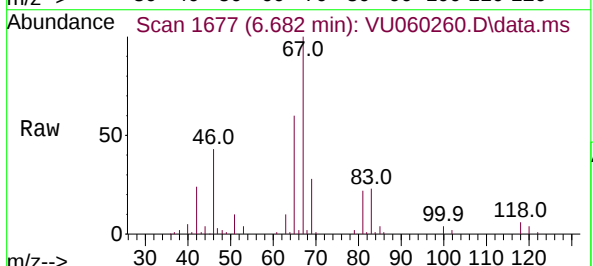
Instrument :
MSVOA_U
ClientSampleId :

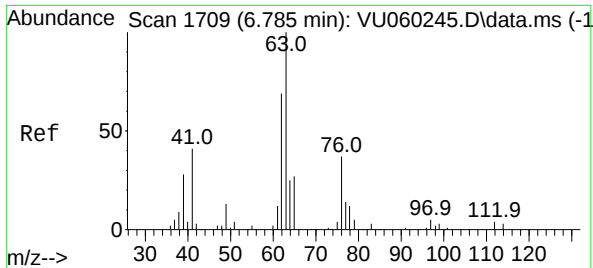
Tgt Ion: 83 Resp: 16520
Ion Ratio Lower Upper
83 100
85 63.6 45.4 84.2



#35
Methylcyclohexane
Concen: 0.896 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU060260.D
Acq: 29 Jul 2024 18:50

Tgt Ion: 83 Resp: 12859
Ion Ratio Lower Upper
83 100
55 0.0 56.7 85.1#
98 0.9 36.6 55.0#

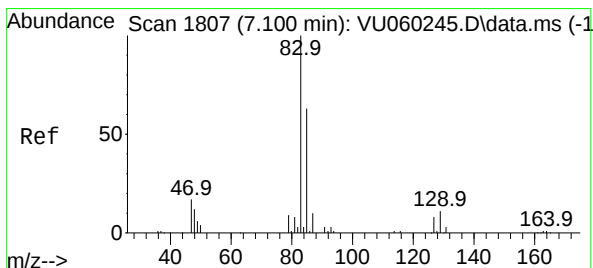
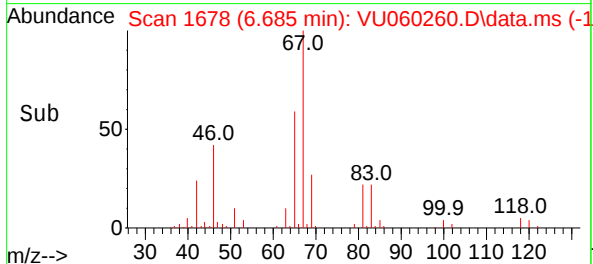
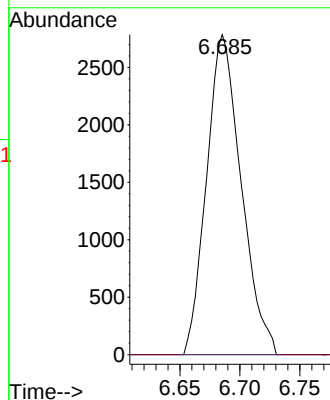
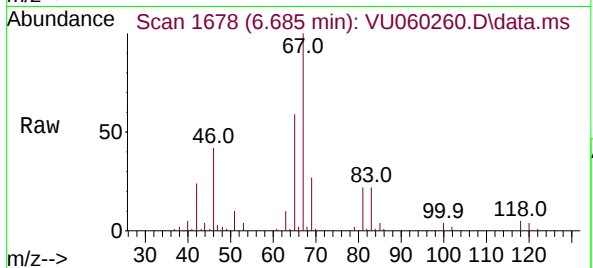




#37
1,2-Dichloropropane
Concen: 0.501 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060260.D
Acq: 29 Jul 2024 18:50

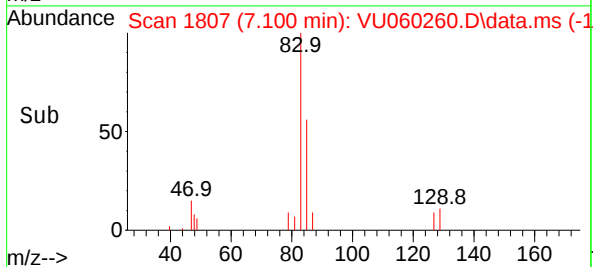
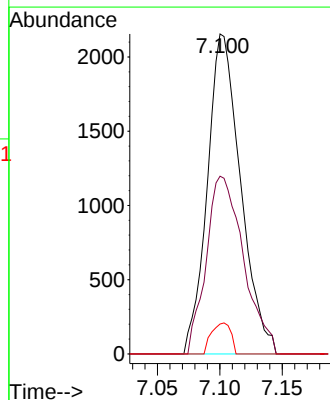
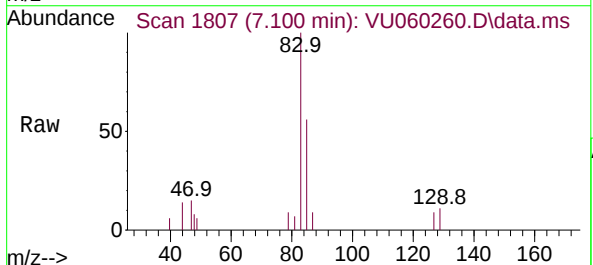
Instrument :
MSVOA_U
ClientSampleId :

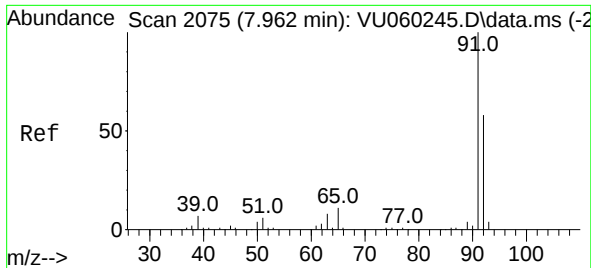
Tgt Ion: 63 Resp: 5591
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.287 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VU060260.D
Acq: 29 Jul 2024 18:50

Tgt Ion: 83 Resp: 4011
Ion Ratio Lower Upper
83 100
85 55.5 43.5 80.7
127 9.3 7.1 10.7





#42

Toluene

Concen: 0.379 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU060260.D

Acq: 29 Jul 2024 18:50

Instrument :

MSVOA_U

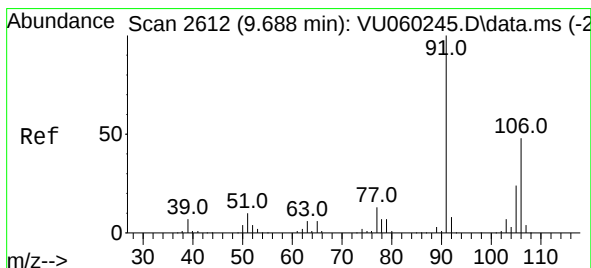
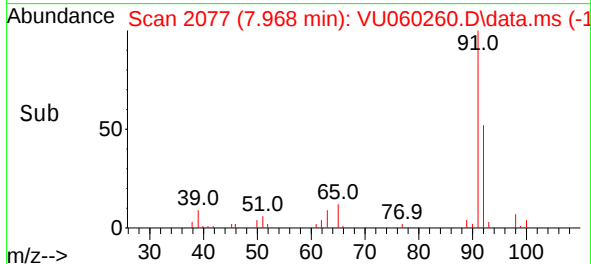
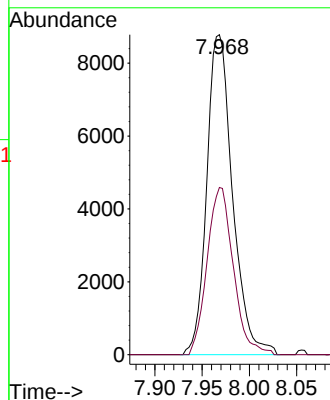
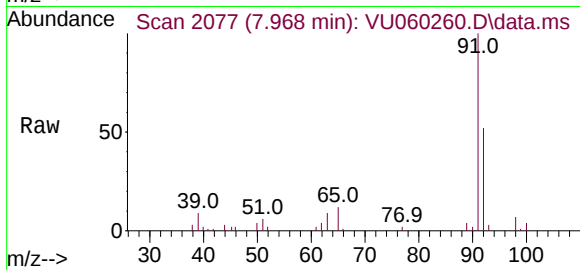
ClientSampleId :

Tgt Ion: 91 Resp: 16676

Ion Ratio Lower Upper

91 100

92 52.3 39.8 73.8



#53

m,p-Xylene

Concen: 0.158 ug/L

RT: 9.695 min Scan# 2614

Delta R.T. 0.006 min

Lab File: VU060260.D

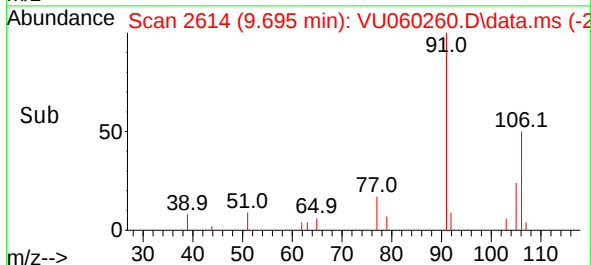
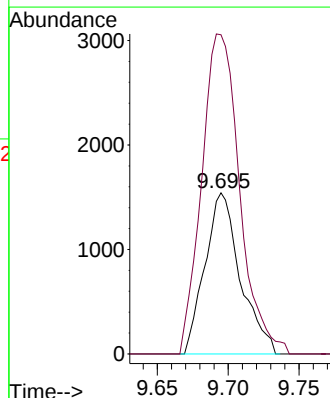
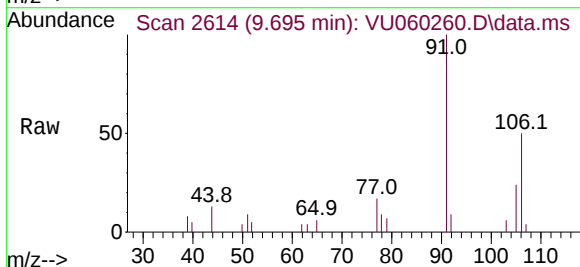
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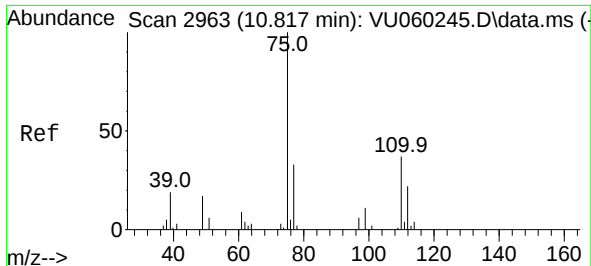
Tgt Ion:106 Resp: 2672

Ion Ratio Lower Upper

106 100

91 198.1 141.3 262.5

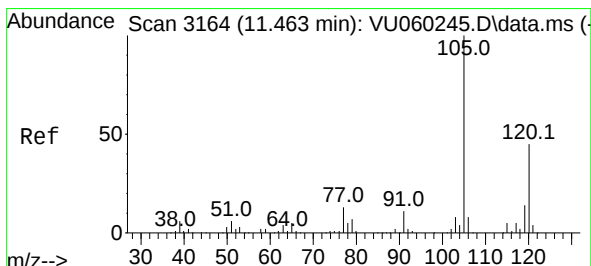
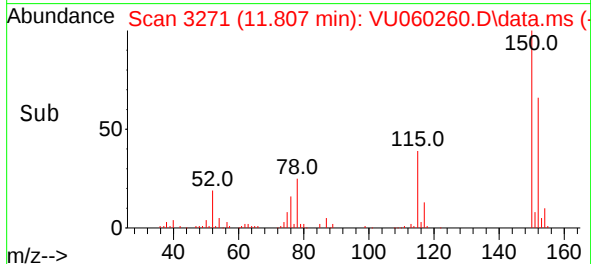
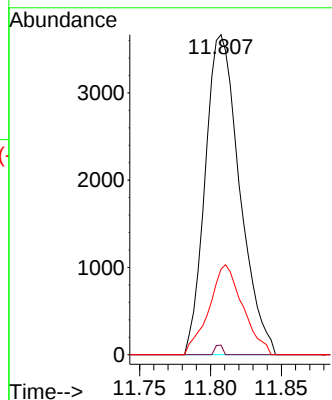
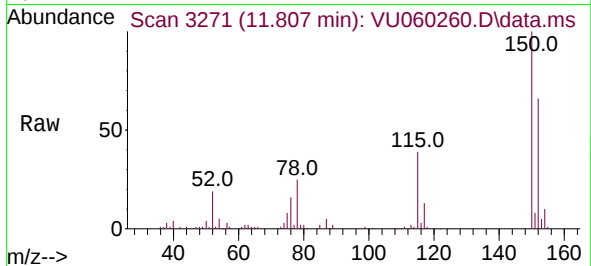




#61
1,2,3-Trichloropropane
Concen: 1.150 ug/L
RT: 11.807 min Scan# 3165
Delta R.T. 0.990 min
Lab File: VU060260.D
Acq: 29 Jul 2024 18:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6190
Ion Ratio Lower Upper
75 100
110 0.7 30.8 46.2#
77 27.7 26.2 39.2



#63
1,2,4-Trimethylbenzene
Concen: 0.064 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU060260.D
Acq: 29 Jul 2024 18:50

Tgt Ion:105 Resp: 1569
Ion Ratio Lower Upper
105 100
120 50.4 36.7 55.1

