

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
 Data File : VU061113.D
 Acq On : 11 Oct 2024 13:00
 Operator : MD/SY
 Sample : P4380-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 04:18:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 11 06:46:55 2024
 Response via : Initial Calibration

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

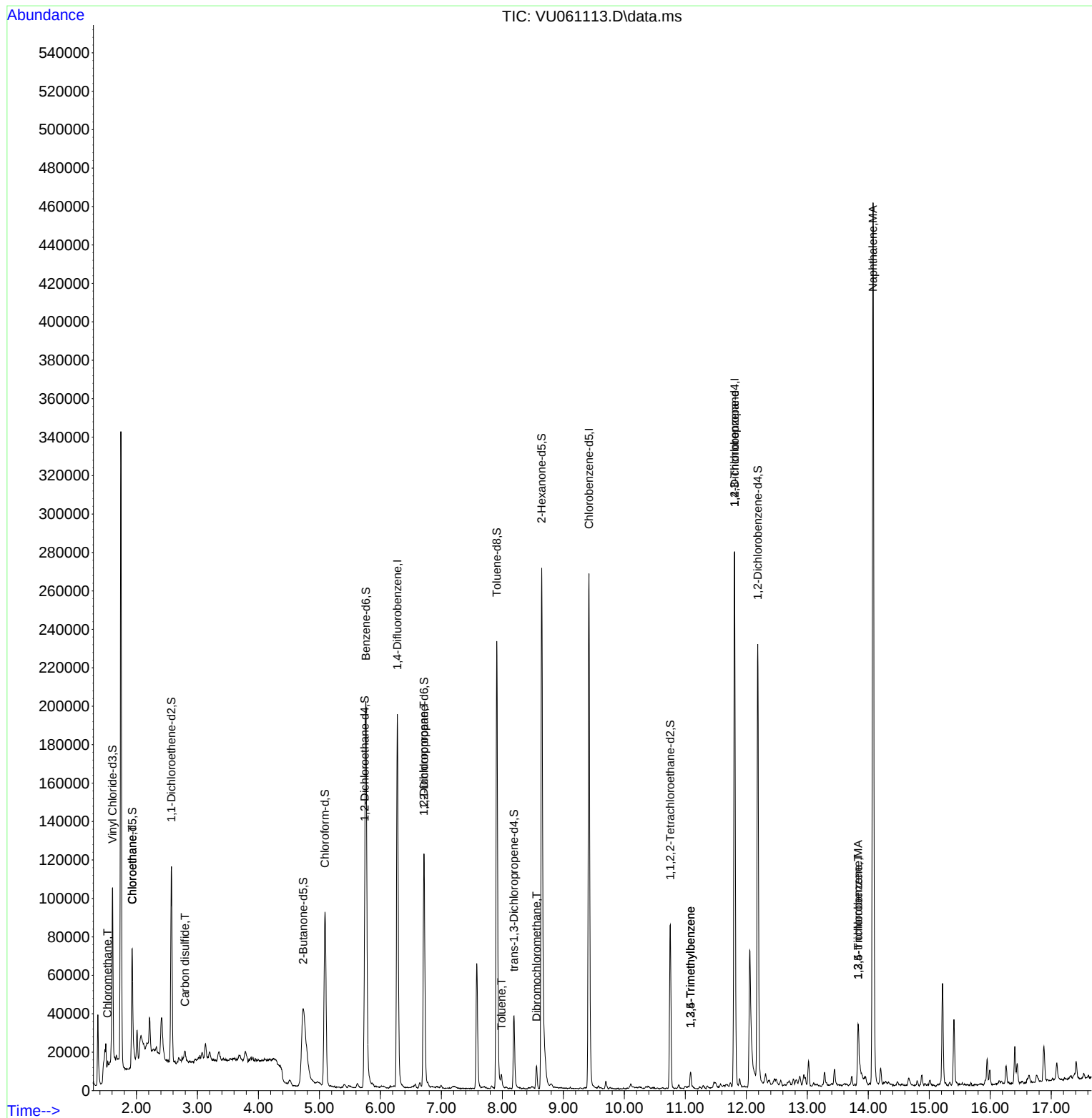
Internal Standards						
1) 1,4-Difluorobenzene	6.277	114	154857	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.418	117	144606	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	69727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.605	65	40181	3.629	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.930	69	35286	4.258	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.573	65	19572	4.007	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.734	46	112709	42.499	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.000%
24) Chloroform-d	5.091	84	87916	4.506	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.743	65	45408	4.390	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.763	84	171435	4.496	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.714	67	58609	4.681	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.907	98	156873	4.402	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.187	79	22018	4.112	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.644	63	106469	48.044	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	41651	4.536	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	53991	4.843	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.525	50	1562	0.143	ug/L	91
8) Chloroethane	1.930	64	35156	5.297	ug/L #	52
14) Carbon disulfide	2.795	76	6550	0.216	ug/L #	84
37) 1,2-Dichloropropane	6.711	63	6400	0.570	ug/L #	93
42) Toluene	7.984	91	5008	0.110	ug/L	98
49) Dibromochloromethane	8.560	129	2312	0.267	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	9615	1.404	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.084	105	5401	0.131	ug/L	93
63) 1,2,4-Trimethylbenzene	11.084	105	5401	0.130	ug/L	98
69) 1,3,5-Trichlorobenzene	13.833	180	7708	0.548	ug/L #	97
70) 1,2,4-trichlorobenzene	13.833	180	7708	0.715	ug/L	95
71) Naphthalene	14.077	128	358626	20.354	ug/L	99

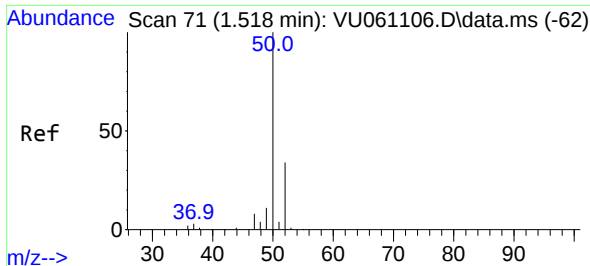
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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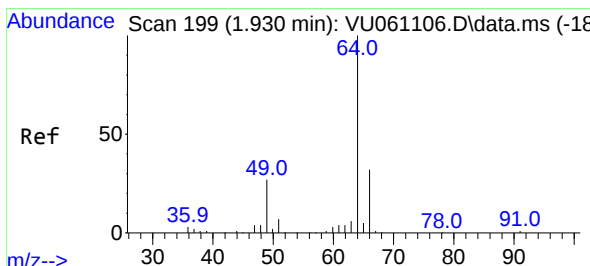
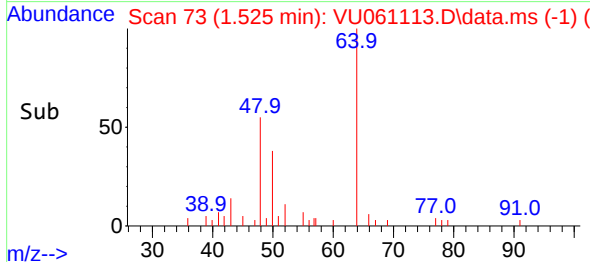
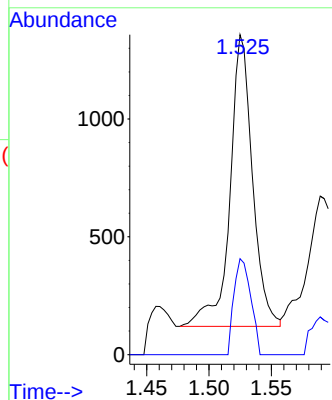
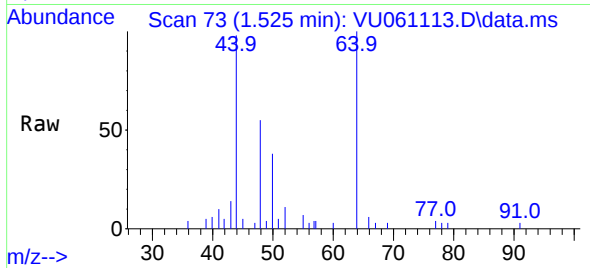




#3
Chloromethane
Concen: 0.143 ug/L
RT: 1.525 min Scan# 71
Delta R.T. 0.007 min
Lab File: VU061113.D
Acq: 11 Oct 2024 13:00

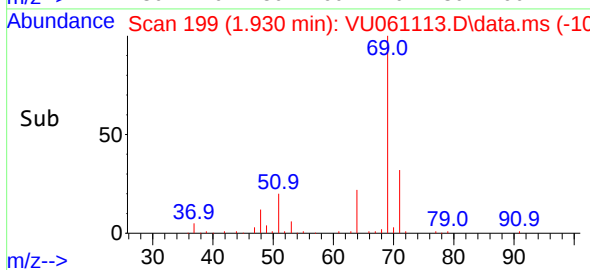
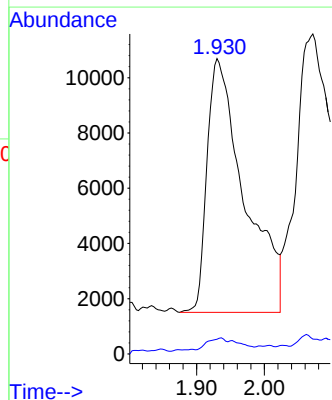
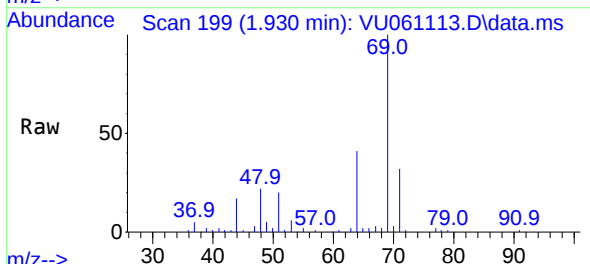
Instrument :
MSVOA_U
ClientSampleId :

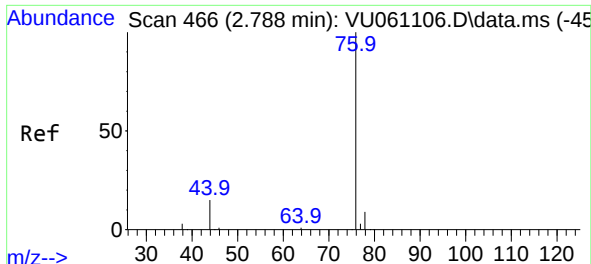
Tgt Ion: 50 Resp: 1562
Ion Ratio Lower Upper
50 100
52 30.0 24.4 45.4



#8
Chloroethane
Concen: 5.297 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061113.D
Acq: 11 Oct 2024 13:00

Tgt Ion: 64 Resp: 35156
Ion Ratio Lower Upper
64 100
66 5.0 22.3 41.3#

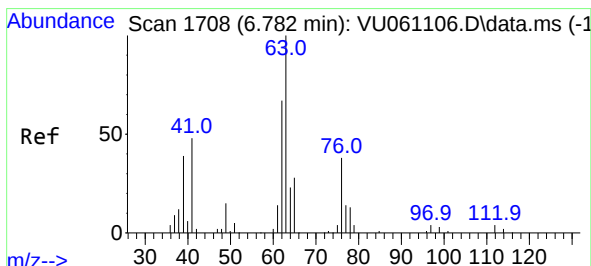
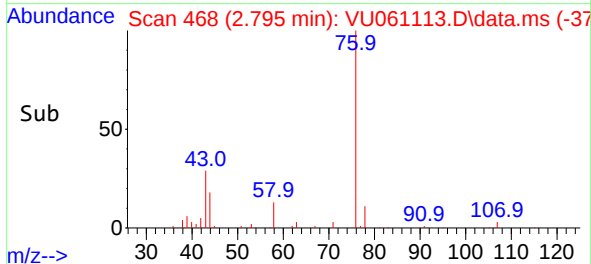
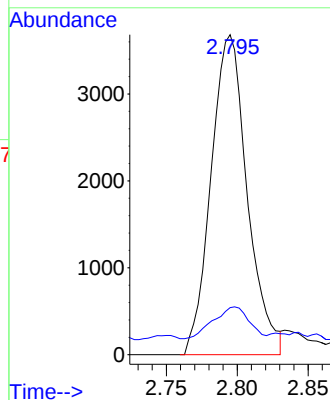
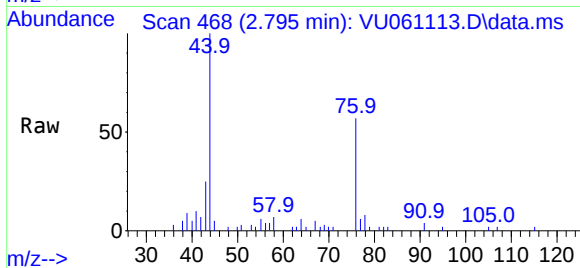




#14
Carbon disulfide
Concen: 0.216 ug/L
RT: 2.795 min Scan# 41
Delta R.T. 0.007 min
Lab File: VU061113.D
Acq: 11 Oct 2024 13:00

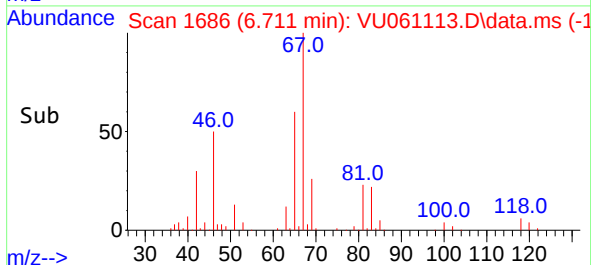
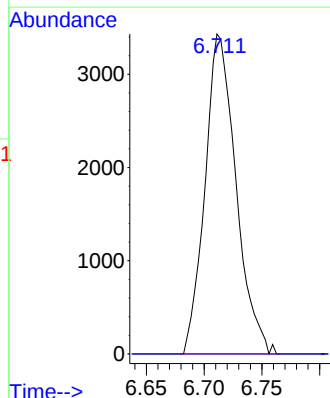
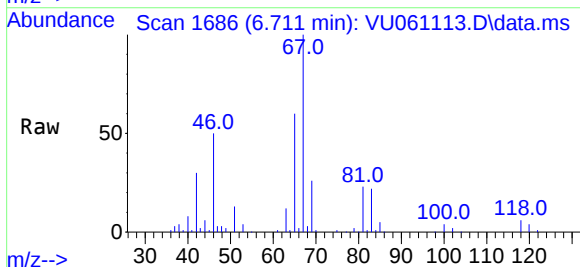
Instrument :
MSVOA_U
ClientSampleId :

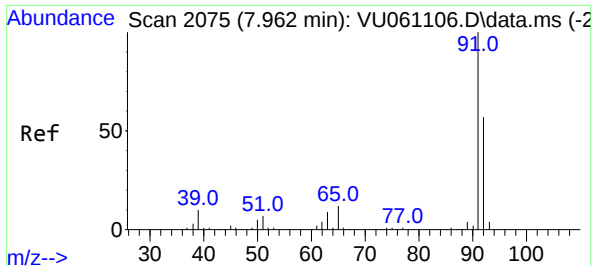
Tgt Ion: 76 Resp: 6550
Ion Ratio Lower Upper
76 100
78 14.7 7.1 10.7#



#37
1,2-Dichloropropane
Concen: 0.570 ug/L
RT: 6.711 min Scan# 1686
Delta R.T. -0.071 min
Lab File: VU061113.D
Acq: 11 Oct 2024 13:00

Tgt Ion: 63 Resp: 6400
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#





#42

Toluene

Concen: 0.110 ug/L

RT: 7.984 min Scan# 2075

Delta R.T. 0.023 min

Lab File: VU061113.D

Acq: 11 Oct 2024 13:00

Instrument :

MSVOA_U

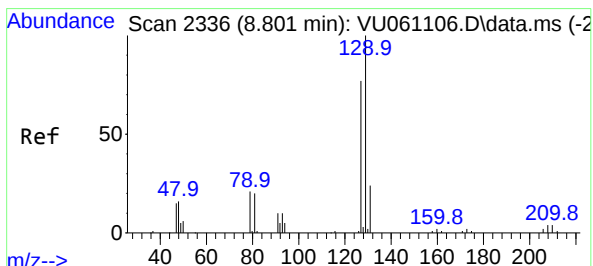
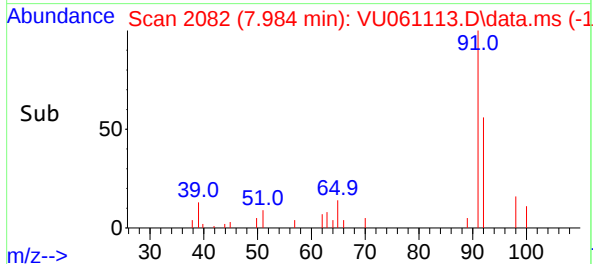
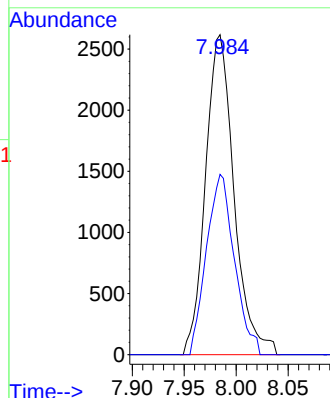
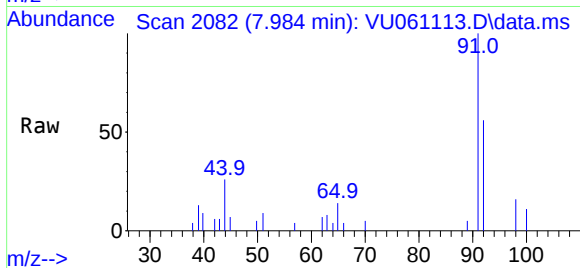
ClientSampleId :

Tgt Ion: 91 Resp: 5008

Ion Ratio Lower Upper

91 100

92 56.3 40.5 75.3



#49

Dibromochloromethane

Concen: 0.267 ug/L

RT: 8.560 min Scan# 2261

Delta R.T. -0.241 min

Lab File: VU061113.D

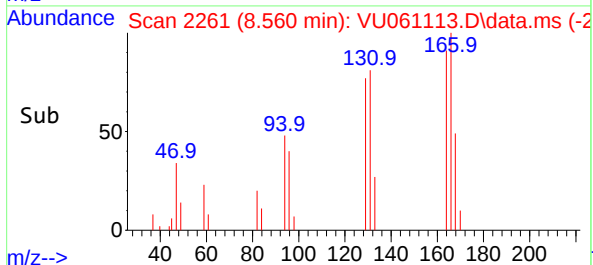
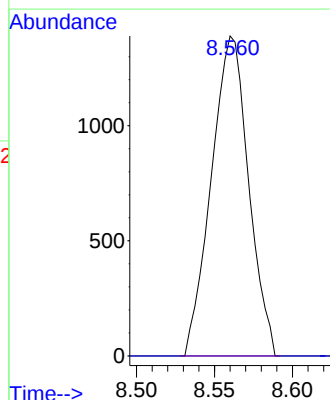
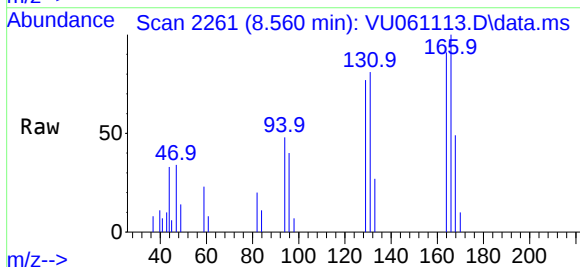
Acq: 11 Oct 2024 13:00

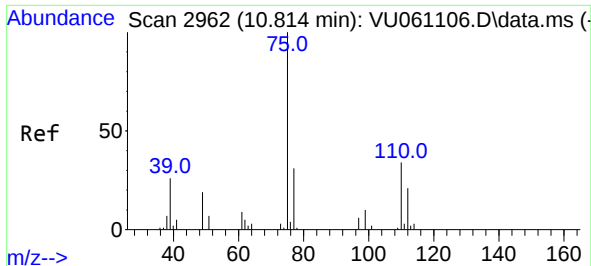
Tgt Ion: 129 Resp: 2312

Ion Ratio Lower Upper

129 100

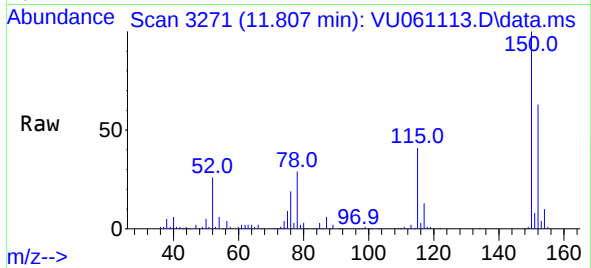
127 0.0 56.1 104.1#



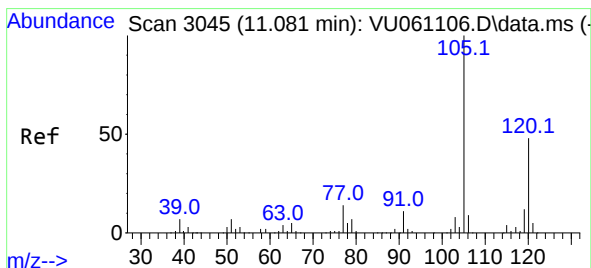
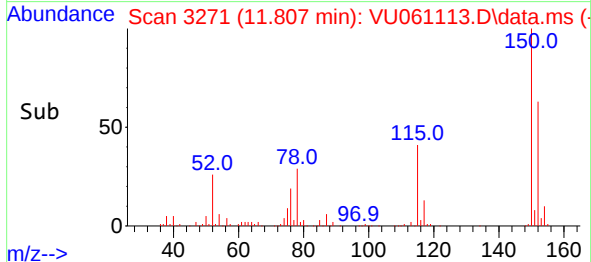
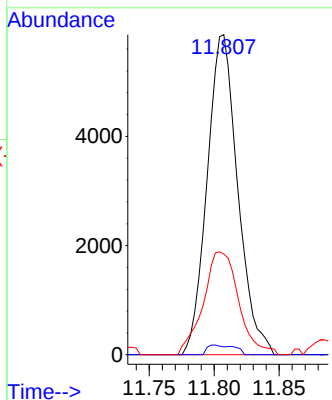


#61
1,2,3-Trichloropropane
Concen: 1.404 ug/L
RT: 11.807 min Scan# 311
Delta R.T. 0.990 min
Lab File: VU061113.D
Acq: 11 Oct 2024 13:00

Instrument :
MSVOA_U
ClientSampleId :

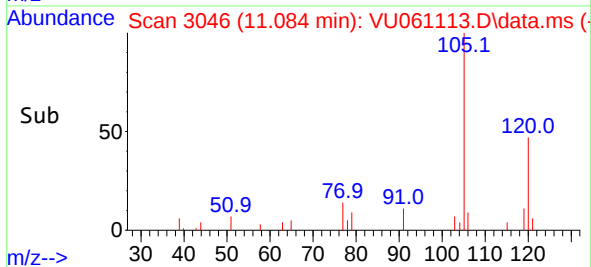
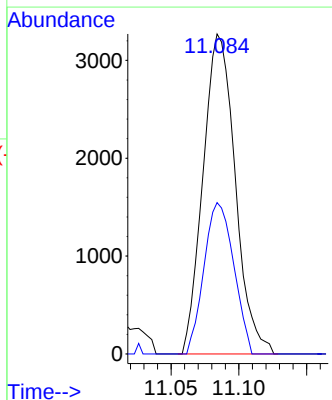
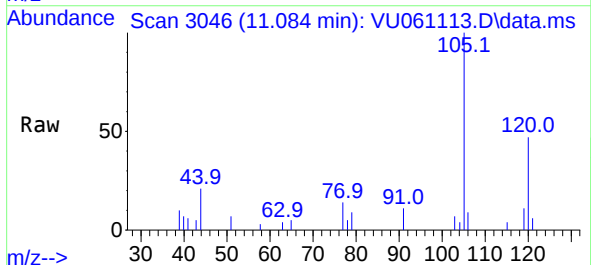


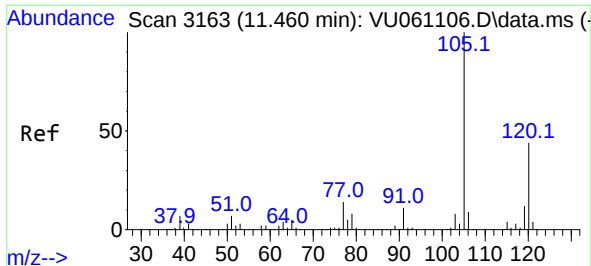
Tgt Ion: 75 Resp: 9615
Ion Ratio Lower Upper
75 100
110 2.7 28.6 43.0#
77 37.2 26.3 39.5



#62
1,3,5-Trimethylbenzene
Concen: 0.131 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU061113.D
Acq: 11 Oct 2024 13:00

Tgt Ion: 105 Resp: 5401
Ion Ratio Lower Upper
105 100
120 43.5 38.5 57.7

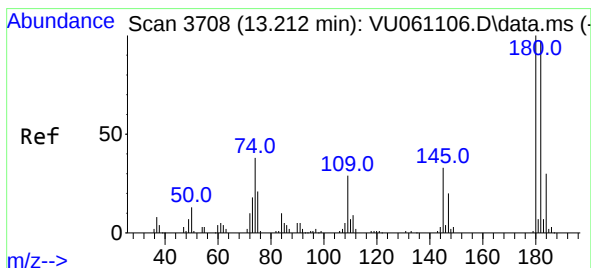
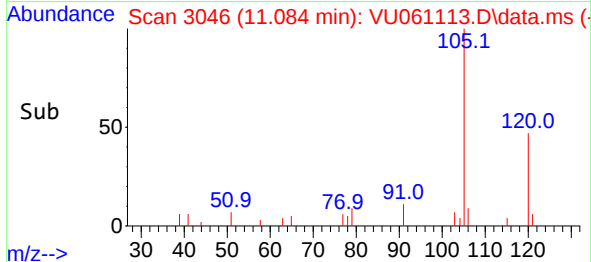
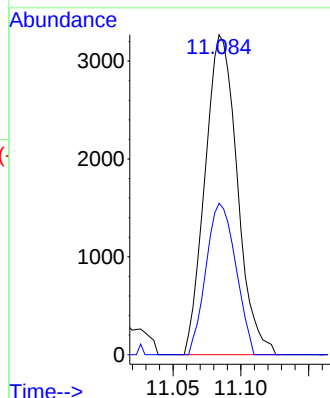
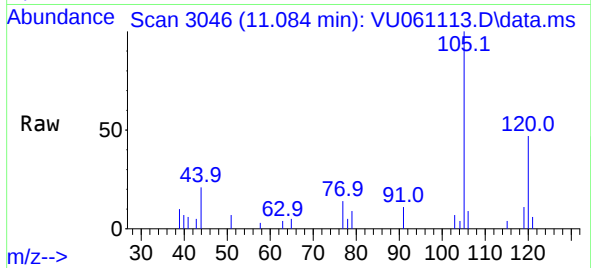




#63
1,2,4-Trimethylbenzene
Concen: 0.130 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.376 min
Lab File: VU061113.D
Acq: 11 Oct 2024 13:00

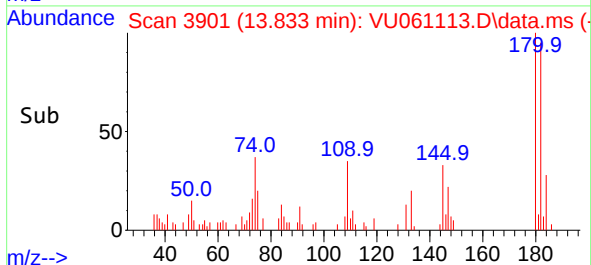
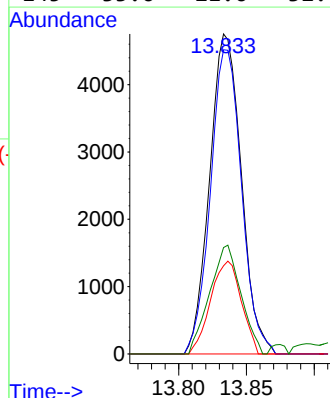
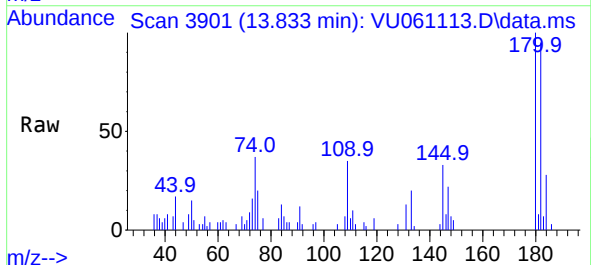
Instrument :
MSVOA_U
ClientSampleId :

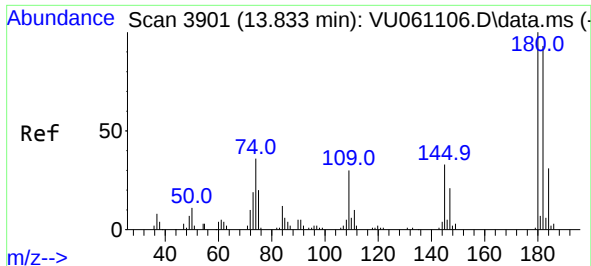
Tgt Ion:105 Resp: 5401
Ion Ratio Lower Upper
105 100
120 43.5 36.1 54.1



#69
1,3,5-Trichlorobenzene
Concen: 0.548 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. 0.621 min
Lab File: VU061113.D
Acq: 11 Oct 2024 13:00

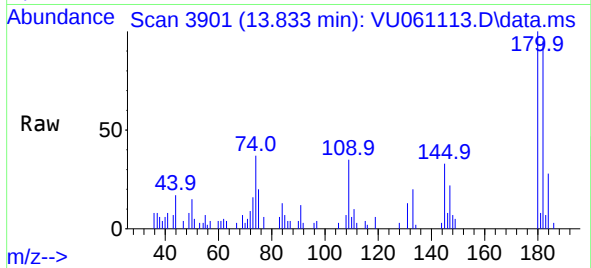
Tgt Ion:180 Resp: 7708
Ion Ratio Lower Upper
180 100
182 93.7 74.5 111.7
184 28.2 23.2 34.8
145 33.6 21.6 32.4#



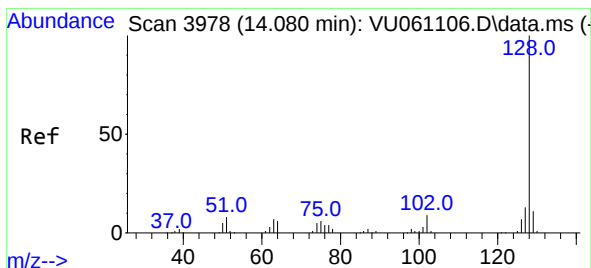
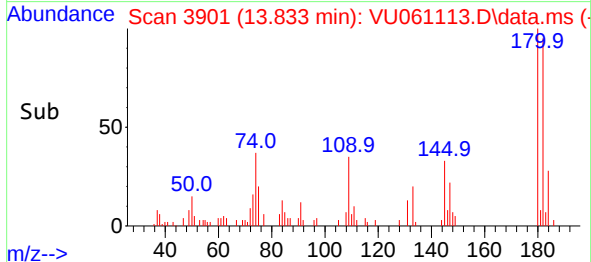
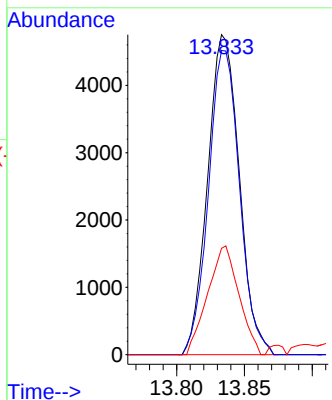


#70
1,2,4-trichlorobenzene
Concen: 0.715 ug/L
RT: 13.833 min Scan# 3901
Delta R.T. -0.003 min
Lab File: VU061113.D
Acq: 11 Oct 2024 13:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:180 Resp: 7708
Ion Ratio Lower Upper
180 100
182 93.7 77.4 116.2
145 33.6 22.9 34.3



#71
Naphthalene
Concen: 20.354 ug/L
RT: 14.077 min Scan# 3977
Delta R.T. -0.006 min
Lab File: VU061113.D
Acq: 11 Oct 2024 13:00

Tgt Ion:128 Resp: 358626
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 13.1 10.7 16.1

