

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
 Data File : VU061122.D
 Acq On : 11 Oct 2024 16:41
 Operator : MD/SY
 Sample : P4389-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 14 04:19:51 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)

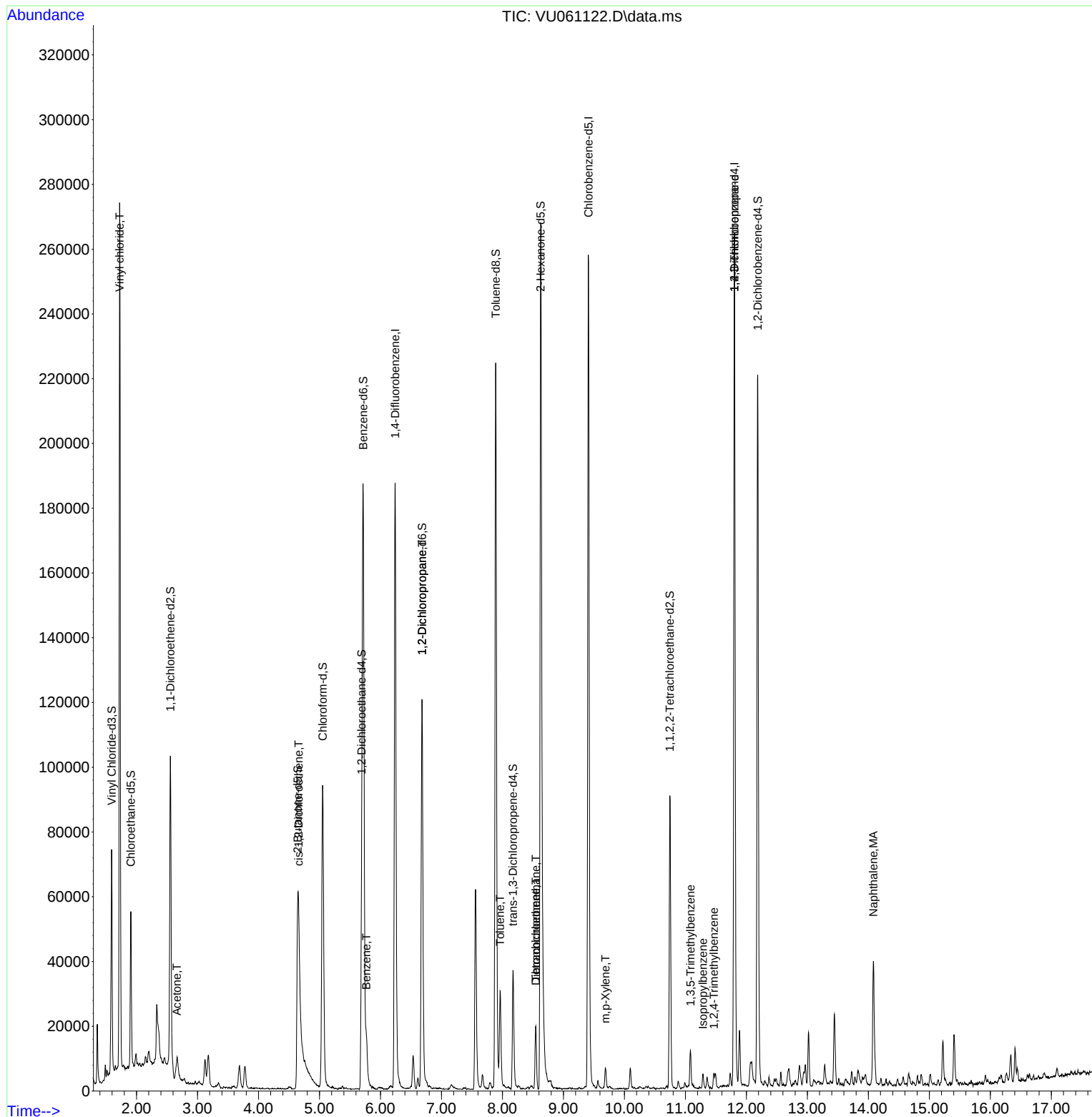
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	156181	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	141232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	38347	3.434	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.907	69	35104	4.200	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.557	65	18450	3.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	4.644	46	109763	41.037	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.080%
24) Chloroform-d	5.052	84	87745	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.692	65	47914	4.593	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.717	84	170601	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.682	67	59825	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	153958	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.174	79	21761	4.162	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.627	63	109300	50.500	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.000%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44562	4.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	53919	5.010	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.724	62	4825	0.437	ug/L	96
13) Acetone	2.660	43	14134	8.217	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	6002	0.545	ug/L	95
33) Benzene	5.769	78	13445	0.323	ug/L	100
37) 1,2-Dichloropropane	6.682	63	6430	0.586	ug/L #	93
42) Toluene	7.962	91	22190	0.500	ug/L	96
47) Tetrachloroethene	8.547	164	4027	0.548	ug/L	88
49) Dibromochloromethane	8.550	129	4404	0.521	ug/L #	9
53) m,p-Xylene	9.688	106	1917	0.105	ug/L	61
60) Isopropylbenzene	11.286	105	3176	0.071	ug/L	94
61) 1,2,3-Trichloropropane	11.804	75	9250	1.399	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.084	105	7007	0.177	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	2728	0.068	ug/L	93
71) Naphthalene	14.084	128	34443	2.025	ug/L	98

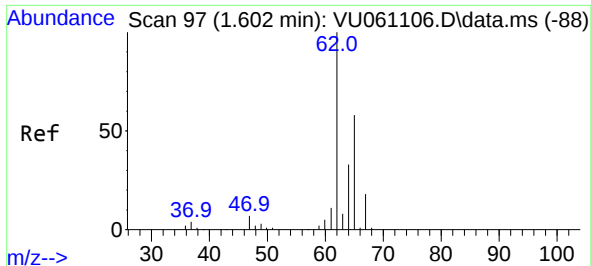
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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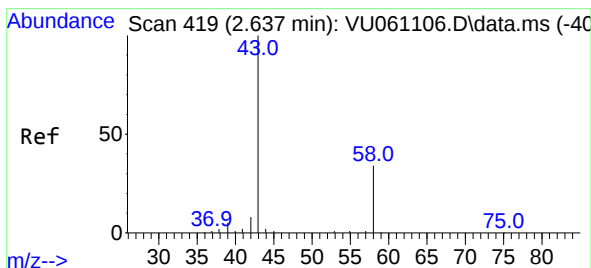
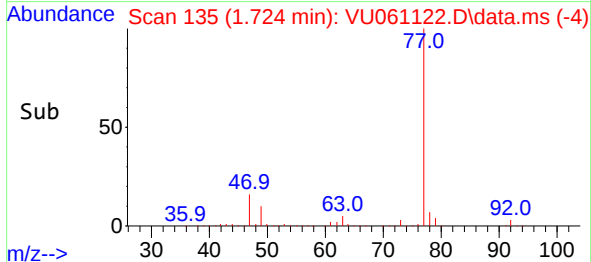
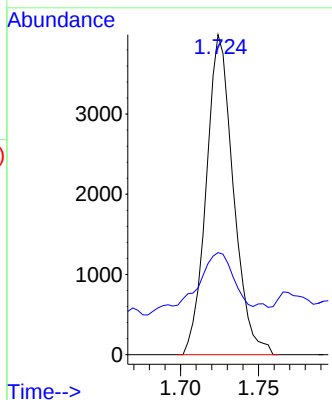
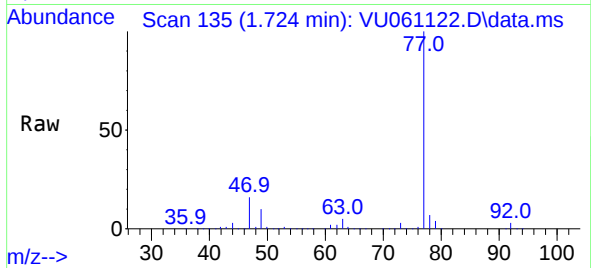




#5
 Vinyl chloride
 Concen: 0.437 ug/L
 RT: 1.724 min Scan# 11
 Delta R.T. 0.122 min
 Lab File: VU061122.D
 Acq: 11 Oct 2024 16:41

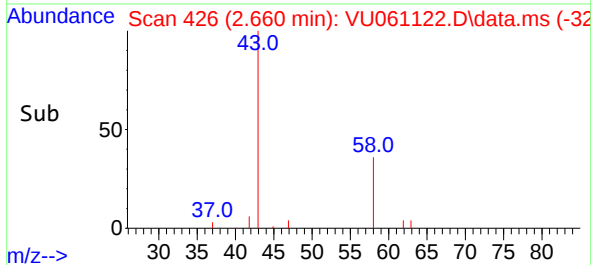
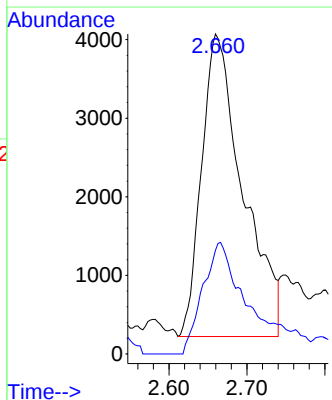
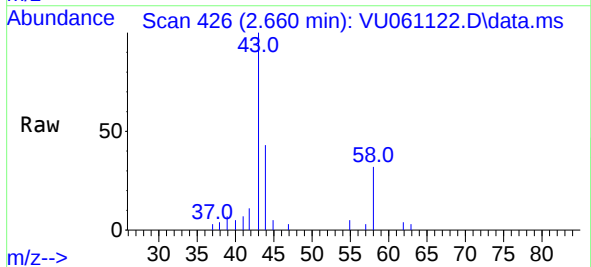
Instrument :
 MSVOA_U
 ClientSampleId :

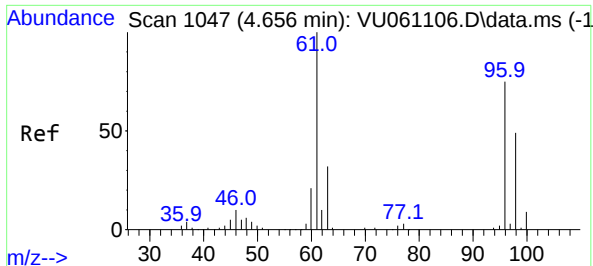
Tgt Ion: 62 Resp: 4825
 Ion Ratio Lower Upper
 62 100
 64 31.9 24.0 44.6



#13
 Acetone
 Concen: 8.217 ug/L
 RT: 2.660 min Scan# 426
 Delta R.T. 0.026 min
 Lab File: VU061122.D
 Acq: 11 Oct 2024 16:41

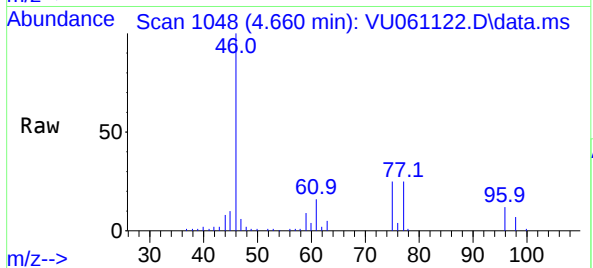
Tgt Ion: 43 Resp: 14134
 Ion Ratio Lower Upper
 43 100
 58 39.9 0.0 69.6





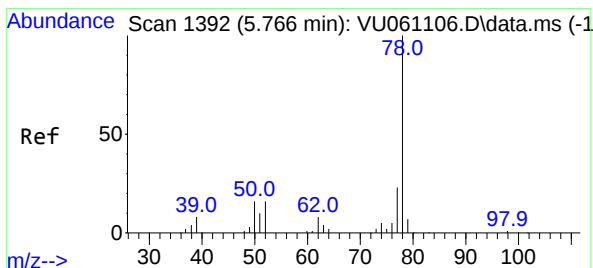
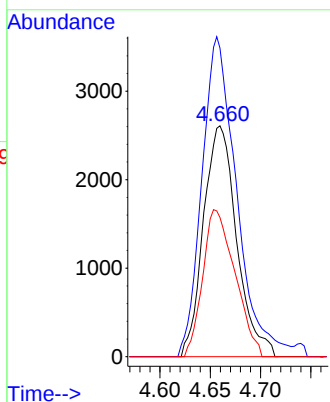
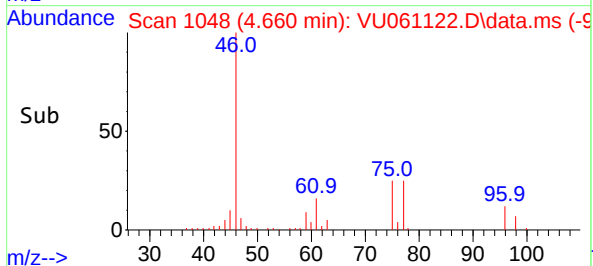
#22
cis-1,2-Dichloroethene
Concen: 0.545 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU061122.D
Acq: 11 Oct 2024 16:41

Instrument :
MSVOA_U
ClientSampleId :



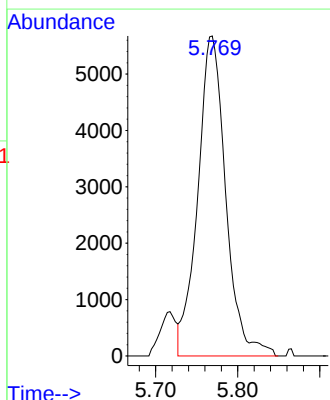
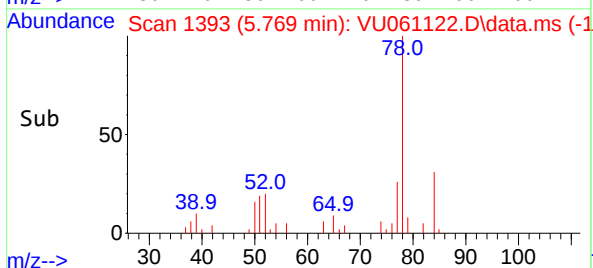
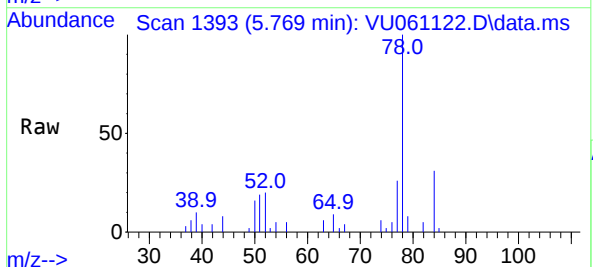
Tgt Ion: 96 Resp: 6002

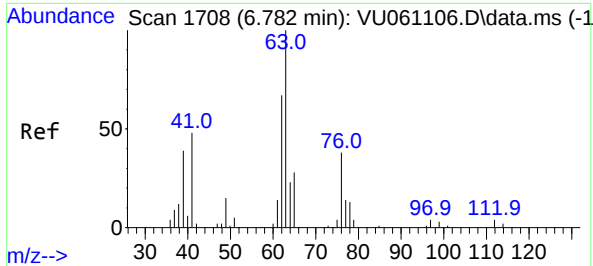
Ion	Ratio	Lower	Upper
96	100		
61	133.6	89.7	166.5
98	60.3	45.1	83.9



#33
Benzene
Concen: 0.323 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.003 min
Lab File: VU061122.D
Acq: 11 Oct 2024 16:41

Tgt Ion: 78 Resp: 13445

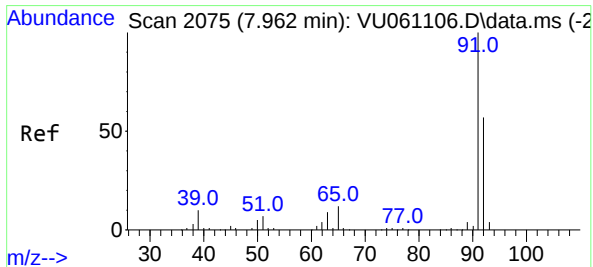
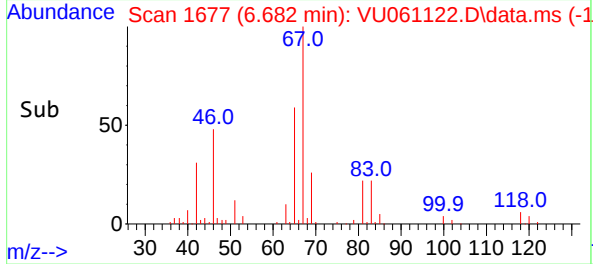
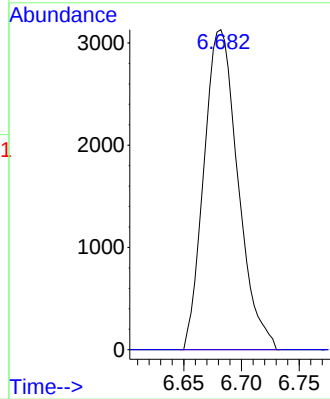
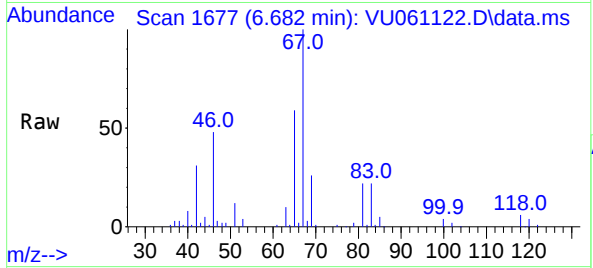




#37
1,2-Dichloropropane
Concen: 0.586 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061122.D
Acq: 11 Oct 2024 16:41

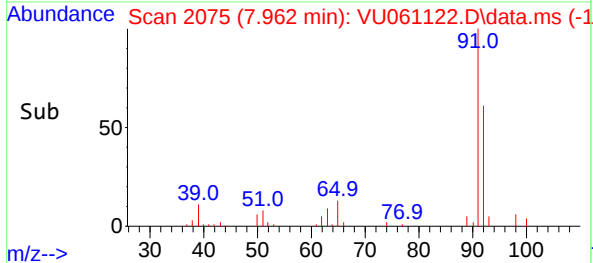
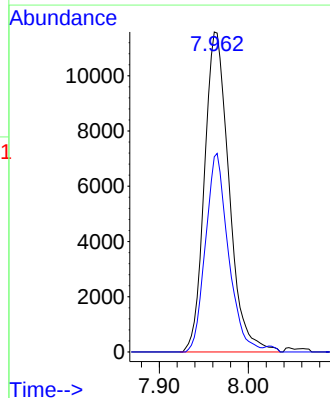
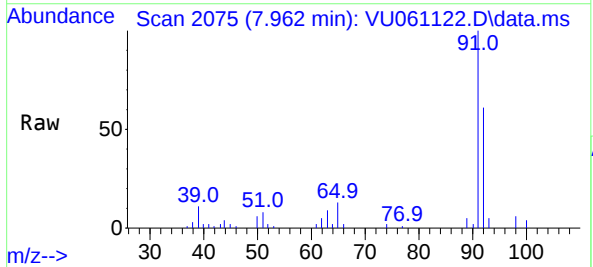
Instrument :
MSVOA_U
ClientSampleId :

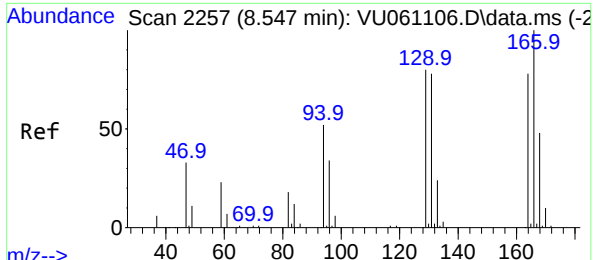
Tgt Ion: 63 Resp: 6430
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#42
Toluene
Concen: 0.500 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU061122.D
Acq: 11 Oct 2024 16:41

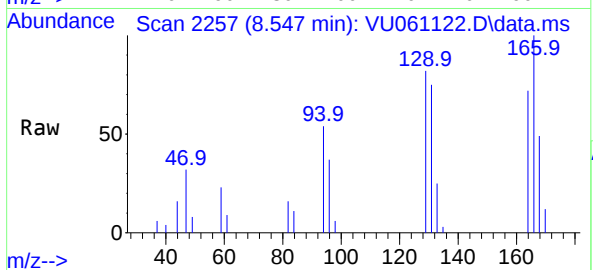
Tgt Ion: 91 Resp: 22190
Ion Ratio Lower Upper
91 100
92 61.0 40.5 75.3



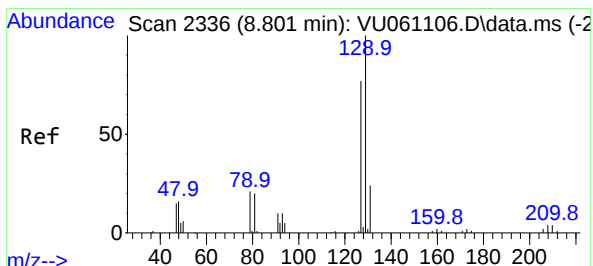
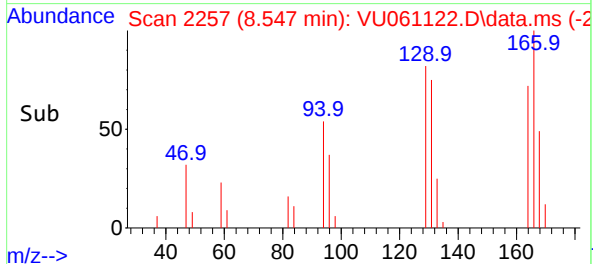
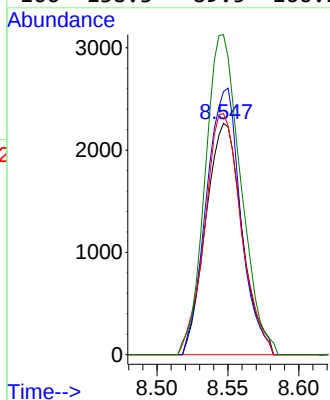


#47
Tetrachloroethene
Concen: 0.548 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU061122.D
Acq: 11 Oct 2024 16:41

Instrument :
MSVOA_U
ClientSampleId :

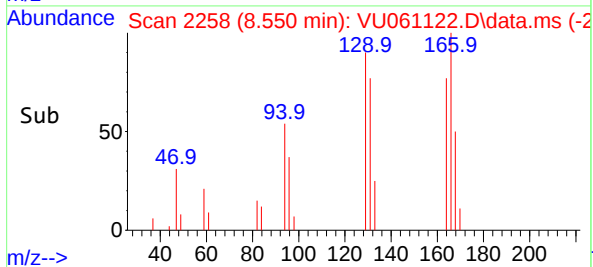
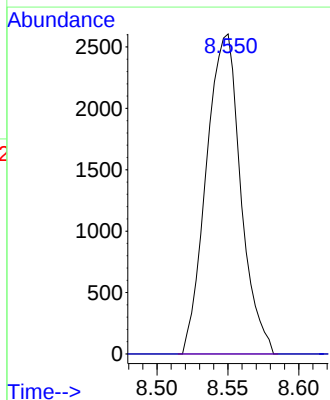
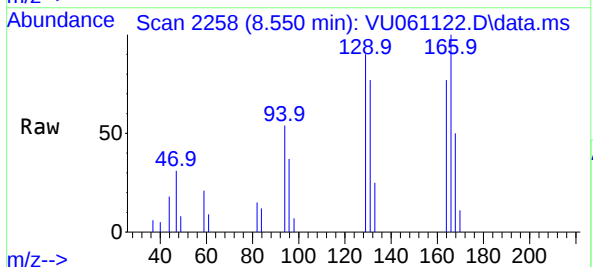


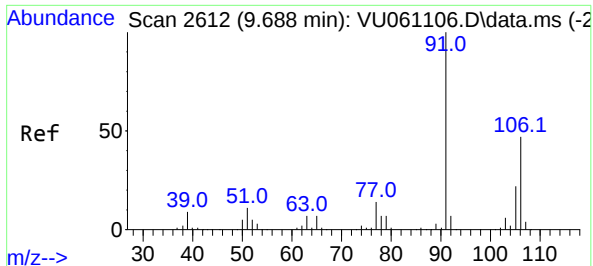
Tgt Ion:164 Resp: 4027
Ion Ratio Lower Upper
164 100
129 113.7 67.3 124.9
131 104.2 65.4 121.4
166 138.3 89.5 166.1



#49
Dibromochloromethane
Concen: 0.521 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.251 min
Lab File: VU061122.D
Acq: 11 Oct 2024 16:41

Tgt Ion:129 Resp: 4404
Ion Ratio Lower Upper
129 100
127 0.0 56.1 104.1#

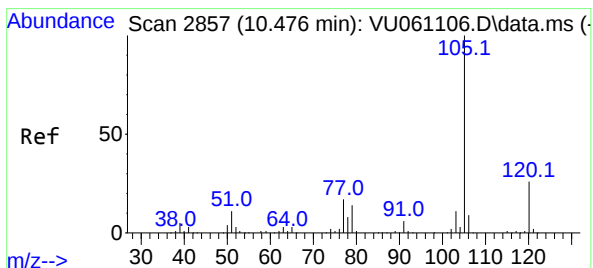
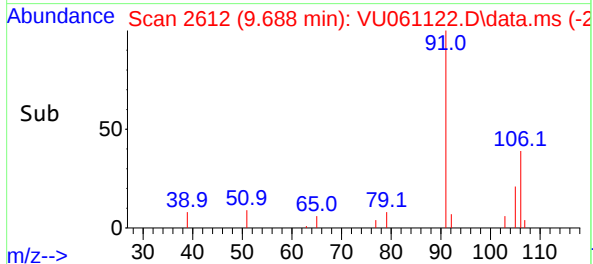
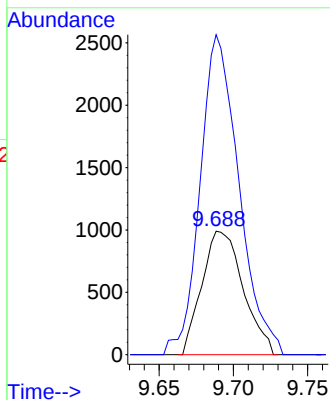
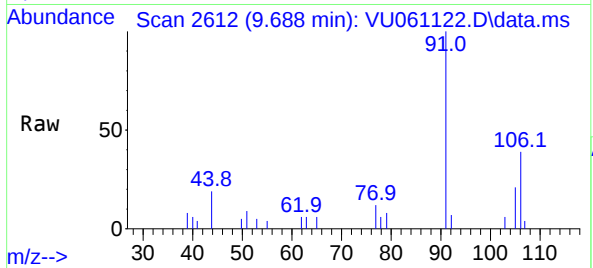




#53
m,p-Xylene
Concen: 0.105 ug/L
RT: 9.688 min Scan# 2109
Delta R.T. -0.000 min
Lab File: VU061122.D
Acq: 11 Oct 2024 16:41

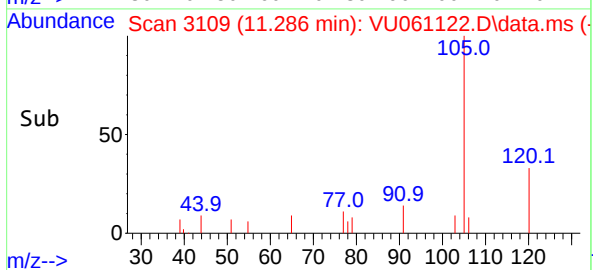
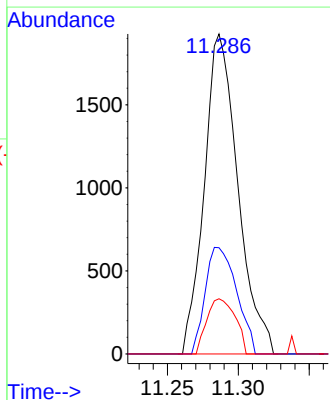
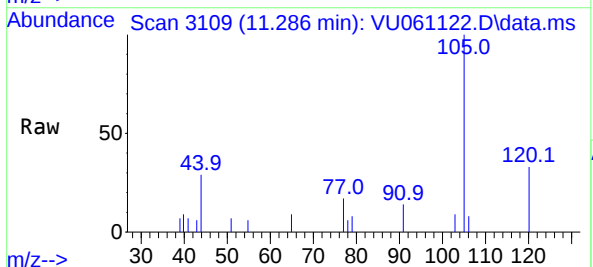
Instrument :
MSVOA_U
ClientSampleId :

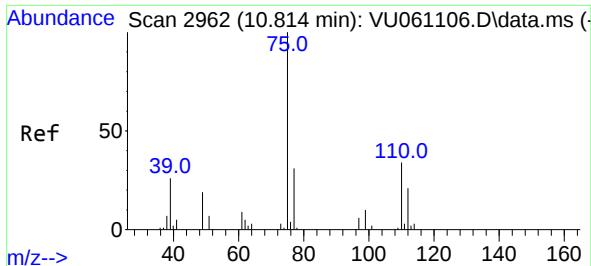
Tgt Ion:106 Resp: 1917
Ion Ratio Lower Upper
106 100
91 259.2 139.7 259.4



#60
Isopropylbenzene
Concen: 0.071 ug/L
RT: 11.286 min Scan# 3109
Delta R.T. 0.810 min
Lab File: VU061122.D
Acq: 11 Oct 2024 16:41

Tgt Ion:105 Resp: 3176
Ion Ratio Lower Upper
105 100
120 31.1 21.5 32.3
77 14.6 12.6 18.8

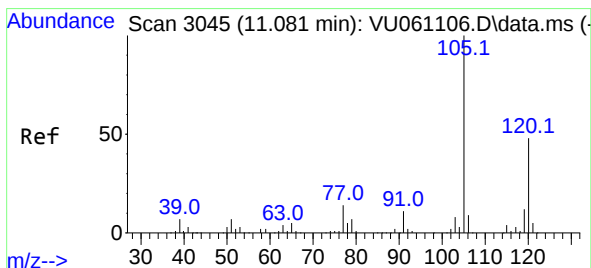
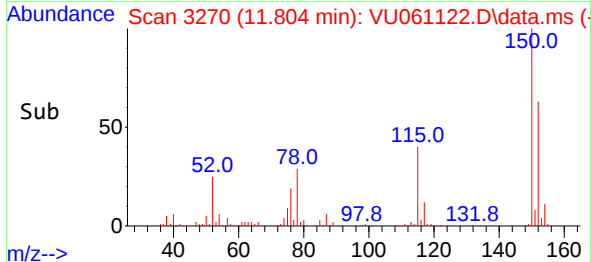
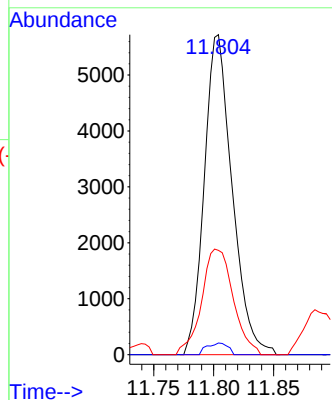
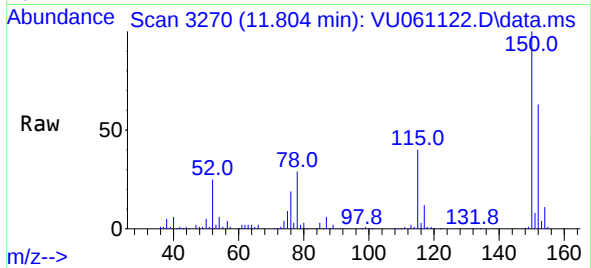




#61
1,2,3-Trichloropropane
Concen: 1.399 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU061122.D
Acq: 11 Oct 2024 16:41

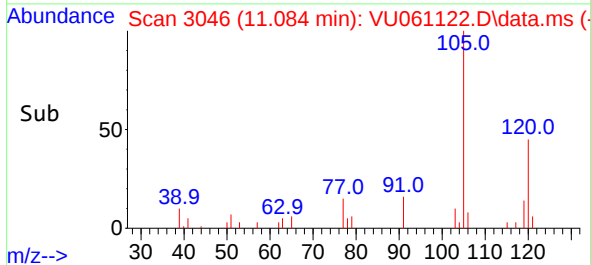
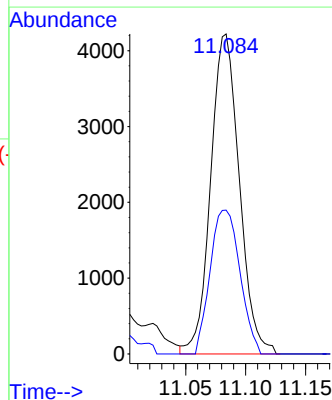
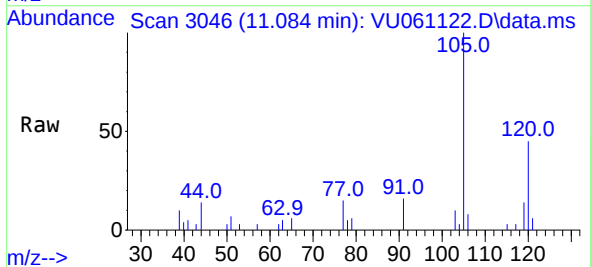
Instrument :
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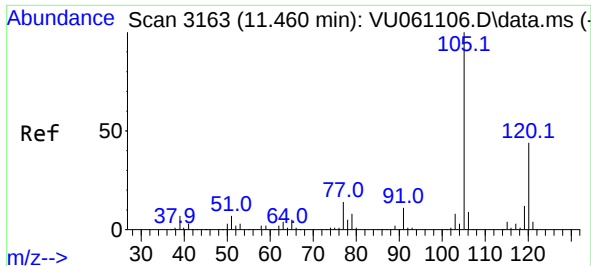
Tgt Ion: 75 Resp: 9250
Ion Ratio Lower Upper
75 100
110 2.7 28.6 43.0#
77 37.3 26.3 39.5



#62
1,3,5-Trimethylbenzene
Concen: 0.177 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU061122.D
Acq: 11 Oct 2024 16:41

Tgt Ion: 105 Resp: 7007
Ion Ratio Lower Upper
105 100
120 46.7 38.5 57.7

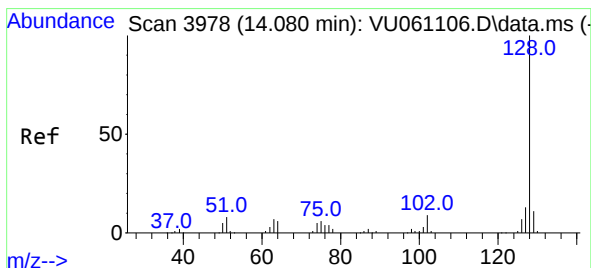
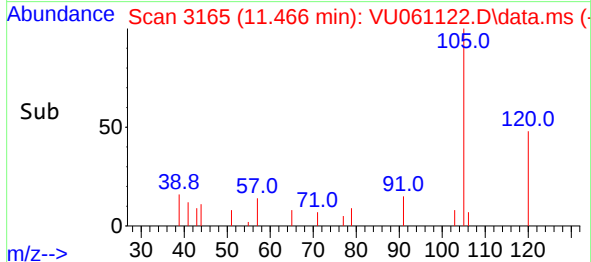
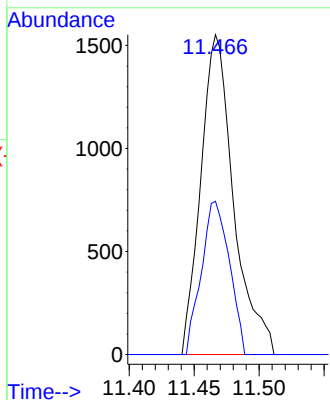
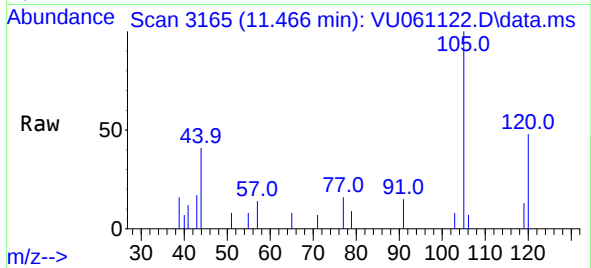




#63
1,2,4-Trimethylbenzene
Concen: 0.068 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VU061122.D
Acq: 11 Oct 2024 16:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 2728
Ion Ratio Lower Upper
105 100
120 40.8 36.1 54.1



#71
Naphthalene
Concen: 2.025 ug/L
RT: 14.084 min Scan# 3979
Delta R.T. -0.000 min
Lab File: VU061122.D
Acq: 11 Oct 2024 16:41

Tgt Ion:128 Resp: 34443
Ion Ratio Lower Upper
128 100
129 10.2 8.3 12.5
127 12.2 10.7 16.1

