

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
 Data File : VU061219.D
 Acq On : 25 Oct 2024 11:54
 Operator : MD/SY
 Sample : P4533-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 26 00:31:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 26 00:29:08 2024
 Response via : Initial Calibration

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

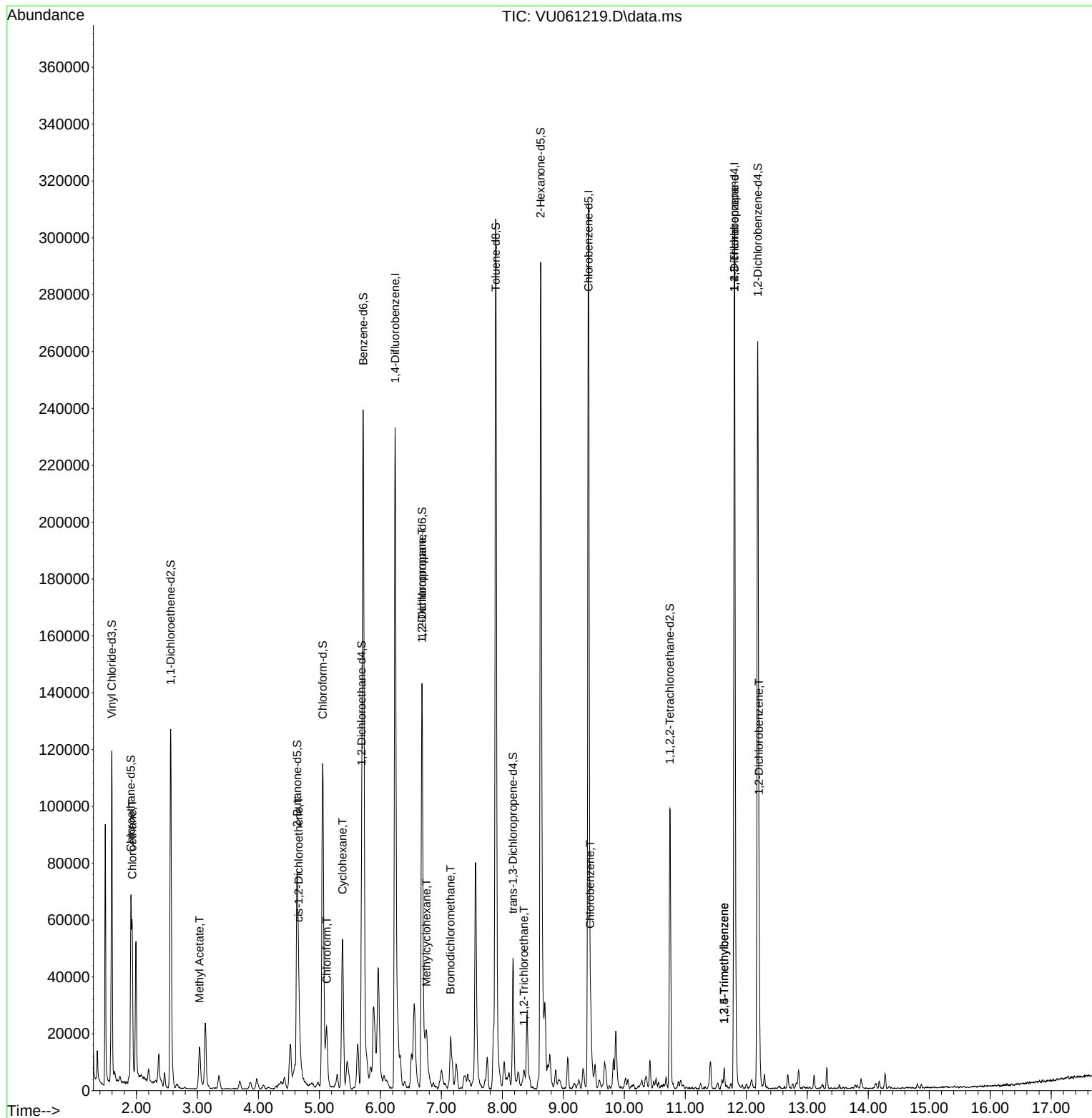
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	197516	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	179396	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81393	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	53079	3.956	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.908	69	46482	3.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.560	65	22797	3.971	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.400%
20) 2-Butanone-d5	4.634	46	122872	45.105	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.220%
24) Chloroform-d	5.052	84	110424	4.336	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.692	65	56759	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.718	84	233579	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.682	67	71020	4.673	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.891	98	215209	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	8.174	79	27699	4.465	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.627	63	112871	44.424	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.840%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50440	4.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	67874	4.709	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
8) Chloroethane	1.930	64	31594	2.811	ug/L	99
15) Methyl Acetate	3.033	43	10694	2.503	ug/L #	47
22) cis-1,2-Dichloroethene	4.660	96	4125	0.280	ug/L	94
25) Chloroform	5.120	83	10804	0.422	ug/L #	21
30) Cyclohexane	5.377	56	27162	1.233	ug/L	99
35) Methylcyclohexane	6.756	83	5138	0.214	ug/L #	50
37) 1,2-Dichloropropane	6.679	63	7552	0.537	ug/L #	94
38) Bromodichloromethane	7.148	83	4159	0.234	ug/L #	26
45) 1,1,2-Trichloroethane	8.354	97	1051	0.104	ug/L #	15
51) Chlorobenzene	9.441	112	6050	0.159	ug/L	88
61) 1,2,3-Trichloropropane	11.804	75	11685	1.441	ug/L #	68
62) 1,3,5-Trimethylbenzene	11.637	105	5129	0.101	ug/L #	39
63) 1,2,4-Trimethylbenzene	11.637	105	5129	0.103	ug/L #	43
67) 1,2-Dichlorobenzene	12.206	146	13968	0.567	ug/L	95

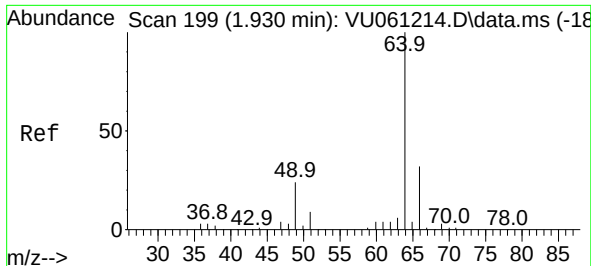
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102524\
Data File : VU061219.D
Acq On : 25 Oct 2024 11:54
Operator : MD/SY
Sample : P4533-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 26 00:31:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 26 00:29:08 2024
Response via : Initial Calibration

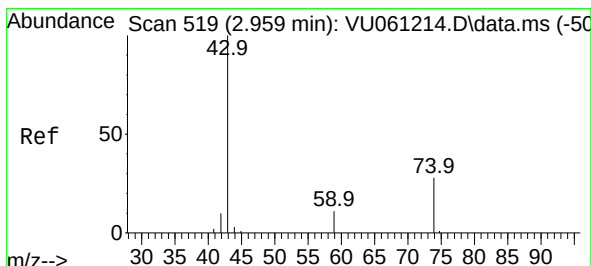
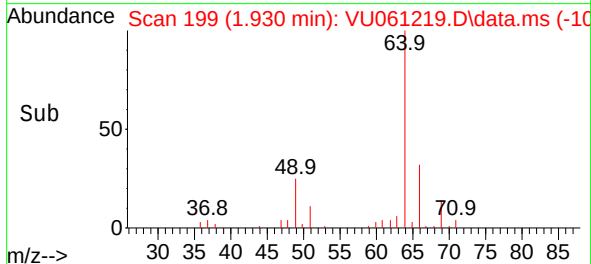
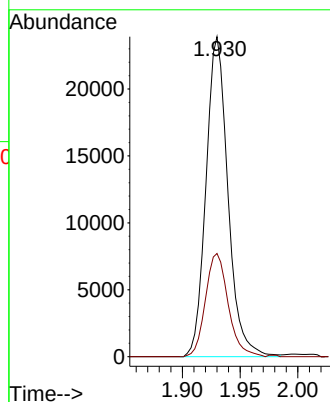
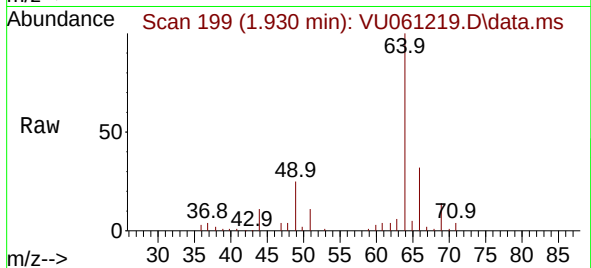




#8
Chloroethane
Concen: 2.811 ug/L
RT: 1.930 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

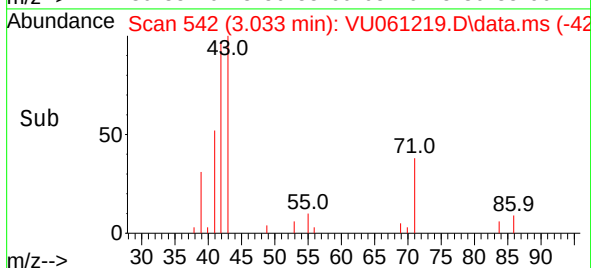
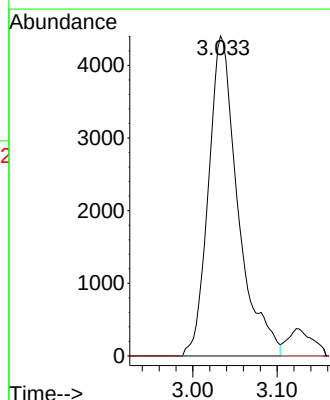
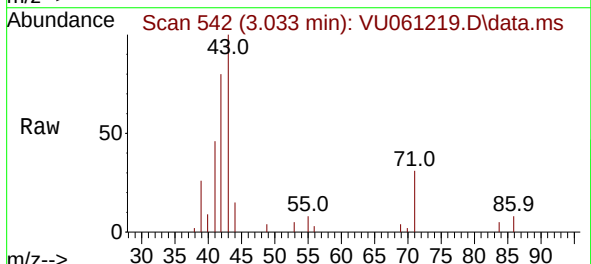
Instrument :
MSVOA_U
ClientSampleId :

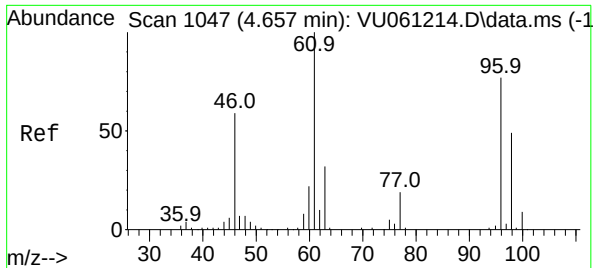
Tgt Ion: 64 Resp: 31594
Ion Ratio Lower Upper
64 100
66 32.3 23.1 42.9



#15
Methyl Acetate
Concen: 2.503 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.074 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

Tgt Ion: 43 Resp: 10694
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.4#

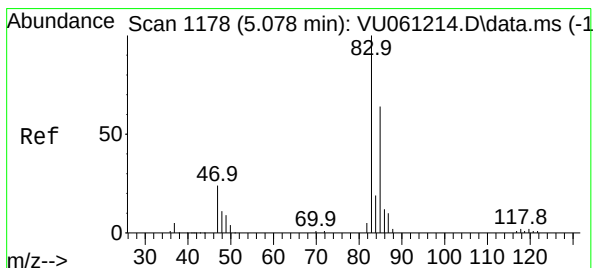
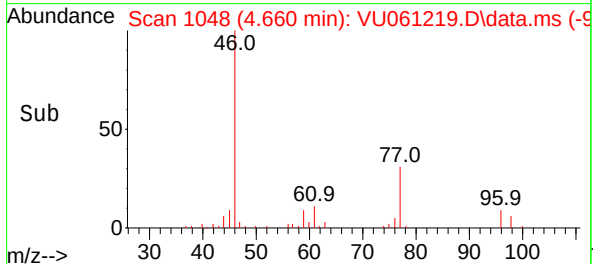
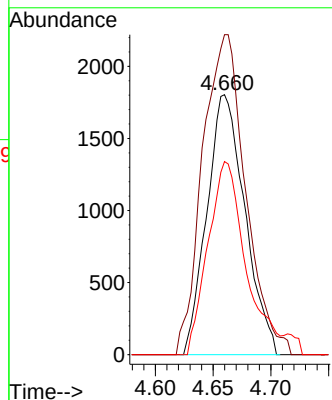
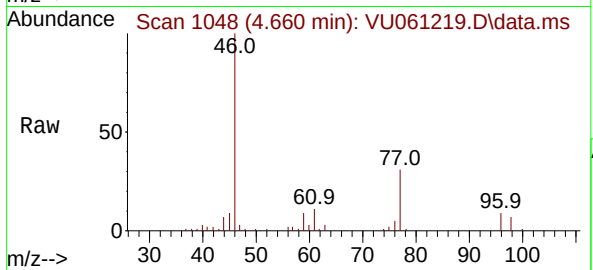




#22
 cis-1,2-Dichloroethene
 Concen: 0.280 ug/L
 RT: 4.660 min Scan# 1191
 Delta R.T. 0.003 min
 Lab File: VU061219.D
 Acq: 25 Oct 2024 11:54

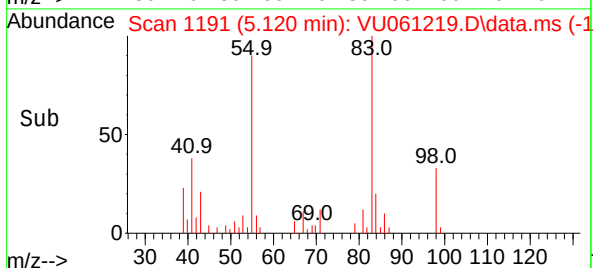
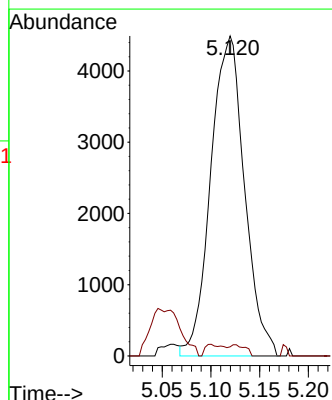
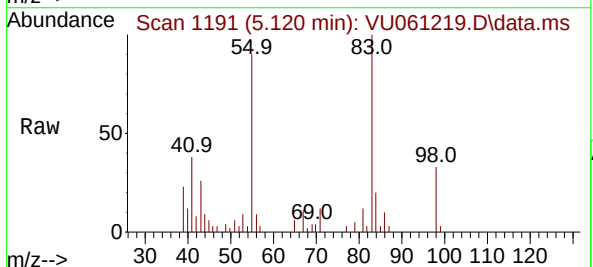
Instrument :
 MSVOA_U
 ClientSampleId :

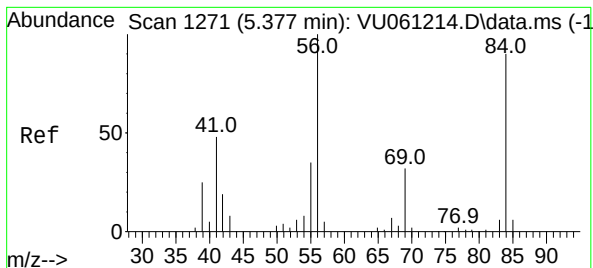
Tgt Ion: 96 Resp: 4125
 Ion Ratio Lower Upper
 96 100
 61 123.1 88.1 163.5
 98 74.3 45.0 83.6



#25
 Chloroform
 Concen: 0.422 ug/L
 RT: 5.120 min Scan# 1191
 Delta R.T. 0.042 min
 Lab File: VU061219.D
 Acq: 25 Oct 2024 11:54

Tgt Ion: 83 Resp: 10804
 Ion Ratio Lower Upper
 83 100
 85 2.8 45.6 84.6#





#30

Cyclohexane

Concen: 1.233 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VU061219.D

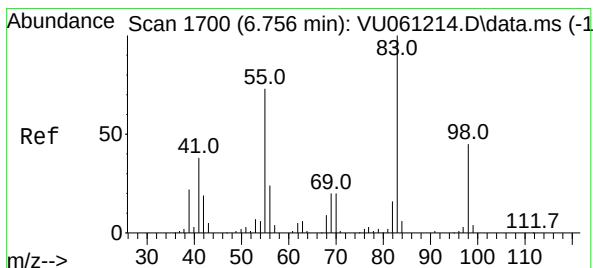
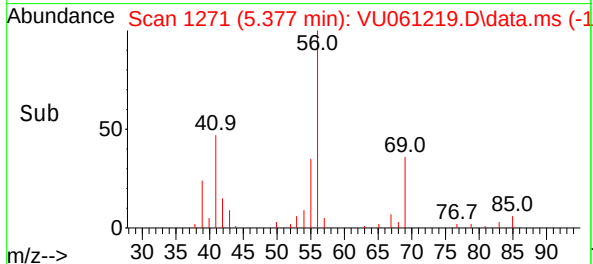
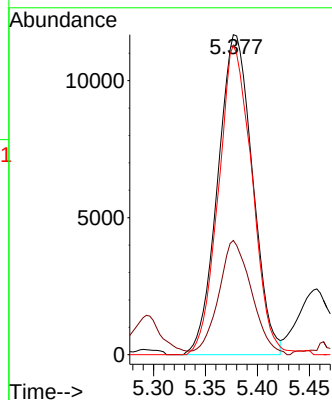
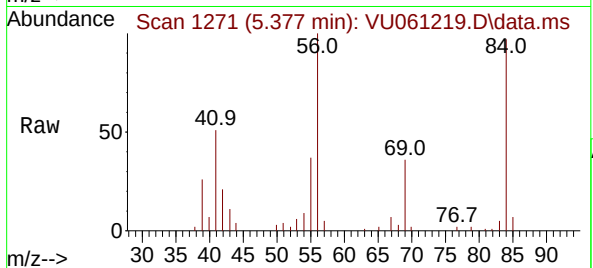
Acq: 25 Oct 2024 11:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	56	Resp:	27162
Ion Ratio	Lower	Upper	
56	100		
69	33.8	25.8	38.6
84	93.0	73.9	110.9



#35

Methylcyclohexane

Concen: 0.214 ug/L

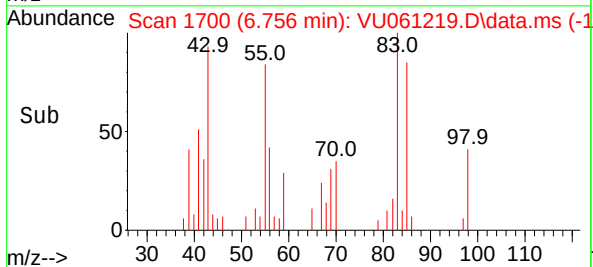
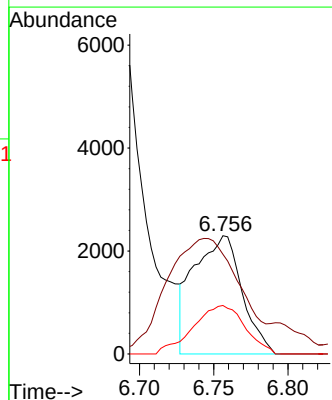
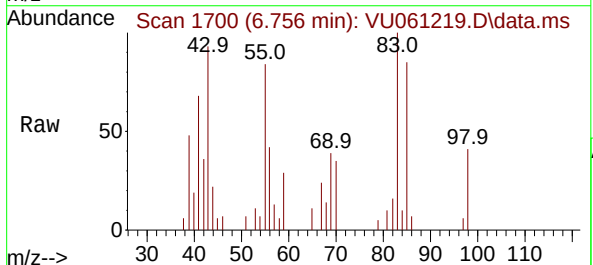
RT: 6.756 min Scan# 1700

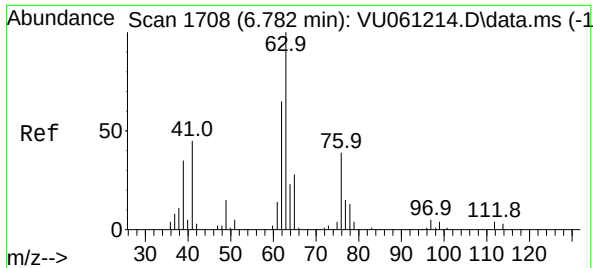
Delta R.T. -0.000 min

Lab File: VU061219.D

Acq: 25 Oct 2024 11:54

Tgt Ion:	83	Resp:	5138
Ion Ratio	Lower	Upper	
83	100		
55	136.6	55.9	83.9#
98	44.6	35.9	53.9

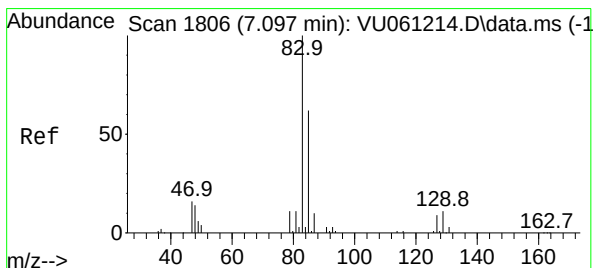
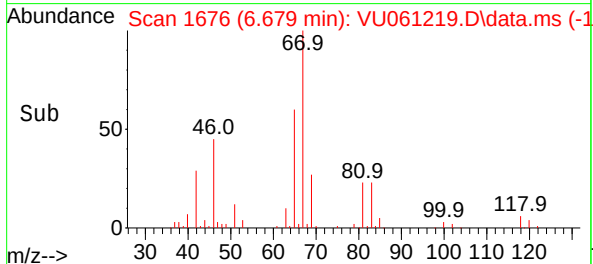
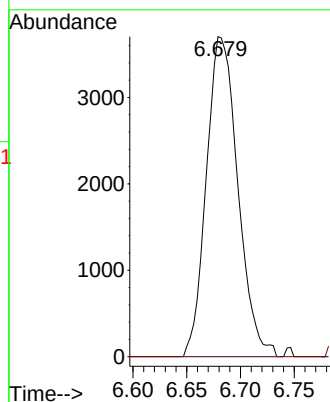
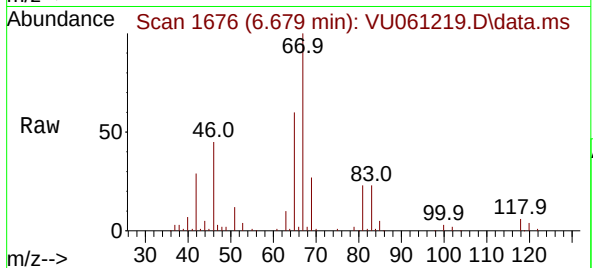




#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.679 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

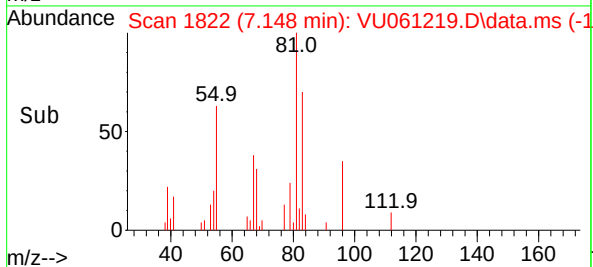
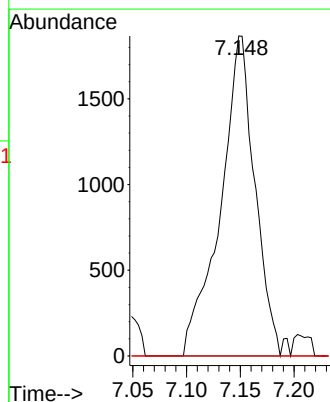
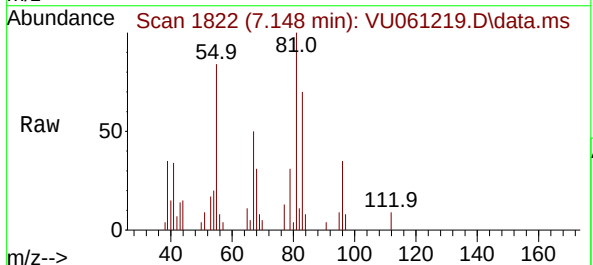
Instrument :
MSVOA_U
ClientSampleId :

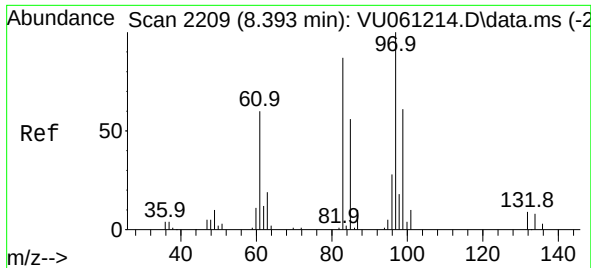
Tgt Ion: 63 Resp: 7552
Ion Ratio Lower Upper
63 100
112 1.7 3.0 4.4#



#38
Bromodichloromethane
Concen: 0.234 ug/L
RT: 7.148 min Scan# 1822
Delta R.T. 0.051 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

Tgt Ion: 83 Resp: 4159
Ion Ratio Lower Upper
83 100
85 0.0 43.8 81.4#
127 0.0 7.4 11.0#

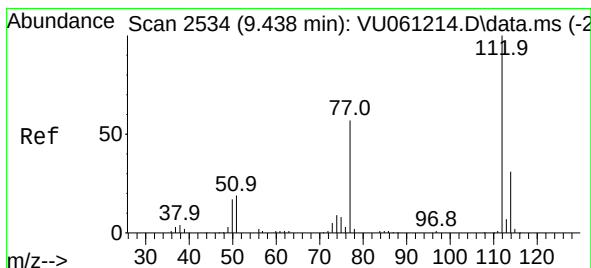
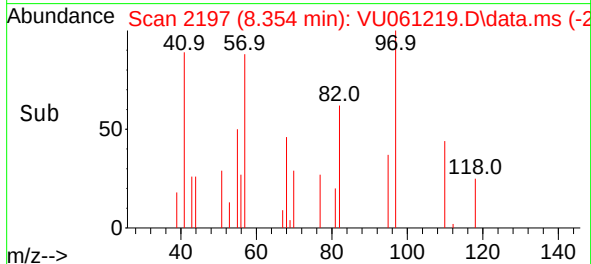
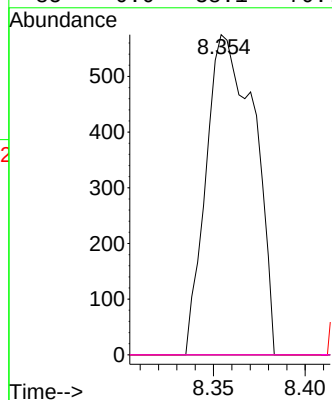
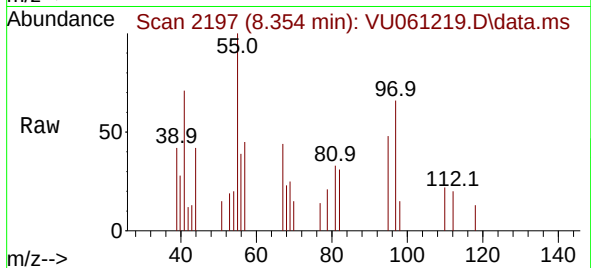




#45
1,1,2-Trichloroethane
Concen: 0.104 ug/L
RT: 8.354 min Scan# 2197
Delta R.T. -0.039 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

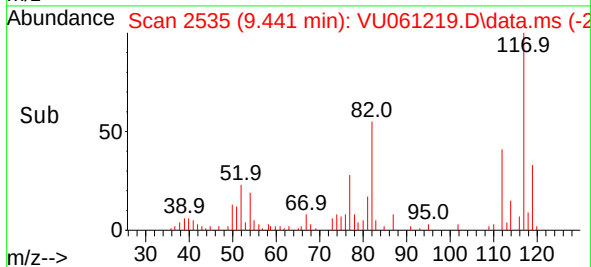
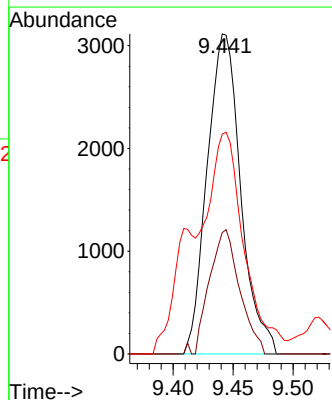
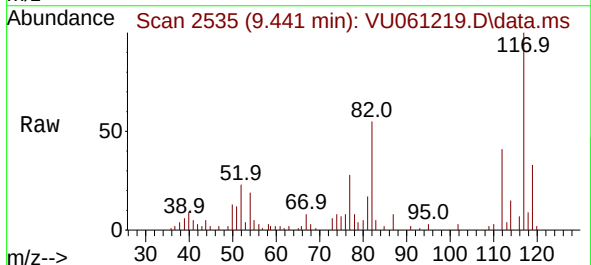
Instrument :
MSVOA_U
ClientSampleId :

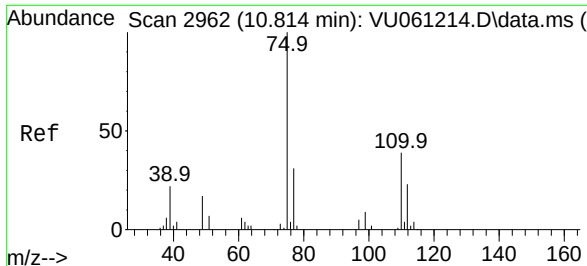
Tgt Ion:	97	Resp:	1051
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.1	81.9#
83	0.0	61.2	113.6#
85	0.0	38.1	70.7#



#51
Chlorobenzene
Concen: 0.159 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

Tgt Ion:	112	Resp:	6050
Ion	Ratio	Lower	Upper
112	100		
114	38.0	22.9	42.5
77	68.7	47.1	70.7

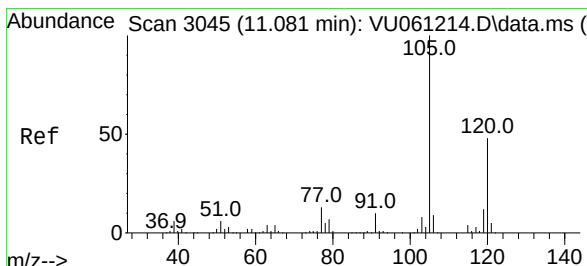
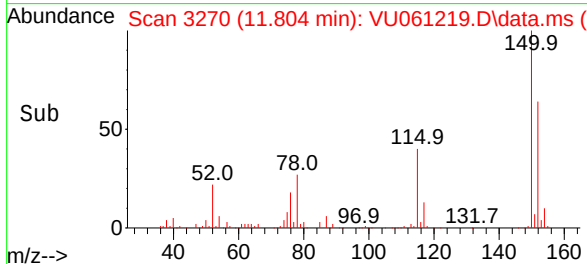
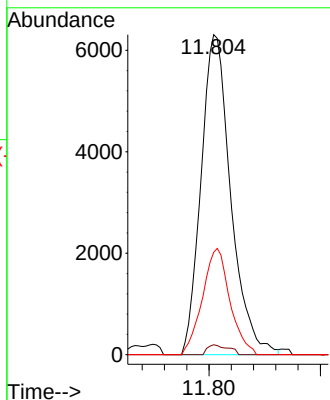
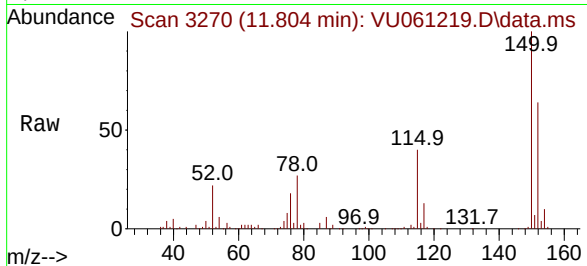




#61
1,2,3-Trichloropropane
Concen: 1.441 ug/L
RT: 11.804 min Scan# 3118
Delta R.T. 0.990 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

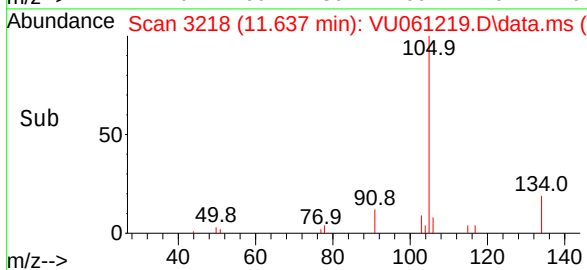
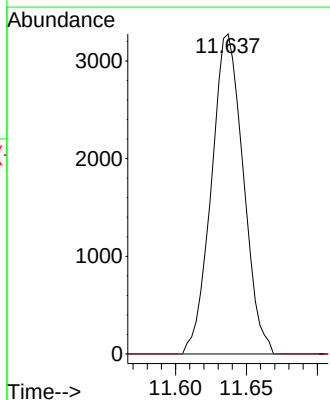
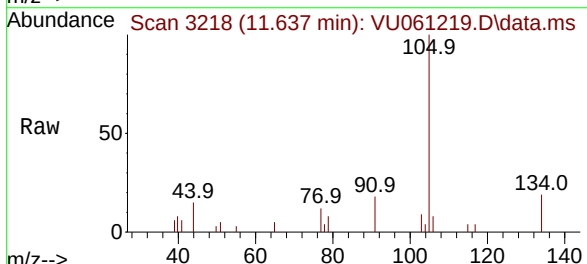
Instrument :
MSVOA_U
ClientSampleId :

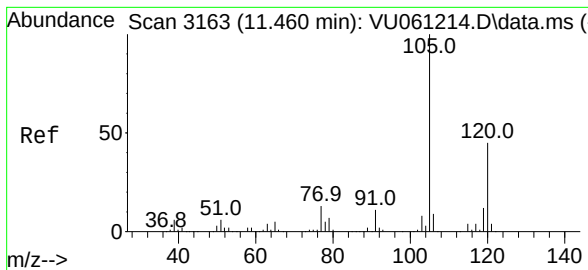
Tgt Ion: 75 Resp: 11685
Ion Ratio Lower Upper
75 100
110 2.2 28.8 43.2#
77 30.7 25.7 38.5



#62
1,3,5-Trimethylbenzene
Concen: 0.101 ug/L
RT: 11.637 min Scan# 3218
Delta R.T. 0.556 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

Tgt Ion:105 Resp: 5129
Ion Ratio Lower Upper
105 100
120 7.3 38.7 58.1#

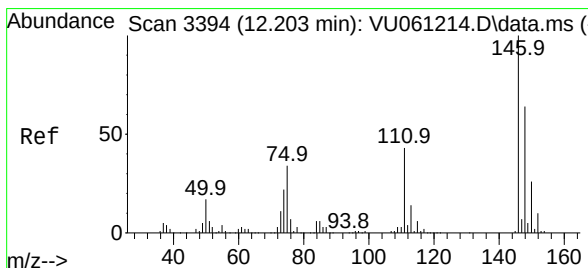
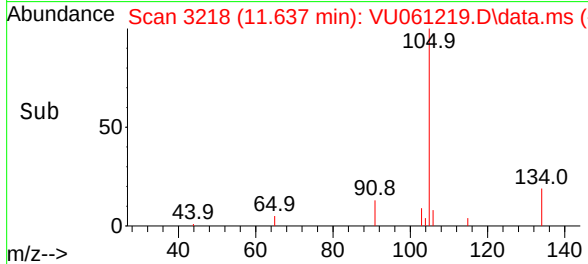
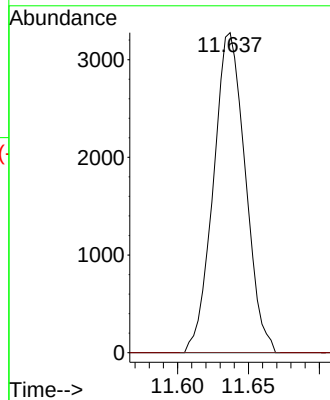
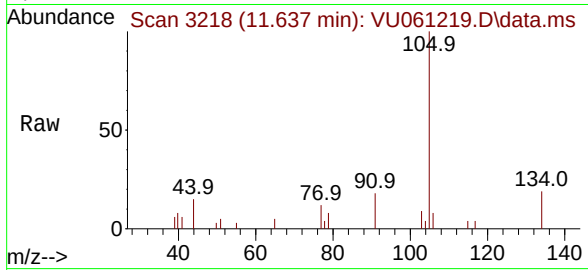




#63
1,2,4-Trimethylbenzene
Concen: 0.103 ug/L
RT: 11.637 min Scan# 3163
Delta R.T. 0.177 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 5129
Ion Ratio Lower Upper
105 100
120 7.3 35.4 53.0#



#67
1,2-Dichlorobenzene
Concen: 0.567 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU061219.D
Acq: 25 Oct 2024 11:54

Tgt Ion:146 Resp: 13968
Ion Ratio Lower Upper
146 100
111 48.9 35.2 52.8
148 61.8 51.3 76.9

