

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061927.D
 Acq On : 21 Nov 2024 19:05
 Operator : MD/SY
 Sample : P4903-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:11:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	158844	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	135347	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	55138	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49102	6.302	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.000%
7) Chloroethane-d5	1.907	69	39044	5.665	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.200%
11) 1,1-Dichloroethene-d2	2.560	65	21546	6.922	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	138.400%#
20) 2-Butanone-d5	4.611	46	104903	42.875	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.740%
24) Chloroform-d	5.052	84	96108	5.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.692	65	50741	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.717	84	186303	7.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	141.200%#
36) 1,2-Dichloropropane-d6	6.682	67	59873	6.682	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	133.600%
41) Toluene-d8	7.891	98	176070	8.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	160.200%#
43) trans-1,3-Dichloroprop...	8.174	79	21777	6.565	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	131.200%#
46) 2-Hexanone-d5	8.624	63	73407	48.483	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.960%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	37751	4.216	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	44791	5.494	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%

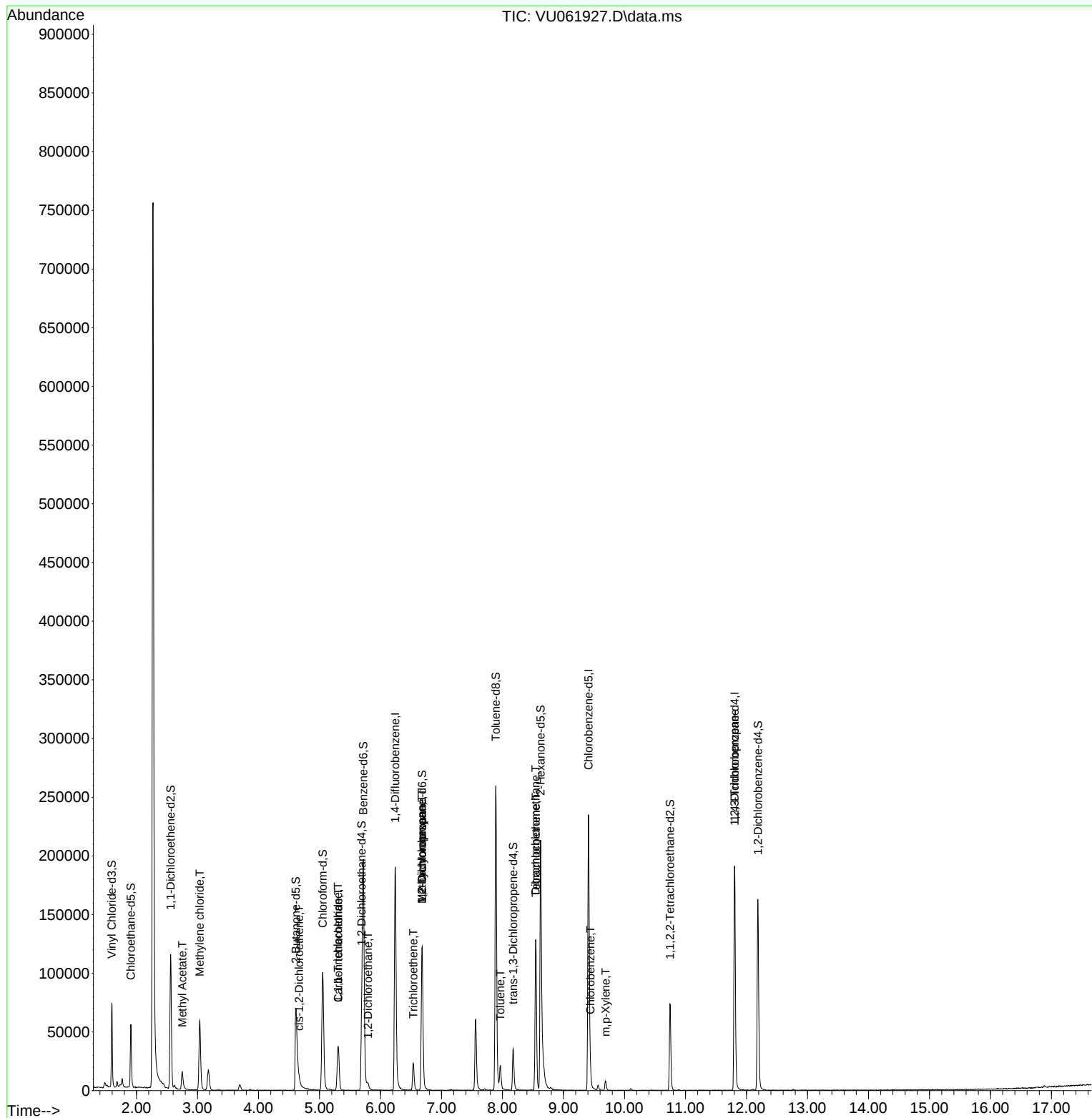
Target Compounds				Qvalue		
15) Methyl Acetate	2.750	43	4582	1.056	ug/L #	51
16) Methylene chloride	3.036	84	29791	2.329	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	1950	0.154	ug/L	88
27) 1,2-Dichloroethane	5.795	62	3001	0.203	ug/L #	75
29) 1,1,1-Trichloroethane	5.306	97	28118	1.802	ug/L	99
31) Carbon tetrachloride	5.309	117	3600	0.272	ug/L	96
34) Trichloroethene	6.537	95	8500	0.779	ug/L	97
35) Methylcyclohexane	6.679	83	13781	0.826	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	6621	0.623	ug/L #	87
42) Toluene	7.965	91	15649	0.365	ug/L	98
47) Tetrachloroethene	8.547	164	29100	3.668	ug/L	95
49) Dibromochloromethane	8.544	129	29392	3.556	ug/L #	13
51) Chlorobenzene	9.441	112	6056	0.206	ug/L	97
53) m,p-Xylene	9.692	106	2626	0.145	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	6657	1.044	ug/L #	69

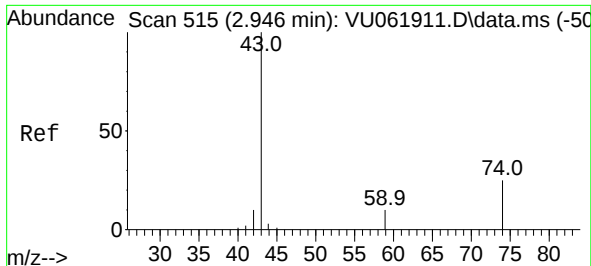
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 1.056 ug/L

RT: 2.750 min Scan# 454

Delta R.T. -0.196 min

Lab File: VU061927.D

Acq: 21 Nov 2024 19:05

Instrument :

MSVOA_U

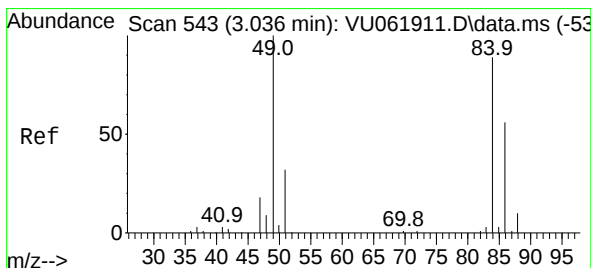
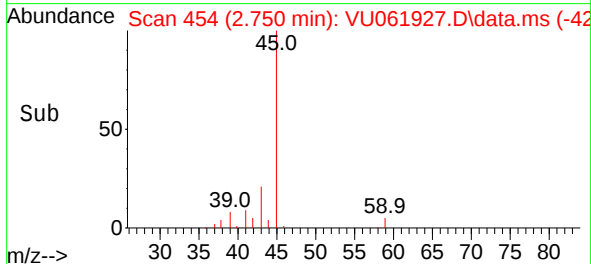
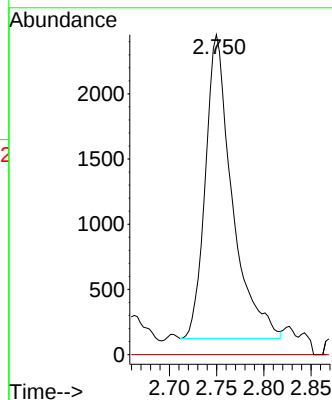
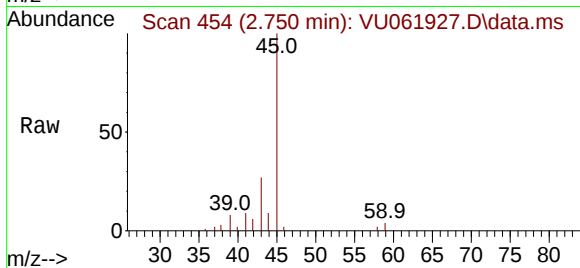
ClientSampleId :

Tgt Ion: 43 Resp: 4582

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#16

Methylene chloride

Concen: 2.329 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU061927.D

Acq: 21 Nov 2024 19:05

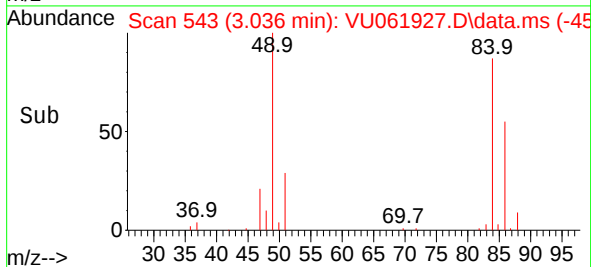
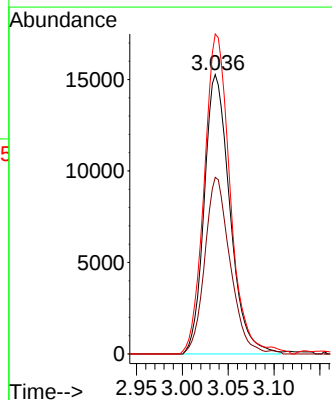
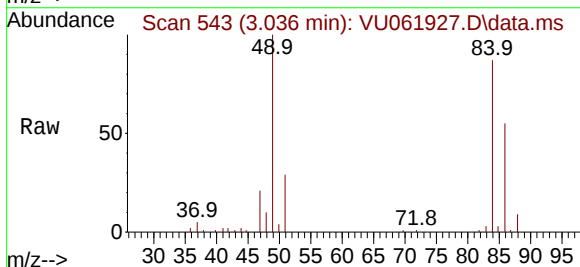
Tgt Ion: 84 Resp: 29791

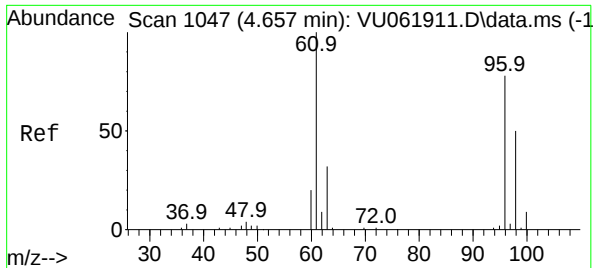
Ion Ratio Lower Upper

84 100

86 63.2 43.5 80.7

49 114.5 81.9 152.1

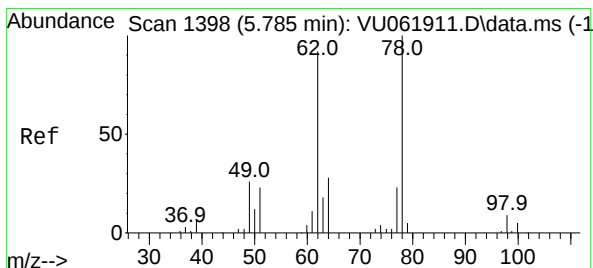
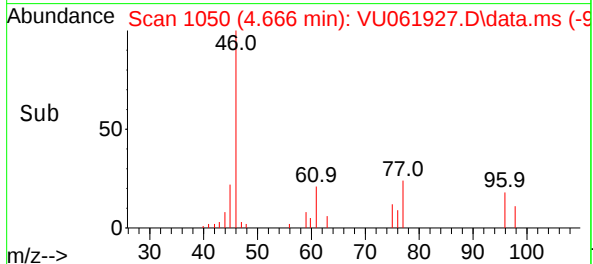
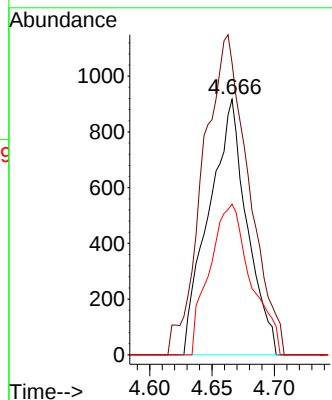
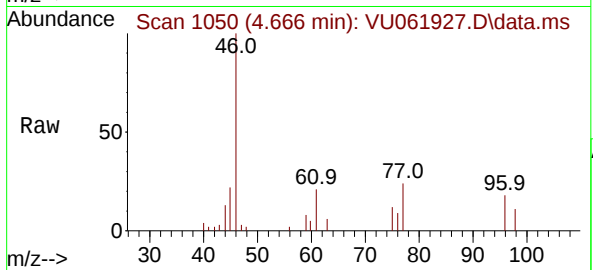




#22
cis-1,2-Dichloroethene
Concen: 0.154 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.010 min
Lab File: VU061927.D
Acq: 21 Nov 2024 19:05

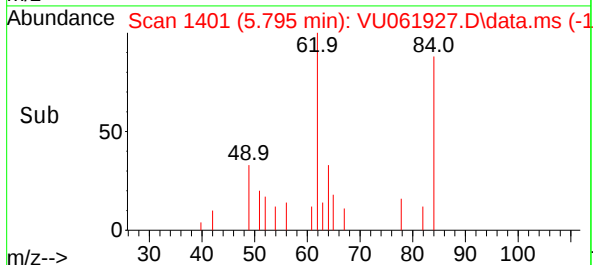
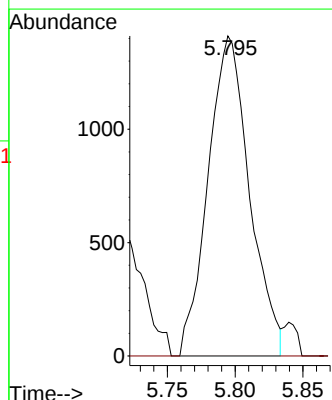
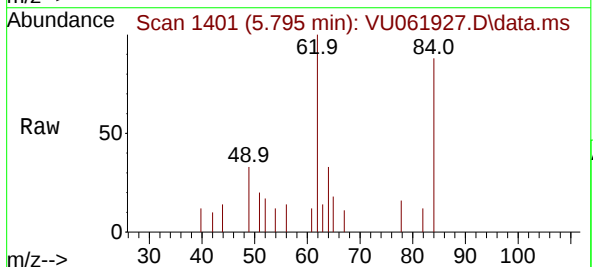
Instrument :
MSVOA_U
ClientSampleId :

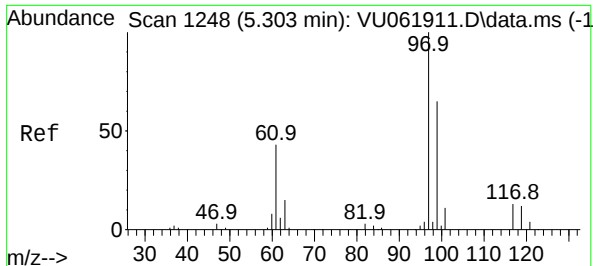
Tgt Ion: 96 Resp: 1950
Ion Ratio Lower Upper
96 100
61 114.3 92.0 170.8
98 59.0 44.5 82.7



#27
1,2-Dichloroethane
Concen: 0.203 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU061927.D
Acq: 21 Nov 2024 19:05

Tgt Ion: 62 Resp: 3001
Ion Ratio Lower Upper
62 100
98 0.0 7.4 11.0#

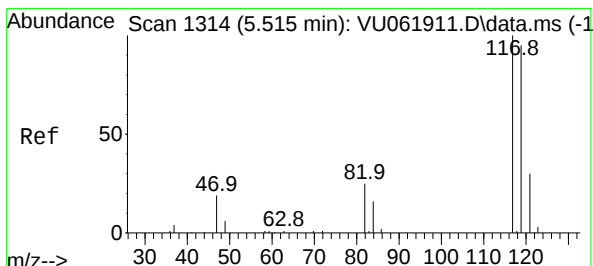
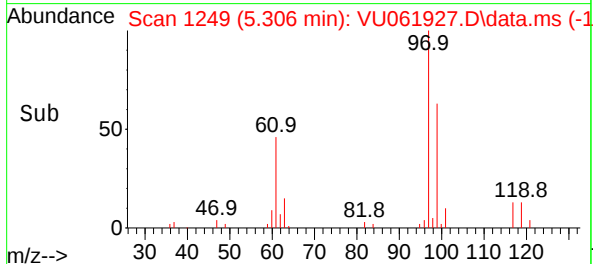
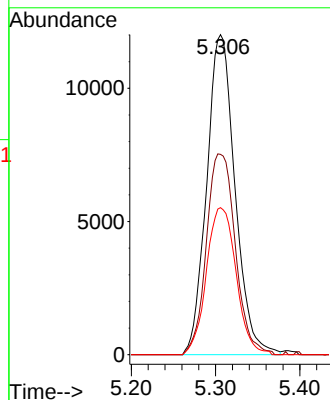
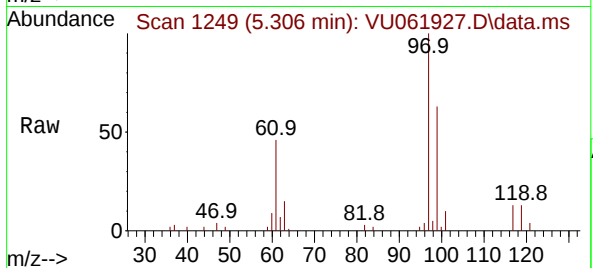




#29
1,1,1-Trichloroethane
Concen: 1.802 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VU061927.D
Acq: 21 Nov 2024 19:05

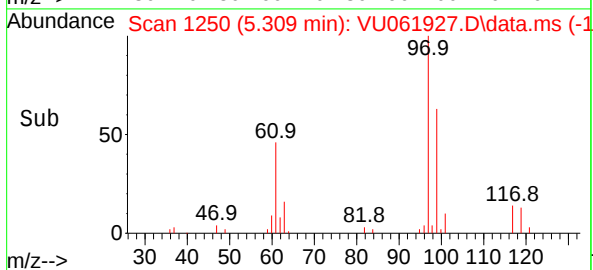
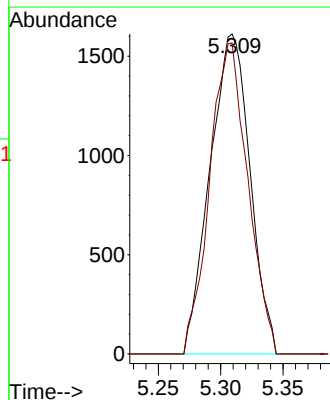
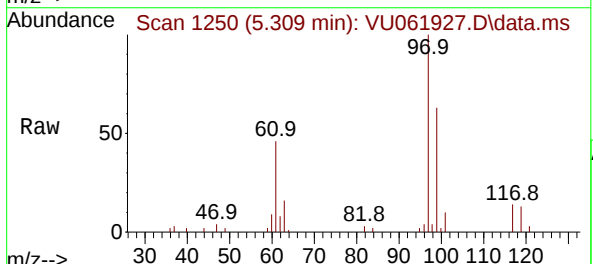
Instrument :
MSVOA_U
ClientSampleId :

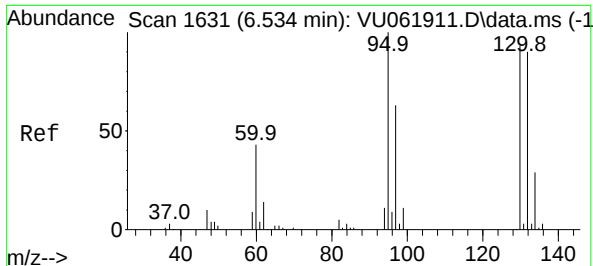
Tgt Ion: 97 Resp: 28118
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 48.1 37.8 56.6



#31
Carbon tetrachloride
Concen: 0.272 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.206 min
Lab File: VU061927.D
Acq: 21 Nov 2024 19:05

Tgt Ion:117 Resp: 3600
Ion Ratio Lower Upper
117 100
119 92.6 77.5 116.3





#34

Trichloroethene

Concen: 0.779 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061927.D

Acq: 21 Nov 2024 19:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 8500

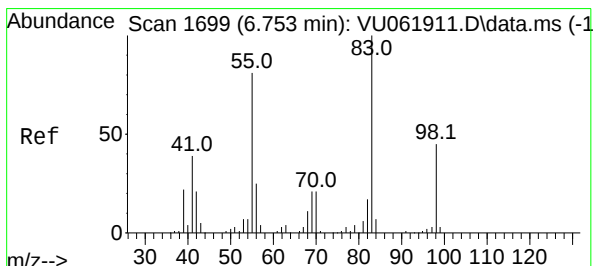
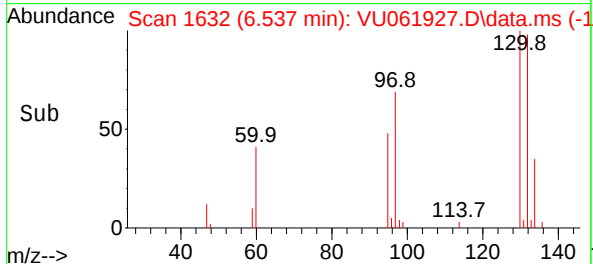
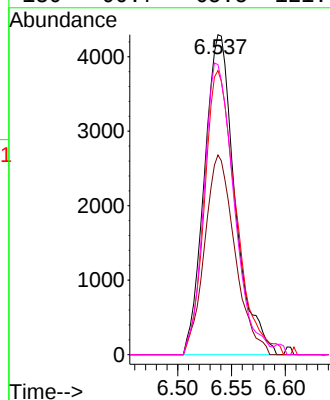
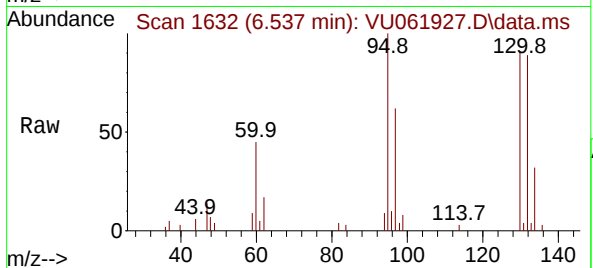
Ion Ratio Lower Upper

95 100

97 62.4 45.9 85.3

132 88.8 63.8 118.4

130 90.7 65.5 121.7



#35

Methylcyclohexane

Concen: 0.826 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU061927.D

Acq: 21 Nov 2024 19:05

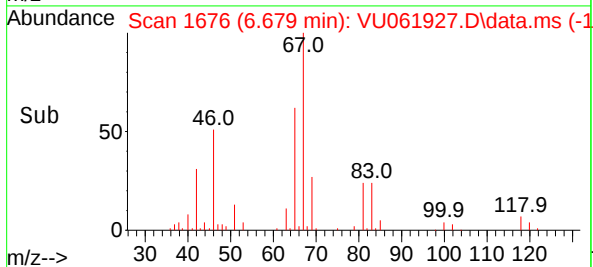
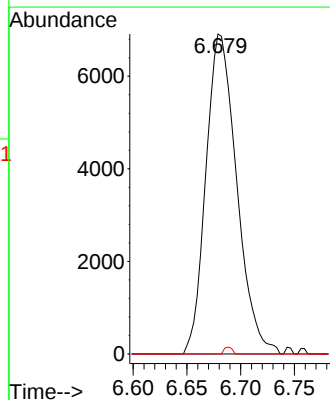
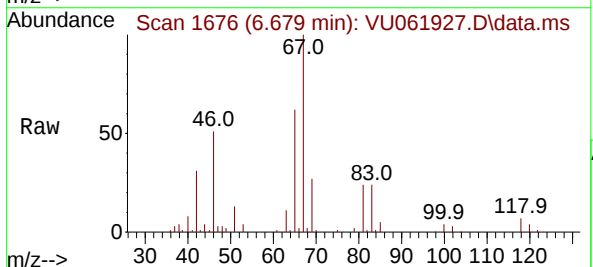
Tgt Ion: 83 Resp: 13781

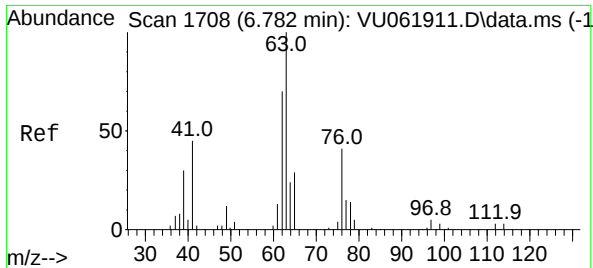
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.6 34.8 52.2#

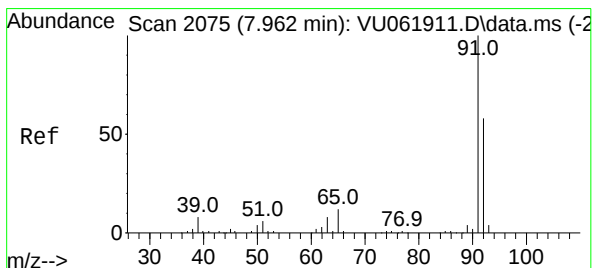
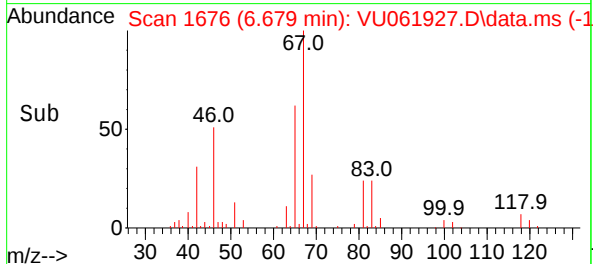
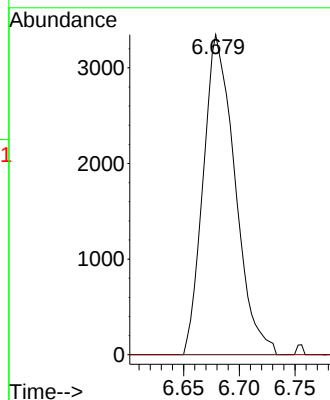
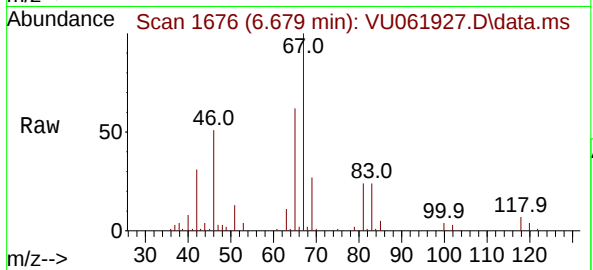




#37
1,2-Dichloropropane
Concen: 0.623 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061927.D
Acq: 21 Nov 2024 19:05

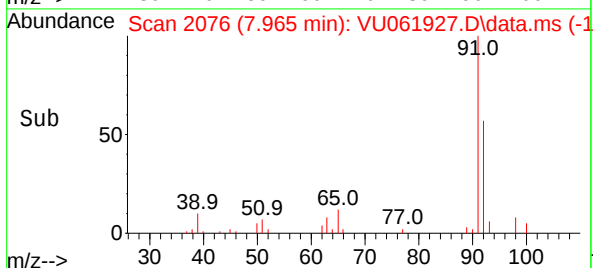
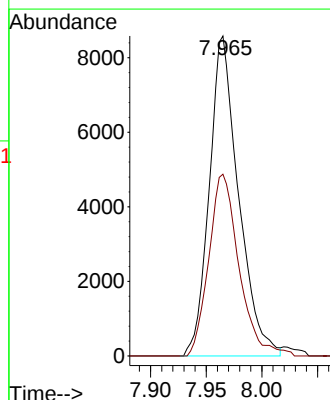
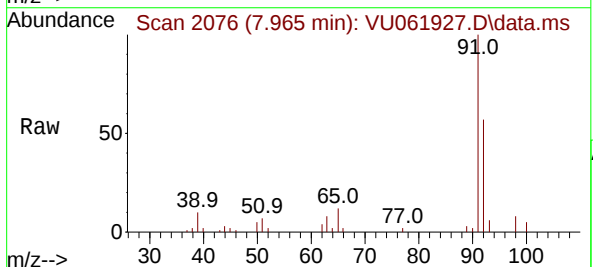
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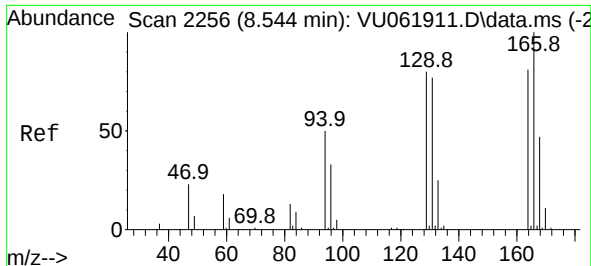
Tgt Ion: 63 Resp: 6621
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.365 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061927.D
Acq: 21 Nov 2024 19:05

Tgt Ion: 91 Resp: 15649
Ion Ratio Lower Upper
91 100
92 56.8 39.0 72.4

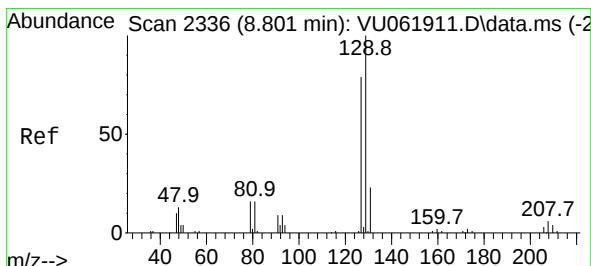
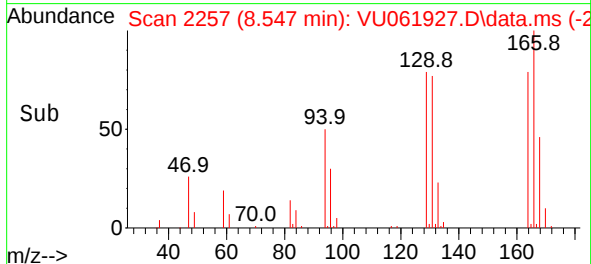
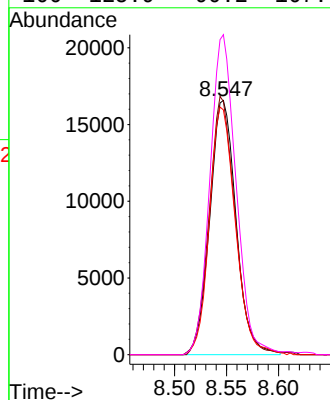
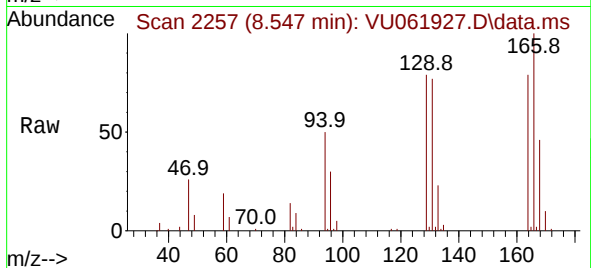




#47
Tetrachloroethene
Concen: 3.668 ug/L
RT: 8.547 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU061927.D
Acq: 21 Nov 2024 19:05

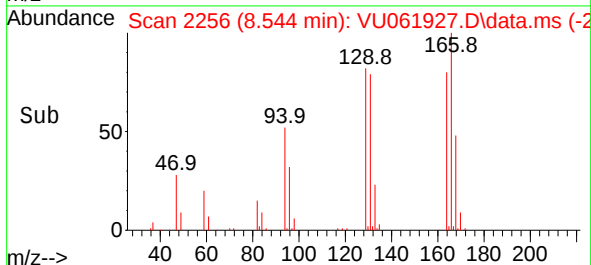
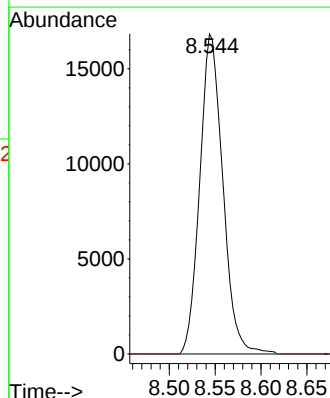
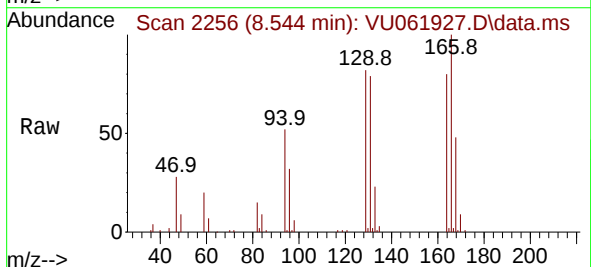
Instrument :
MSVOA_U
ClientSampleId :

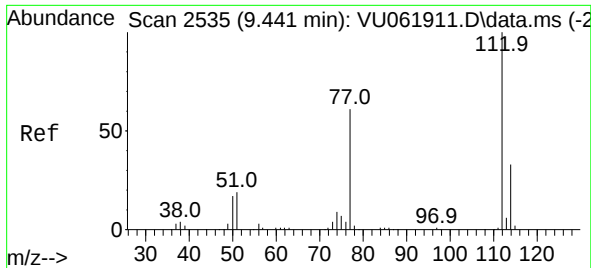
Tgt Ion:164 Resp: 29100
Ion Ratio Lower Upper
164 100
129 99.7 73.2 136.0
131 96.3 72.3 134.3
166 125.9 90.2 167.4



#49
Dibromochloromethane
Concen: 3.556 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.257 min
Lab File: VU061927.D
Acq: 21 Nov 2024 19:05

Tgt Ion:129 Resp: 29392
Ion Ratio Lower Upper
129 100
127 0.0 51.1 94.9#





#51

Chlorobenzene

Concen: 0.206 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU061927.D

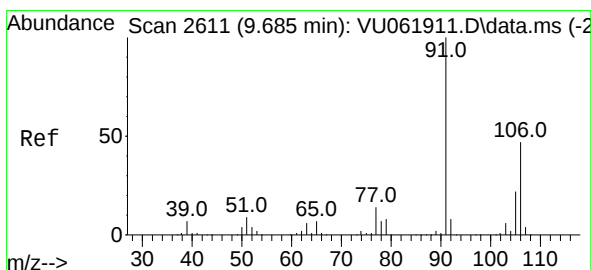
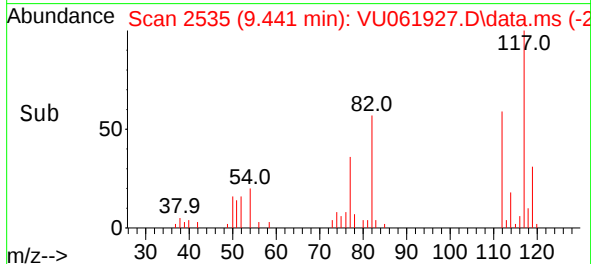
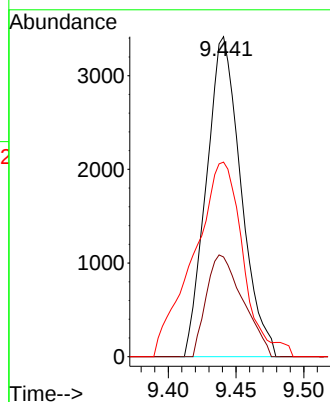
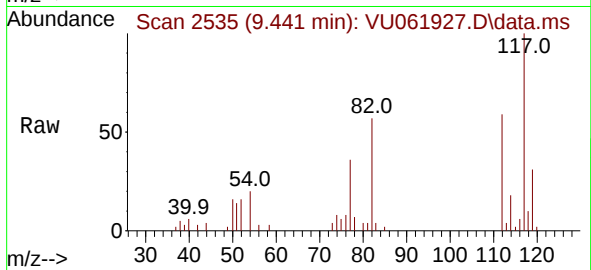
Acq: 21 Nov 2024 19:05

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:112	Resp:	6056
Ion Ratio	Lower	Upper
112	100	
114	31.2	23.0 42.6
77	60.8	50.5 75.7



#53

m,p-Xylene

Concen: 0.145 ug/L

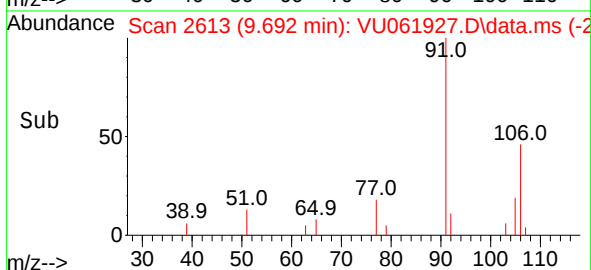
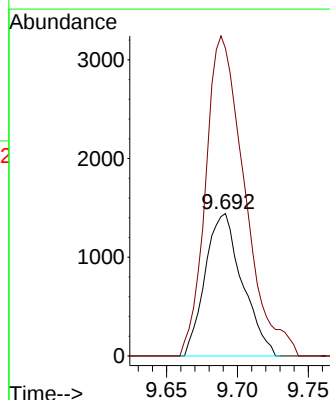
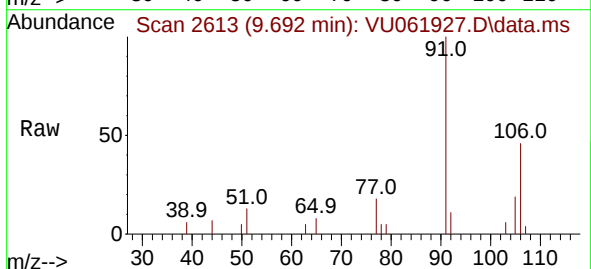
RT: 9.692 min Scan# 2613

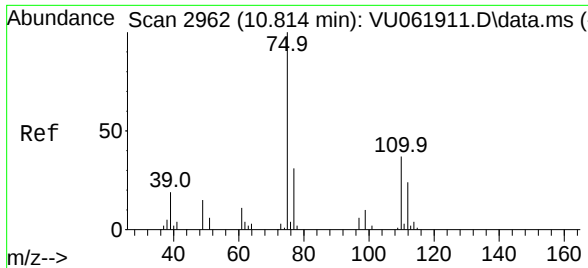
Delta R.T. 0.006 min

Lab File: VU061927.D

Acq: 21 Nov 2024 19:05

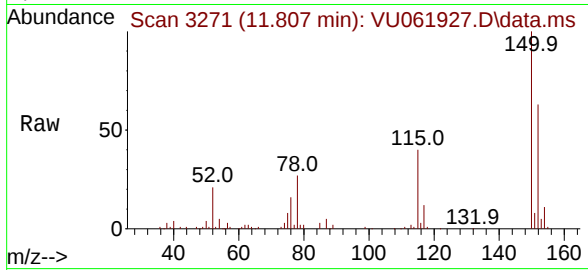
Tgt Ion:106	Resp:	2626
Ion Ratio	Lower	Upper
106	100	
91	215.9	147.6 274.0





#61
 1,2,3-Trichloropropane
 Concen: 1.044 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU061927.D
 Acq: 21 Nov 2024 19:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	6657
Ion	Ratio	Lower	Upper
75	100		
110	1.5	28.9	43.3#
77	33.1	26.5	39.7

