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 Data File : VU061969.D
 Acq On : 22 Nov 2024 14:01
 Operator : MD/SY
 Sample : P4804-23DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

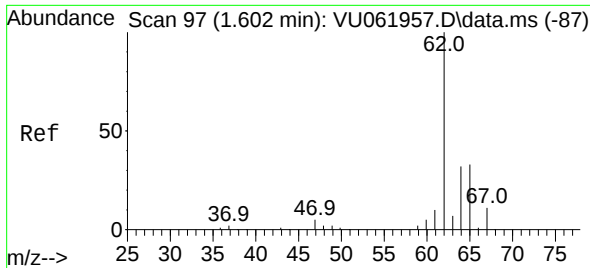
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 22 22:45:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 22:40:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	127033	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	119348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	55219	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31609	5.073	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.888	69	16257	2.949	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	59.000%#
11) 1,1-Dichloroethene-d2	2.551	65	14362	5.769	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.400%
20) 2-Butanone-d5	4.625	46	79620	40.690	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.380%
24) Chloroform-d	5.052	84	68149	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.692	65	35350	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.715	84	134882	5.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.000%
36) 1,2-Dichloropropane-d6	6.679	67	42295	5.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.888	98	113895	5.873	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.400%
43) trans-1,3-Dichloroprop...	8.174	79	14506	4.959	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.637	63	59699	44.715	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.420%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	34695	4.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	40784	4.995	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
5) Vinyl chloride	1.599	62	3281	0.279	ug/L #	38
15) Methyl Acetate	3.184	43	945	0.272	ug/L #	51
17) Methyl tert-butyl Ether	3.355	73	152744	6.996	ug/L	97
18) trans-1,2-Dichloroethene	3.342	96	8552	0.950	ug/L	92
22) cis-1,2-Dichloroethene	4.654	96	41129	4.058	ug/L	96
35) Methylcyclohexane	6.676	83	9676	0.658	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	4673	0.499	ug/L #	87
61) 1,2,3-Trichloropropane	11.808	75	6139	0.962	ug/L #	69

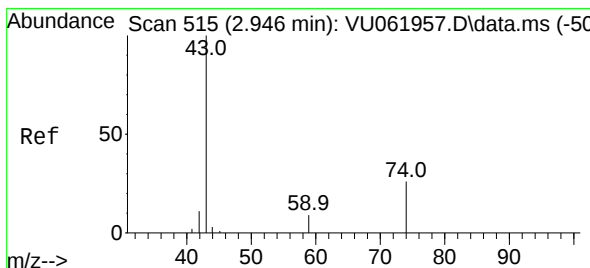
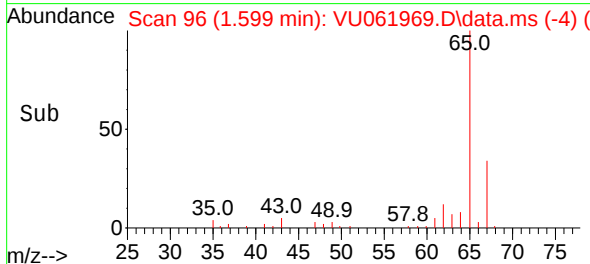
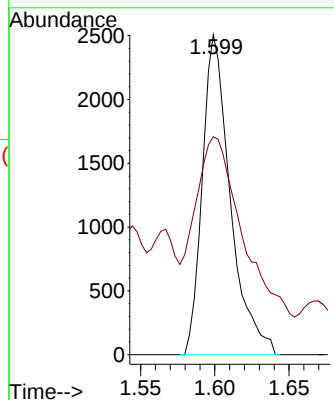
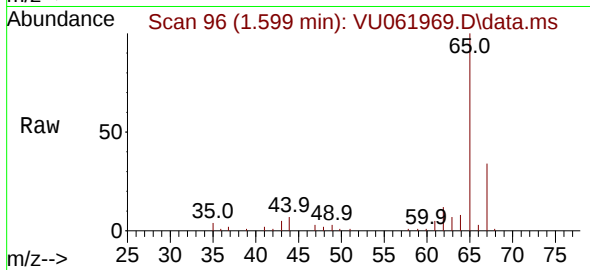
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
Vinyl chloride
Concen: 0.279 ug/L
RT: 1.599 min Scan# 90
Delta R.T. -0.003 min
Lab File: VU061969.D
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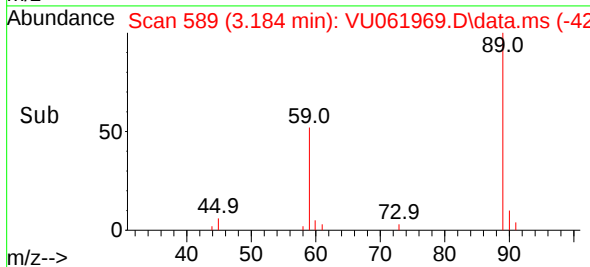
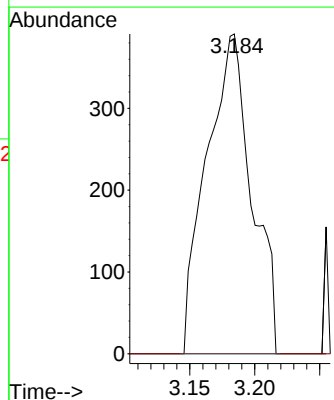
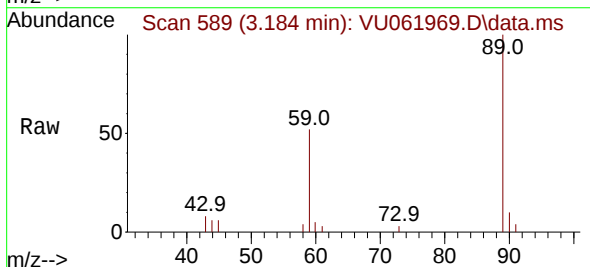
Instrument :
MSVOA_U
ClientSampleId :

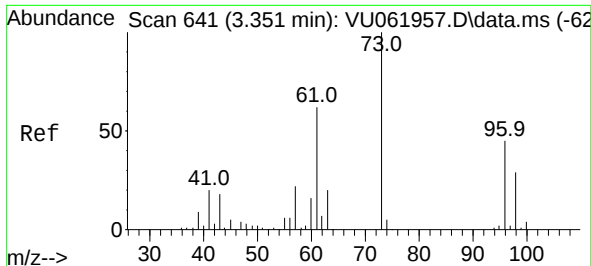
Tgt Ion: 62 Resp: 3281
Ion Ratio Lower Upper
62 100
64 68.1 23.1 42.9#



#15
Methyl Acetate
Concen: 0.272 ug/L
RT: 3.184 min Scan# 589
Delta R.T. 0.238 min
Lab File: VU061969.D
Acq: 22 Nov 2024 14:01

Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#

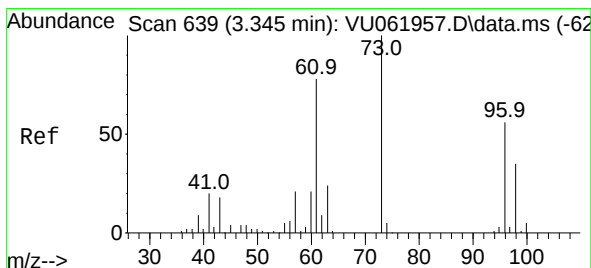
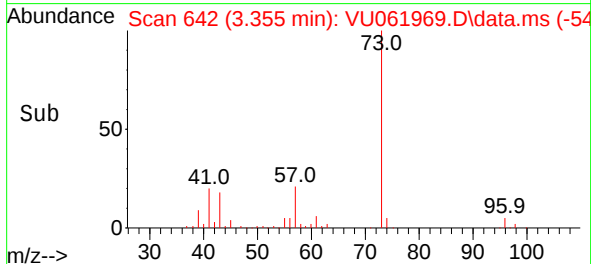
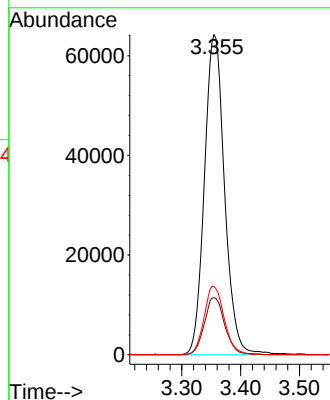
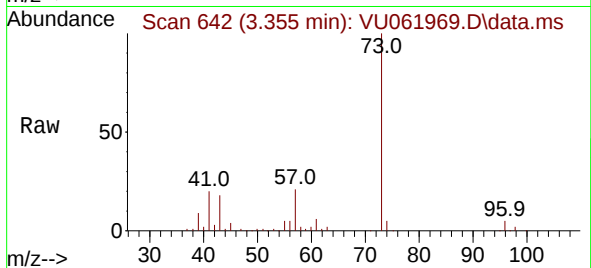




#17
Methyl tert-butyl Ether
Concen: 6.996 ug/L
RT: 3.355 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061969.D
Acq: 22 Nov 2024 14:01

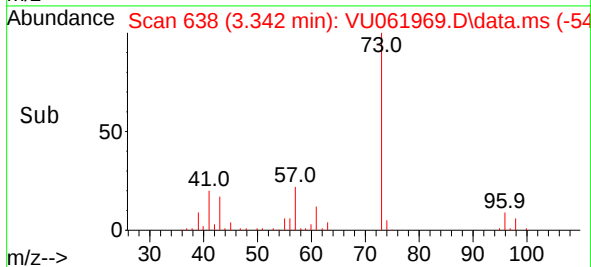
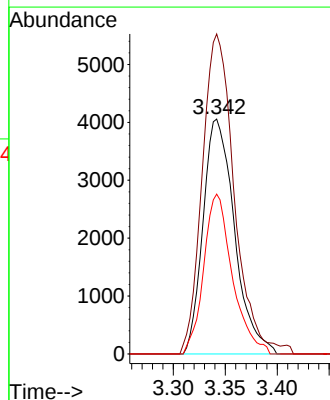
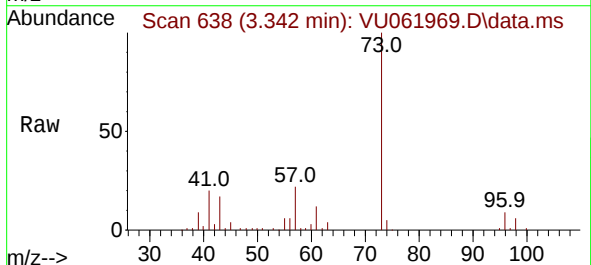
Instrument :
MSVOA_U
ClientSampleId :

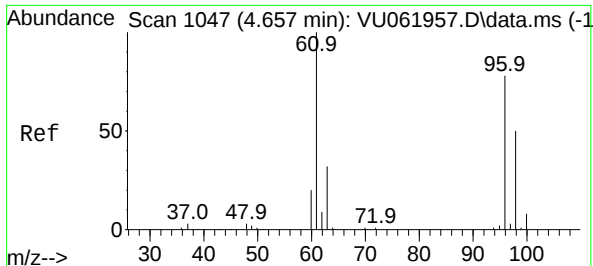
Tgt Ion: 73 Resp: 152744
Ion Ratio Lower Upper
73 100
43 18.0 16.3 24.5
57 21.3 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 0.950 ug/L
RT: 3.342 min Scan# 638
Delta R.T. -0.003 min
Lab File: VU061969.D
Acq: 22 Nov 2024 14:01

Tgt Ion: 96 Resp: 8552
Ion Ratio Lower Upper
96 100
61 136.3 104.2 193.4
98 68.1 45.7 84.9

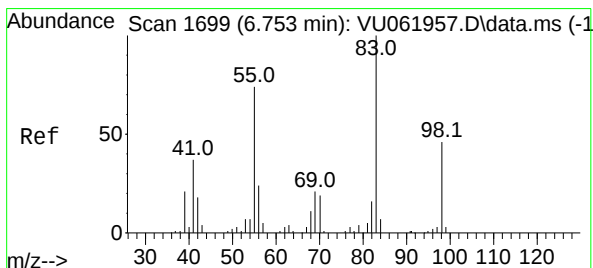
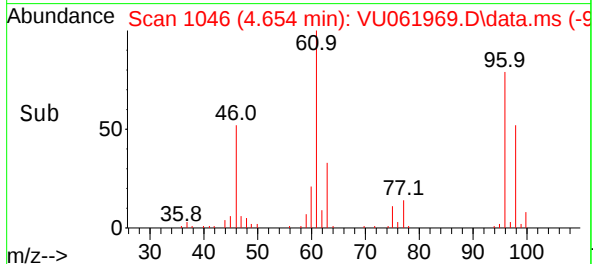
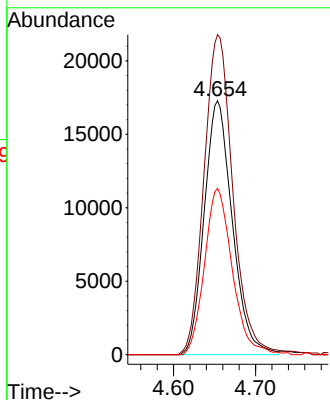
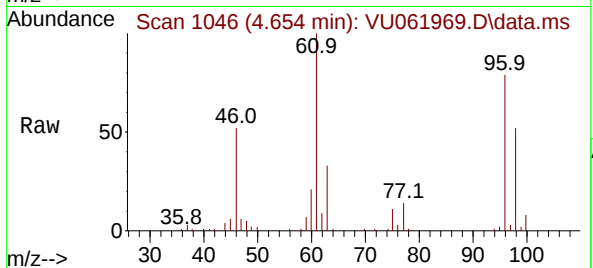




#22
 cis-1,2-Dichloroethene
 Concen: 4.058 ug/L
 RT: 4.654 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061969.D
 Acq: 22 Nov 2024 14:01

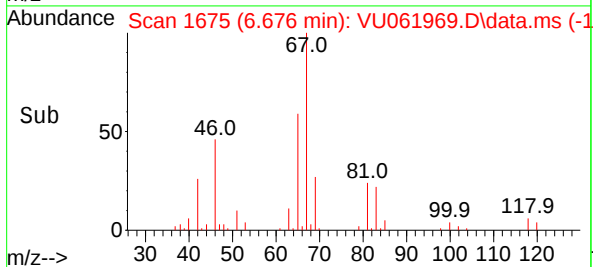
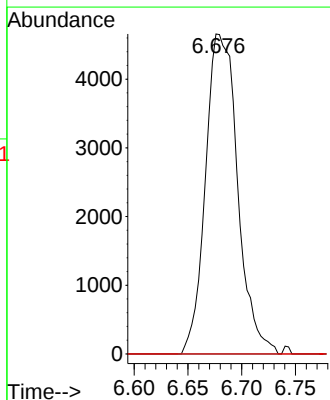
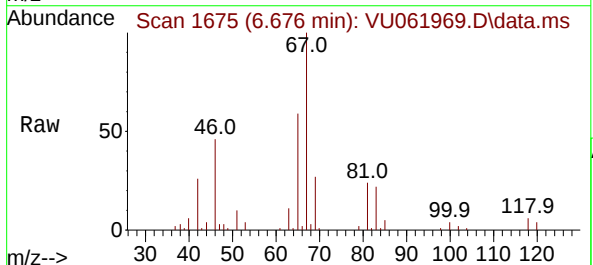
Instrument :
 MSVOA_U
 ClientSampleId :

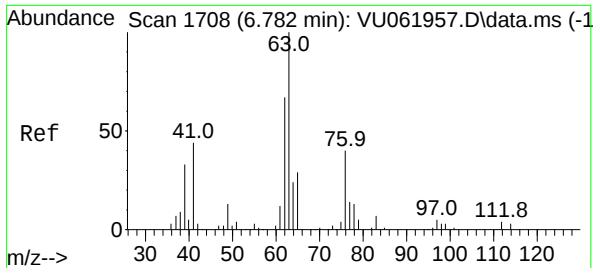
Tgt Ion: 96 Resp: 41129
 Ion Ratio Lower Upper
 96 100
 61 126.0 92.0 170.8
 98 65.5 44.5 82.7



#35
 Methylcyclohexane
 Concen: 0.658 ug/L
 RT: 6.676 min Scan# 1675
 Delta R.T. -0.077 min
 Lab File: VU061969.D
 Acq: 22 Nov 2024 14:01

Tgt Ion: 83 Resp: 9676
 Ion Ratio Lower Upper
 83 100
 55 0.0 60.7 91.1#
 98 0.0 34.8 52.2#

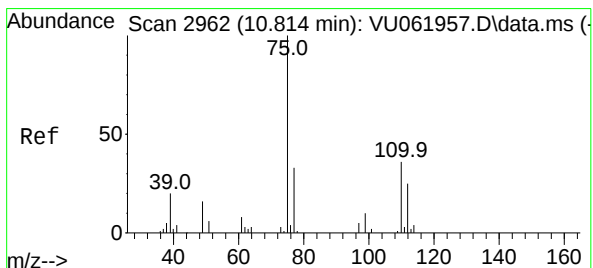
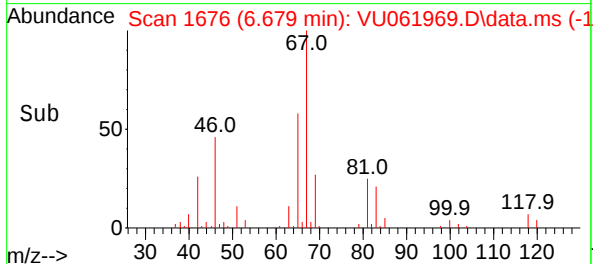
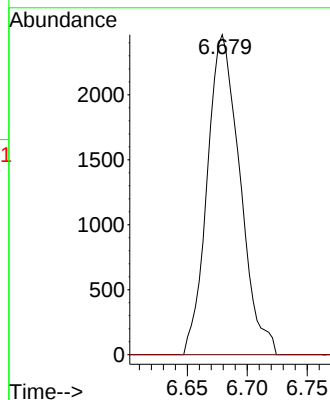
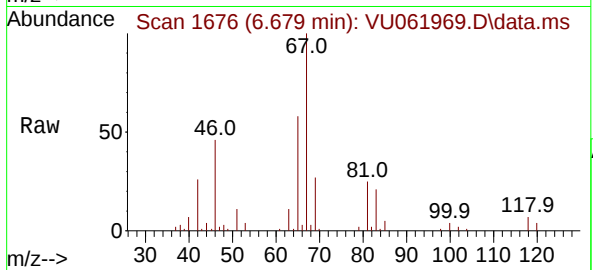




#37
1,2-Dichloropropane
Concen: 0.499 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU061969.D
Acq: 22 Nov 2024 14:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4673
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#61
1,2,3-Trichloropropane
Concen: 0.962 ug/L
RT: 11.808 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU061969.D
Acq: 22 Nov 2024 14:01

Tgt Ion: 75 Resp: 6139
Ion Ratio Lower Upper
75 100
110 1.4 28.9 43.3#
77 32.5 26.5 39.7

