

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080924\
 Data File : VU060371.D
 Acq On : 09 Aug 2024 12:46
 Operator : MD/SY
 Sample : P3401-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 10 04:53:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 10 04:43:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	106293	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	108599	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45815	5.000	ug/L	0.00

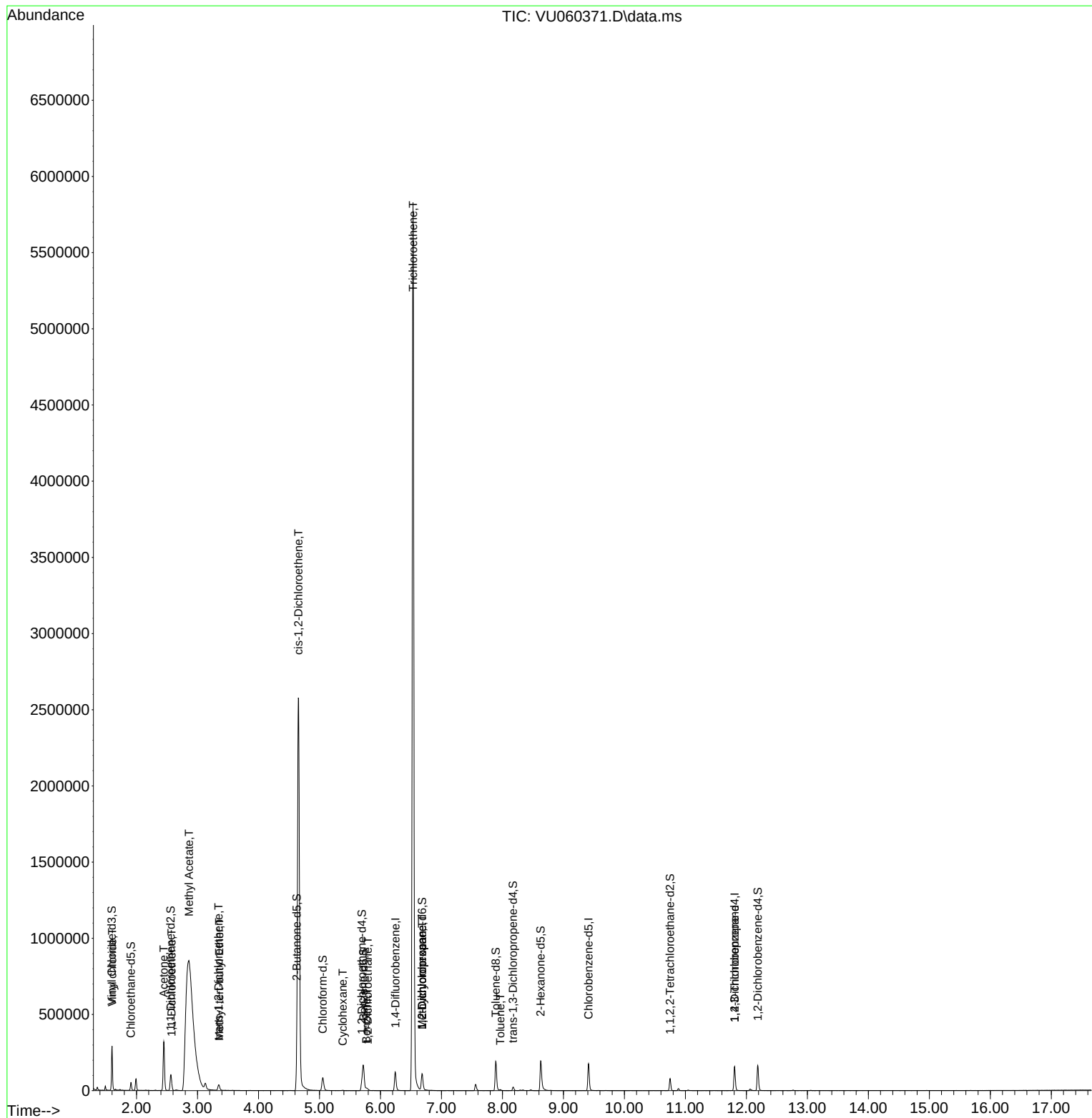
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	41752	5.004	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.907	69	38548	5.124	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.560	65	16919	4.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.200%
20) 2-Butanone-d5	4.627	46	102571	57.927	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.860%
24) Chloroform-d	5.055	84	81920	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.695	65	40304	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.721	84	167579	5.117	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.682	67	56510	5.563	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.200%
41) Toluene-d8	7.891	98	138307	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.174	79	15667	4.770	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.627	63	72013	49.409	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.820%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	42740	5.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	47409	5.617	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.400%

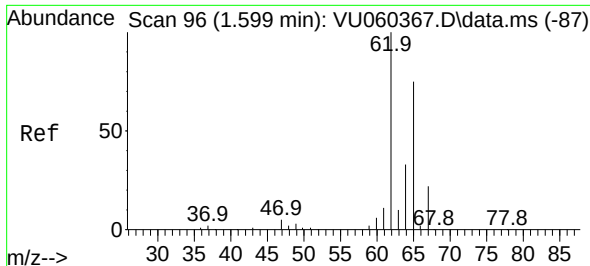
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	64020	7.667	ug/L	99
12) 1,1-Dichloroethene	2.576	96	10670	1.522	ug/L #	47
13) Acetone	2.447	43	203963	168.682	ug/L	38
15) Methyl Acetate	2.859	43	944342	376.939	ug/L #	48
17) Methyl tert-butyl Ether	3.357	73	3062	0.185	ug/L #	93
18) trans-1,2-Dichloroethene	3.348	96	15609	2.270	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	1406298	169.433	ug/L	94
27) 1,2-Dichloroethane	5.791	62	5550	0.676	ug/L	97
30) Cyclohexane	5.380	56	1278	0.133	ug/L #	96
33) Benzene	5.769	78	14082	0.450	ug/L	100
34) Trichloroethene	6.534	95	2070837	253.020	ug/L	98
35) Methylcyclohexane	6.685	83	12643	1.183	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5261	0.618	ug/L #	93
42) Toluene	7.965	91	4705	0.142	ug/L	96
61) 1,2,3-Trichloropropane	11.807	75	5359	1.208	ug/L #	65

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

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

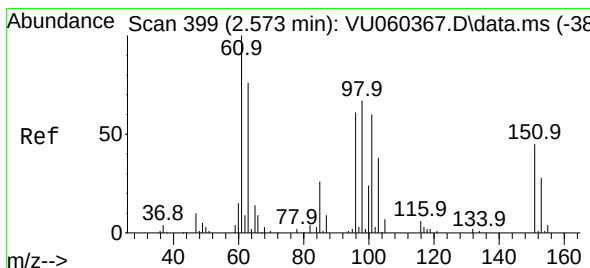
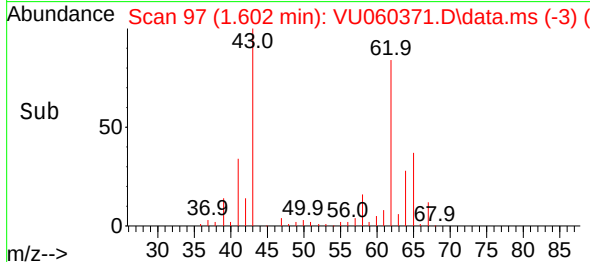
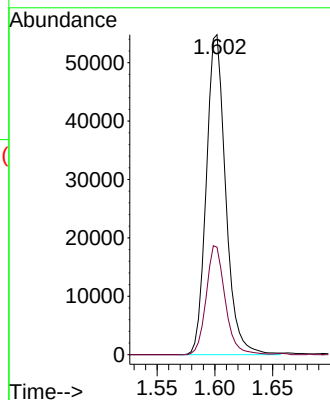
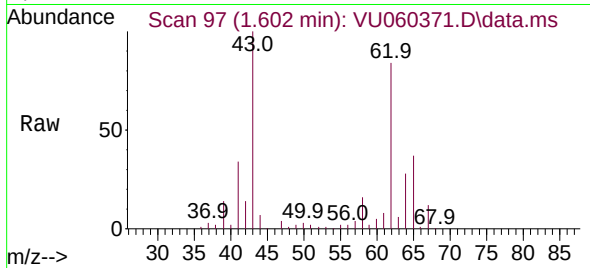
Quant Time: Aug 10 04:53:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 10 04:43:24 2024
Response via : Initial Calibration





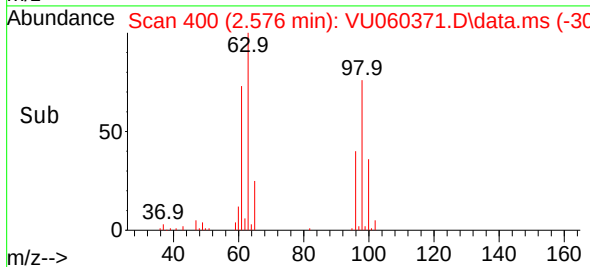
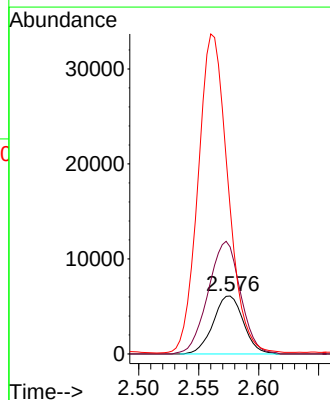
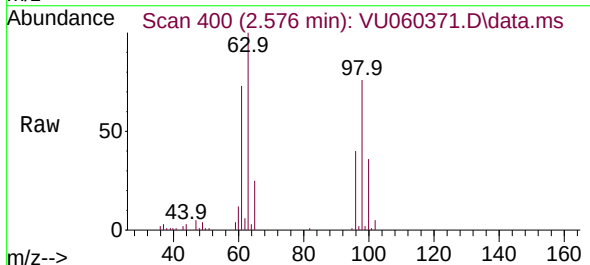
#5
 Vinyl chloride
 Concen: 7.667 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VU060371.D
 Acq: 09 Aug 2024 12:46

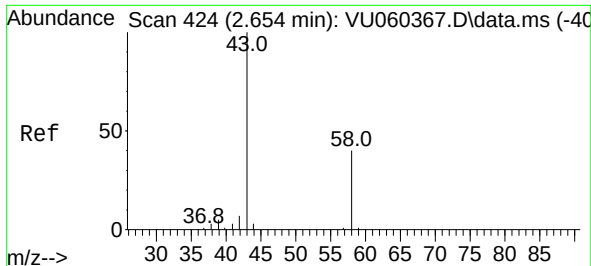
Tgt Ion: 62 Resp: 64020
 Ion Ratio Lower Upper
 62 100
 64 33.6 24.1 44.7



#12
 1,1-Dichloroethene
 Concen: 1.522 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU060371.D
 Acq: 09 Aug 2024 12:46

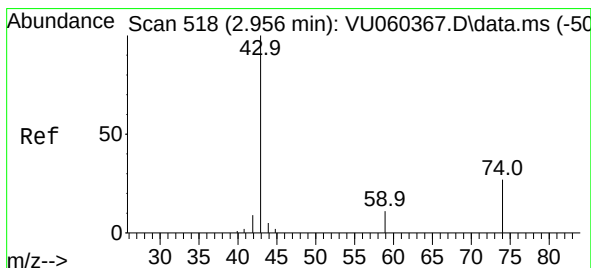
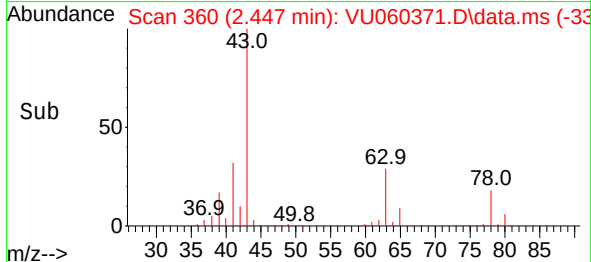
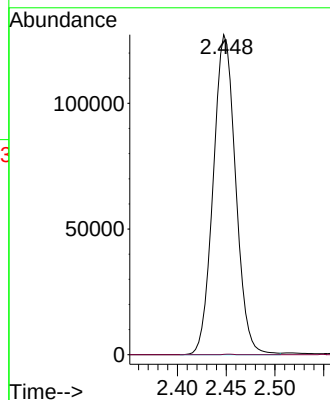
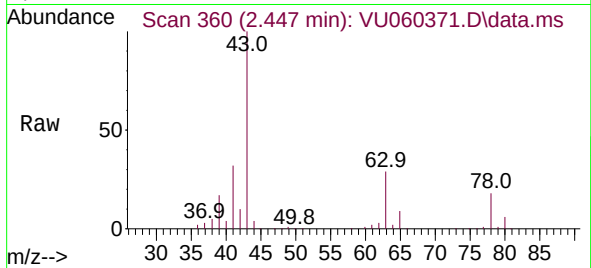
Tgt Ion: 96 Resp: 10670
 Ion Ratio Lower Upper
 96 100
 61 184.8 114.4 212.4
 63 253.1 96.0 178.4#





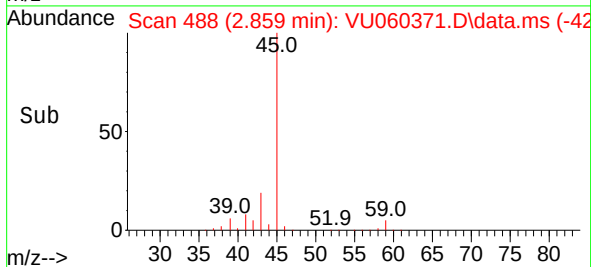
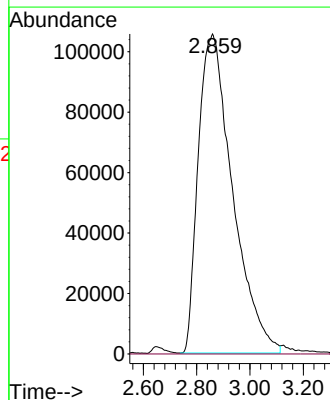
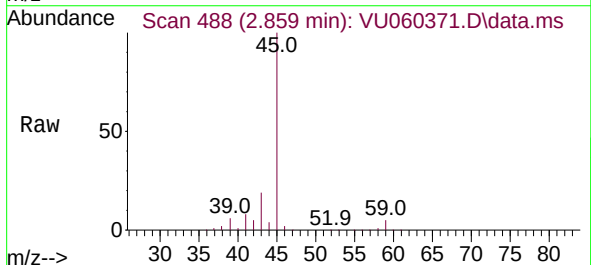
#13
Acetone
Concen: 168.682 ug/L
RT: 2.447 min Scan# 360
Delta R.T. -0.206 min
Lab File: VU060371.D
Acq: 09 Aug 2024 12:46

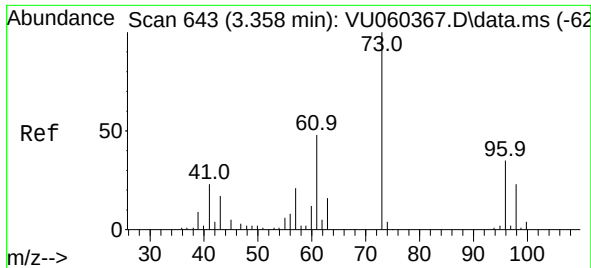
Tgt Ion: 43 Resp: 203963
Ion Ratio Lower Upper
43 100
58 1.6 0.0 78.8



#15
Methyl Acetate
Concen: 376.939 ug/L
RT: 2.859 min Scan# 488
Delta R.T. -0.097 min
Lab File: VU060371.D
Acq: 09 Aug 2024 12:46

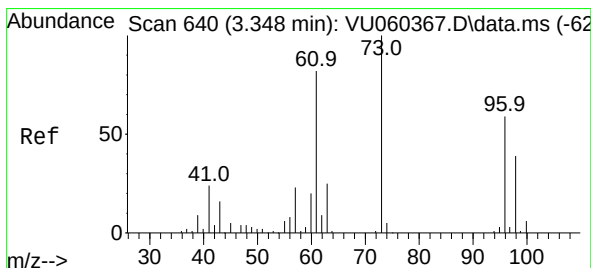
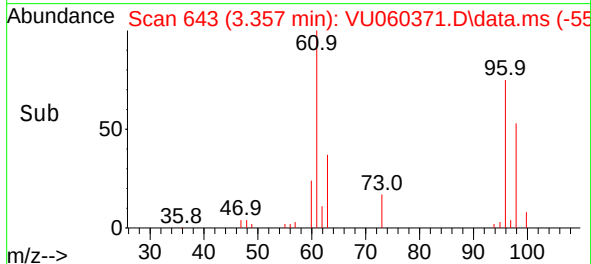
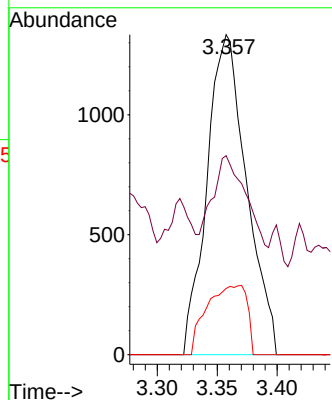
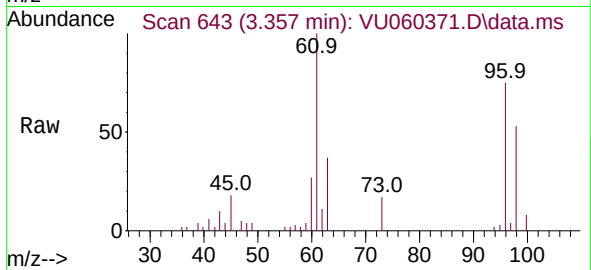
Tgt Ion: 43 Resp: 944342
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#





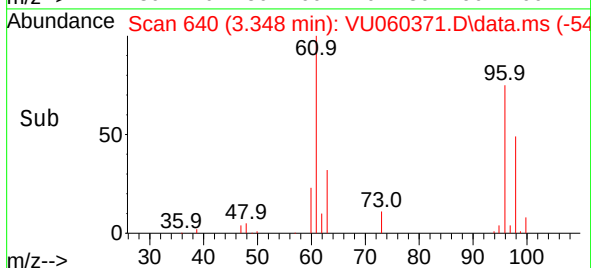
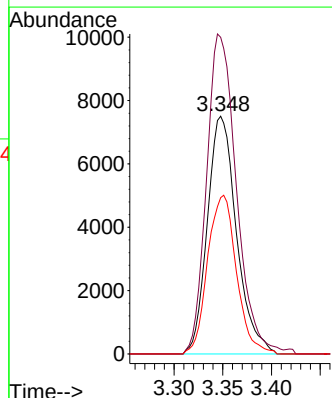
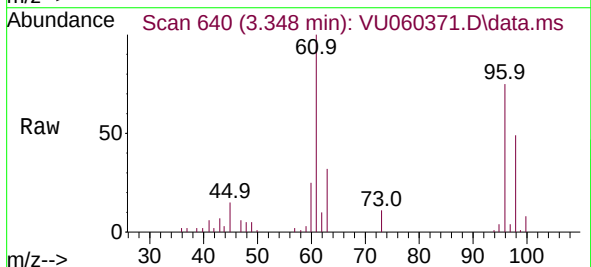
#17
Methyl tert-butyl Ether
Concen: 0.185 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060371.D
Acq: 09 Aug 2024 12:46

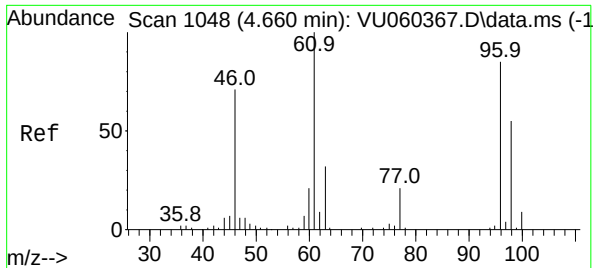
Tgt Ion: 73	Resp: 3062
Ion Ratio	Lower Upper
73 100	
43 23.2	12.8 19.2#
57 21.8	17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 2.270 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060371.D
Acq: 09 Aug 2024 12:46

Tgt Ion: 96	Resp: 15609
Ion Ratio	Lower Upper
96 100	
61 133.1	93.7 174.1
98 65.7	44.7 82.9

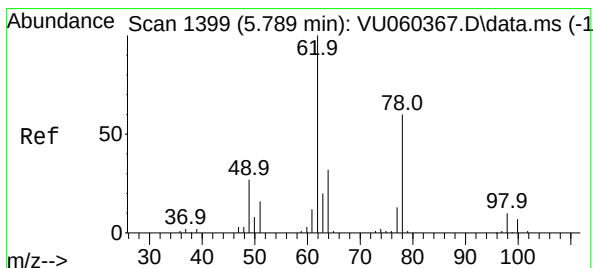
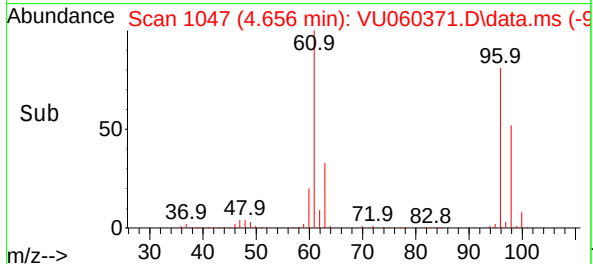
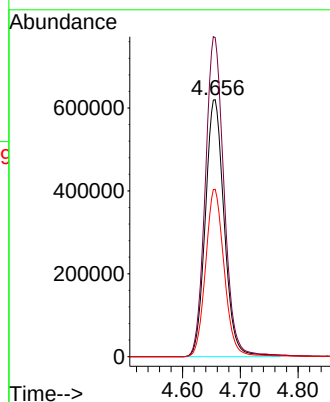
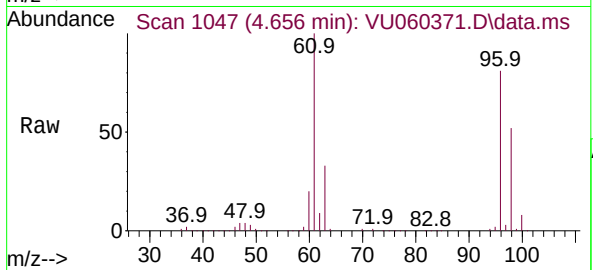




#22
 cis-1,2-Dichloroethene
 Concen: 169.433 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.004 min
 Lab File: VU060371.D
 Acq: 09 Aug 2024 12:46

Tgt Ion: 96 Resp: 1406298

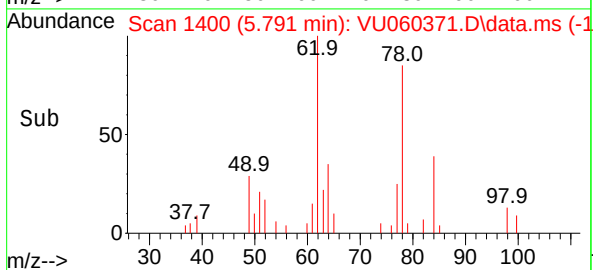
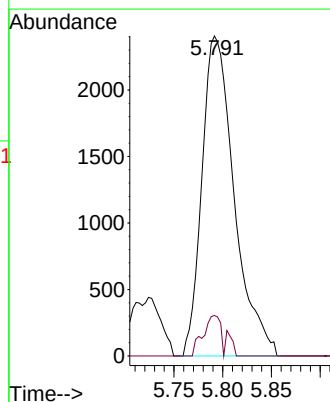
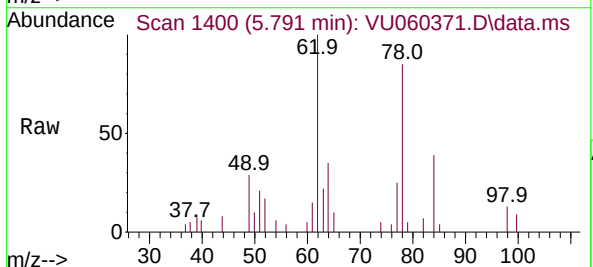
Ion	Ratio	Lower	Upper
96	100		
61	124.1	81.5	151.5
98	65.1	43.5	80.7

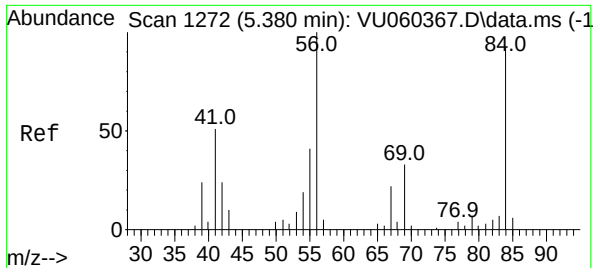


#27
 1,2-Dichloroethane
 Concen: 0.676 ug/L
 RT: 5.791 min Scan# 1400
 Delta R.T. 0.003 min
 Lab File: VU060371.D
 Acq: 09 Aug 2024 12:46

Tgt Ion: 62 Resp: 5550

Ion	Ratio	Lower	Upper
62	100		
98	12.6	9.0	13.6





#30

Cyclohexane

Concen: 0.133 ug/L

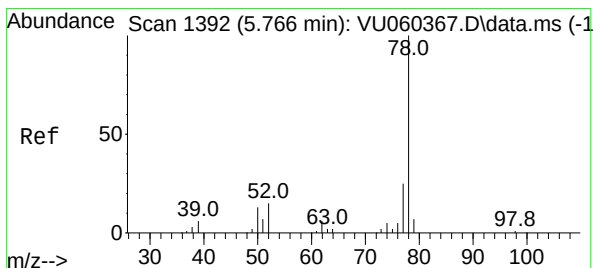
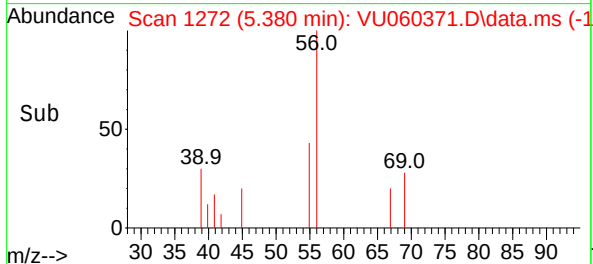
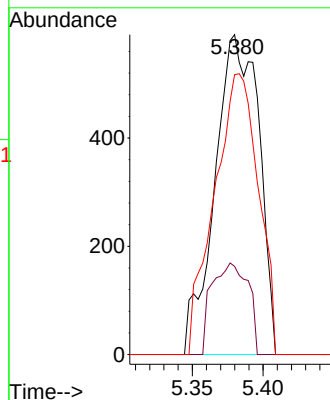
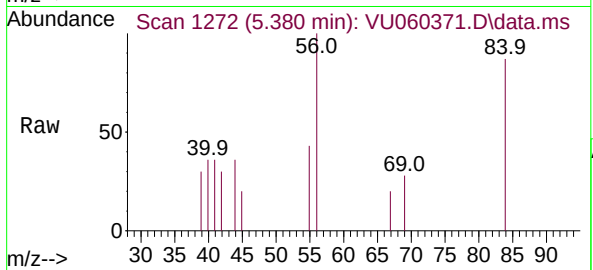
RT: 5.380 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VU060371.D

Acq: 09 Aug 2024 12:46

Tgt Ion:	56	Resp:	1278
Ion	Ratio	Lower	Upper
56	100		
69	23.6	24.7	37.1#
84	88.0	70.7	106.1



#33

Benzene

Concen: 0.450 ug/L

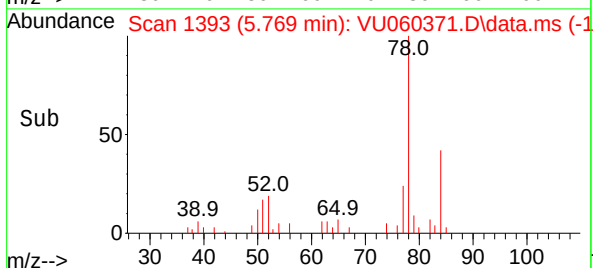
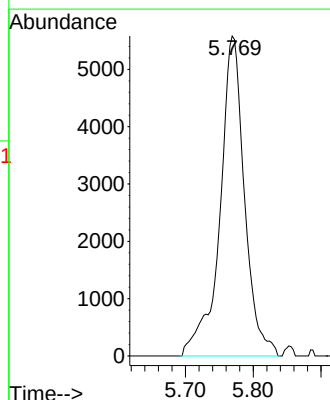
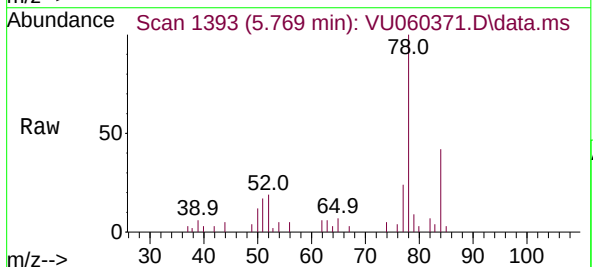
RT: 5.769 min Scan# 1393

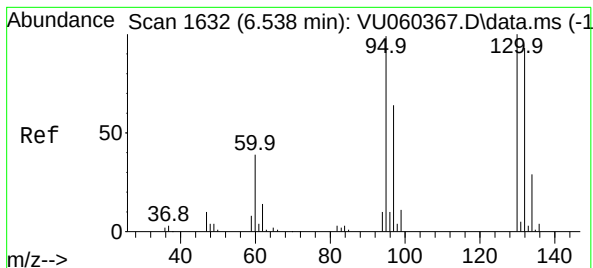
Delta R.T. 0.003 min

Lab File: VU060371.D

Acq: 09 Aug 2024 12:46

Tgt Ion: 78 Resp: 14082

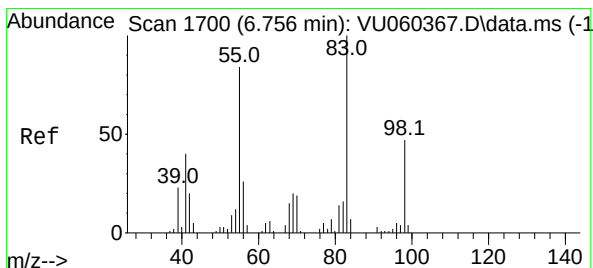
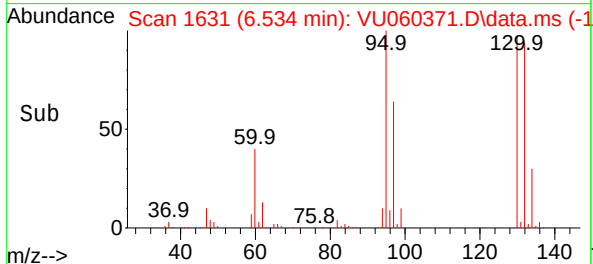
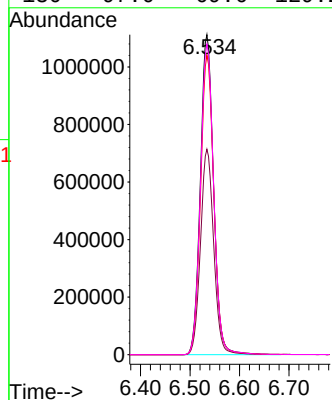
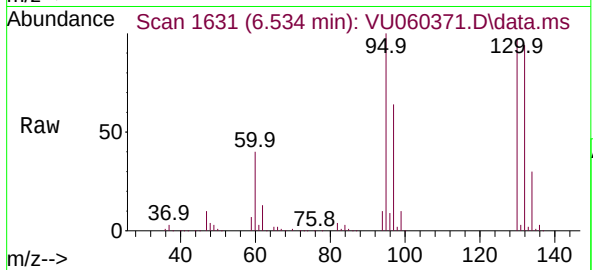




#34
Trichloroethene
Concen: 253.020 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.004 min
Lab File: VU060371.D
Acq: 09 Aug 2024 12:46

Tgt Ion: 95 Resp: 2070837

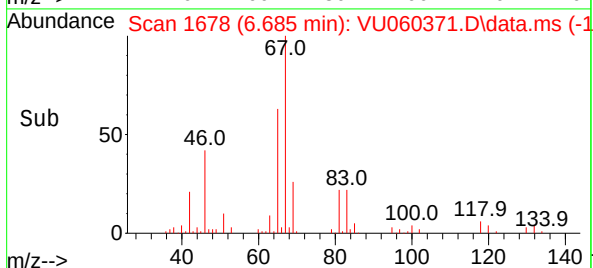
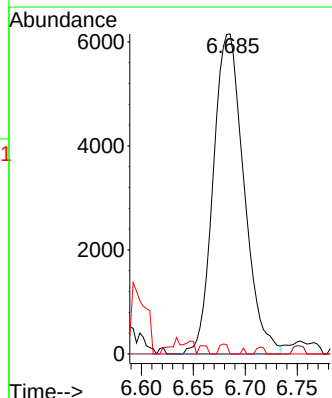
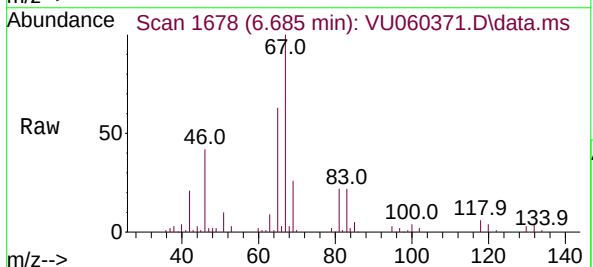
Ion	Ratio	Lower	Upper
95	100		
97	64.2	43.6	81.0
132	93.6	67.1	124.5
130	97.0	69.6	129.2

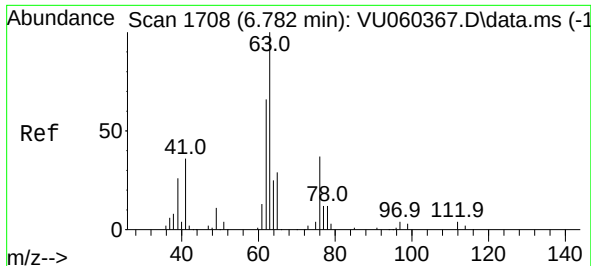


#35
Methylcyclohexane
Concen: 1.183 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060371.D
Acq: 09 Aug 2024 12:46

Tgt Ion: 83 Resp: 12643

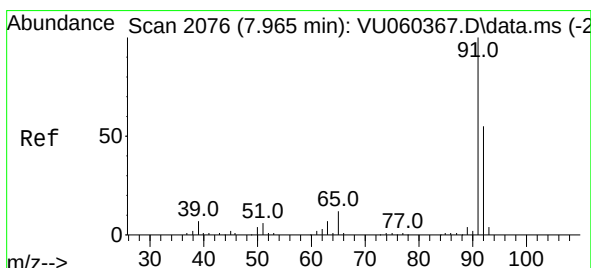
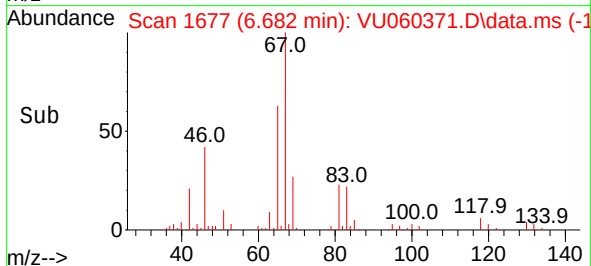
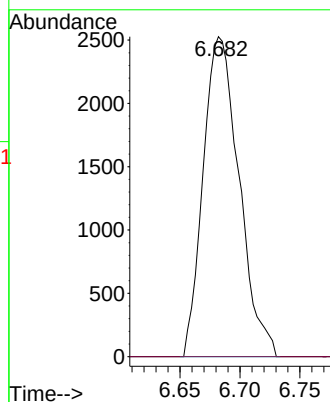
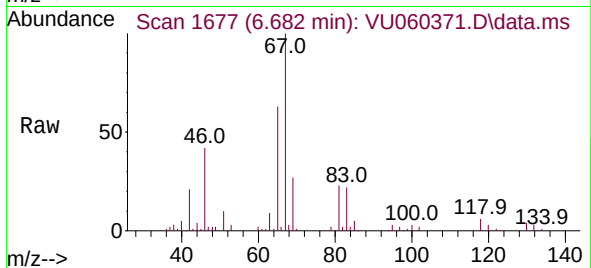
Ion	Ratio	Lower	Upper
83	100		
55	0.9	62.4	93.6#
98	0.0	37.3	55.9#





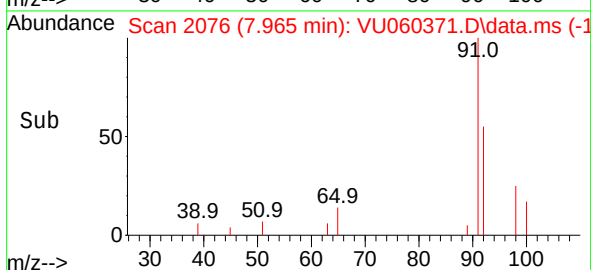
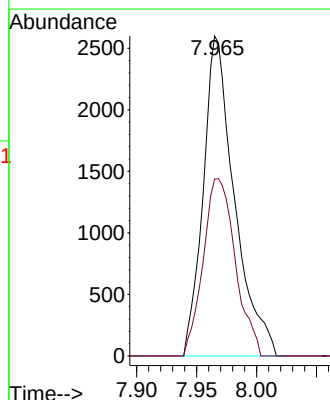
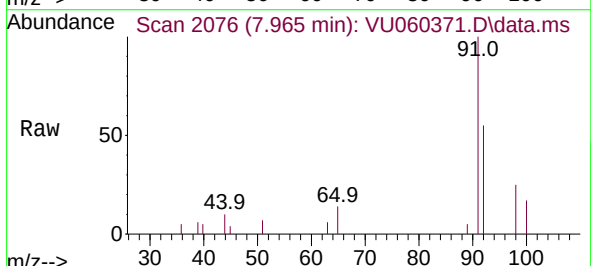
#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU060371.D
Acq: 09 Aug 2024 12:46

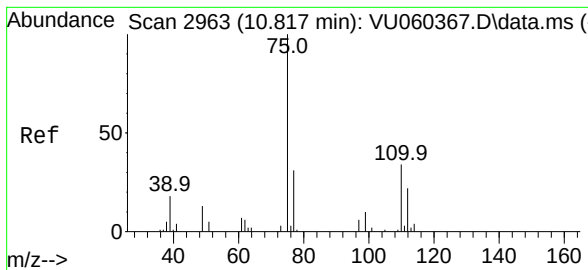
Tgt Ion: 63 Resp: 5261
Ion Ratio Lower Upper
63 100
112 1.8 3.3 4.9#



#42
Toluene
Concen: 0.142 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU060371.D
Acq: 09 Aug 2024 12:46

Tgt Ion: 91 Resp: 4705
Ion Ratio Lower Upper
91 100
92 55.3 40.6 75.4





#61
 1,2,3-Trichloropropane
 Concen: 1.208 ug/L
 RT: 11.807 min Scan# 3271
 Delta R.T. 0.990 min
 Lab File: VU060371.D
 Acq: 09 Aug 2024 12:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	29.9	44.9#
77	31.4	27.0	40.6

