

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080924\
 Data File : VU060387.D
 Acq On : 09 Aug 2024 21:23
 Operator : MD/SY
 Sample : P3401-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 10 04:58:40 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

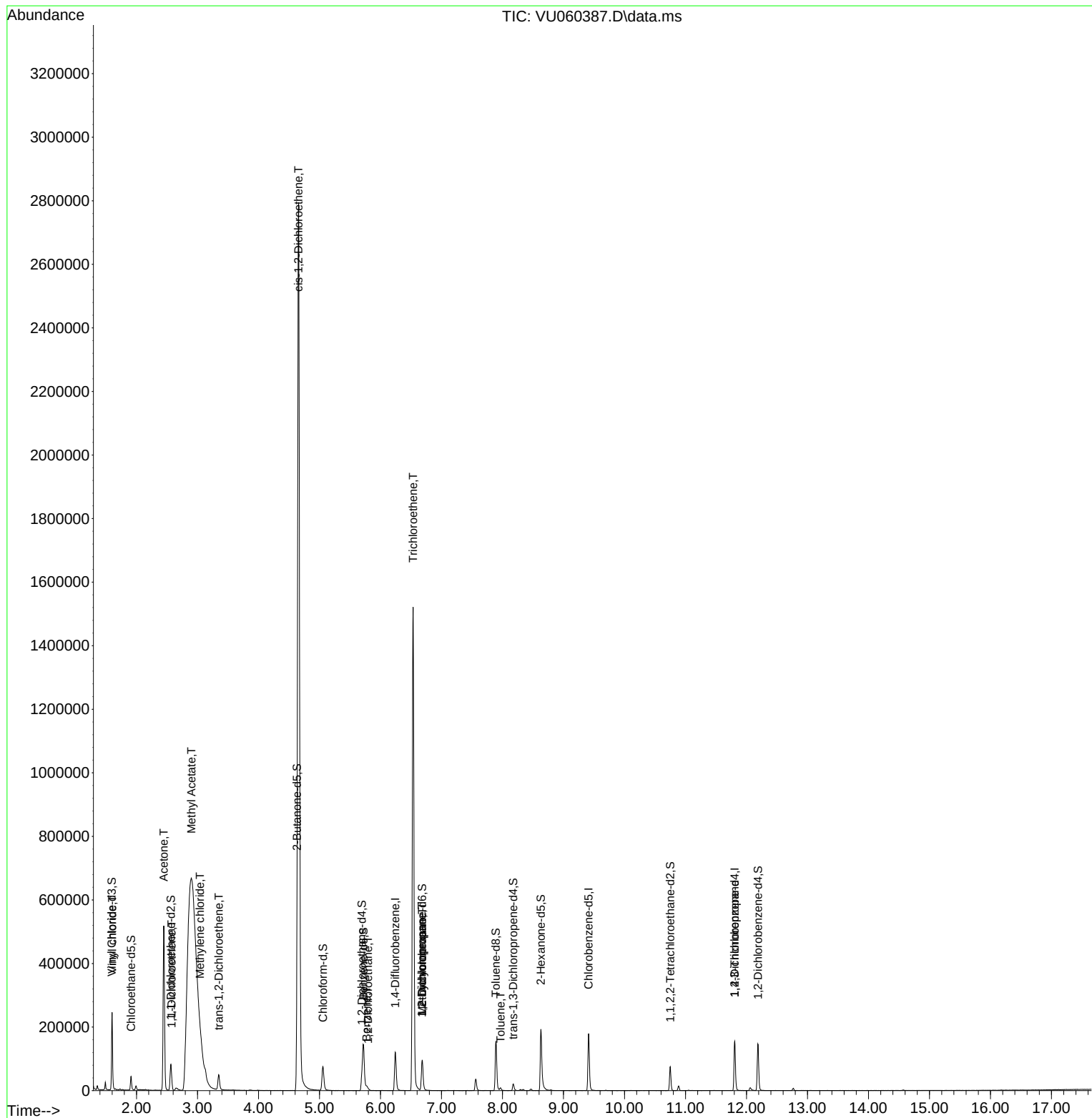
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

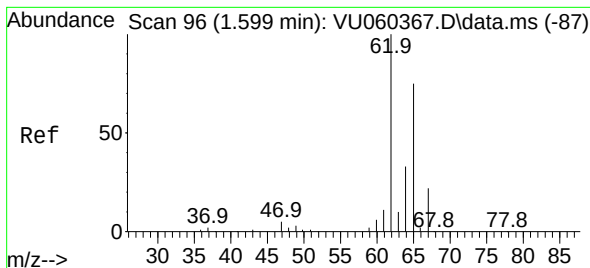
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	104685	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	106828	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32699	3.979	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.910	69	32968	4.449	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.563	65	14029	4.012	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.631	46	96343	55.245	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.500%
24) Chloroform-d	5.055	84	73390	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.695	65	36935	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.721	84	140576	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.682	67	50185	5.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.891	98	113117	3.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	8.177	79	14029	4.342	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.630	63	70608	49.248	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.500%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	40705	4.964	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	43210	5.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	94465	11.486	ug/L	98
12) 1,1-Dichloroethene	2.573	96	7726	1.119	ug/L #	17
13) Acetone	2.447	43	335293	281.555	ug/L	39
15) Methyl Acetate	2.898	43	930445	377.096	ug/L #	48
16) Methylene chloride	3.039	84	1630	0.166	ug/L	94
18) trans-1,2-Dichloroethene	3.348	96	20982	3.099	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	1536371	187.947	ug/L	96
27) 1,2-Dichloroethane	5.795	62	4334	0.536	ug/L	97
33) Benzene	5.772	78	12253	0.398	ug/L	100
34) Trichloroethene	6.534	95	539537	67.015	ug/L	99
35) Methylcyclohexane	6.682	83	11113	1.057	ug/L #	23
37) 1,2-Dichloropropane	6.679	63	4755	0.568	ug/L #	88
42) Toluene	7.968	91	6899	0.212	ug/L	95
61) 1,2,3-Trichloropropane	11.807	75	5172	1.162	ug/L #	67

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

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#5

Vinyl chloride

Concen: 11.486 ug/L

RT: 1.602 min Scan# 97

Delta R.T. 0.003 min

Lab File: VU060387.D

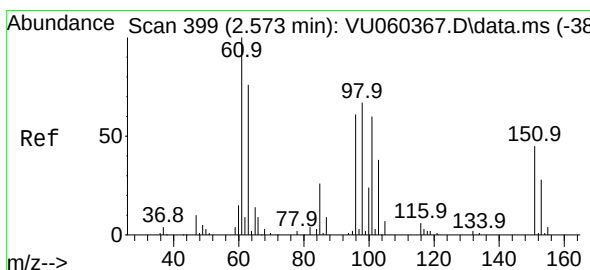
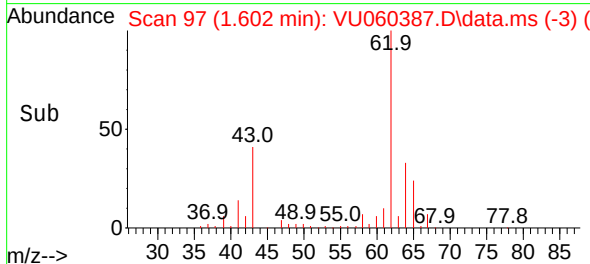
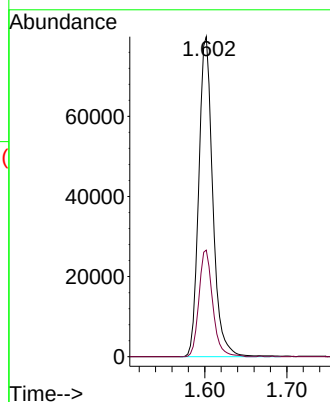
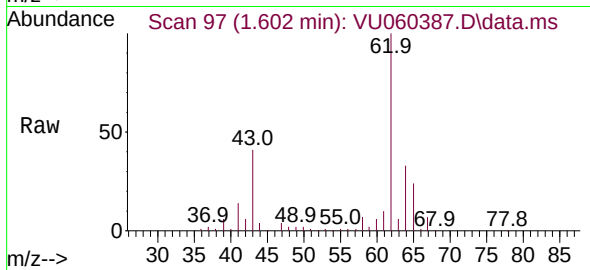
Acq: 09 Aug 2024 21:23

Tgt Ion: 62 Resp: 94465

Ion Ratio Lower Upper

62 100

64 33.3 24.1 44.7



#12

1,1-Dichloroethene

Concen: 1.119 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU060387.D

Acq: 09 Aug 2024 21:23

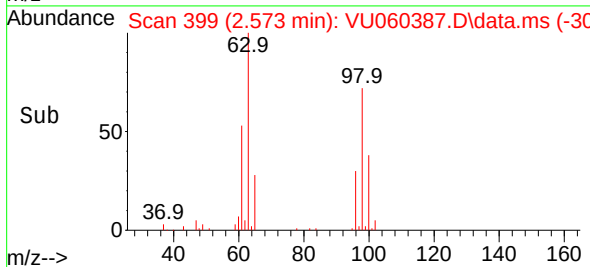
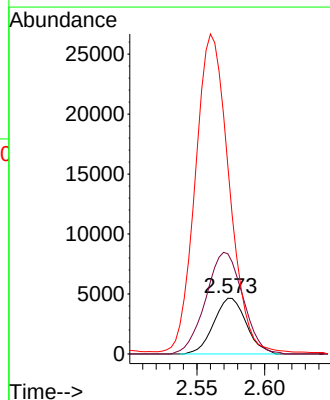
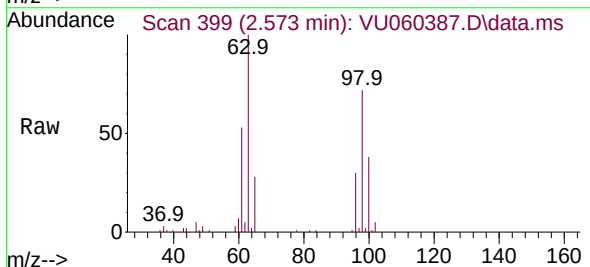
Tgt Ion: 96 Resp: 7726

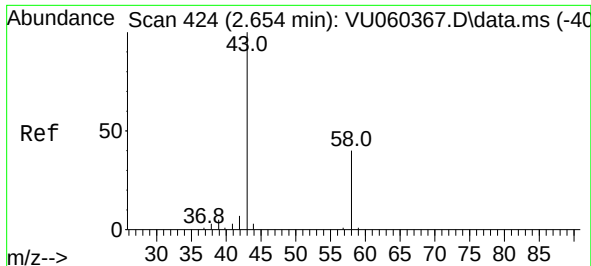
Ion Ratio Lower Upper

96 100

61 180.0 114.4 212.4

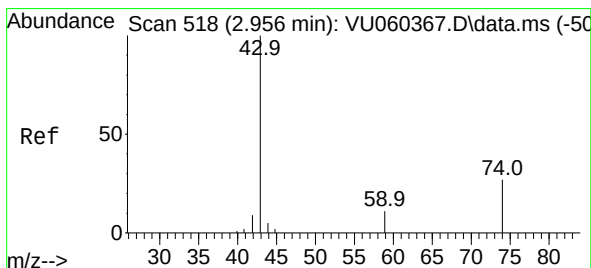
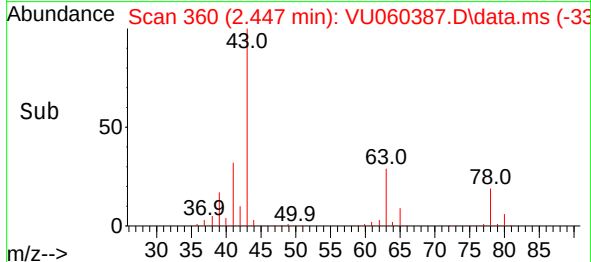
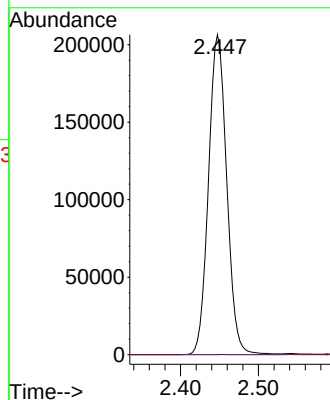
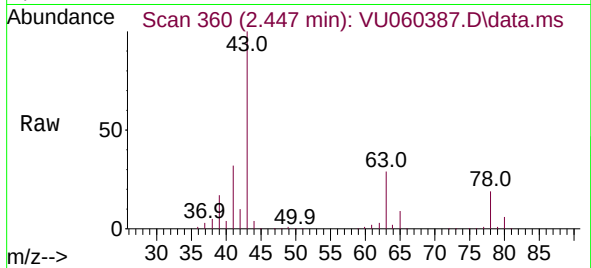
63 337.5 96.0 178.4#





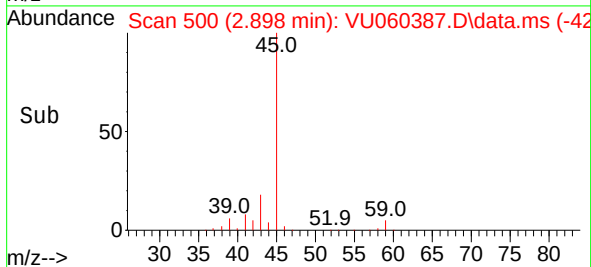
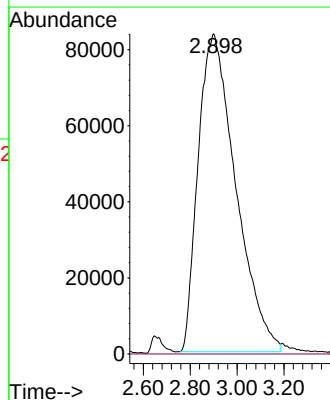
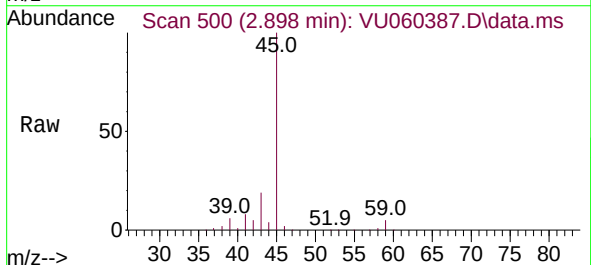
#13
Acetone
Concen: 281.555 ug/L
RT: 2.447 min Scan# 360
Delta R.T. -0.206 min
Lab File: VU060387.D
Acq: 09 Aug 2024 21:23

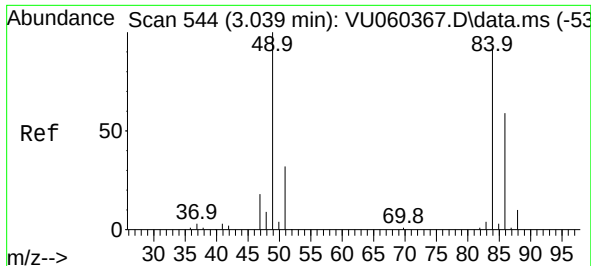
Tgt Ion	Ratio	Lower	Upper
43	100		
58	2.0	0.0	78.8



#15
Methyl Acetate
Concen: 377.096 ug/L
RT: 2.898 min Scan# 500
Delta R.T. -0.058 min
Lab File: VU060387.D
Acq: 09 Aug 2024 21:23

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

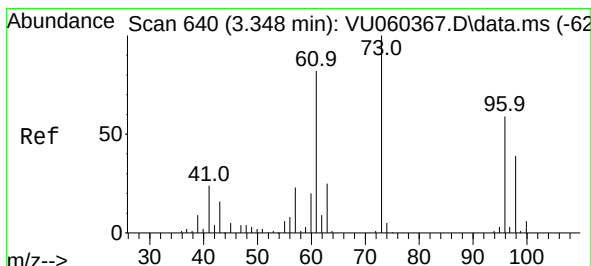
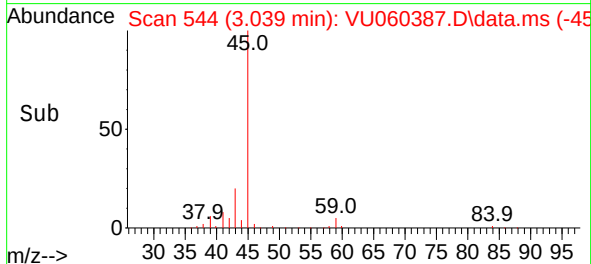
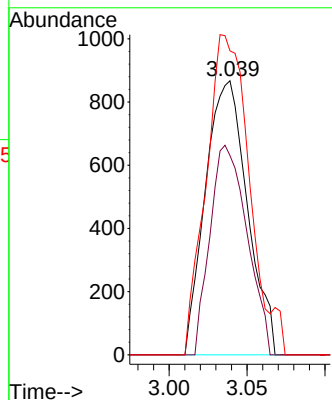
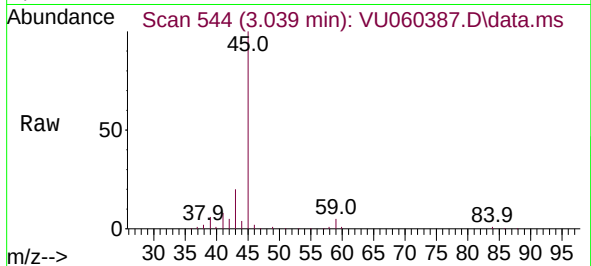




#16
Methylene chloride
Concen: 0.166 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060387.D
Acq: 09 Aug 2024 21:23

Tgt Ion: 84 Resp: 1630

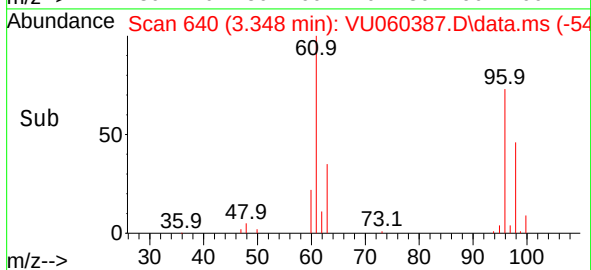
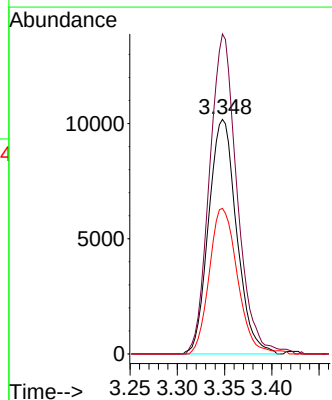
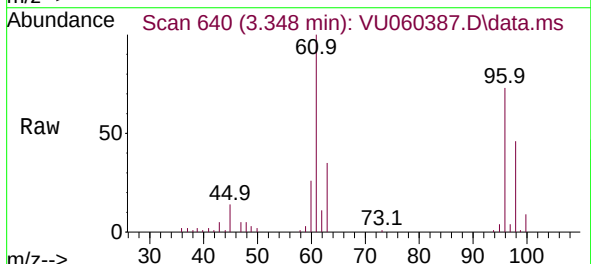
Ion	Ratio	Lower	Upper
84	100		
86	72.8	47.1	87.5
49	111.0	73.9	137.3

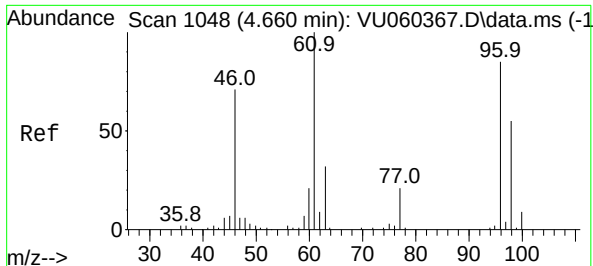


#18
trans-1,2-Dichloroethene
Concen: 3.099 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060387.D
Acq: 09 Aug 2024 21:23

Tgt Ion: 96 Resp: 20982

Ion	Ratio	Lower	Upper
96	100		
61	136.4	93.7	174.1
98	62.1	44.7	82.9

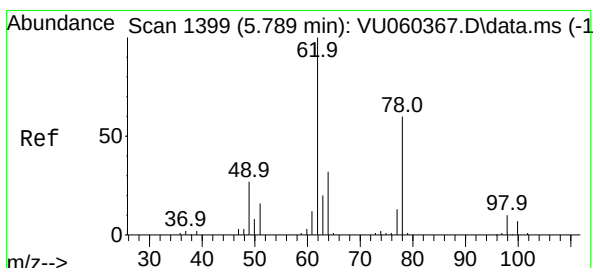
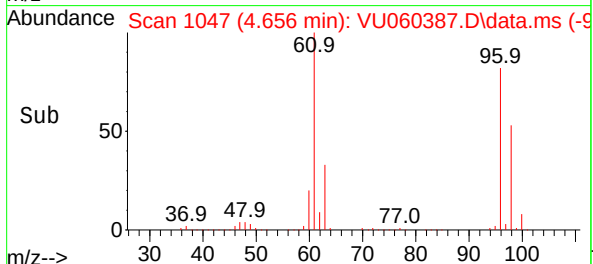
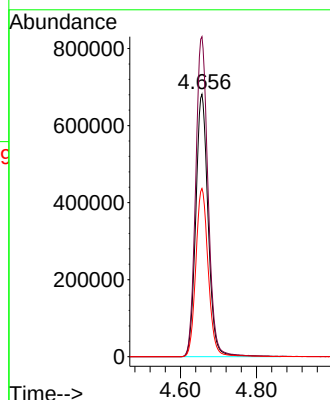
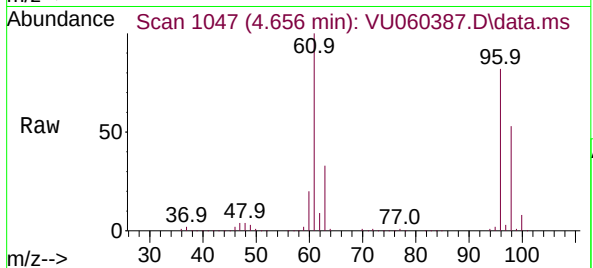




#22
cis-1,2-Dichloroethene
Concen: 187.947 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.004 min
Lab File: VU060387.D
Acq: 09 Aug 2024 21:23

Tgt Ion: 96 Resp: 1536371

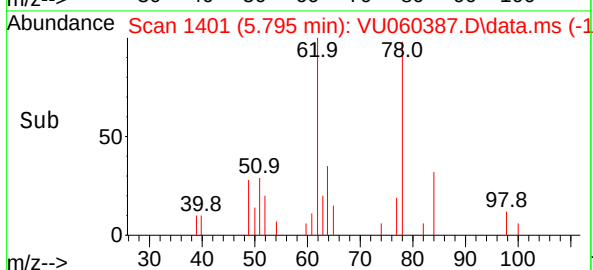
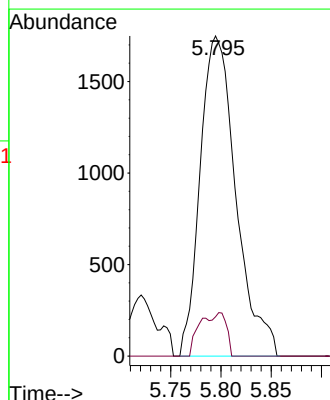
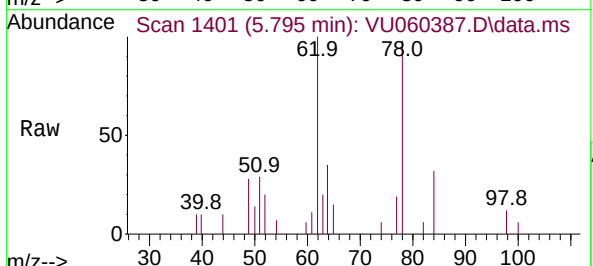
Ion	Ratio	Lower	Upper
96	100		
61	121.9	81.5	151.5
98	64.1	43.5	80.7

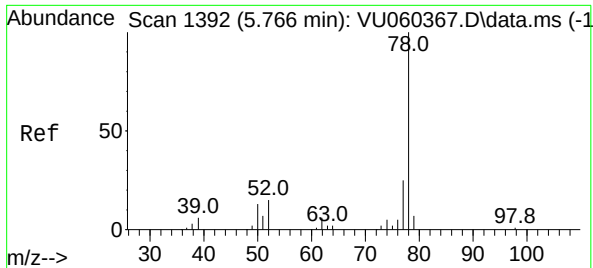


#27
1,2-Dichloroethane
Concen: 0.536 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VU060387.D
Acq: 09 Aug 2024 21:23

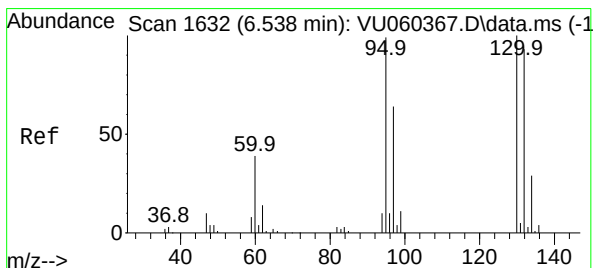
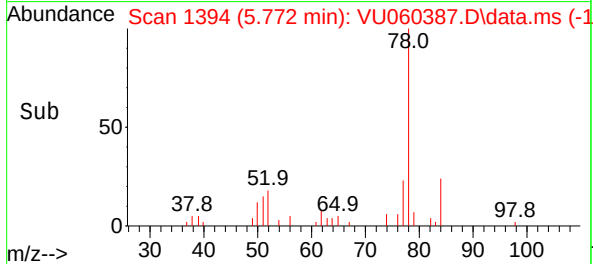
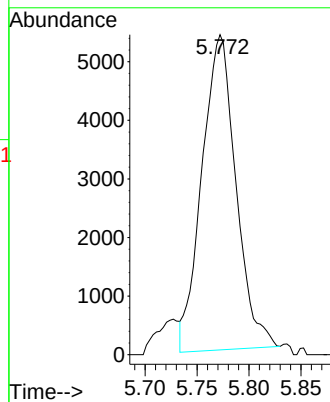
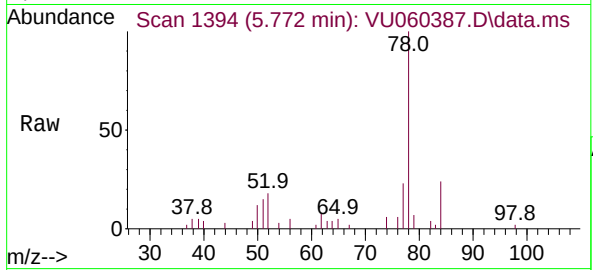
Tgt Ion: 62 Resp: 4334

Ion	Ratio	Lower	Upper
62	100		
98	12.3	9.0	13.6



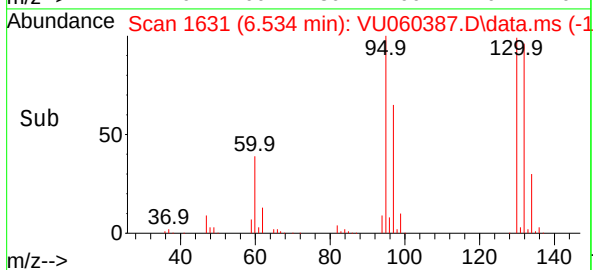
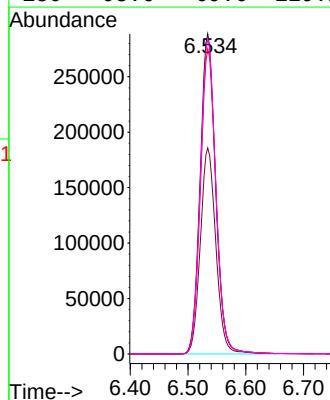
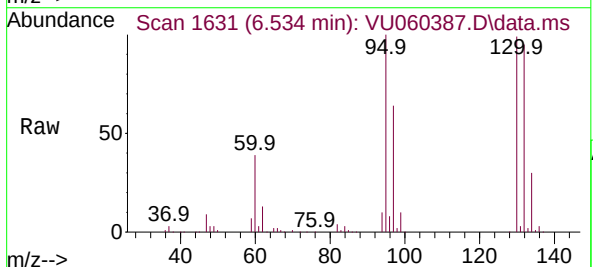


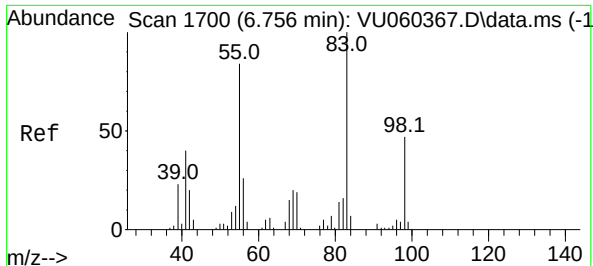
#33
Benzene
Concen: 0.398 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VU060387.D
Acq: 09 Aug 2024 21:23
Tgt Ion: 78 Resp: 12253



#34
Trichloroethene
Concen: 67.015 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.004 min
Lab File: VU060387.D
Acq: 09 Aug 2024 21:23

Tgt Ion: 95 Resp: 539537
Ion Ratio Lower Upper
95 100
97 64.4 43.6 81.0
132 95.3 67.1 124.5
130 98.6 69.6 129.2





#35

Methylcyclohexane

Concen: 1.057 ug/L

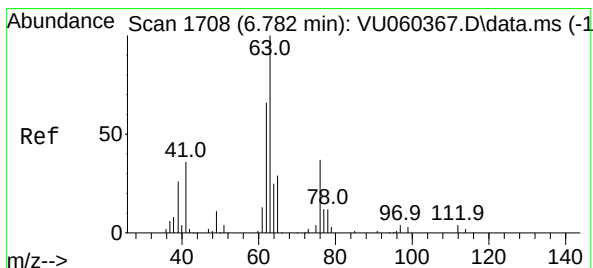
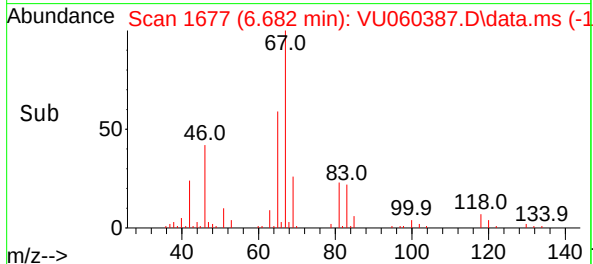
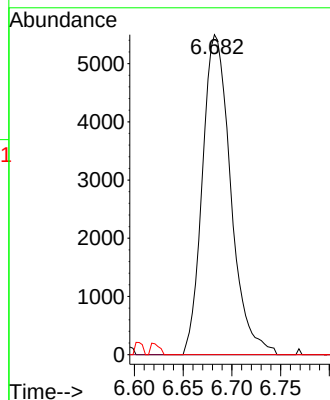
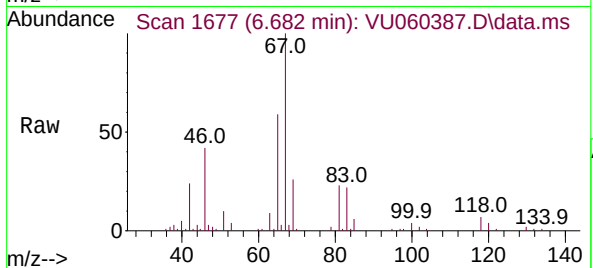
RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060387.D

Acq: 09 Aug 2024 21:23

Tgt Ion: 83	Resp: 11113
Ion Ratio	Lower Upper
83	100
55	0.0 62.4 93.6#
98	8.7 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.568 ug/L

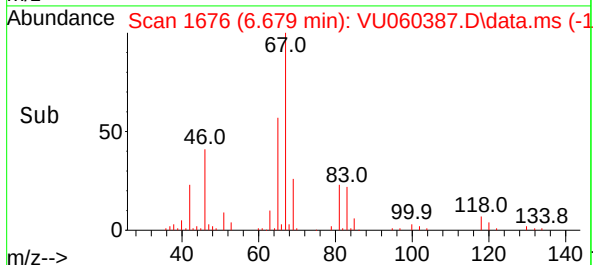
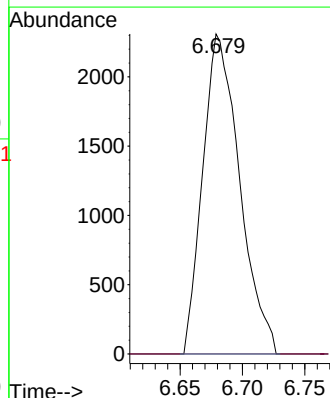
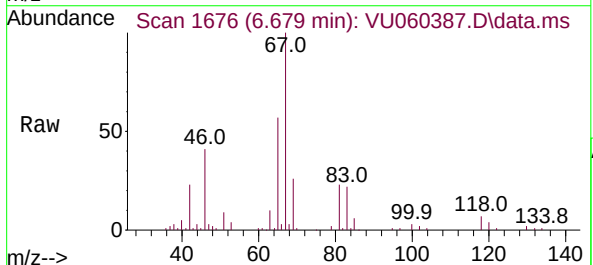
RT: 6.679 min Scan# 1676

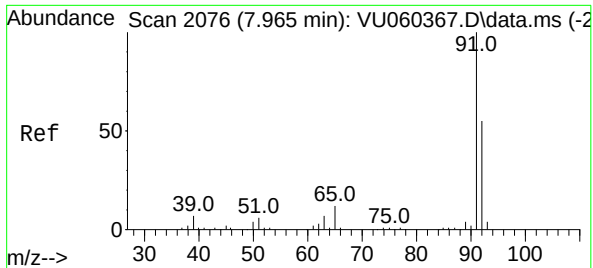
Delta R.T. -0.103 min

Lab File: VU060387.D

Acq: 09 Aug 2024 21:23

Tgt Ion: 63	Resp: 4755
Ion Ratio	Lower Upper
63	100
112	0.0 3.3 4.9#





#42

Toluene

Concen: 0.212 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU060387.D

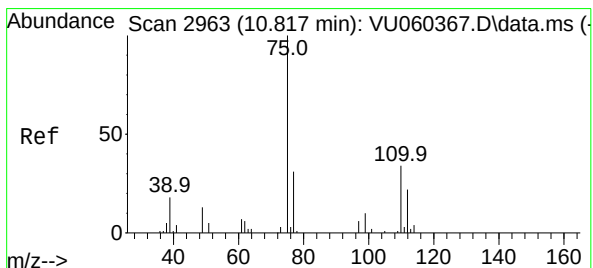
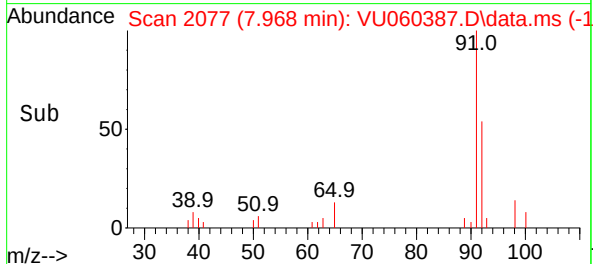
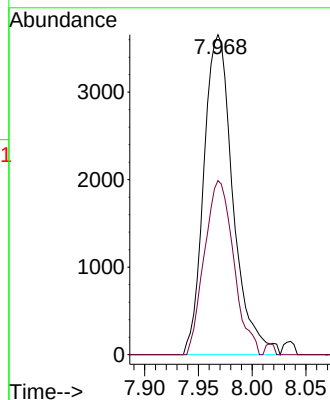
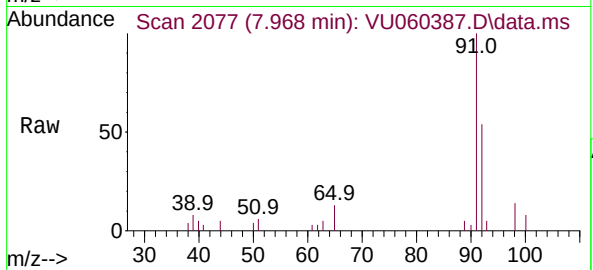
Acq: 09 Aug 2024 21:23

Tgt Ion: 91 Resp: 6899

Ion Ratio Lower Upper

91 100

92 54.4 40.6 75.4



#61

1,2,3-Trichloropropane

Concen: 1.162 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU060387.D

Acq: 09 Aug 2024 21:23

Tgt Ion: 75 Resp: 5172

Ion Ratio Lower Upper

75 100

110 0.9 29.9 44.9#

77 32.6 27.0 40.6

