

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080924\
 Data File : VU060370.D
 Acq On : 09 Aug 2024 12:24
 Operator : MD/SY
 Sample : P3401-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 10 04:53:01 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

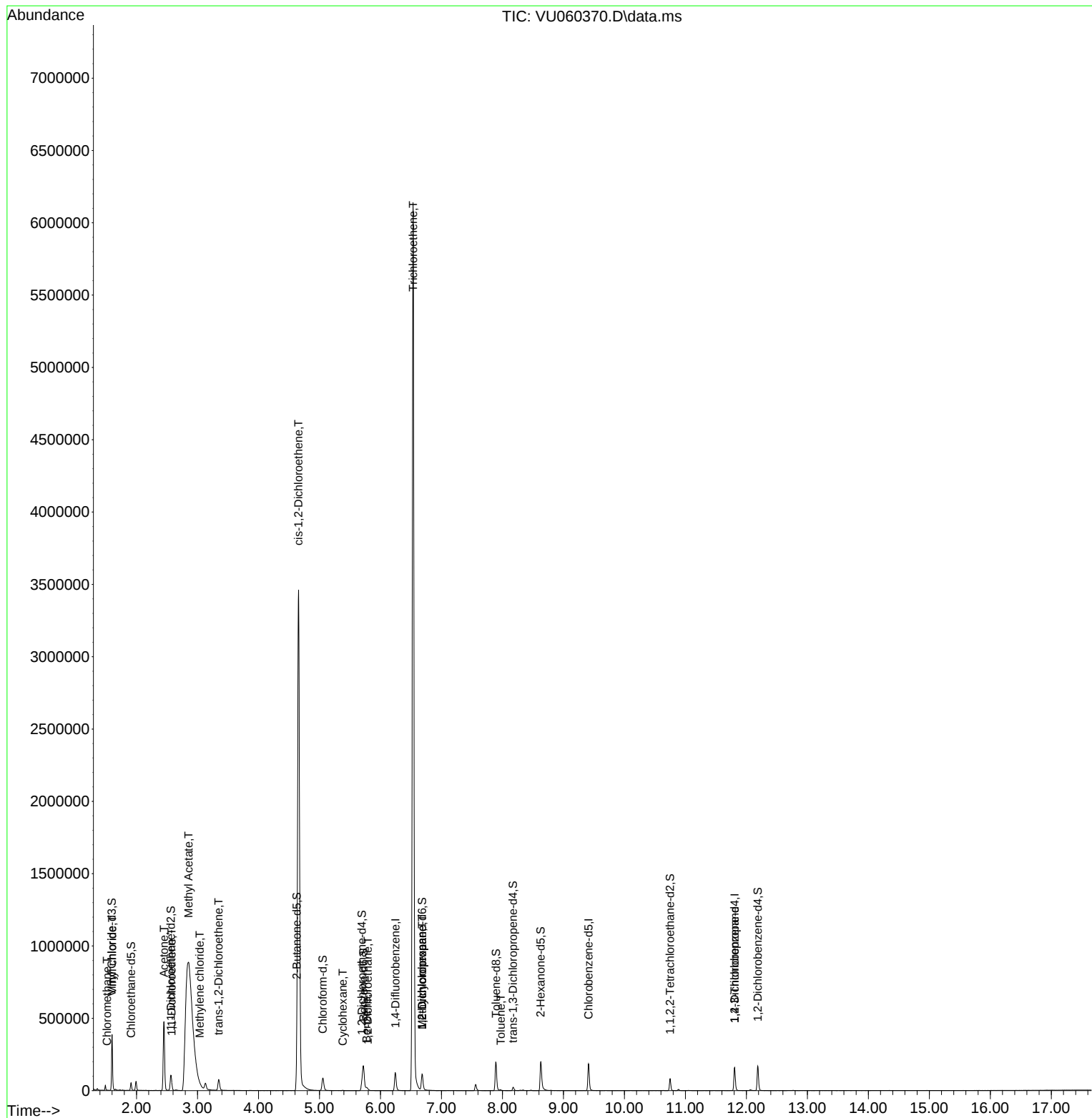
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

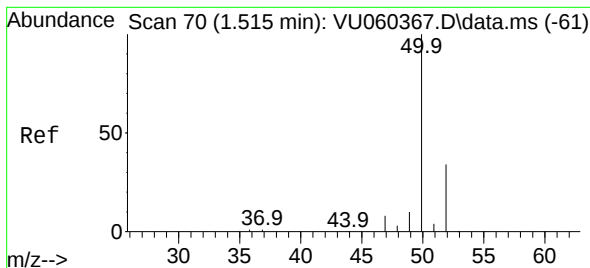
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	107600	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	112920	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	48109	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42249	5.002	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.911	69	39351	5.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.563	65	17832	4.961	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.200%
20) 2-Butanone-d5	4.628	46	103546	57.767	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.540%
24) Chloroform-d	5.055	84	84376	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.695	65	40924	5.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.721	84	171808	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.682	67	58083	5.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.894	98	141684	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.174	79	15367	4.500	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.627	63	73496	48.497	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.000%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	43538	5.023	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	48029	5.419	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	820	0.114	ug/L	98
5) Vinyl chloride	1.602	62	110048	13.019	ug/L	99
12) 1,1-Dichloroethene	2.576	96	11161	1.573	ug/L #	57
13) Acetone	2.451	43	308881	252.349	ug/L	37
15) Methyl Acetate	2.853	43	929120	366.358	ug/L #	48
16) Methylene chloride	3.036	84	1518	0.151	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	33341	4.791	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	1904928	226.721	ug/L	95
27) 1,2-Dichloroethane	5.792	62	5574	0.670	ug/L	95
30) Cyclohexane	5.383	56	1076	0.108	ug/L #	76
33) Benzene	5.772	78	20388	0.627	ug/L	100
34) Trichloroethene	6.534	95	2188104	257.117	ug/L	98
35) Methylcyclohexane	6.685	83	13293	1.196	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	5446	0.616	ug/L #	88
42) Toluene	7.972	91	4049	0.118	ug/L	92
61) 1,2,3-Trichloropropane	11.807	75	5349	1.148	ug/L #	62

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

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#3

Chloromethane

Concen: 0.114 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU060370.D

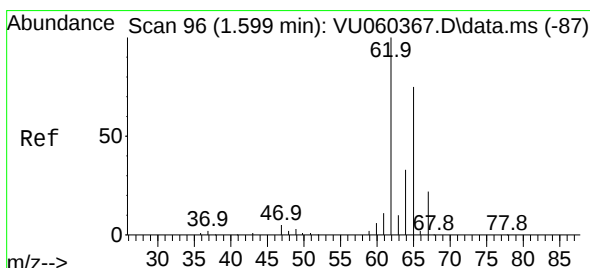
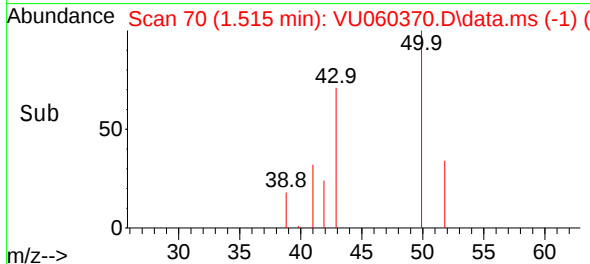
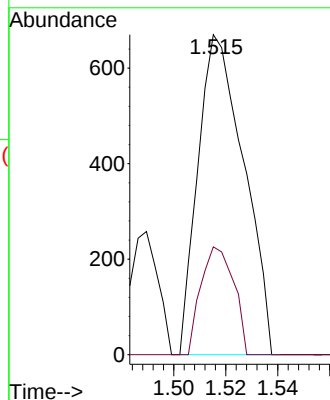
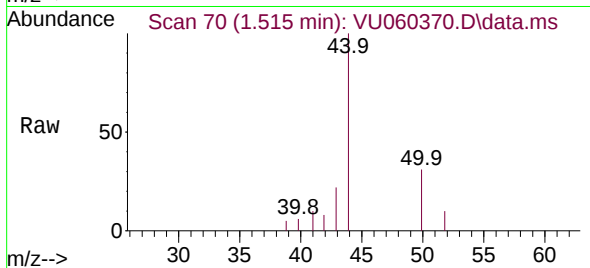
Acq: 09 Aug 2024 12:24

Tgt Ion: 50 Resp: 820

Ion Ratio Lower Upper

50 100

52 33.7 22.8 42.4



#5

Vinyl chloride

Concen: 13.019 ug/L

RT: 1.602 min Scan# 97

Delta R.T. 0.003 min

Lab File: VU060370.D

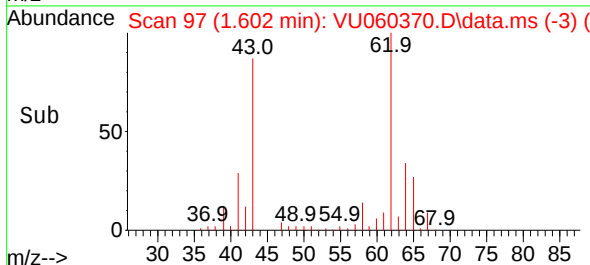
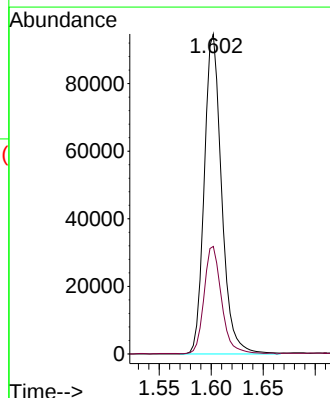
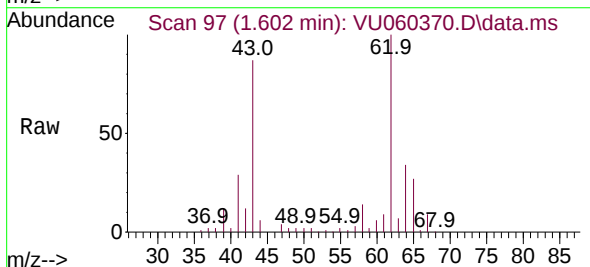
Acq: 09 Aug 2024 12:24

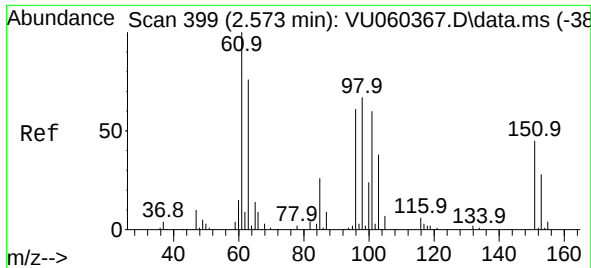
Tgt Ion: 62 Resp: 110048

Ion Ratio Lower Upper

62 100

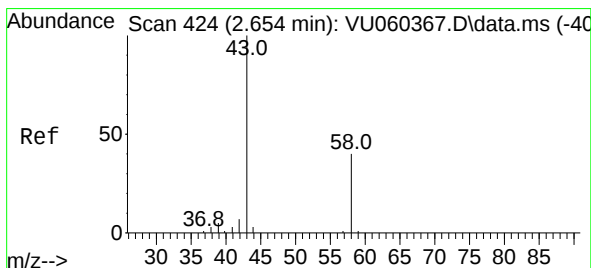
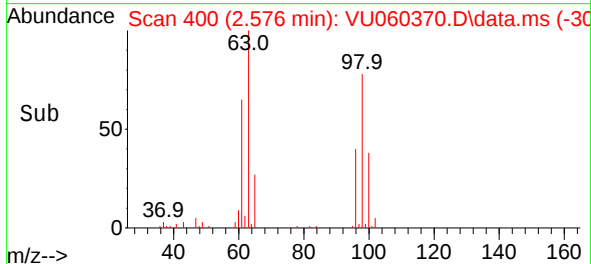
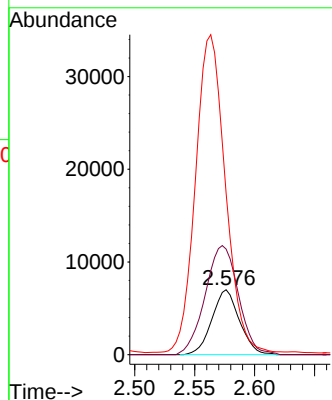
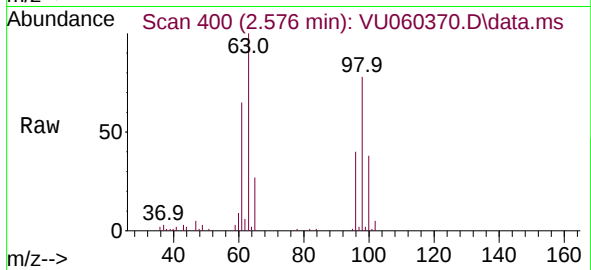
64 33.6 24.1 44.7





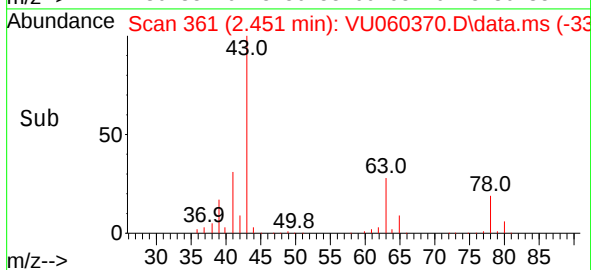
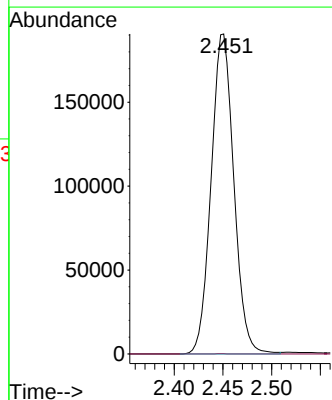
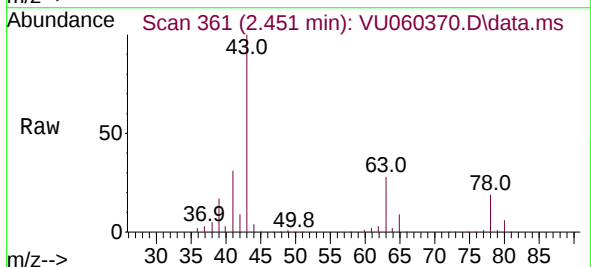
#12
1,1-Dichloroethene
Concen: 1.573 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060370.D
Acq: 09 Aug 2024 12:24

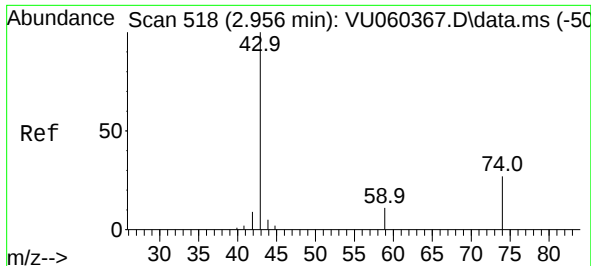
Tgt Ion: 96 Resp: 11161
Ion Ratio Lower Upper
96 100
61 162.7 114.4 212.4
63 248.5 96.0 178.4#



#13
Acetone
Concen: 252.349 ug/L
RT: 2.451 min Scan# 361
Delta R.T. -0.203 min
Lab File: VU060370.D
Acq: 09 Aug 2024 12:24

Tgt Ion: 43 Resp: 308881
Ion Ratio Lower Upper
43 100
58 0.9 0.0 78.8





#15

Methyl Acetate

Concen: 366.358 ug/L

RT: 2.853 min Scan# 486

Delta R.T. -0.103 min

Lab File: VU060370.D

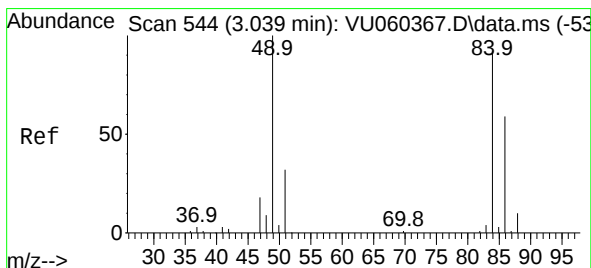
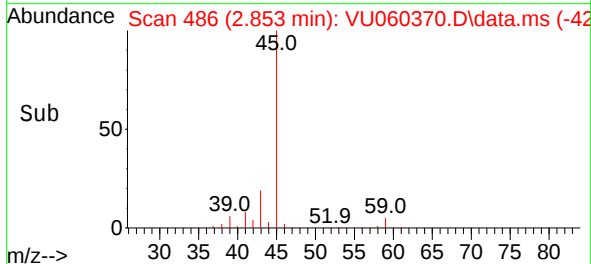
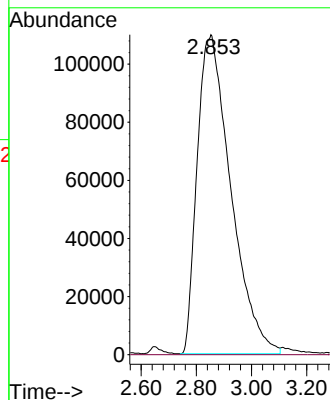
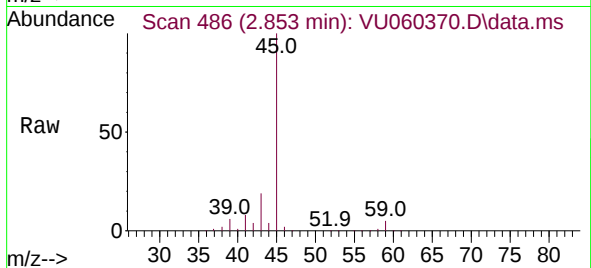
Acq: 09 Aug 2024 12:24

Tgt Ion: 43 Resp: 929120

Ion Ratio Lower Upper

43 100

74 0.0 21.3 31.9#



#16

Methylene chloride

Concen: 0.151 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU060370.D

Acq: 09 Aug 2024 12:24

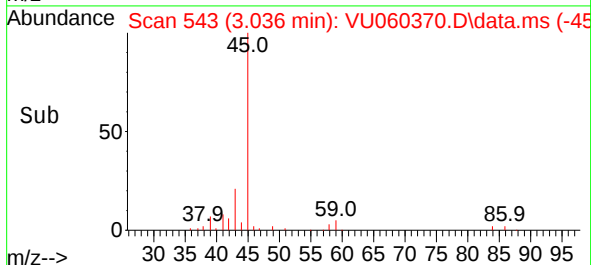
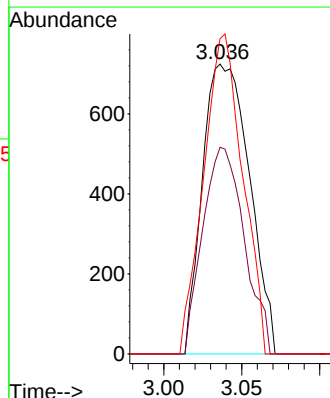
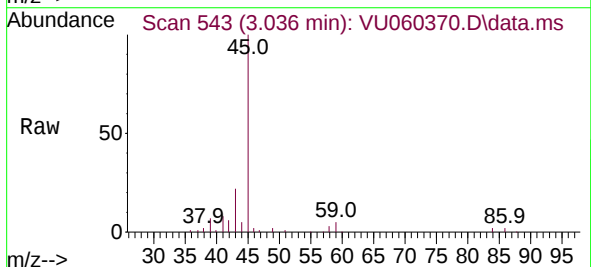
Tgt Ion: 84 Resp: 1518

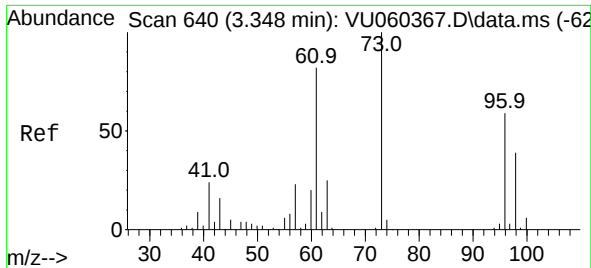
Ion Ratio Lower Upper

84 100

86 71.3 47.1 87.5

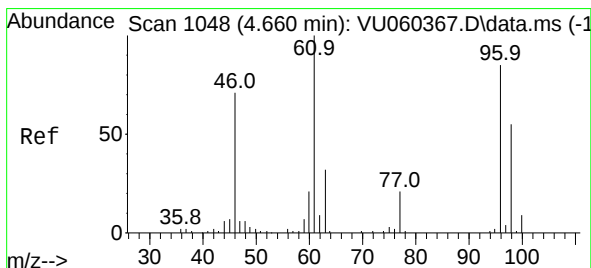
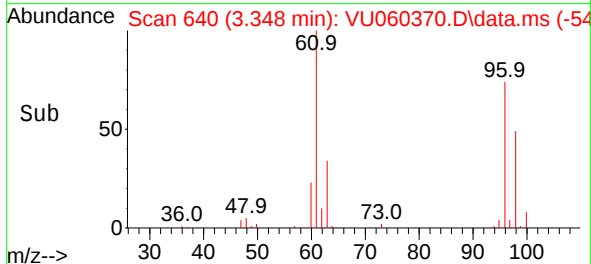
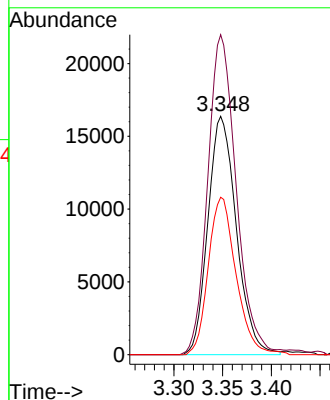
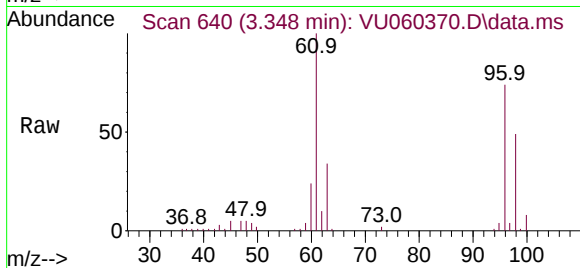
49 108.7 73.9 137.3





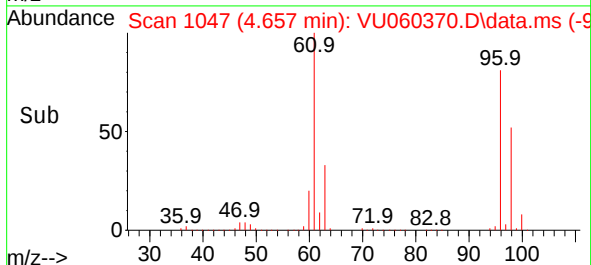
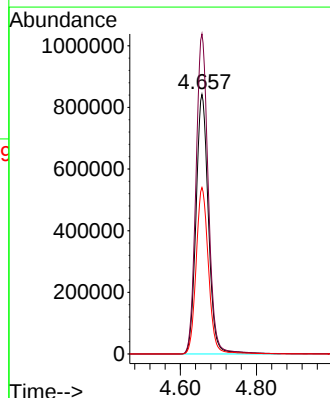
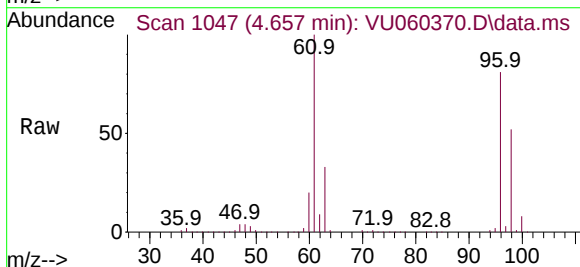
#18
trans-1,2-Dichloroethene
Concen: 4.791 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060370.D
Acq: 09 Aug 2024 12:24

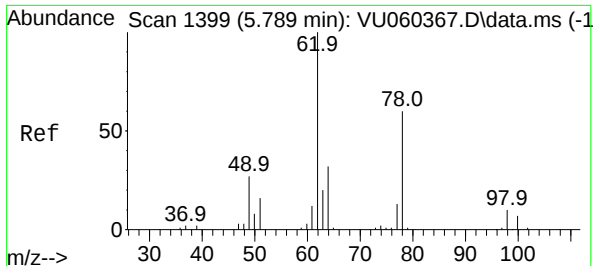
Tgt Ion: 96 Resp: 33341
Ion Ratio Lower Upper
96 100
61 134.2 93.7 174.1
98 66.0 44.7 82.9



#22
cis-1,2-Dichloroethene
Concen: 226.721 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060370.D
Acq: 09 Aug 2024 12:24

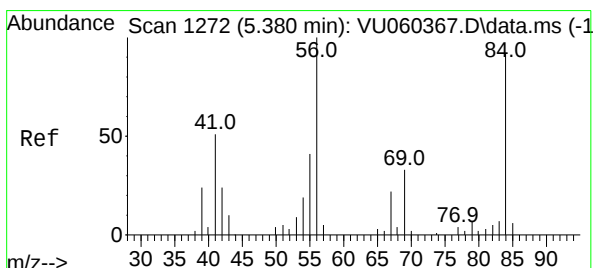
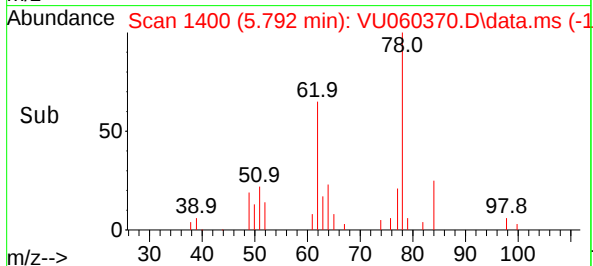
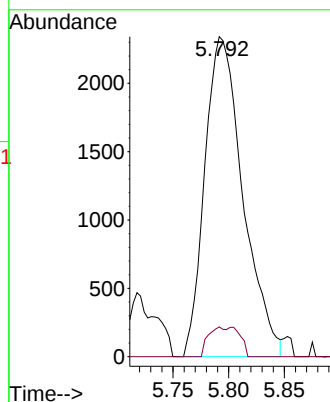
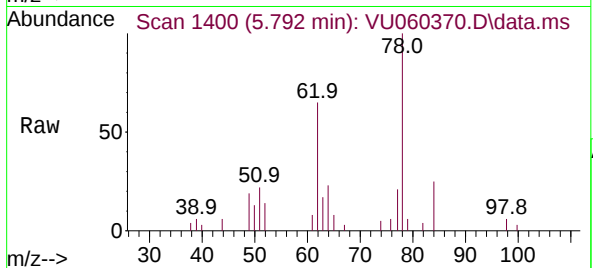
Tgt Ion: 96 Resp: 1904928
Ion Ratio Lower Upper
96 100
61 123.3 81.5 151.5
98 64.1 43.5 80.7





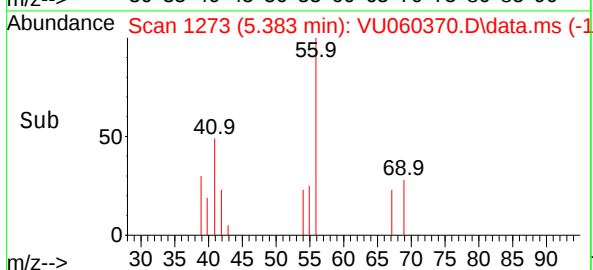
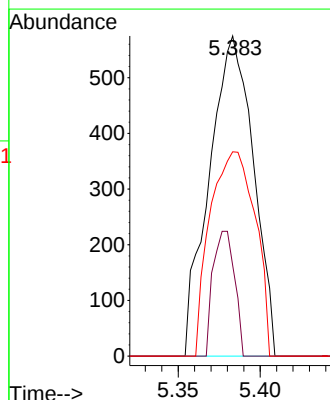
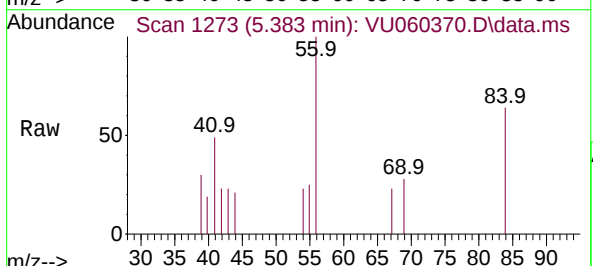
#27
1,2-Dichloroethane
Concen: 0.670 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU060370.D
Acq: 09 Aug 2024 12:24

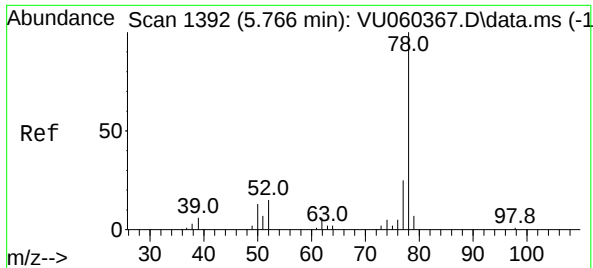
Tgt Ion: 62 Resp: 5574
Ion Ratio Lower Upper
62 100
98 9.3 9.0 13.6



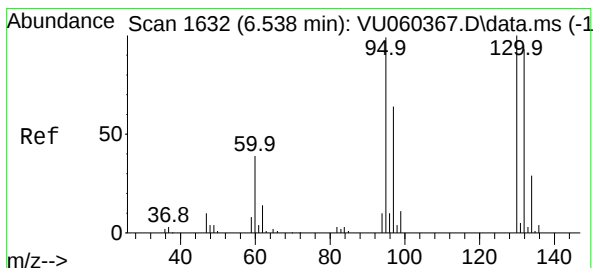
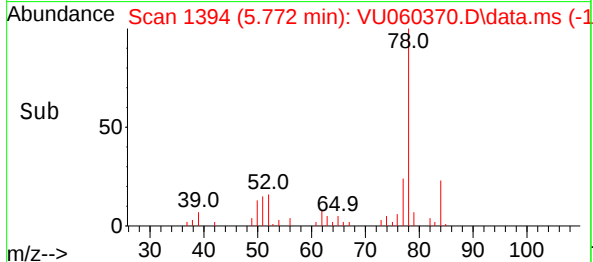
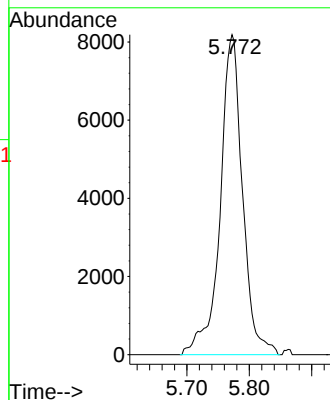
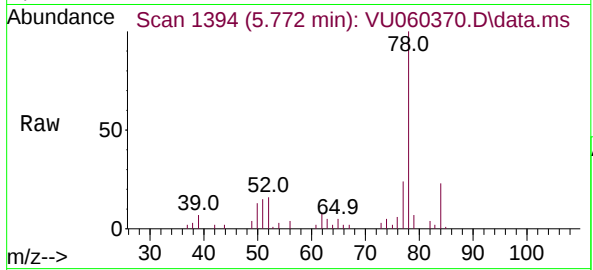
#30
Cyclohexane
Concen: 0.108 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU060370.D
Acq: 09 Aug 2024 12:24

Tgt Ion: 56 Resp: 1076
Ion Ratio Lower Upper
56 100
69 18.9 24.7 37.1#
84 65.1 70.7 106.1#

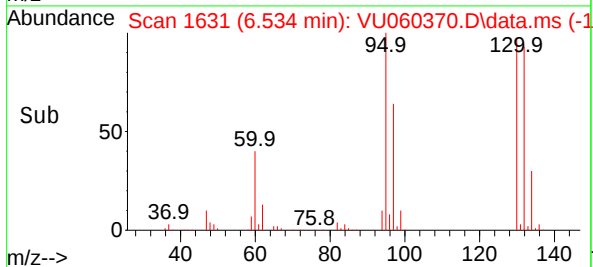
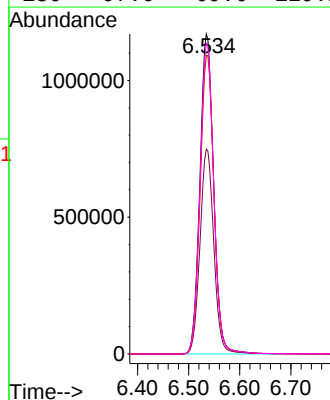
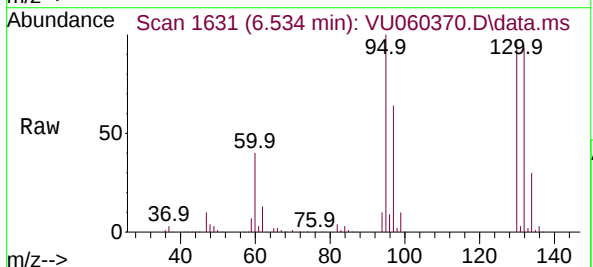


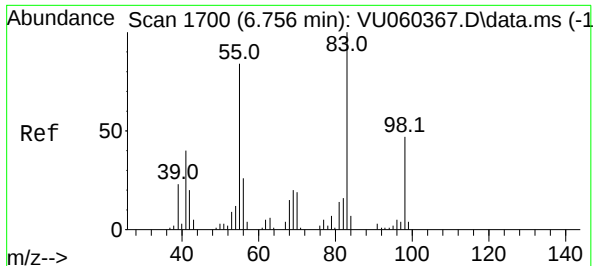


#33
Benzene
Concen: 0.627 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VU060370.D
Acq: 09 Aug 2024 12:24
Tgt Ion: 78 Resp: 20388



#34
Trichloroethene
Concen: 257.117 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU060370.D
Acq: 09 Aug 2024 12:24
Tgt Ion: 95 Resp: 2188104





#35

Methylcyclohexane

Concen: 1.196 ug/L

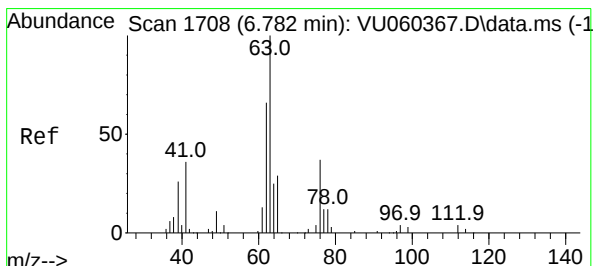
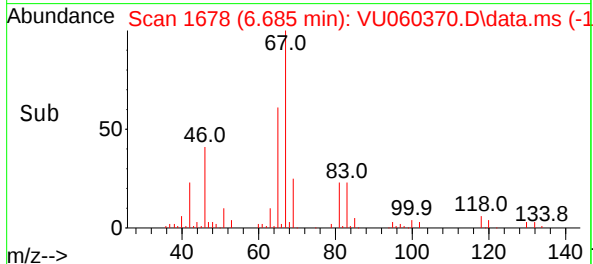
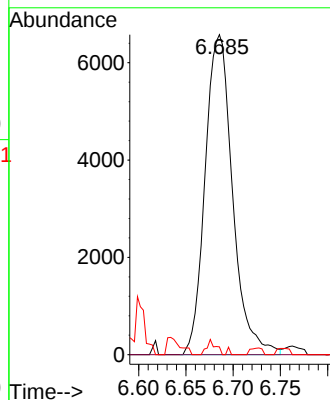
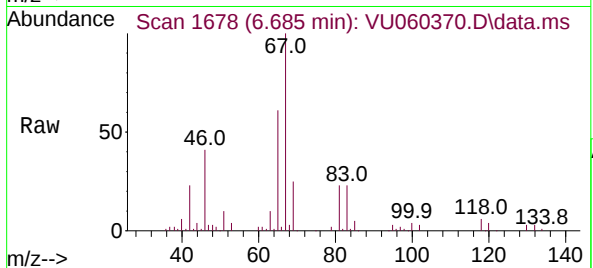
RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU060370.D

Acq: 09 Aug 2024 12:24

Tgt Ion:	83	Resp:	13293
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.4	93.6#
98	0.0	37.3	55.9#



#37

1,2-Dichloropropane

Concen: 0.616 ug/L

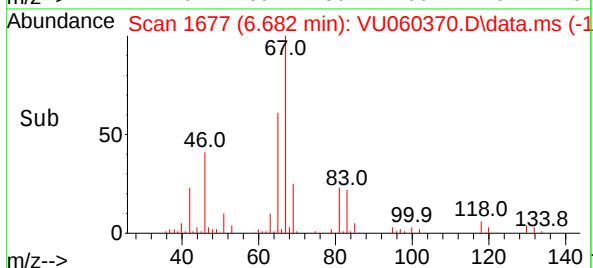
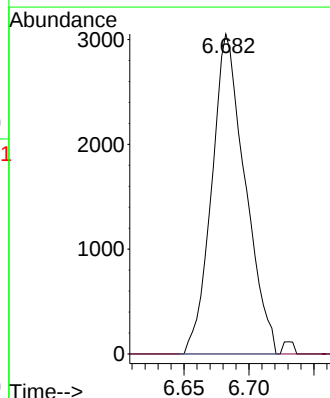
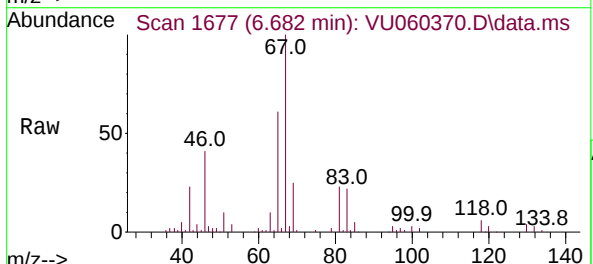
RT: 6.682 min Scan# 1677

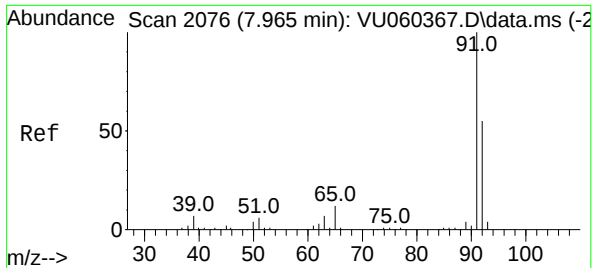
Delta R.T. -0.100 min

Lab File: VU060370.D

Acq: 09 Aug 2024 12:24

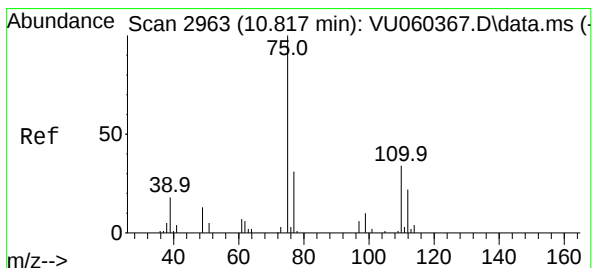
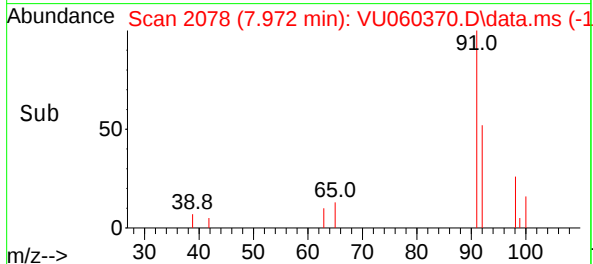
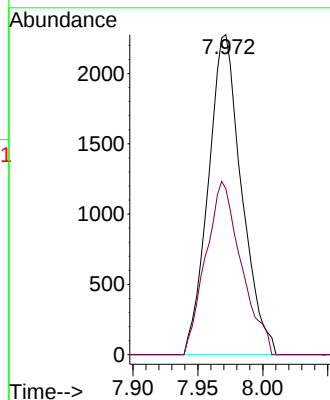
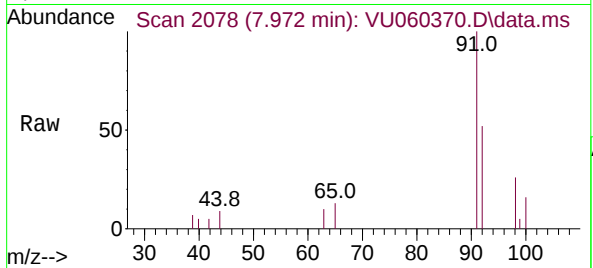
Tgt Ion:	63	Resp:	5446
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.3	4.9#





#42
Toluene
Concen: 0.118 ug/L
RT: 7.972 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VU060370.D
Acq: 09 Aug 2024 12:24

Tgt Ion: 91 Resp: 4049
Ion Ratio Lower Upper
91 100
92 51.9 40.6 75.4



#61
1,2,3-Trichloropropane
Concen: 1.148 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU060370.D
Acq: 09 Aug 2024 12:24

Tgt Ion: 75 Resp: 5349
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 28.1 27.0 40.6

