

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080924\
 Data File : VU060378.D
 Acq On : 09 Aug 2024 15:31
 Operator : MD/SY
 Sample : P3401-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 10 04:55:57 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

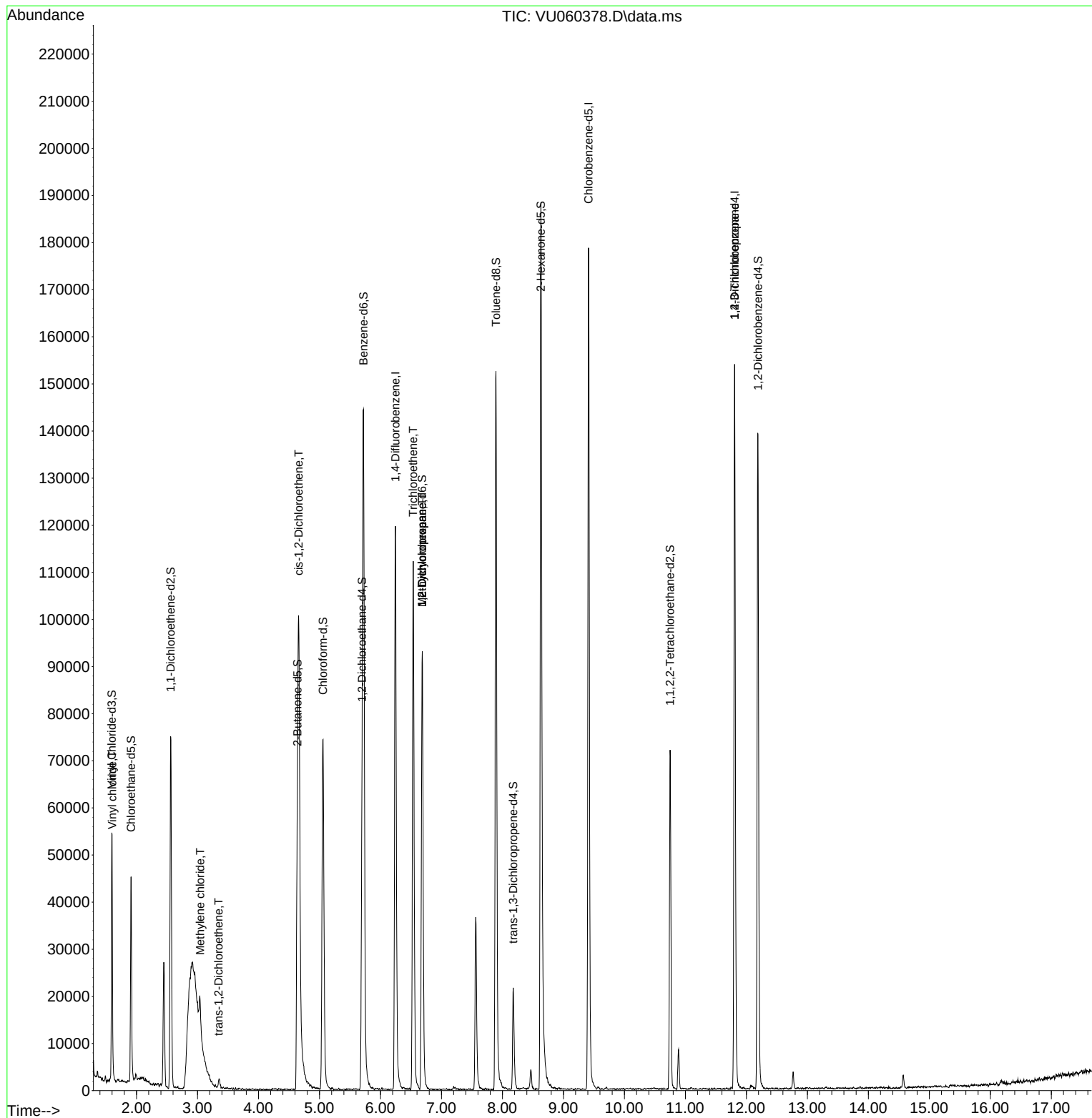
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

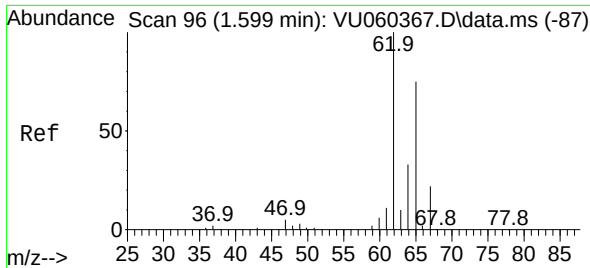
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	103949	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	109675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	45368	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34545	4.234	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.911	69	32589	4.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.560	65	13753	3.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.637	46	94689	54.681	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.360%
24) Chloroform-d	5.058	84	75340	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.698	65	37319	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.721	84	139574	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.685	67	49685	4.843	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.894	98	111759	3.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	8.177	79	14248	4.296	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.631	63	68643	46.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.260%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39018	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	41345	4.947	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	2586	0.317	ug/L #	80
16) Methylene chloride	3.042	84	3285	0.337	ug/L	92
18) trans-1,2-Dichloroethene	3.348	96	862	0.128	ug/L	91
22) cis-1,2-Dichloroethene	4.660	96	40811	5.028	ug/L	94
34) Trichloroethene	6.537	95	40039	4.844	ug/L	99
35) Methylcyclohexane	6.685	83	11032	1.022	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	4853	0.565	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	5311	1.209	ug/L #	63

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

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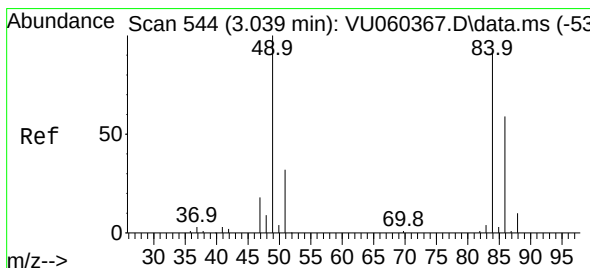
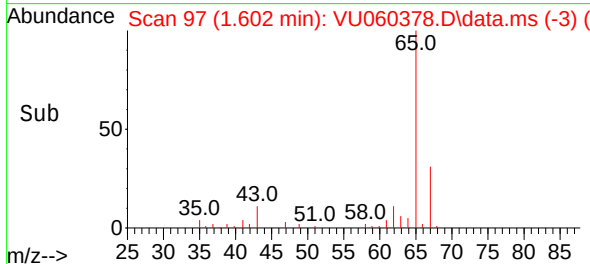
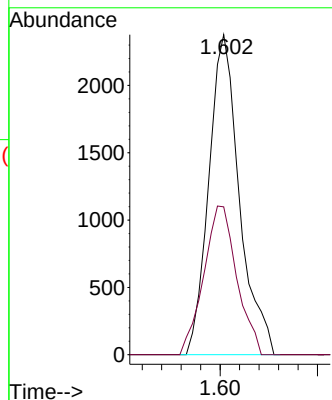
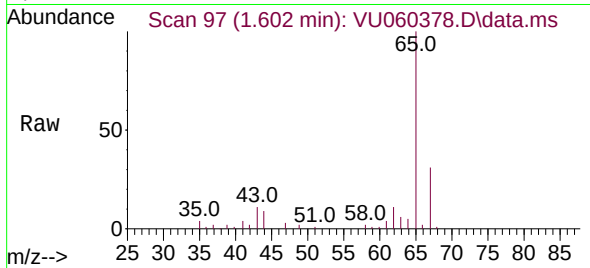
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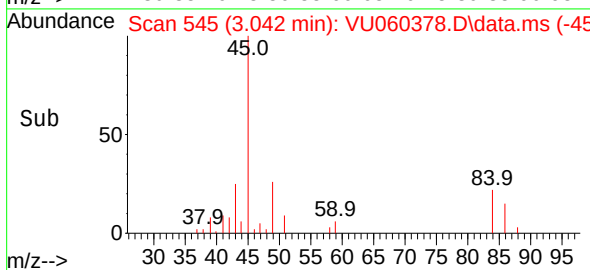
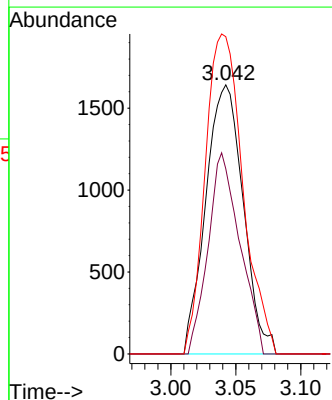
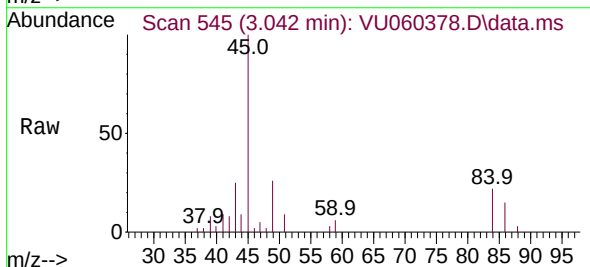
#5
 Vinyl chloride
 Concen: 0.317 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VU060378.D
 Acq: 09 Aug 2024 15:31

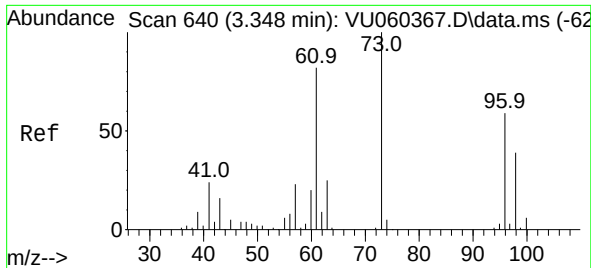
Tgt Ion: 62 Resp: 2586
 Ion Ratio Lower Upper
 62 100
 64 46.2 24.1 44.7#



#16
 Methylene chloride
 Concen: 0.337 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU060378.D
 Acq: 09 Aug 2024 15:31

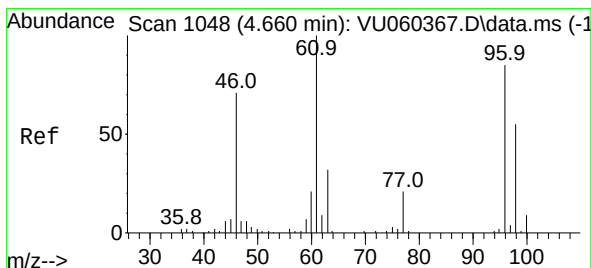
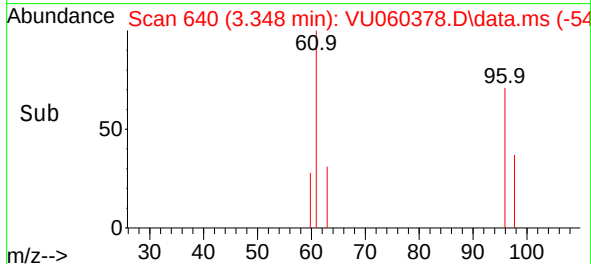
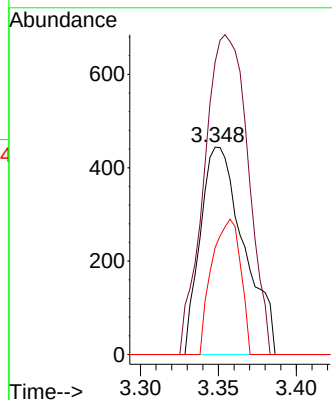
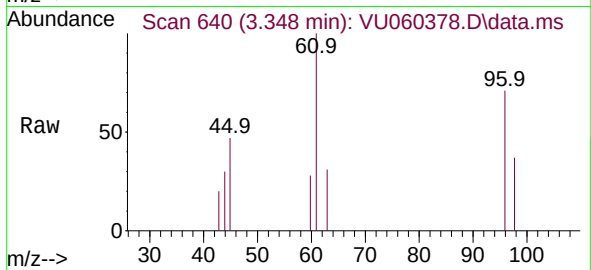
Tgt Ion: 84 Resp: 3285
 Ion Ratio Lower Upper
 84 100
 86 68.8 47.1 87.5
 49 117.9 73.9 137.3





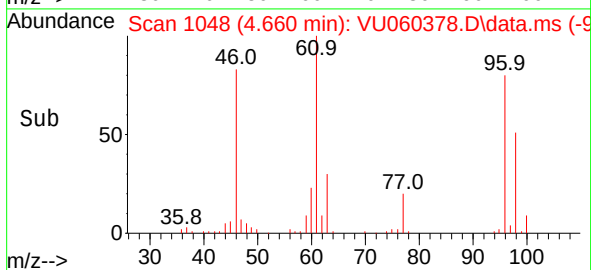
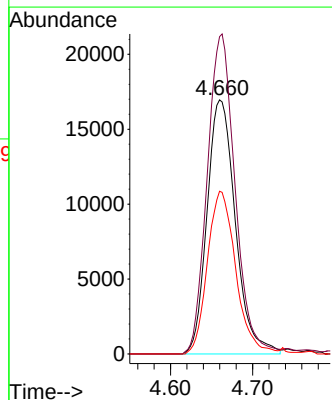
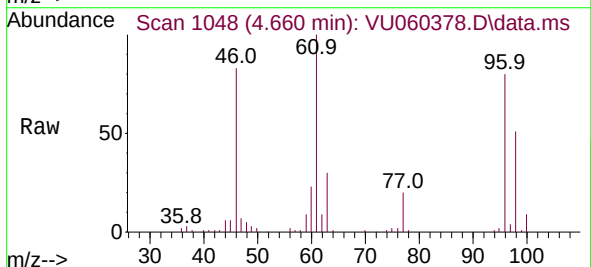
#18
trans-1,2-Dichloroethene
Concen: 0.128 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU060378.D
Acq: 09 Aug 2024 15:31

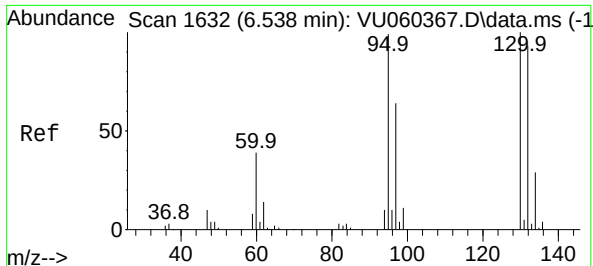
Tgt Ion:	96	Resp:	862
Ion	Ratio	Lower	Upper
96	100		
61	141.0	93.7	174.1
98	51.6	44.7	82.9



#22
cis-1,2-Dichloroethene
Concen: 5.028 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU060378.D
Acq: 09 Aug 2024 15:31

Tgt Ion:	96	Resp:	40811
Ion	Ratio	Lower	Upper
96	100		
61	124.9	81.5	151.5
98	64.0	43.5	80.7





#34

Trichloroethene

Concen: 4.844 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU060378.D

Acq: 09 Aug 2024 15:31

Tgt Ion: 95 Resp: 40039

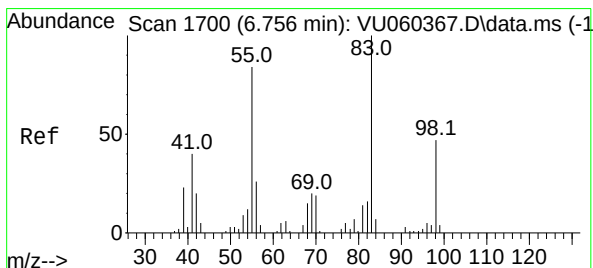
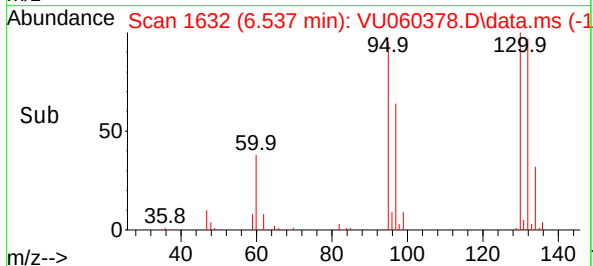
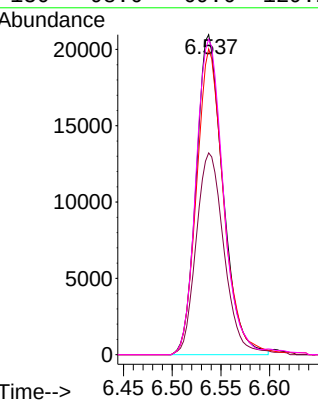
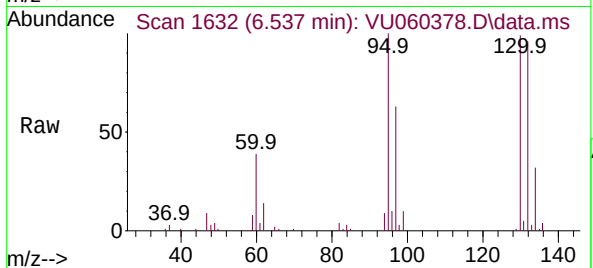
Ion Ratio Lower Upper

95 100

97 63.0 43.6 81.0

132 95.5 67.1 124.5

130 98.6 69.6 129.2



#35

Methylcyclohexane

Concen: 1.022 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU060378.D

Acq: 09 Aug 2024 15:31

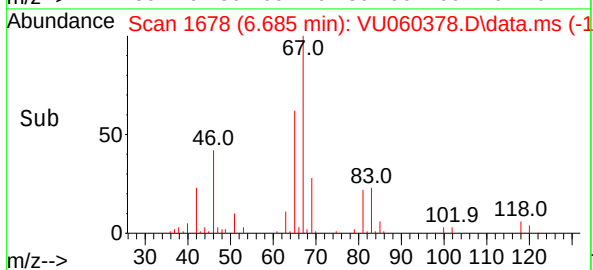
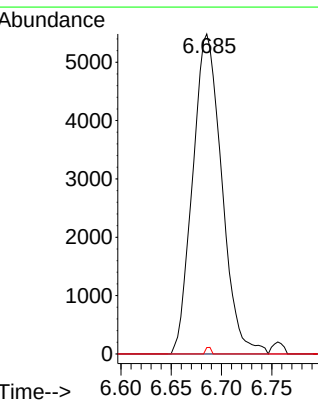
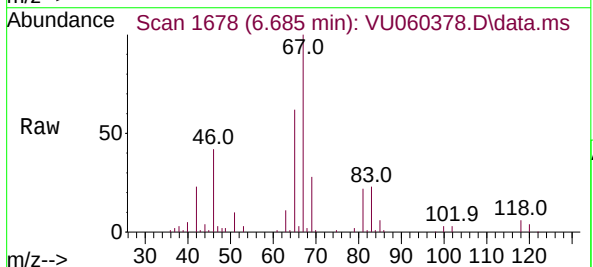
Tgt Ion: 83 Resp: 11032

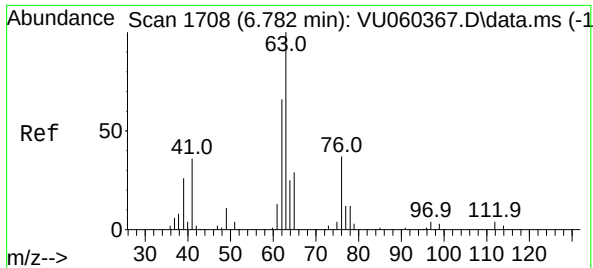
Ion Ratio Lower Upper

83 100

55 0.0 62.4 93.6#

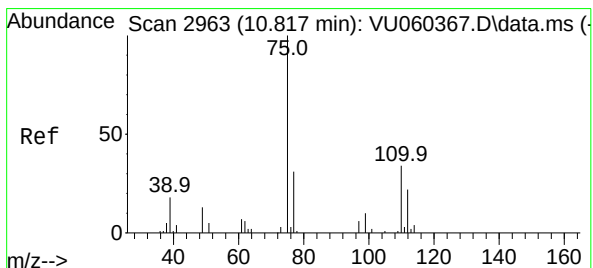
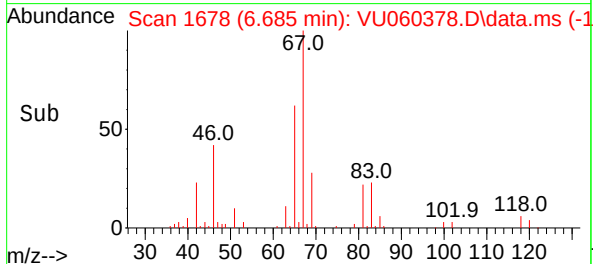
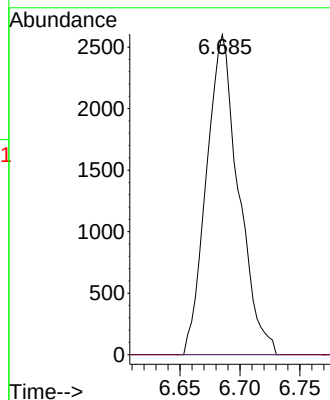
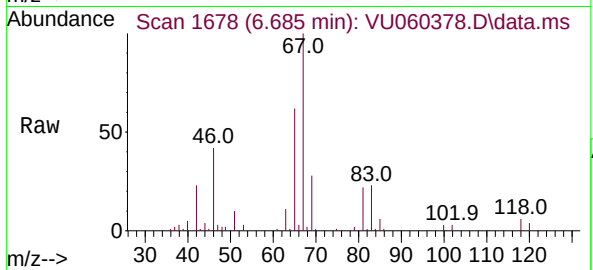
98 0.0 37.3 55.9#





#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.097 min
Lab File: VU060378.D
Acq: 09 Aug 2024 15:31

Tgt Ion: 63 Resp: 4853
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.209 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU060378.D
Acq: 09 Aug 2024 15:31

Tgt Ion: 75 Resp: 5311
Ion Ratio Lower Upper
75 100
110 2.0 29.9 44.9#
77 26.4 27.0 40.6#

