

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062875.D
 Acq On : 17 Jan 2025 16:35
 Operator : MD/SY
 Sample : Q1071-09DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 17 22:00:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 21:53:56 2025
 Response via : Initial Calibration

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

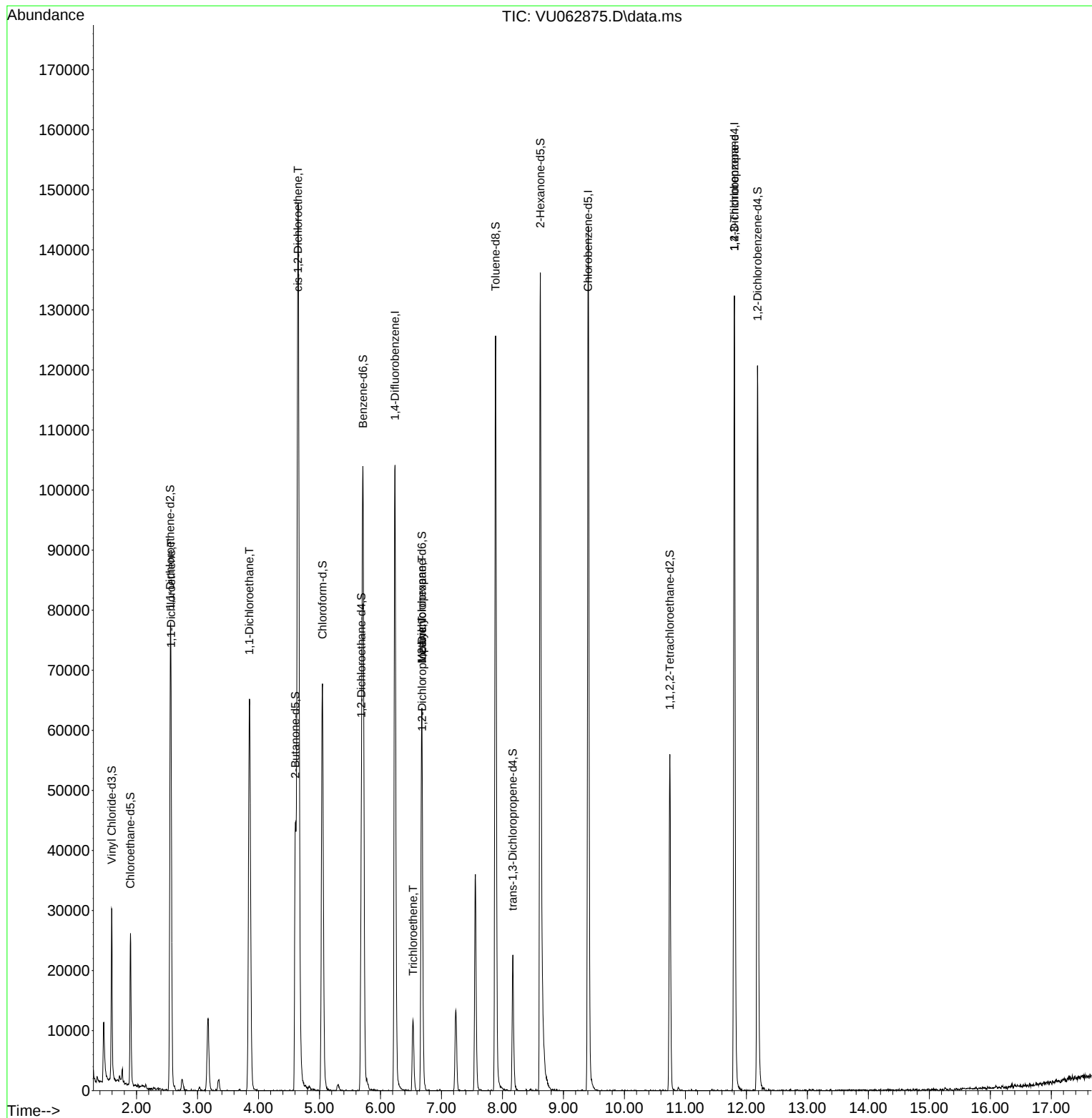
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	86437	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.406	117	82801	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38644	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19270	4.025	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.901	69	17611	4.573	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.554	65	10974	4.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.605	46	57984	59.263	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.520%
24) Chloroform-d	5.049	84	59430	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.689	65	35134	5.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.714	84	97276	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.679	67	27340	4.872	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.888	98	88196	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.171	79	14490	5.180	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.600%
46) 2-Hexanone-d5	8.621	63	48244	54.836	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.680%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25684	5.465	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	34475	5.362	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.567	96	12589	2.346	ug/L #	71
19) 1,1-Dichloroethane	3.853	63	72542	7.058	ug/L	95
22) cis-1,2-Dichloroethene	4.650	96	78676	12.567	ug/L	97
34) Trichloroethene	6.534	95	4355	0.536	ug/L	89
35) Methylcyclohexane	6.679	83	8111	0.811	ug/L #	24
37) 1,2-Dichloropropane	6.685	63	3994	0.712	ug/L #	85
61) 1,2,3-Trichloropropane	11.804	75	3619	1.056	ug/L #	63

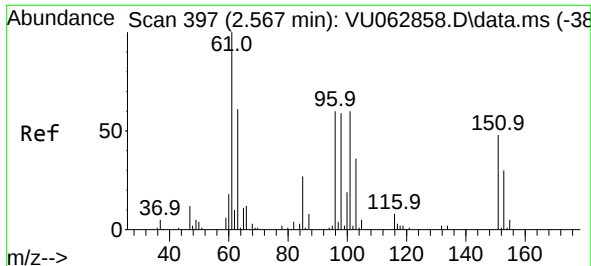
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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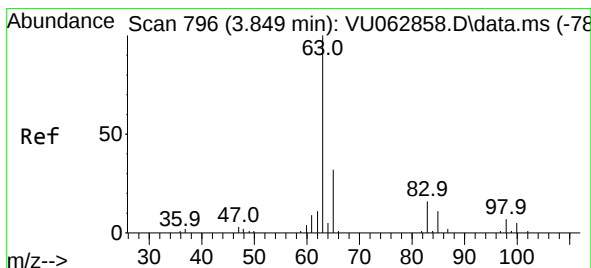
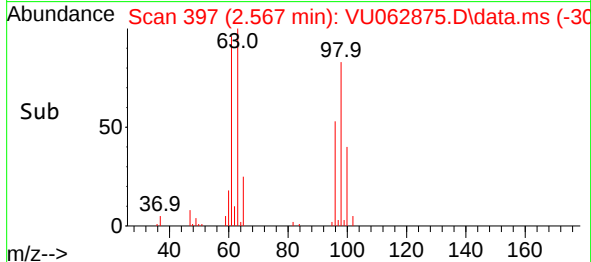
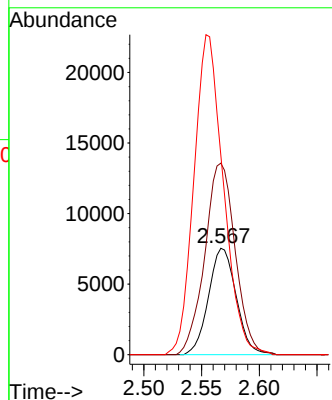
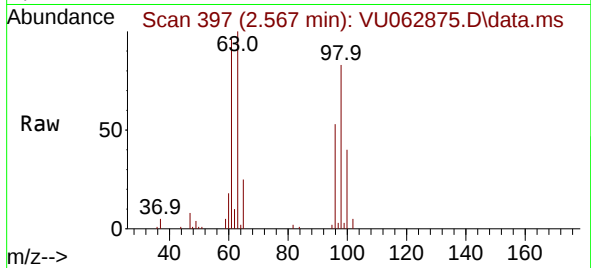




#12
 1,1-Dichloroethene
 Concen: 2.346 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: VU062875.D
 Acq: 17 Jan 2025 16:35

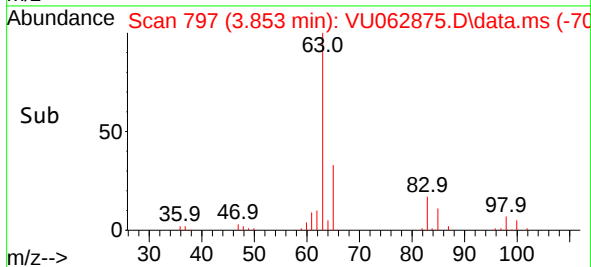
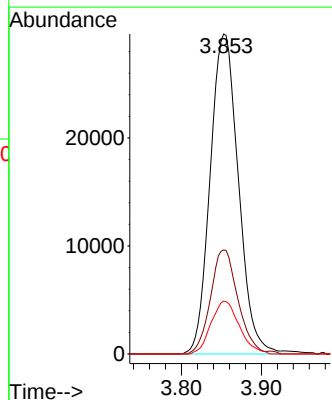
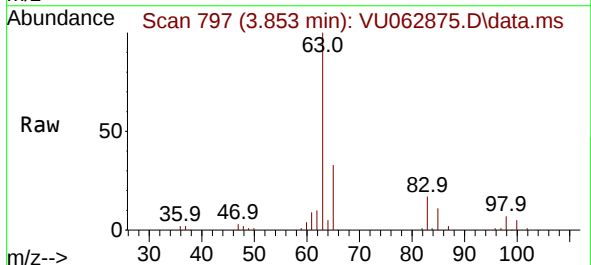
Instrument :
 MSVOA_U
 ClientSampleId :

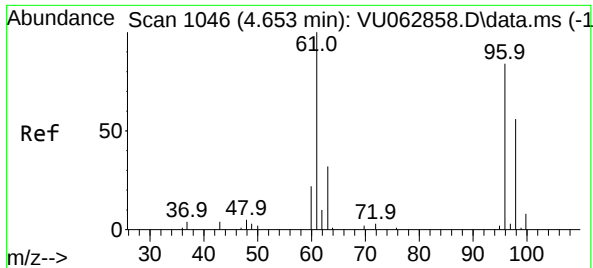
Tgt Ion: 96 Resp: 12589
 Ion Ratio Lower Upper
 96 100
 61 179.9 120.4 223.6
 63 187.3 82.3 152.9#



#19
 1,1-Dichloroethane
 Concen: 7.058 ug/L
 RT: 3.853 min Scan# 797
 Delta R.T. 0.003 min
 Lab File: VU062875.D
 Acq: 17 Jan 2025 16:35

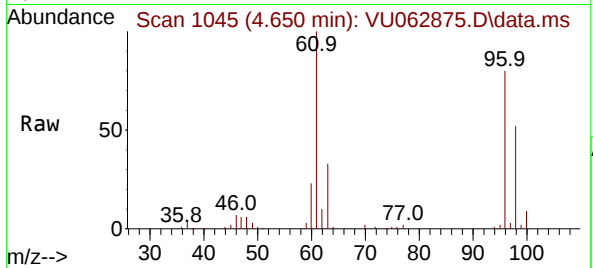
Tgt Ion: 63 Resp: 72542
 Ion Ratio Lower Upper
 63 100
 65 33.0 20.7 38.5
 83 16.5 10.5 19.5



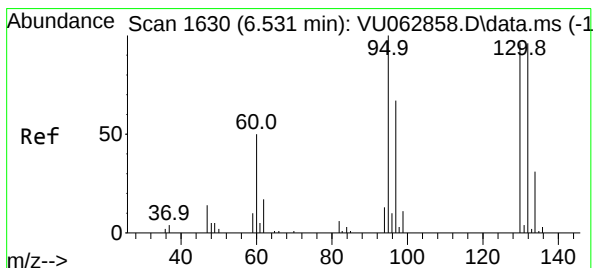
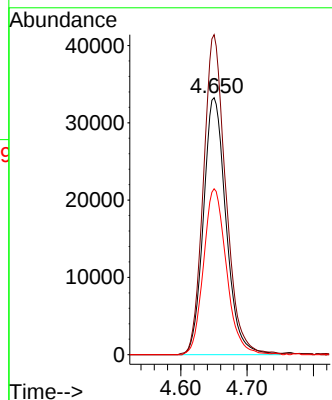
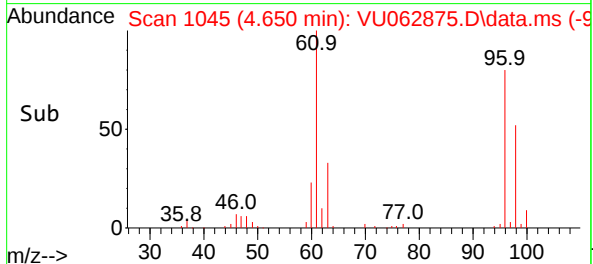


#22
 cis-1,2-Dichloroethene
 Concen: 12.567 ug/L
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.003 min
 Lab File: VU062875.D
 Acq: 17 Jan 2025 16:35

Instrument :
 MSVOA_U
 ClientSampleId :

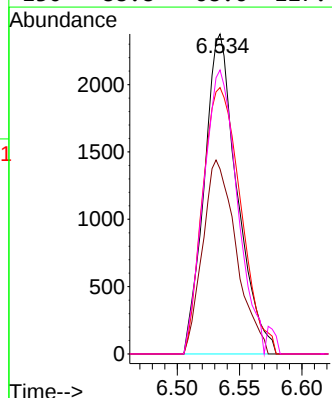
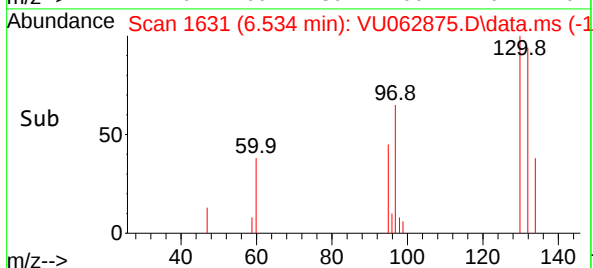
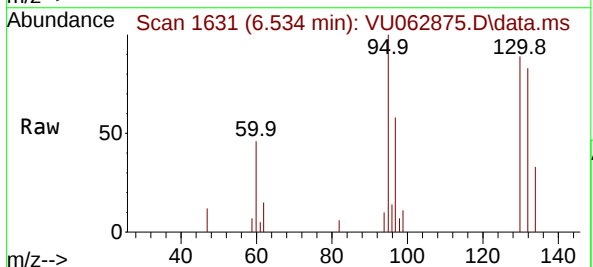


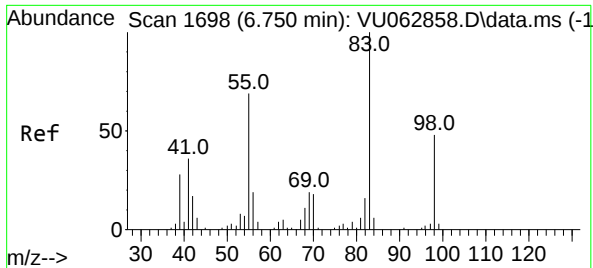
Tgt Ion: 96 Resp: 78676
 Ion Ratio Lower Upper
 96 100
 61 124.5 84.8 157.6
 98 64.6 43.1 80.1



#34
 Trichloroethene
 Concen: 0.536 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.003 min
 Lab File: VU062875.D
 Acq: 17 Jan 2025 16:35

Tgt Ion: 95 Resp: 4355
 Ion Ratio Lower Upper
 95 100
 97 57.8 47.5 88.3
 132 83.2 66.9 124.3
 130 88.8 68.6 127.4

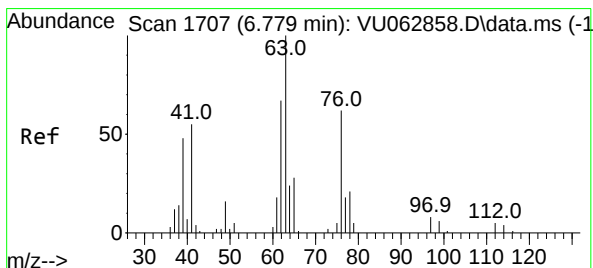
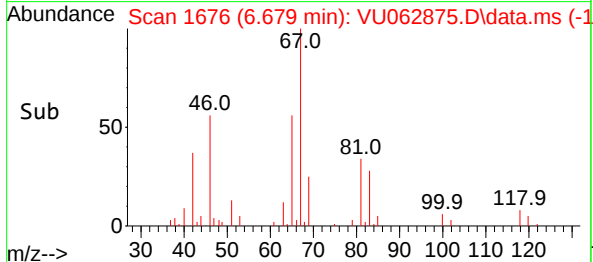
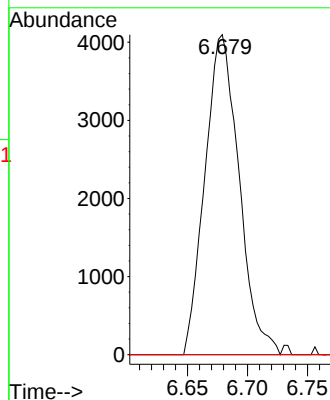
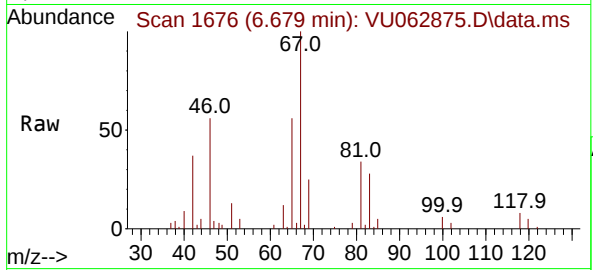




#35
Methylcyclohexane
Concen: 0.811 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062875.D
Acq: 17 Jan 2025 16:35

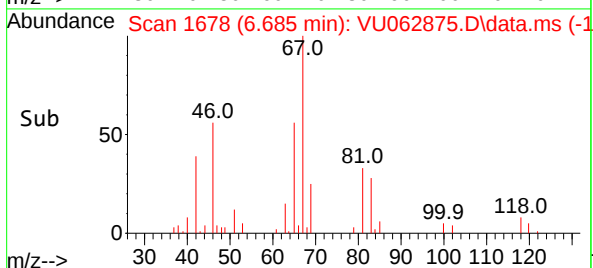
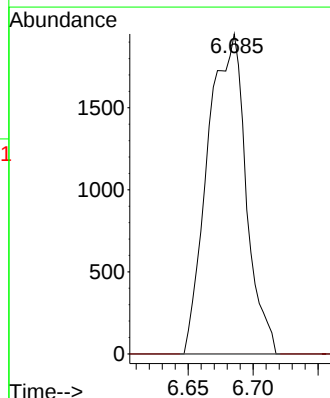
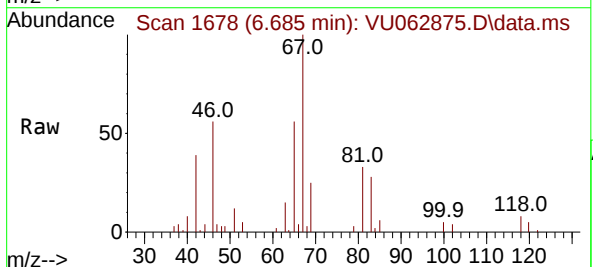
Instrument :
MSVOA_U
ClientSampleId :

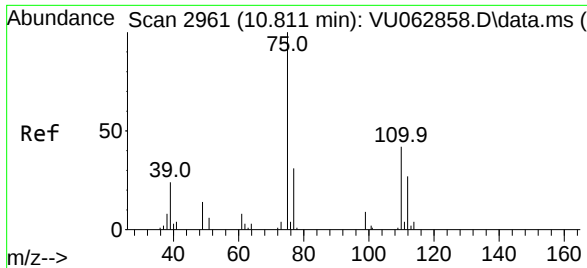
Tgt Ion: 83 Resp: 8111
Ion Ratio Lower Upper
83 100
55 0.0 57.2 85.8#
98 6.0 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.712 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.093 min
Lab File: VU062875.D
Acq: 17 Jan 2025 16:35

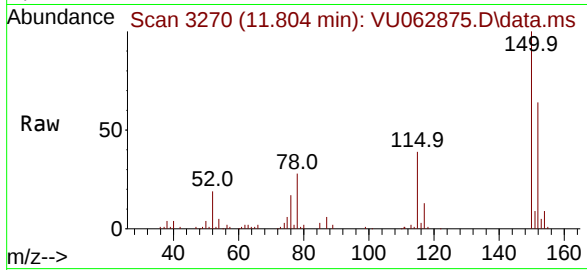
Tgt Ion: 63 Resp: 3994
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.056 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU062875.D
 Acq: 17 Jan 2025 16:35

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3619
 Ion Ratio Lower Upper
 75 100
 110 2.6 33.2 49.8#
 77 35.5 25.9 38.9

