

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060793.D
 Acq On : 16 Sep 2024 20:38
 Operator : MD/SY
 Sample : P3967-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 01:57:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:47:23 2024
 Response via : Initial Calibration

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

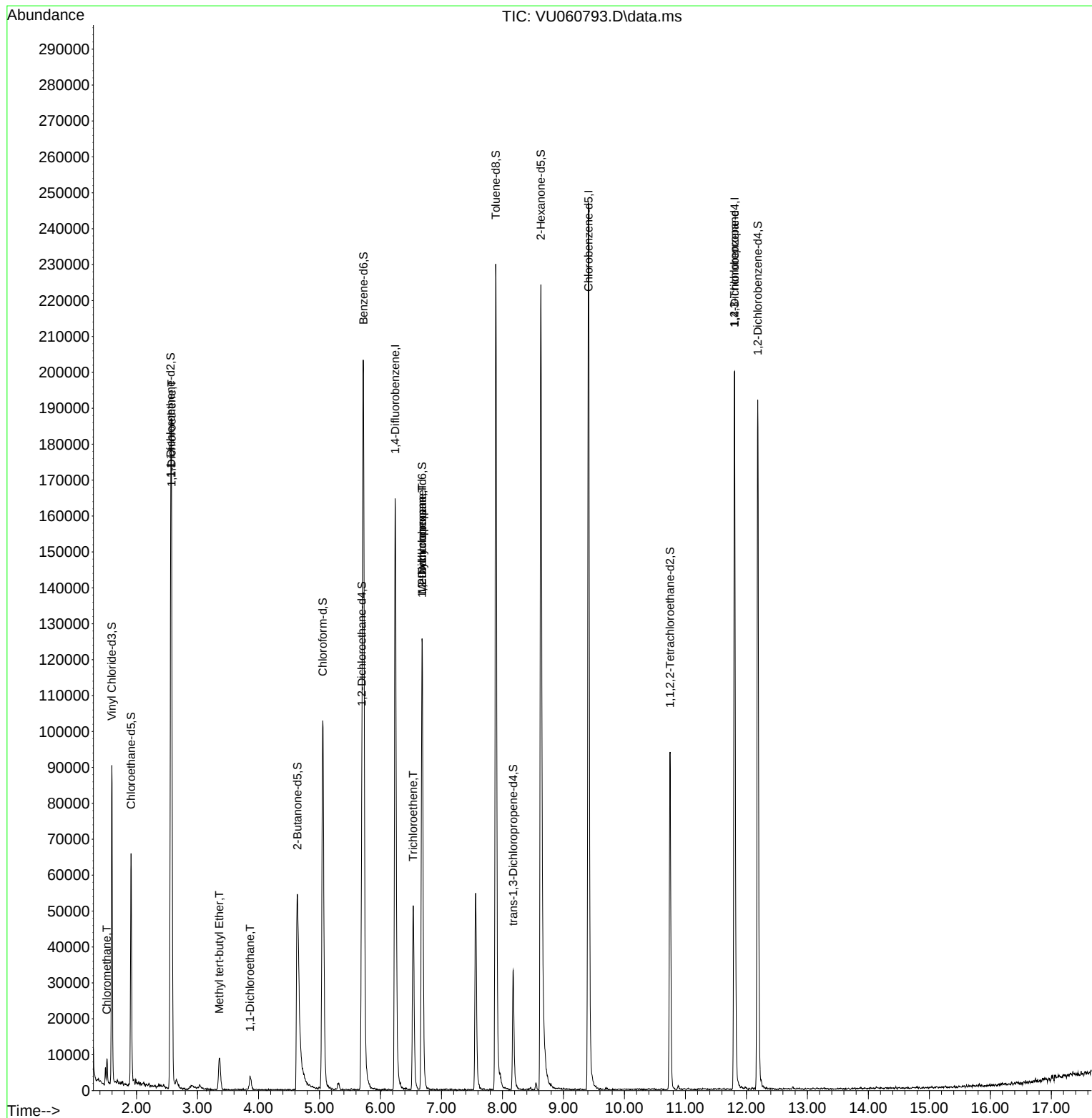
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	145097	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153822	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60076	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	62430	4.784	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.910	69	47744	5.138	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.560	65	23353	5.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	4.637	46	104945	50.091	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.180%
24) Chloroform-d	5.055	84	103065	5.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.695	65	50695	5.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.721	84	203086	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.682	67	66041	5.177	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.891	98	166310	4.425	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.177	79	22258	4.847	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.630	63	85402	47.150	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.300%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49934	4.997	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	57511	5.697	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	4502	0.389	ug/L	87
12) 1,1-Dichloroethene	2.576	96	38052	4.169	ug/L	93
17) Methyl tert-butyl Ether	3.357	73	10251	0.497	ug/L	97
19) 1,1-Dichloroethane	3.862	63	4974	0.262	ug/L #	88
34) Trichloroethene	6.537	95	18888	1.704	ug/L	92
35) Methylcyclohexane	6.682	83	15019	0.987	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6884	0.591	ug/L #	93
61) 1,2,3-Trichloropropane	11.804	75	6509	1.162	ug/L #	68

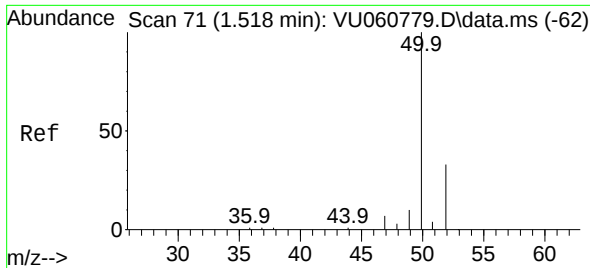
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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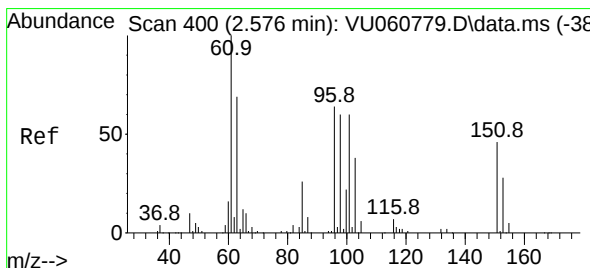
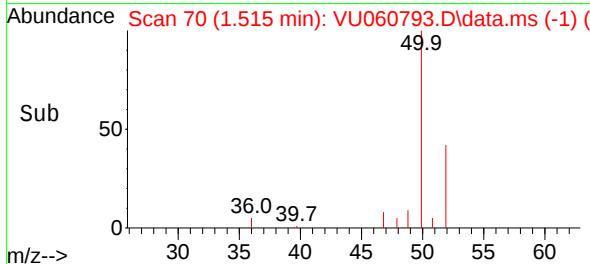
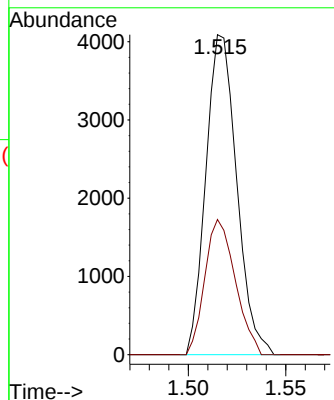
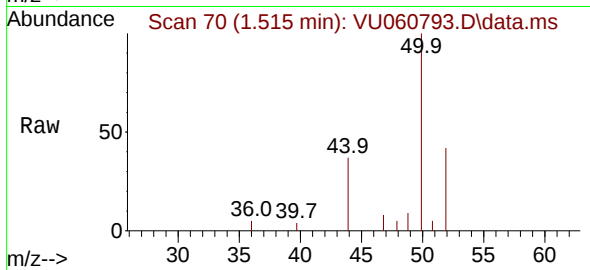




#3
Chloromethane
Concen: 0.389 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060793.D
Acq: 16 Sep 2024 20:38

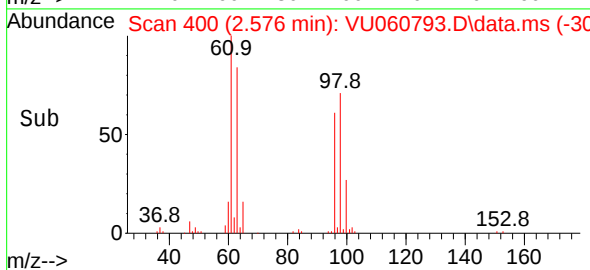
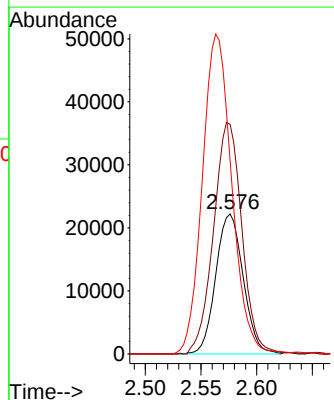
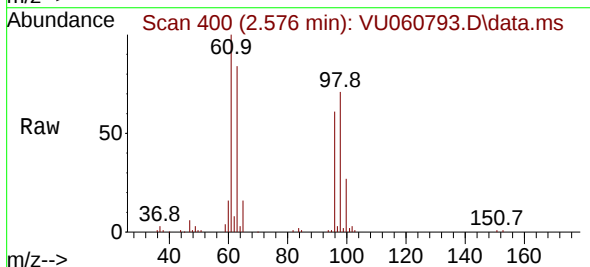
Instrument :
MSVOA_U
ClientSampleId :

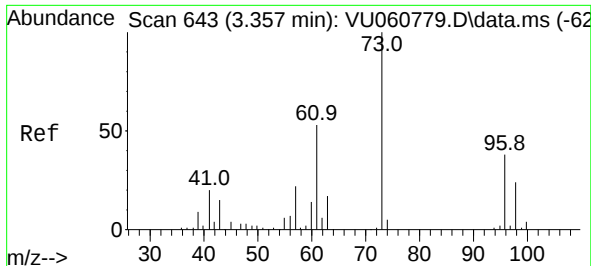
Tgt Ion: 50 Resp: 4502
Ion Ratio Lower Upper
50 100
52 42.2 24.4 45.4



#12
1,1-Dichloroethene
Concen: 4.169 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU060793.D
Acq: 16 Sep 2024 20:38

Tgt Ion: 96 Resp: 38052
Ion Ratio Lower Upper
96 100
61 164.0 120.7 224.1
63 138.1 90.0 167.2

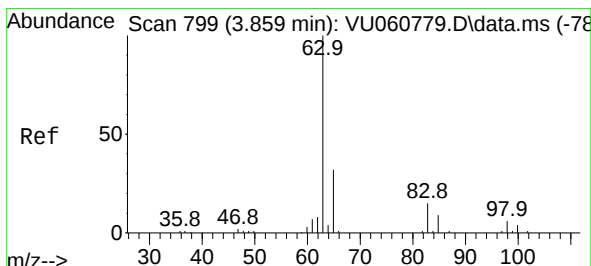
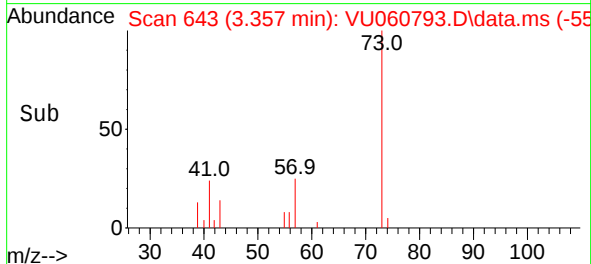
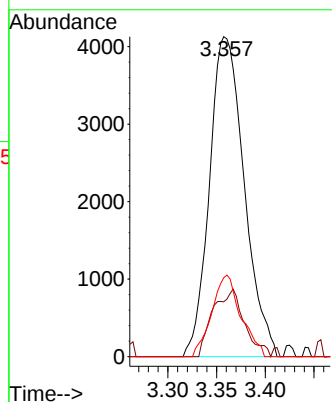
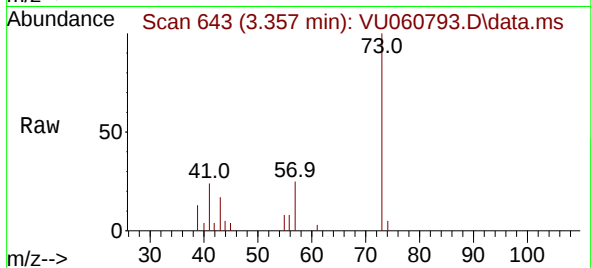




#17
Methyl tert-butyl Ether
Concen: 0.497 ug/L
RT: 3.357 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU060793.D
Acq: 16 Sep 2024 20:38

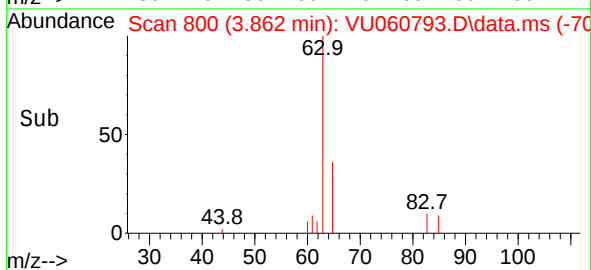
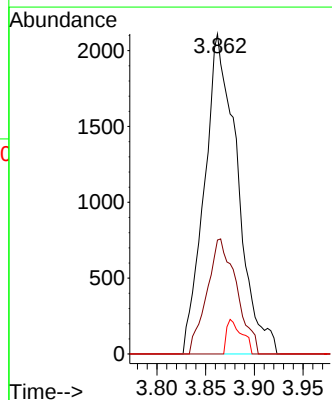
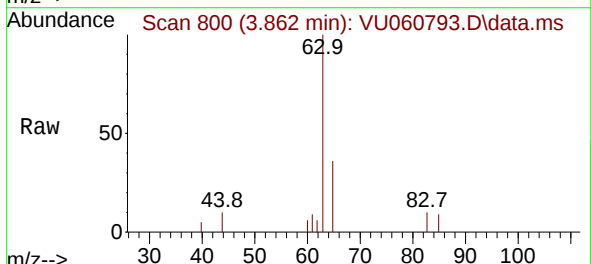
Instrument :
MSVOA_U
ClientSampleId :

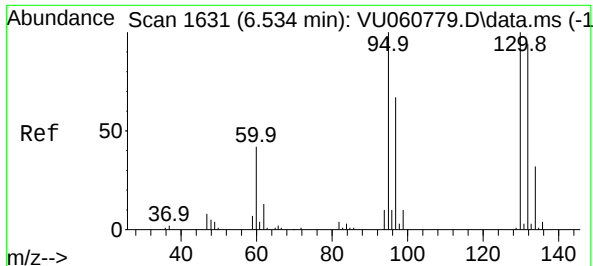
Tgt Ion:	73	Resp:	10251
Ion	Ratio	Lower	Upper
73	100		
43	19.1	13.8	20.8
57	21.4	18.0	27.0



#19
1,1-Dichloroethane
Concen: 0.262 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU060793.D
Acq: 16 Sep 2024 20:38

Tgt Ion:	63	Resp:	4974
Ion	Ratio	Lower	Upper
63	100		
65	35.6	23.0	42.8
83	0.0	9.0	16.6





#34

Trichloroethene

Concen: 1.704 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060793.D

Acq: 16 Sep 2024 20:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 18888

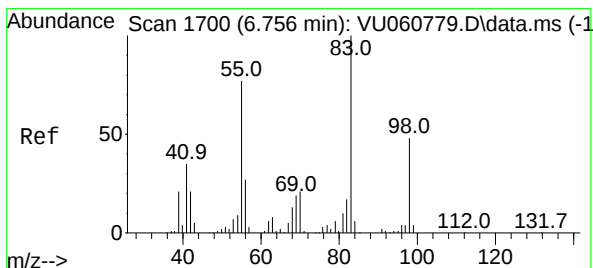
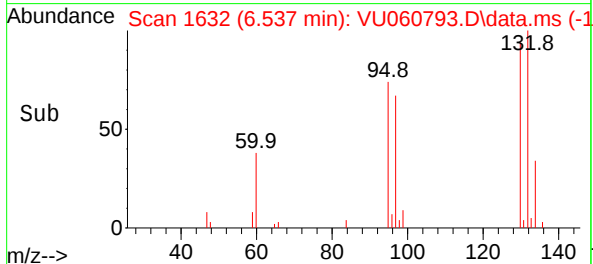
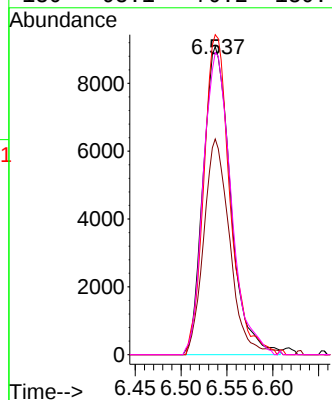
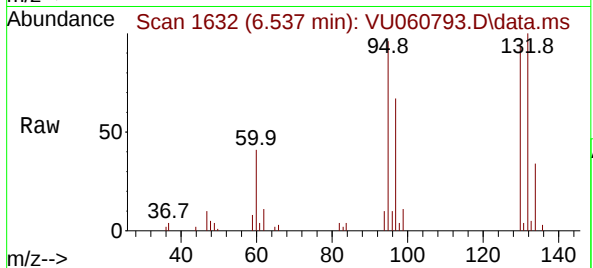
Ion Ratio Lower Upper

95 100

97 70.0 44.9 83.5

132 103.9 63.5 117.9

130 98.1 70.2 130.4



#35

Methylcyclohexane

Concen: 0.987 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU060793.D

Acq: 16 Sep 2024 20:38

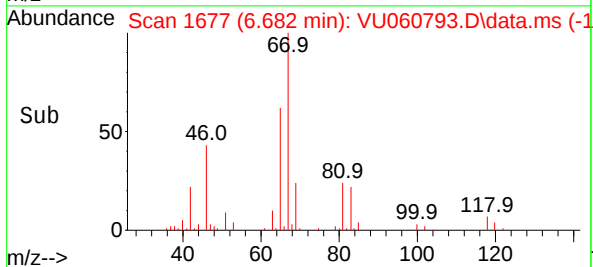
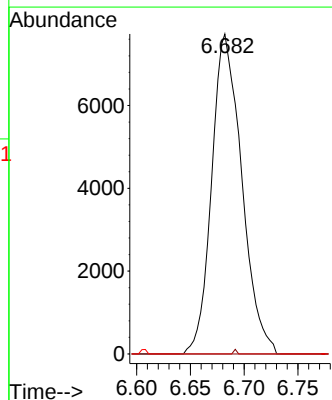
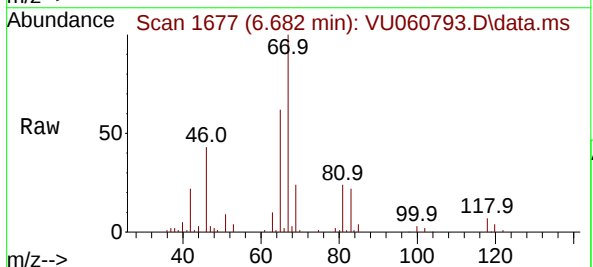
Tgt Ion: 83 Resp: 15019

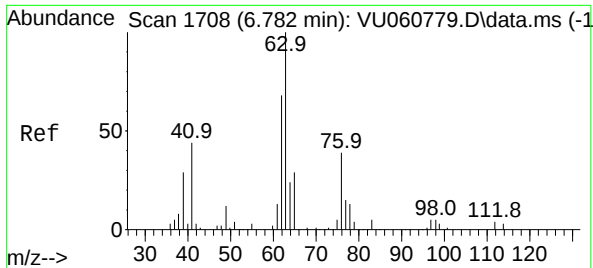
Ion Ratio Lower Upper

83 100

55 0.1 62.6 94.0#

98 0.4 37.6 56.4#

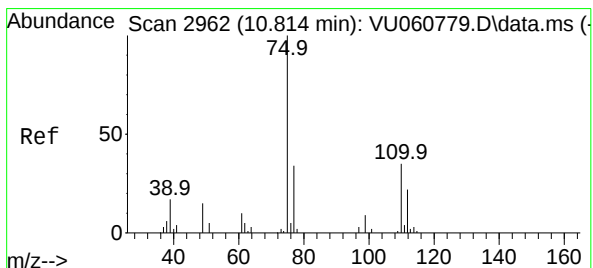
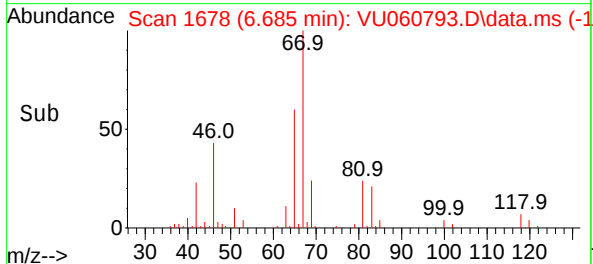
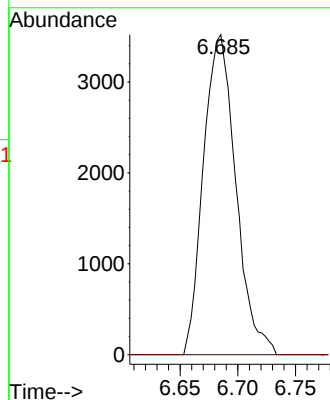
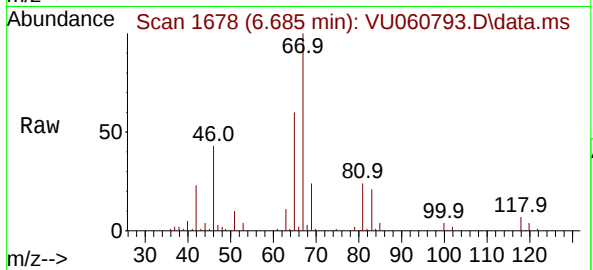




#37
1,2-Dichloropropane
Concen: 0.591 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU060793.D
Acq: 16 Sep 2024 20:38

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6884
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#61
1,2,3-Trichloropropane
Concen: 1.162 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU060793.D
Acq: 16 Sep 2024 20:38

Tgt Ion: 75 Resp: 6509
Ion Ratio Lower Upper
75 100
110 0.5 28.6 43.0#
77 33.7 26.3 39.5

