

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011425\
 Data File : VU062749.D
 Acq On : 14 Jan 2025 17:21
 Operator : MD/SY
 Sample : Q1057-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 15 00:37:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 15 00:31:11 2025
 Response via : Initial Calibration

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

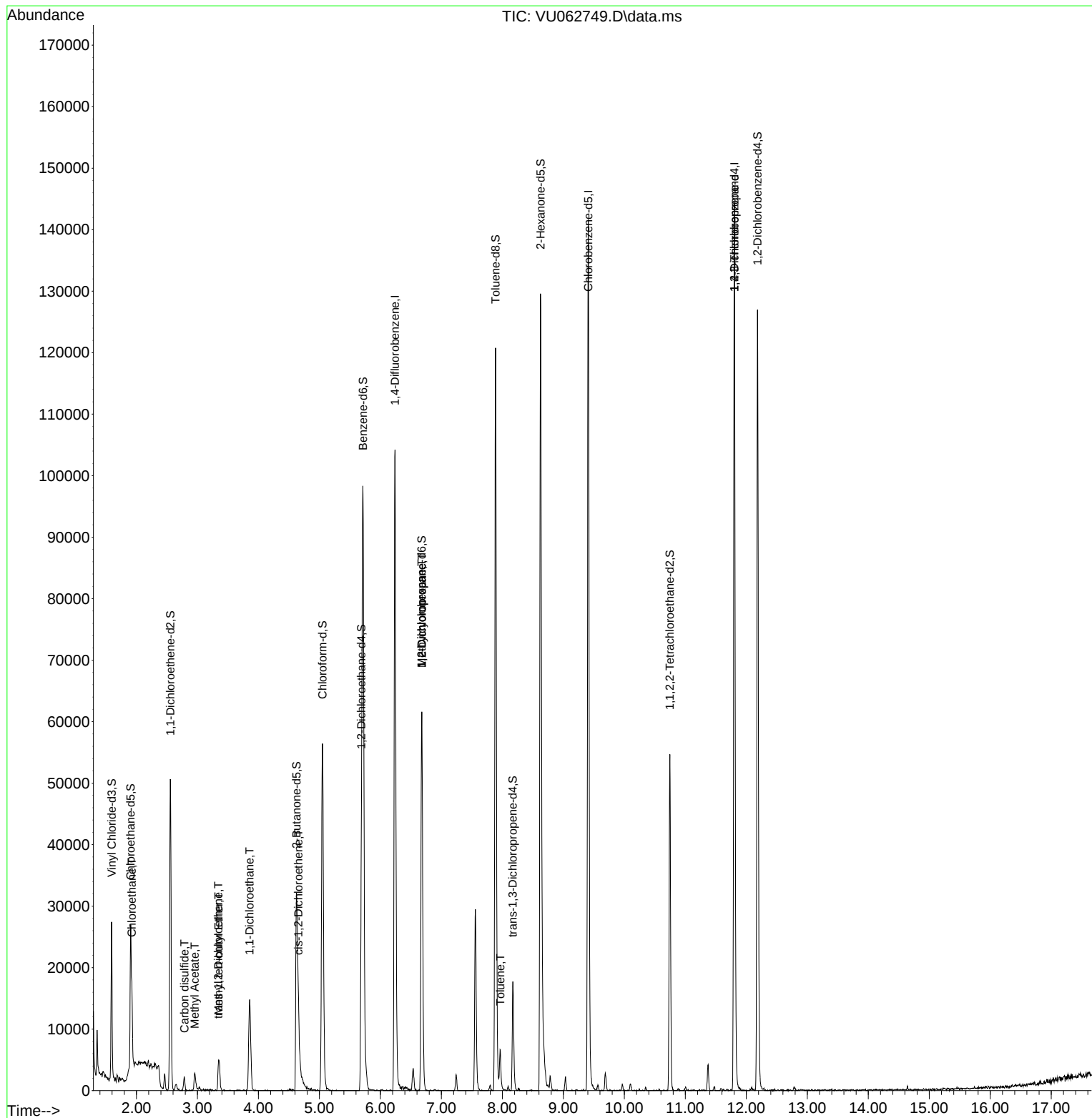
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	86775	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	81854	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	16333	3.399	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.904	69	15435	3.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.557	65	9810	3.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.624	46	50868	51.788	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.580%
24) Chloroform-d	5.049	84	56274	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.689	65	33090	5.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.714	84	91252	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.676	67	27224	4.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.888	98	83136	4.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.171	79	11156	4.034	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.600%
46) 2-Hexanone-d5	8.624	63	46570	53.545	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.100%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26116	5.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	12.184	152	35595	5.216	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
8) Chloroethane	1.924	64	8460	2.254	ug/L #	81
14) Carbon disulfide	2.785	76	2693	0.157	ug/L	97
15) Methyl Acetate	2.956	43	3685	2.187	ug/L	94
17) Methyl tert-butyl Ether	3.348	73	2375	0.160	ug/L #	78
18) trans-1,2-Dichloroethene	3.342	96	865	0.150	ug/L	86
19) 1,1-Dichloroethane	3.856	63	17506	1.697	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	1470	0.234	ug/L	95
35) Methylcyclohexane	6.676	83	7873	0.796	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3518	0.634	ug/L #	85
42) Toluene	7.965	91	5269	0.204	ug/L	97
61) 1,2,3-Trichloropropane	11.804	75	4208	1.157	ug/L #	62

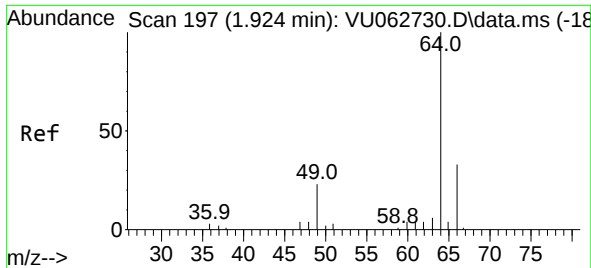
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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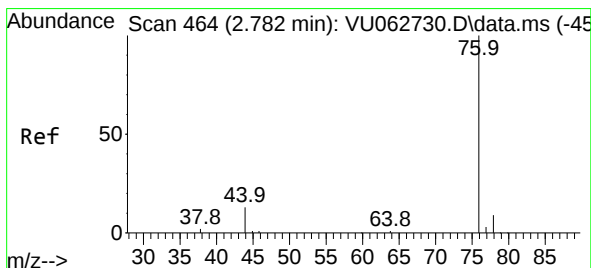
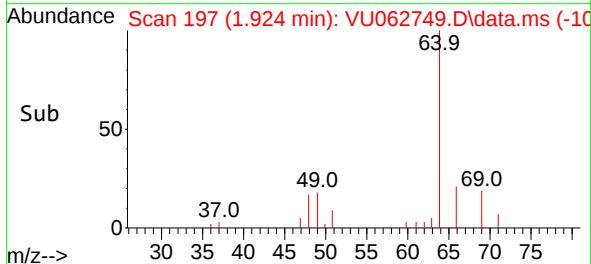
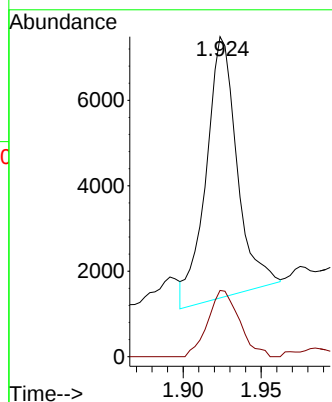
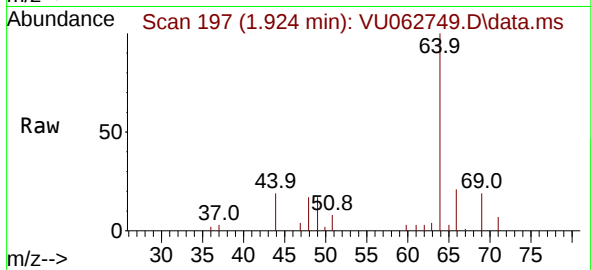




#8
Chloroethane
Concen: 2.254 ug/L
RT: 1.924 min Scan# 197
Delta R.T. 0.000 min
Lab File: VU062749.D
Acq: 14 Jan 2025 17:21

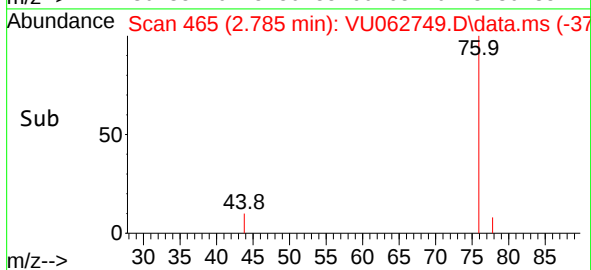
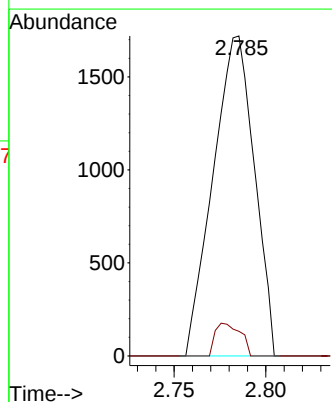
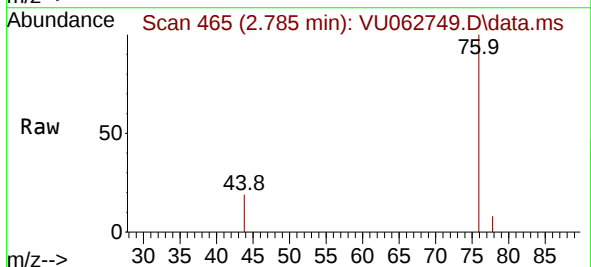
Instrument :
MSVOA_U
ClientSampleId :

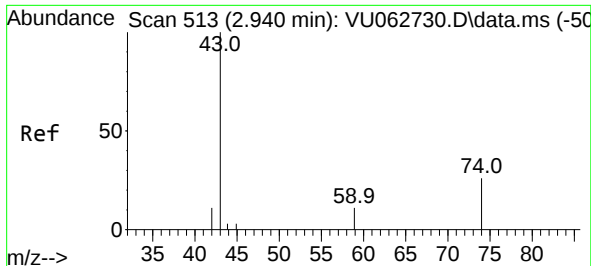
Tgt Ion: 64 Resp: 8460
Ion Ratio Lower Upper
64 100
66 20.7 21.6 40.2#



#14
Carbon disulfide
Concen: 0.157 ug/L
RT: 2.785 min Scan# 465
Delta R.T. 0.003 min
Lab File: VU062749.D
Acq: 14 Jan 2025 17:21

Tgt Ion: 76 Resp: 2693
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.6

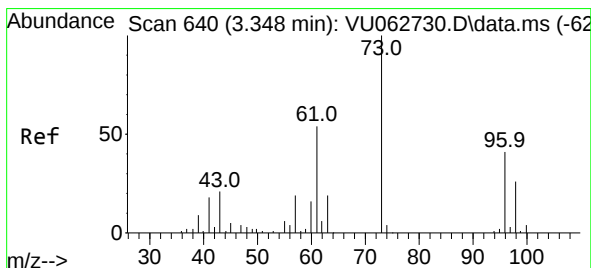
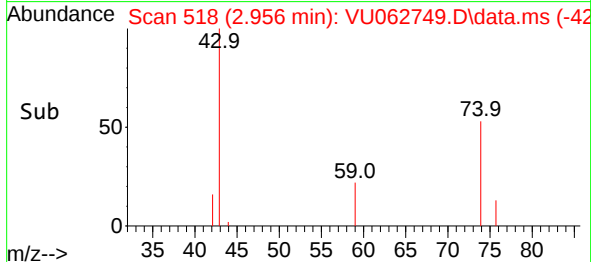
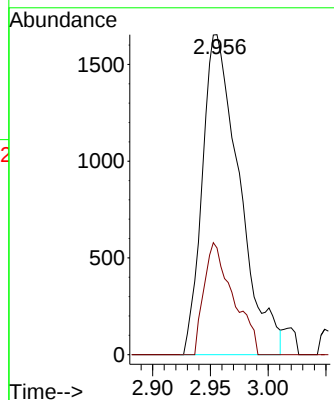
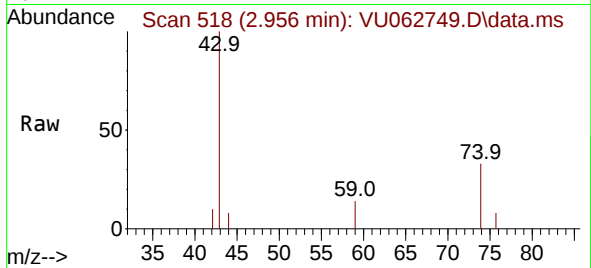




#15
Methyl Acetate
Concen: 2.187 ug/L
RT: 2.956 min Scan# 513
Delta R.T. 0.016 min
Lab File: VU062749.D
Acq: 14 Jan 2025 17:21

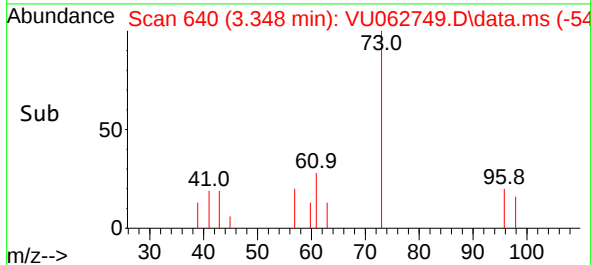
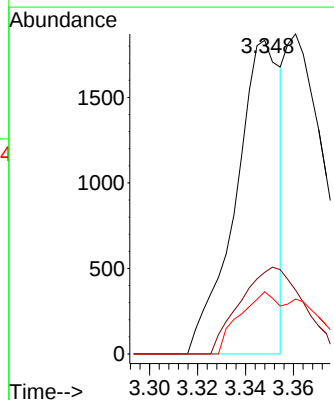
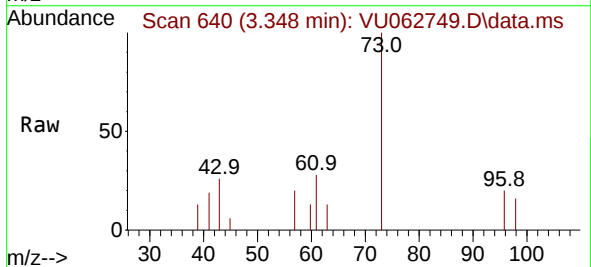
Instrument :
MSVOA_U
ClientSampleId :

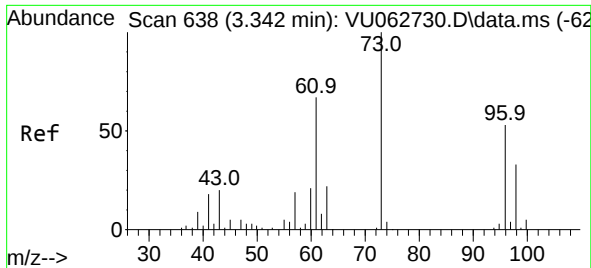
Tgt Ion: 43 Resp: 3685
Ion Ratio Lower Upper
43 100
74 27.4 24.4 36.6



#17
Methyl tert-butyl Ether
Concen: 0.160 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU062749.D
Acq: 14 Jan 2025 17:21

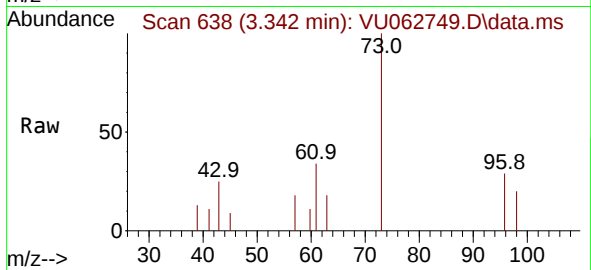
Tgt Ion: 73 Resp: 2375
Ion Ratio Lower Upper
73 100
43 38.9 16.2 24.4#
57 17.5 14.6 22.0



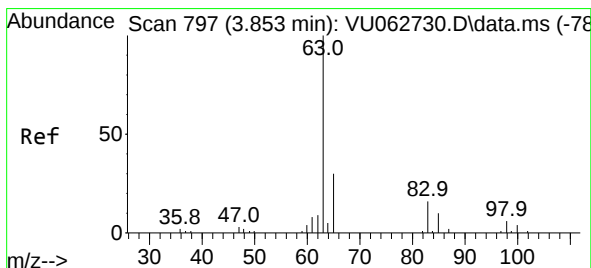
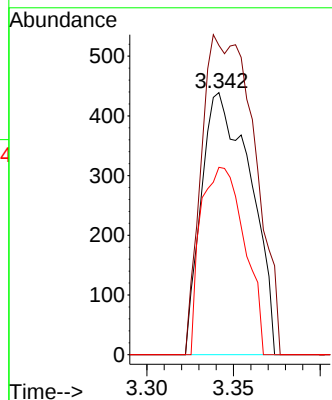
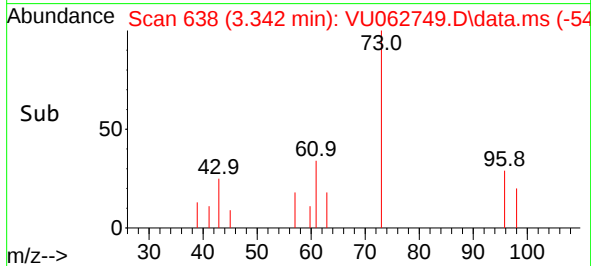


#18
trans-1,2-Dichloroethene
Concen: 0.150 ug/L
RT: 3.342 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU062749.D
Acq: 14 Jan 2025 17:21

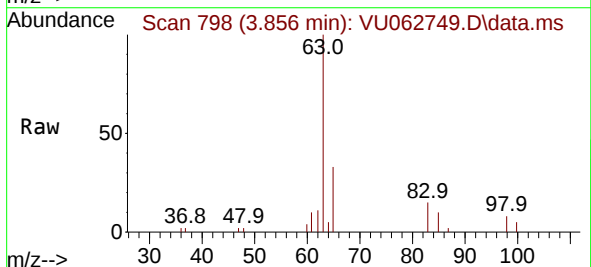
Instrument :
MSVOA_U
ClientSampleId :



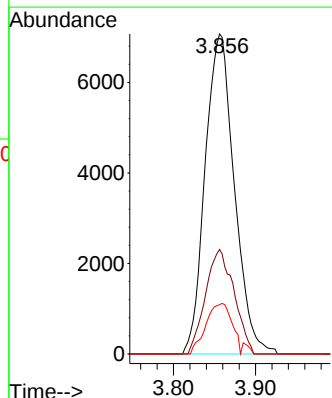
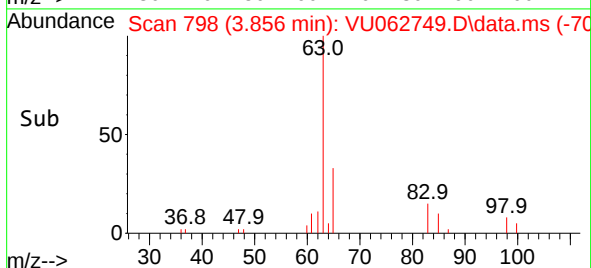
Tgt Ion: 96 Resp: 865
Ion Ratio Lower Upper
96 100
61 118.0 94.4 175.2
98 71.5 42.8 79.4

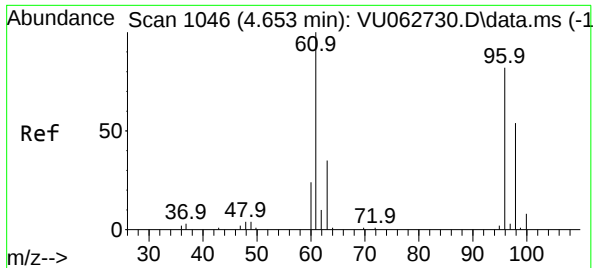


#19
1,1-Dichloroethane
Concen: 1.697 ug/L
RT: 3.856 min Scan# 798
Delta R.T. 0.003 min
Lab File: VU062749.D
Acq: 14 Jan 2025 17:21



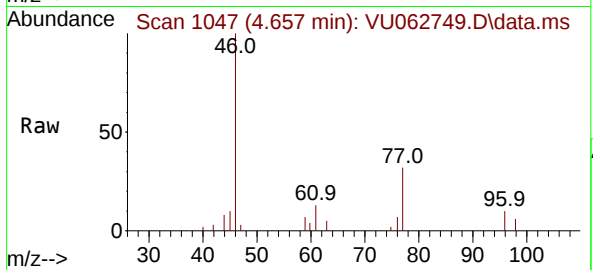
Tgt Ion: 63 Resp: 17506
Ion Ratio Lower Upper
63 100
65 32.7 20.7 38.5
83 15.4 10.5 19.5



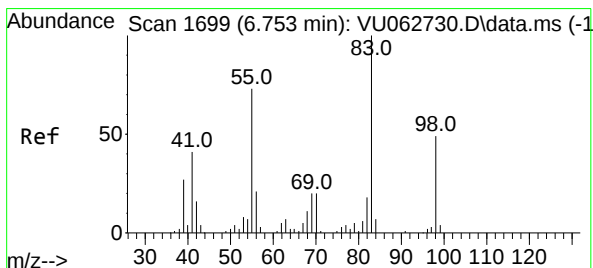
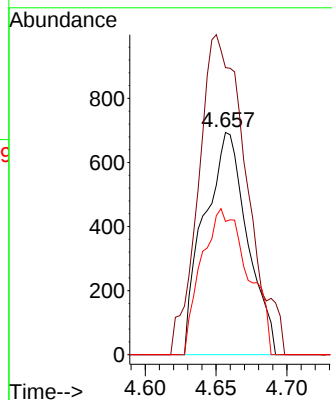
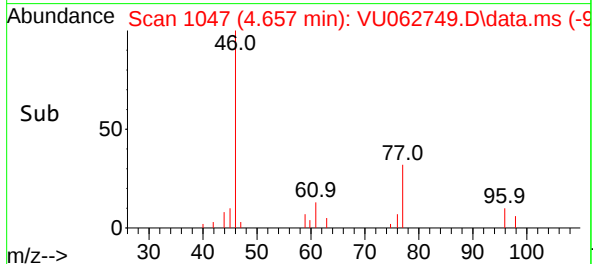


#22
 cis-1,2-Dichloroethene
 Concen: 0.234 ug/L
 RT: 4.657 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU062749.D
 Acq: 14 Jan 2025 17:21

Instrument :
 MSVOA_U
 ClientSampleId :

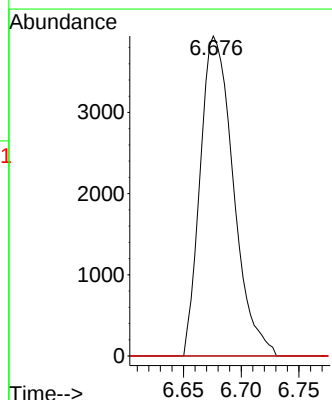
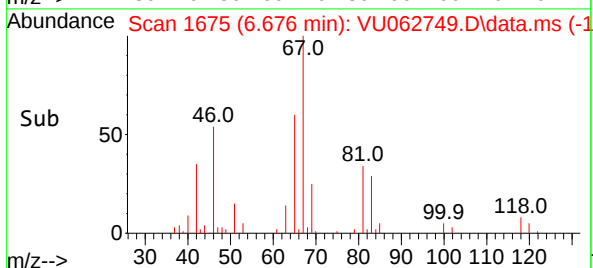
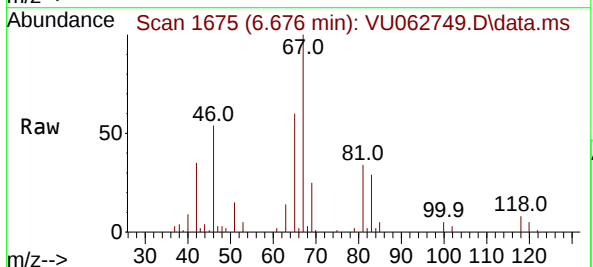


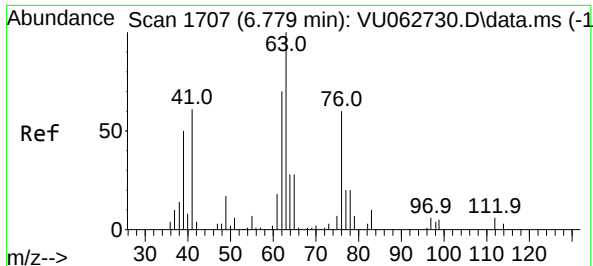
Tgt Ion: 96 Resp: 1470
 Ion Ratio Lower Upper
 96 100
 61 129.1 84.8 157.6
 98 59.9 43.1 80.1



#35
 Methylcyclohexane
 Concen: 0.796 ug/L
 RT: 6.676 min Scan# 1675
 Delta R.T. -0.077 min
 Lab File: VU062749.D
 Acq: 14 Jan 2025 17:21

Tgt Ion: 83 Resp: 7873
 Ion Ratio Lower Upper
 83 100
 55 0.0 57.2 85.8#
 98 0.0 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.634 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU062749.D

Acq: 14 Jan 2025 17:21

Instrument :

MSVOA_U

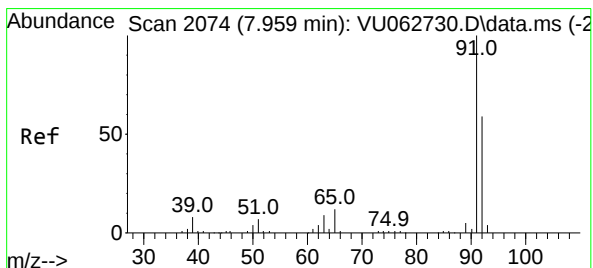
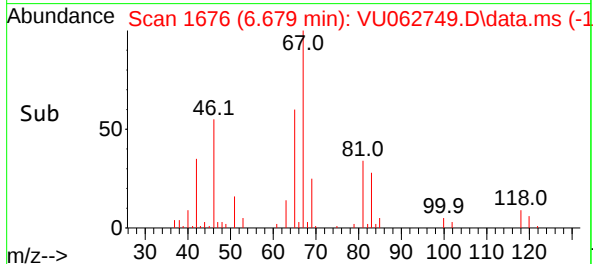
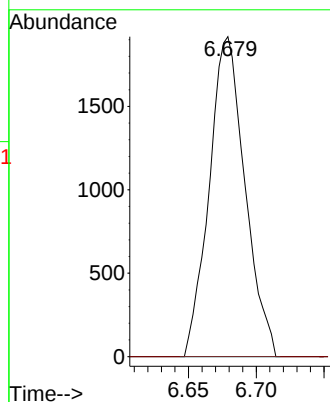
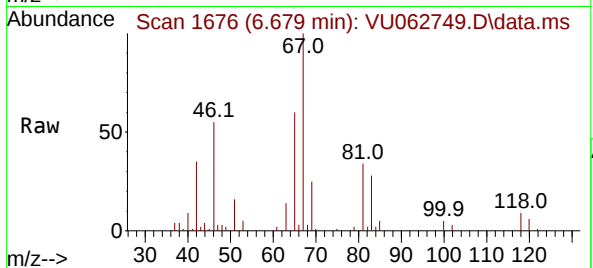
ClientSampleId :

Tgt Ion: 63 Resp: 3518

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#42

Toluene

Concen: 0.204 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.006 min

Lab File: VU062749.D

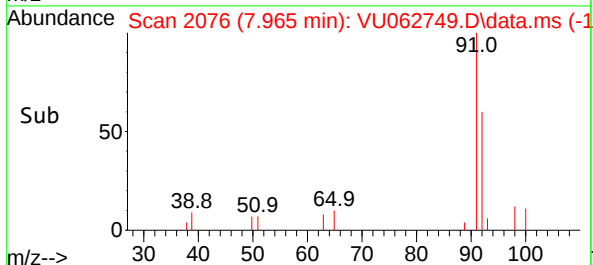
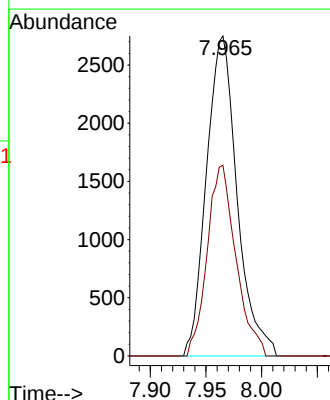
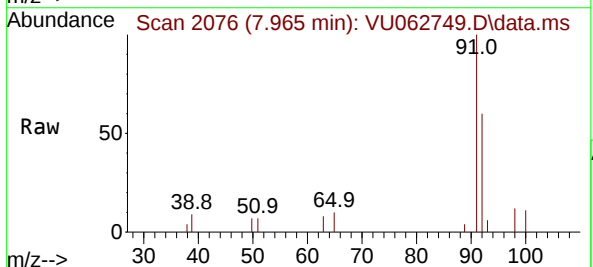
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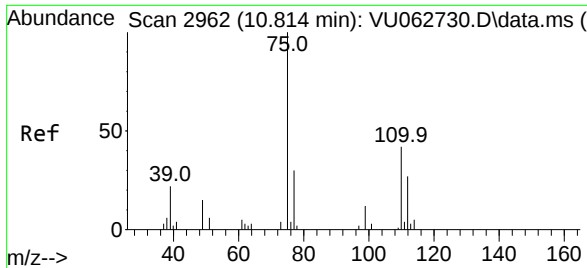
Tgt Ion: 91 Resp: 5269

Ion Ratio Lower Upper

91 100

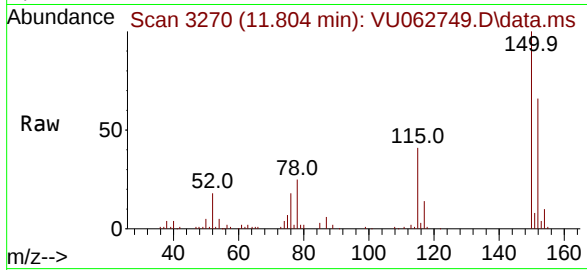
92 59.6 40.4 75.0





#61
 1,2,3-Trichloropropane
 Concen: 1.157 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062749.D
 Acq: 14 Jan 2025 17:21

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4208
 Ion Ratio Lower Upper
 75 100
 110 0.0 33.2 49.8#
 77 31.7 25.9 38.9

