

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061548.D
 Acq On : 08 Nov 2024 14:51
 Operator : MD/SY
 Sample : P4743-10DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 00:20:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 00:17:10 2024
 Response via : Initial Calibration

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

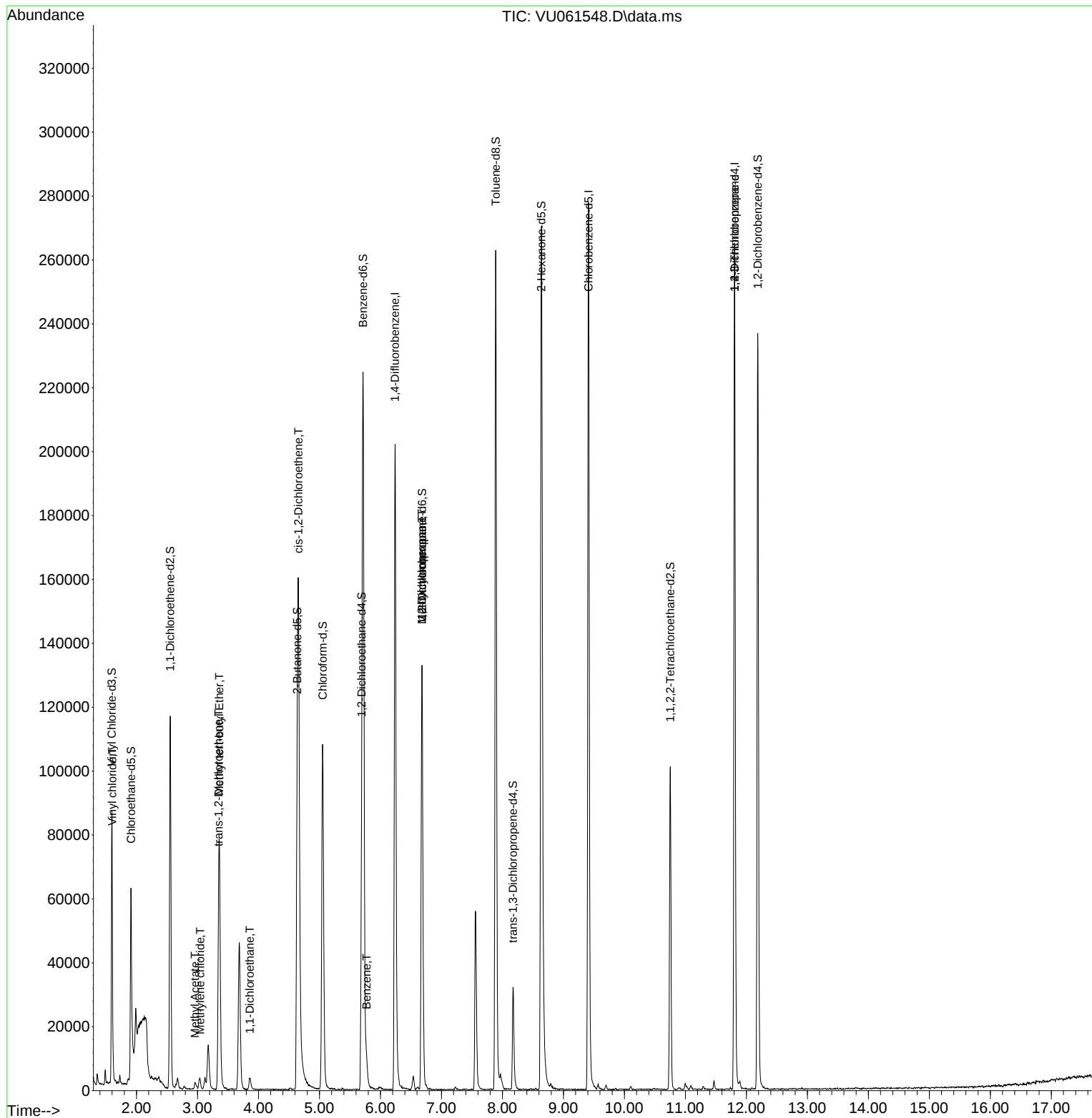
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	175776	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	162243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74222	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	43389	3.634	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.911	69	50473	4.611	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.554	65	22187	4.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.634	46	129062	53.237	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.480%
24) Chloroform-d	5.052	84	103697	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.692	65	54884	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.714	84	215343	4.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.682	67	66452	4.835	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.891	98	185876	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.174	79	20435	3.642	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.637	63	118037	51.369	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.740%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51380	4.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	65703	4.999	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	12994	0.956	ug/L	91
15) Methyl Acetate	2.959	43	3157	0.830	ug/L	96
16) Methylene chloride	3.042	84	1860	0.152	ug/L	85
17) Methyl tert-butyl Ether	3.357	73	88548	3.144	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	2695	0.235	ug/L	80
19) 1,1-Dichloroethane	3.859	63	4680	0.216	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	62030	4.726	ug/L	97
33) Benzene	5.772	78	7447	0.148	ug/L	100
35) Methylcyclohexane	6.679	83	15452	0.711	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	7108	0.559	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	8766	1.186	ug/L #	70

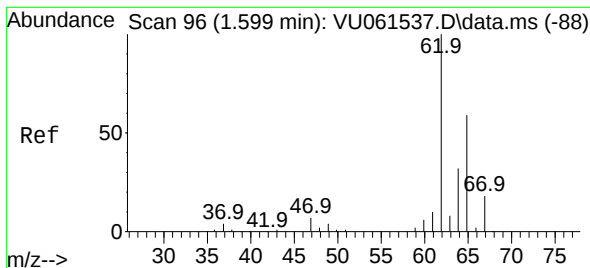
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#5

Vinyl chloride

Concen: 0.956 ug/L

RT: 1.602 min Scan# 9

Delta R.T. 0.003 min

Lab File: VU061548.D

Acq: 08 Nov 2024 14:51

Instrument :

MSVOA_U

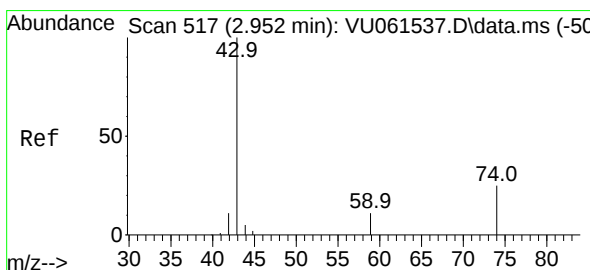
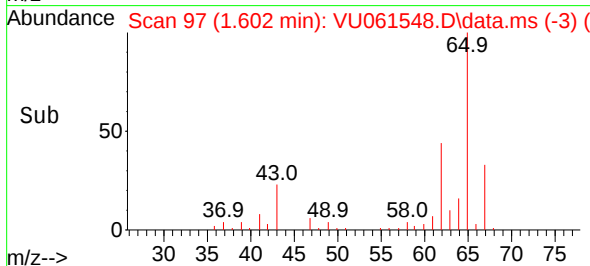
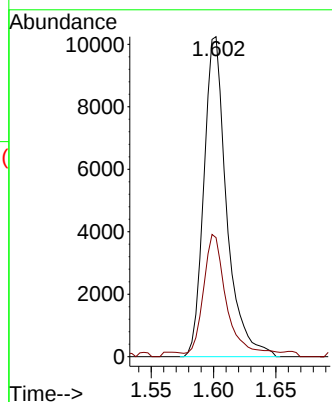
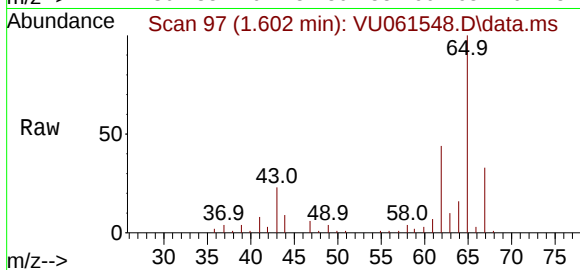
ClientSampleId :

Tgt Ion: 62 Resp: 12994

Ion Ratio Lower Upper

62 100

64 37.2 22.6 42.0



#15

Methyl Acetate

Concen: 0.830 ug/L

RT: 2.959 min Scan# 519

Delta R.T. 0.006 min

Lab File: VU061548.D

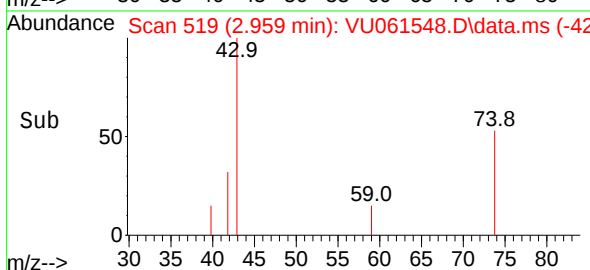
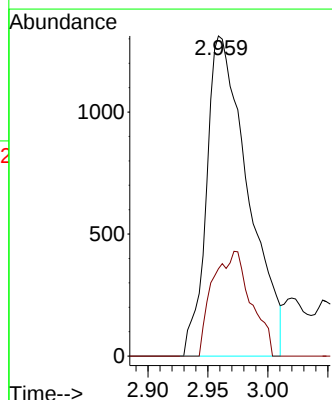
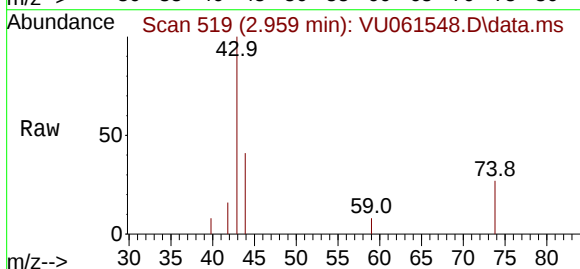
Acq: 08 Nov 2024 14:51

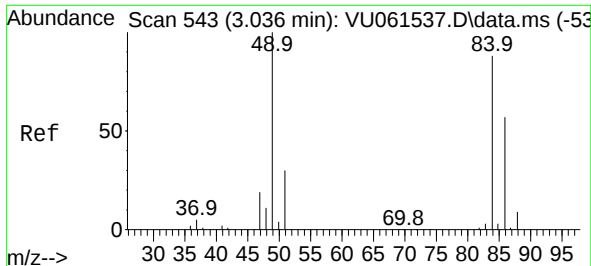
Tgt Ion: 43 Resp: 3157

Ion Ratio Lower Upper

43 100

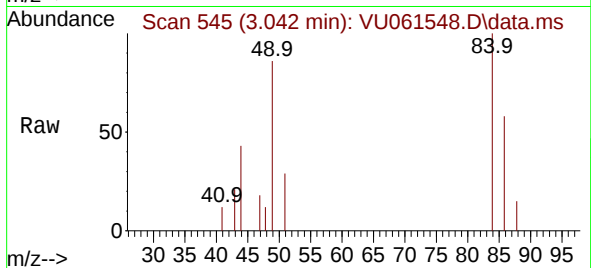
74 30.2 22.2 33.4



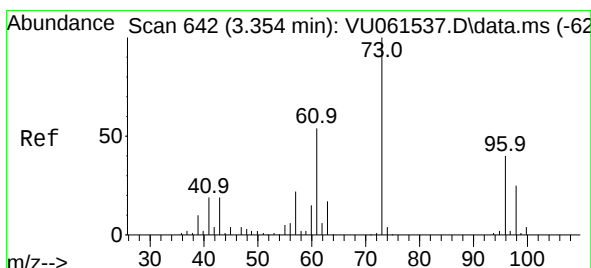
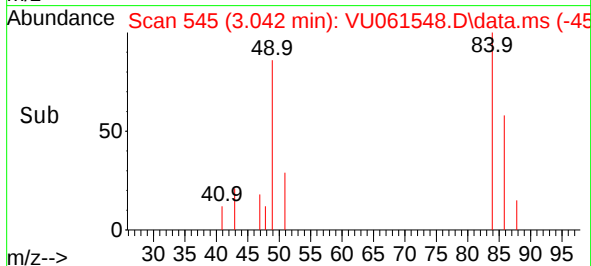
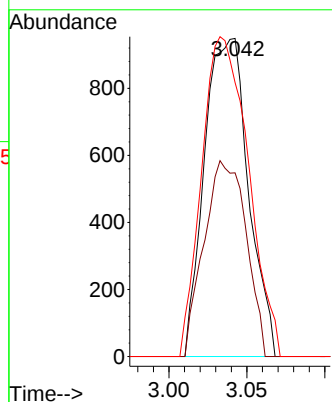


#16
Methylene chloride
Concen: 0.152 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.006 min
Lab File: VU061548.D
Acq: 08 Nov 2024 14:51

Instrument :
MSVOA_U
ClientSampleId :

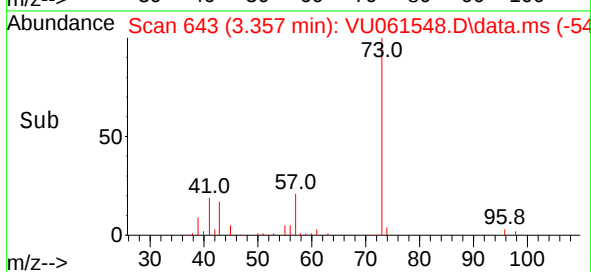
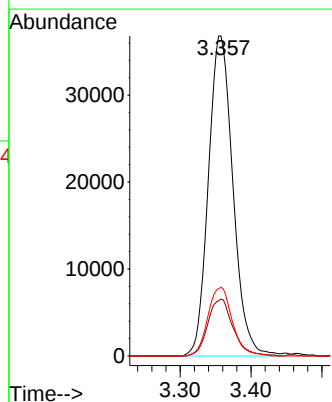
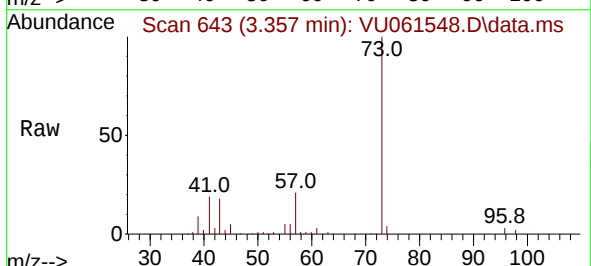


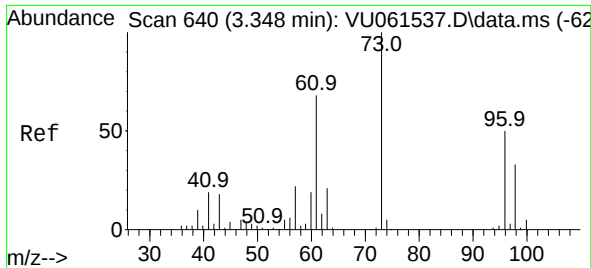
Tgt Ion: 84 Resp: 1860
Ion Ratio Lower Upper
84 100
86 57.7 43.5 80.7
49 86.1 75.7 140.7



#17
Methyl tert-butyl Ether
Concen: 3.144 ug/L
RT: 3.357 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU061548.D
Acq: 08 Nov 2024 14:51

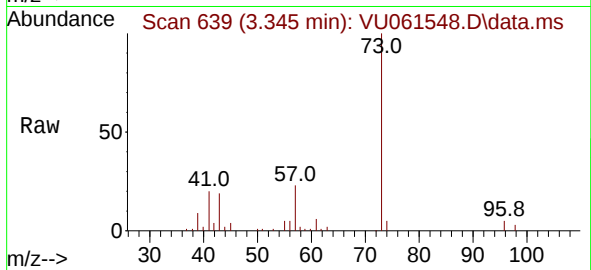
Tgt Ion: 73 Resp: 88548
Ion Ratio Lower Upper
73 100
43 18.2 15.0 22.4
57 21.3 17.0 25.6



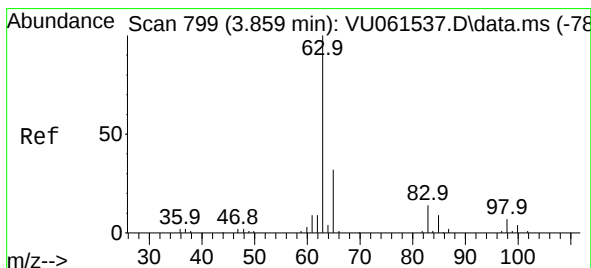
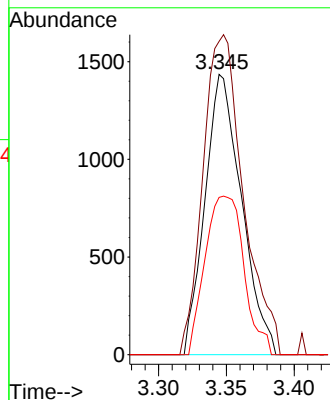
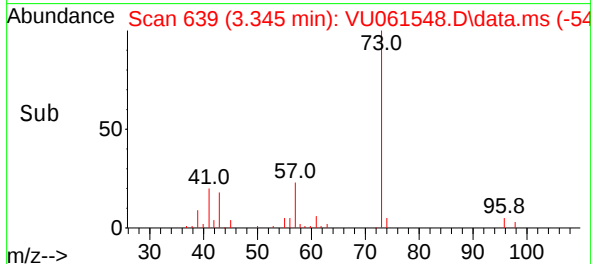


#18
trans-1,2-Dichloroethene
Concen: 0.235 ug/L
RT: 3.345 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU061548.D
Acq: 08 Nov 2024 14:51

Instrument :
MSVOA_U
ClientSampleId :

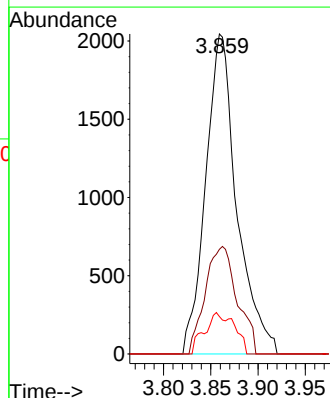
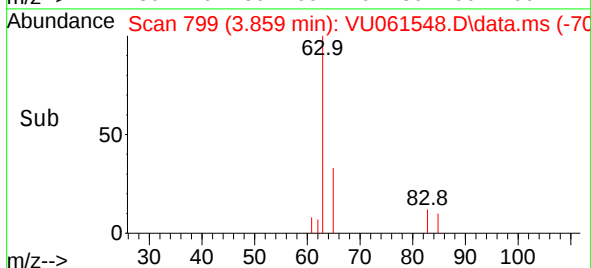
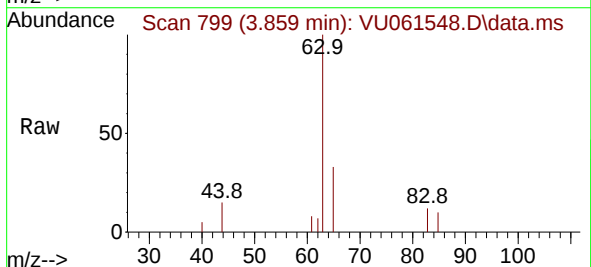


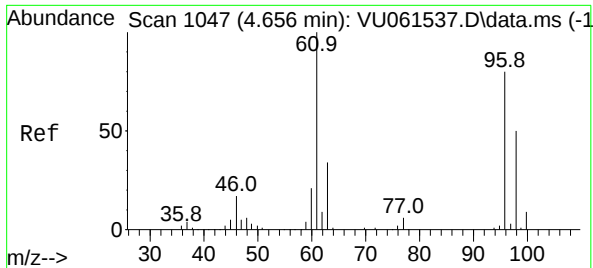
Tgt Ion: 96 Resp: 2695
Ion Ratio Lower Upper
96 100
61 111.8 97.9 181.7
98 56.1 46.2 85.8



#19
1,1-Dichloroethane
Concen: 0.216 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061548.D
Acq: 08 Nov 2024 14:51

Tgt Ion: 63 Resp: 4680
Ion Ratio Lower Upper
63 100
65 32.7 23.0 42.6
83 11.7 9.7 17.9

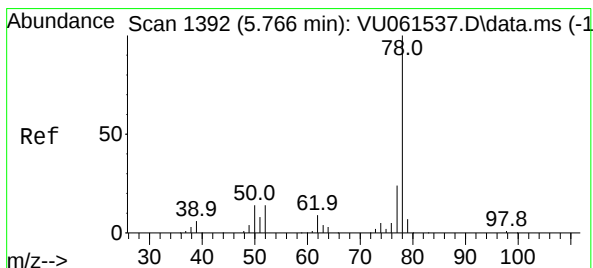
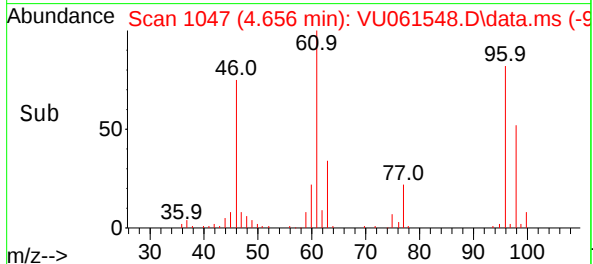
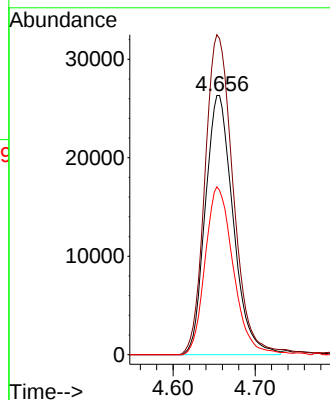
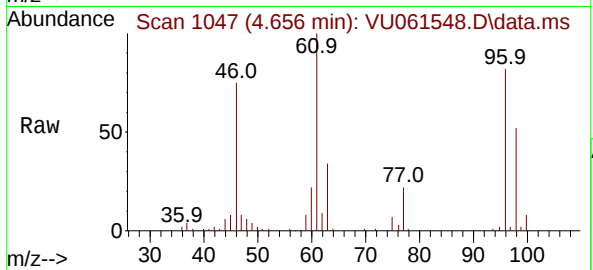




#22
 cis-1,2-Dichloroethene
 Concen: 4.726 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061548.D
 Acq: 08 Nov 2024 14:51

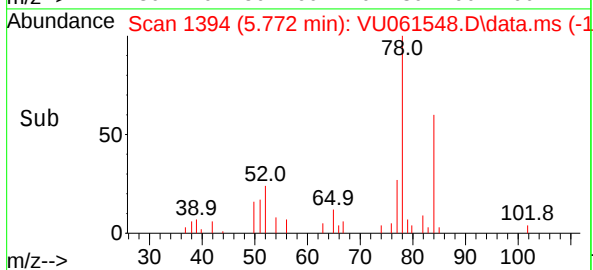
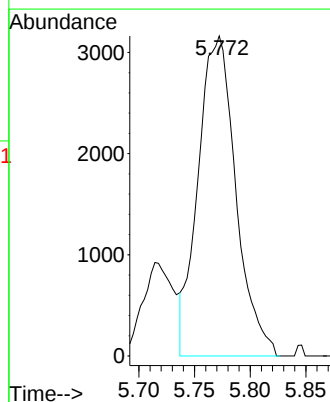
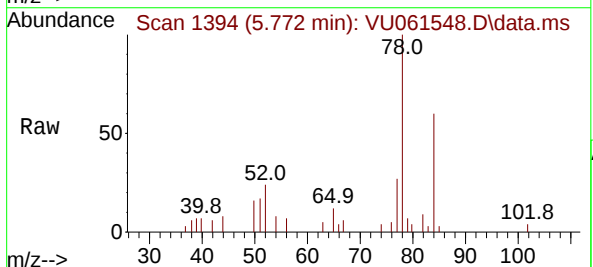
Instrument :
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 ClientSampleId :

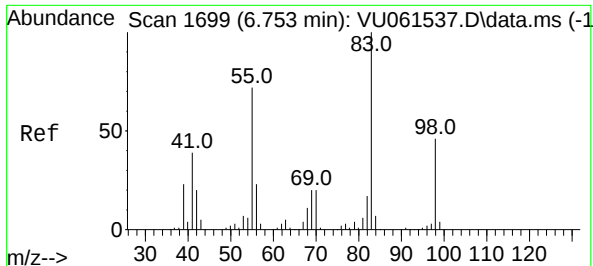
Tgt Ion: 96 Resp: 62030
 Ion Ratio Lower Upper
 96 100
 61 121.9 88.1 163.5
 98 63.4 45.0 83.6



#33
 Benzene
 Concen: 0.148 ug/L
 RT: 5.772 min Scan# 1394
 Delta R.T. 0.006 min
 Lab File: VU061548.D
 Acq: 08 Nov 2024 14:51

Tgt Ion: 78 Resp: 7447

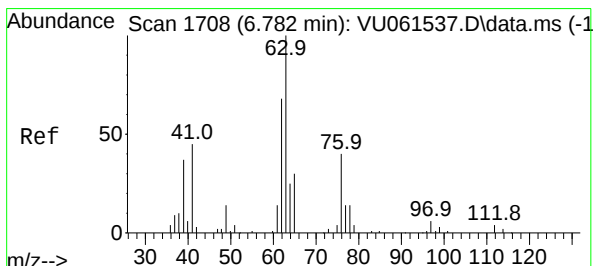
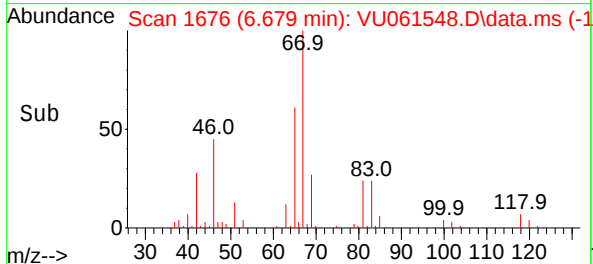
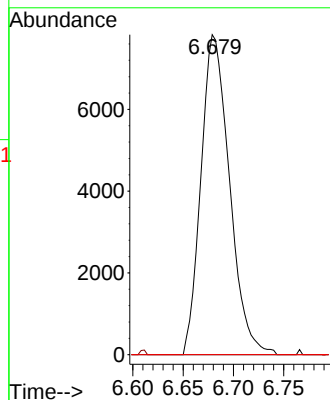
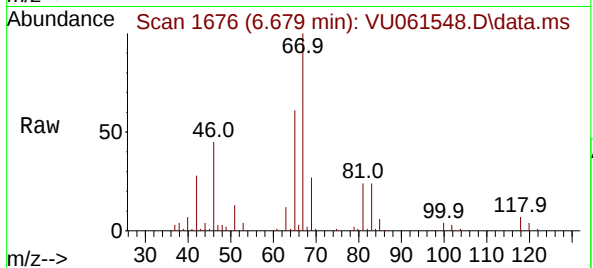




#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061548.D
Acq: 08 Nov 2024 14:51

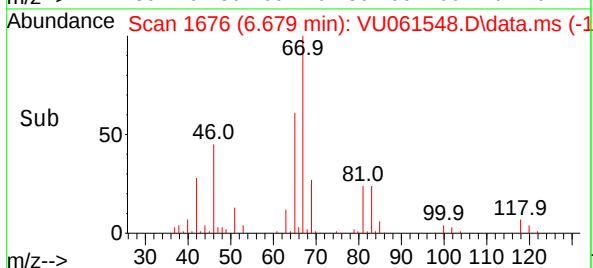
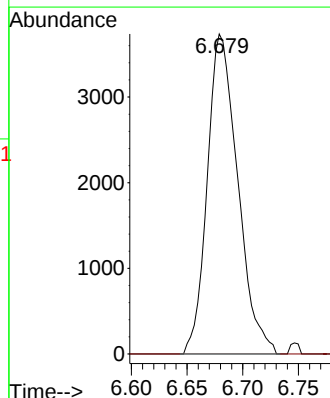
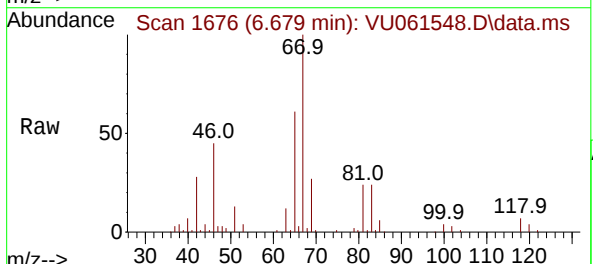
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MSVOA_U
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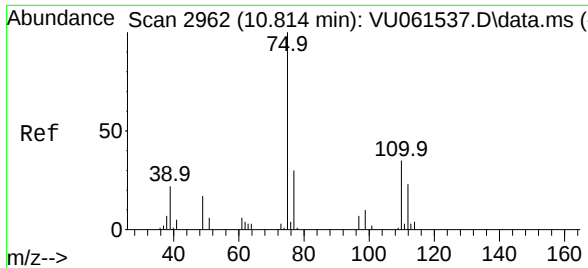
Tgt Ion: 83 Resp: 15452
Ion Ratio Lower Upper
83 100
55 0.3 55.9 83.9#
98 0.0 35.9 53.9#



#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU061548.D
Acq: 08 Nov 2024 14:51

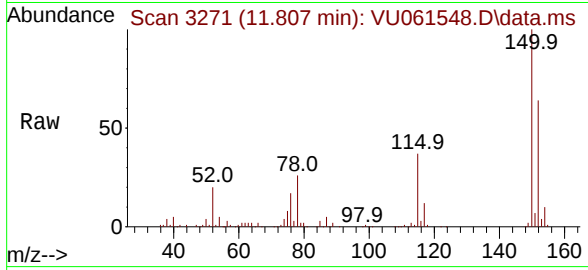
Tgt Ion: 63 Resp: 7108
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#61
1,2,3-Trichloropropane
Concen: 1.186 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU061548.D
Acq: 08 Nov 2024 14:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 8766
Ion Ratio Lower Upper
75 100
110 2.9 28.8 43.2#
77 32.9 25.7 38.5

