

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061819.D
 Acq On : 18 Nov 2024 17:43
 Operator : MD/SY
 Sample : P4827-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:25:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 00:15:47 2024
 Response via : Initial Calibration

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

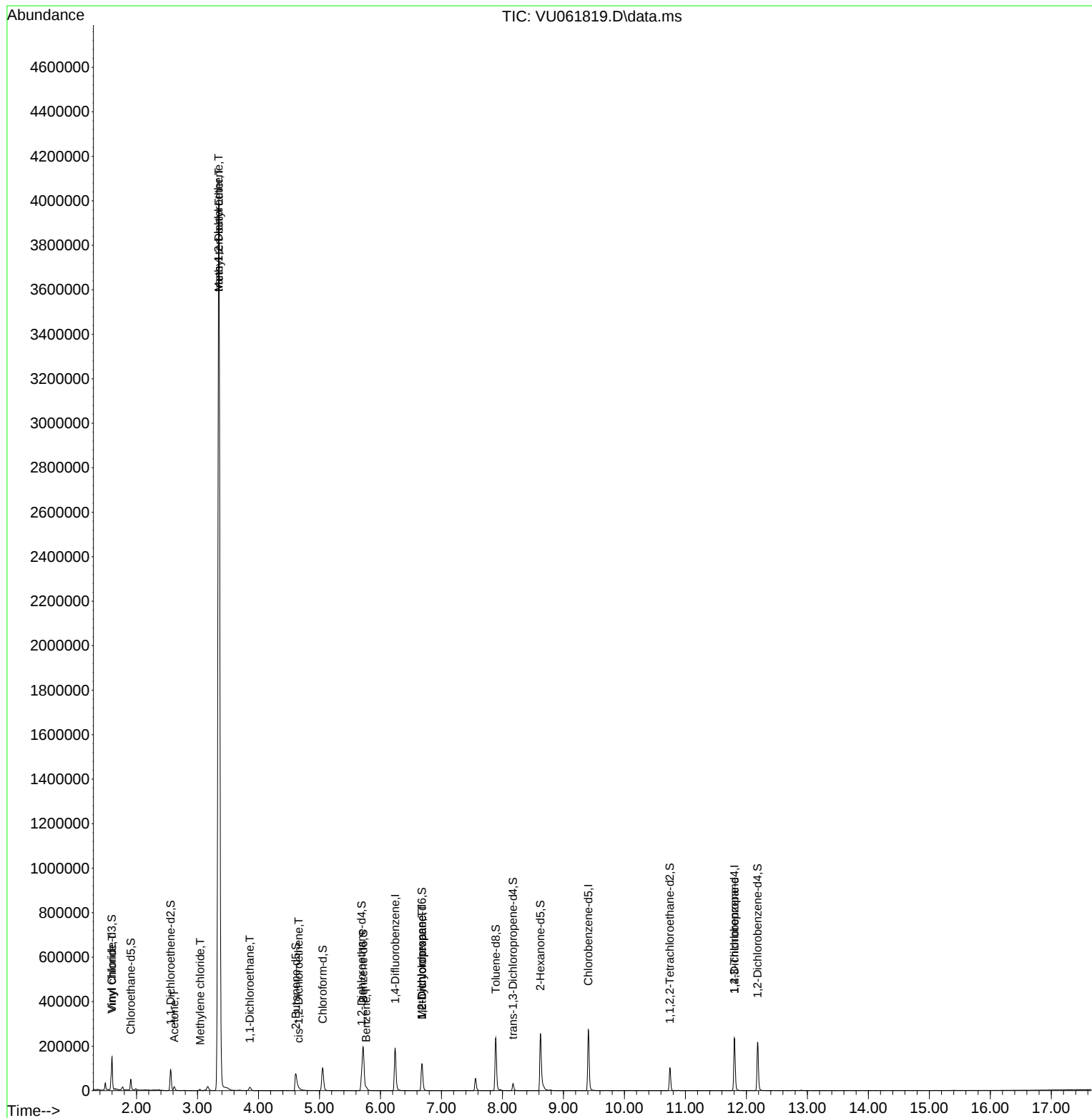
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	163745	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	160051	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	66812	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	37480	3.543	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.800%	
7) Chloroethane-d5	1.907	69	35589	3.940	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.800%	
11) 1,1-Dichloroethene-d2	2.560	65	17623	3.713	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.200%	
20) 2-Butanone-d5	4.611	46	117228	52.204	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.400%	
24) Chloroform-d	5.052	84	97534	4.638	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.692	65	50743	5.028	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.718	84	193955	4.380	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.679	67	61687	4.724	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.891	98	168907	4.093	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	8.174	79	18580	3.863	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.200%	
46) 2-Hexanone-d5	8.621	63	90522	47.622	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.240%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	51812	5.033	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	12.184	152	60900	5.118	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.400%	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.599	62	47306	3.883	ug/L	99
13) Acetone	2.618	43	20036	14.162	ug/L	95
16) Methylene chloride	3.042	84	2665	0.234	ug/L	82
17) Methyl tert-butyl Ether	3.351	73	4630795	191.142	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	3721	0.343	ug/L	94
19) 1,1-Dichloroethane	3.859	63	18129	0.917	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	2788	0.228	ug/L	97
33) Benzene	5.766	78	13338	0.275	ug/L	100
35) Methylcyclohexane	6.679	83	14237	0.722	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	6604	0.537	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	7890	1.254	ug/L #	64

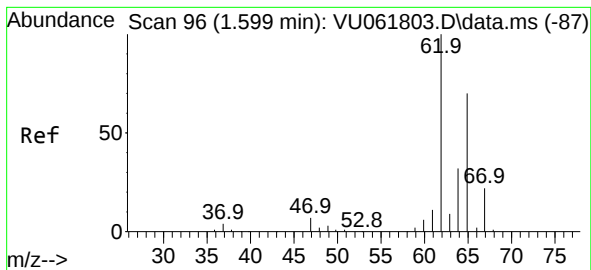
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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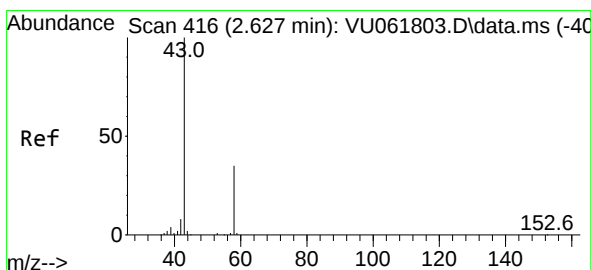
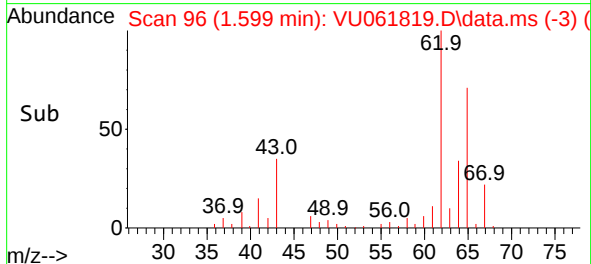
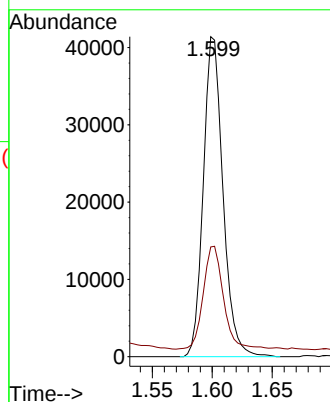
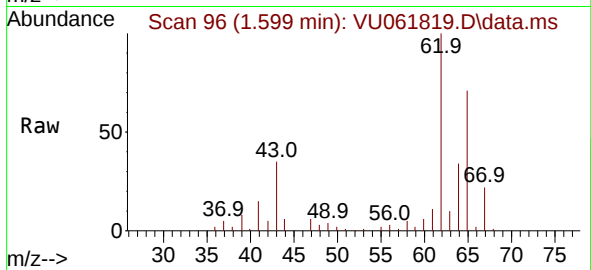




#5
 Vinyl chloride
 Concen: 3.883 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU061819.D
 Acq: 18 Nov 2024 17:43

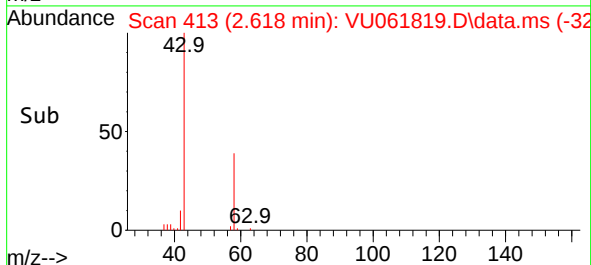
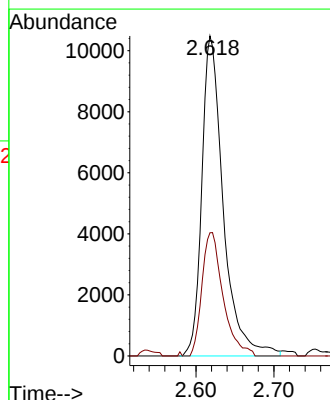
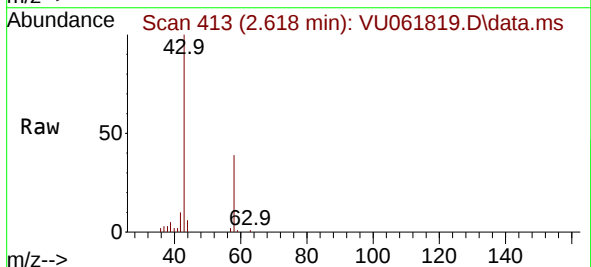
Instrument :
 MSVOA_U
 ClientSampleId :

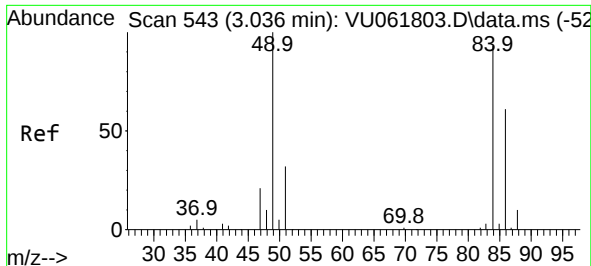
Tgt Ion: 62 Resp: 47306
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.7 44.1



#13
 Acetone
 Concen: 14.162 ug/L
 RT: 2.618 min Scan# 413
 Delta R.T. -0.010 min
 Lab File: VU061819.D
 Acq: 18 Nov 2024 17:43

Tgt Ion: 43 Resp: 20036
 Ion Ratio Lower Upper
 43 100
 58 37.9 0.0 69.8

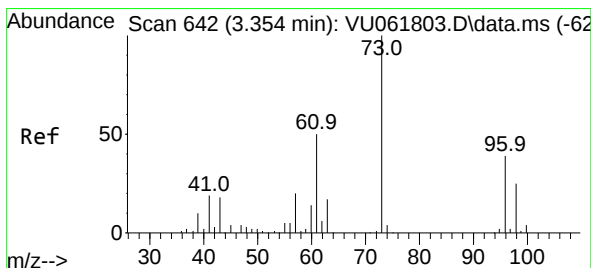
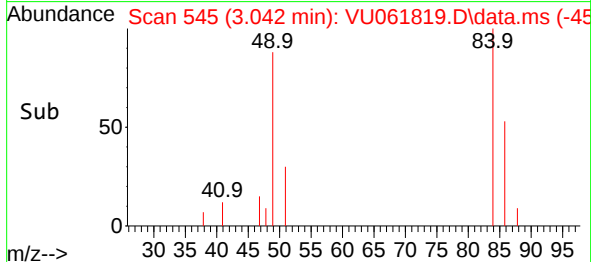
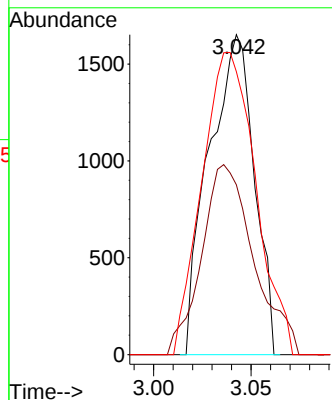
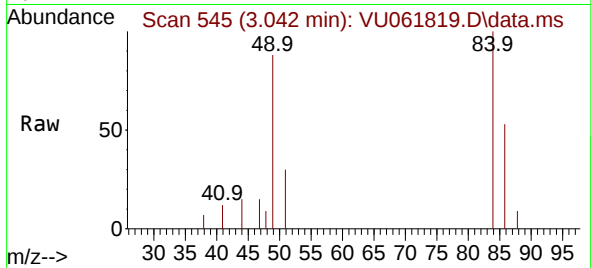




#16
Methylene chloride
Concen: 0.234 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.007 min
Lab File: VU061819.D
Acq: 18 Nov 2024 17:43

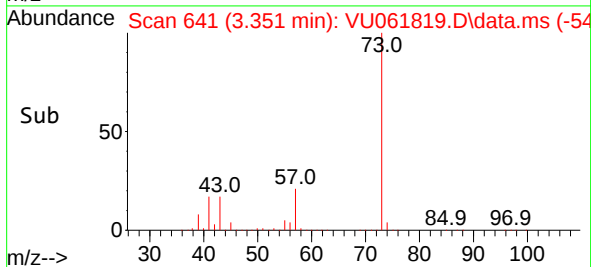
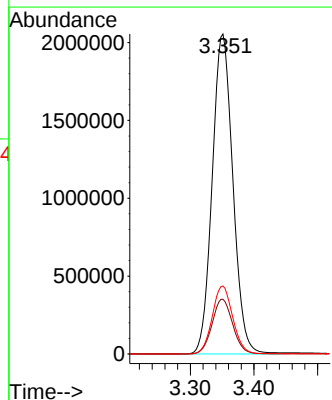
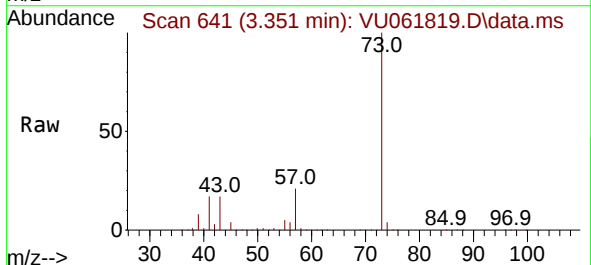
Instrument :
MSVOA_U
ClientSampleId :

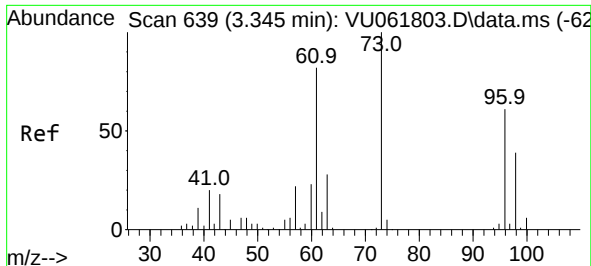
Tgt Ion: 84 Resp: 2665
Ion Ratio Lower Upper
84 100
86 53.1 45.1 83.7
49 88.4 76.3 141.7



#17
Methyl tert-butyl Ether
Concen: 191.142 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU061819.D
Acq: 18 Nov 2024 17:43

Tgt Ion: 73 Resp: 4630795
Ion Ratio Lower Upper
73 100
43 17.3 14.2 21.4
57 21.1 16.9 25.3

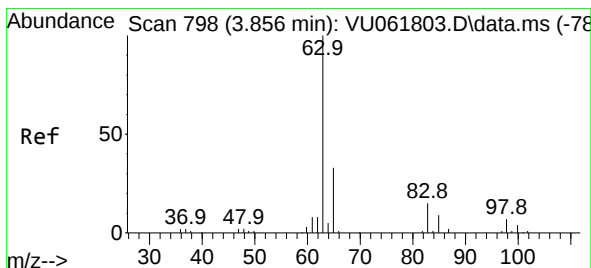
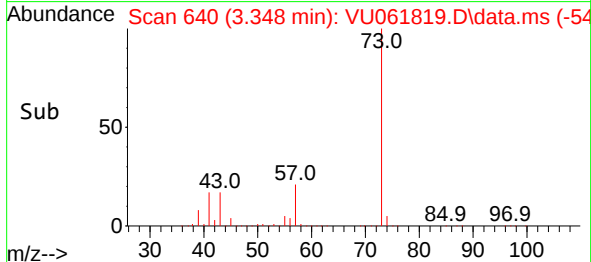
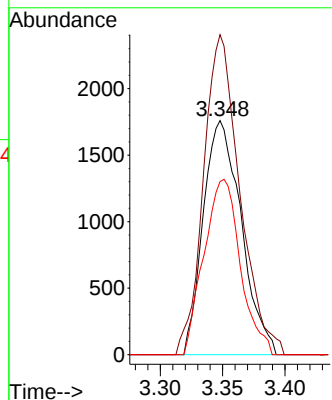
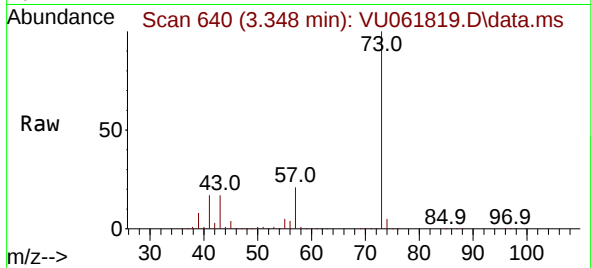




#18
trans-1,2-Dichloroethene
Concen: 0.343 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061819.D
Acq: 18 Nov 2024 17:43

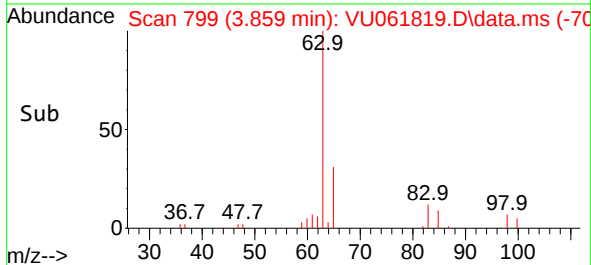
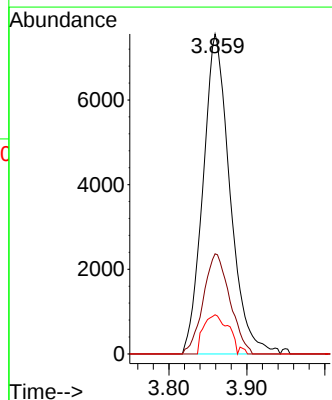
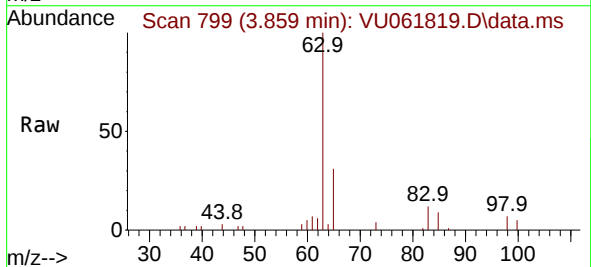
Instrument :
MSVOA_U
ClientSampleId :

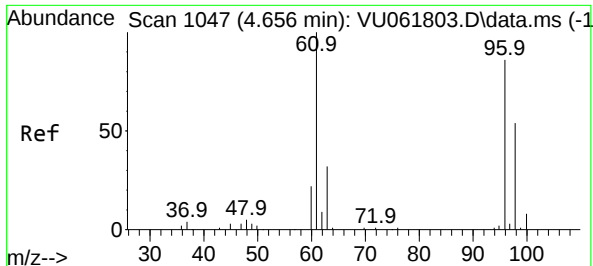
Tgt Ion: 96 Resp: 3721
Ion Ratio Lower Upper
96 100
61 136.7 94.1 174.8
98 74.0 43.2 80.2



#19
1,1-Dichloroethane
Concen: 0.917 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.003 min
Lab File: VU061819.D
Acq: 18 Nov 2024 17:43

Tgt Ion: 63 Resp: 18129
Ion Ratio Lower Upper
63 100
65 31.3 23.4 43.4
83 12.3 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 0.228 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

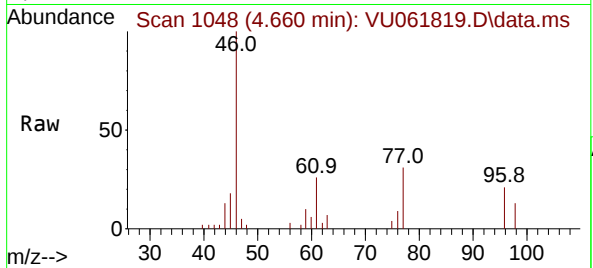
Lab File: VU061819.D

Acq: 18 Nov 2024 17:43

Instrument :

MSVOA_U

ClientSampleId :



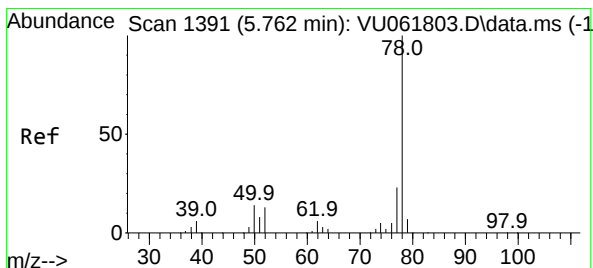
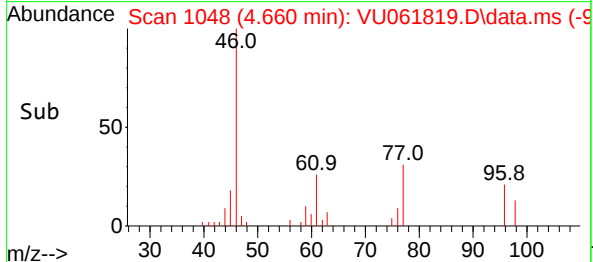
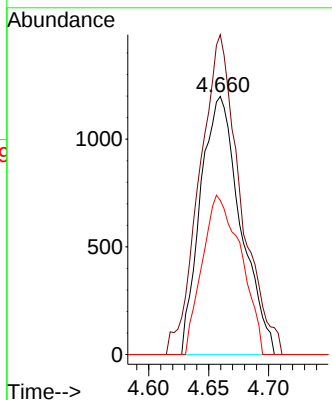
Tgt Ion: 96 Resp: 2788

Ion Ratio Lower Upper

96 100

61 124.0 85.6 159.0

98 59.8 45.6 84.8



#33

Benzene

Concen: 0.275 ug/L

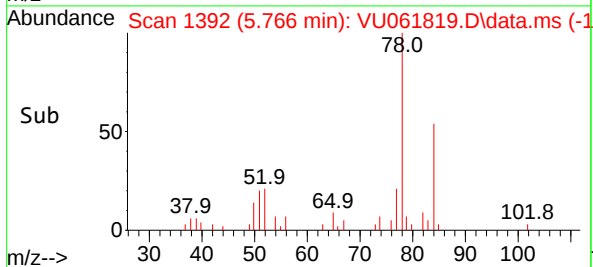
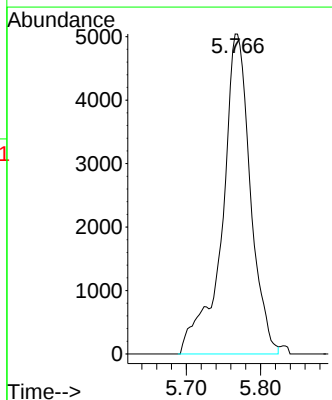
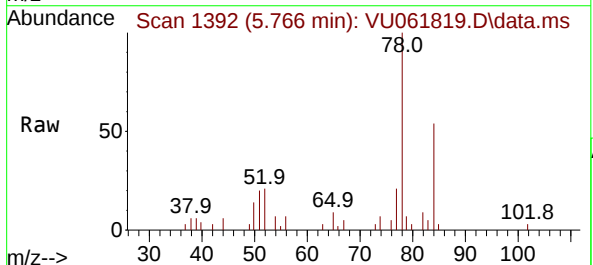
RT: 5.766 min Scan# 1392

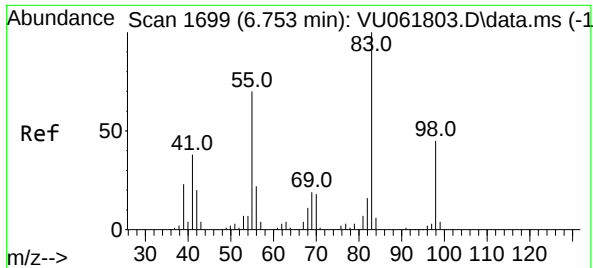
Delta R.T. 0.003 min

Lab File: VU061819.D

Acq: 18 Nov 2024 17:43

Tgt Ion: 78 Resp: 13338

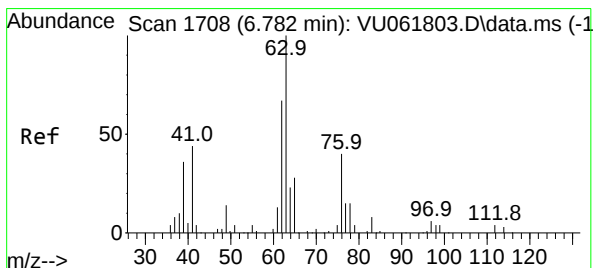
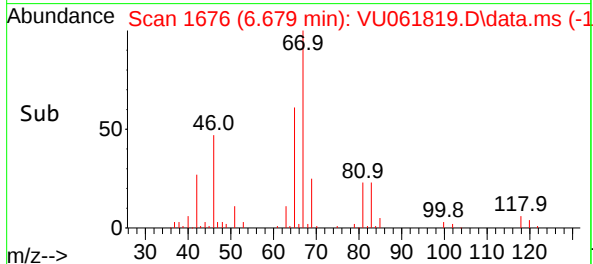
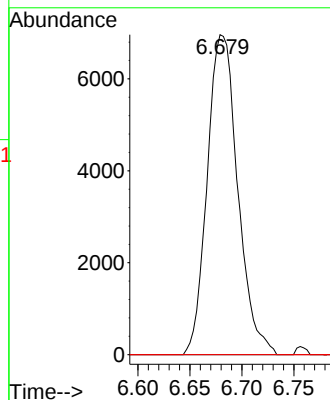
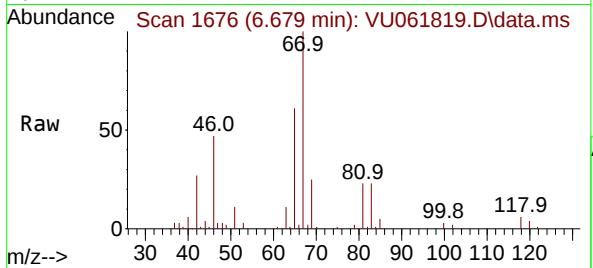




#35
Methylcyclohexane
Concen: 0.722 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.074 min
Lab File: VU061819.D
Acq: 18 Nov 2024 17:43

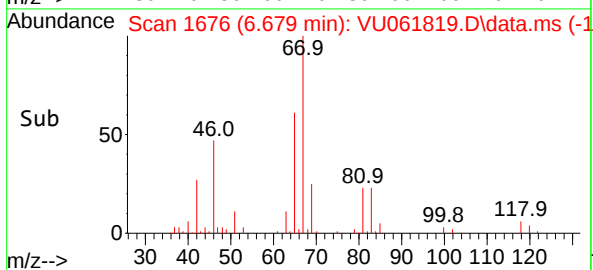
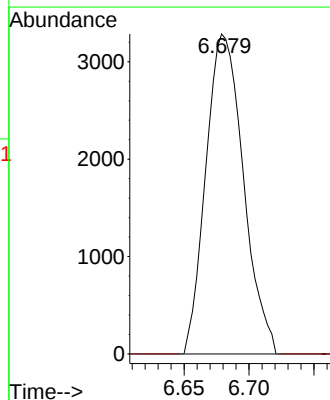
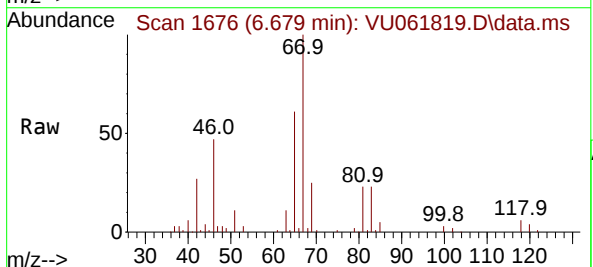
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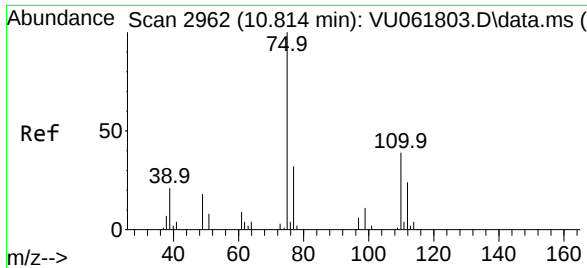
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.4	84.6#
98	0.0	37.7	56.5#



#37
1,2-Dichloropropane
Concen: 0.537 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU061819.D
Acq: 18 Nov 2024 17:43

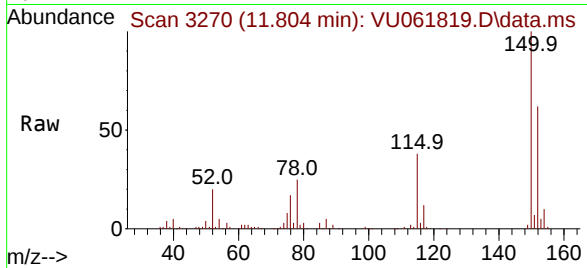
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.254 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU061819.D
 Acq: 18 Nov 2024 17:43

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7890
 Ion Ratio Lower Upper
 75 100
 110 0.6 31.3 46.9#
 77 34.5 26.0 39.0

