

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061524.D
 Acq On : 07 Nov 2024 16:42
 Operator : MD/SY
 Sample : P4743-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:29:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 00:26:16 2024
 Response via : Initial Calibration

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

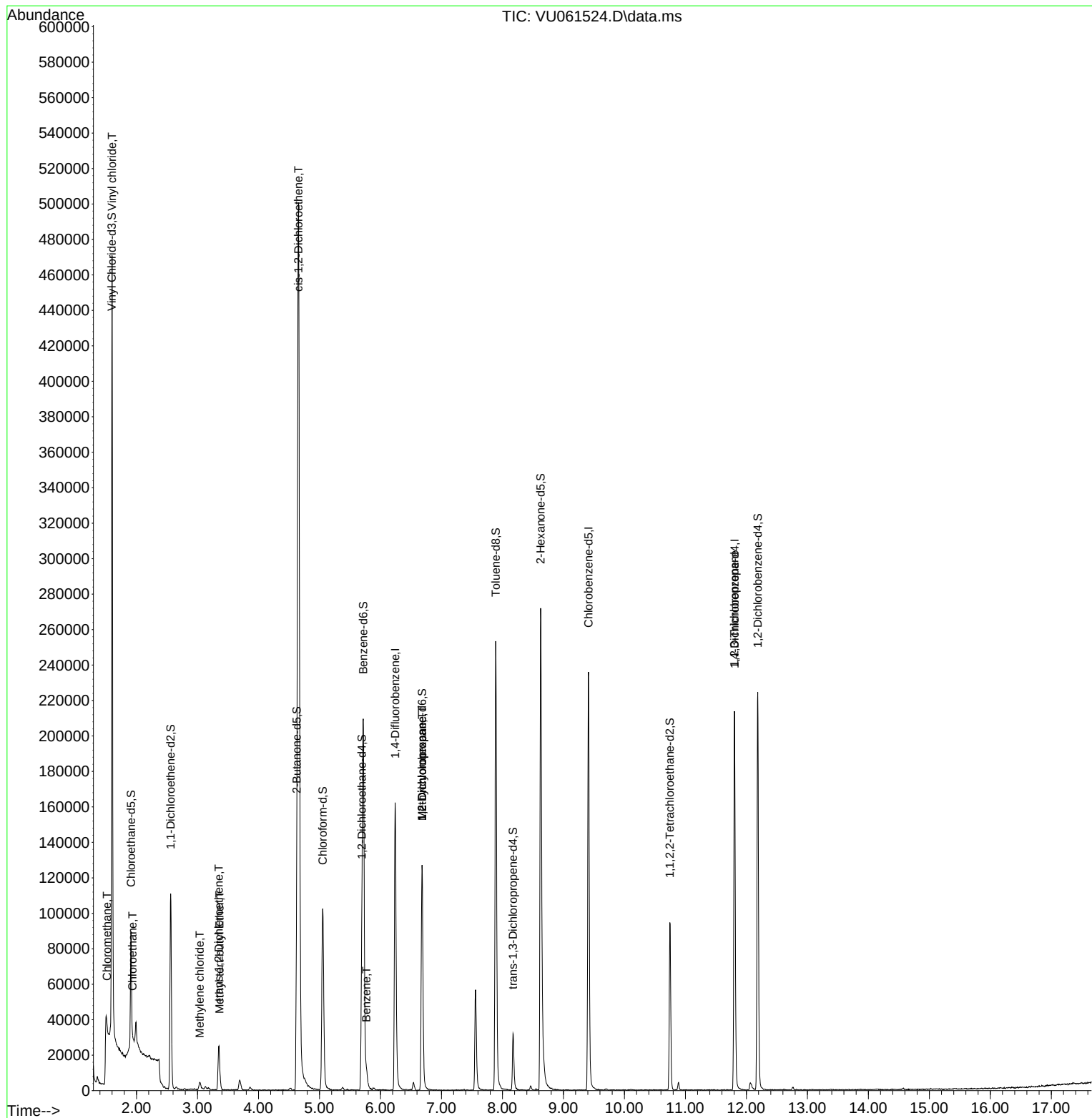
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	140912	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135306	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	47105	4.921	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.400%	
7) Chloroethane-d5	1.911	69	45604	5.197	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.000%	
11) 1,1-Dichloroethene-d2	2.560	65	20915	5.107	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.200%	
20) 2-Butanone-d5	4.627	46	117095	60.252	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.500%	
24) Chloroform-d	5.052	84	99781	5.492	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.800%	
26) 1,2-Dichloroethane-d4	5.695	65	52413	5.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.800%	
32) Benzene-d6	5.717	84	206173	5.408	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.200%	
36) 1,2-Dichloropropane-d6	6.682	67	63789	5.565	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.400%	
41) Toluene-d8	7.891	98	180916	5.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
43) trans-1,3-Dichloroprop...	8.174	79	19964	4.267	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.400%	
46) 2-Hexanone-d5	8.627	63	100930	52.668	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.340%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48025	5.541	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	60277	5.631	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.600%	
Target Compounds						Qvalue
3) Chloromethane	1.518	50	1804	0.182	ug/L #	41
5) Vinyl chloride	1.599	62	257165	23.610	ug/L	83
8) Chloroethane	1.936	64	8746	1.091	ug/L #	50
16) Methylene chloride	3.036	84	1628	0.166	ug/L	92
17) Methyl tert-butyl Ether	3.361	73	2147	0.095	ug/L #	27
18) trans-1,2-Dichloroethene	3.351	96	9797	1.063	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	262425	24.939	ug/L	97
33) Benzene	5.769	78	9236	0.221	ug/L	100
35) Methylcyclohexane	6.682	83	14487	0.800	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	7039	0.664	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	7530	1.250	ug/L #	66

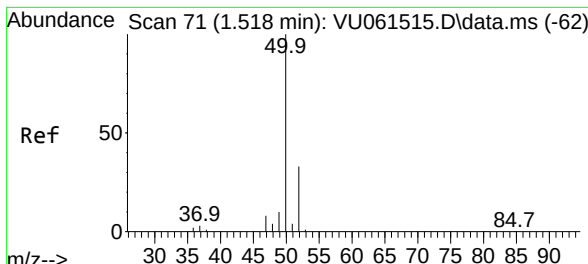
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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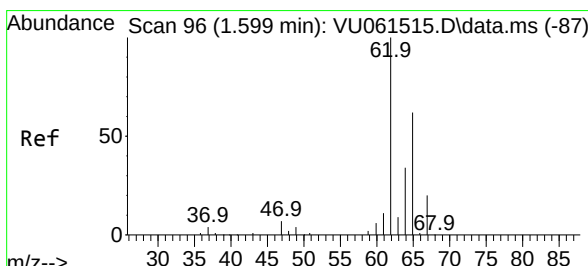
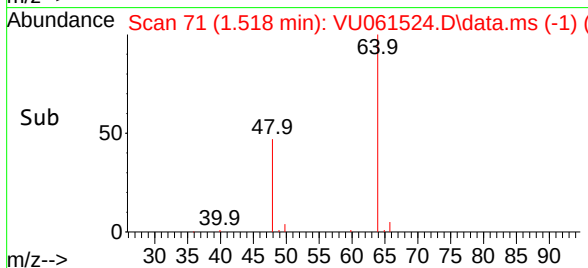
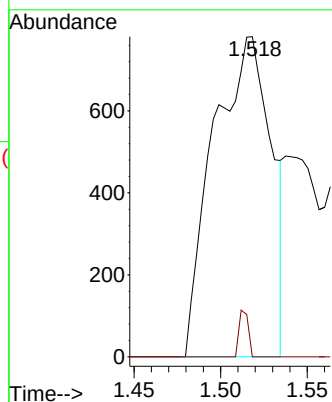
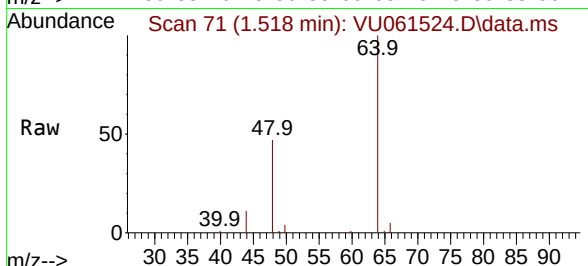




#3
Chloromethane
Concen: 0.182 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU061524.D
Acq: 07 Nov 2024 16:42

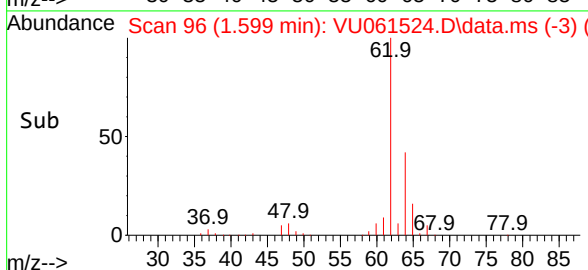
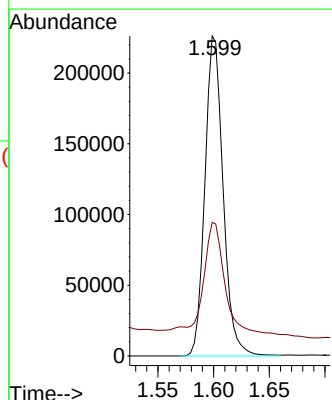
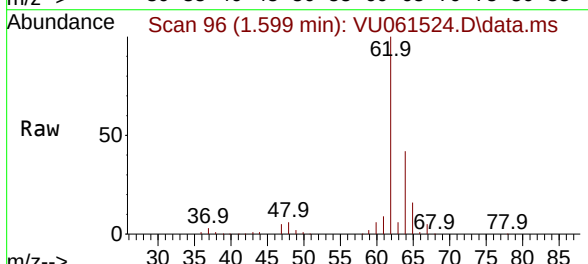
Instrument :
MSVOA_U
ClientSampleId :

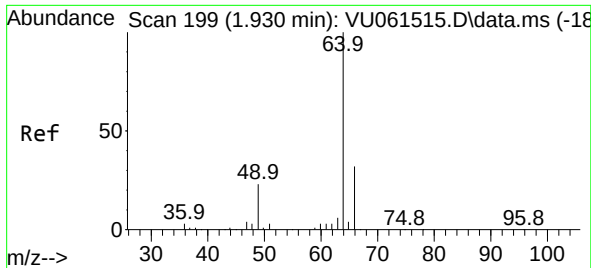
Tgt Ion: 50 Resp: 1804
Ion Ratio Lower Upper
50 100
52 0.0 23.4 43.4#



#5
Vinyl chloride
Concen: 23.610 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU061524.D
Acq: 07 Nov 2024 16:42

Tgt Ion: 62 Resp: 257165
Ion Ratio Lower Upper
62 100
64 41.7 22.6 42.0

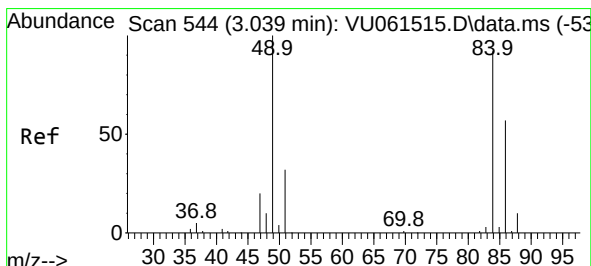
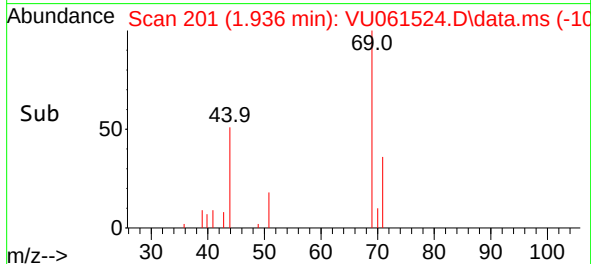
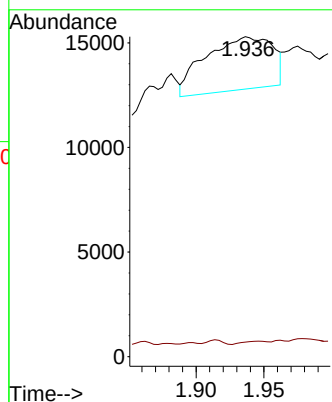
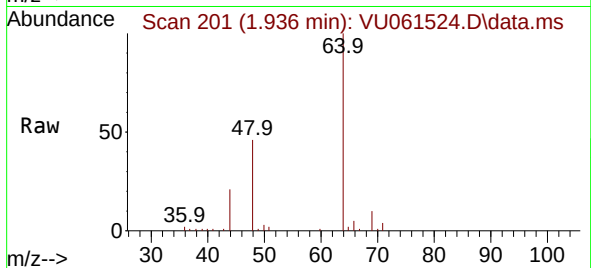




#8
Chloroethane
Concen: 1.091 ug/L
RT: 1.936 min Scan# 201
Delta R.T. 0.006 min
Lab File: VU061524.D
Acq: 07 Nov 2024 16:42

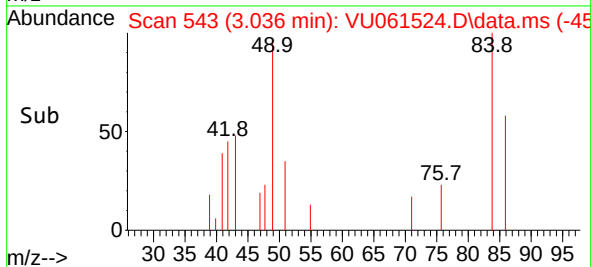
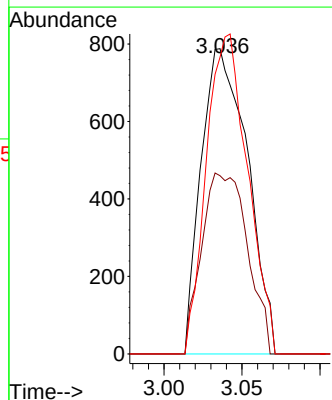
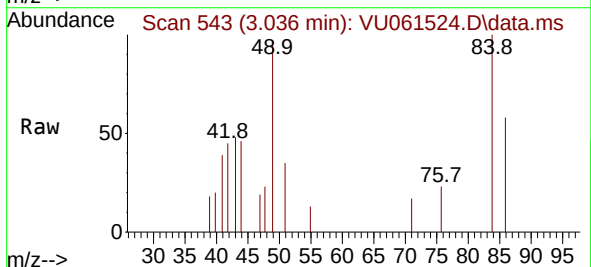
Instrument :
MSVOA_U
ClientSampleId :

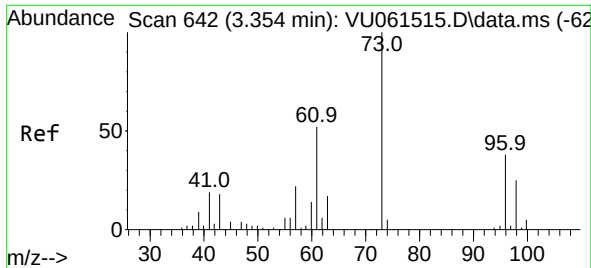
Tgt Ion: 64 Resp: 8746
Ion Ratio Lower Upper
64 100
66 4.5 23.1 42.9#



#16
Methylene chloride
Concen: 0.166 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU061524.D
Acq: 07 Nov 2024 16:42

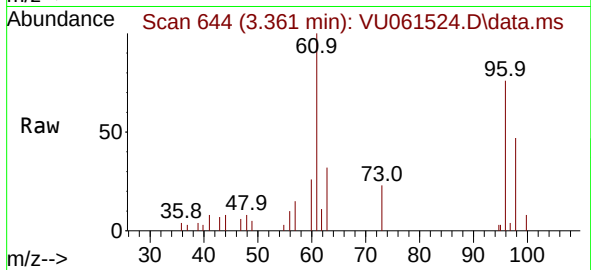
Tgt Ion: 84 Resp: 1628
Ion Ratio Lower Upper
84 100
86 58.4 43.5 80.7
49 97.2 75.7 140.7



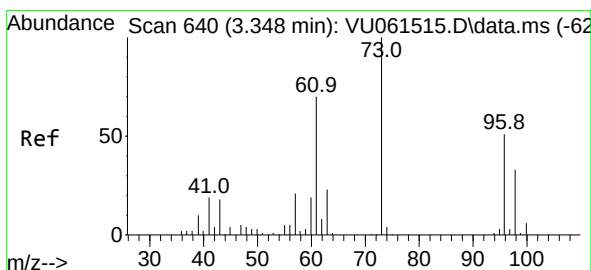
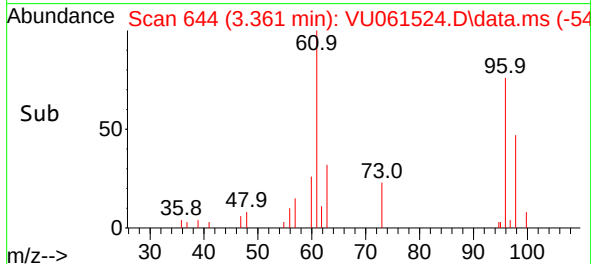
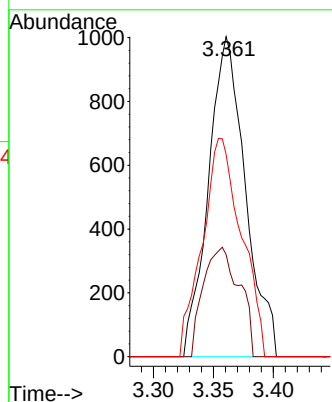


#17
Methyl tert-butyl Ether
Concen: 0.095 ug/L
RT: 3.361 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU061524.D
Acq: 07 Nov 2024 16:42

Instrument :
MSVOA_U
ClientSampleId :

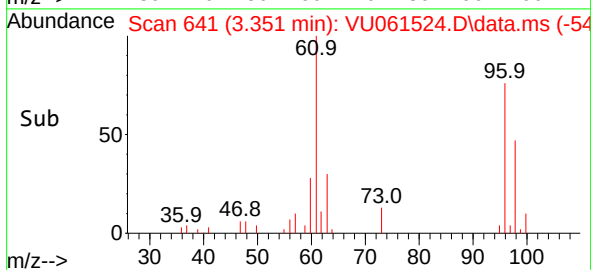
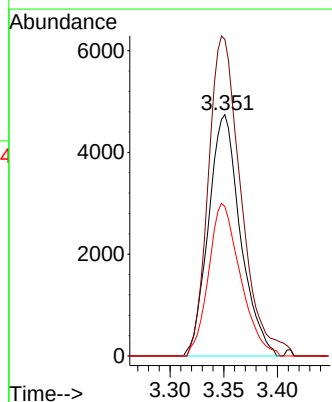
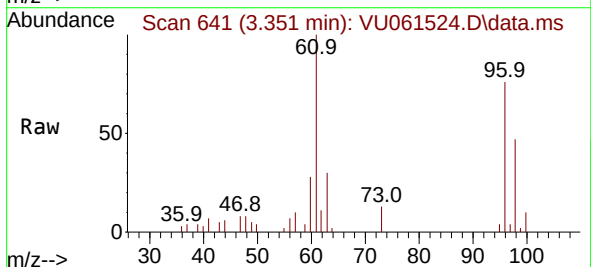


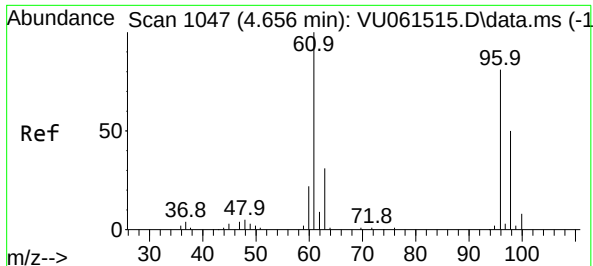
Tgt Ion: 73 Resp: 2147
Ion Ratio Lower Upper
73 100
43 33.3 15.0 22.4#
57 72.2 17.0 25.6#



#18
trans-1,2-Dichloroethene
Concen: 1.063 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU061524.D
Acq: 07 Nov 2024 16:42

Tgt Ion: 96 Resp: 9797
Ion Ratio Lower Upper
96 100
61 131.3 97.9 181.7
98 62.0 46.2 85.8

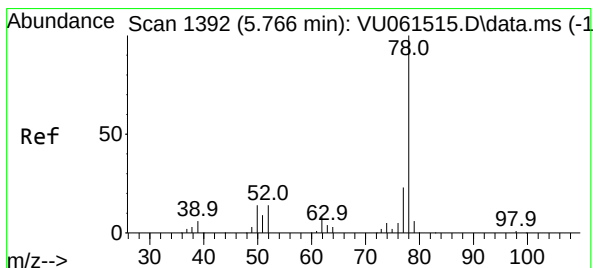
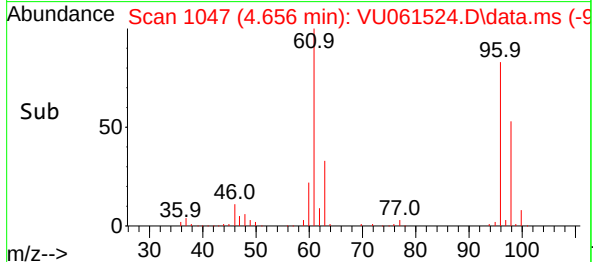
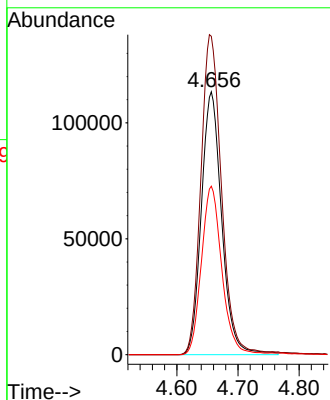
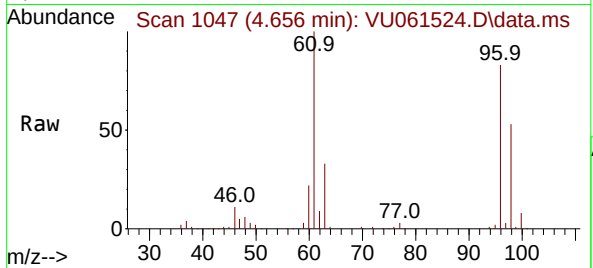




#22
 cis-1,2-Dichloroethene
 Concen: 24.939 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU061524.D
 Acq: 07 Nov 2024 16:42

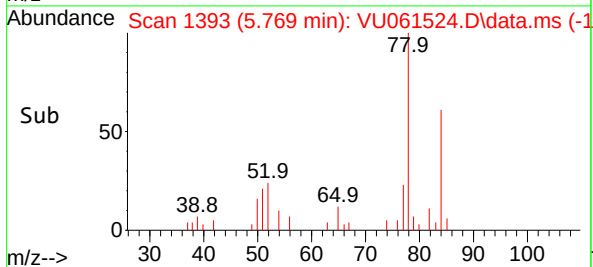
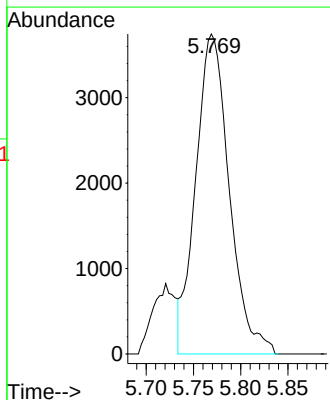
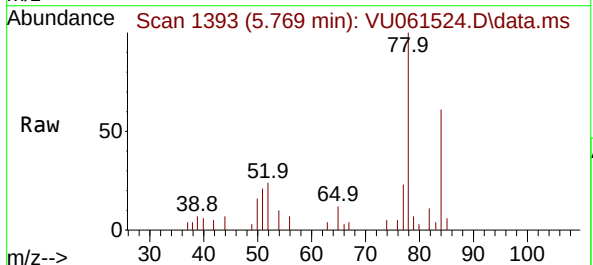
Instrument :
 MSVOA_U
 ClientSampleId :

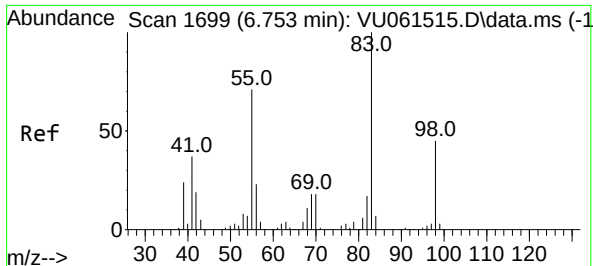
Tgt Ion: 96 Resp: 262425
 Ion Ratio Lower Upper
 96 100
 61 121.1 88.1 163.5
 98 64.1 45.0 83.6



#33
 Benzene
 Concen: 0.221 ug/L
 RT: 5.769 min Scan# 1393
 Delta R.T. 0.003 min
 Lab File: VU061524.D
 Acq: 07 Nov 2024 16:42

Tgt Ion: 78 Resp: 9236





#35

Methylcyclohexane

Concen: 0.800 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU061524.D

Acq: 07 Nov 2024 16:42

Instrument :

MSVOA_U

ClientSampleId :

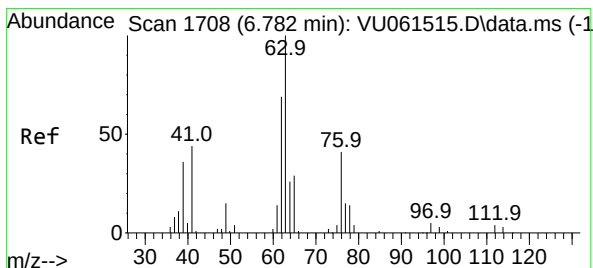
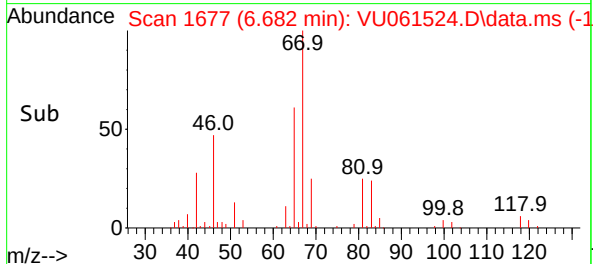
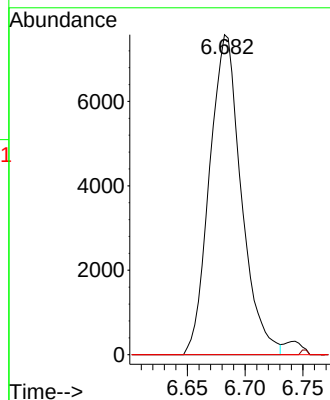
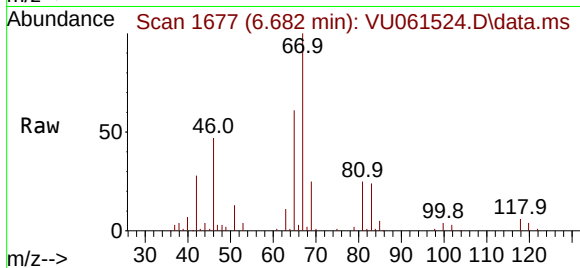
Tgt Ion: 83 Resp: 14487

Ion Ratio Lower Upper

83 100

55 0.3 55.9 83.9#

98 0.1 35.9 53.9#



#37

1,2-Dichloropropane

Concen: 0.664 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU061524.D

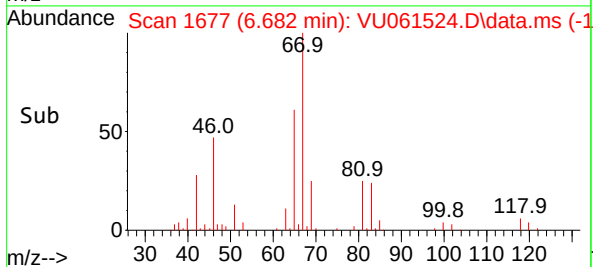
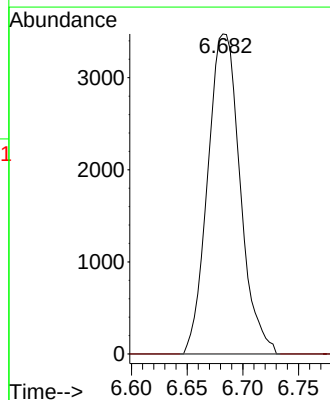
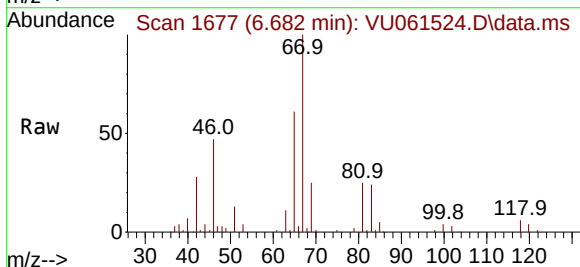
Acq: 07 Nov 2024 16:42

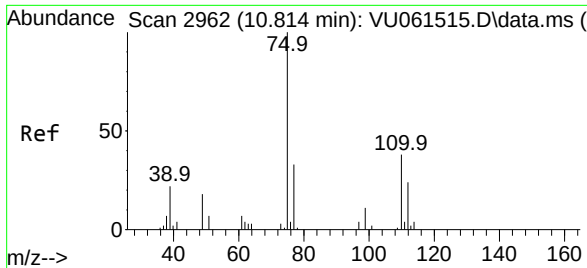
Tgt Ion: 63 Resp: 7039

Ion Ratio Lower Upper

63 100

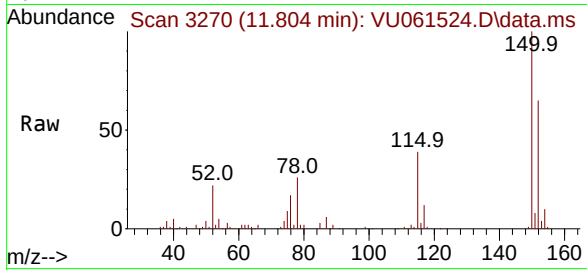
112 0.0 3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.250 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU061524.D
 Acq: 07 Nov 2024 16:42

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	7530
Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.8	43.2#
77	30.6	25.7	38.5

