

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061752.D
 Acq On : 16 Nov 2024 18:14
 Operator : MD/SY
 Sample : P4804-22DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 00:23:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 00:17:37 2024
 Response via : Initial Calibration

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

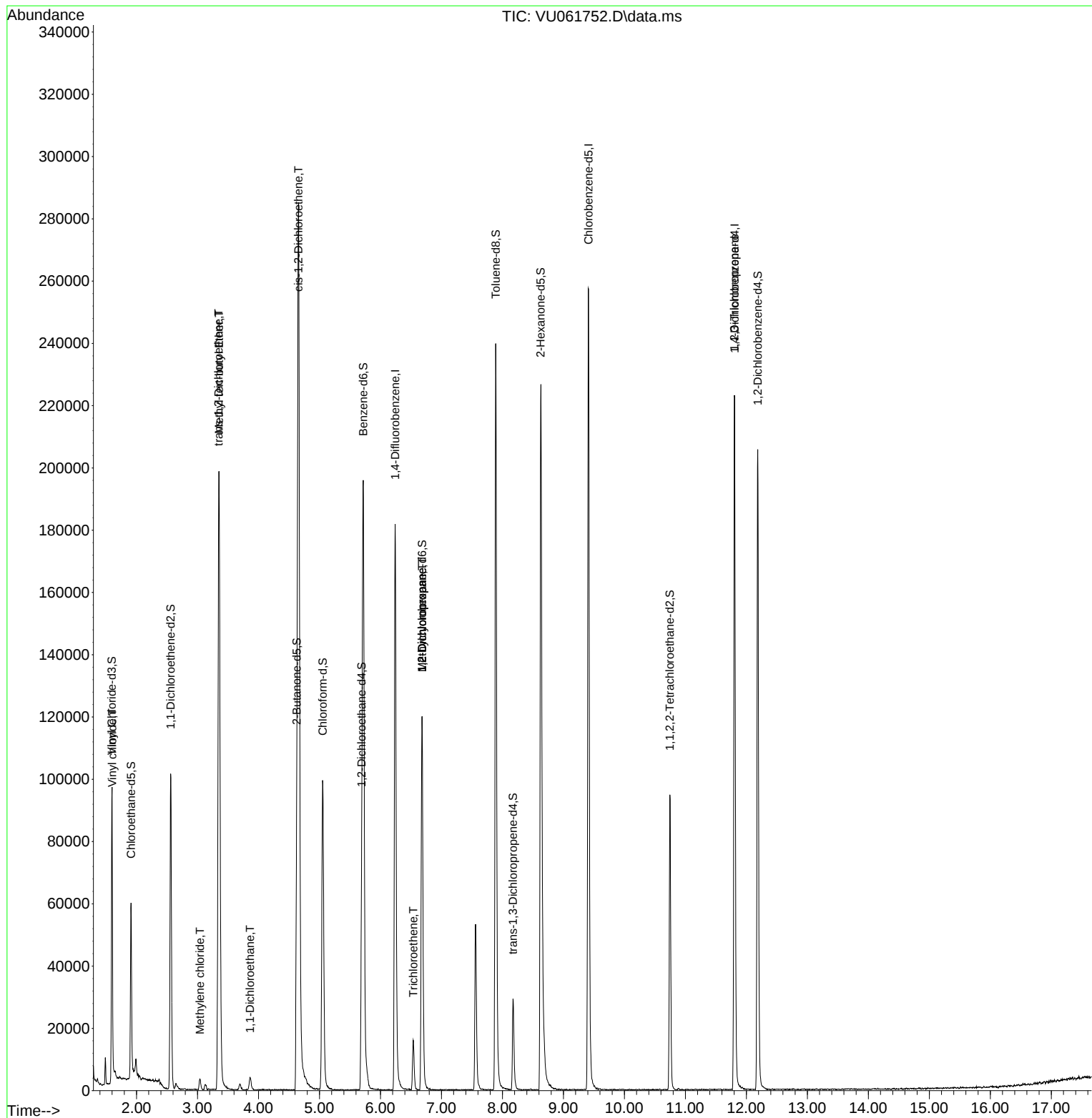
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160995	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153709	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64236	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39801	3.826	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.600%	
7) Chloroethane-d5	1.911	69	40763	4.590	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.560	65	19143	4.102	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.000%	
20) 2-Butanone-d5	4.627	46	108835	49.294	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.580%	
24) Chloroform-d	5.052	84	96983	4.691	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	5.692	65	49781	5.017	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.717	84	192969	4.538	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6	6.682	67	60923	4.858	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.200%	
41) Toluene-d8	7.891	98	170269	4.296	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	8.174	79	18391	3.981	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.600%	
46) 2-Hexanone-d5	8.627	63	88430	48.441	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.880%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47808	4.835	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	58165	5.084	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	19127	1.597	ug/L	88
16) Methylene chloride	3.039	84	1990	0.178	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	152427	6.399	ug/L	100
18) trans-1,2-Dichloroethene	3.348	96	34337	3.221	ug/L	99
19) 1,1-Dichloroethane	3.862	63	5350	0.275	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	147108	12.236	ug/L	96
34) Trichloroethene	6.541	95	5596	0.445	ug/L	98
35) Methylcyclohexane	6.682	83	14050	0.742	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	6580	0.558	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	7485	1.237	ug/L #	65

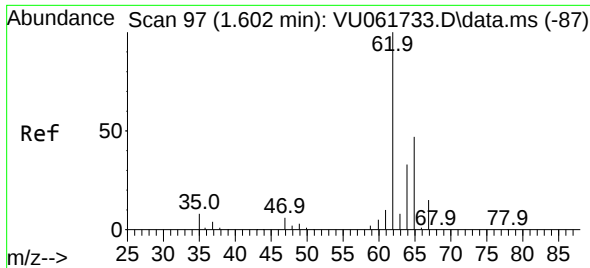
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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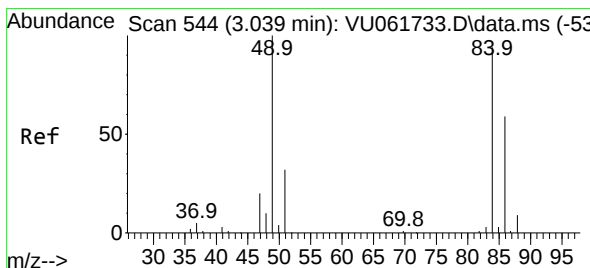
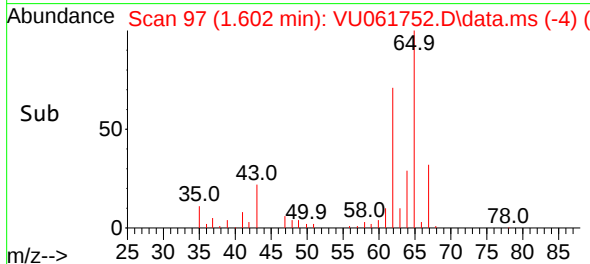
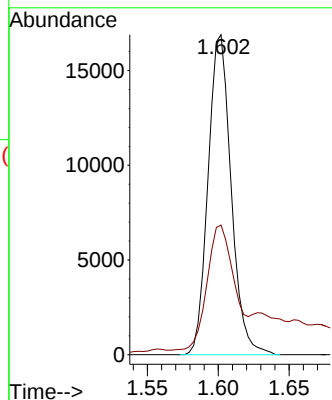
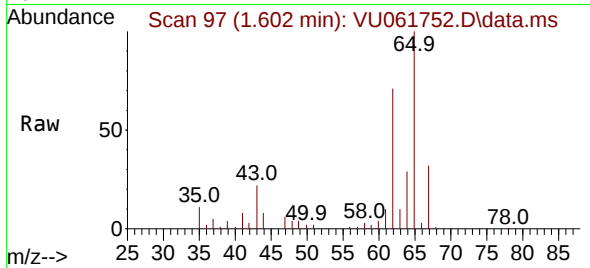




#5
Vinyl chloride
Concen: 1.597 ug/L
RT: 1.602 min Scan# 91
Delta R.T. -0.000 min
Lab File: VU061752.D
Acq: 16 Nov 2024 18:14

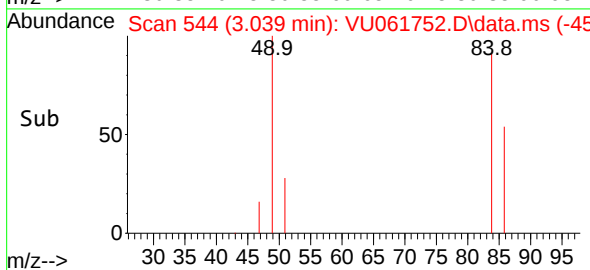
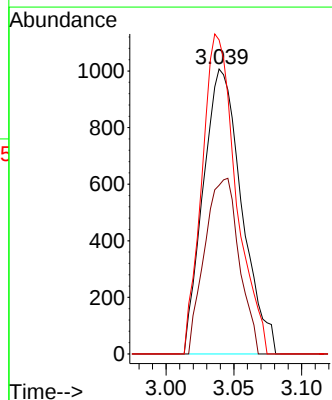
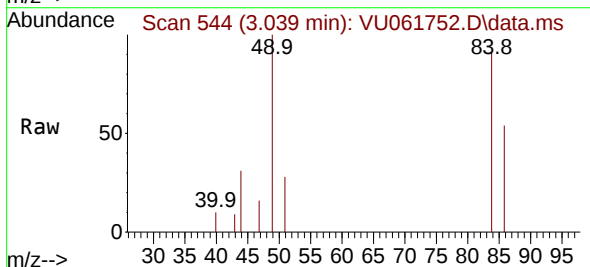
Instrument :
MSVOA_U
ClientSampleId :

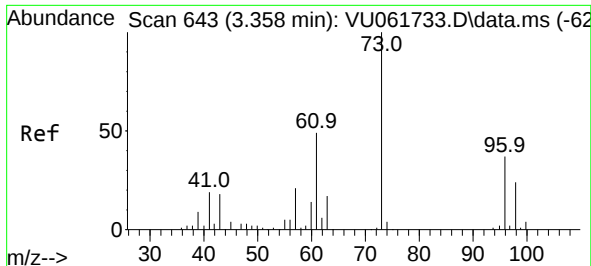
Tgt Ion: 62 Resp: 19127
Ion Ratio Lower Upper
62 100
64 40.5 23.7 44.1



#16
Methylene chloride
Concen: 0.178 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU061752.D
Acq: 16 Nov 2024 18:14

Tgt Ion: 84 Resp: 1990
Ion Ratio Lower Upper
84 100
86 59.2 45.1 83.7
49 110.2 76.3 141.7

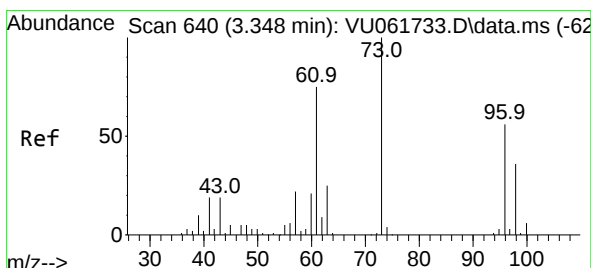
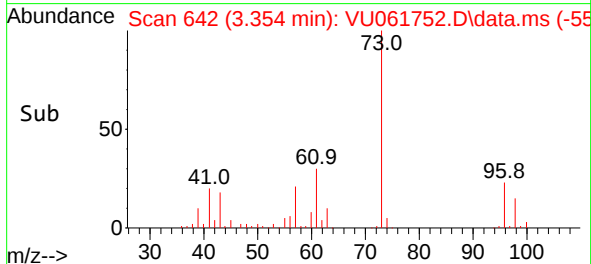
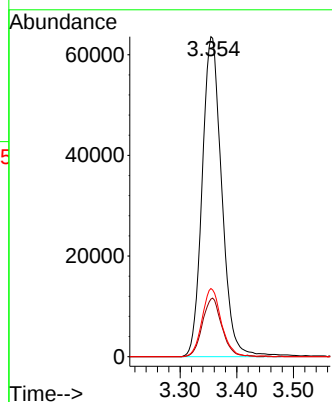
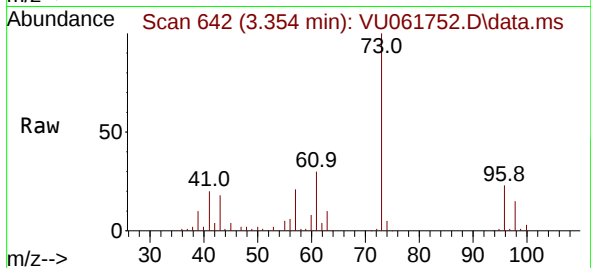




#17
Methyl tert-butyl Ether
Concen: 6.399 ug/L
RT: 3.354 min Scan# 643
Delta R.T. -0.003 min
Lab File: VU061752.D
Acq: 16 Nov 2024 18:14

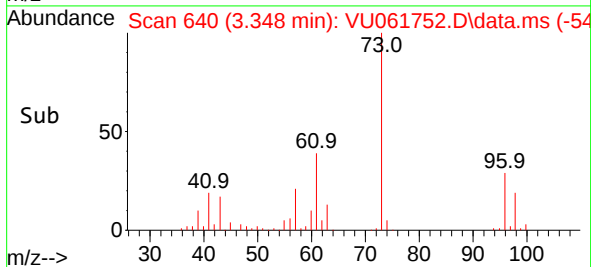
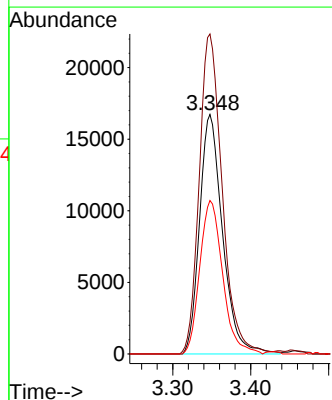
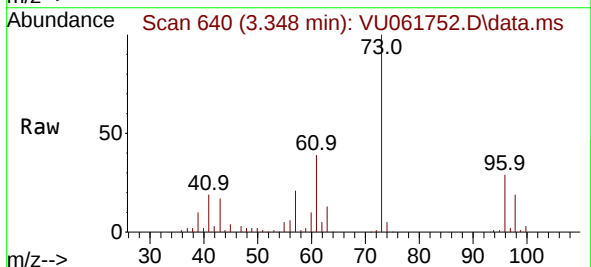
Instrument :
MSVOA_U
ClientSampleId :

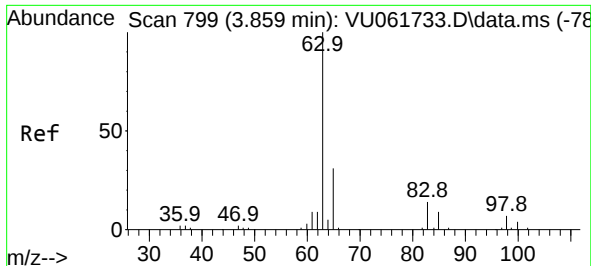
Tgt Ion: 73 Resp: 152427
Ion Ratio Lower Upper
73 100
43 18.1 14.2 21.4
57 21.0 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 3.221 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU061752.D
Acq: 16 Nov 2024 18:14

Tgt Ion: 96 Resp: 34337
Ion Ratio Lower Upper
96 100
61 133.6 94.1 174.8
98 64.1 43.2 80.2





#19

1,1-Dichloroethane

Concen: 0.275 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU061752.D

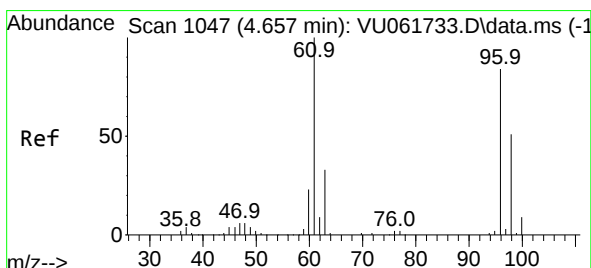
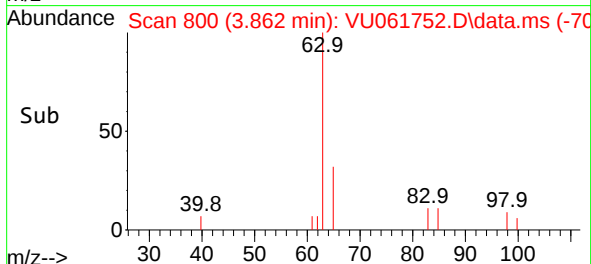
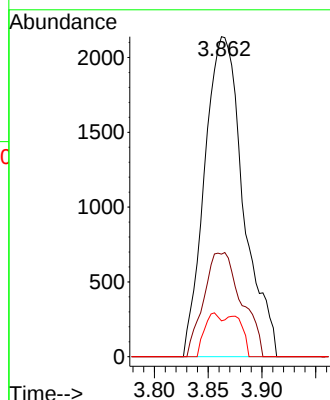
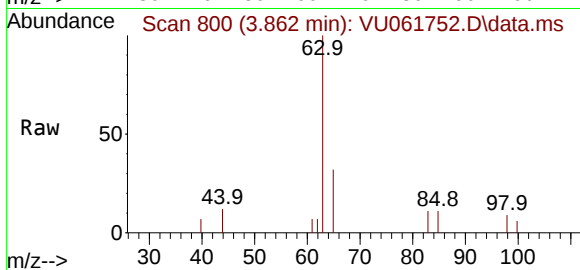
Acq: 16 Nov 2024 18:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	5350
Ion	Ratio	Lower	Upper
63	100		
65	32.1	23.4	43.4
83	11.2	9.6	17.8



#22

cis-1,2-Dichloroethene

Concen: 12.236 ug/L

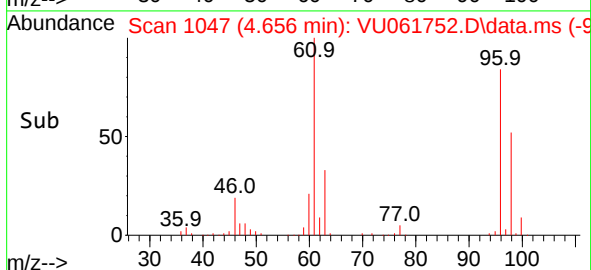
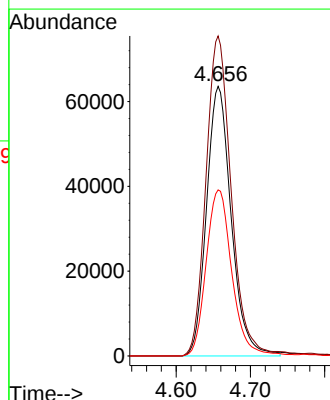
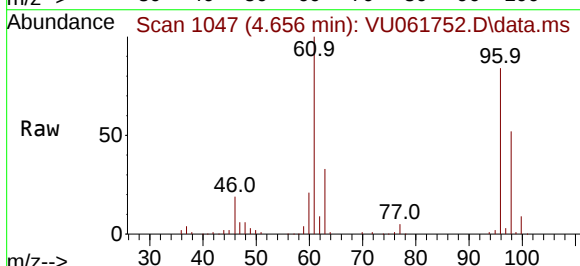
RT: 4.656 min Scan# 1047

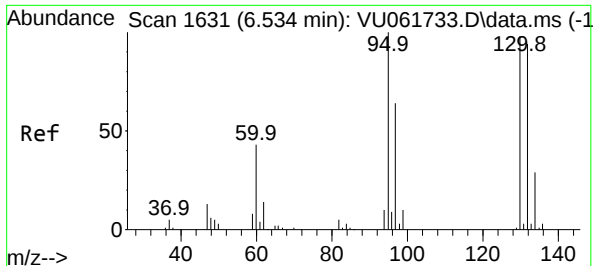
Delta R.T. -0.000 min

Lab File: VU061752.D

Acq: 16 Nov 2024 18:14

Tgt Ion:	96	Resp:	147108
Ion	Ratio	Lower	Upper
96	100		
61	118.7	85.6	159.0
98	61.6	45.6	84.8



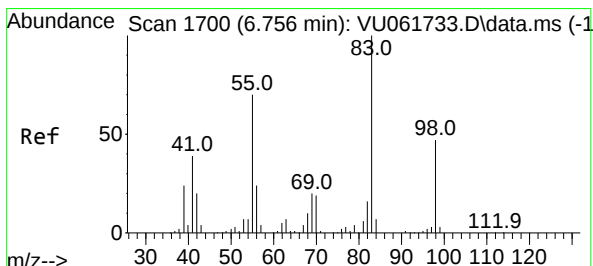
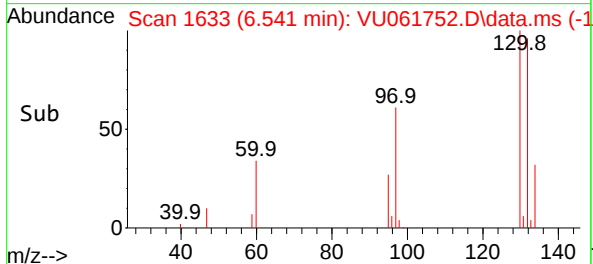
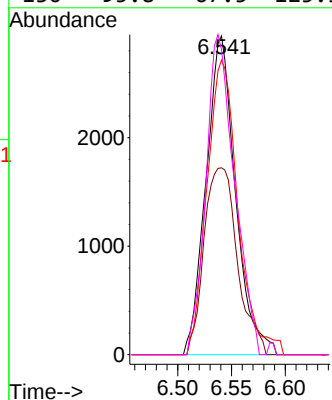
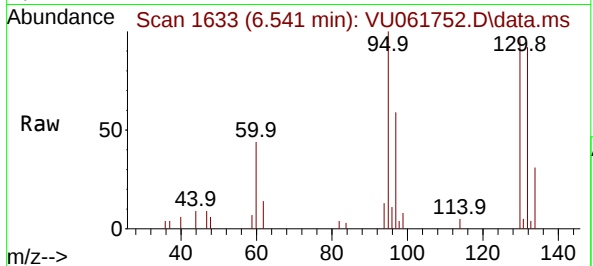


#34
Trichloroethene
Concen: 0.445 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.006 min
Lab File: VU061752.D
Acq: 16 Nov 2024 18:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 5596

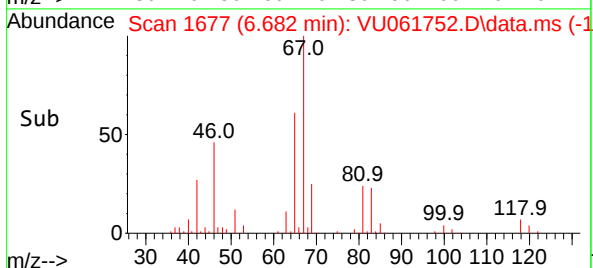
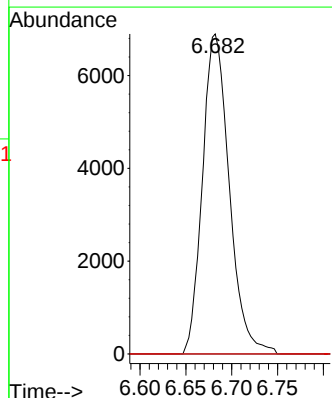
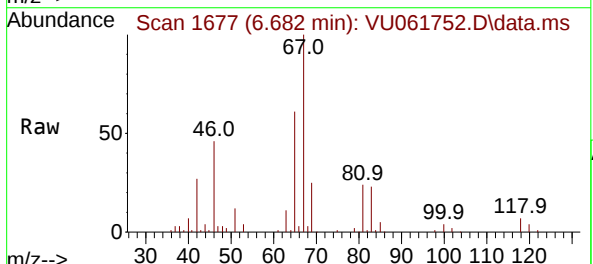
Ion	Ratio	Lower	Upper
95	100		
97	58.7	43.5	80.9
132	92.4	65.2	121.0
130	95.8	67.5	125.3

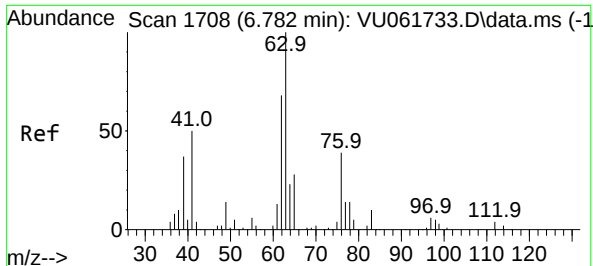


#35
Methylcyclohexane
Concen: 0.742 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU061752.D
Acq: 16 Nov 2024 18:14

Tgt Ion: 83 Resp: 14050

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.4	84.6#
98	3.2	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 0.558 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU061752.D

Acq: 16 Nov 2024 18:14

Instrument :

MSVOA_U

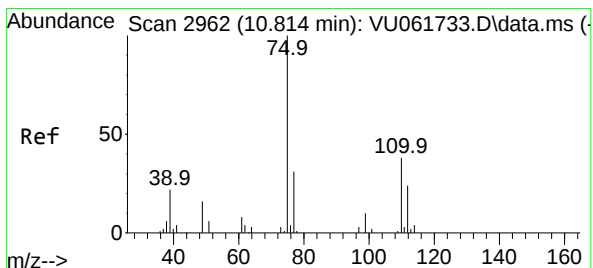
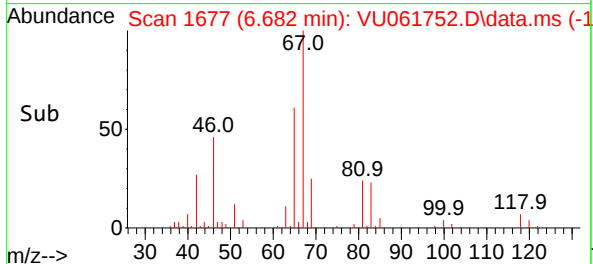
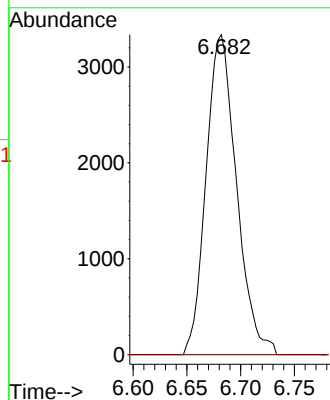
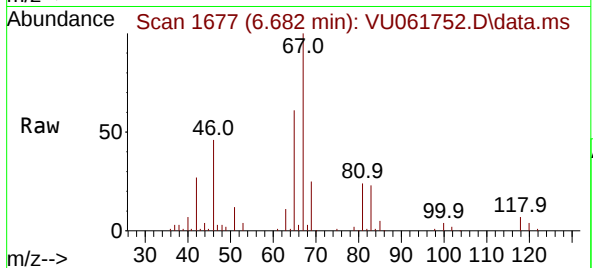
ClientSampleId :

Tgt Ion: 63 Resp: 6580

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#61

1,2,3-Trichloropropane

Concen: 1.237 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061752.D

Acq: 16 Nov 2024 18:14

Tgt Ion: 75 Resp: 7485

Ion Ratio Lower Upper

75 100

110 1.1 31.3 46.9#

77 33.6 26.0 39.0

