

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110824\
 Data File : VU061574.D
 Acq On : 09 Nov 2024 03:00
 Operator : MD/SY
 Sample : P4748-21
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 00:11:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 09 01:40:03 2024
 Response via : Initial Calibration

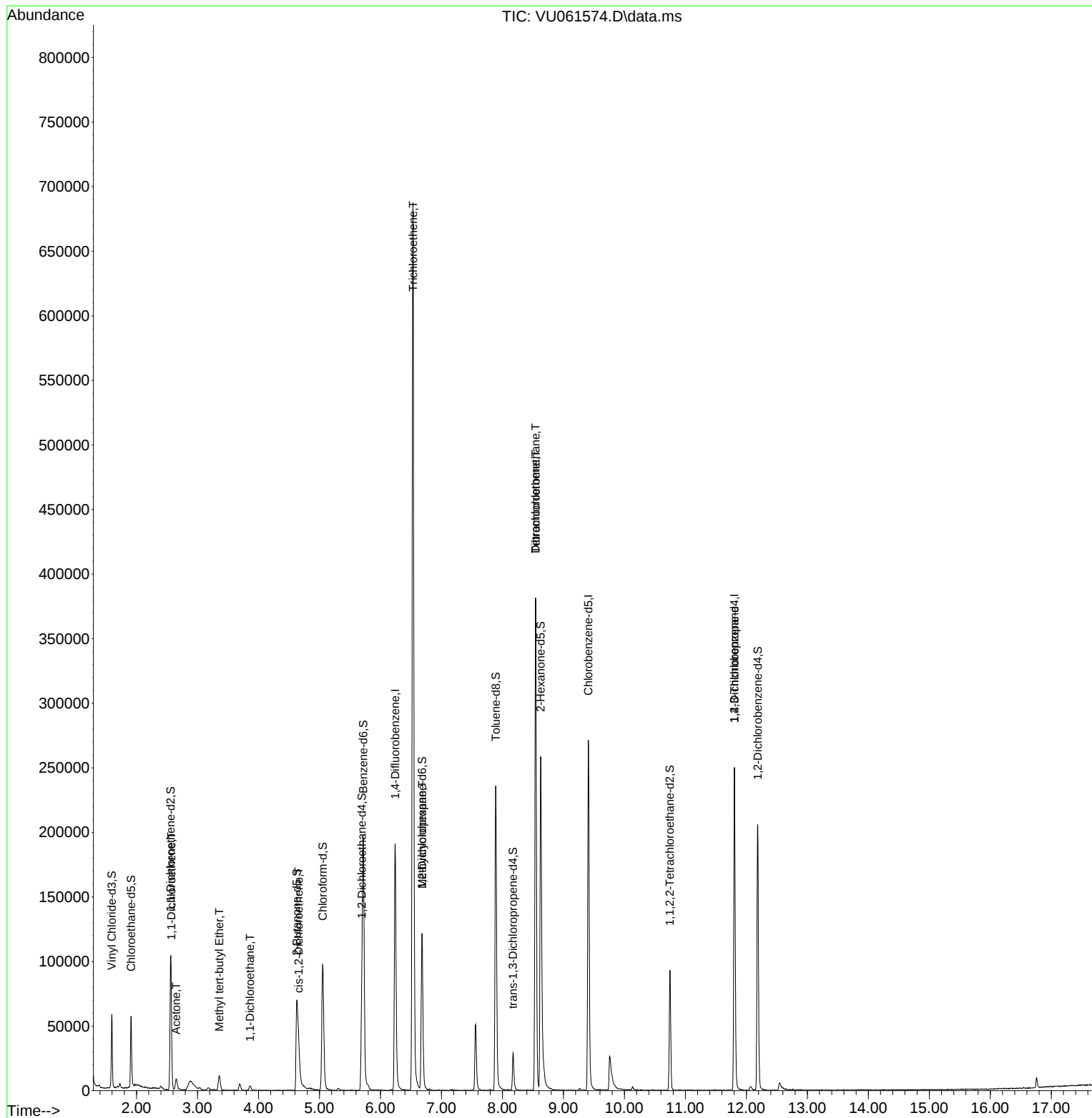
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166227	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	158276	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69885	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38859	3.441	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.800%	
7) Chloroethane-d5	1.911	69	39830	3.848	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.000%	
11) 1,1-Dichloroethene-d2	2.560	65	19501	4.037	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.800%	
20) 2-Butanone-d5	4.627	46	113511	49.512	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.020%	
24) Chloroform-d	5.052	84	94058	4.388	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.695	65	48226	4.514	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
32) Benzene-d6	5.717	84	192338	4.313	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
36) 1,2-Dichloropropane-d6	6.682	67	60255	4.494	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.800%	
41) Toluene-d8	7.891	98	170248	4.083	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	8.174	79	17653	3.225	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	64.600%	
46) 2-Hexanone-d5	8.627	63	96346	42.980	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.960%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46487	4.585	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	57660	4.659	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.200%	
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	2153	0.219	ug/L #	1
13) Acetone	2.650	43	12854	8.852	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	13093	0.492	ug/L	99
19) 1,1-Dichloroethane	3.862	63	4651	0.227	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	8415	0.678	ug/L	90
34) Trichloroethene	6.534	95	240857	18.089	ug/L	98
35) Methylcyclohexane	6.682	83	13838	0.653	ug/L #	26
47) Tetrachloroethene	8.544	164	84159	9.050	ug/L	99
49) Dibromochloromethane	8.544	129	82970	8.193	ug/L #	12
61) 1,2,3-Trichloropropane	11.804	75	8010	1.151	ug/L #	67

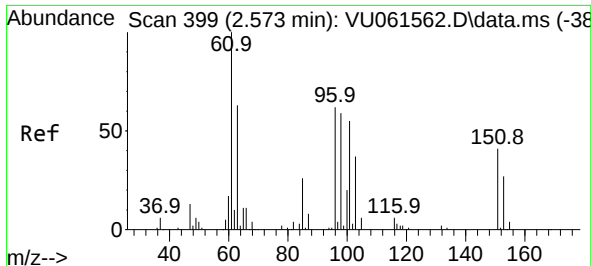
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.219 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU061574.D

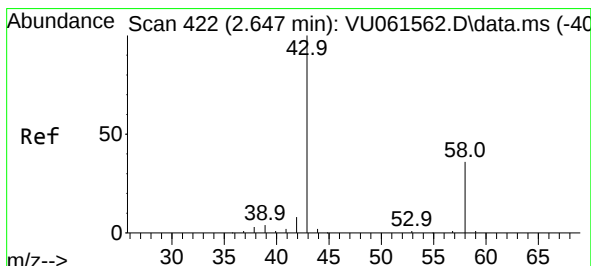
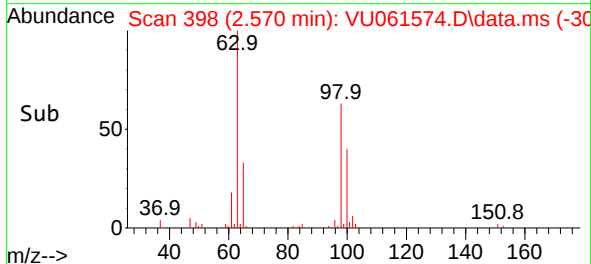
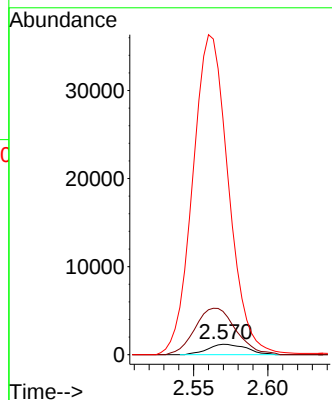
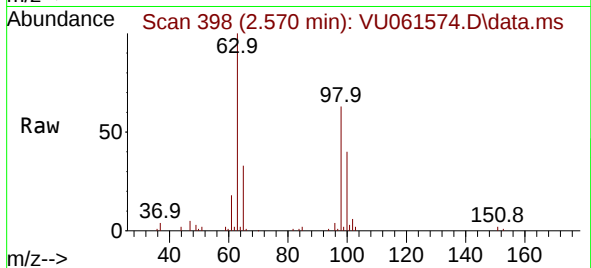
Acq: 09 Nov 2024 03:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 2153
Ion Ratio Lower Upper
96 100
61 418.2 119.1 221.1#
63 2277.9 89.4 166.0#



#13

Acetone

Concen: 8.852 ug/L

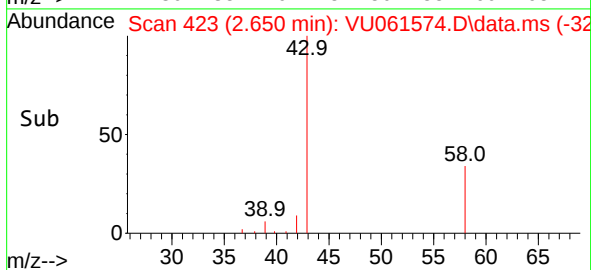
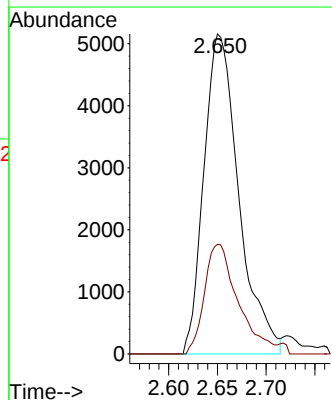
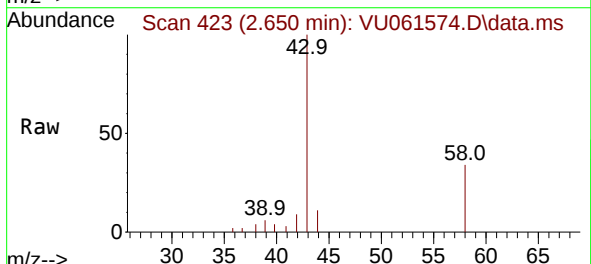
RT: 2.650 min Scan# 423

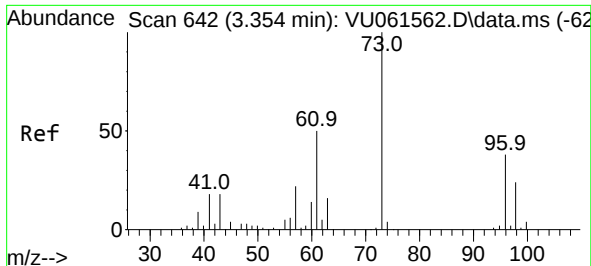
Delta R.T. 0.003 min

Lab File: VU061574.D

Acq: 09 Nov 2024 03:00

Tgt Ion: 43 Resp: 12854
Ion Ratio Lower Upper
43 100
58 33.0 0.0 73.2





#17

Methyl tert-butyl Ether

Concen: 0.492 ug/L

RT: 3.357 min Scan# 64

Delta R.T. 0.003 min

Lab File: VU061574.D

Acq: 09 Nov 2024 03:00

Instrument :

MSVOA_U

ClientSampleId :

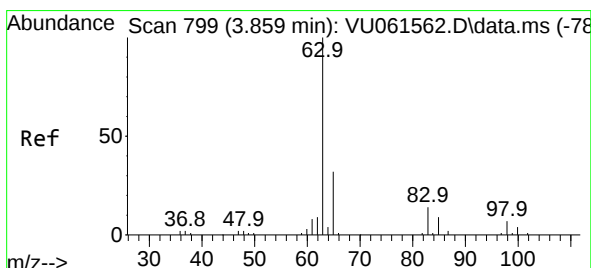
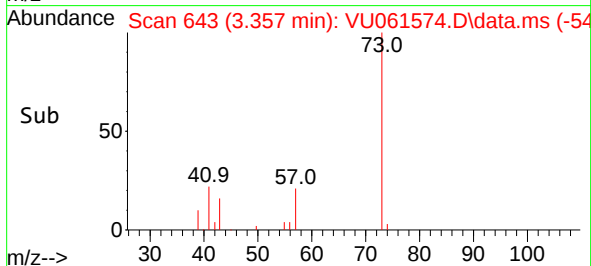
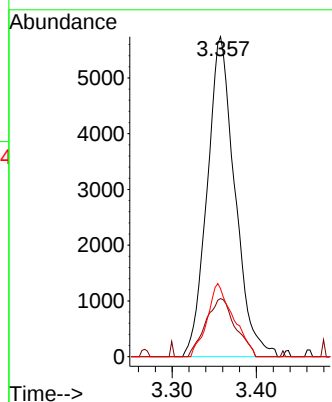
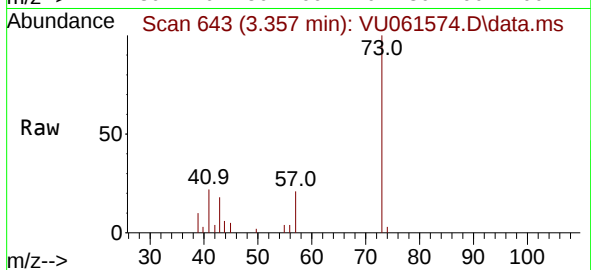
Tgt Ion: 73 Resp: 13093

Ion Ratio Lower Upper

73 100

43 19.6 15.0 22.4

57 21.6 17.0 25.6



#19

1,1-Dichloroethane

Concen: 0.227 ug/L

RT: 3.862 min Scan# 800

Delta R.T. 0.003 min

Lab File: VU061574.D

Acq: 09 Nov 2024 03:00

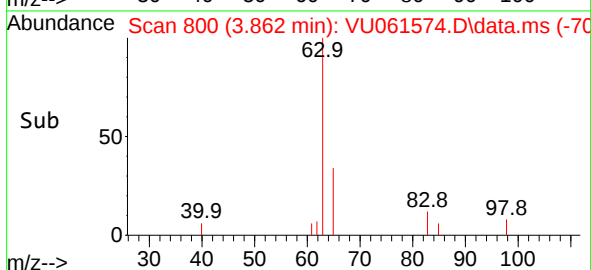
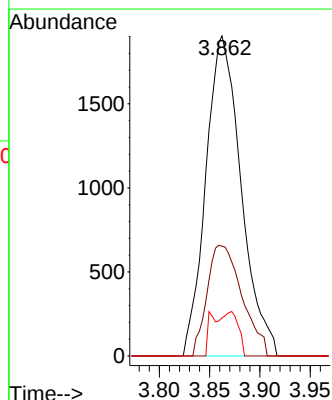
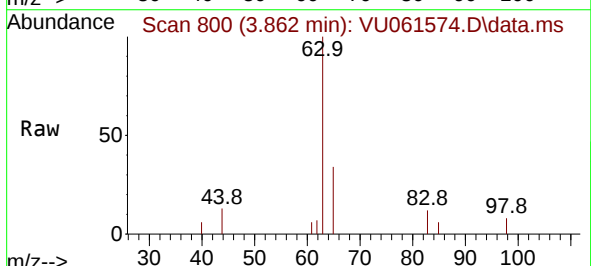
Tgt Ion: 63 Resp: 4651

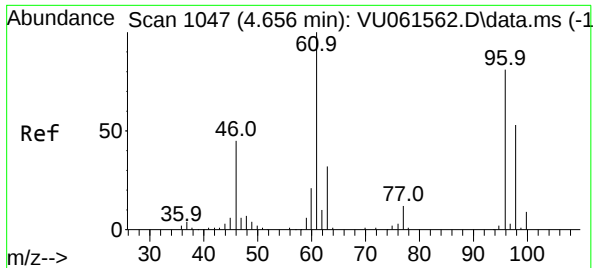
Ion Ratio Lower Upper

63 100

65 34.3 23.0 42.6

83 11.9 9.7 17.9

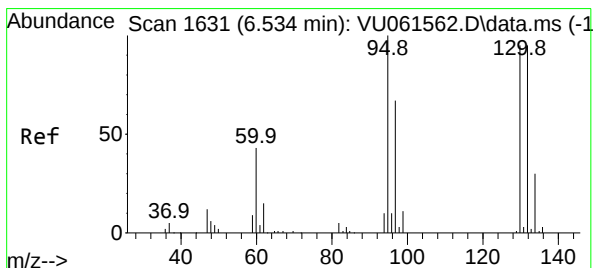
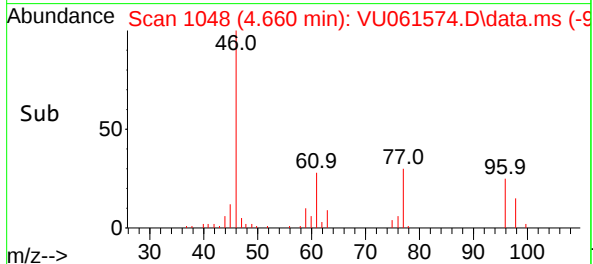
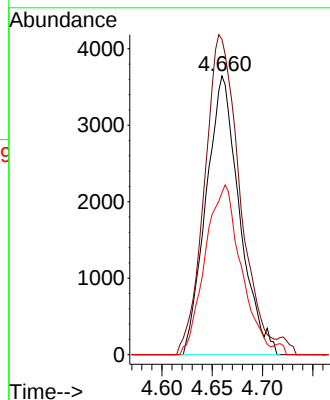
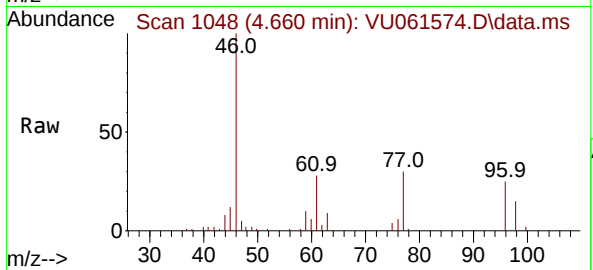




#22
 cis-1,2-Dichloroethene
 Concen: 0.678 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU061574.D
 Acq: 09 Nov 2024 03:00

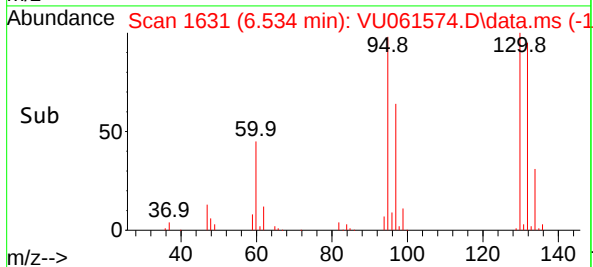
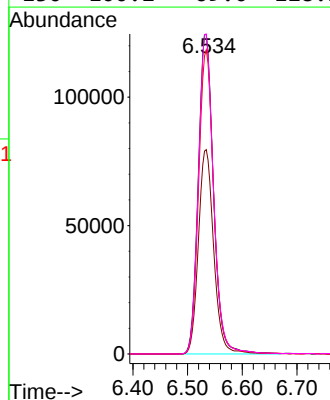
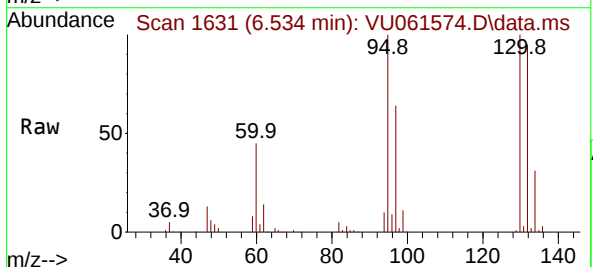
Instrument :
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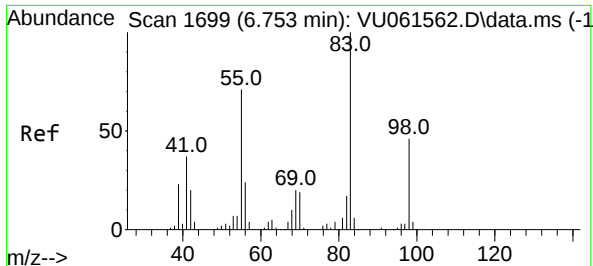
Tgt Ion: 96 Resp: 8415
 Ion Ratio Lower Upper
 96 100
 61 113.2 88.1 163.5
 98 58.2 45.0 83.6



#34
 Trichloroethene
 Concen: 18.089 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VU061574.D
 Acq: 09 Nov 2024 03:00

Tgt Ion: 95 Resp: 240857
 Ion Ratio Lower Upper
 95 100
 97 64.0 46.1 85.7
 132 95.2 66.1 122.7
 130 100.2 69.0 128.2

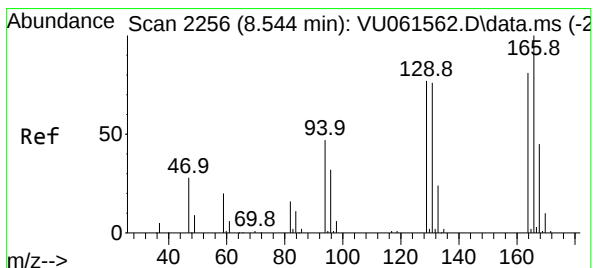
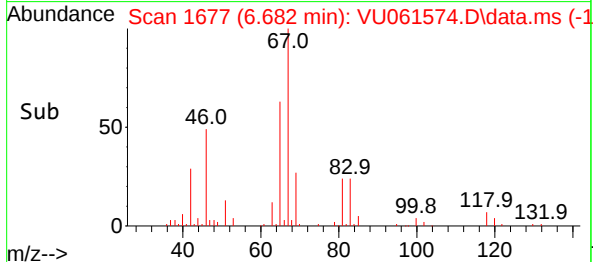
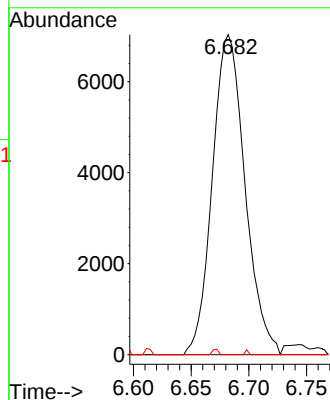
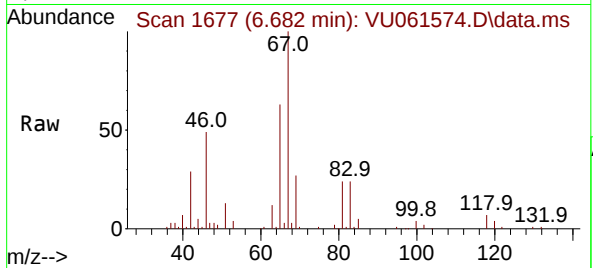




#35
Methylcyclohexane
Concen: 0.653 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU061574.D
Acq: 09 Nov 2024 03:00

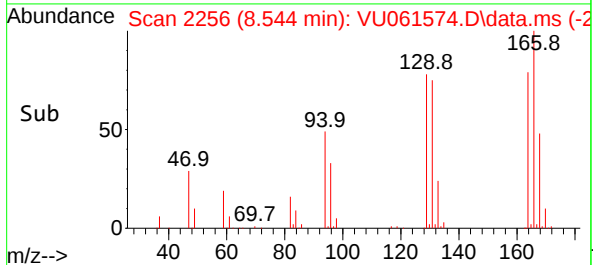
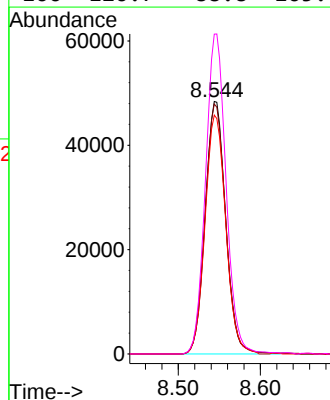
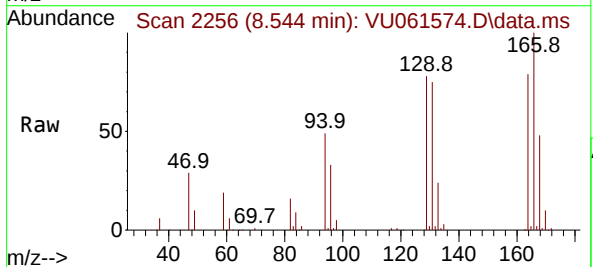
Instrument :
MSVOA_U
ClientSampleId :

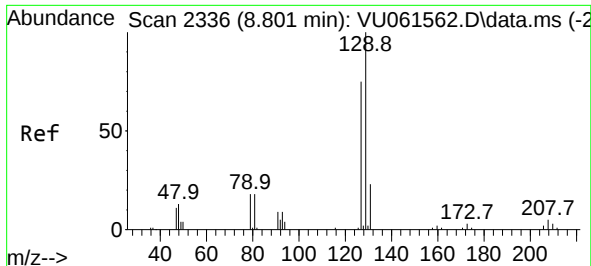
Tgt Ion: 83 Resp: 13838
Ion Ratio Lower Upper
83 100
55 0.0 55.9 83.9#
98 7.9 35.9 53.9#



#47
Tetrachloroethene
Concen: 9.050 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU061574.D
Acq: 09 Nov 2024 03:00

Tgt Ion:164 Resp: 84159
Ion Ratio Lower Upper
164 100
129 99.0 69.9 129.7
131 94.6 68.3 126.8
166 126.7 88.8 165.0





#49

Dibromochloromethane

Concen: 8.193 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU061574.D

Acq: 09 Nov 2024 03:00

Instrument :

MSVOA_U

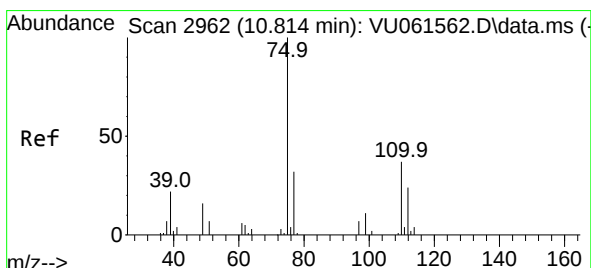
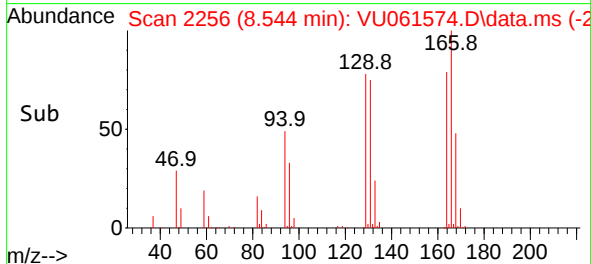
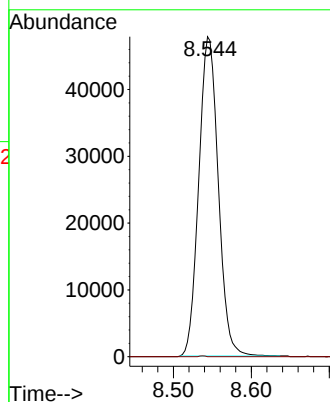
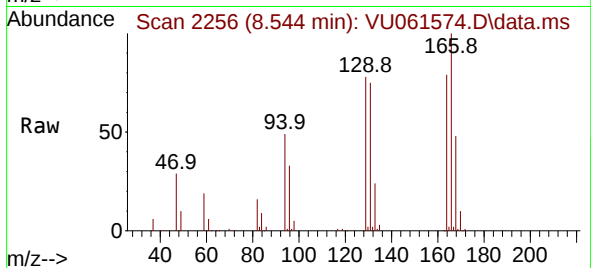
ClientSampleId :

Tgt Ion:129 Resp: 82970

Ion Ratio Lower Upper

129 100

127 0.0 51.8 96.2#



#61

1,2,3-Trichloropropane

Concen: 1.151 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061574.D

Acq: 09 Nov 2024 03:00

Tgt Ion: 75 Resp: 8010

Ion Ratio Lower Upper

75 100

110 1.5 28.8 43.2#

77 34.4 25.7 38.5

