

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052982.D
 Acq On : 06 Feb 2023 15:56
 Operator : JC/MD
 Sample : 01444-06 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM10

Quant Time: Feb 07 01:07:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

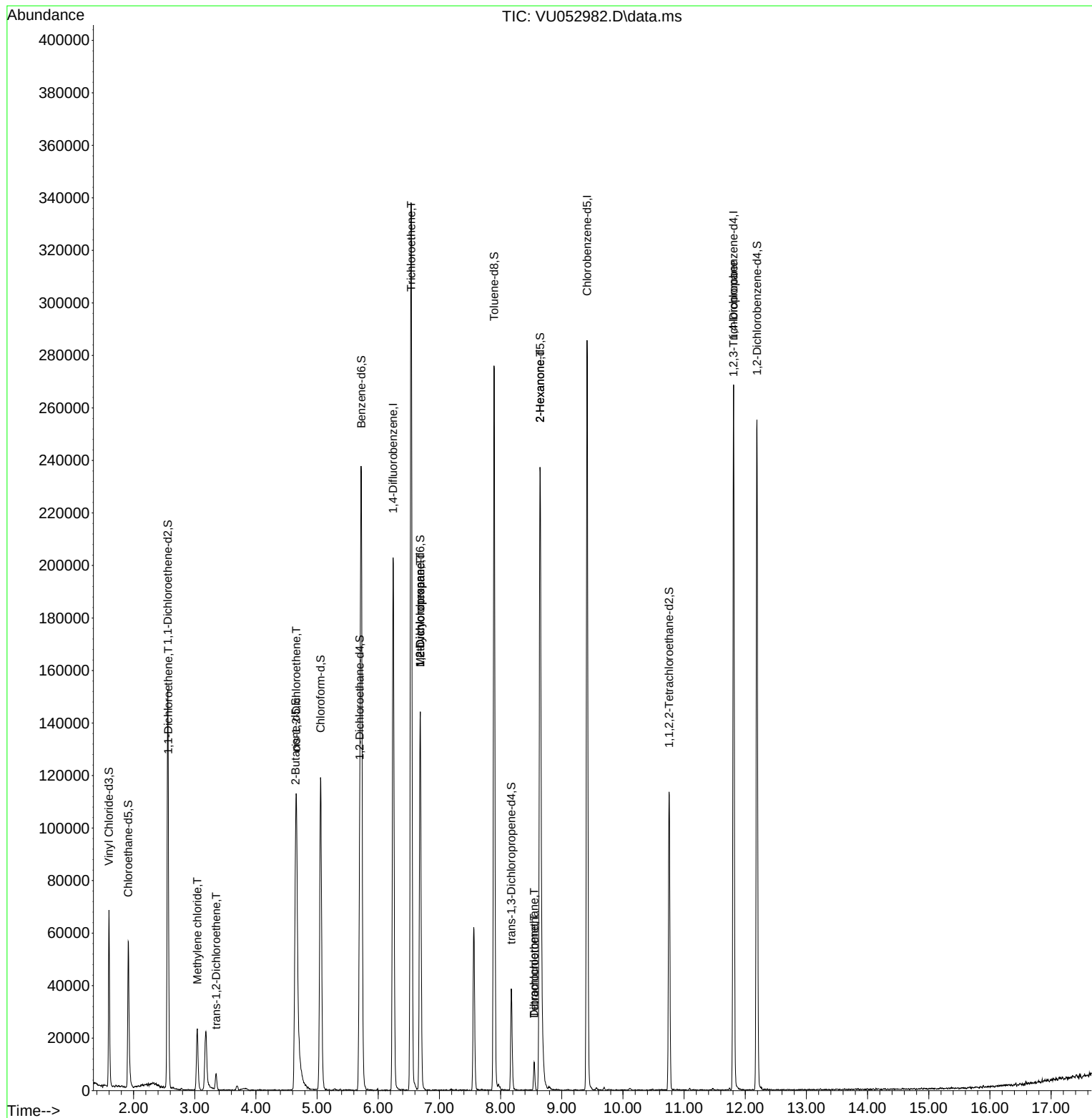
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	171875	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	165884	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	75695	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	52406	3.471	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.912	69	50100	4.073	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.400%	
11) 1,1-Dichloroethene-d2	2.559	65	27299	4.105	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.200%	
20) 2-Butanone-d5	4.649	46	126952	31.444	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	62.880%	
24) Chloroform-d	5.057	84	113351	4.024	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
26) 1,2-Dichloroethane-d4	5.697	65	57843	3.999	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
32) Benzene-d6	5.723	84	232663	4.327	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
36) 1,2-Dichloropropane-d6	6.687	67	70510	3.935	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	78.800%	
41) Toluene-d8	7.893	98	188410	3.975	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	8.176	79	23153	3.475	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.400%	
46) 2-Hexanone-d5	8.645	63	94246	34.051	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	68.100%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	57031	4.157	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	70178	5.093	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.568	96	3269	0.219	ug/L #	1
16) Methylene chloride	3.041	84	12340	0.622	ug/L	82
18) trans-1,2-Dichloroethene	3.350	96	3058	0.201	ug/L	71
22) cis-1,2-Dichloroethene	4.661	96	35653	2.185	ug/L	87
34) Trichloroethene	6.539	95	117343	7.555	ug/L	95
35) Methylcyclohexane	6.687	83	17370	0.677	ug/L #	16
37) 1,2-Dichloropropane	6.687	63	7333	0.416	ug/L #	89
47) Tetrachloroethene	8.549	164	2487	0.217	ug/L	94
48) 2-Hexanone	8.645	43	13459	1.824	ug/L #	82
49) Dibromochloromethane	8.549	129	2258	0.176	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	8216	0.934	ug/L #	70

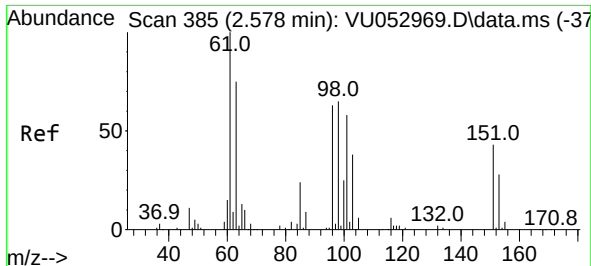
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.219 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.010 min

Lab File: VU052982.D

Acq: 06 Feb 2023 15:56

Instrument :

MSVOA_U

ClientSampleId :

COM10

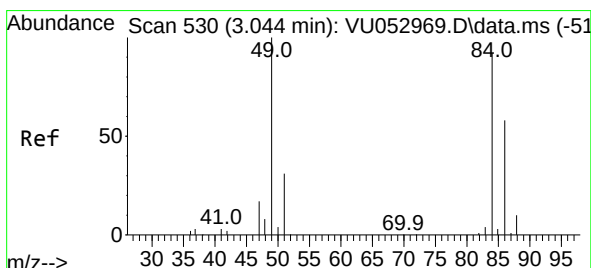
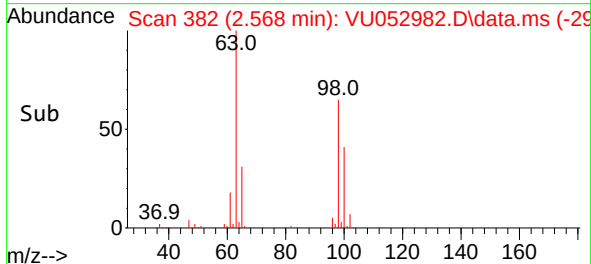
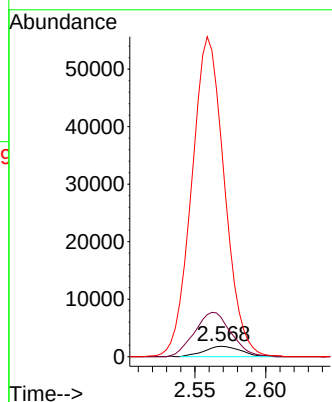
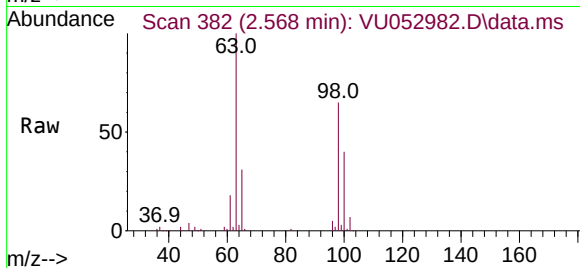
Tgt Ion: 96 Resp: 3269

Ion Ratio Lower Upper

96 100

61 379.5 129.6 240.8#

63 2101.5 83.7 155.5#



#16

Methylene chloride

Concen: 0.622 ug/L

RT: 3.041 min Scan# 529

Delta R.T. -0.000 min

Lab File: VU052982.D

Acq: 06 Feb 2023 15:56

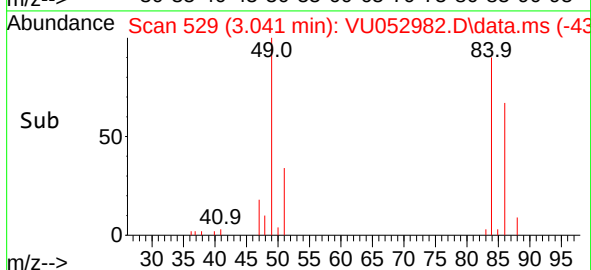
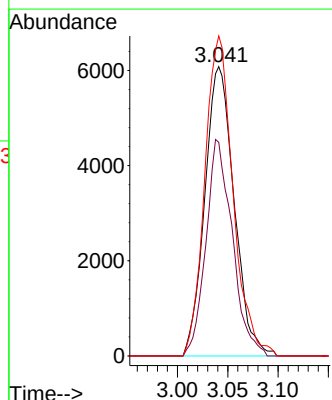
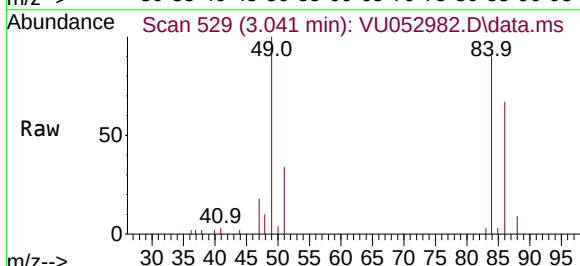
Tgt Ion: 84 Resp: 12340

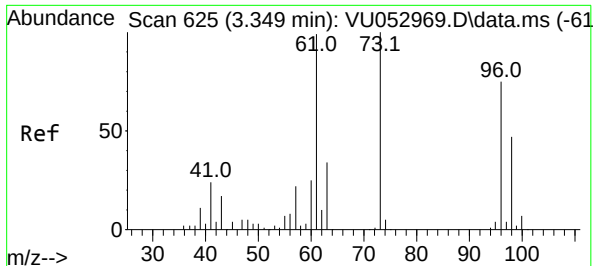
Ion Ratio Lower Upper

84 100

86 73.8 45.6 84.6

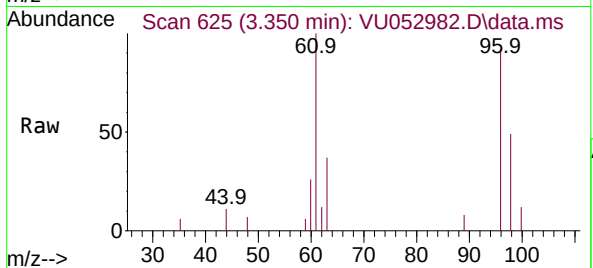
49 110.6 94.8 176.0



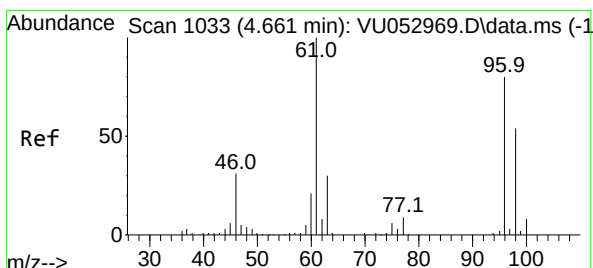
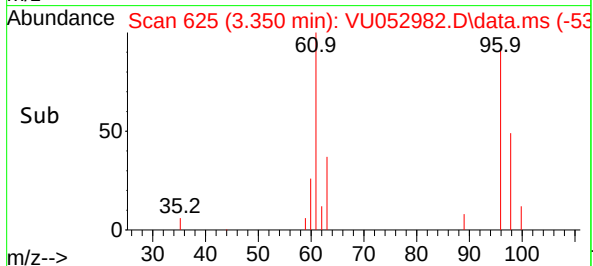
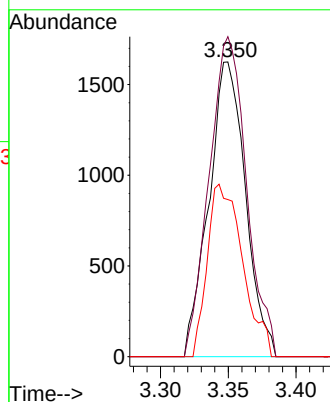


#18
trans-1,2-Dichloroethene
Concen: 0.201 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052982.D
Acq: 06 Feb 2023 15:56

Instrument :
MSVOA_U
ClientSampleId :
COM10

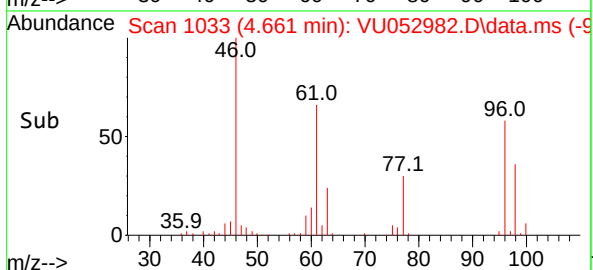
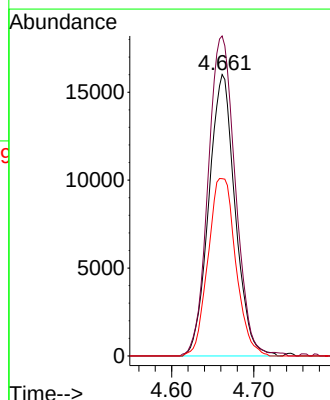
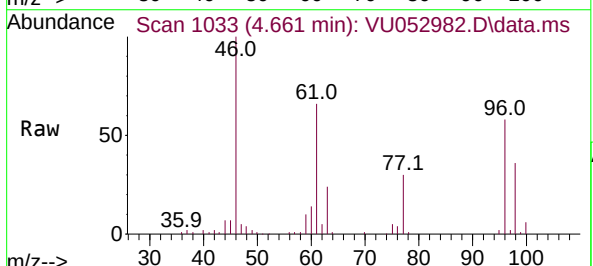


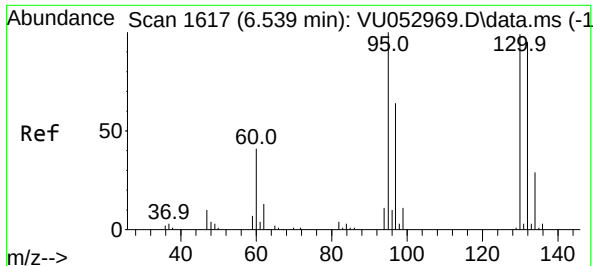
Tgt Ion: 96 Resp: 3058
Ion Ratio Lower Upper
96 100
61 108.6 108.4 201.4
98 53.3 43.8 81.4



#22
cis-1,2-Dichloroethene
Concen: 2.185 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052982.D
Acq: 06 Feb 2023 15:56

Tgt Ion: 96 Resp: 35653
Ion Ratio Lower Upper
96 100
61 113.7 94.6 175.8
98 63.0 43.3 80.3

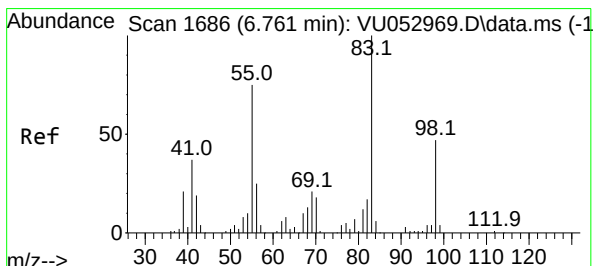
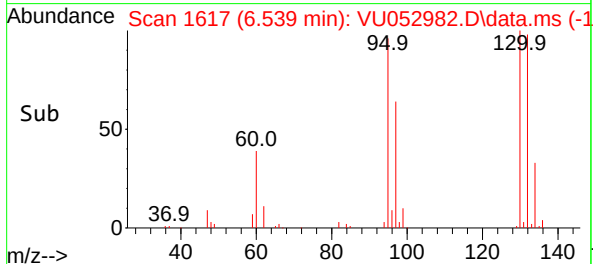
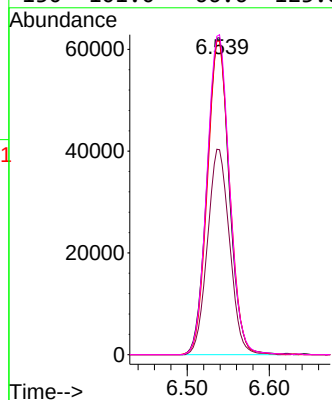
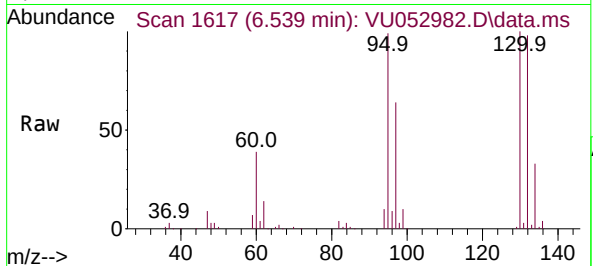




#34
Trichloroethene
Concen: 7.555 ug/L
RT: 6.539 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052982.D
Acq: 06 Feb 2023 15:56

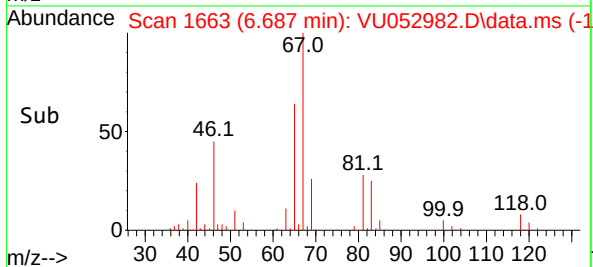
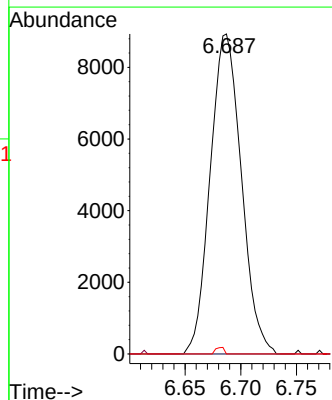
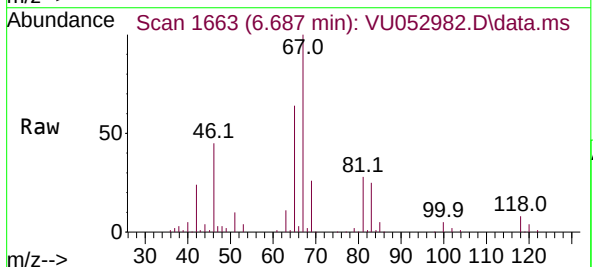
Instrument :
MSVOA_U
ClientSampleId :
COM10

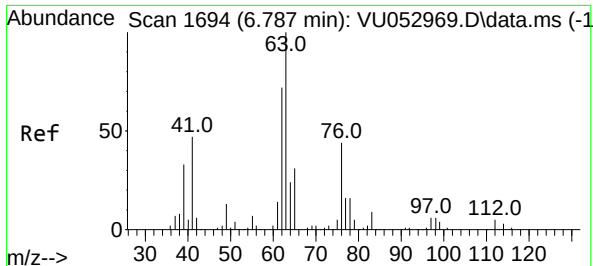
Tgt Ion: 95 Resp: 117343
Ion Ratio Lower Upper
95 100
97 64.7 46.0 85.4
132 98.9 64.0 118.8
130 101.0 66.6 123.8



#35
Methylcyclohexane
Concen: 0.677 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU052982.D
Acq: 06 Feb 2023 15:56

Tgt Ion: 83 Resp: 17370
Ion Ratio Lower Upper
83 100
55 0.1 67.6 101.4#
98 0.6 37.1 55.7#





#37

1,2-Dichloropropane

Concen: 0.416 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052982.D

Acq: 06 Feb 2023 15:56

Instrument :

MSVOA_U

ClientSampleId :

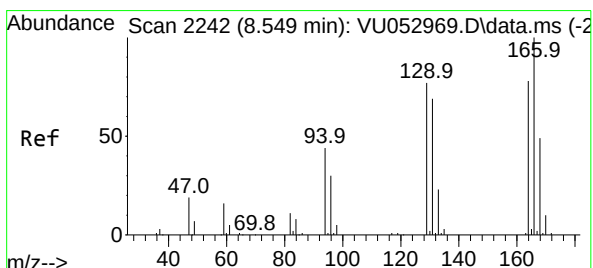
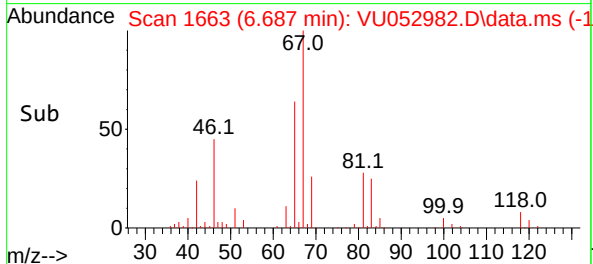
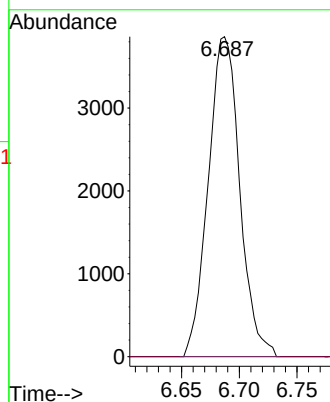
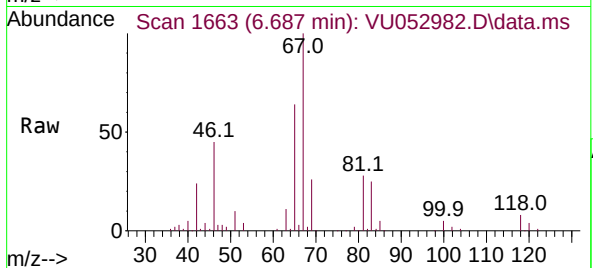
COM10

Tgt Ion: 63 Resp: 7333

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#47

Tetrachloroethene

Concen: 0.217 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VU052982.D

Acq: 06 Feb 2023 15:56

Tgt Ion: 164 Resp: 2487

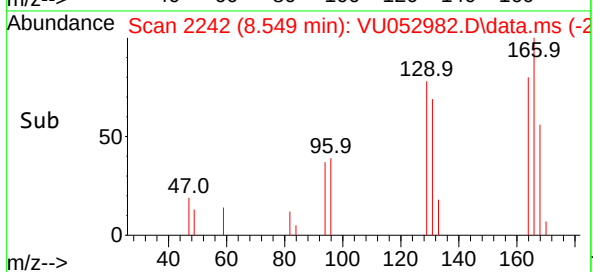
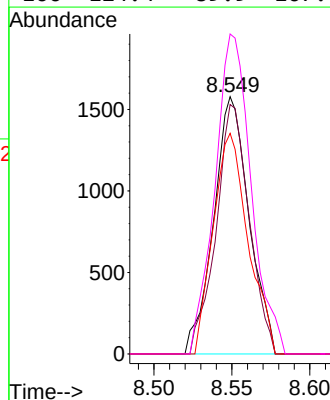
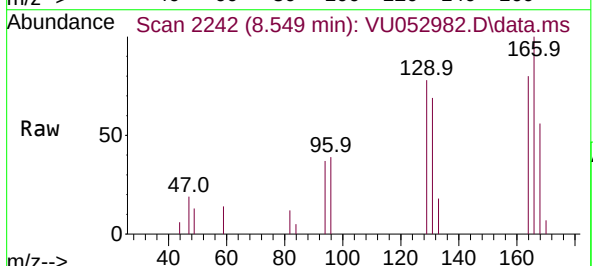
Ion Ratio Lower Upper

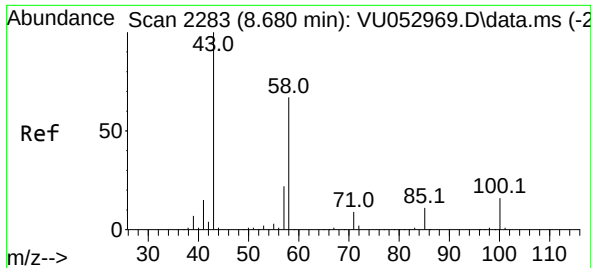
164 100

129 97.0 71.8 133.4

131 85.7 66.6 123.6

166 124.4 89.9 167.0

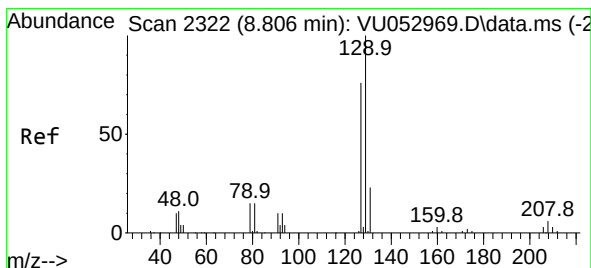
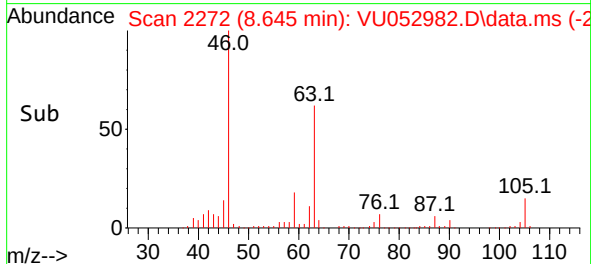
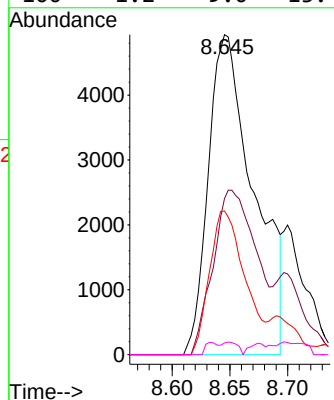
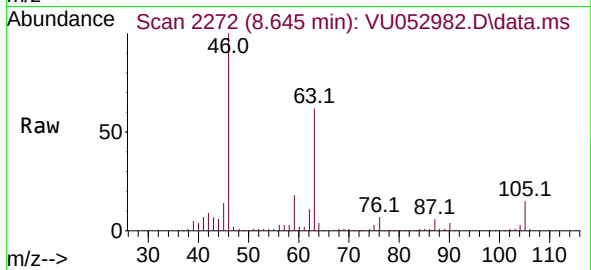




#48
2-Hexanone
Concen: 1.824 ug/L
RT: 8.645 min Scan# 211
Delta R.T. -0.035 min
Lab File: VU052982.D
Acq: 06 Feb 2023 15:56

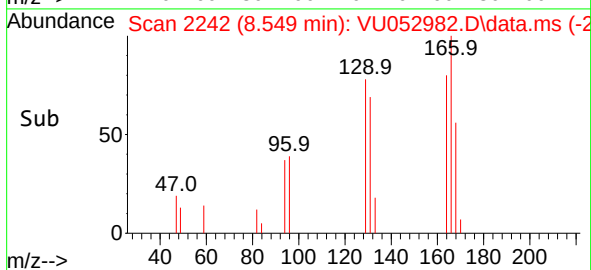
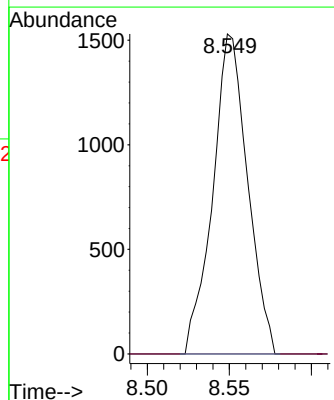
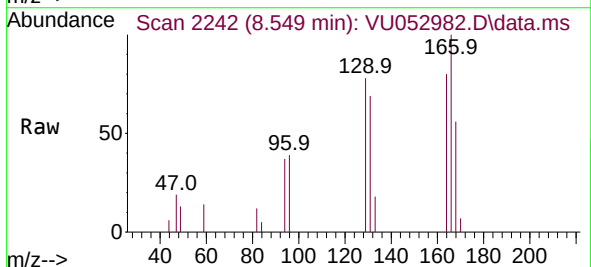
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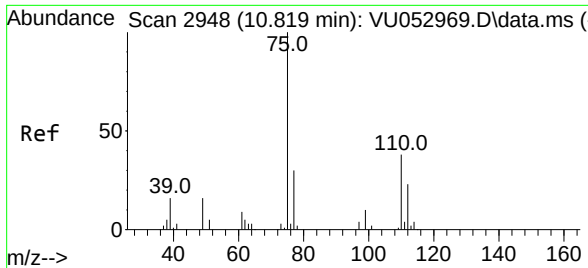
Tgt Ion: 43	Resp: 13459
Ion Ratio	Lower Upper
43	100
58	48.5 45.1 67.7
57	35.1 15.1 22.7#
100	1.2 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.176 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU052982.D
Acq: 06 Feb 2023 15:56

Tgt Ion: 129	Resp: 2258
Ion Ratio	Lower Upper
129	100
127	0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 0.934 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052982.D
 Acq: 06 Feb 2023 15:56

Instrument :
 MSVOA_U
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Tgt Ion:	75	Resp:	8216
Ion	Ratio	Lower	Upper
75	100		
110	1.8	27.2	40.8#
77	30.0	24.0	36.0

