

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061522\
 Data File : VU049168.D
 Acq On : 15 Jun 2022 14:24
 Operator : SY/MD
 Sample : N3256-08 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH2DL

Quant Time: Jun 16 04:48:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:45:30 2022
 Response via : Initial Calibration

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

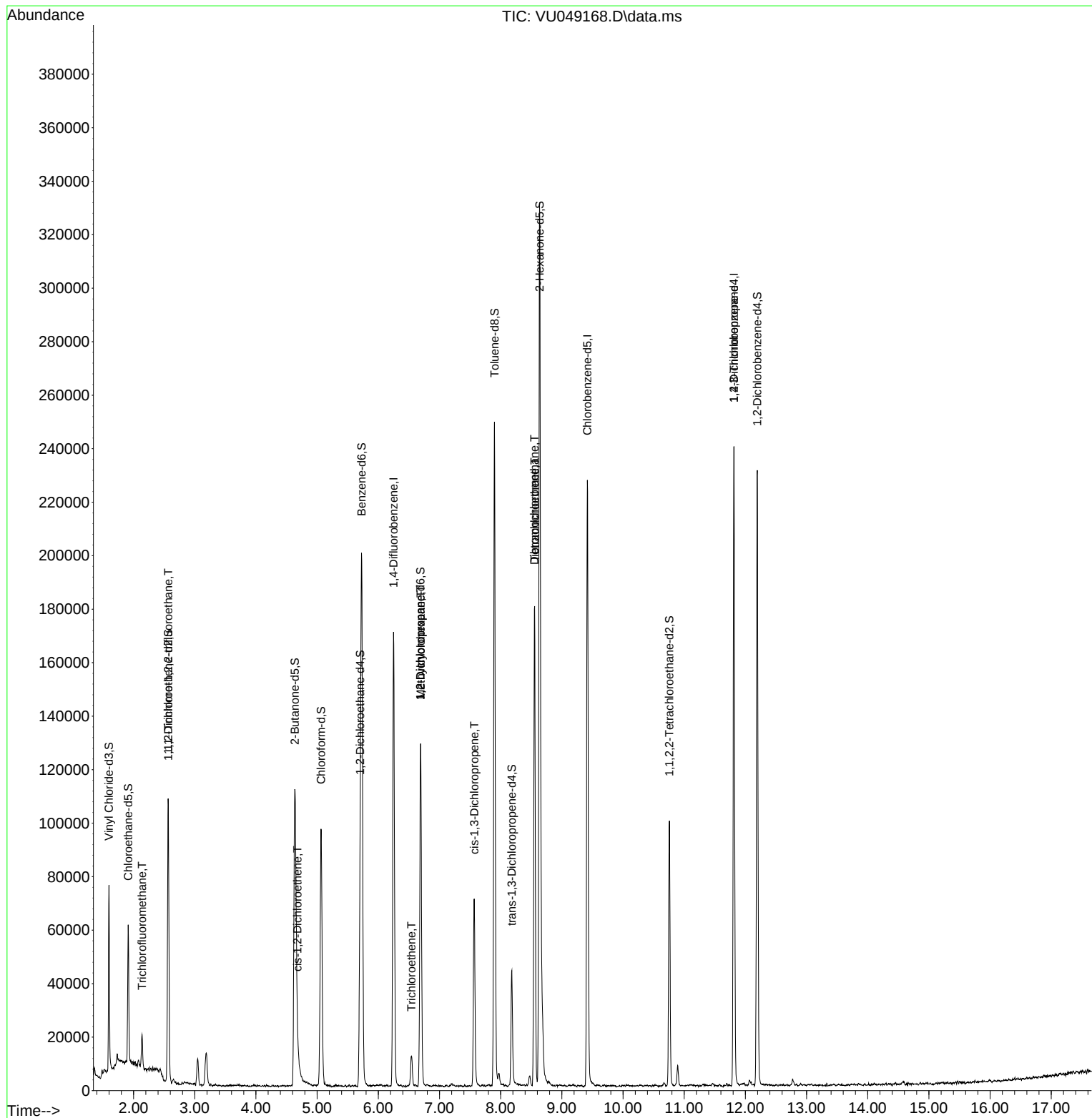
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	134187	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	123273	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	60629	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48993	4.178	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.913	69	35407	4.460	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.200%	
11) 1,1-Dichloroethene-d2	2.565	65	19815	4.202	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.000%	
20) 2-Butanone-d5	4.636	46	172735	55.175	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.360%	
24) Chloroform-d	5.064	84	88654	4.819	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	5.703	65	50976	5.052	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.000%	
32) Benzene-d6	5.729	84	181393	4.884	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	6.690	67	62414	4.952	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.899	98	159576	4.772	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
43) trans-1,3-Dichloroprop...	8.182	79	24606	4.394	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.636	63	115389	51.084	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.160%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	50432	4.997	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	58472	5.026	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.138	101	7474	0.571	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	547	0.071	ug/L #	21
22) cis-1,2-Dichloroethene	4.678	96	476	0.051	ug/L	86
34) Trichloroethene	6.543	95	3989	0.425	ug/L	94
35) Methylcyclohexane	6.694	83	13954	0.887	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	6668	0.662	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1787	0.117	ug/L #	58
47) Tetrachloroethene	8.555	164	37986	5.875	ug/L	99
49) Dibromochloromethane	8.552	129	38818	4.842	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	8101	1.191	ug/L #	67

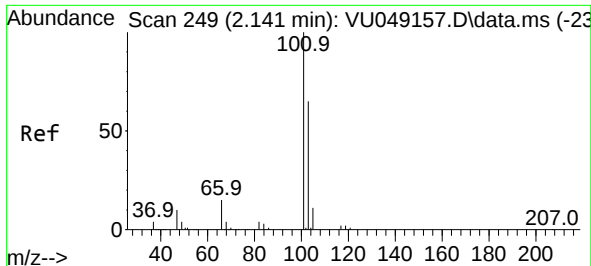
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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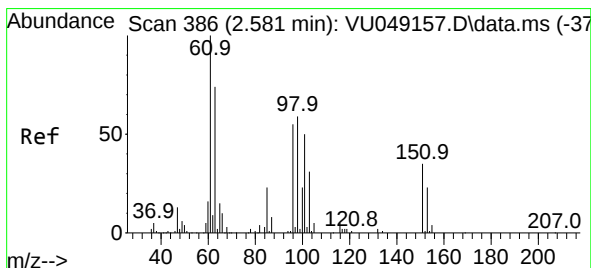
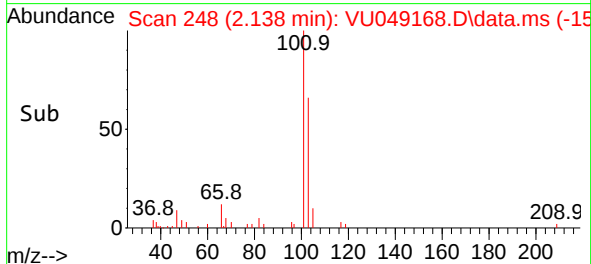
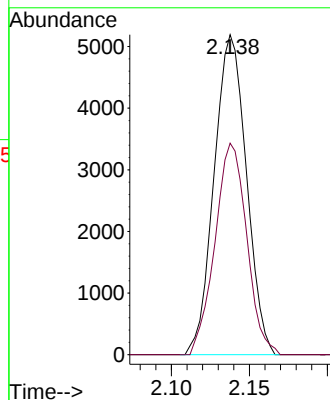
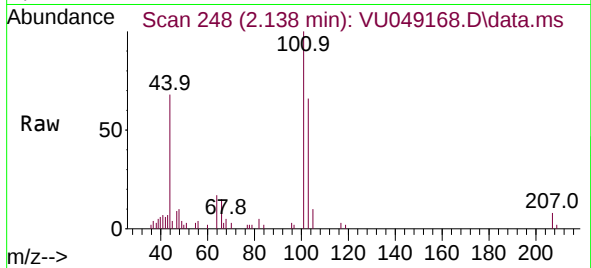




#9
Trichlorofluoromethane
Concen: 0.571 ug/L
RT: 2.138 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU049168.D
Acq: 15 Jun 2022 14:24

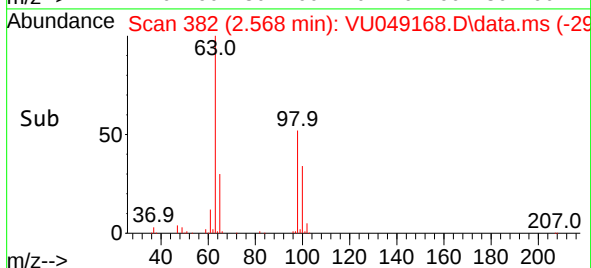
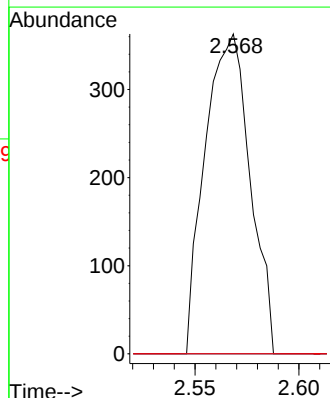
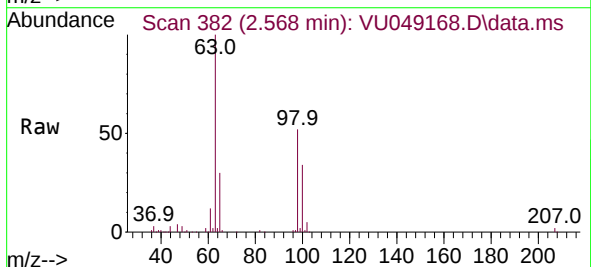
Instrument :
MSVOA_U
ClientSampleId :
C0AH2DL

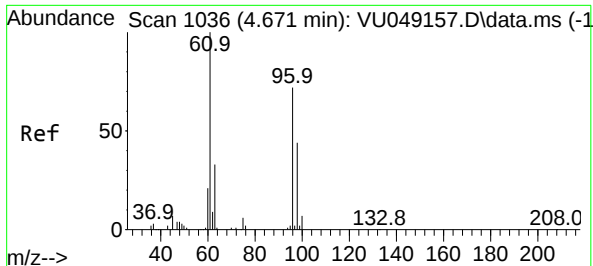
Tgt Ion:101 Resp: 7474
Ion Ratio Lower Upper
101 100
103 65.0 53.5 80.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU049168.D
Acq: 15 Jun 2022 14:24

Tgt Ion:101 Resp: 547
Ion Ratio Lower Upper
101 100
85 0.0 36.1 54.1#
151 0.0 56.8 85.2#

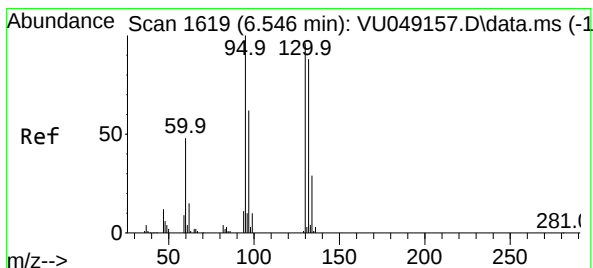
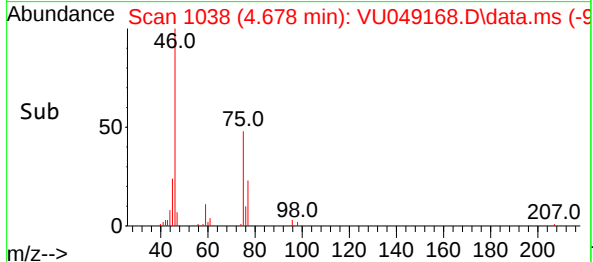
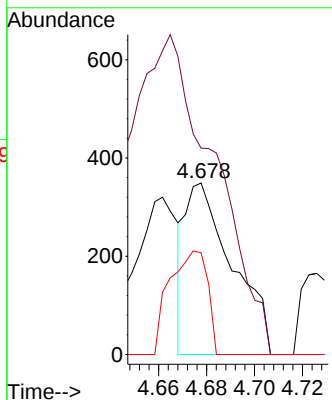
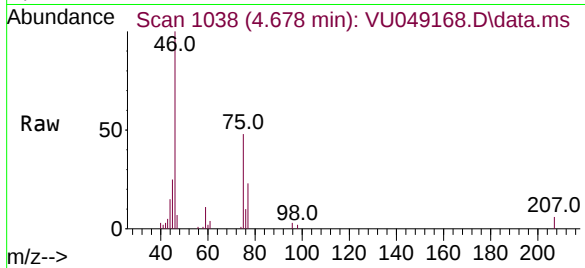




#22
 cis-1,2-Dichloroethene
 Concen: 0.051 ug/L
 RT: 4.678 min Scan# 1036
 Delta R.T. 0.007 min
 Lab File: VU049168.D
 Acq: 15 Jun 2022 14:24

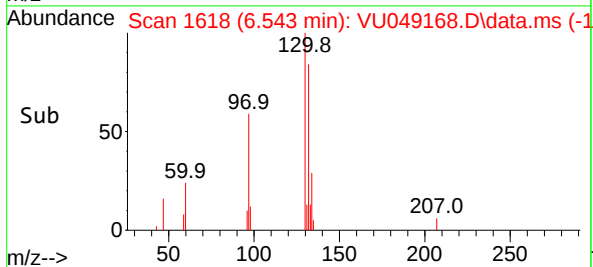
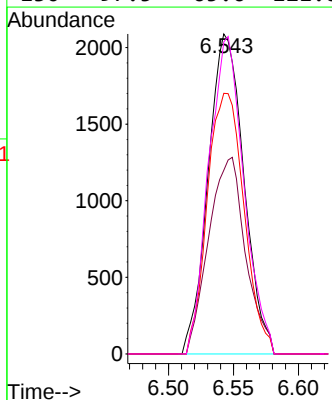
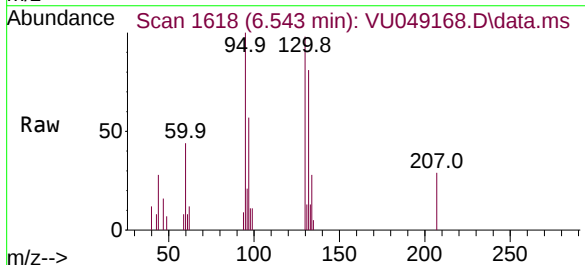
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH2DL

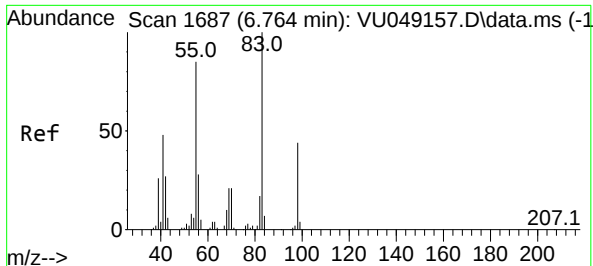
Tgt Ion: 96 Resp: 476
 Ion Ratio Lower Upper
 96 100
 61 120.3 99.5 184.9
 98 59.3 44.8 83.2



#34
 Trichloroethene
 Concen: 0.425 ug/L
 RT: 6.543 min Scan# 1618
 Delta R.T. -0.003 min
 Lab File: VU049168.D
 Acq: 15 Jun 2022 14:24

Tgt Ion: 95 Resp: 3989
 Ion Ratio Lower Upper
 95 100
 97 57.4 45.3 84.1
 132 81.4 61.5 114.3
 130 97.5 65.6 121.8

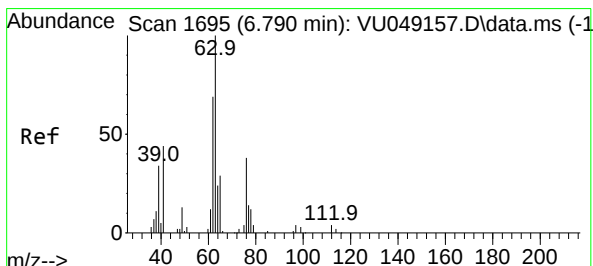
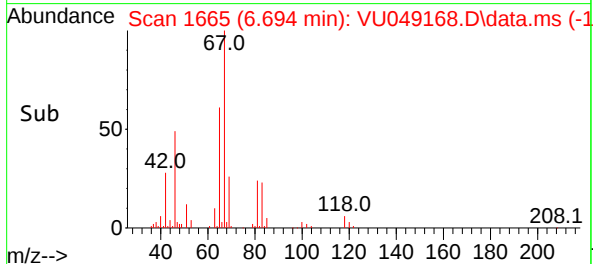
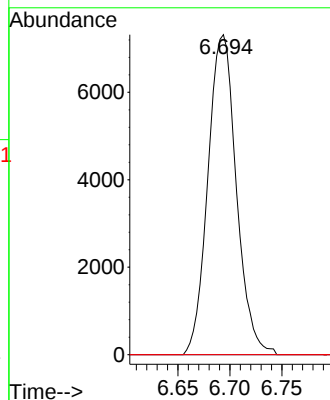
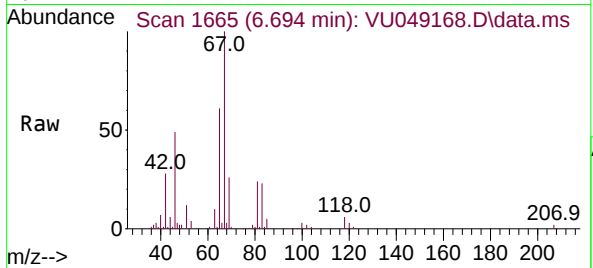




#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049168.D
Acq: 15 Jun 2022 14:24

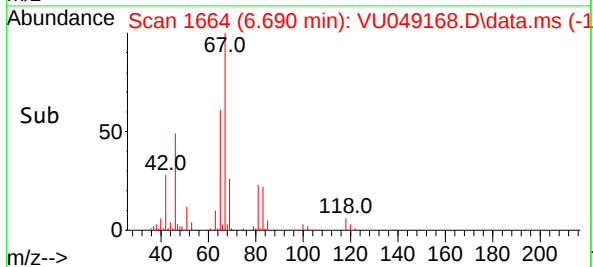
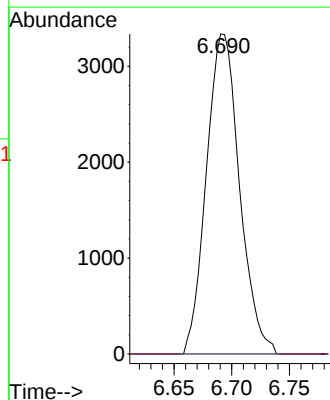
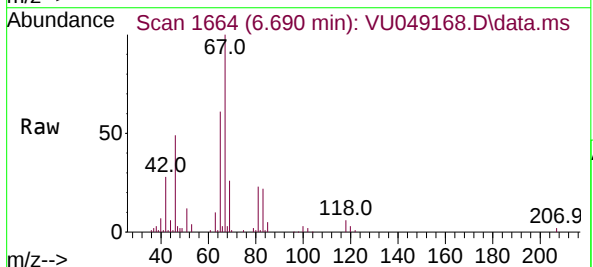
Instrument :
MSVOA_U
ClientSampleId :
C0AH2DL

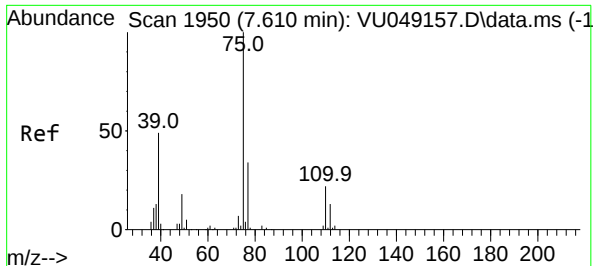
Tgt Ion: 83 Resp: 13954
Ion Ratio Lower Upper
83 100
55 0.3 66.9 100.3#
98 0.2 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.099 min
Lab File: VU049168.D
Acq: 15 Jun 2022 14:24

Tgt Ion: 63 Resp: 6668
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU049168.D

Acq: 15 Jun 2022 14:24

Instrument :

MSVOA_U

ClientSampleId :

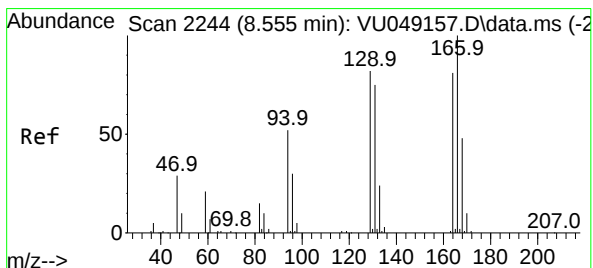
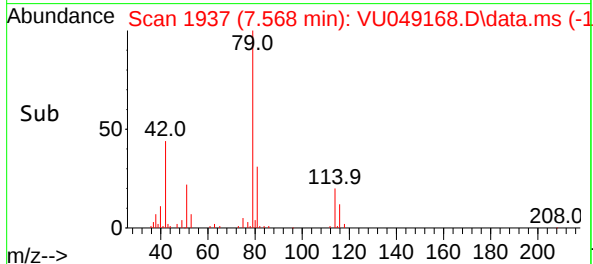
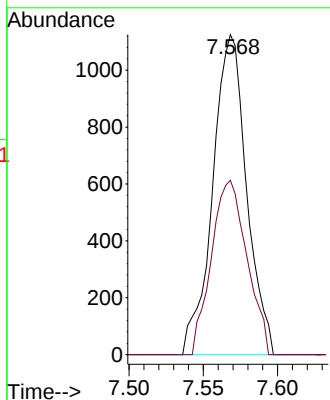
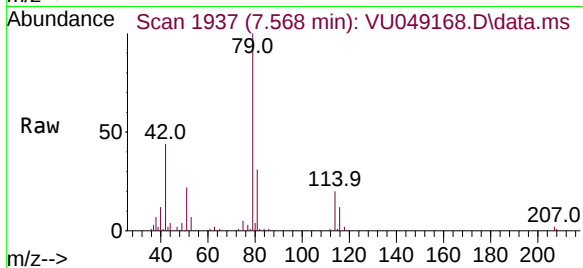
C0AH2DL

Tgt Ion: 75 Resp: 1787

Ion Ratio Lower Upper

75 100

77 54.5 21.8 40.4#



#47

Tetrachloroethene

Concen: 5.875 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU049168.D

Acq: 15 Jun 2022 14:24

Tgt Ion:164 Resp: 37986

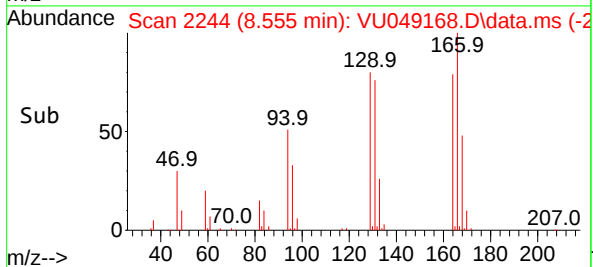
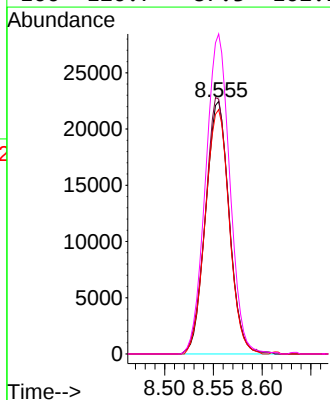
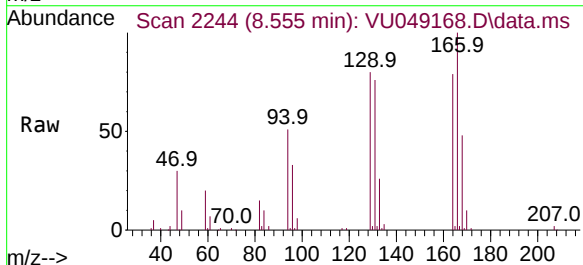
Ion Ratio Lower Upper

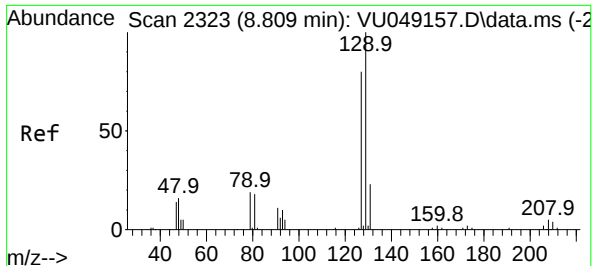
164 100

129 100.9 69.8 129.6

131 96.7 67.8 125.8

166 126.7 87.3 162.1

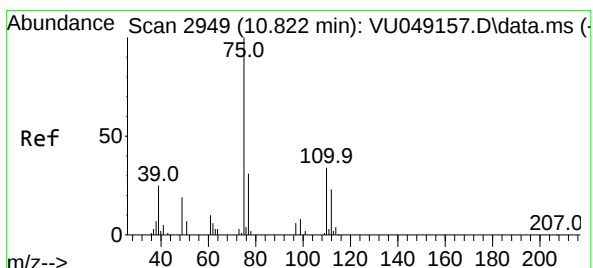
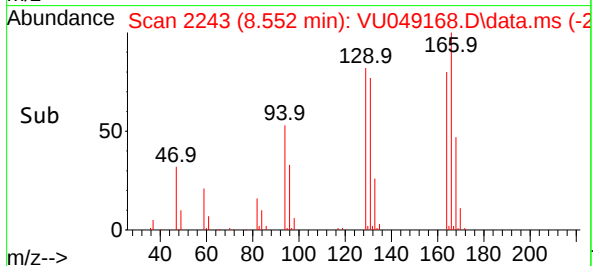
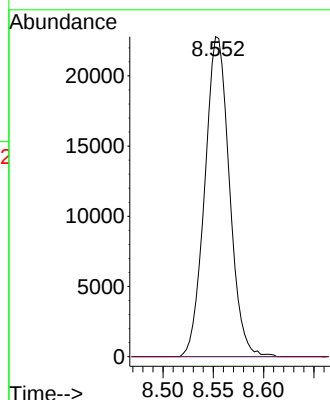
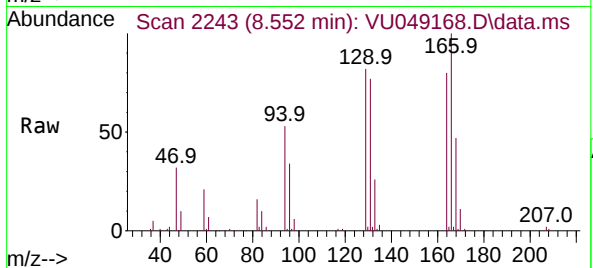




#49
Dibromochloromethane
Concen: 4.842 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.257 min
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C0AH2DL

Tgt Ion:129 Resp: 38818
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#



#61
1,2,3-Trichloropropane
Concen: 1.191 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049168.D
Acq: 15 Jun 2022 14:24

Tgt Ion: 75 Resp: 8101
Ion Ratio Lower Upper
75 100
110 1.7 29.0 43.4#
77 34.7 26.2 39.2

