

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052092.D
 Acq On : 23 Nov 2022 16:35
 Operator : JC/MD
 Sample : N5684-02DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 04:14:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:13:15 2022
 Response via : Initial Calibration

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

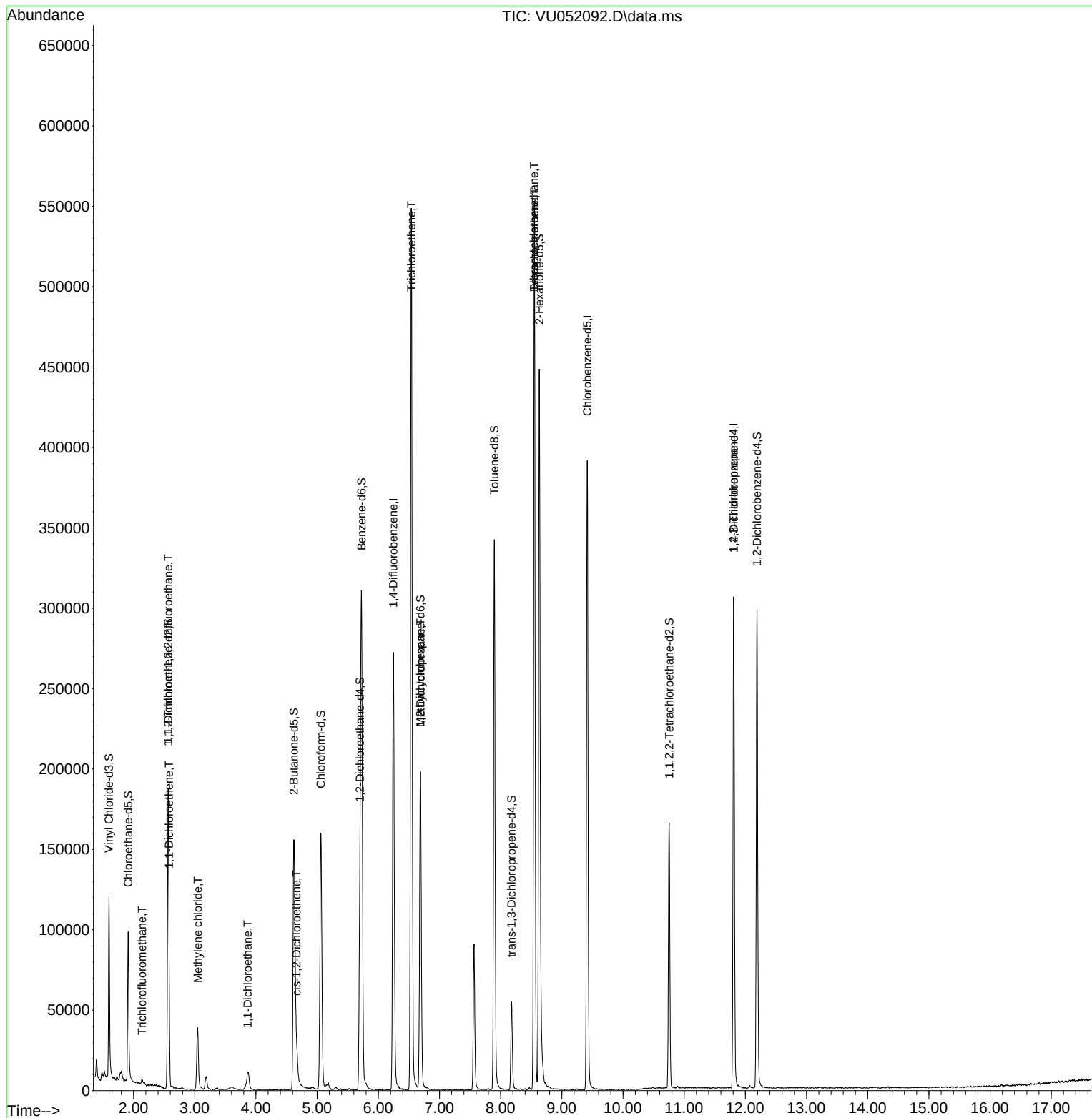
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227988	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	231872	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	86265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86613	3.906	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.200%	
7) Chloroethane-d5	1.912	69	75492	4.383	ug/L	0.02
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.565	65	33805	4.253	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.000%	
20) 2-Butanone-d5	4.620	46	200302	49.829	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.660%	
24) Chloroform-d	5.060	84	154945	4.755	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	5.700	65	79792	4.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
32) Benzene-d6	5.726	84	310984	4.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.687	67	102092	4.792	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.896	98	237533	3.814	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.200%	
43) trans-1,3-Dichloroprop...	8.179	79	32811	4.226	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.600%	
46) 2-Hexanone-d5	8.632	63	156154	47.463	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.920%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	86048	4.659	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	83166	5.035	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.138	101	1726	0.063	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1557	0.093	ug/L #	50
12) 1,1-Dichloroethene	2.578	96	5848	0.354	ug/L #	1
16) Methylene chloride	3.047	84	20672	0.924	ug/L	99
19) 1,1-Dichloroethane	3.864	63	8082	0.253	ug/L	92
22) cis-1,2-Dichloroethene	4.665	96	6861	0.369	ug/L	98
34) Trichloroethene	6.539	95	194885	10.354	ug/L	99
35) Methylcyclohexane	6.687	83	22946	0.847	ug/L #	19
47) Tetrachloroethene	8.552	164	123278	8.546	ug/L	97
49) Dibromochloromethane	8.549	129	119750	7.282	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10038	1.017	ug/L #	69

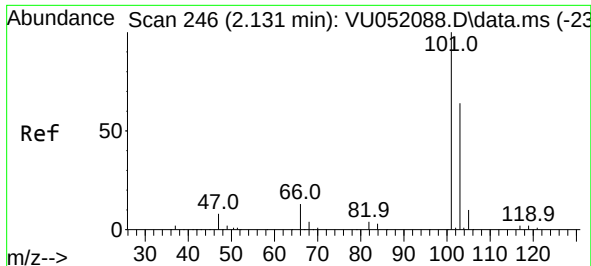
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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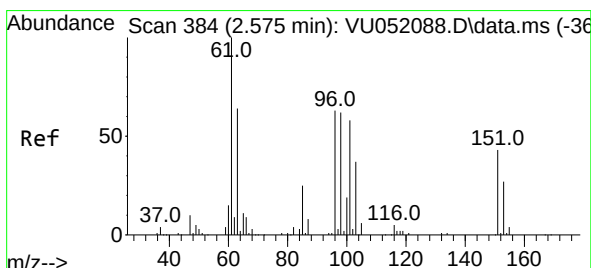
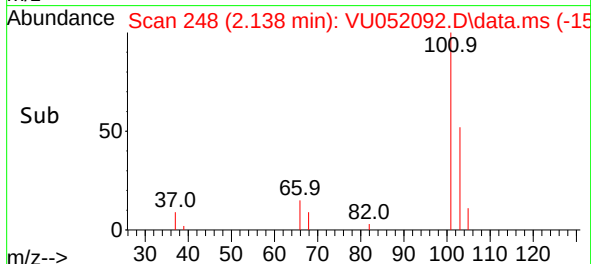
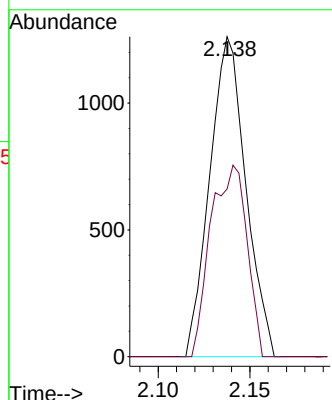
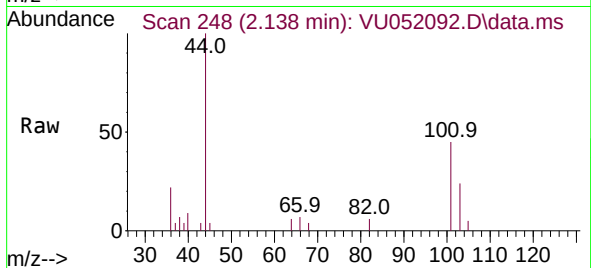




#9
Trichlorofluoromethane
Concen: 0.063 ug/L
RT: 2.138 min Scan# 246
Delta R.T. 0.006 min
Lab File: VU052092.D
Acq: 23 Nov 2022 16:35

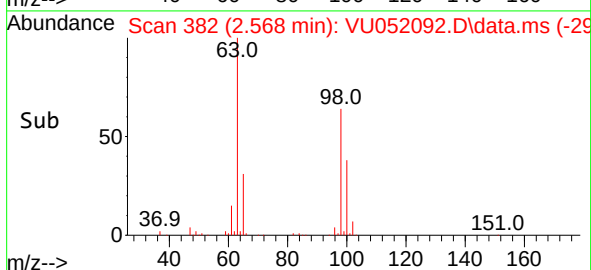
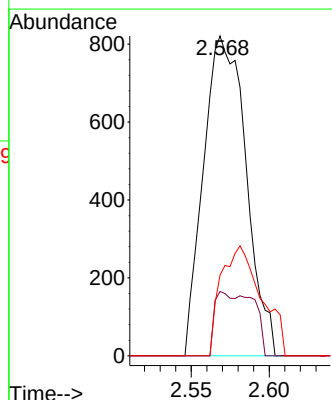
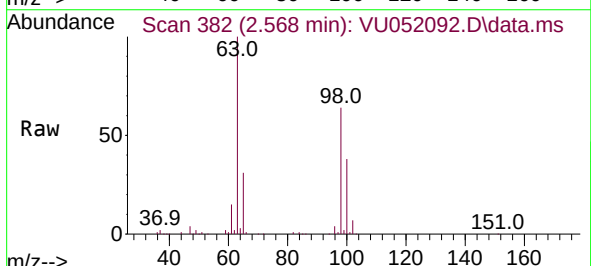
Instrument :
MSVOA_U
ClientSampleId :

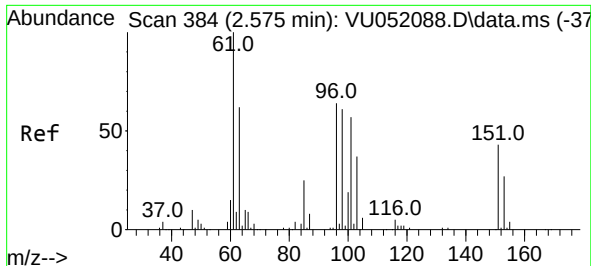
Tgt Ion:101 Resp: 1726
Ion Ratio Lower Upper
101 100
103 60.1 51.6 77.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.093 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.006 min
Lab File: VU052092.D
Acq: 23 Nov 2022 16:35

Tgt Ion:101 Resp: 1557
Ion Ratio Lower Upper
101 100
85 9.4 33.8 50.6#
151 32.6 58.6 88.0#





#12

1,1-Dichloroethene

Concen: 0.354 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU052092.D

Acq: 23 Nov 2022 16:35

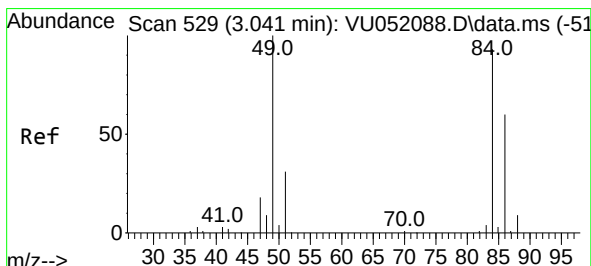
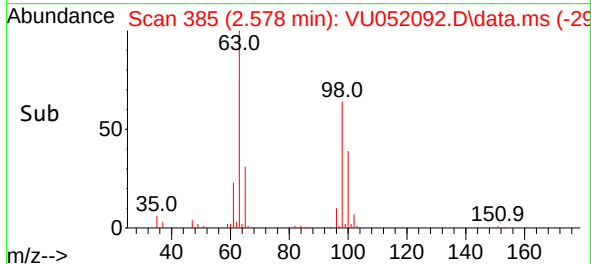
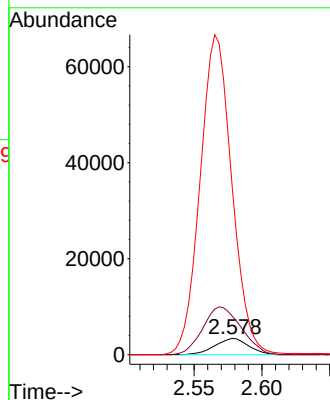
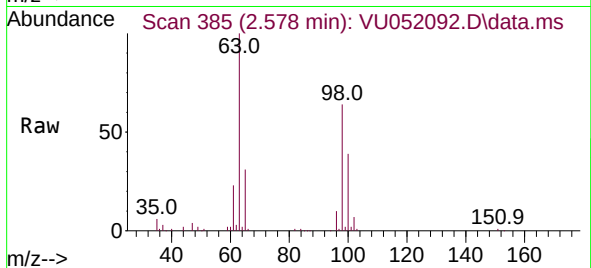
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 5848

Ion	Ratio	Lower	Upper
96	100		
61	236.3	114.8	213.2#
63	1030.8	93.7	174.1#



#16

Methylene chloride

Concen: 0.924 ug/L

RT: 3.047 min Scan# 531

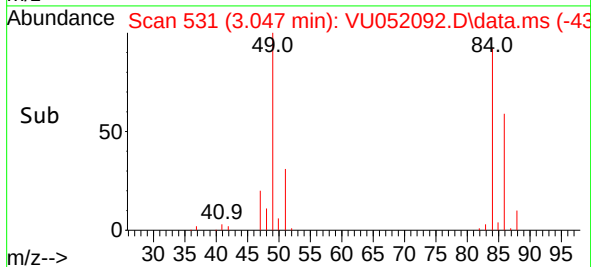
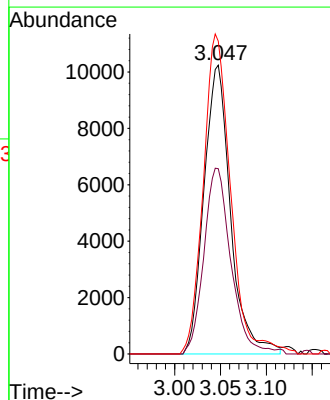
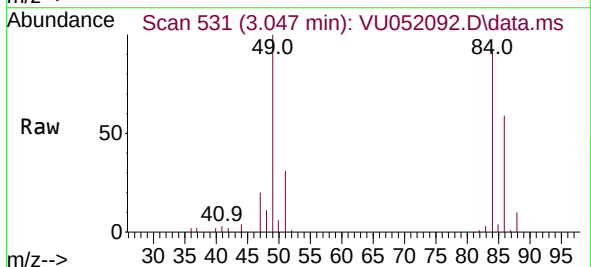
Delta R.T. 0.006 min

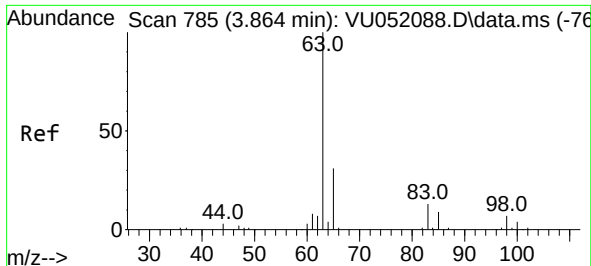
Lab File: VU052092.D

Acq: 23 Nov 2022 16:35

Tgt Ion: 84 Resp: 20672

Ion	Ratio	Lower	Upper
84	100		
86	64.1	43.8	81.4
49	108.3	75.9	141.1





#19

1,1-Dichloroethane

Concen: 0.253 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU052092.D

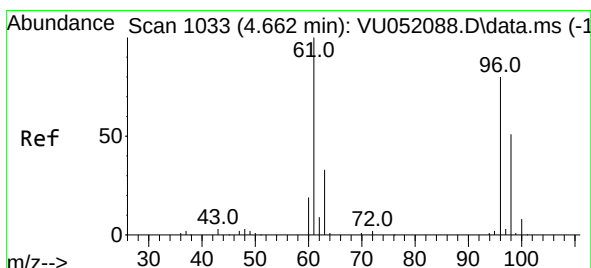
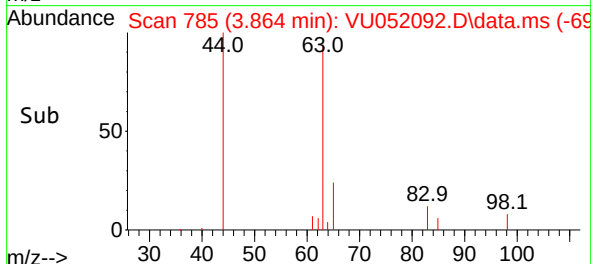
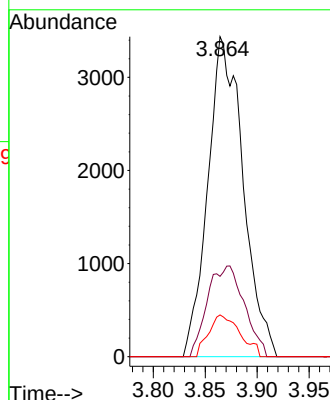
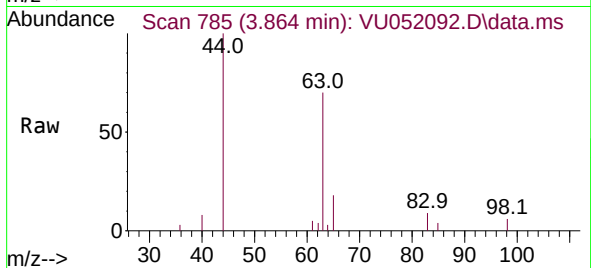
Acq: 23 Nov 2022 16:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 8082		
Ion Ratio	Lower	Upper	
63	100		
65	25.1	22.2	41.2
83	13.1	9.2	17.0



#22

cis-1,2-Dichloroethene

Concen: 0.369 ug/L

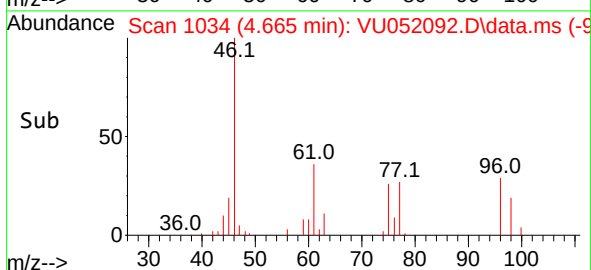
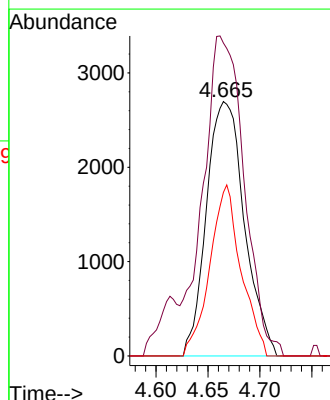
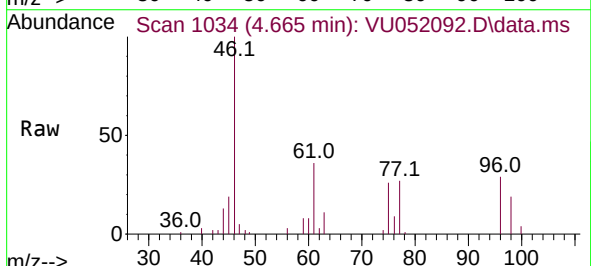
RT: 4.665 min Scan# 1034

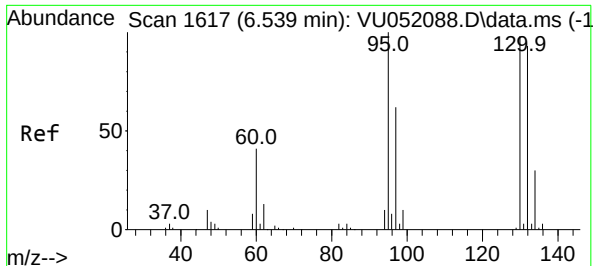
Delta R.T. 0.003 min

Lab File: VU052092.D

Acq: 23 Nov 2022 16:35

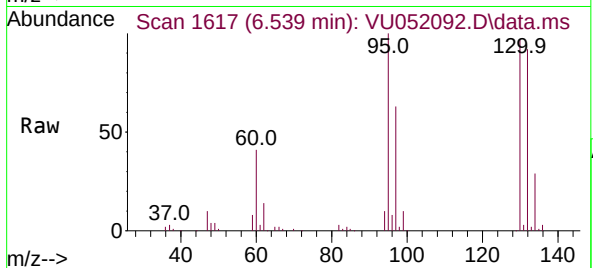
Tgt Ion: 96	Resp: 6861
Ion Ratio	Lower Upper
96 100	
61 123.1	85.1 158.1
98 64.3	42.8 79.6





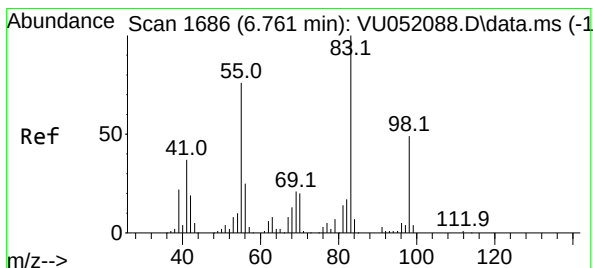
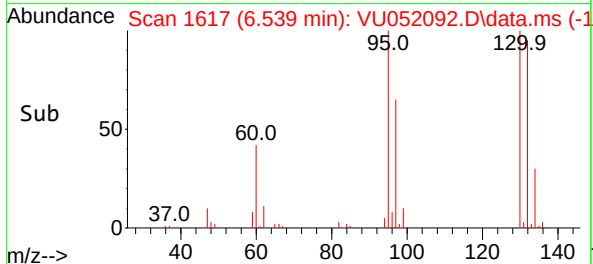
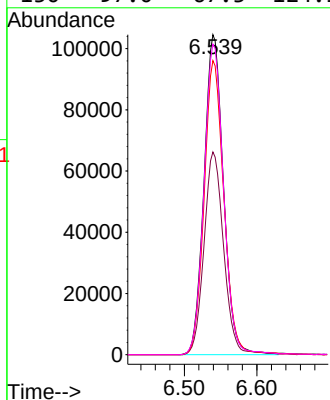
#34
Trichloroethene
Concen: 10.354 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052092.D
Acq: 23 Nov 2022 16:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 194885

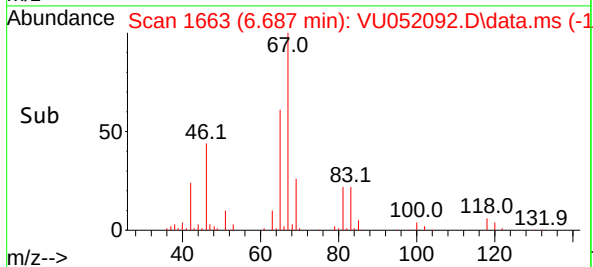
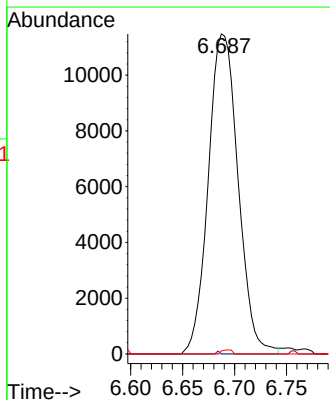
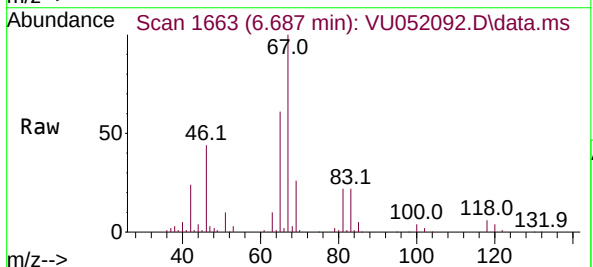
Ion	Ratio	Lower	Upper
95	100		
97	63.3	43.7	81.1
132	91.9	64.3	119.3
130	97.0	67.3	124.9

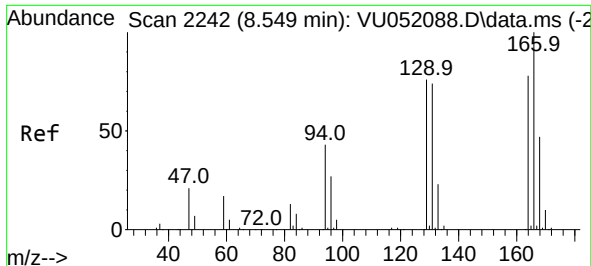


#35
Methylcyclohexane
Concen: 0.847 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052092.D
Acq: 23 Nov 2022 16:35

Tgt Ion: 83 Resp: 22946

Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.8	91.2#
98	0.0	35.1	52.7#

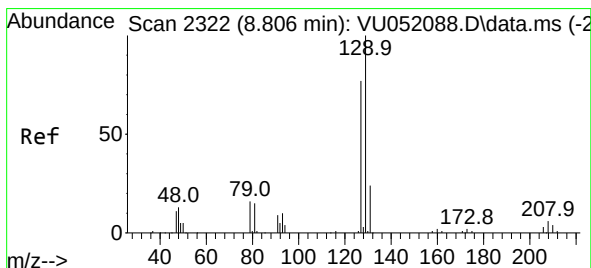
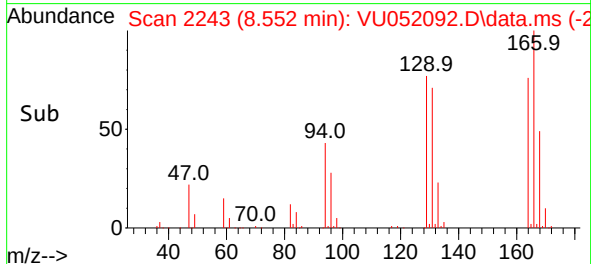
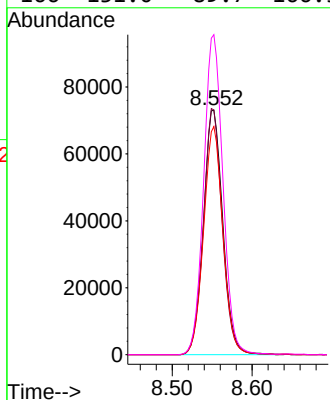
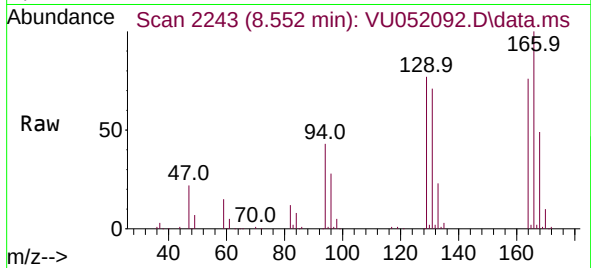




#47
Tetrachloroethene
Concen: 8.546 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052092.D
Acq: 23 Nov 2022 16:35

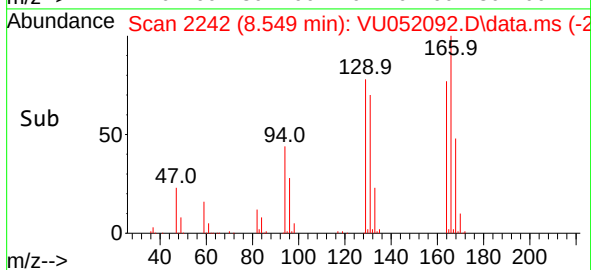
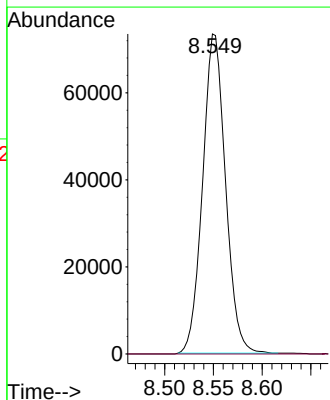
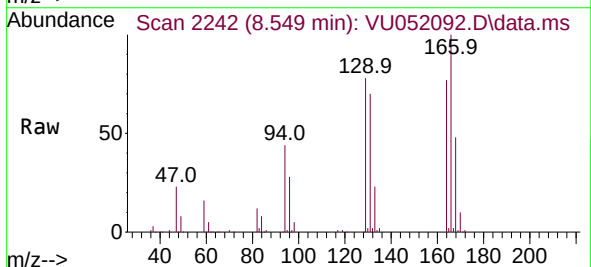
Instrument :
MSVOA_U
ClientSampleId :

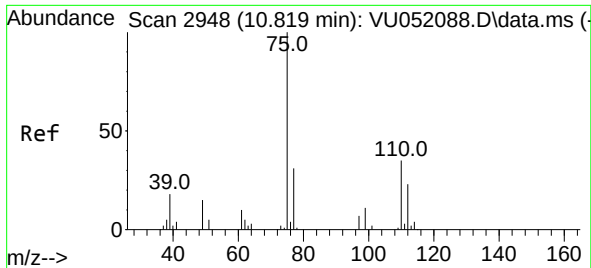
Tgt Ion:164 Resp: 123278
Ion Ratio Lower Upper
164 100
129 100.2 67.4 125.2
131 93.4 67.1 124.7
166 131.0 89.7 166.5



#49
Dibromochloromethane
Concen: 7.282 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU052092.D
Acq: 23 Nov 2022 16:35

Tgt Ion:129 Resp: 119750
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#





#61

1,2,3-Trichloropropane

Concen: 1.017 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.990 min

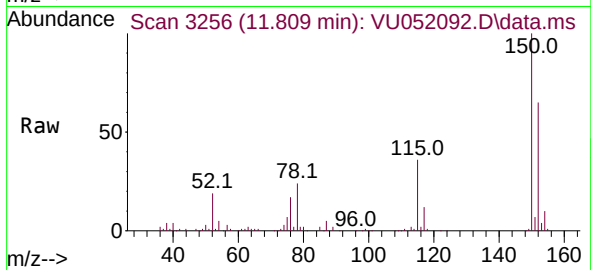
Lab File: VU052092.D

Acq: 23 Nov 2022 16:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 10038

Ion Ratio Lower Upper

75 100

110 2.7 28.3 42.5#

77 30.6 26.2 39.2

