

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052073.D
 Acq On : 23 Nov 2022 06:40
 Operator : JC/MD
 Sample : N5693-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 08:26:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

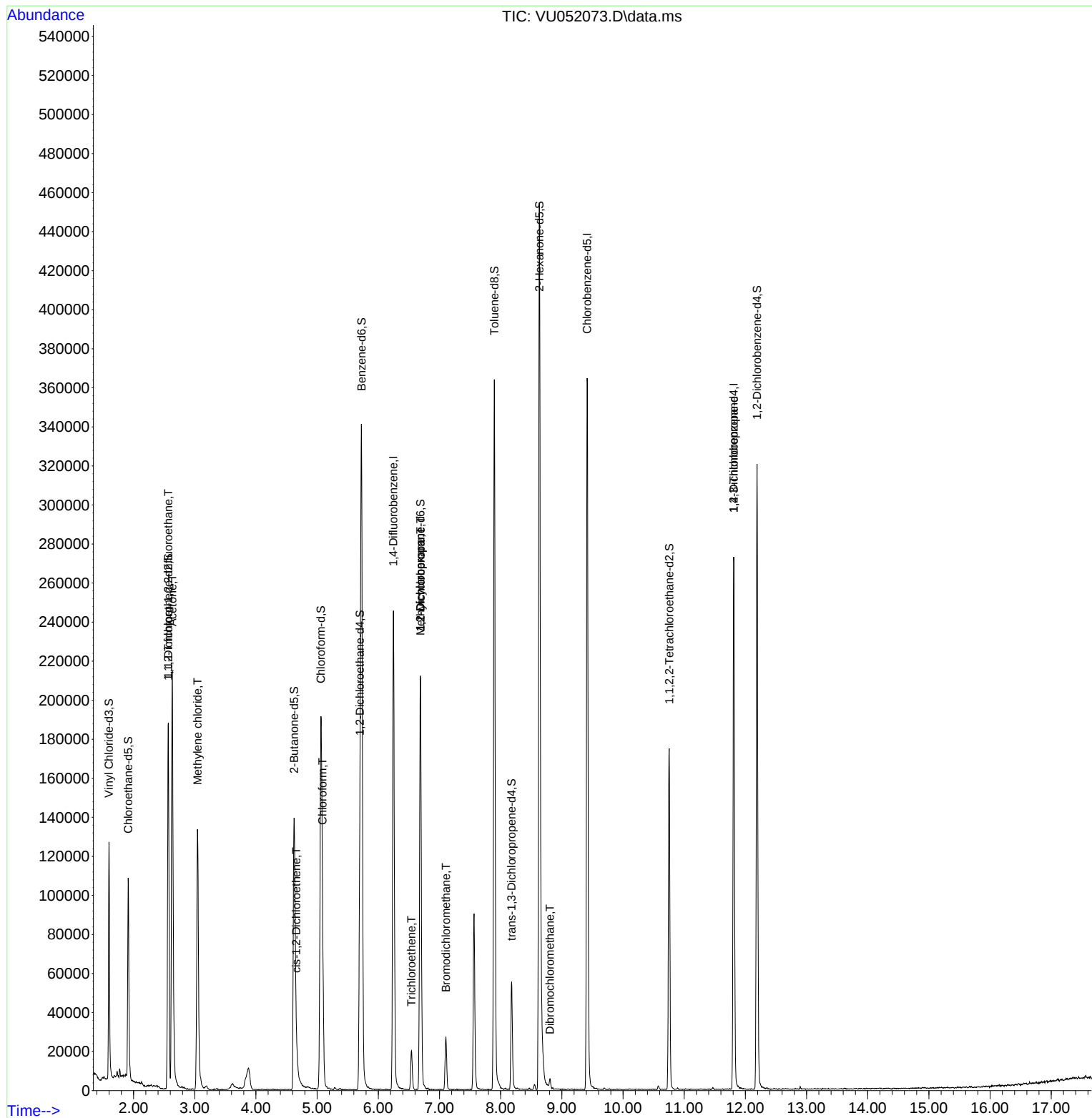
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	200929	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	214597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	76963	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	93784	4.798	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.912	69	80738	5.319	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.400%	
11) 1,1-Dichloroethene-d2	2.568	65	35046	5.002	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.000%	
20) 2-Butanone-d5	4.623	46	213344	60.221	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	120.440%	
24) Chloroform-d	5.060	84	166122	5.785	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	115.600%	
26) 1,2-Dichloroethane-d4	5.700	65	84865	5.851	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	117.000%	
32) Benzene-d6	5.726	84	332143	5.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
36) 1,2-Dichloropropane-d6	6.687	67	108957	5.526	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.600%	
41) Toluene-d8	7.896	98	254286	4.411	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.200%	
43) trans-1,3-Dichloroprop...	8.176	79	32868	4.575	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.400%	
46) 2-Hexanone-d5	8.632	63	154908	50.875	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.740%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	92046	5.384	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	88130	5.981	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	119.600%	
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1167	0.079	ug/L #	20
13) Acetone	2.633	43	259436	107.843	ug/L	99
16) Methylene chloride	3.044	84	72844	3.694	ug/L	97
22) cis-1,2-Dichloroethene	4.658	96	824	0.050	ug/L	76
25) Chloroform	5.086	83	62161	2.178	ug/L	98
34) Trichloroethene	6.543	95	7118	0.409	ug/L	85
35) Methylcyclohexane	6.690	83	24580	0.981	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10648	0.589	ug/L #	88
38) Bromodichloromethane	7.105	83	18999	0.862	ug/L	94
49) Dibromochloromethane	8.806	129	2115	0.139	ug/L	94
61) 1,2,3-Trichloropropane	11.809	75	8791	0.998	ug/L #	70

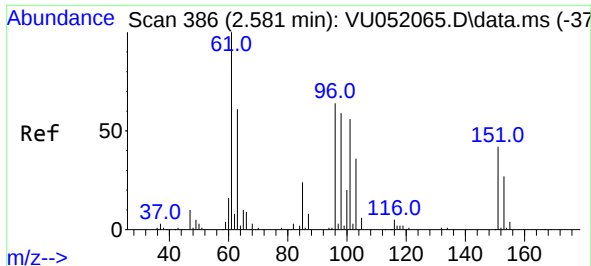
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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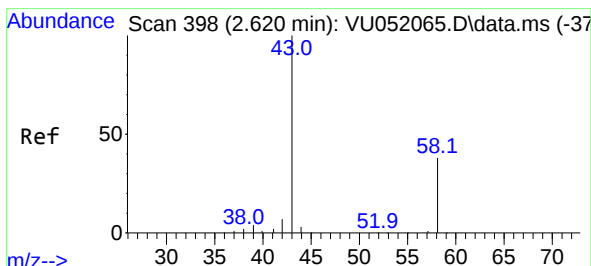
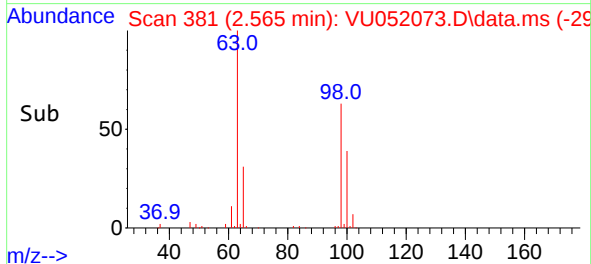
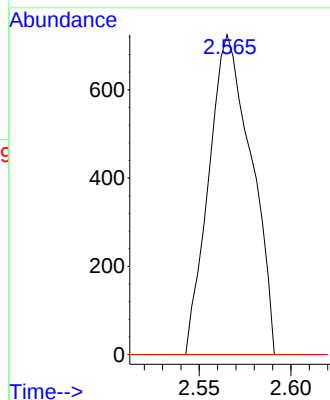
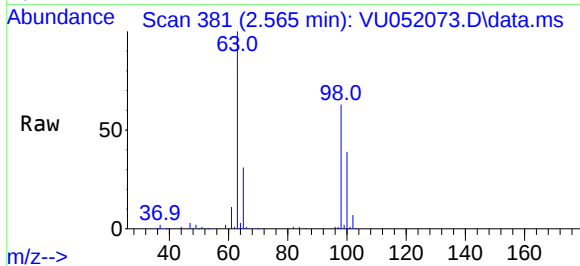




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.079 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU052073.D
Acq: 23 Nov 2022 06:40

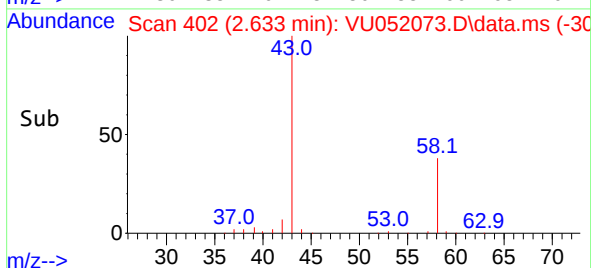
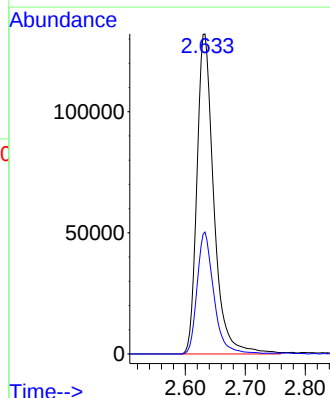
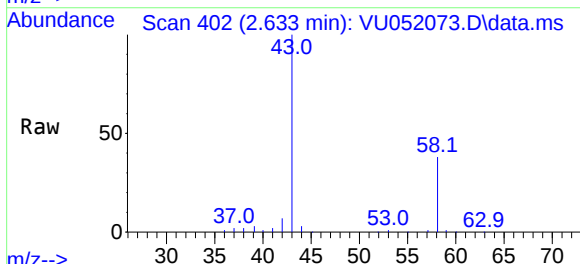
Instrument :
MSVOA_U
ClientSampleId :

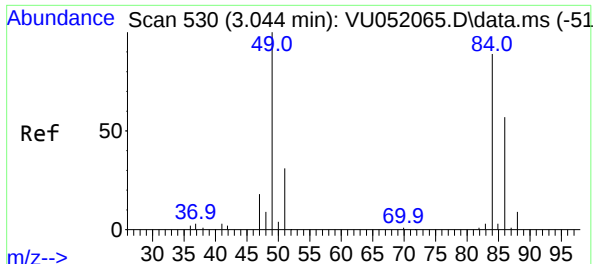
Tgt Ion:101 Resp: 1167
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#13
Acetone
Concen: 107.843 ug/L
RT: 2.633 min Scan# 402
Delta R.T. 0.013 min
Lab File: VU052073.D
Acq: 23 Nov 2022 06:40

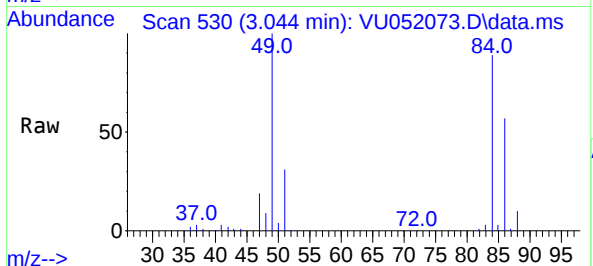
Tgt Ion: 43 Resp: 259436
Ion Ratio Lower Upper
43 100
58 37.6 0.0 76.0



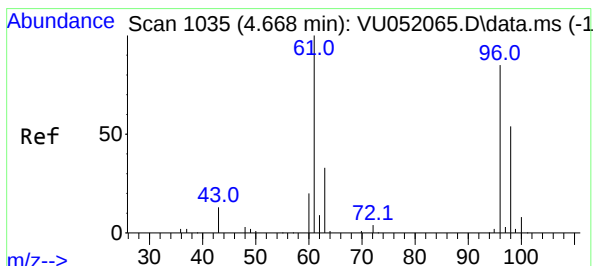
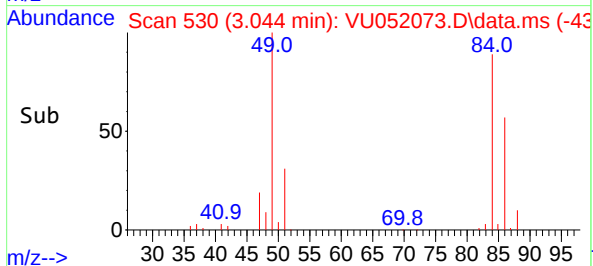
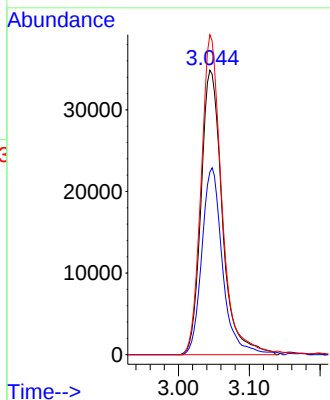


#16
Methylene chloride
Concen: 3.694 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052073.D
Acq: 23 Nov 2022 06:40

Instrument :
MSVOA_U
ClientSampleId :

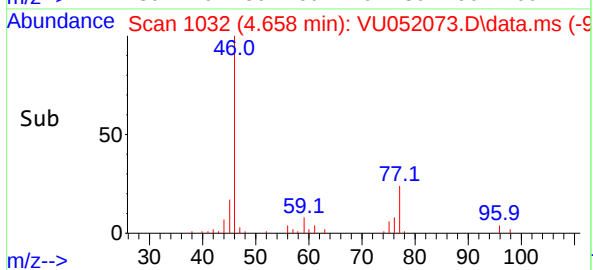
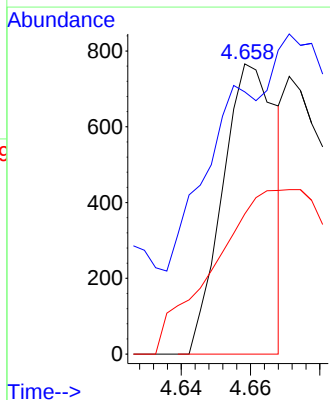
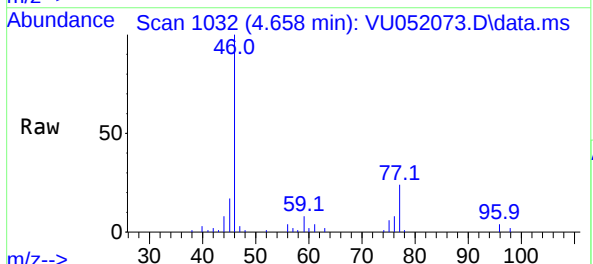


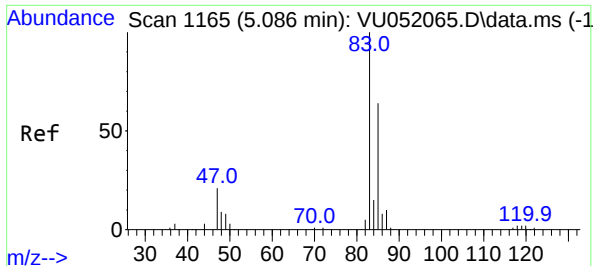
Tgt Ion: 84 Resp: 72844
Ion Ratio Lower Upper
84 100
86 64.2 43.8 81.4
49 112.5 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 0.050 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VU052073.D
Acq: 23 Nov 2022 06:40

Tgt Ion: 96 Resp: 824
Ion Ratio Lower Upper
96 100
61 90.3 85.1 158.1
98 48.3 42.8 79.6

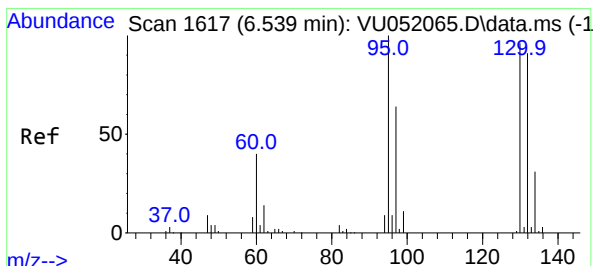
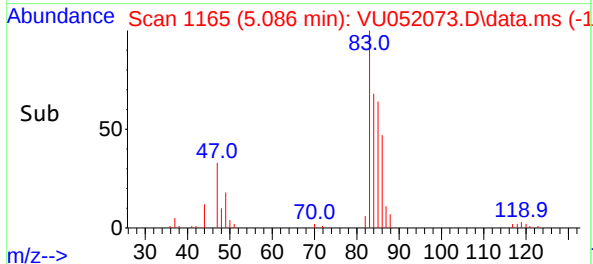
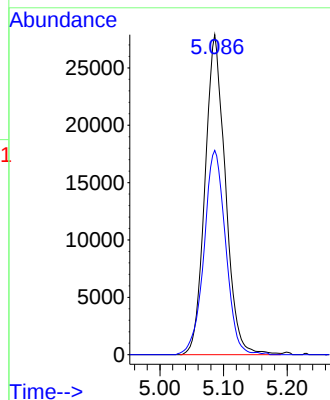
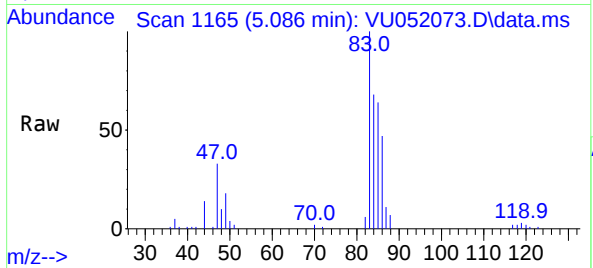




#25
Chloroform
Concen: 2.178 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU052073.D
Acq: 23 Nov 2022 06:40

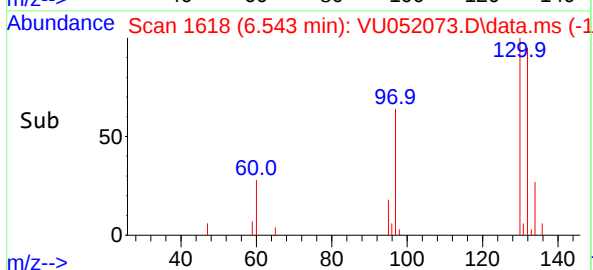
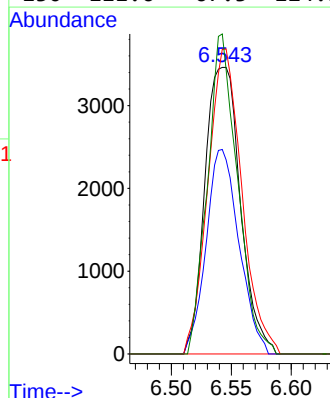
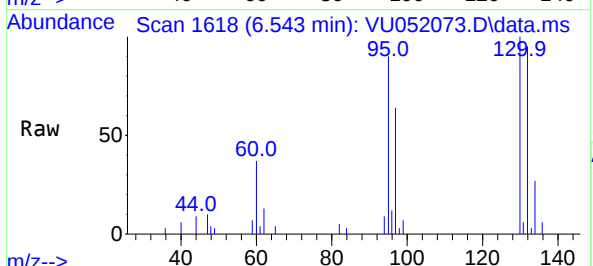
Instrument :
MSVOA_U
ClientSampleId :

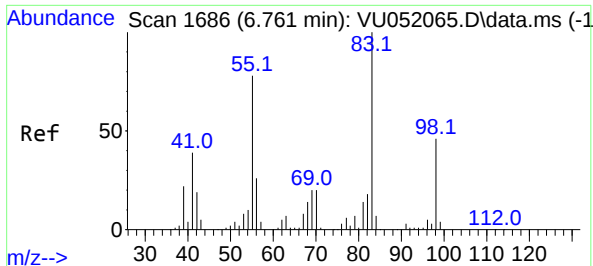
Tgt Ion: 83 Resp: 62161
Ion Ratio Lower Upper
83 100
85 63.8 43.8 81.4



#34
Trichloroethene
Concen: 0.409 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU052073.D
Acq: 23 Nov 2022 06:40

Tgt Ion: 95 Resp: 7118
Ion Ratio Lower Upper
95 100
97 71.3 43.7 81.1
132 106.3 64.3 119.3
130 111.6 67.3 124.9





#35

Methylcyclohexane

Concen: 0.981 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU052073.D

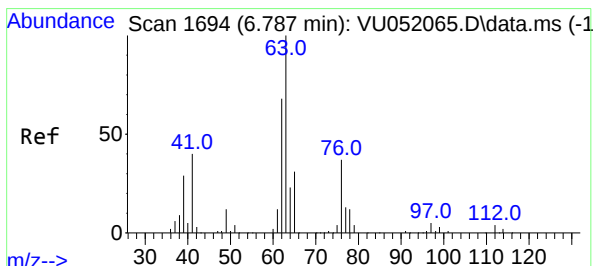
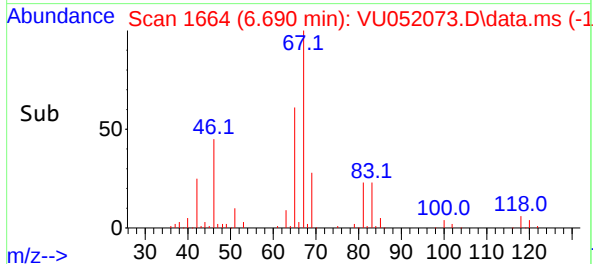
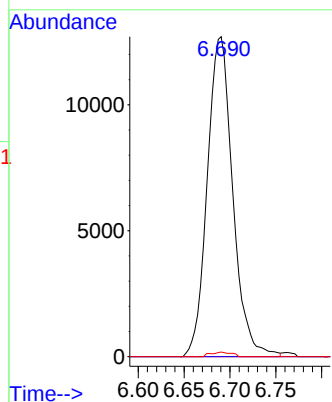
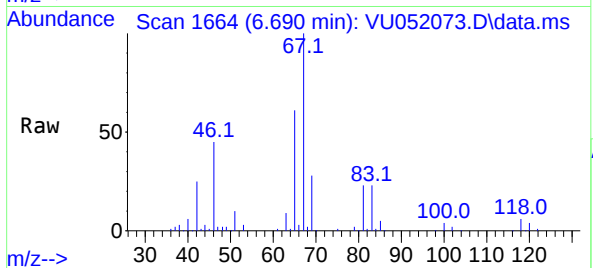
Acq: 23 Nov 2022 06:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	24580
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.8	91.2#
98	1.2	35.1	52.7#



#37

1,2-Dichloropropane

Concen: 0.589 ug/L

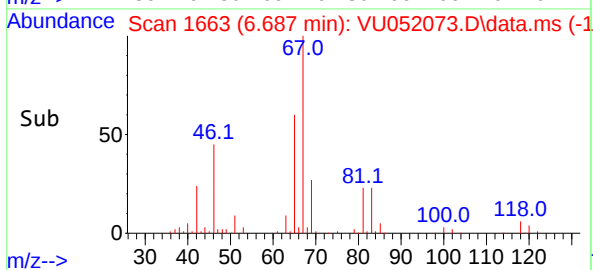
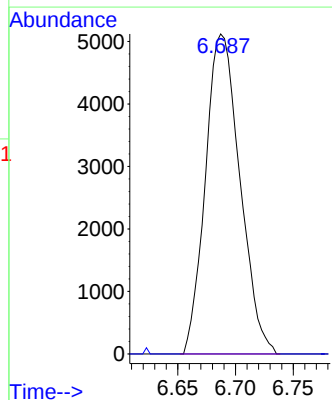
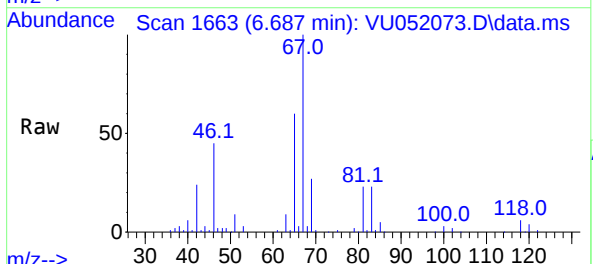
RT: 6.687 min Scan# 1663

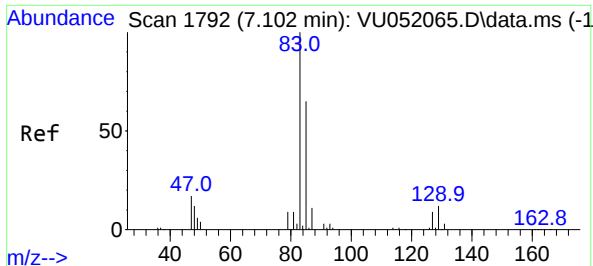
Delta R.T. -0.100 min

Lab File: VU052073.D

Acq: 23 Nov 2022 06:40

Tgt Ion:	63	Resp:	10648
Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.3	4.9#

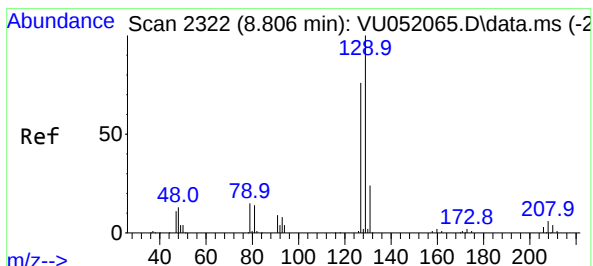
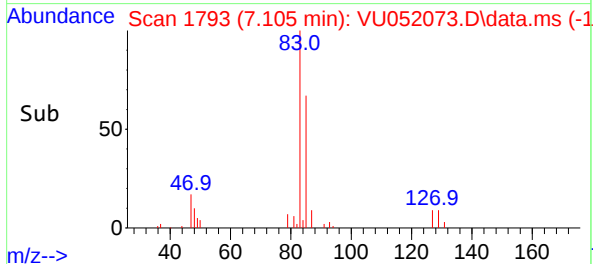
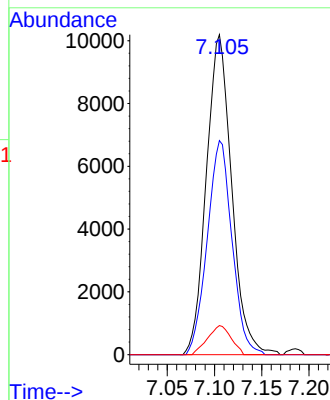
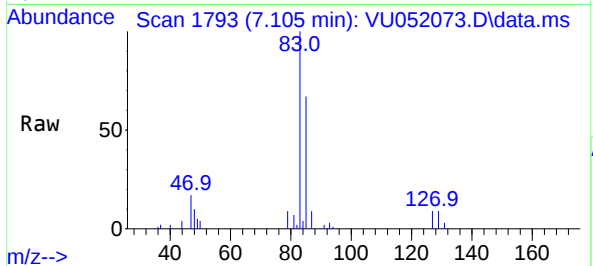




#38
Bromodichloromethane
Concen: 0.862 ug/L
RT: 7.105 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU052073.D
Acq: 23 Nov 2022 06:40

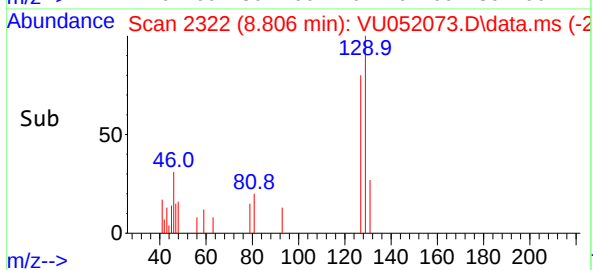
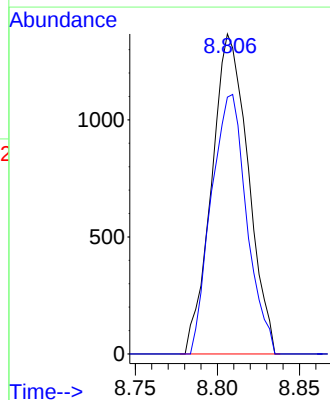
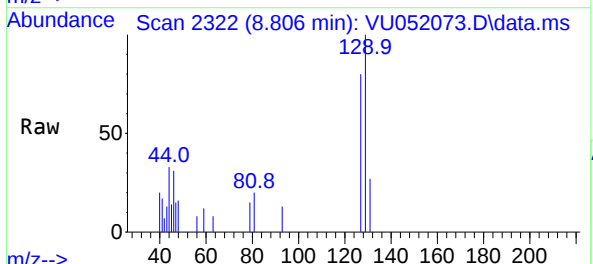
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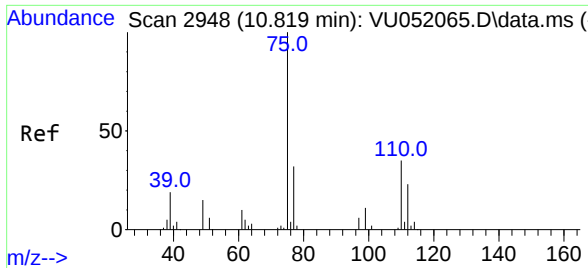
Tgt Ion: 83 Resp: 18999
Ion Ratio Lower Upper
83 100
85 66.9 43.5 80.9
127 9.1 6.8 10.2



#49
Dibromochloromethane
Concen: 0.139 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052073.D
Acq: 23 Nov 2022 06:40

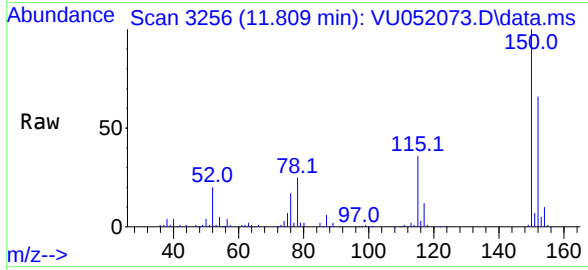
Tgt Ion: 129 Resp: 2115
Ion Ratio Lower Upper
129 100
127 80.2 52.8 98.2





#61
 1,2,3-Trichloropropane
 Concen: 0.998 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU052073.D
 Acq: 23 Nov 2022 06:40

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8791
 Ion Ratio Lower Upper
 75 100
 110 2.1 28.3 42.5#
 77 33.1 26.2 39.2

