

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052060.D
 Acq On : 22 Nov 2022 23:52
 Operator : JC/MD
 Sample : N5684-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:51:02 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

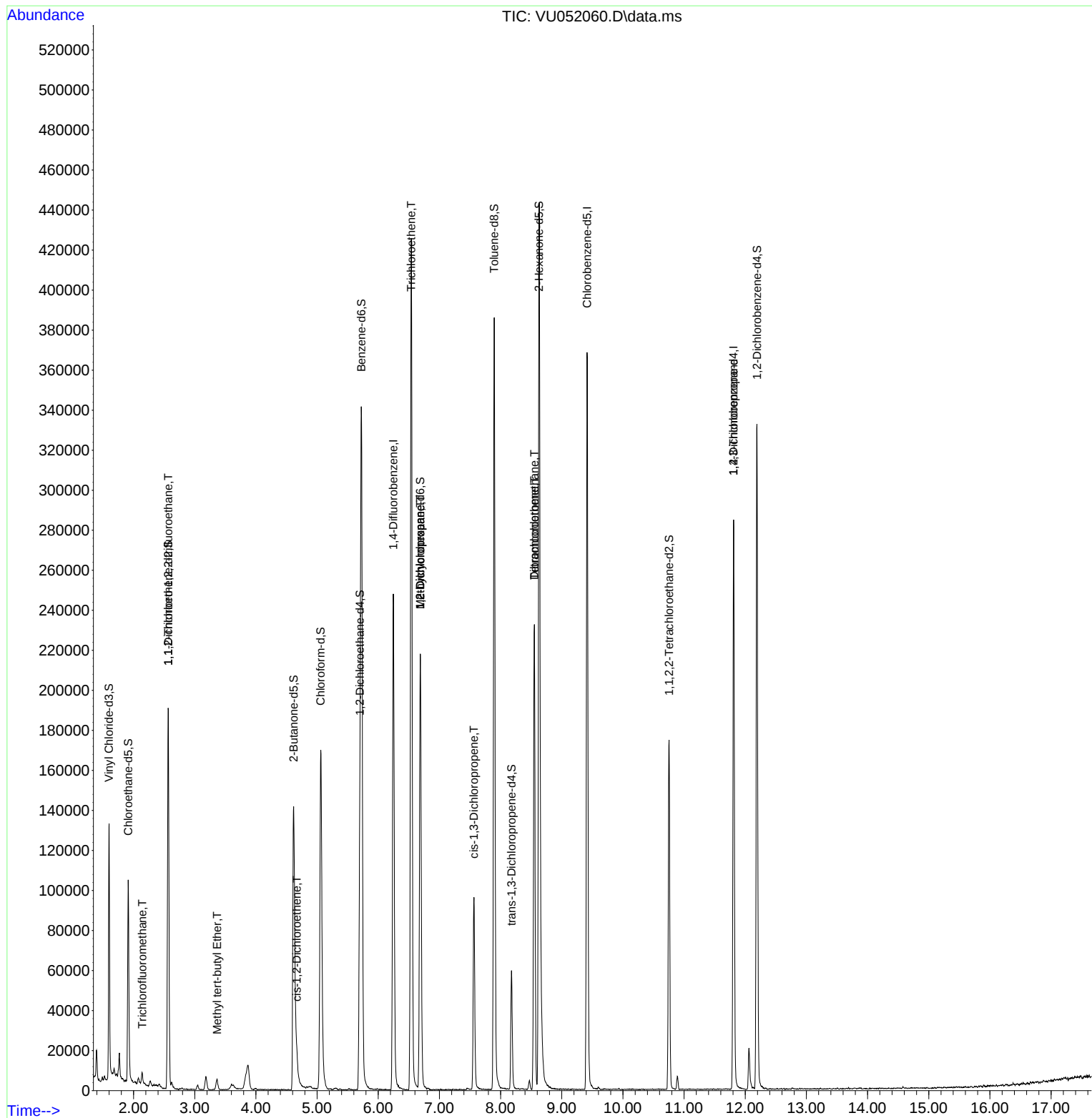
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	206086	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	217156	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	80593	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	95476	4.763	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.200%	
7) Chloroethane-d5	1.912	69	82644	5.308	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.200%	
11) 1,1-Dichloroethene-d2	2.568	65	35729	4.972	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.400%	
20) 2-Butanone-d5	4.616	46	201737	55.520	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.040%	
24) Chloroform-d	5.060	84	160910	5.463	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.200%	
26) 1,2-Dichloroethane-d4	5.700	65	85130	5.722	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.400%	
32) Benzene-d6	5.726	84	341830	5.302	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
36) 1,2-Dichloropropane-d6	6.687	67	111331	5.580	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.600%	
41) Toluene-d8	7.896	98	272970	4.680	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	8.179	79	35125	4.831	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.600%	
46) 2-Hexanone-d5	8.629	63	154942	50.286	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.580%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90702	5.243	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	93392	6.053	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	121.000%#	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.141	101	3844	0.156	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1472	0.098	ug/L #	25
17) Methyl tert-butyl Ether	3.366	73	5173	0.155	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	5153	0.306	ug/L	91
34) Trichloroethene	6.539	95	156737	8.892	ug/L	98
35) Methylcyclohexane	6.687	83	25230	0.995	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10990	0.601	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2135	0.091	ug/L #	61
47) Tetrachloroethene	8.552	164	53731	3.977	ug/L	98
49) Dibromochloromethane	8.552	129	51680	3.356	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	9536	1.034	ug/L #	66

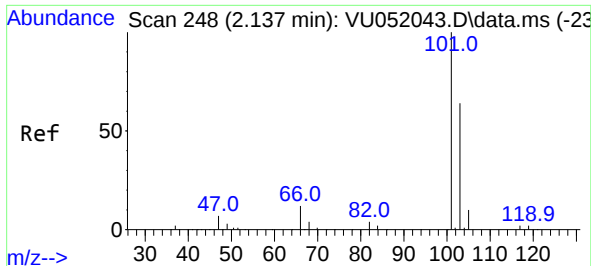
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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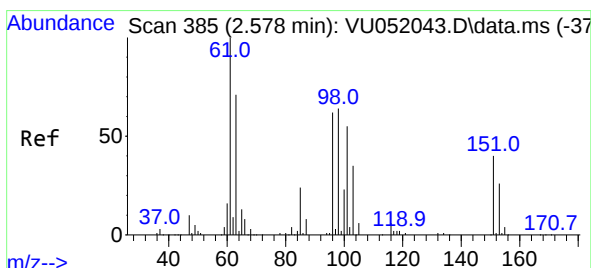
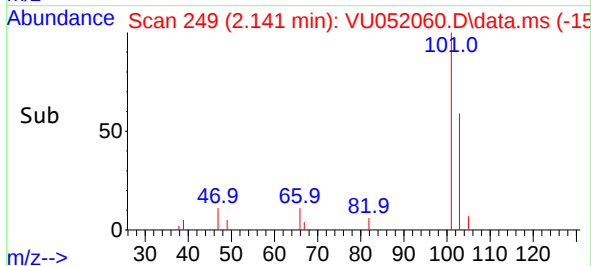
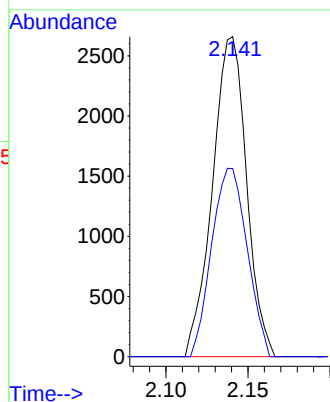
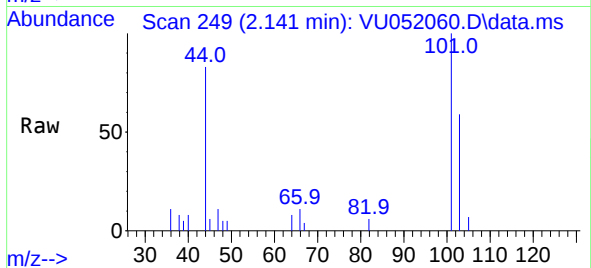




#9
Trichlorofluoromethane
Concen: 0.156 ug/L
RT: 2.141 min Scan# 24
Delta R.T. 0.006 min
Lab File: VU052060.D
Acq: 22 Nov 2022 23:52

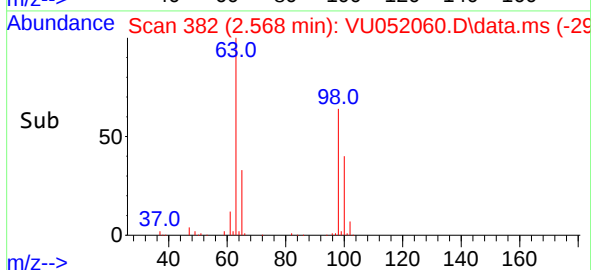
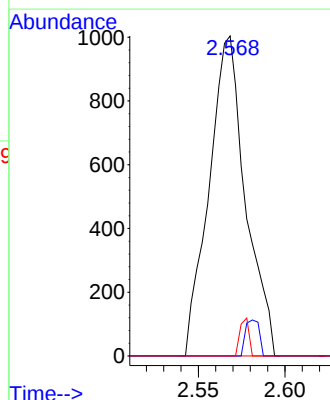
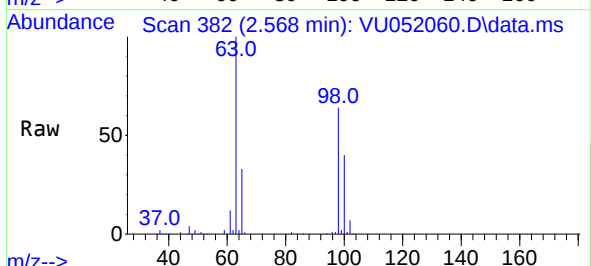
Instrument :
MSVOA_U
ClientSampleId :

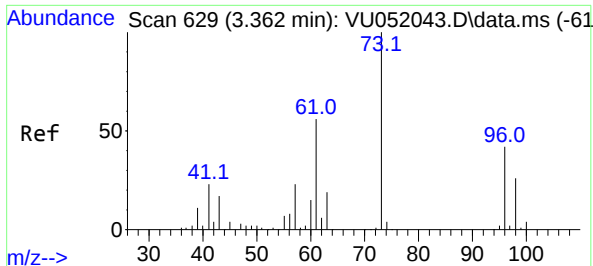
Tgt Ion:101 Resp: 3844
Ion Ratio Lower Upper
101 100
103 61.1 51.6 77.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.098 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU052060.D
Acq: 22 Nov 2022 23:52

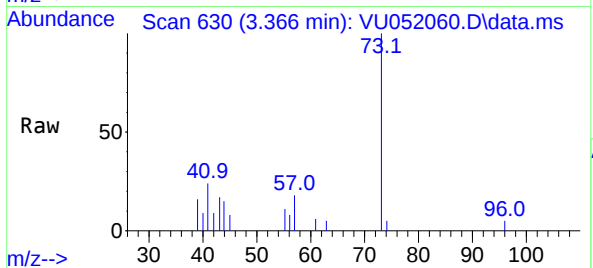
Tgt Ion:101 Resp: 1472
Ion Ratio Lower Upper
101 100
85 4.2 33.8 50.6#
151 2.9 58.6 88.0#



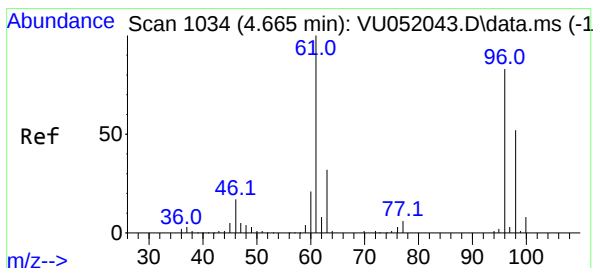
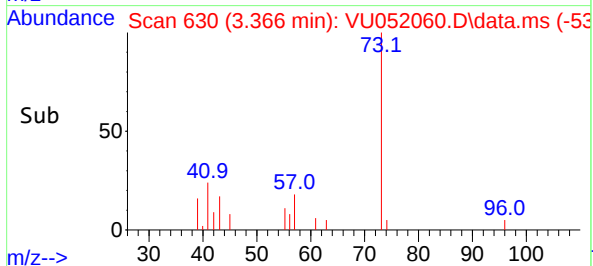
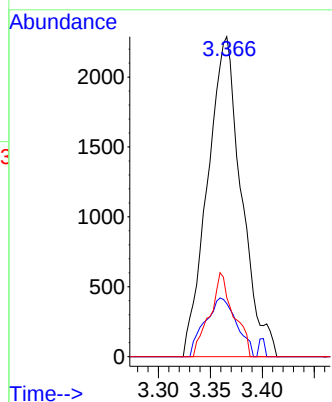


#17
Methyl tert-butyl Ether
Concen: 0.155 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU052060.D
Acq: 22 Nov 2022 23:52

Instrument :
MSVOA_U
ClientSampleId :

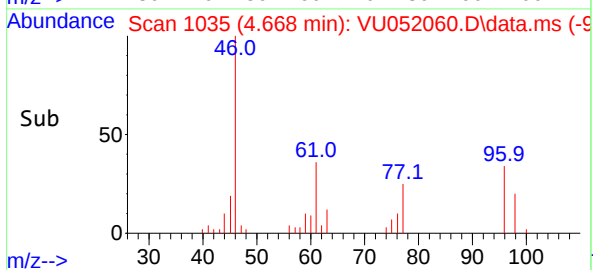
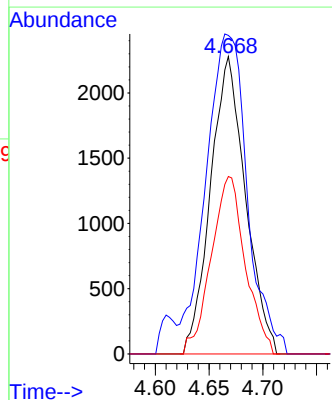
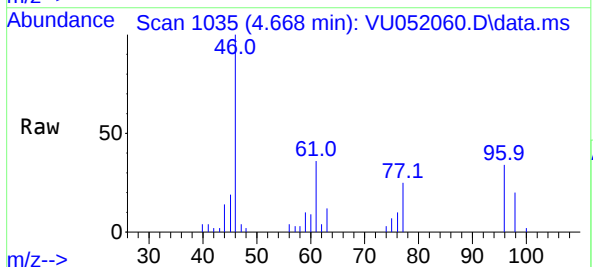


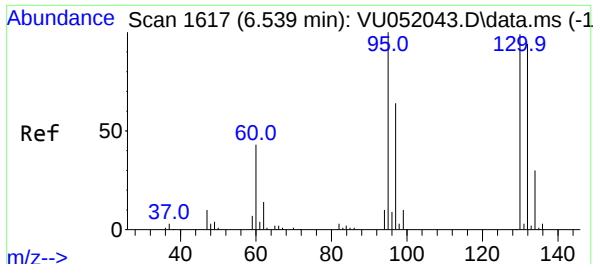
Tgt Ion: 73 Resp: 5173
Ion Ratio Lower Upper
73 100
43 17.3 13.2 19.8
57 18.4 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 0.306 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU052060.D
Acq: 22 Nov 2022 23:52

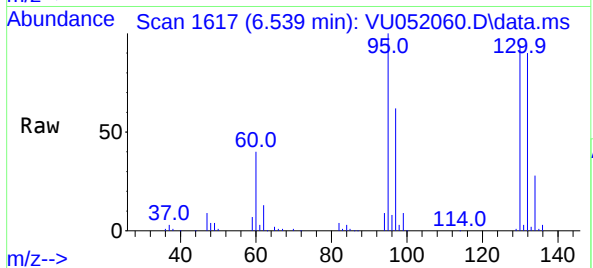
Tgt Ion: 96 Resp: 5153
Ion Ratio Lower Upper
96 100
61 107.1 85.1 158.1
98 59.6 42.8 79.6



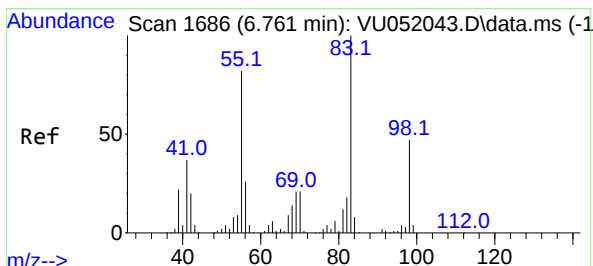
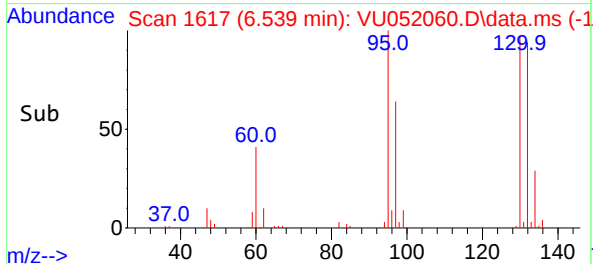
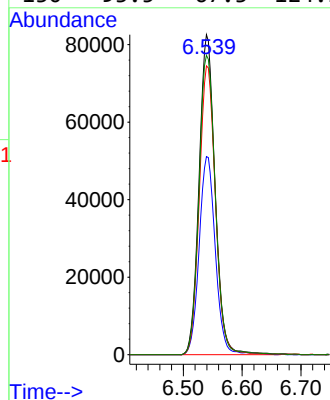


#34
Trichloroethene
Concen: 8.892 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052060.D
Acq: 22 Nov 2022 23:52

Instrument :
MSVOA_U
ClientSampleId :

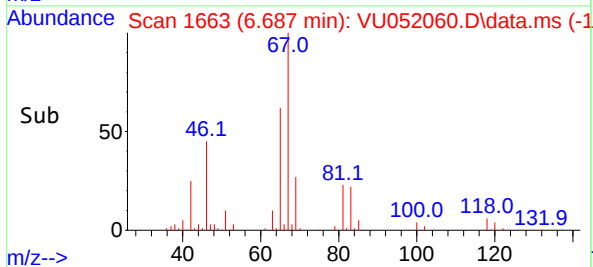
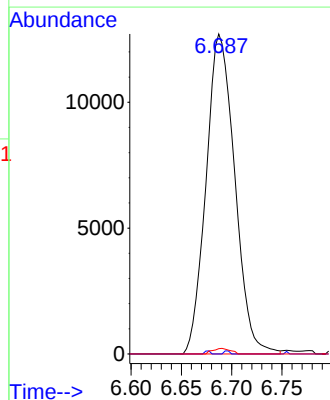
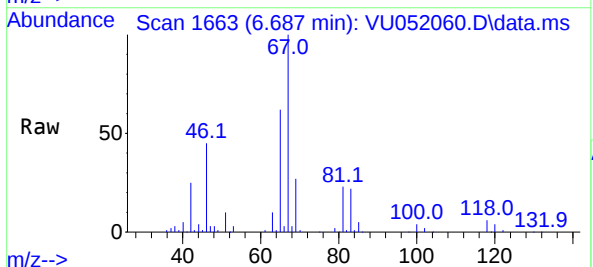


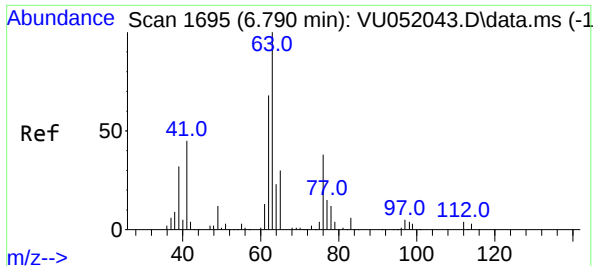
Tgt Ion: 95 Resp: 156737
Ion Ratio Lower Upper
95 100
97 61.9 43.7 81.1
132 90.3 64.3 119.3
130 93.5 67.3 124.9



#35
Methylcyclohexane
Concen: 0.995 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052060.D
Acq: 22 Nov 2022 23:52

Tgt Ion: 83 Resp: 25230
Ion Ratio Lower Upper
83 100
55 0.2 60.8 91.2#
98 1.1 35.1 52.7#

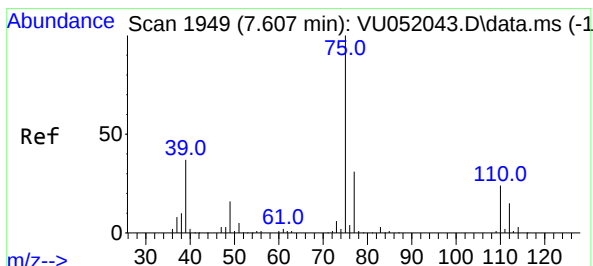
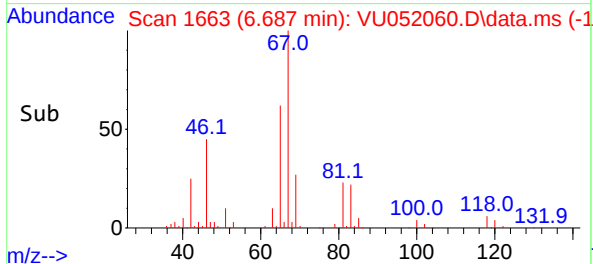
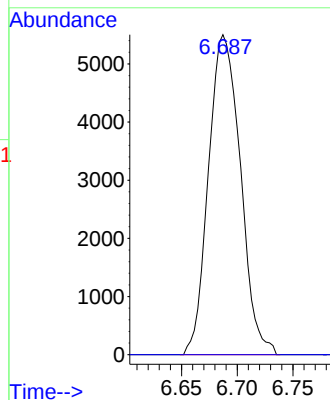
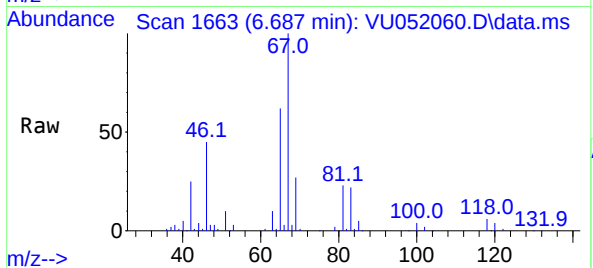




#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052060.D
Acq: 22 Nov 2022 23:52

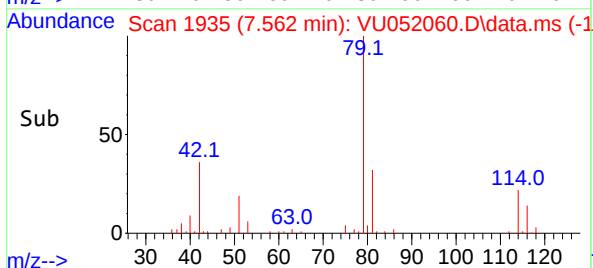
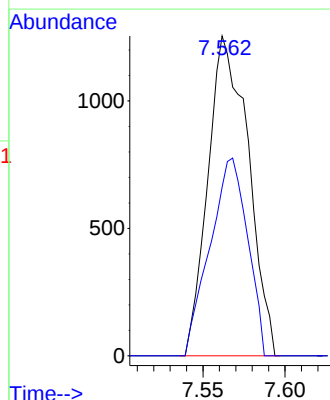
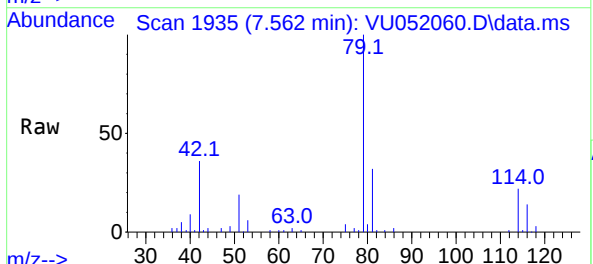
Instrument :
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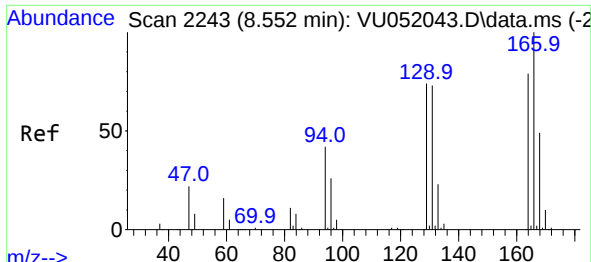
Tgt Ion: 63 Resp: 10990
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.091 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.042 min
Lab File: VU052060.D
Acq: 22 Nov 2022 23:52

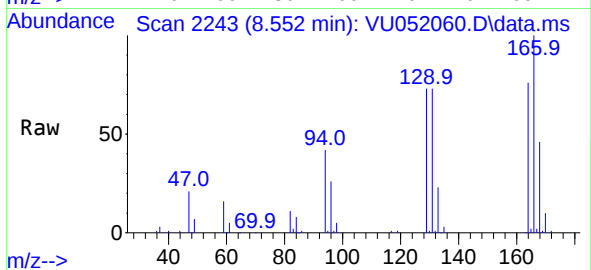
Tgt Ion: 75 Resp: 2135
Ion Ratio Lower Upper
75 100
77 52.7 22.0 40.8#



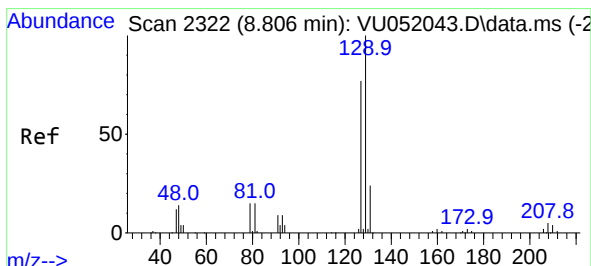
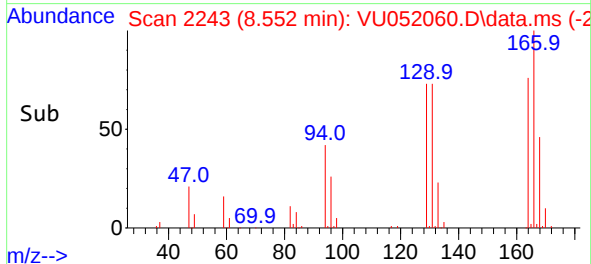
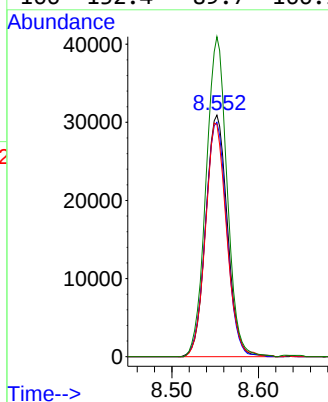


#47
Tetrachloroethene
Concen: 3.977 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU052060.D
Acq: 22 Nov 2022 23:52

Instrument :
MSVOA_U
ClientSampleId :

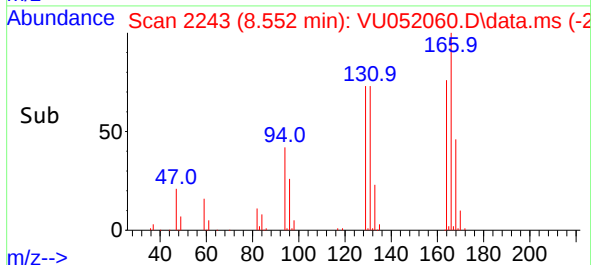
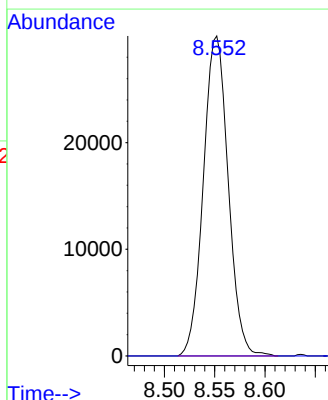
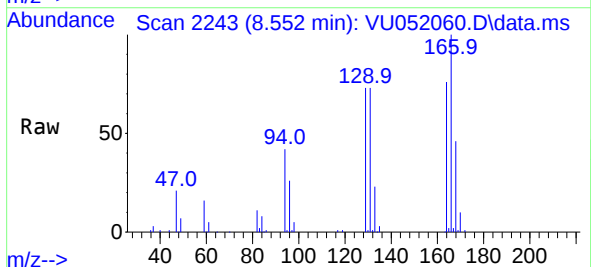


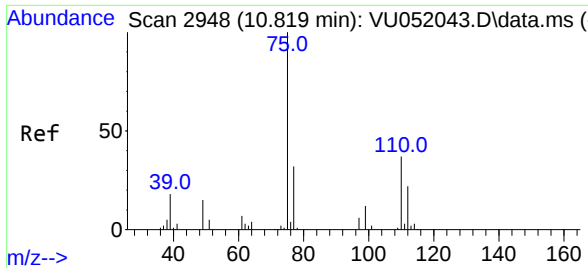
Tgt Ion:164 Resp: 53731
Ion Ratio Lower Upper
164 100
129 97.0 67.4 125.2
131 96.2 67.1 124.7
166 132.4 89.7 166.5



#49
Dibromochloromethane
Concen: 3.356 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU052060.D
Acq: 22 Nov 2022 23:52

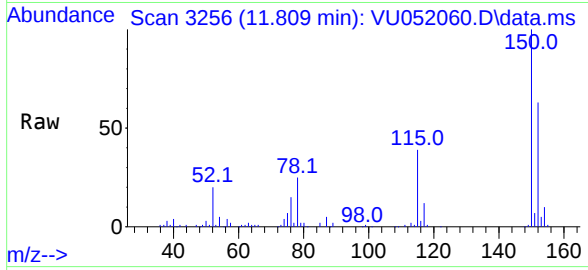
Tgt Ion:129 Resp: 51680
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#





#61
1,2,3-Trichloropropane
Concen: 1.034 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052060.D
Acq: 22 Nov 2022 23:52

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 9536
Ion Ratio Lower Upper
75 100
110 0.0 28.3 42.5#
77 30.4 26.2 39.2

