

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112222\
 Data File : VU052061.D
 Acq On : 23 Nov 2022 00:19
 Operator : JC/MD
 Sample : N5684-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:51:10 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)

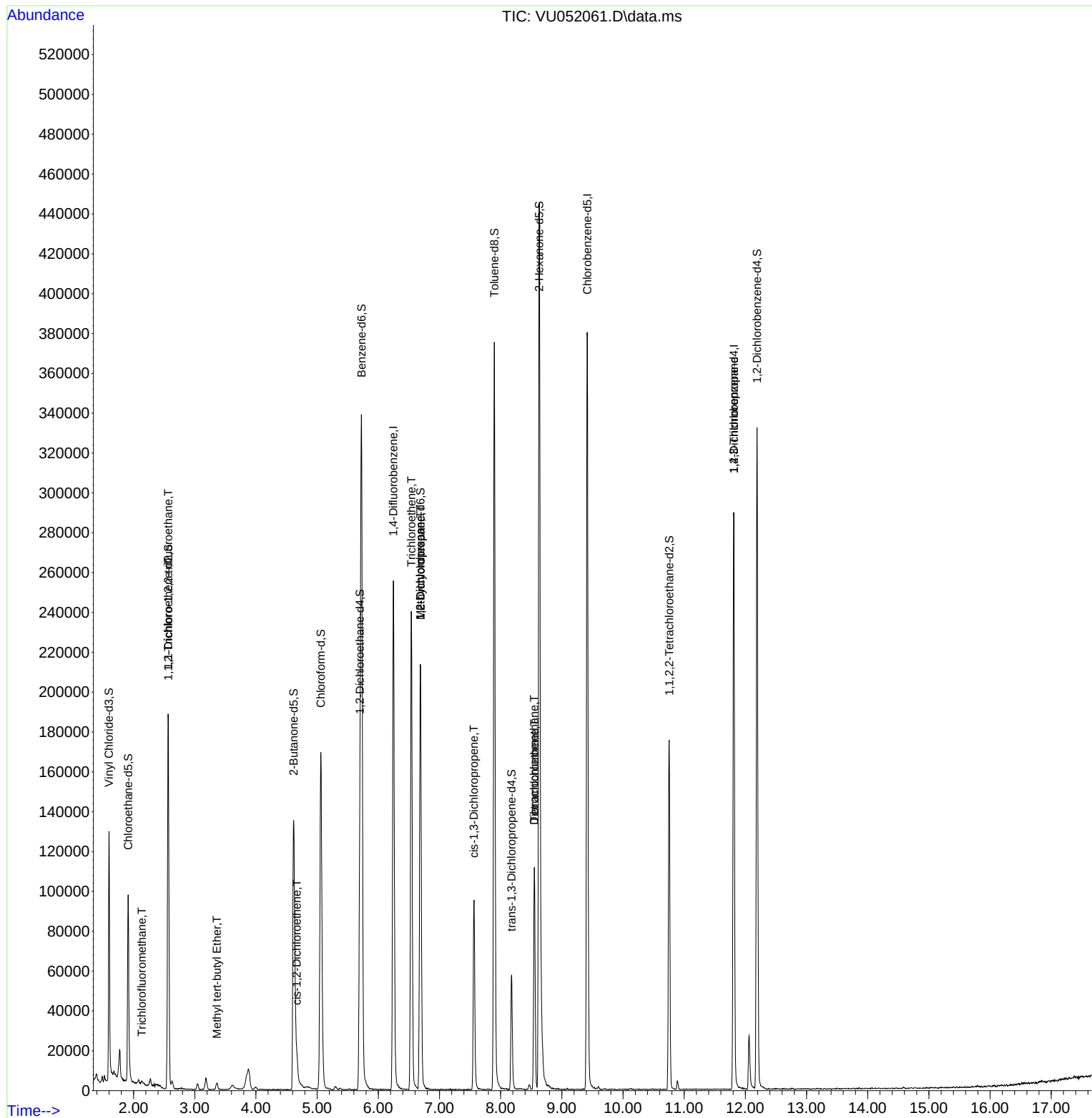
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	208151	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	222148	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	83519	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	94264	4.656	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.912	69	79962	5.085	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.600%
11) 1,1-Dichloroethene-d2	2.565	65	35473	4.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.616	46	196439	53.525	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.060%
24) Chloroform-d	5.060	84	160467	5.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.700	65	84801	5.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.800%
32) Benzene-d6	5.726	84	334618	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.687	67	109073	5.344	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.896	98	263494	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	8.179	79	34004	4.572	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.629	63	148753	47.193	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.380%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90943	5.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	93798	5.866	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.400%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.134	101	1035	0.042	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1356	0.089	ug/L #	28
17) Methyl tert-butyl Ether	3.362	73	3674	0.109	ug/L #	90
22) cis-1,2-Dichloroethene	4.668	96	4019	0.237	ug/L	89
34) Trichloroethene	6.539	95	84578	4.690	ug/L	98
35) Methylcyclohexane	6.687	83	25575	0.986	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	10941	0.584	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	2317	0.096	ug/L #	43
47) Tetrachloroethene	8.552	164	26494	1.917	ug/L	96
49) Dibromochloromethane	8.549	129	24834	1.576	ug/L #	12
61) 1,2,3-Trichloropropane	11.812	75	9435	0.987	ug/L #	67

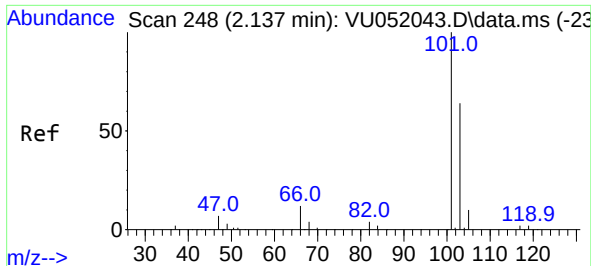
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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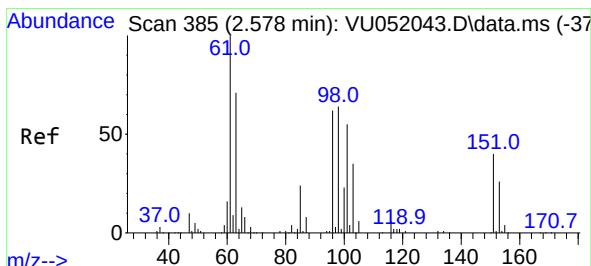
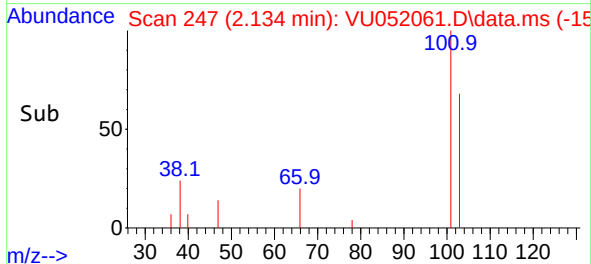
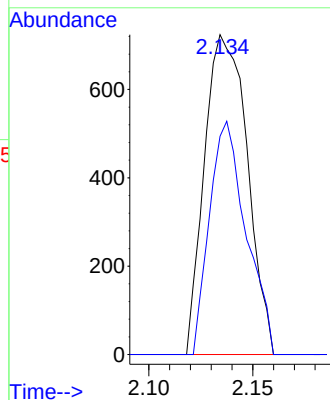
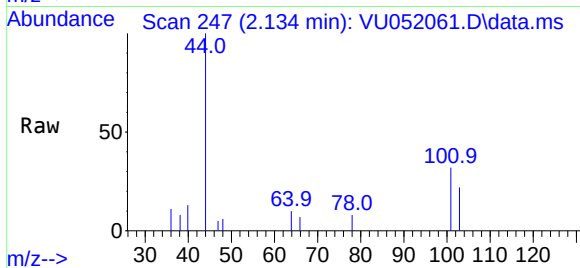




#9
Trichlorofluoromethane
Concen: 0.042 ug/L
RT: 2.134 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU052061.D
Acq: 23 Nov 2022 00:19

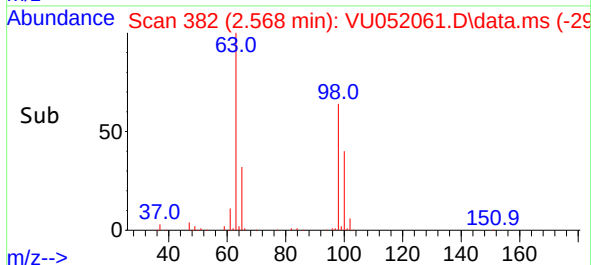
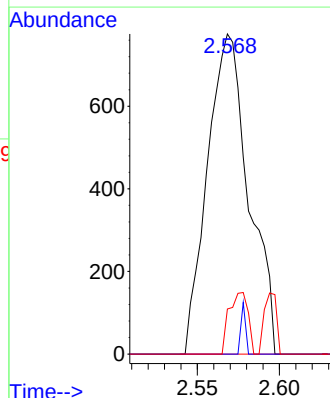
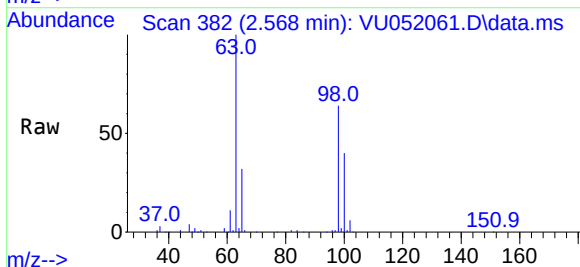
Instrument :
MSVOA_U
ClientSampleId :

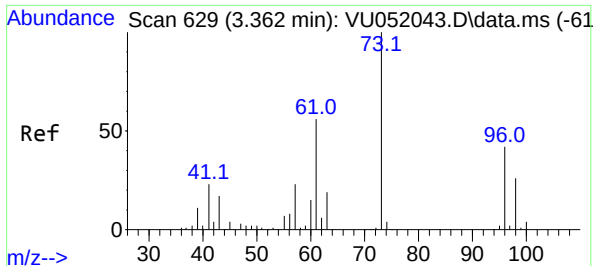
Tgt Ion:101 Resp: 1035
Ion Ratio Lower Upper
101 100
103 62.6 51.6 77.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.010 min
Lab File: VU052061.D
Acq: 23 Nov 2022 00:19

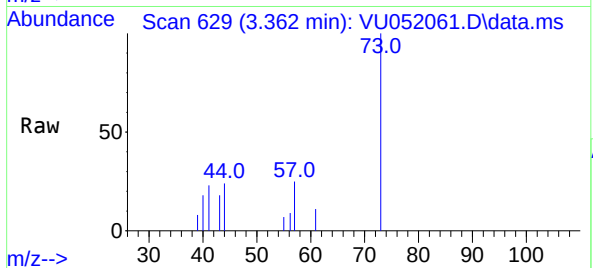
Tgt Ion:101 Resp: 1356
Ion Ratio Lower Upper
101 100
85 1.8 33.8 50.6#
151 8.8 58.6 88.0#



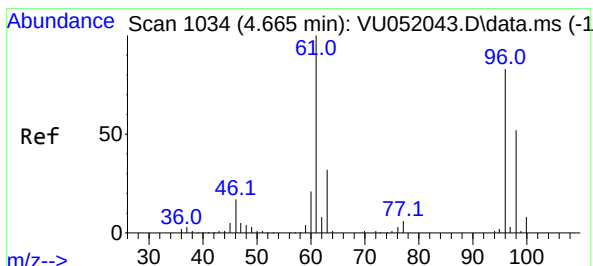
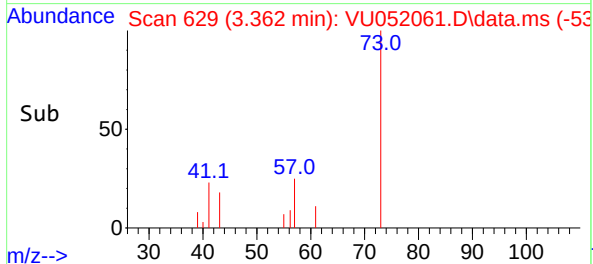
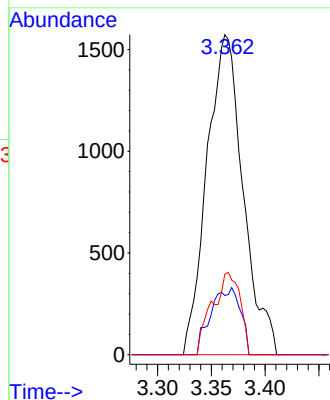


#17
Methyl tert-butyl Ether
Concen: 0.109 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052061.D
Acq: 23 Nov 2022 00:19

Instrument :
MSVOA_U
ClientSampleId :

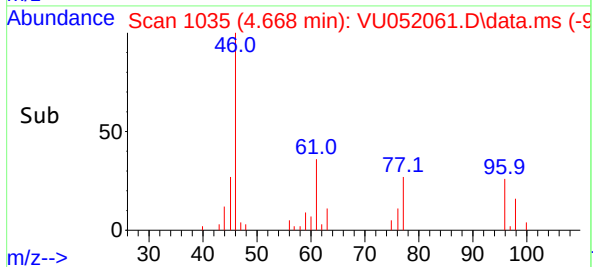
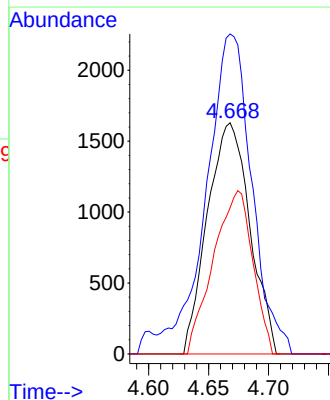
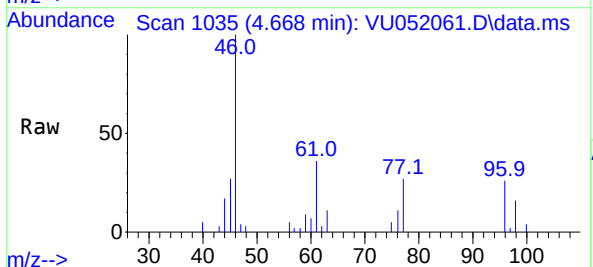


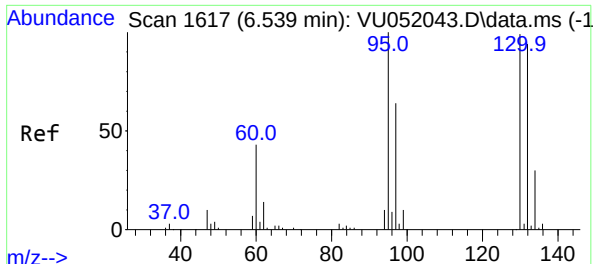
Tgt Ion: 73 Resp: 3674
Ion Ratio Lower Upper
73 100
43 9.3 13.2 19.8#
57 19.8 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 0.237 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU052061.D
Acq: 23 Nov 2022 00:19

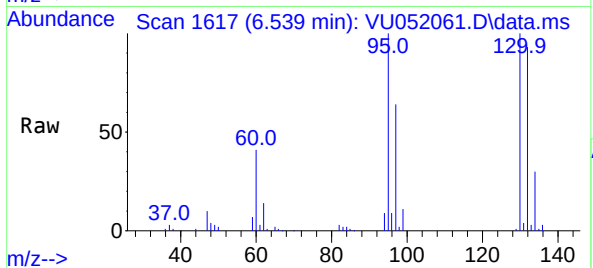
Tgt Ion: 96 Resp: 4019
Ion Ratio Lower Upper
96 100
61 138.4 85.1 158.1
98 63.3 42.8 79.6



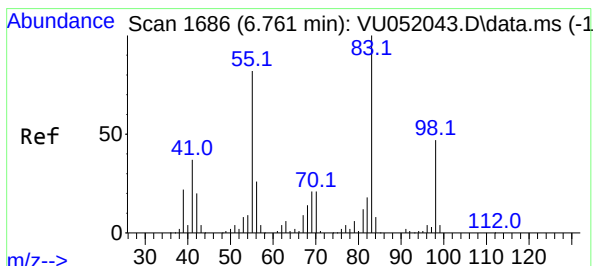
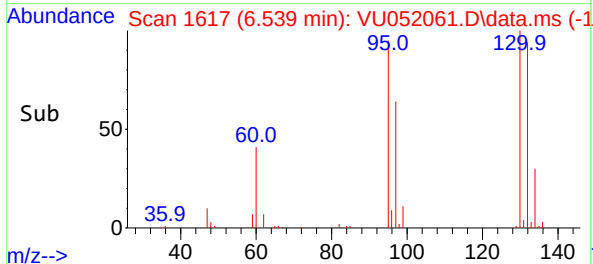
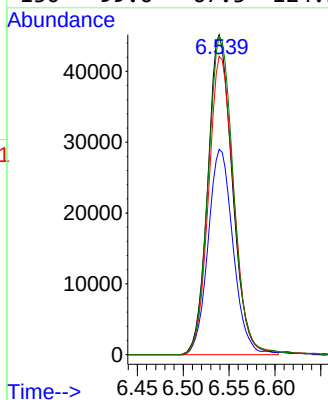


#34
Trichloroethene
Concen: 4.690 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052061.D
Acq: 23 Nov 2022 00:19

Instrument :
MSVOA_U
ClientSampleId :

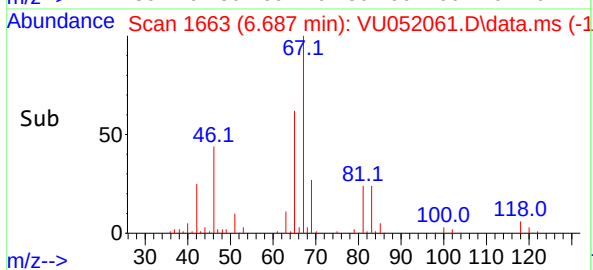
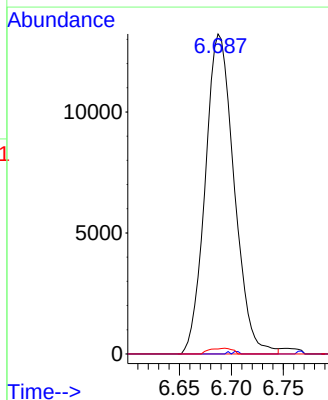
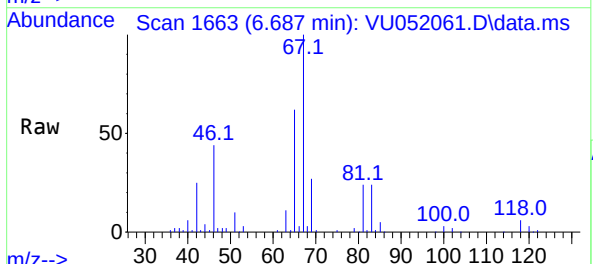


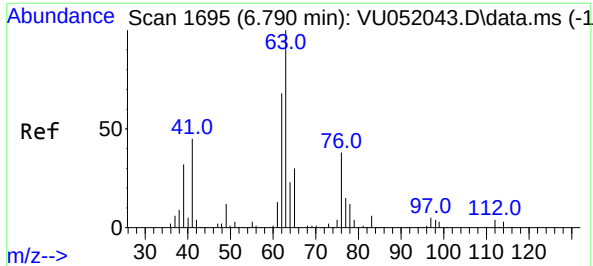
Tgt Ion: 95 Resp: 84578
Ion Ratio Lower Upper
95 100
97 64.1 43.7 81.1
132 93.3 64.3 119.3
130 99.6 67.3 124.9



#35
Methylcyclohexane
Concen: 0.986 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052061.D
Acq: 23 Nov 2022 00:19

Tgt Ion: 83 Resp: 25575
Ion Ratio Lower Upper
83 100
55 0.2 60.8 91.2#
98 1.4 35.1 52.7#

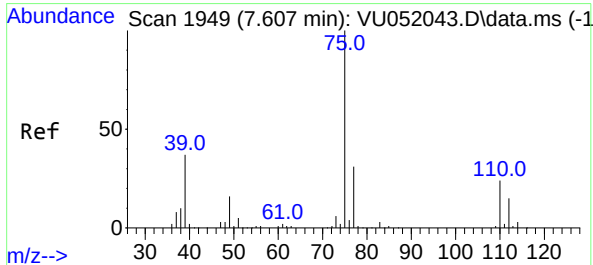
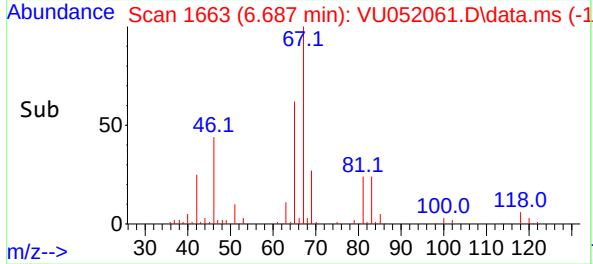
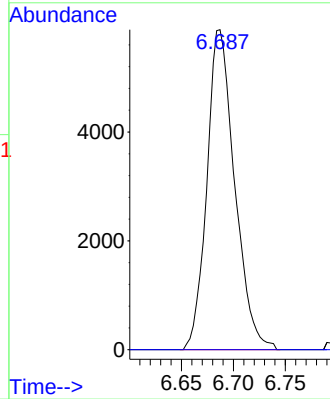
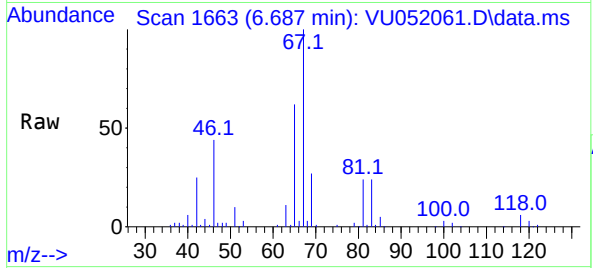




#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052061.D
Acq: 23 Nov 2022 00:19

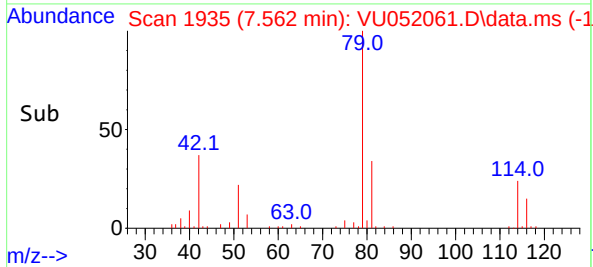
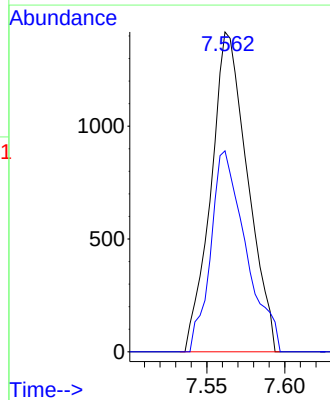
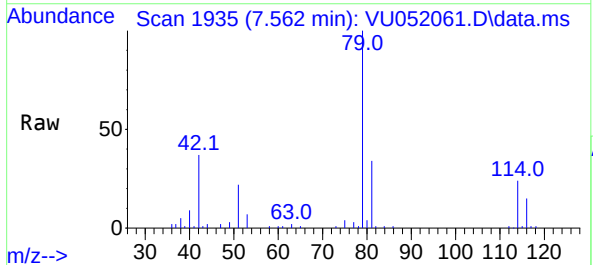
Instrument :
MSVOA_U
ClientSampleId :

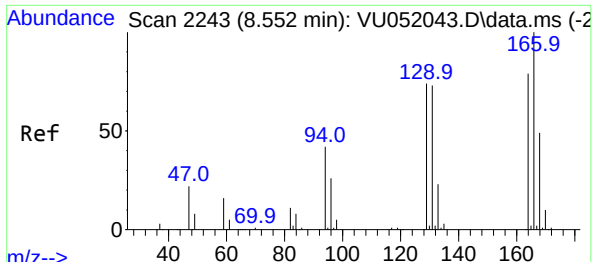
Tgt Ion: 63 Resp: 10941
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.042 min
Lab File: VU052061.D
Acq: 23 Nov 2022 00:19

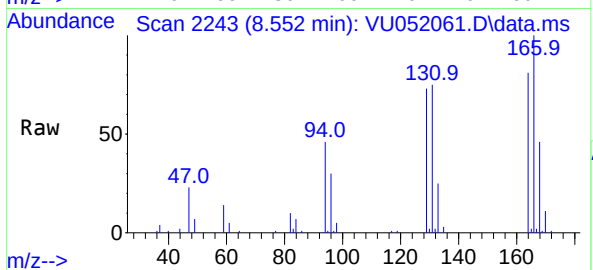
Tgt Ion: 75 Resp: 2317
Ion Ratio Lower Upper
75 100
77 62.8 22.0 40.8#





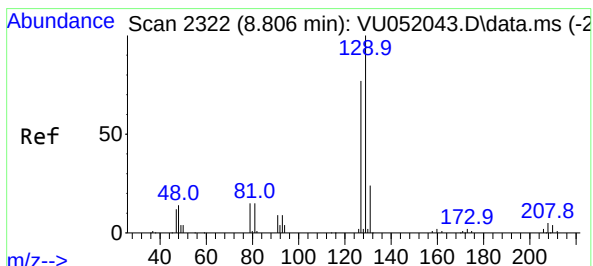
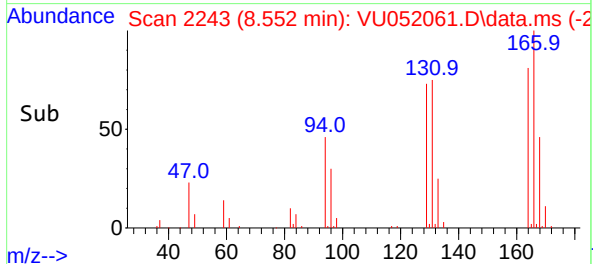
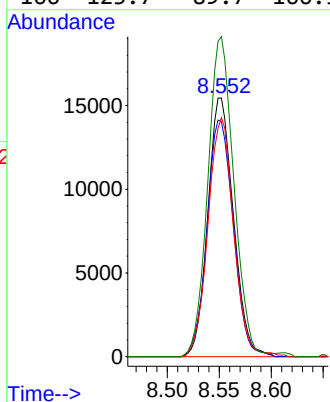
#47
Tetrachloroethene
Concen: 1.917 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052061.D
Acq: 23 Nov 2022 00:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 26494

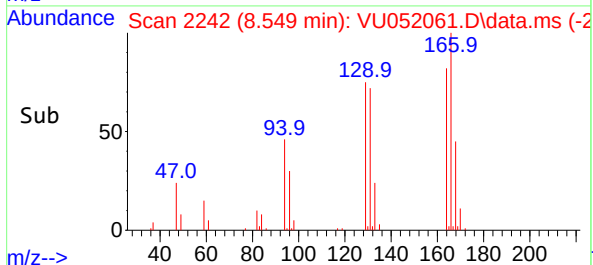
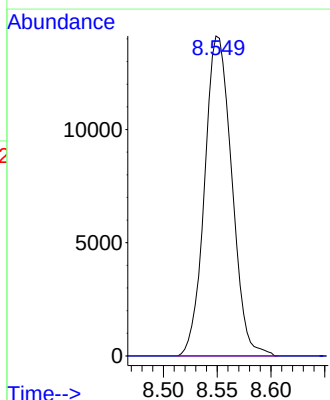
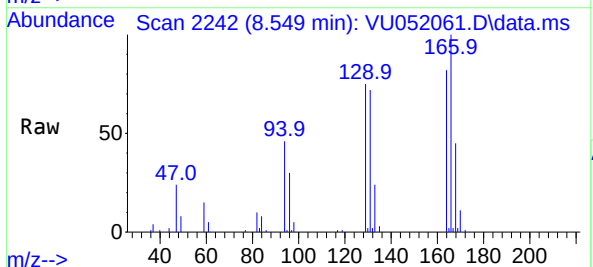
Ion	Ratio	Lower	Upper
164	100		
129	90.8	67.4	125.2
131	92.4	67.1	124.7
166	123.7	89.7	166.5

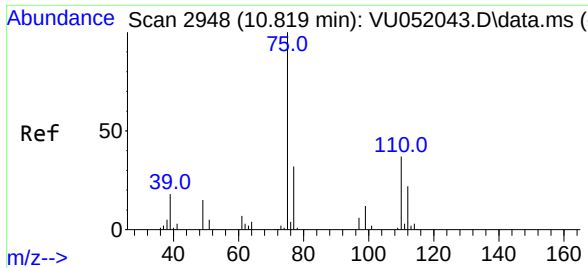


#49
Dibromochloromethane
Concen: 1.576 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU052061.D
Acq: 23 Nov 2022 00:19

Tgt Ion:129 Resp: 24834

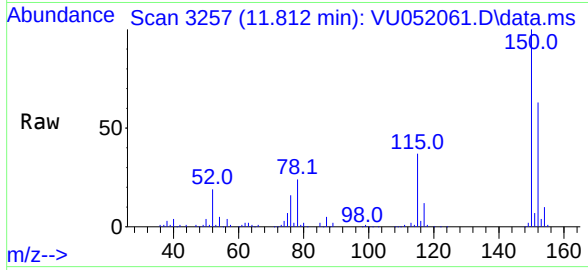
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.8	98.2#





#61
1,2,3-Trichloropropane
Concen: 0.987 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU052061.D
Acq: 23 Nov 2022 00:19

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 9435
Ion Ratio Lower Upper
75 100
110 1.1 28.3 42.5#
77 29.8 26.2 39.2

