

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051921.D
 Acq On : 18 Nov 2022 23:29
 Operator : JC/MD
 Sample : N5684-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J0

Quant Time: Nov 19 00:52:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

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

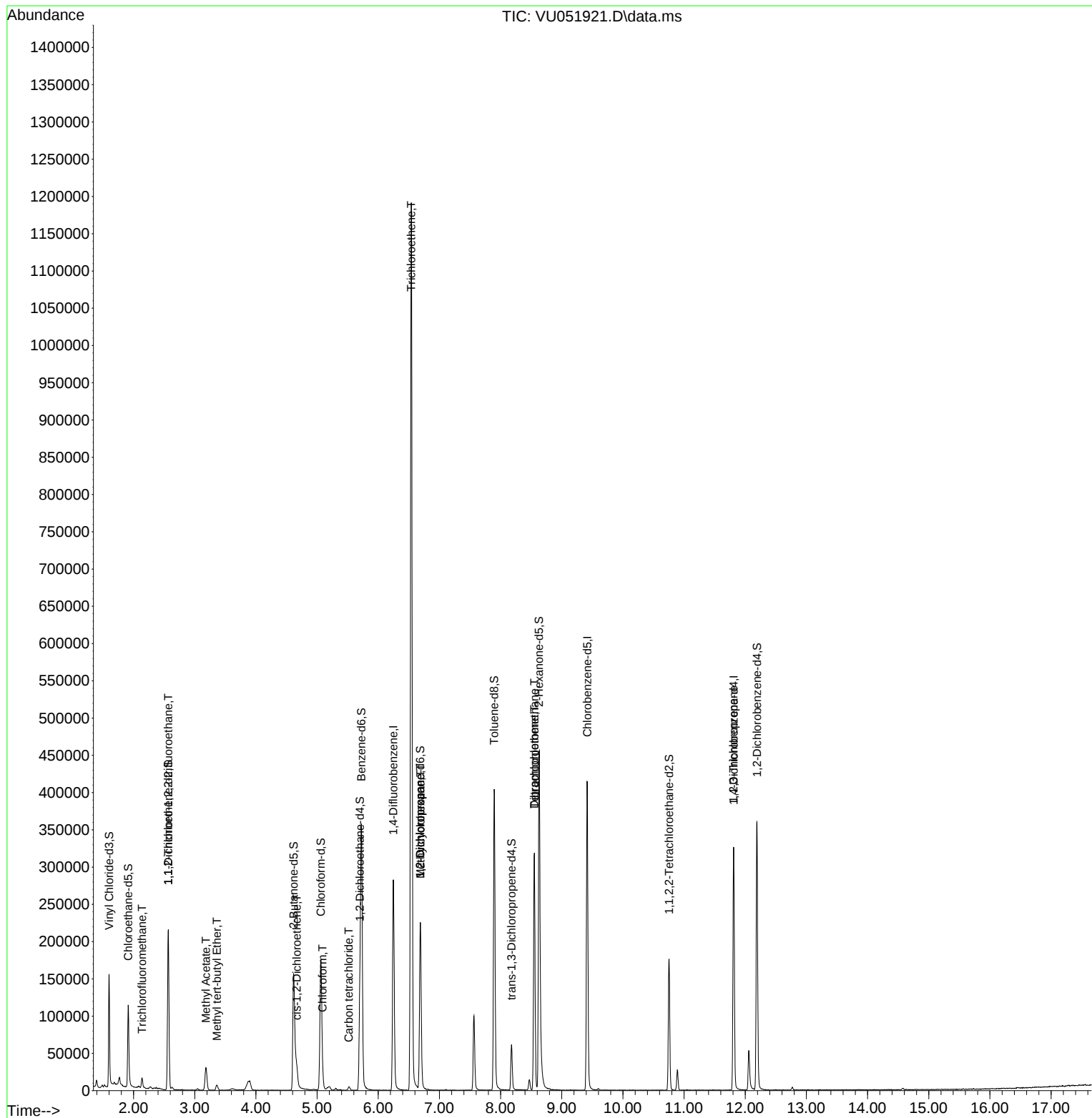
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	236474	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	242424	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	94020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	113624	4.940	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.912	69	92705	5.189	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.568	65	40021	4.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.616	46	200791	48.158	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.320%
24) Chloroform-d	5.063	84	164743	4.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.700	65	86760	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.726	84	353280	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.687	67	114744	5.152	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.896	98	285202	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	8.179	79	35757	4.405	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.629	63	161476	46.944	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.880%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	92629	4.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	100420	5.579	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.137	101	8841	0.312	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1832	0.106	ug/L #	41
15) Methyl Acetate	3.182	43	2173	0.296	ug/L #	48
17) Methyl tert-butyl Ether	3.362	73	6830	0.178	ug/L	98
22) cis-1,2-Dichloroethene	4.668	96	11955	0.619	ug/L	94
25) Chloroform	5.089	83	13310	0.396	ug/L	92
31) Carbon tetrachloride	5.517	117	3302	0.144	ug/L	93
34) Trichloroethene	6.539	95	419546	21.320	ug/L	98
35) Methylcyclohexane	6.690	83	25154	0.889	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11634	0.570	ug/L #	88
47) Tetrachloroethene	8.552	164	71604	4.748	ug/L	99
49) Dibromochloromethane	8.552	129	69888	4.065	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	11133	1.035	ug/L #	70

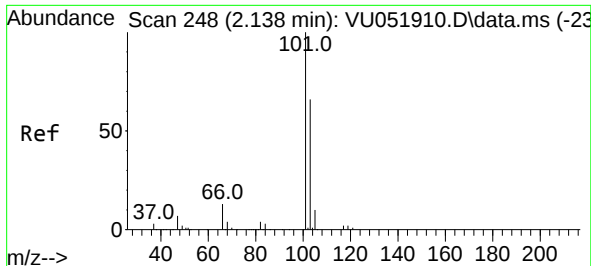
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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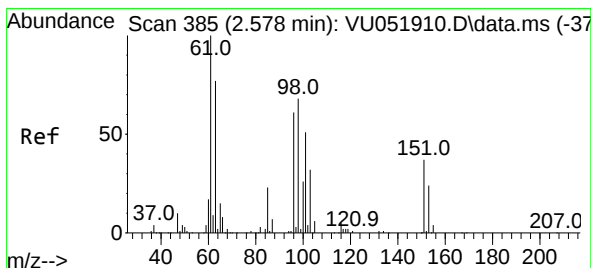
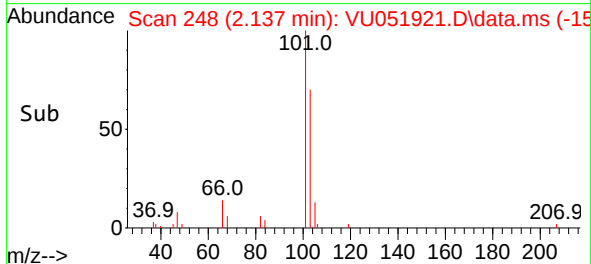
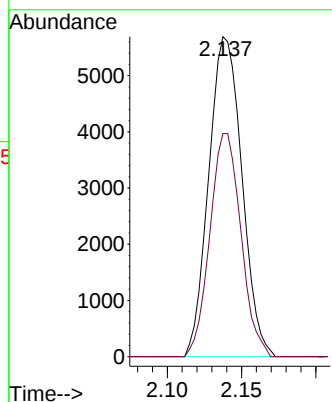
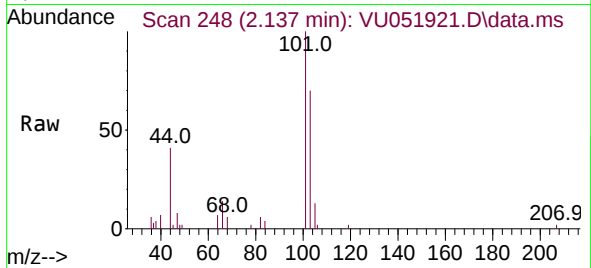




#9
 Trichlorofluoromethane
 Concen: 0.312 ug/L
 RT: 2.137 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: VU051921.D
 Acq: 18 Nov 2022 23:29

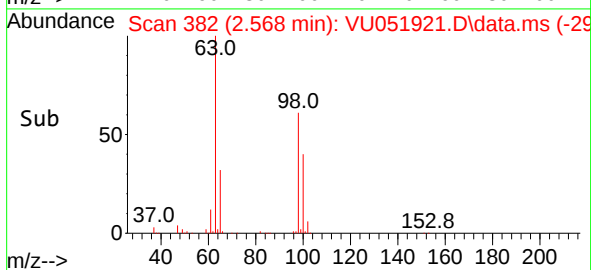
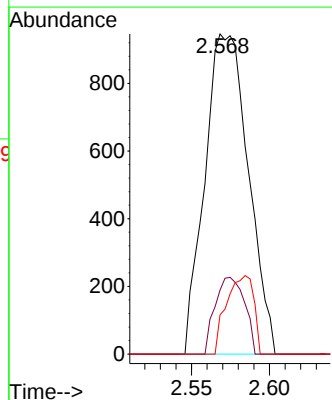
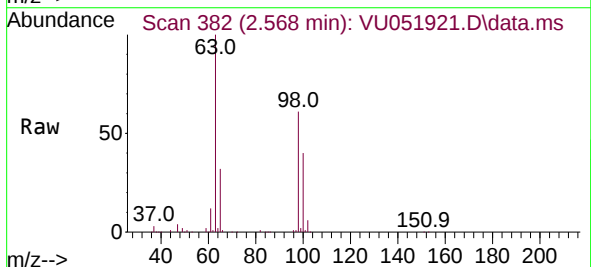
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J0

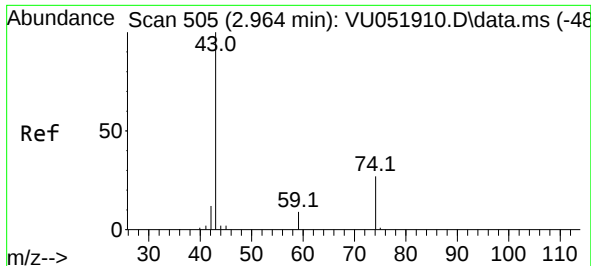
Tgt Ion:101 Resp: 8841
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.106 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU051921.D
 Acq: 18 Nov 2022 23:29

Tgt Ion:101 Resp: 1832
 Ion Ratio Lower Upper
 101 100
 85 16.2 33.8 50.6#
 151 15.3 58.6 88.0#

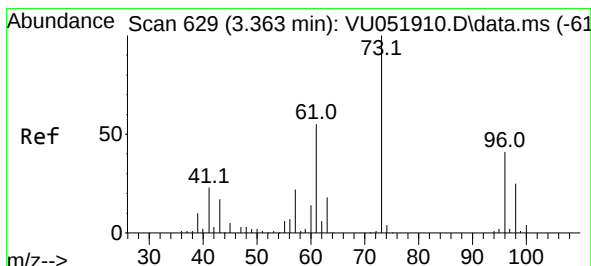
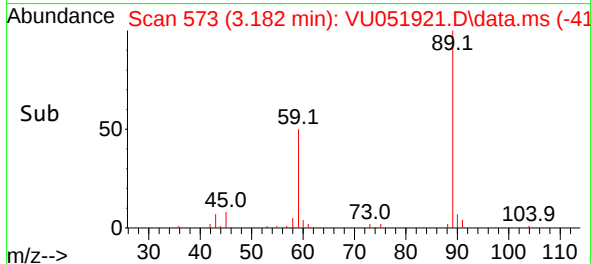
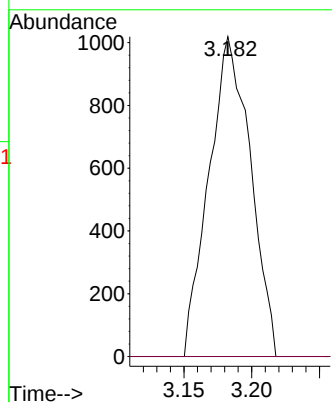
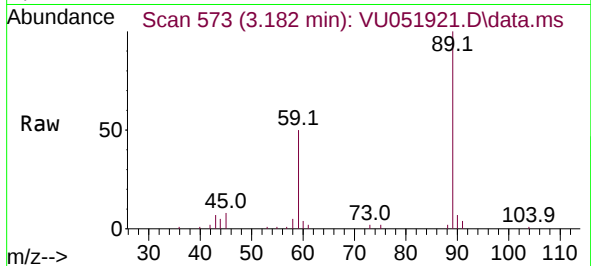




#15
Methyl Acetate
Concen: 0.296 ug/L
RT: 3.182 min Scan# 51
Delta R.T. 0.219 min
Lab File: VU051921.D
Acq: 18 Nov 2022 23:29

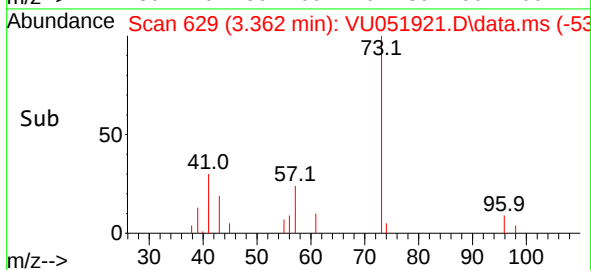
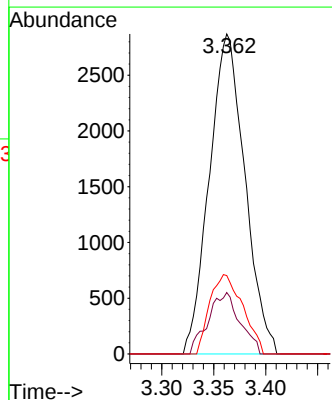
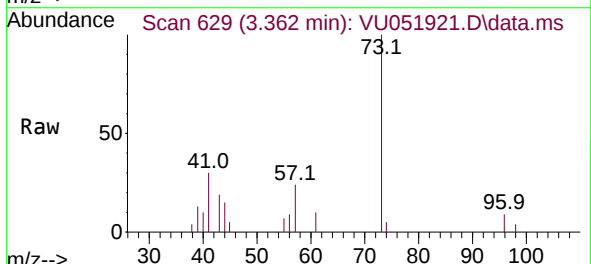
Instrument :
MSVOA_U
ClientSampleId :
BH1J0

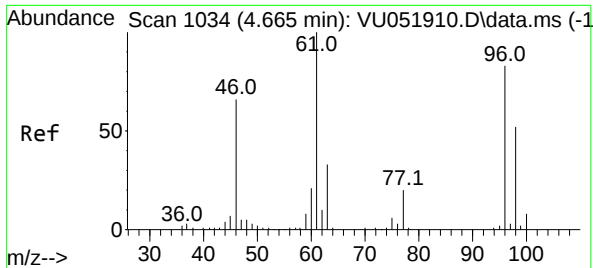
Tgt Ion: 43 Resp: 2173
Ion Ratio Lower Upper
43 100
74 0.0 21.3 31.9#



#17
Methyl tert-butyl Ether
Concen: 0.178 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU051921.D
Acq: 18 Nov 2022 23:29

Tgt Ion: 73 Resp: 6830
Ion Ratio Lower Upper
73 100
43 17.2 13.2 19.8
57 23.0 17.8 26.8

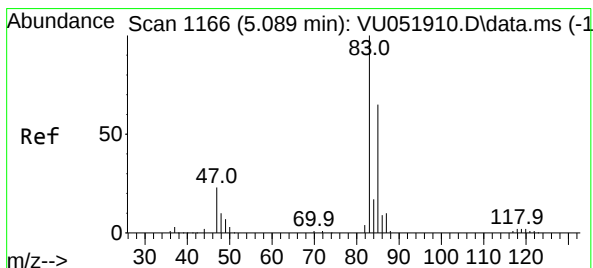
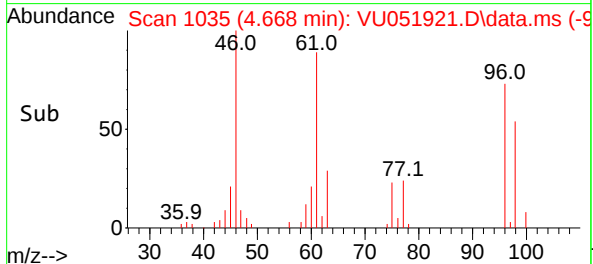
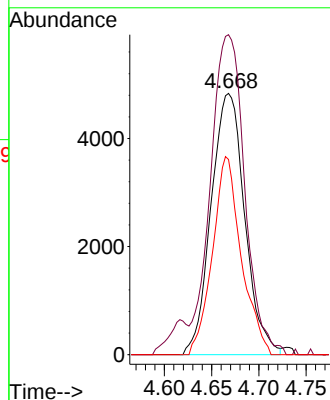
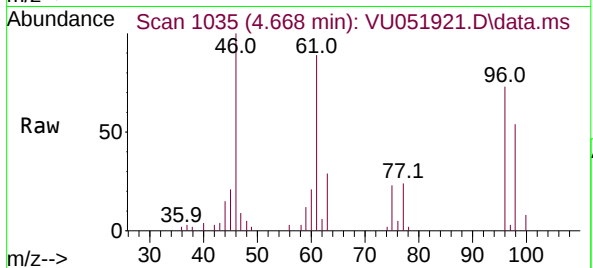




#22
 cis-1,2-Dichloroethene
 Concen: 0.619 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VU051921.D
 Acq: 18 Nov 2022 23:29

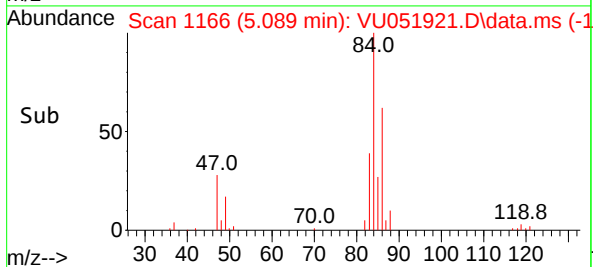
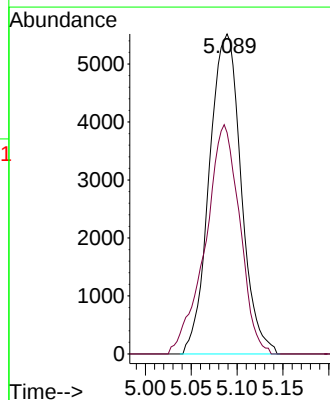
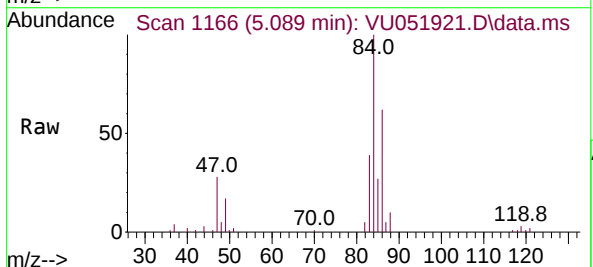
Instrument :
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 ClientSampleId :
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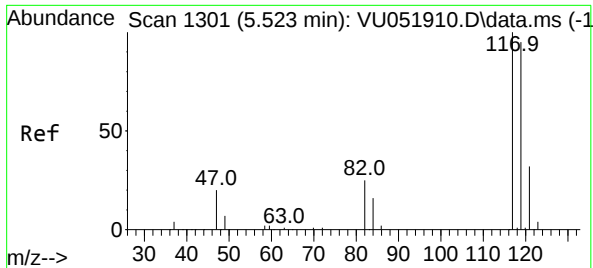
Tgt Ion: 96	Resp:	11955	
Ion	Ratio	Lower	Upper
96	100		
61	122.4	85.1	158.1
98	74.7	42.8	79.6



#25
 Chloroform
 Concen: 0.396 ug/L
 RT: 5.089 min Scan# 1166
 Delta R.T. -0.000 min
 Lab File: VU051921.D
 Acq: 18 Nov 2022 23:29

Tgt Ion: 83	Resp:	13310	
Ion Ratio	Lower	Upper	
83	100		
85	69.1	43.8	81.4

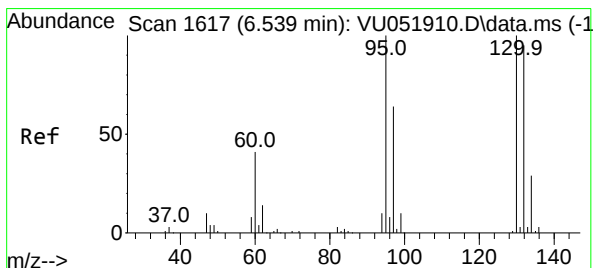
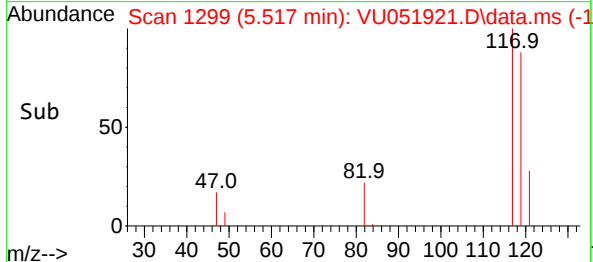
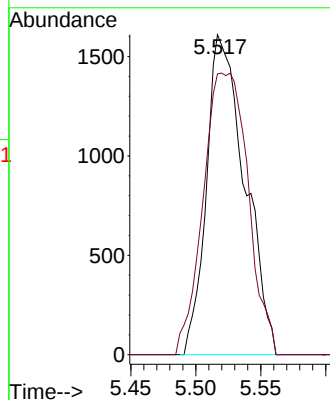
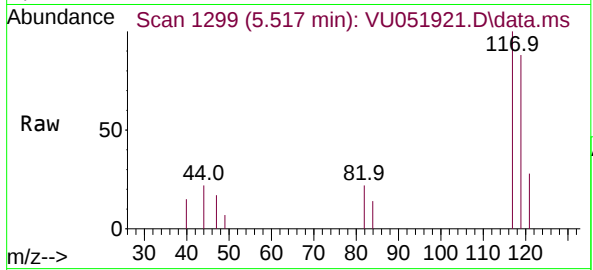




#31
Carbon tetrachloride
Concen: 0.144 ug/L
RT: 5.517 min Scan# 117
Delta R.T. -0.007 min
Lab File: VU051921.D
Acq: 18 Nov 2022 23:29

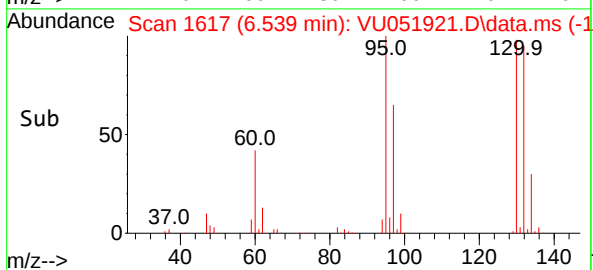
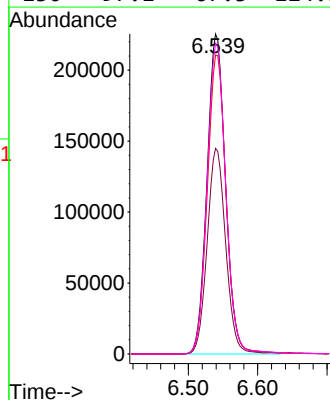
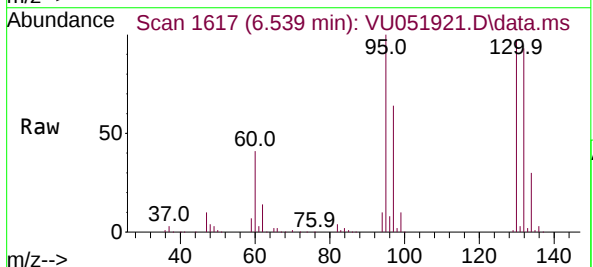
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ClientSampleId :
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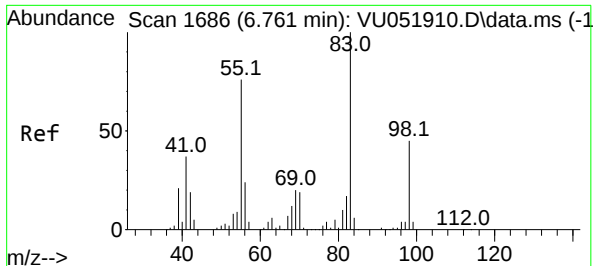
Tgt Ion:117 Resp: 3302
Ion Ratio Lower Upper
117 100
119 103.1 77.2 115.8



#34
Trichloroethene
Concen: 21.320 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051921.D
Acq: 18 Nov 2022 23:29

Tgt Ion: 95 Resp: 419546
Ion Ratio Lower Upper
95 100
97 64.3 43.7 81.1
132 93.4 64.3 119.3
130 97.1 67.3 124.9





#35

Methylcyclohexane

Concen: 0.889 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU051921.D

Acq: 18 Nov 2022 23:29

Instrument :

MSVOA_U

ClientSampleId :

BH1J0

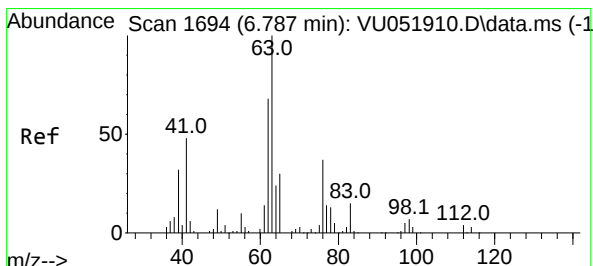
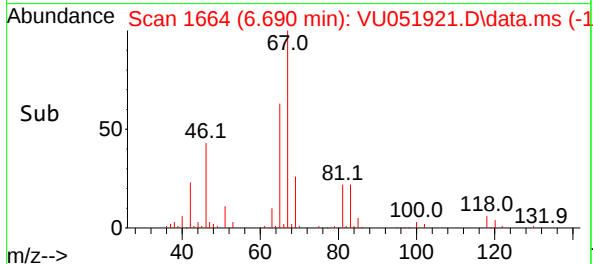
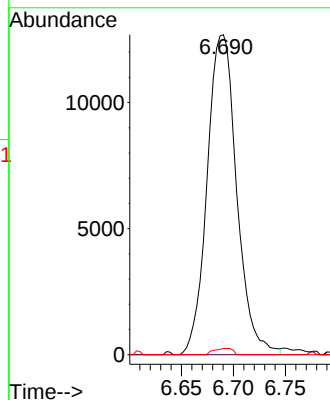
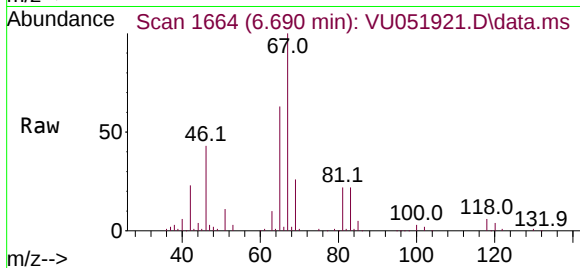
Tgt Ion: 83 Resp: 25154

Ion Ratio Lower Upper

83 100

55 0.2 60.8 91.2#

98 1.2 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU051921.D

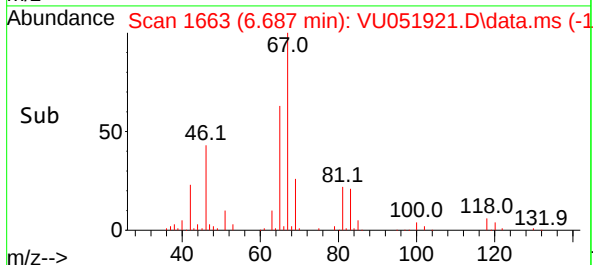
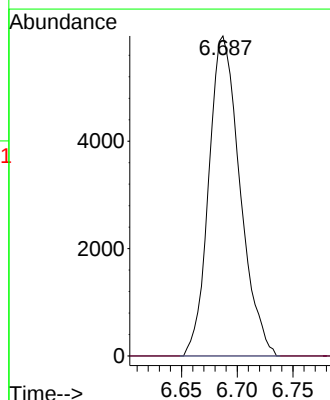
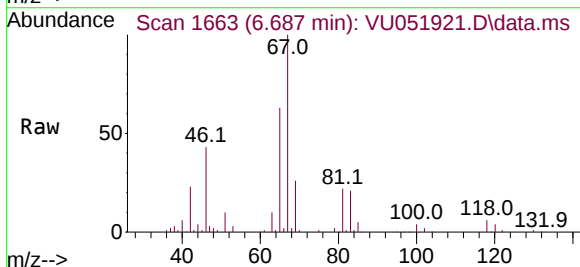
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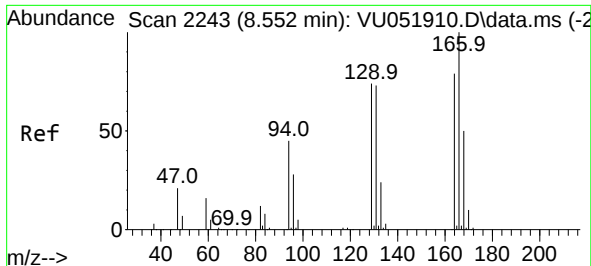
Tgt Ion: 63 Resp: 11634

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

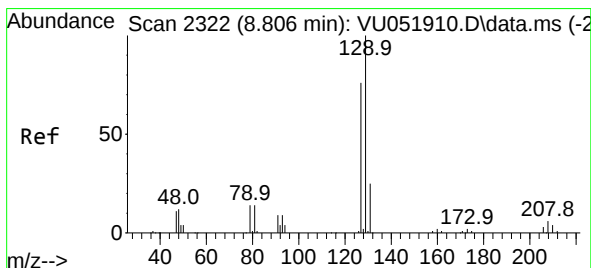
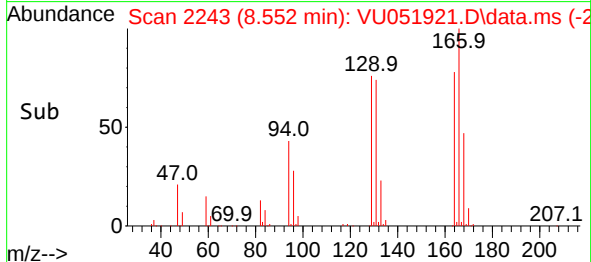
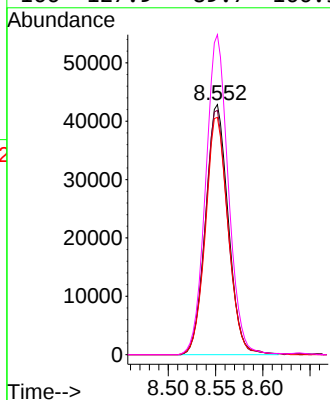
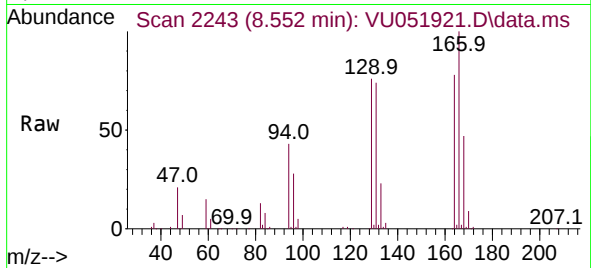




#47
Tetrachloroethene
Concen: 4.748 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051921.D
Acq: 18 Nov 2022 23:29

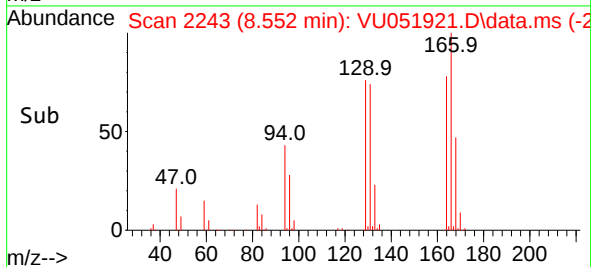
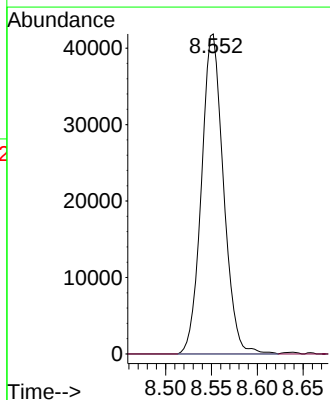
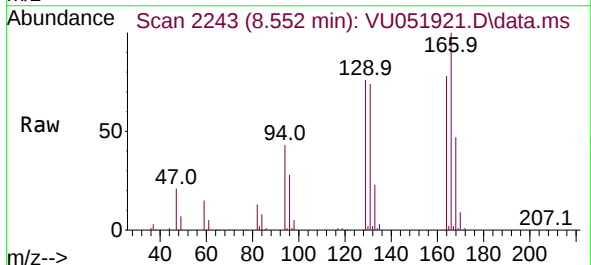
Instrument :
MSVOA_U
ClientSampleId :
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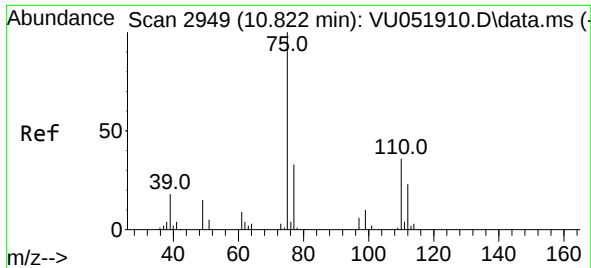
Tgt Ion:164	Resp:	71604
Ion Ratio	Lower	Upper
164	100	
129	97.7	67.4 125.2
131	94.9	67.1 124.7
166	127.9	89.7 166.5



#49
Dibromochloromethane
Concen: 4.065 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU051921.D
Acq: 18 Nov 2022 23:29

Tgt Ion:129	Resp:	69888
Ion Ratio	Lower	Upper
129	100	
127	0.0	52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.035 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU051921.D
 Acq: 18 Nov 2022 23:29

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J0

Tgt Ion: 75 Resp: 11133
 Ion Ratio Lower Upper
 75 100
 110 1.7 28.3 42.5#
 77 32.4 26.2 39.2

