

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
 Data File : VU058168.D
 Acq On : 19 Mar 2024 22:15
 Operator : MD/SY
 Sample : P1796-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 20 05:24:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 20 05:19:57 2024
 Response via : Initial Calibration

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

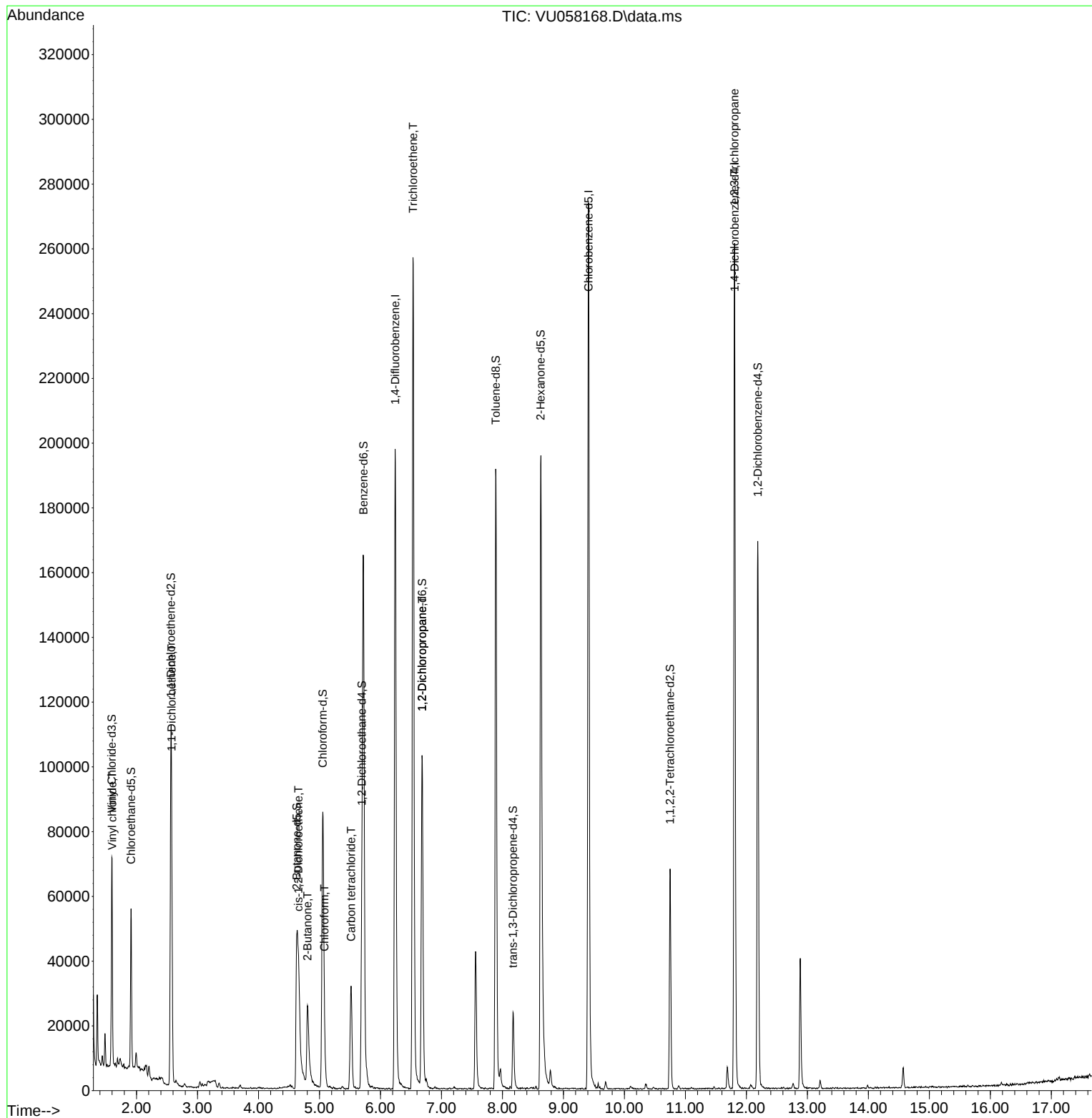
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	159898	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153416	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67212	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36044	3.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.911	69	34078	3.604	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.000%
11) 1,1-Dichloroethene-d2	2.563	65	17098	3.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	4.628	46	98262	51.838	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.680%
24) Chloroform-d	5.055	84	79759	3.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
26) 1,2-Dichloroethane-d4	5.695	65	40841	4.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.721	84	155382	3.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.600%#
36) 1,2-Dichloropropane-d6	6.682	67	51773	3.809	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.200%
41) Toluene-d8	7.891	98	132433	3.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.400%#
43) trans-1,3-Dichloroprop...	8.174	79	15632	3.345	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.800%
46) 2-Hexanone-d5	8.627	63	75144	47.886	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.780%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	35237	4.228	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	43638	3.942	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.800%#
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	1973	0.162	ug/L #	70
12) 1,1-Dichloroethene	2.576	96	15848	1.643	ug/L #	69
21) 2-Butanone	4.804	43	39384	17.718	ug/L #	49
22) cis-1,2-Dichloroethene	4.656	96	8895	0.769	ug/L	96
25) Chloroform	5.081	83	7579	0.354	ug/L	93
31) Carbon tetrachloride	5.518	117	22231	1.401	ug/L	97
34) Trichloroethene	6.534	95	93516	7.550	ug/L	97
37) 1,2-Dichloropropane	6.682	63	5889	0.485	ug/L #	89
61) 1,2,3-Trichloropropane	11.804	75	9522	1.729	ug/L #	69

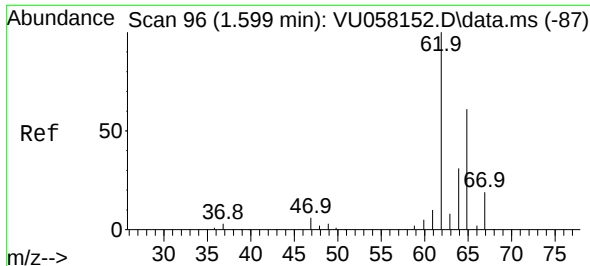
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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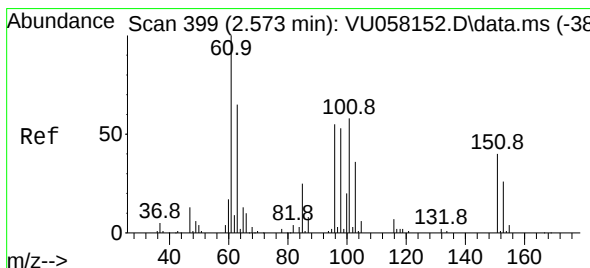
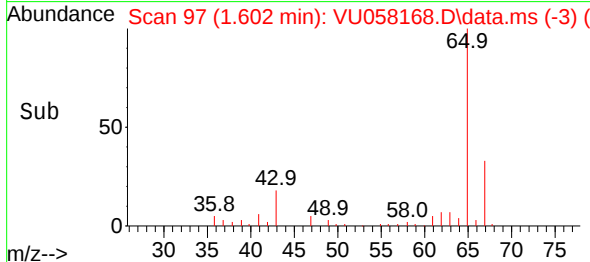
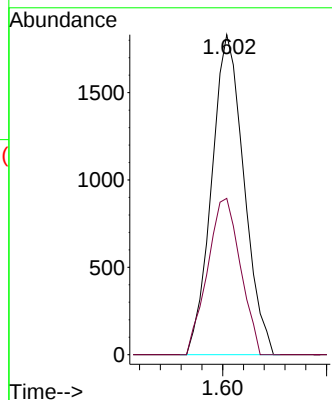
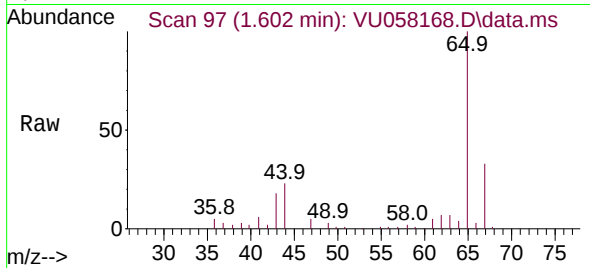




#5
 Vinyl chloride
 Concen: 0.162 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VU058168.D
 Acq: 19 Mar 2024 22:15

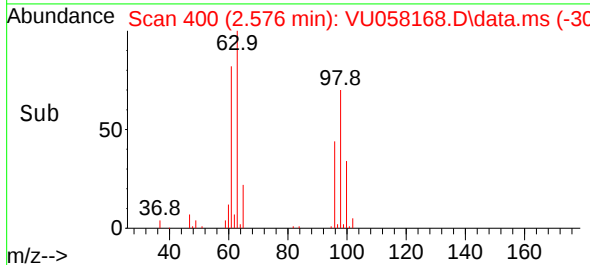
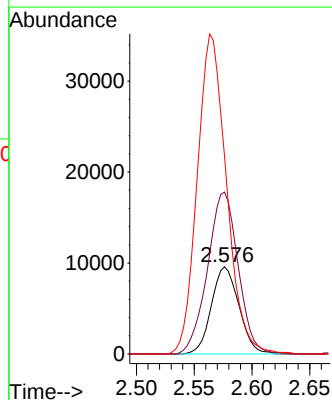
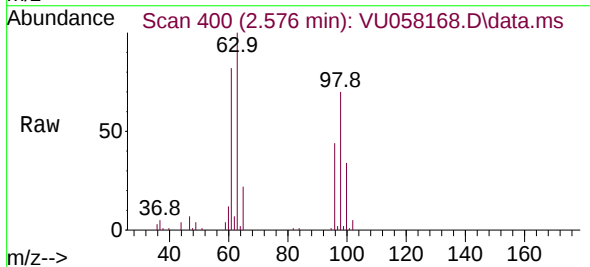
Instrument :
 MSVOA_U
 ClientSampleId :

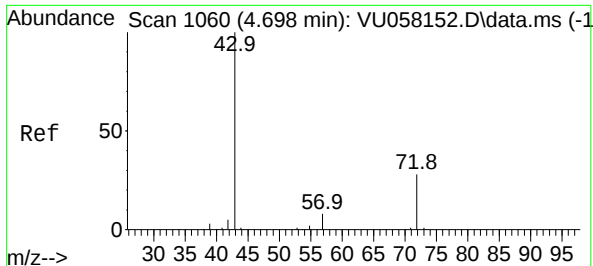
Tgt Ion: 62 Resp: 1973
 Ion Ratio Lower Upper
 62 100
 64 48.9 22.5 41.7#



#12
 1,1-Dichloroethene
 Concen: 1.643 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU058168.D
 Acq: 19 Mar 2024 22:15

Tgt Ion: 96 Resp: 15848
 Ion Ratio Lower Upper
 96 100
 61 185.7 131.8 244.8
 63 227.0 98.1 182.1#

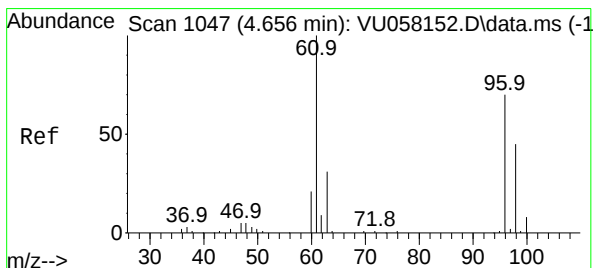
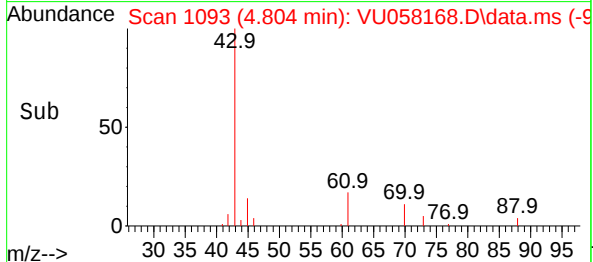
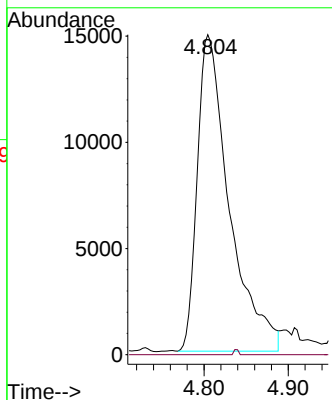
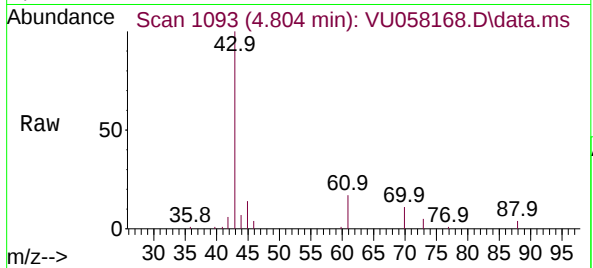




#21
2-Butanone
Concen: 17.718 ug/L
RT: 4.804 min Scan# 1093
Delta R.T. 0.106 min
Lab File: VU058168.D
Acq: 19 Mar 2024 22:15

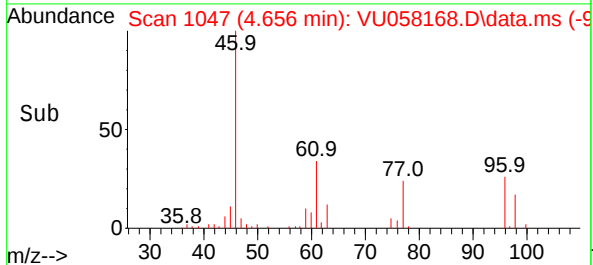
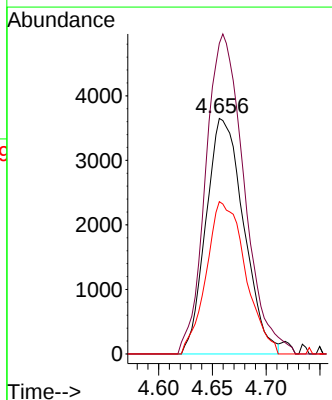
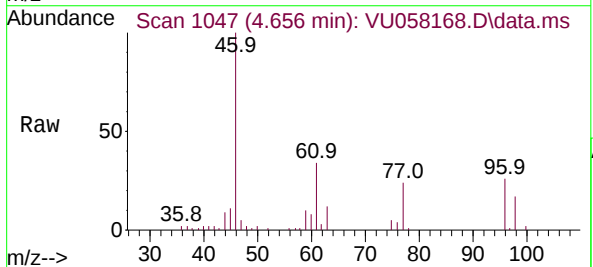
Instrument :
MSVOA_U
ClientSampleId :

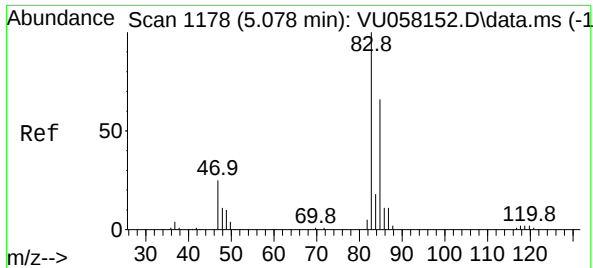
Tgt Ion: 43 Resp: 39384
Ion Ratio Lower Upper
43 100
72 0.2 13.0 39.0#



#22
cis-1,2-Dichloroethene
Concen: 0.769 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU058168.D
Acq: 19 Mar 2024 22:15

Tgt Ion: 96 Resp: 8895
Ion Ratio Lower Upper
96 100
61 131.8 97.2 180.4
98 64.7 45.5 84.5

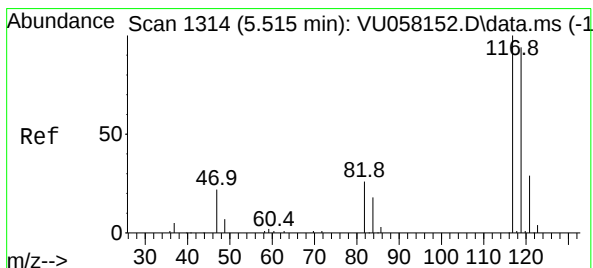
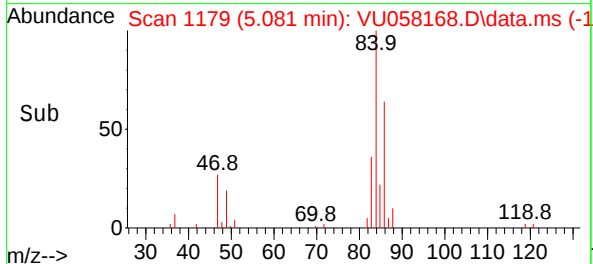
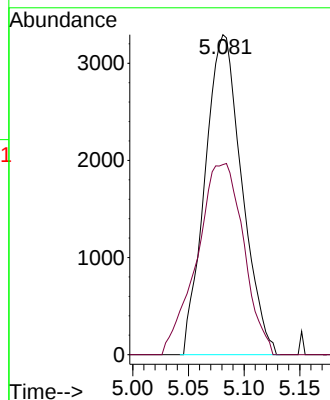
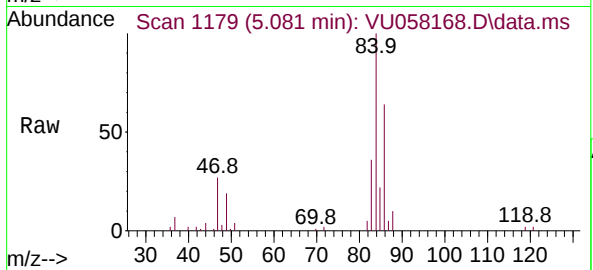




#25
Chloroform
Concen: 0.354 ug/L
RT: 5.081 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VU058168.D
Acq: 19 Mar 2024 22:15

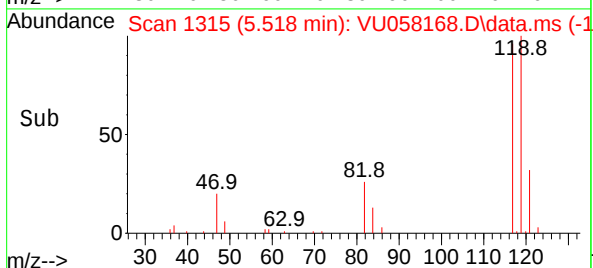
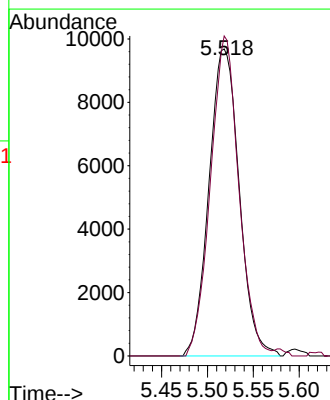
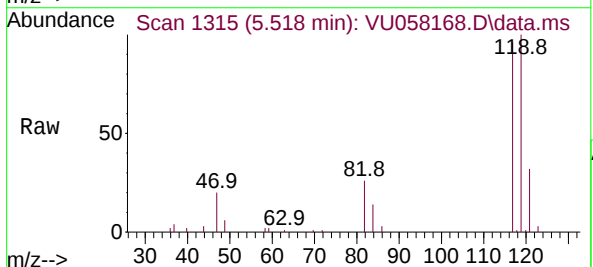
Instrument :
MSVOA_U
ClientSampleId :

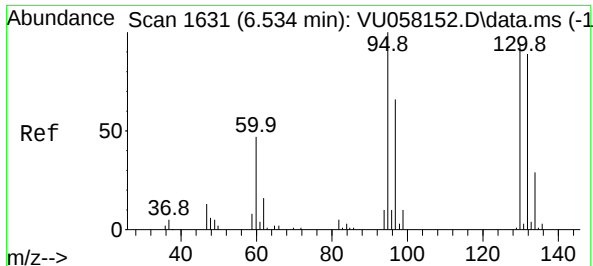
Tgt Ion: 83 Resp: 7579
Ion Ratio Lower Upper
83 100
85 59.4 45.4 84.4



#31
Carbon tetrachloride
Concen: 1.401 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.003 min
Lab File: VU058168.D
Acq: 19 Mar 2024 22:15

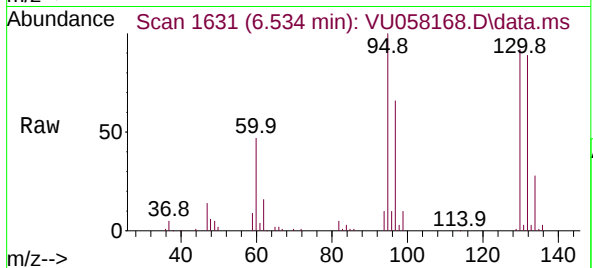
Tgt Ion: 117 Resp: 22231
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8



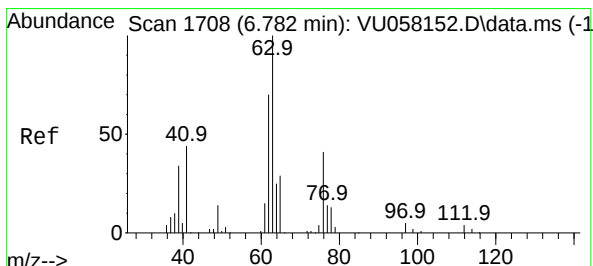
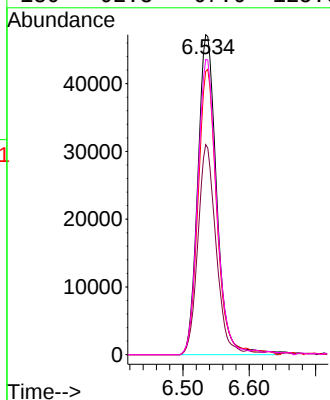
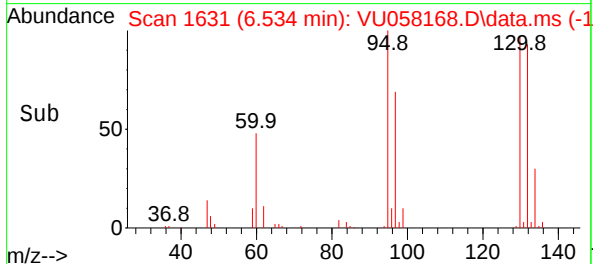


#34
Trichloroethene
Concen: 7.550 ug/L
RT: 6.534 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU058168.D
Acq: 19 Mar 2024 22:15

Instrument :
MSVOA_U
ClientSampleId :

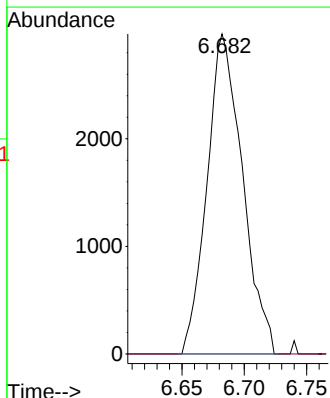
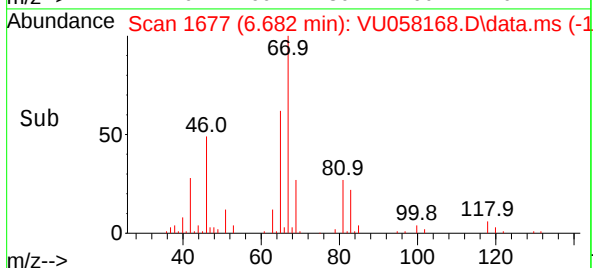
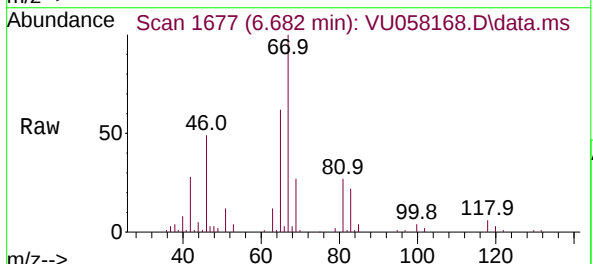


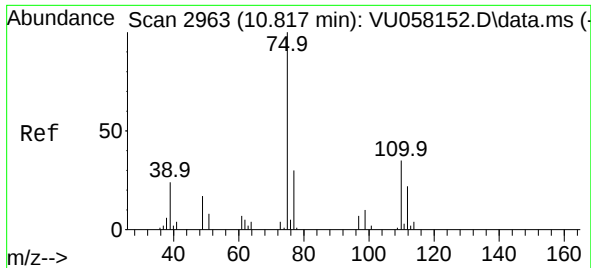
Tgt Ion: 95 Resp: 93516
Ion Ratio Lower Upper
95 100
97 65.7 45.3 84.1
132 88.5 63.1 117.1
130 92.3 67.6 125.6



#37
1,2-Dichloropropane
Concen: 0.485 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU058168.D
Acq: 19 Mar 2024 22:15

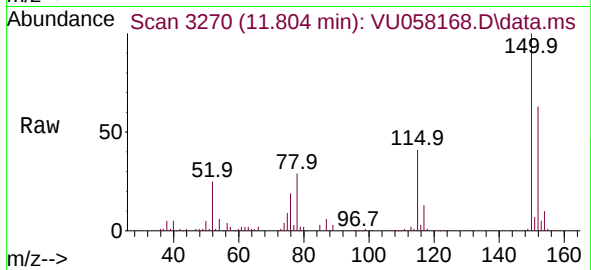
Tgt Ion: 63 Resp: 5889
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#61
1,2,3-Trichloropropane
Concen: 1.729 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU058168.D
Acq: 19 Mar 2024 22:15

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 9522
Ion Ratio Lower Upper
75 100
110 1.9 28.0 42.0#
77 30.6 24.7 37.1

