

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055151.D
 Acq On : 06 Sep 2023 19:36
 Operator : MD/SY
 Sample : 04230-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 20:42:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

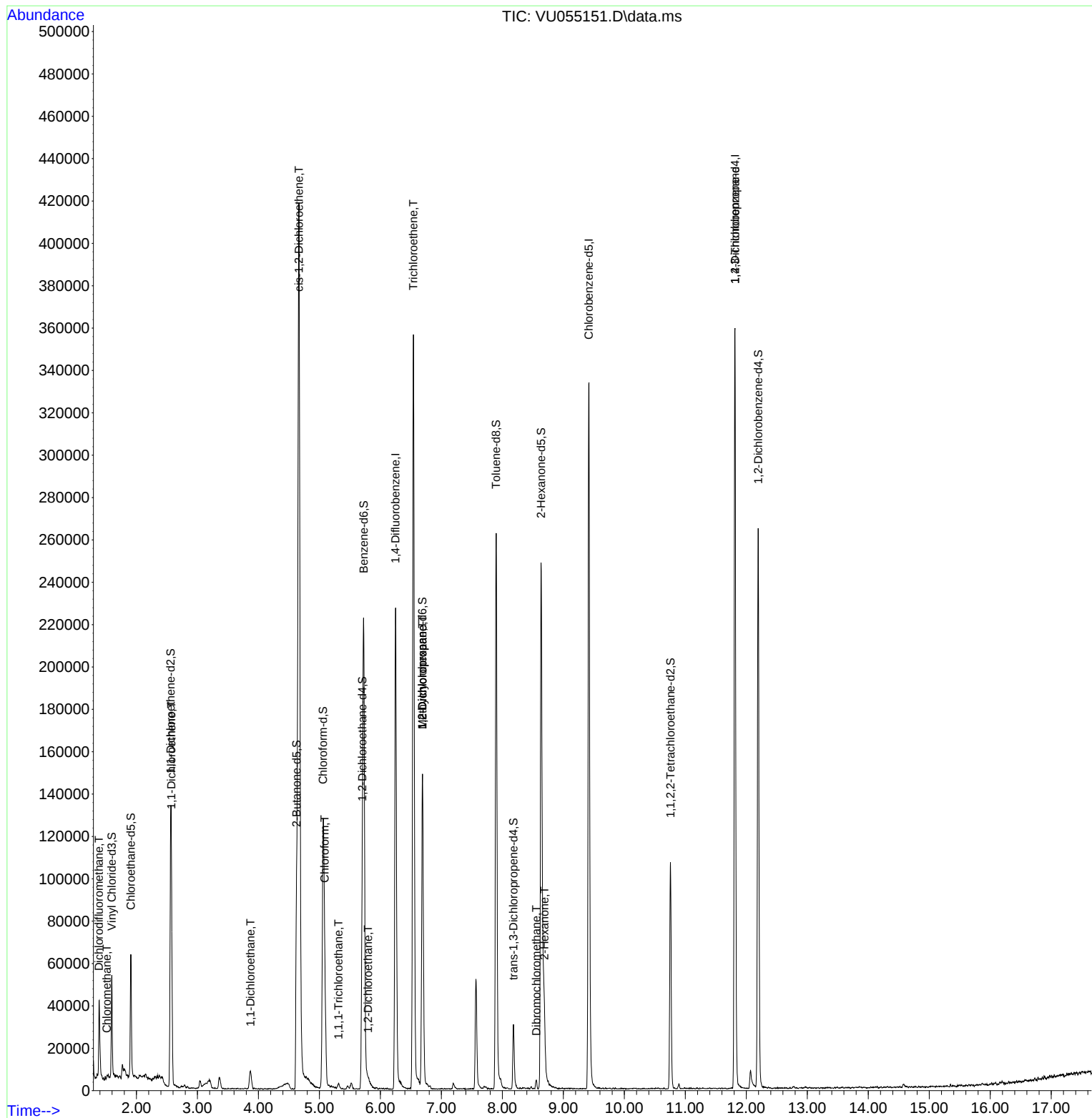
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	175139	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	182075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	93551	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31700	3.862	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.908	69	40098	4.220	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.560	65	19920	4.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.624	46	136679	57.379	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.760%
24) Chloroform-d	5.059	84	108086	4.962	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.702	65	56904	5.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.724	84	203472	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.689	67	69624	4.871	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.898	98	177492	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.181	79	17030	4.326	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.634	63	77401	48.431	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.860%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52025	5.175	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	69314	5.076	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	1614	0.159	ug/L	100
3) Chloromethane	1.512	50	1604	0.155	ug/L #	71
12) 1,1-Dichloroethene	2.573	96	18134	2.240	ug/L #	46
19) 1,1-Dichloroethane	3.869	63	10261	0.578	ug/L #	88
22) cis-1,2-Dichloroethene	4.663	96	202474	20.135	ug/L	99
25) Chloroform	5.084	83	40017	2.164	ug/L	96
27) 1,2-Dichloroethane	5.798	62	1823	0.162	ug/L #	76
29) 1,1,1-Trichloroethane	5.313	97	2068	0.131	ug/L #	70
34) Trichloroethene	6.541	95	120906	11.227	ug/L	97
35) Methylcyclohexane	6.689	83	15752	1.042	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	8254	0.782	ug/L #	88
48) 2-Hexanone	8.689	43	22295	4.730	ug/L	89
49) Dibromochloromethane	8.557	129	986	0.127	ug/L #	9
61) 1,2,3-Trichloropropane	11.814	75	13224	2.130	ug/L #	69

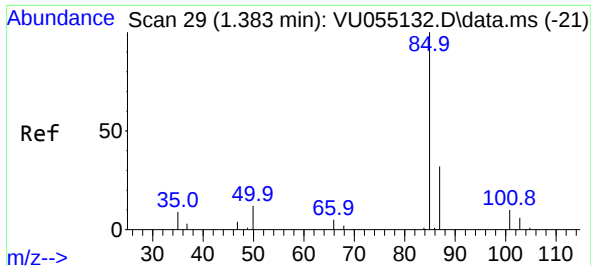
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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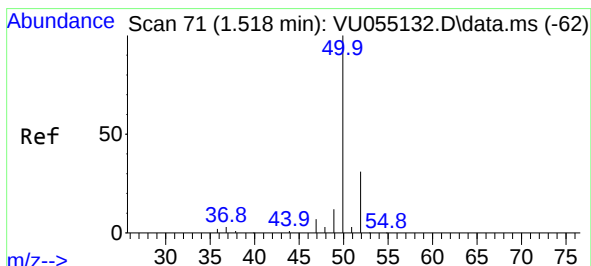
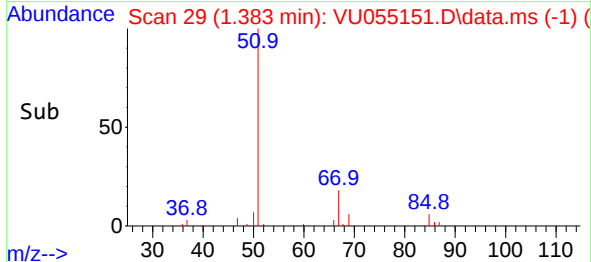
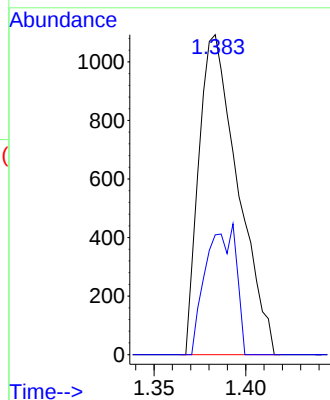
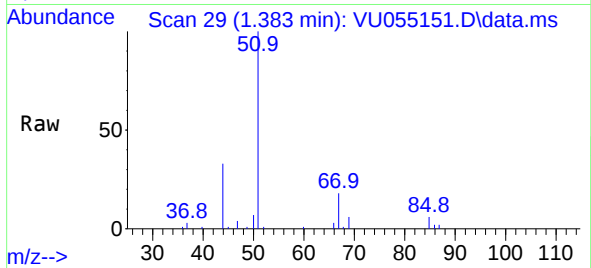




#2
Dichlorodifluoromethane
Concen: 0.159 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU055151.D
Acq: 06 Sep 2023 19:36

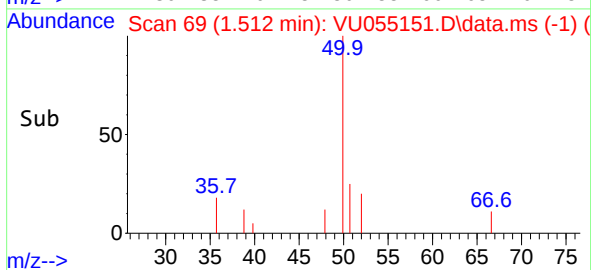
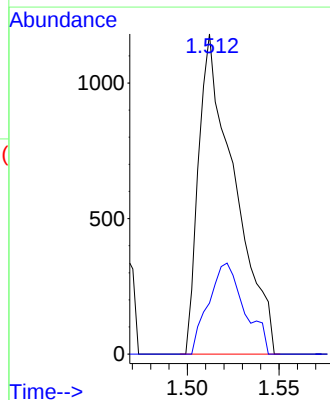
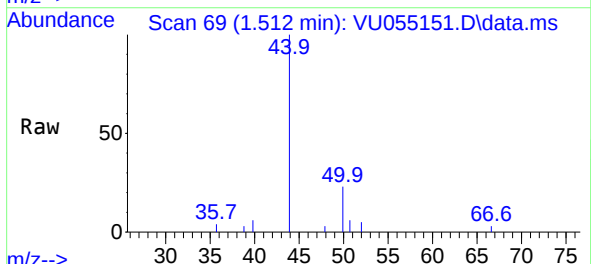
Instrument :
MSVOA_U
ClientSampleId :

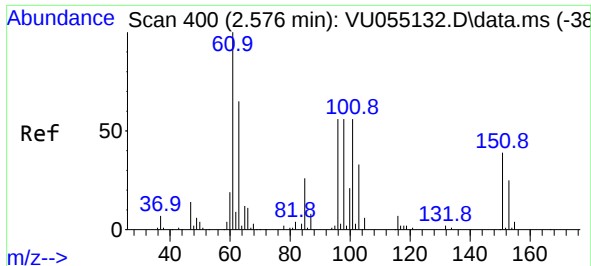
Tgt Ion: 85 Resp: 1614
Ion Ratio Lower Upper
85 100
87 31.3 25.1 37.7



#3
Chloromethane
Concen: 0.155 ug/L
RT: 1.512 min Scan# 69
Delta R.T. -0.003 min
Lab File: VU055151.D
Acq: 06 Sep 2023 19:36

Tgt Ion: 50 Resp: 1604
Ion Ratio Lower Upper
50 100
52 15.9 22.5 41.7#

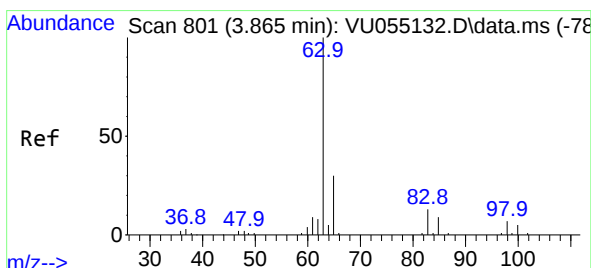
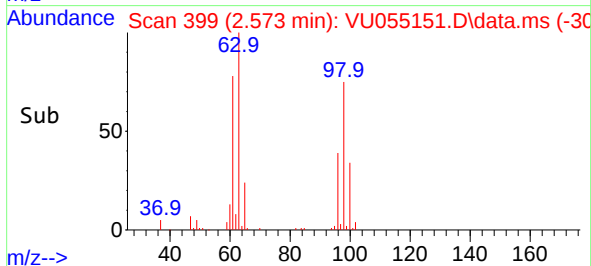
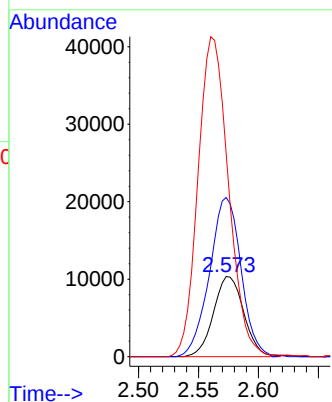
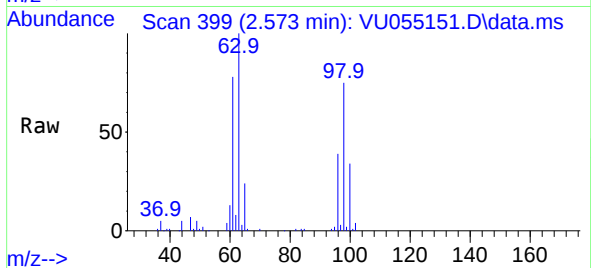




#12
1,1-Dichloroethene
Concen: 2.240 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU055151.D
Acq: 06 Sep 2023 19:36

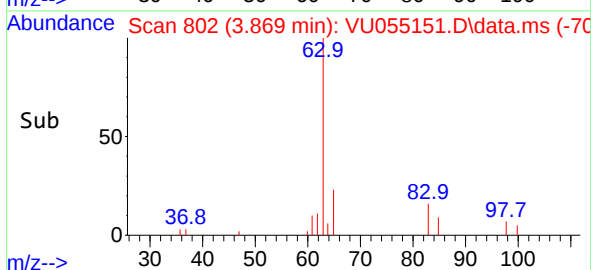
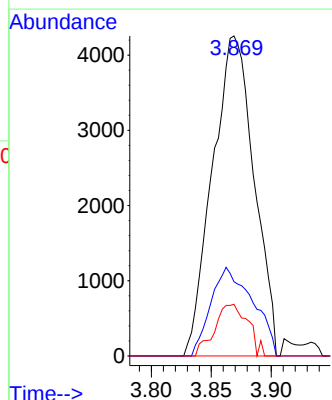
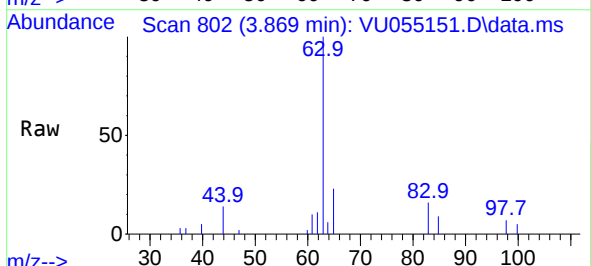
Instrument :
MSVOA_U
ClientSampleId :

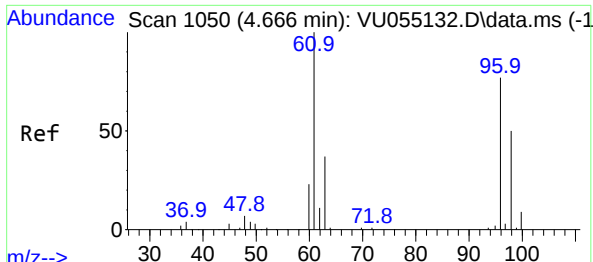
Tgt Ion: 96 Resp: 18134
Ion Ratio Lower Upper
96 100
61 198.6 120.8 224.4
63 254.2 94.5 175.5#



#19
1,1-Dichloroethane
Concen: 0.578 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU055151.D
Acq: 06 Sep 2023 19:36

Tgt Ion: 63 Resp: 10261
Ion Ratio Lower Upper
63 100
65 21.8 22.2 41.2#
83 15.2 10.6 19.8

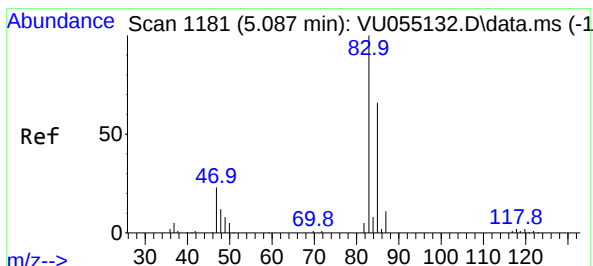
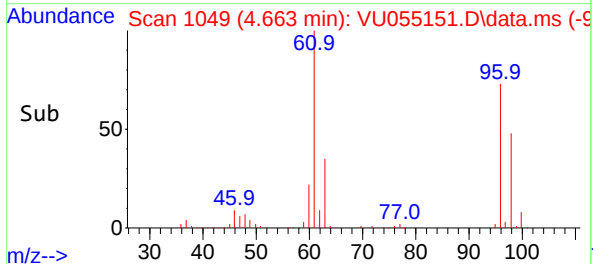
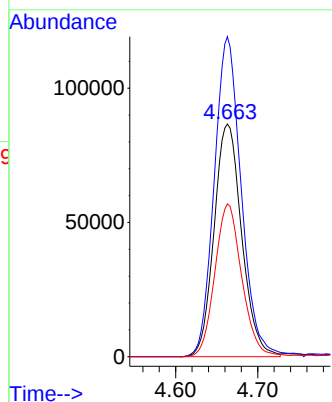
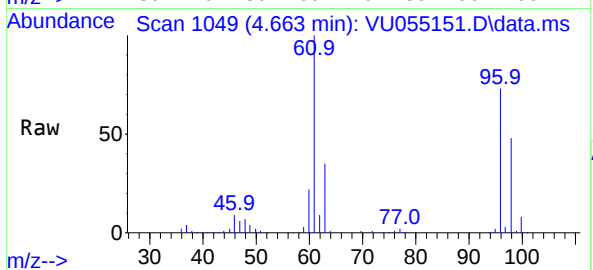




#22
cis-1,2-Dichloroethene
Concen: 20.135 ug/L
RT: 4.663 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VU055151.D
Acq: 06 Sep 2023 19:36

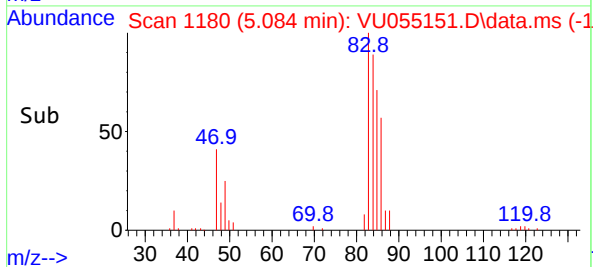
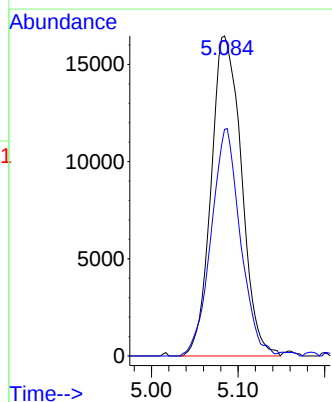
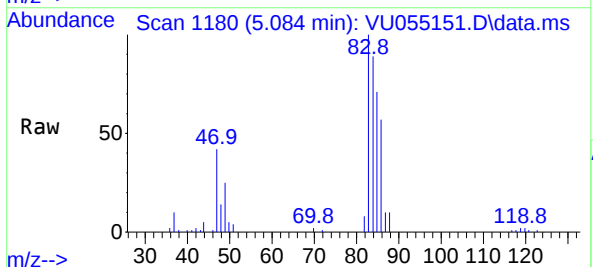
Instrument :
MSVOA_U
ClientSampleId :

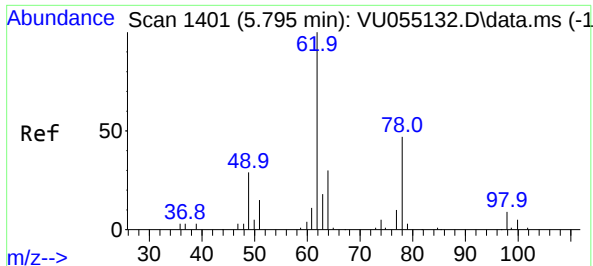
Tgt Ion: 96 Resp: 202474
Ion Ratio Lower Upper
96 100
61 137.5 97.2 180.4
98 65.7 46.1 85.7



#25
Chloroform
Concen: 2.164 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.003 min
Lab File: VU055151.D
Acq: 06 Sep 2023 19:36

Tgt Ion: 83 Resp: 40017
Ion Ratio Lower Upper
83 100
85 70.8 47.2 87.6

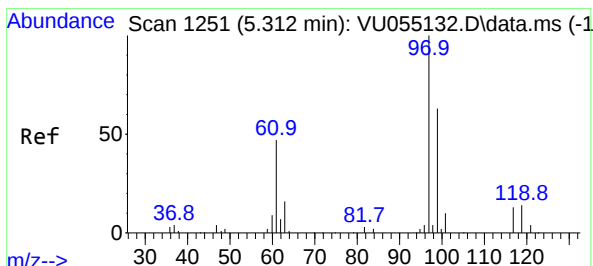
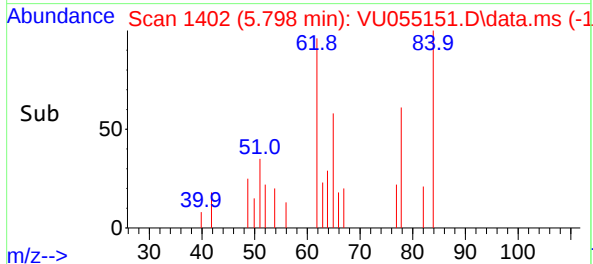
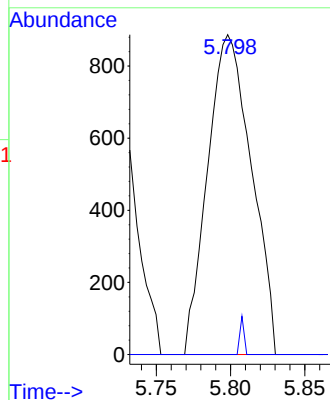
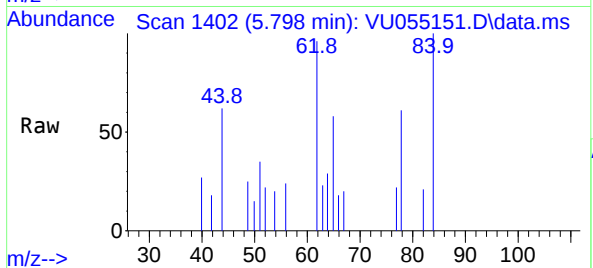




#27
1,2-Dichloroethane
Concen: 0.162 ug/L
RT: 5.798 min Scan# 1401
Delta R.T. 0.003 min
Lab File: VU055151.D
Acq: 06 Sep 2023 19:36

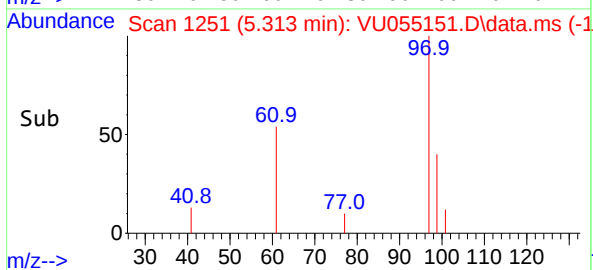
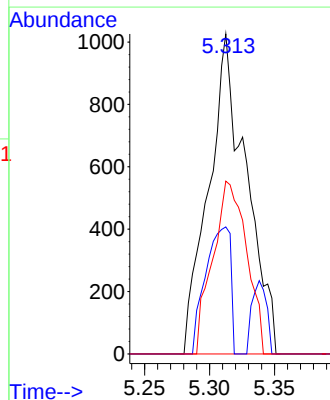
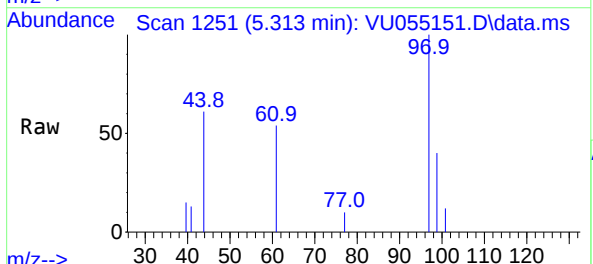
Instrument :
MSVOA_U
ClientSampleId :

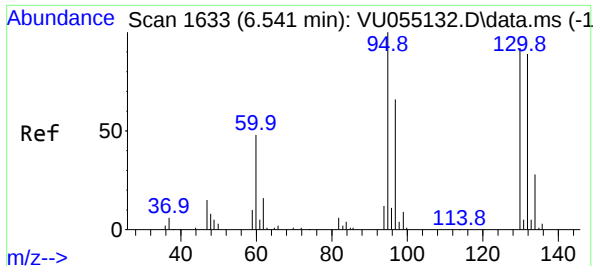
Tgt Ion: 62 Resp: 1823
Ion Ratio Lower Upper
62 100
98 0.0 6.9 10.3#



#29
1,1,1-Trichloroethane
Concen: 0.131 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU055151.D
Acq: 06 Sep 2023 19:36

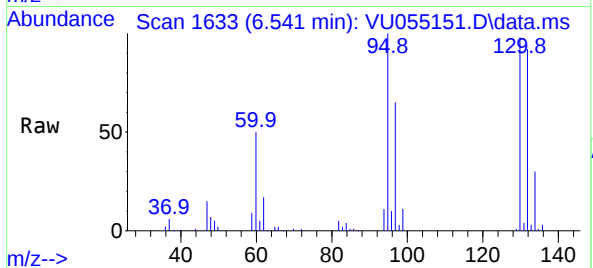
Tgt Ion: 97 Resp: 2068
Ion Ratio Lower Upper
97 100
99 26.3 51.8 77.8#
61 48.5 36.8 55.2



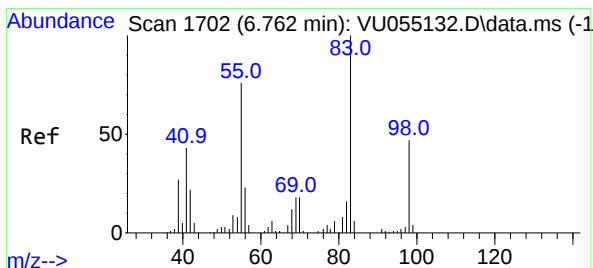
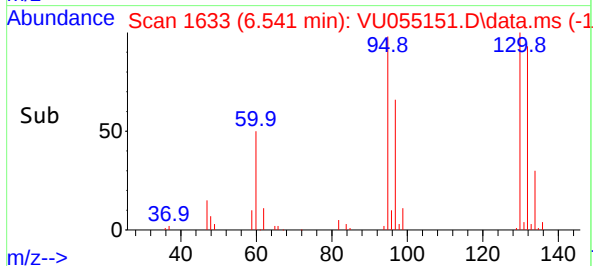
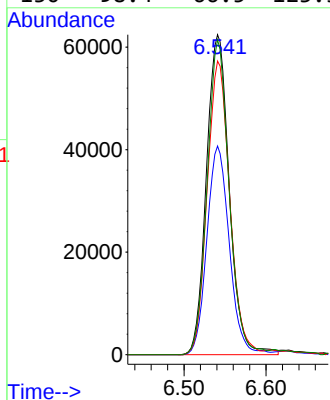


#34
Trichloroethene
Concen: 11.227 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055151.D
Acq: 06 Sep 2023 19:36

Instrument :
MSVOA_U
ClientSampleId :

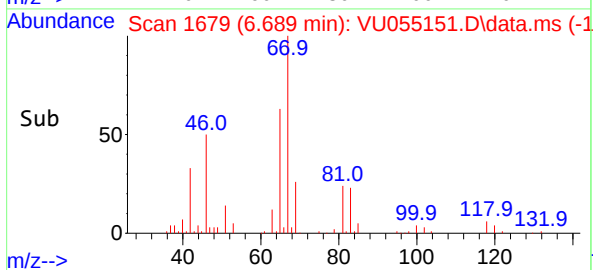
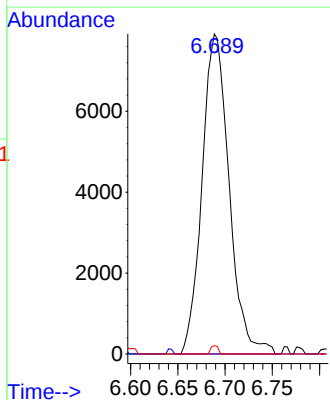
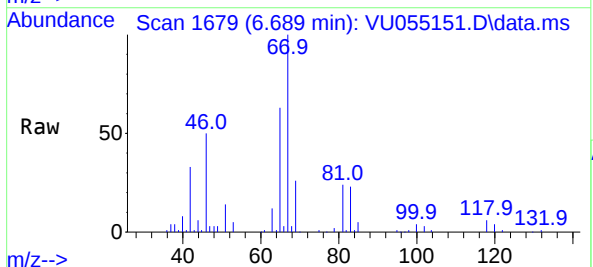


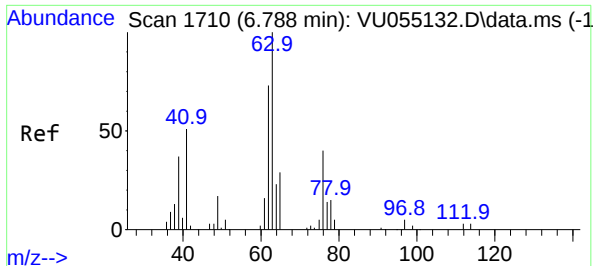
Tgt Ion: 95 Resp: 120906
Ion Ratio Lower Upper
95 100
97 65.2 44.7 83.1
132 91.8 66.6 123.6
130 98.4 66.5 123.5



#35
Methylcyclohexane
Concen: 1.042 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055151.D
Acq: 06 Sep 2023 19:36

Tgt Ion: 83 Resp: 15752
Ion Ratio Lower Upper
83 100
55 0.3 60.4 90.6#
98 0.0 35.3 52.9#

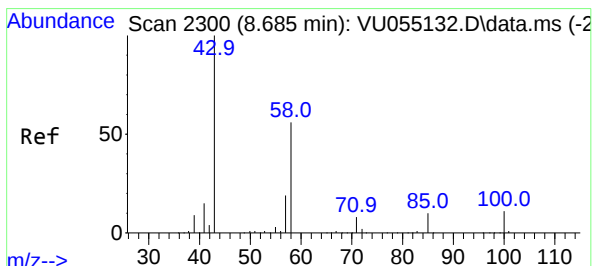
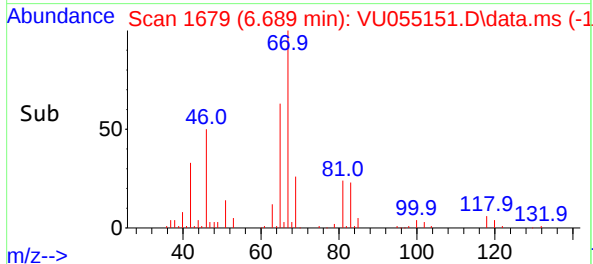
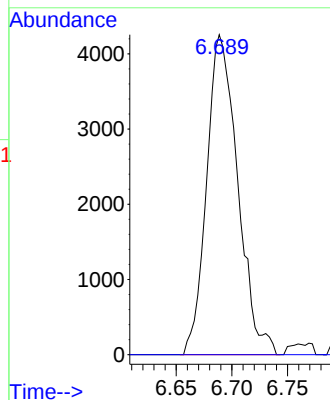
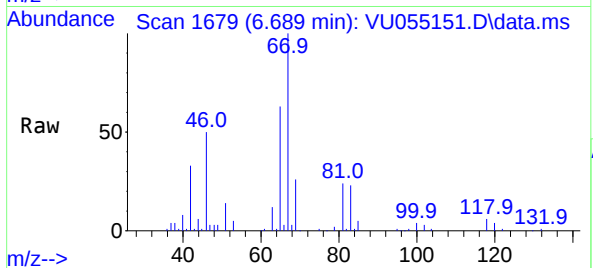




#37
1,2-Dichloropropane
Concen: 0.782 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU055151.D
Acq: 06 Sep 2023 19:36

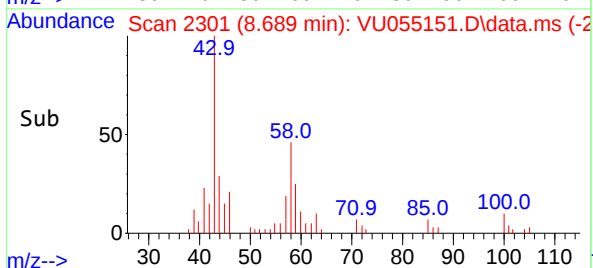
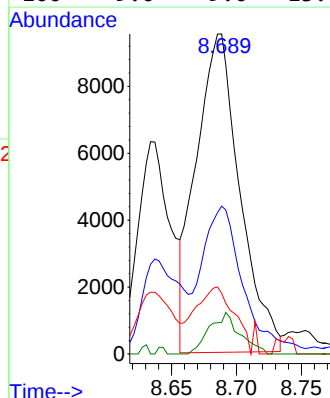
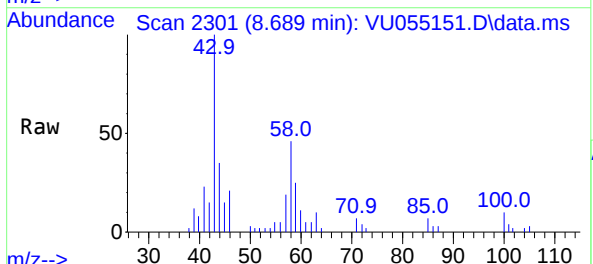
Instrument :
MSVOA_U
ClientSampleId :

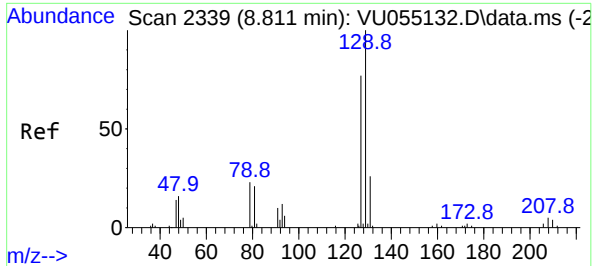
Tgt Ion: 63 Resp: 8254
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 4.730 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. 0.007 min
Lab File: VU055151.D
Acq: 06 Sep 2023 19:36

Tgt Ion: 43 Resp: 22295
Ion Ratio Lower Upper
43 100
58 44.2 44.0 66.0
57 19.1 16.2 24.2
100 9.0 9.0 13.4

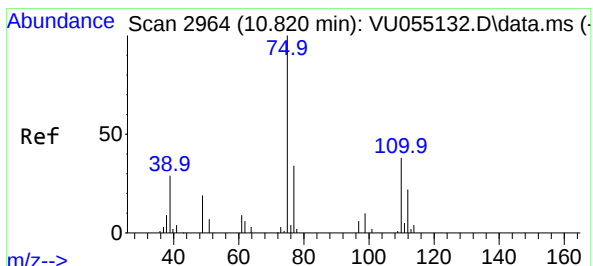
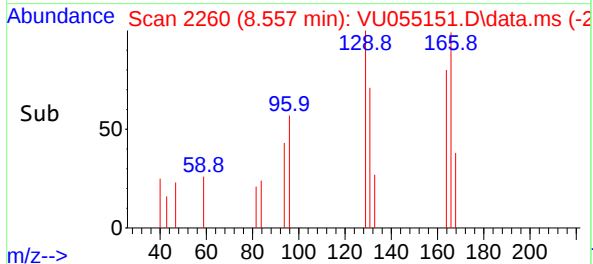
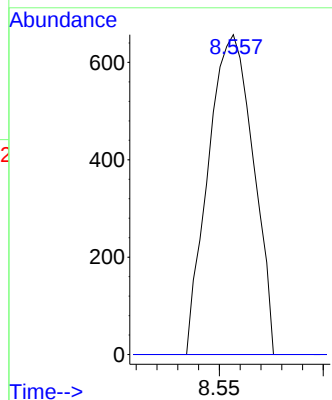
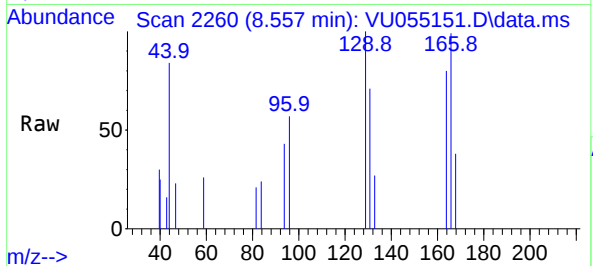




#49
Dibromochloromethane
Concen: 0.127 ug/L
RT: 8.557 min Scan# 21
Delta R.T. -0.251 min
Lab File: VU055151.D
Acq: 06 Sep 2023 19:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 986
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#



#61
1,2,3-Trichloropropane
Concen: 2.130 ug/L
RT: 11.814 min Scan# 3273
Delta R.T. 0.994 min
Lab File: VU055151.D
Acq: 06 Sep 2023 19:36

Tgt Ion: 75 Resp: 13224
Ion Ratio Lower Upper
75 100
110 1.5 28.2 42.2#
77 33.7 26.2 39.4

