

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056474.D
 Acq On : 18 Nov 2023 12:27
 Operator : MD/SY
 Sample : 05436-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 23:12:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

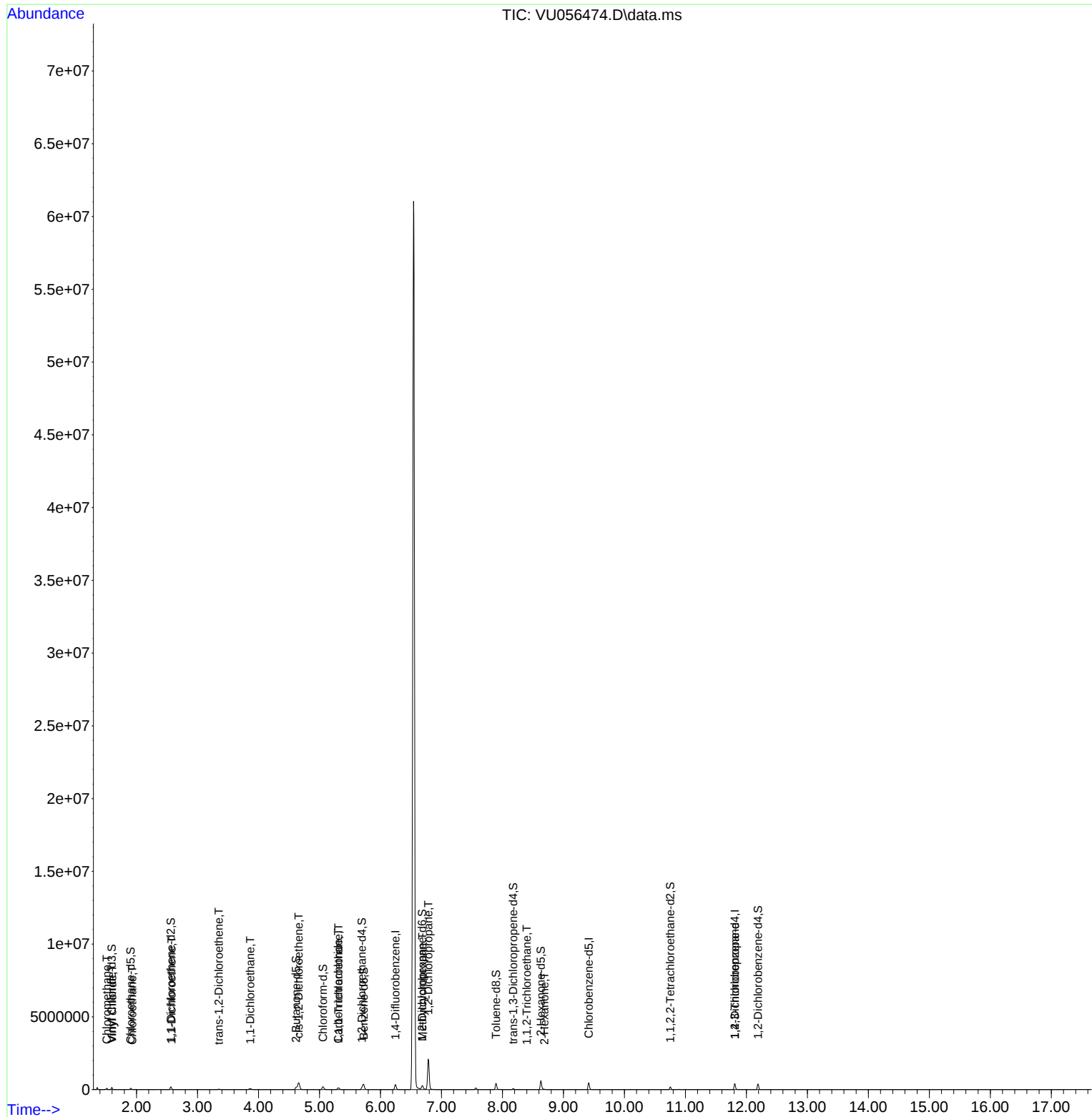
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	279643	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	272832	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	111141	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	73412	3.510	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.200%	
7) Chloroethane-d5	1.904	69	70670	4.407	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.200%	
11) 1,1-Dichloroethene-d2	2.563	65	35127	3.805	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.200%	
20) 2-Butanone-d5	4.618	46	246742	59.160	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.320%	
24) Chloroform-d	5.058	84	193870	4.792	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.695	65	100552	5.379	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.600%	
32) Benzene-d6	5.724	84	353242	4.346	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	6.685	67	116874	4.771	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.400%	
41) Toluene-d8	7.894	98	294682	4.105	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	8.177	79	42062	4.477	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.631	63	204778	55.459	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.920%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	92667	5.294	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	102916	5.013	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	60298	2.663	ug/L	96
5) Vinyl chloride	1.602	62	11555	0.530	ug/L #	72
8) Chloroethane	1.930	64	5492	0.412	ug/L #	78
12) 1,1-Dichloroethene	2.576	96	7403	0.432	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	14545	0.826	ug/L	99
19) 1,1-Dichloroethane	3.865	63	80700	2.313	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	240381	12.034	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	93193	2.976	ug/L	99
31) Carbon tetrachloride	5.309	117	12374	0.460	ug/L	93
35) Methylcyclohexane	6.689	83	28878	0.943	ug/L #	18
37) 1,2-Dichloropropane	6.785	63	801851	39.497	ug/L	100
45) 1,1,2-Trichloroethane	8.402	97	3101	0.229	ug/L	91
48) 2-Hexanone	8.688	43	8543	1.090	ug/L #	35
61) 1,2,3-Trichloropropane	11.810	75	13753	1.442	ug/L #	68

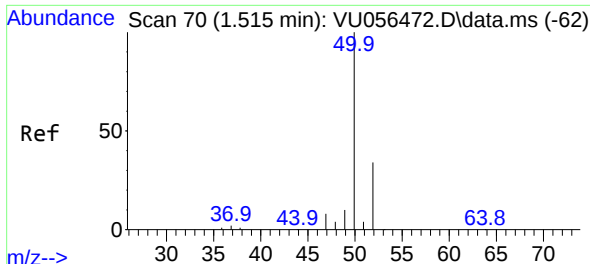
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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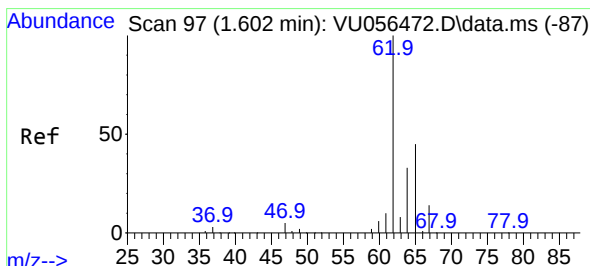
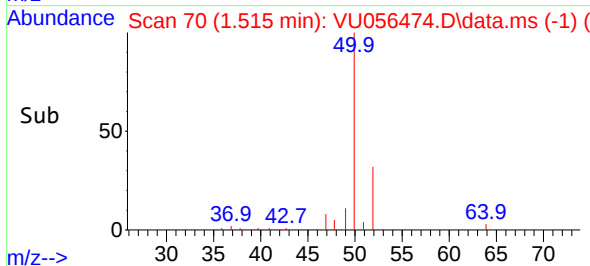
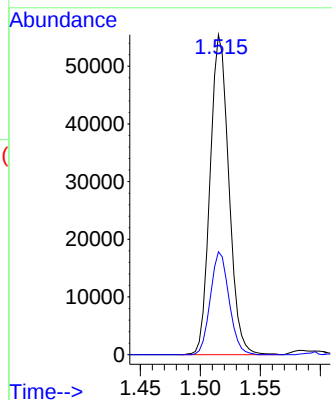
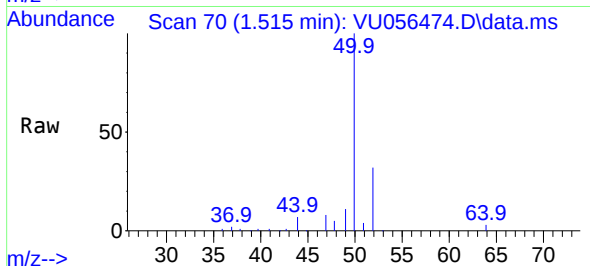




#3
Chloromethane
Concen: 2.663 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU056474.D
Acq: 18 Nov 2023 12:27

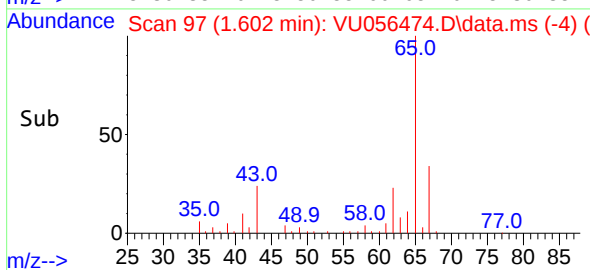
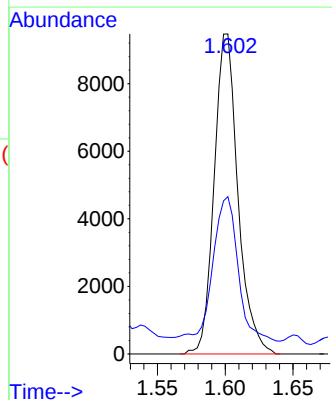
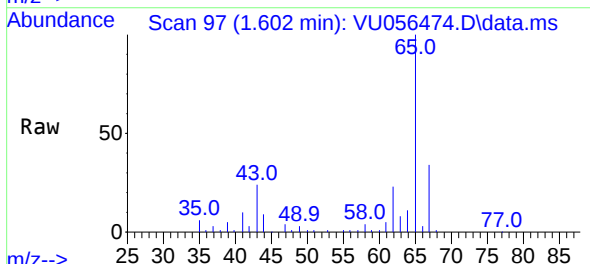
Instrument :
MSVOA_U
ClientSampleId :

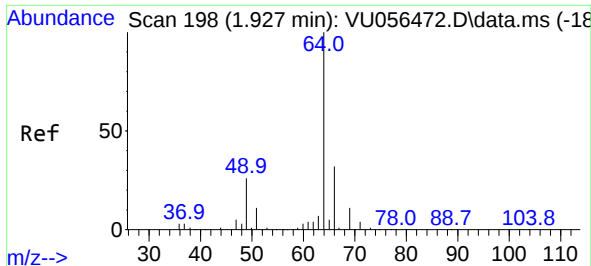
Tgt Ion: 50 Resp: 60298
Ion Ratio Lower Upper
50 100
52 32.2 24.3 45.1



#5
Vinyl chloride
Concen: 0.530 ug/L
RT: 1.602 min Scan# 97
Delta R.T. -0.000 min
Lab File: VU056474.D
Acq: 18 Nov 2023 12:27

Tgt Ion: 62 Resp: 11555
Ion Ratio Lower Upper
62 100
64 49.2 23.3 43.3#

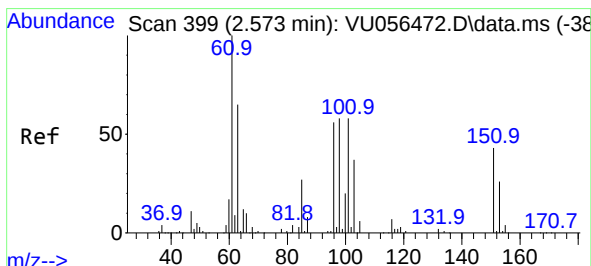
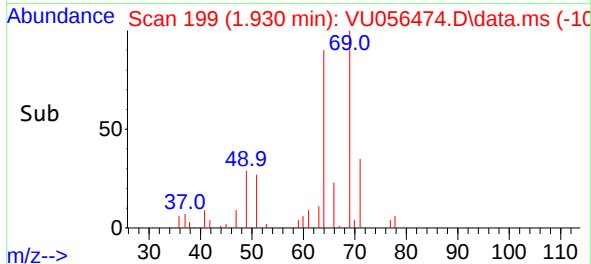
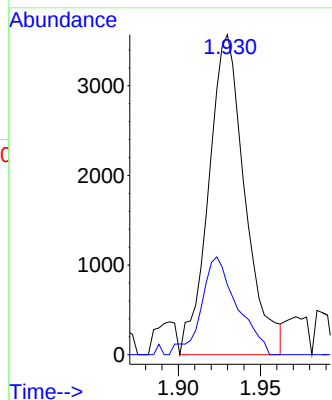
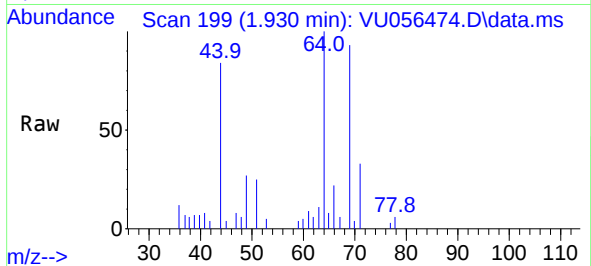




#8
Chloroethane
Concen: 0.412 ug/L
RT: 1.930 min Scan# 19
Delta R.T. 0.003 min
Lab File: VU056474.D
Acq: 18 Nov 2023 12:27

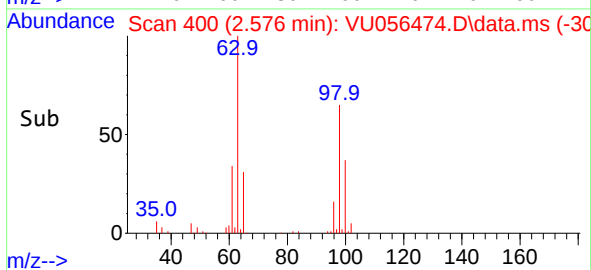
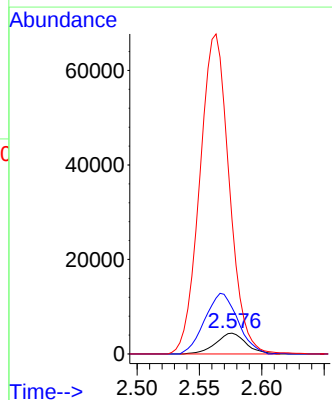
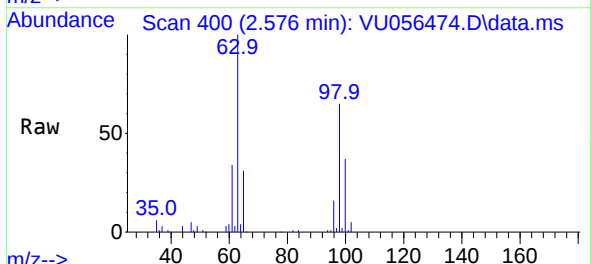
Instrument :
MSVOA_U
ClientSampleId :

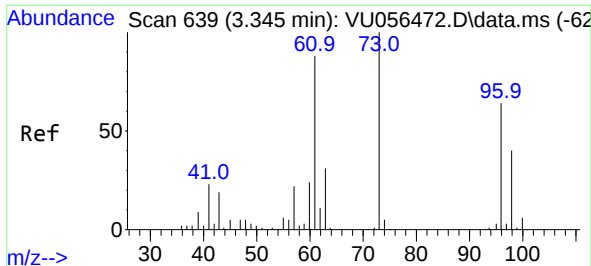
Tgt Ion: 64 Resp: 5492
Ion Ratio Lower Upper
64 100
66 21.8 23.9 44.5#



#12
1,1-Dichloroethene
Concen: 0.432 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056474.D
Acq: 18 Nov 2023 12:27

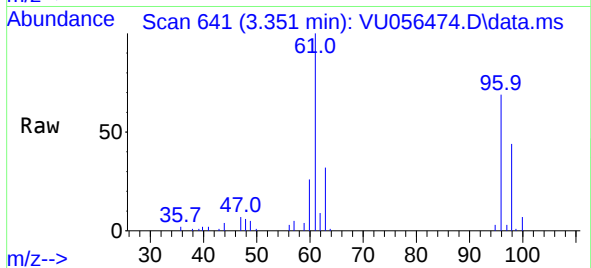
Tgt Ion: 96 Resp: 7403
Ion Ratio Lower Upper
96 100
61 221.4 123.1 228.7
63 643.1 93.3 173.3#



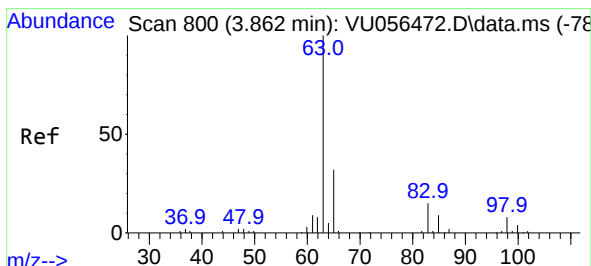
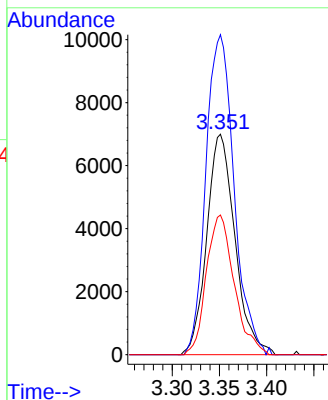
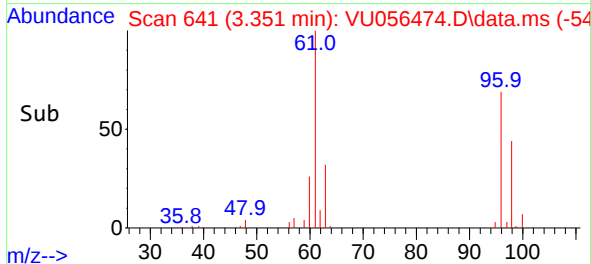


#18
trans-1,2-Dichloroethene
Concen: 0.826 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU056474.D
Acq: 18 Nov 2023 12:27

Instrument :
MSVOA_U
ClientSampleId :

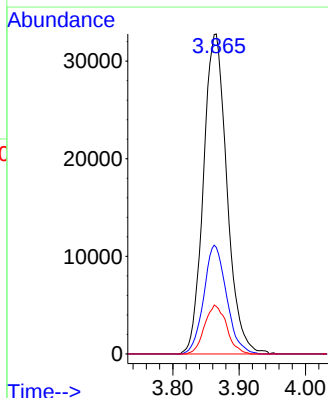
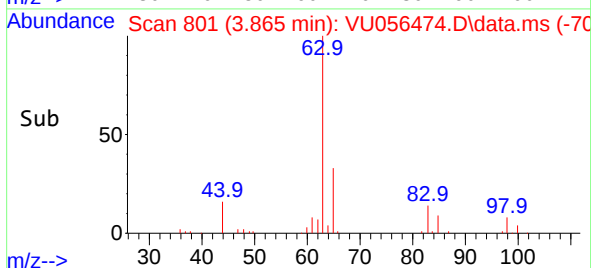
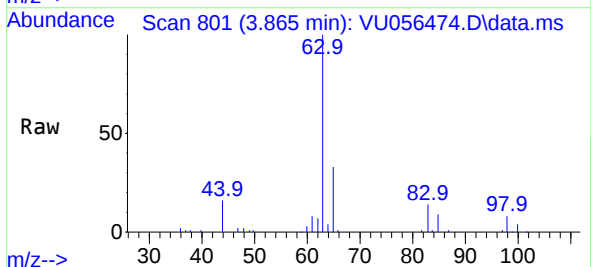


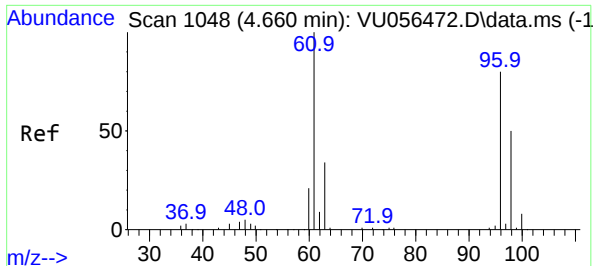
Tgt Ion: 96 Resp: 14545
Ion Ratio Lower Upper
96 100
61 145.1 101.7 188.9
98 63.4 43.0 80.0



#19
1,1-Dichloroethane
Concen: 2.313 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU056474.D
Acq: 18 Nov 2023 12:27

Tgt Ion: 63 Resp: 80700
Ion Ratio Lower Upper
63 100
65 33.9 21.8 40.6
83 14.9 9.7 17.9

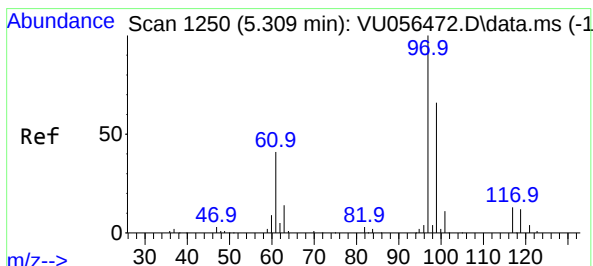
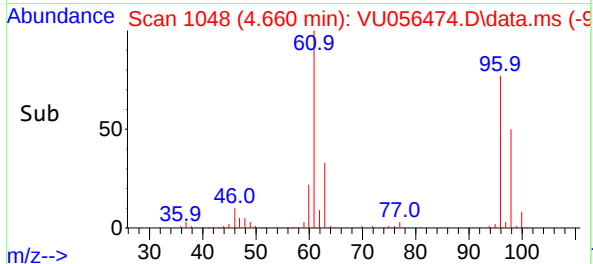
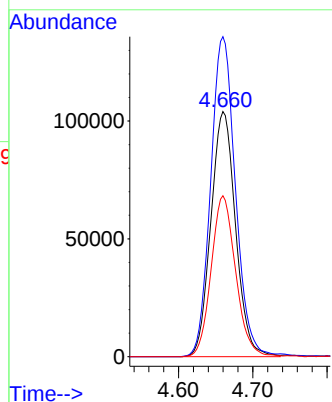
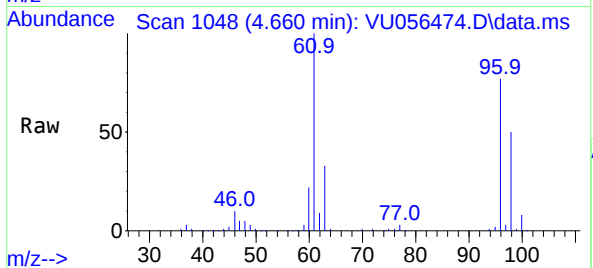




#22
 cis-1,2-Dichloroethene
 Concen: 12.034 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056474.D
 Acq: 18 Nov 2023 12:27

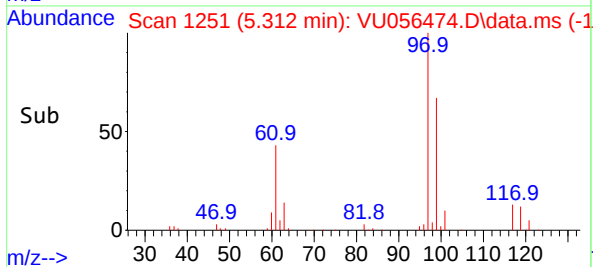
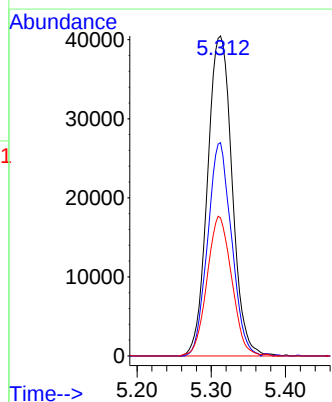
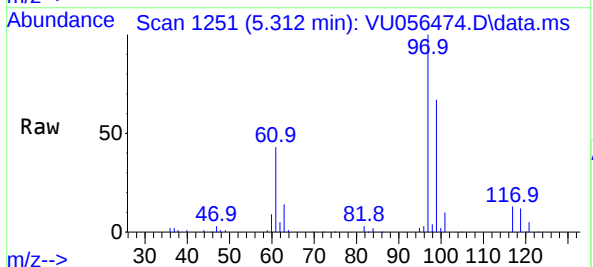
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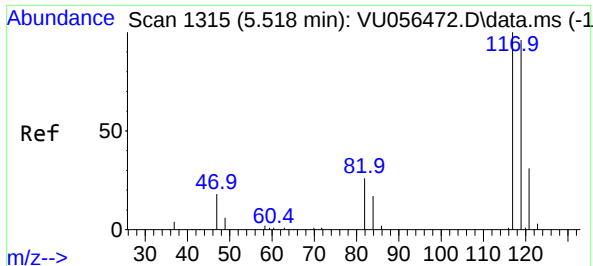
Tgt Ion: 96 Resp: 240381
 Ion Ratio Lower Upper
 96 100
 61 130.5 93.2 173.2
 98 65.7 44.8 83.2



#29
 1,1,1-Trichloroethane
 Concen: 2.976 ug/L
 RT: 5.312 min Scan# 1251
 Delta R.T. 0.003 min
 Lab File: VU056474.D
 Acq: 18 Nov 2023 12:27

Tgt Ion: 97 Resp: 93193
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.6 77.4
 61 43.6 34.3 51.5

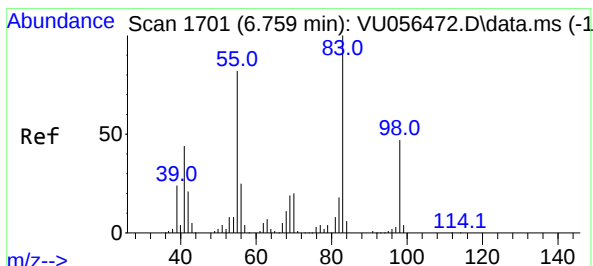
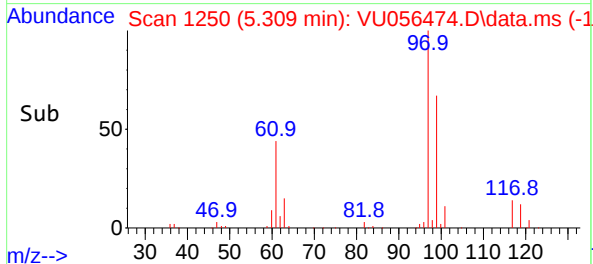
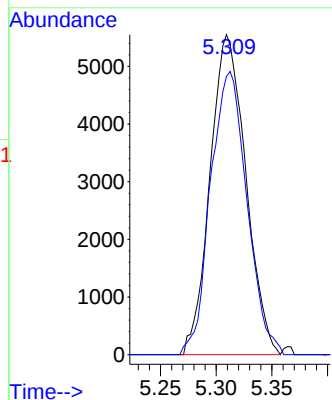
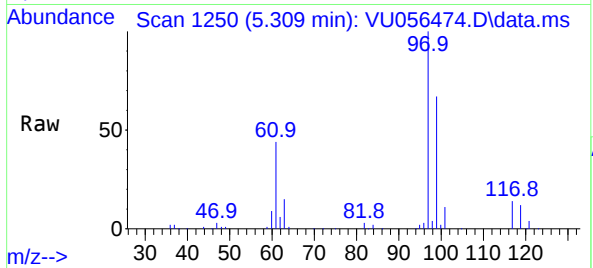




#31
Carbon tetrachloride
Concen: 0.460 ug/L
RT: 5.309 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU056474.D
Acq: 18 Nov 2023 12:27

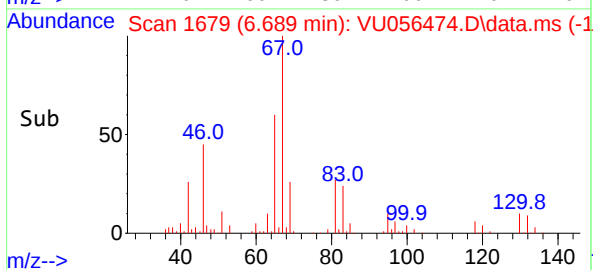
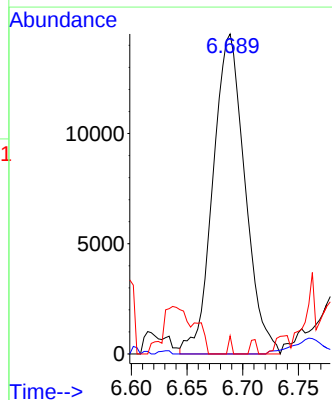
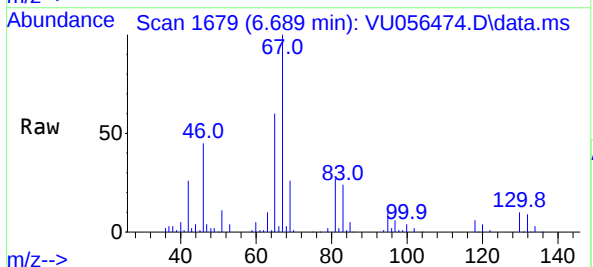
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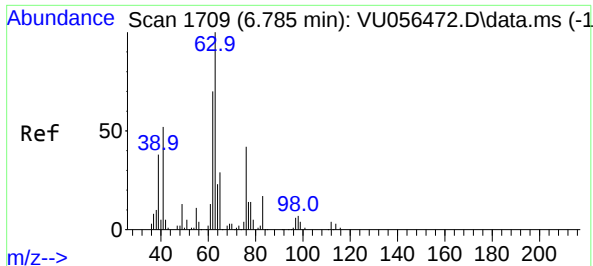
Tgt Ion:117 Resp: 12374
Ion Ratio Lower Upper
117 100
119 90.2 78.1 117.1



#35
Methylcyclohexane
Concen: 0.943 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU056474.D
Acq: 18 Nov 2023 12:27

Tgt Ion: 83 Resp: 28878
Ion Ratio Lower Upper
83 100
55 0.3 62.9 94.3#
98 0.0 35.3 52.9#

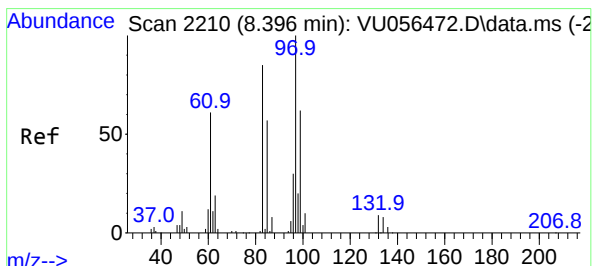
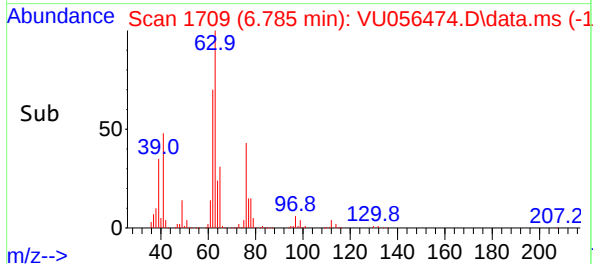
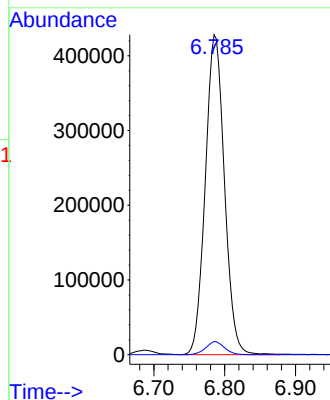
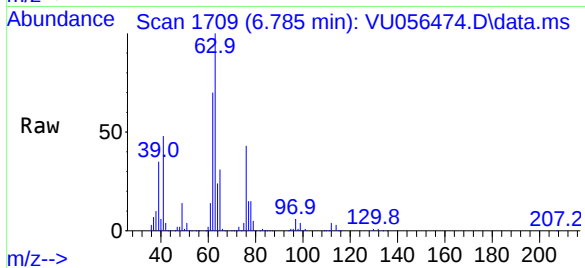




#37
1,2-Dichloropropane
Concen: 39.497 ug/L
RT: 6.785 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056474.D
Acq: 18 Nov 2023 12:27

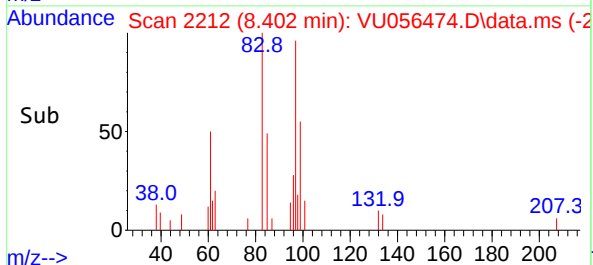
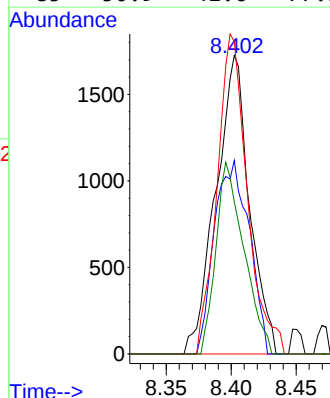
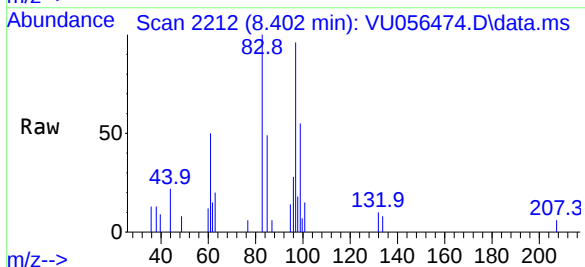
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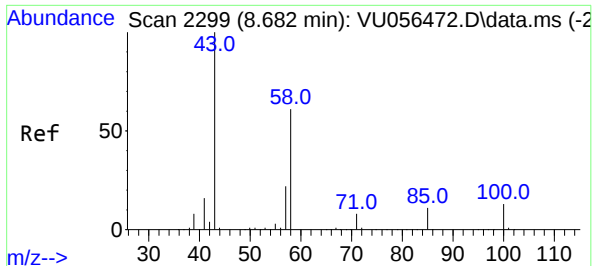
Tgt Ion: 63 Resp: 801851
Ion Ratio Lower Upper
63 100
112 4.0 3.2 4.8



#45
1,1,2-Trichloroethane
Concen: 0.229 ug/L
RT: 8.402 min Scan# 2212
Delta R.T. 0.010 min
Lab File: VU056474.D
Acq: 18 Nov 2023 12:27

Tgt Ion: 97 Resp: 3101
Ion Ratio Lower Upper
97 100
99 64.8 44.3 82.3
83 104.7 65.4 121.4
85 50.9 41.6 77.3



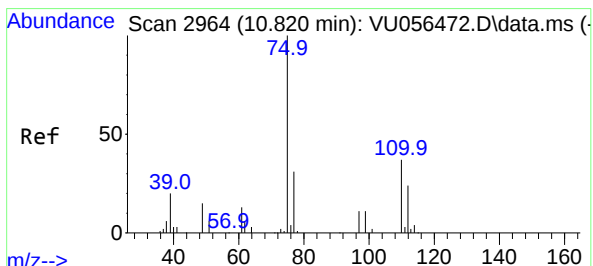
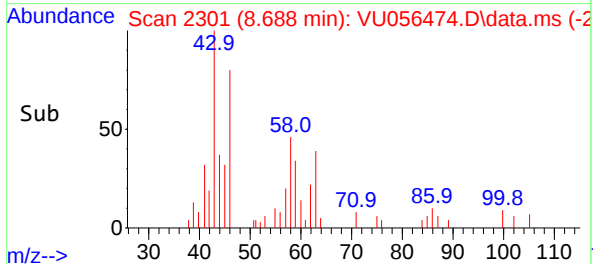
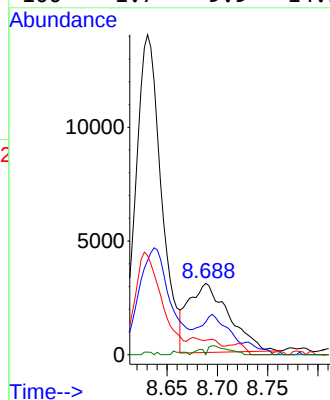
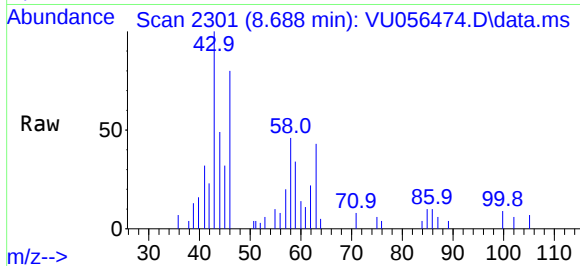


#48
2-Hexanone
Concen: 1.090 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056474.D
Acq: 18 Nov 2023 12:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 8543

Ion	Ratio	Lower	Upper
43	100		
58	0.0	48.7	73.1#
57	0.0	16.8	25.2#
100	1.7	9.9	14.9#



#61
1,2,3-Trichloropropane
Concen: 1.442 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU056474.D
Acq: 18 Nov 2023 12:27

Tgt Ion: 75 Resp: 13753

Ion	Ratio	Lower	Upper
75	100		
110	1.4	30.4	45.6#
77	34.2	27.0	40.6

