

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056862.D
 Acq On : 15 Dec 2023 02:14
 Operator : MD/SY
 Sample : 05770-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 05:12:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

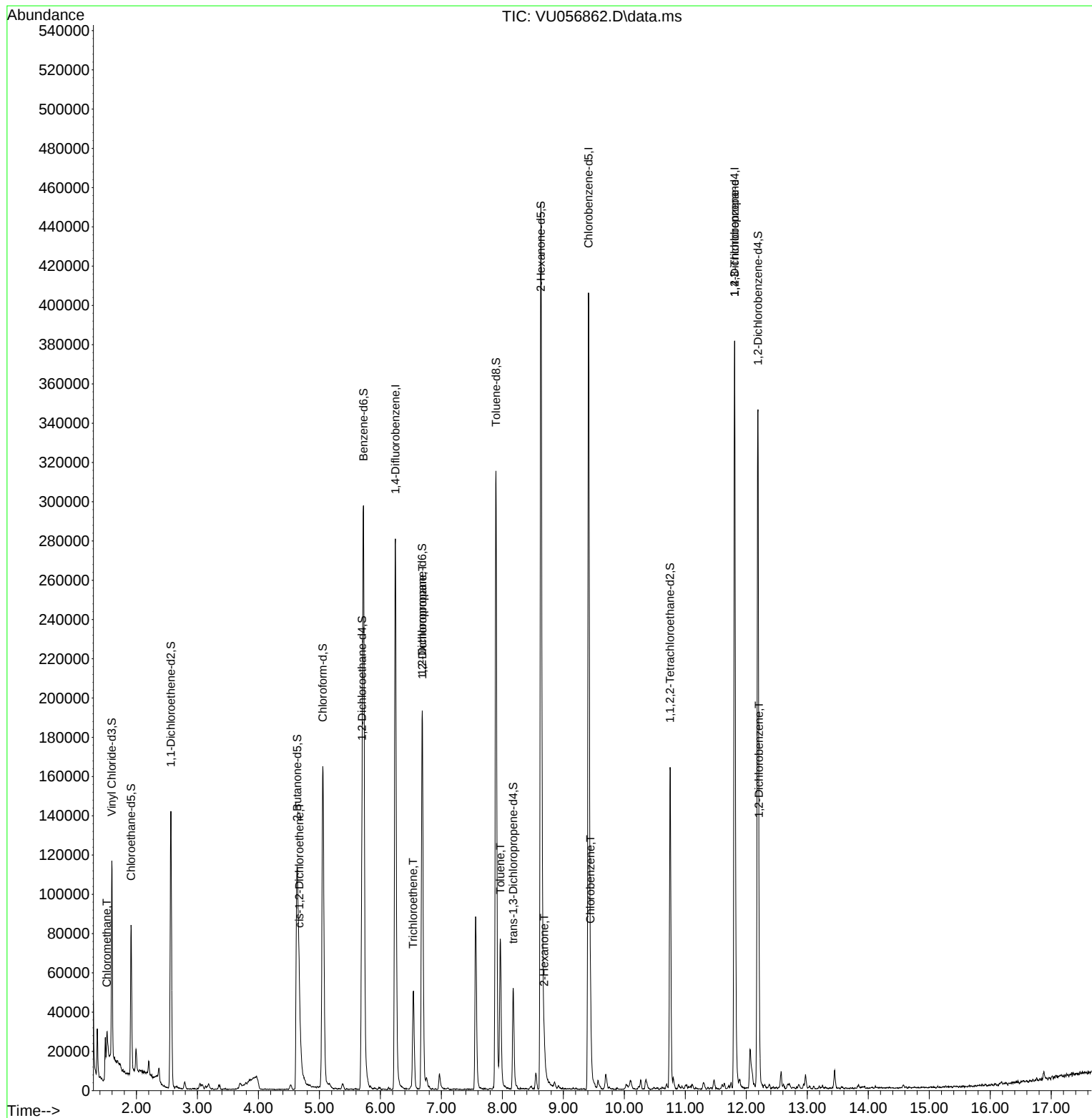
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	232294	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	239232	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	102775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59231	2.975	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.400%	
7) Chloroethane-d5	1.911	69	57457	3.856	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.200%	
11) 1,1-Dichloroethene-d2	2.563	65	27397	3.216	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.400%	
20) 2-Butanone-d5	4.634	46	228679	58.155	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.320%	
24) Chloroform-d	5.055	84	159357	4.226	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
26) 1,2-Dichloroethane-d4	5.698	65	81848	4.587	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
32) Benzene-d6	5.721	84	280805	3.784	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.600%	
36) 1,2-Dichloropropane-d6	6.682	67	99081	4.266	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.400%	
41) Toluene-d8	7.894	98	218292	3.291	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.800%#	
43) trans-1,3-Dichloroprop...	8.177	79	32440	3.602	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.000%	
46) 2-Hexanone-d5	8.631	63	160119	47.135	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.280%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81003	4.820	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	89249	4.418	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.400%	
Target Compounds						
						Qvalue
3) Chloromethane	1.515	50	7426	0.310	ug/L	99
22) cis-1,2-Dichloroethene	4.669	96	8605	0.414	ug/L	90
34) Trichloroethene	6.538	95	18253	0.791	ug/L	94
37) 1,2-Dichloropropane	6.689	63	10619	0.494	ug/L #	89
42) Toluene	7.965	91	57964	0.666	ug/L	97
48) 2-Hexanone	8.685	43	5746	0.790	ug/L #	43
51) Chlorobenzene	9.444	112	18522	0.334	ug/L	100
61) 1,2,3-Trichloropropane	11.807	75	13347	1.209	ug/L #	69
67) 1,2-Dichlorobenzene	12.206	146	7913	0.226	ug/L	95

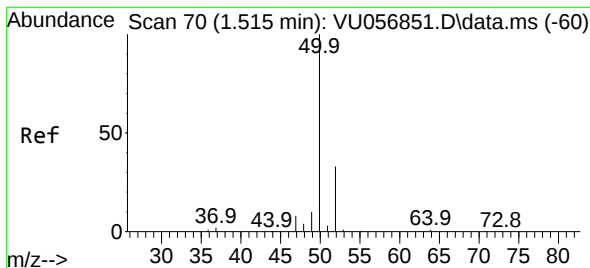
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.310 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU056862.D

Acq: 15 Dec 2023 02:14

Instrument :

MSVOA_U

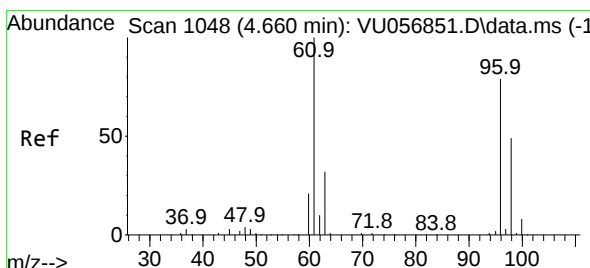
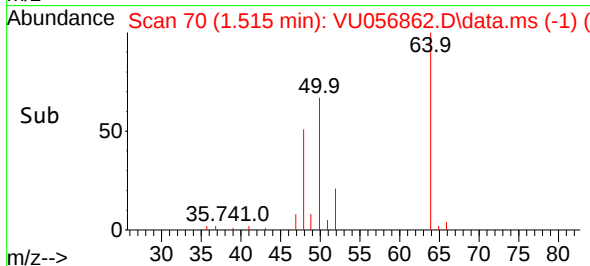
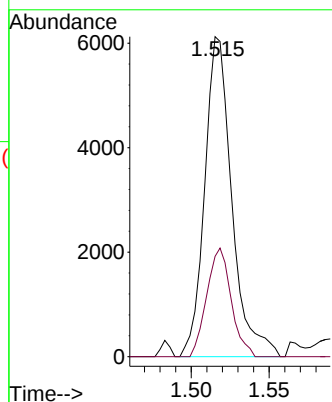
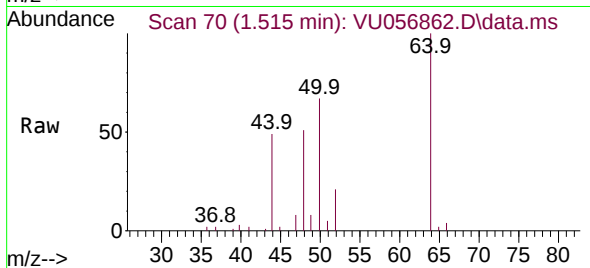
ClientSampleId :

Tgt Ion: 50 Resp: 7426

Ion Ratio Lower Upper

50 100

52 31.4 22.5 41.7



#22

cis-1,2-Dichloroethene

Concen: 0.414 ug/L

RT: 4.669 min Scan# 1051

Delta R.T. 0.010 min

Lab File: VU056862.D

Acq: 15 Dec 2023 02:14

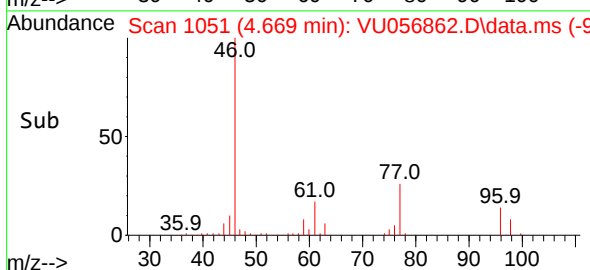
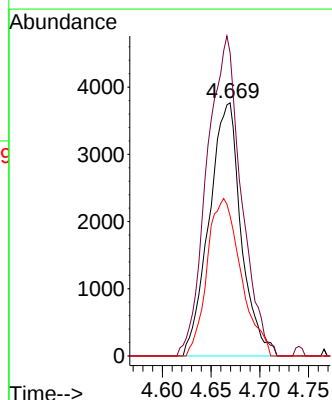
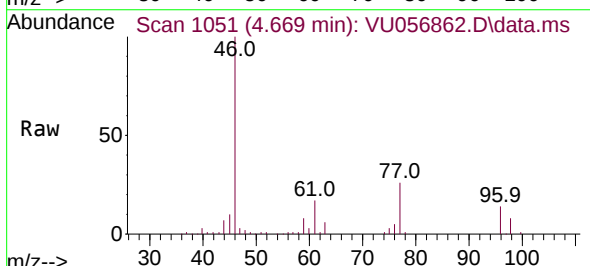
Tgt Ion: 96 Resp: 8605

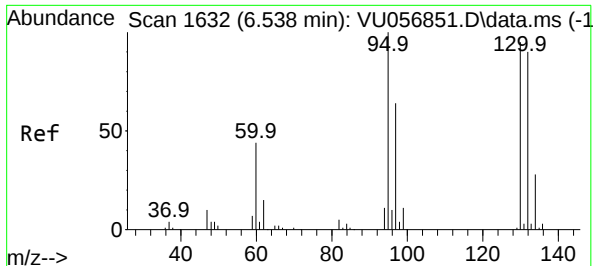
Ion Ratio Lower Upper

96 100

61 119.7 91.3 169.6

98 55.2 44.2 82.0

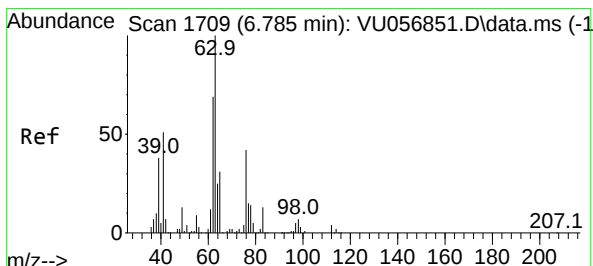
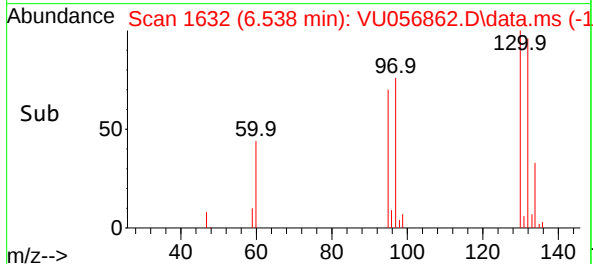
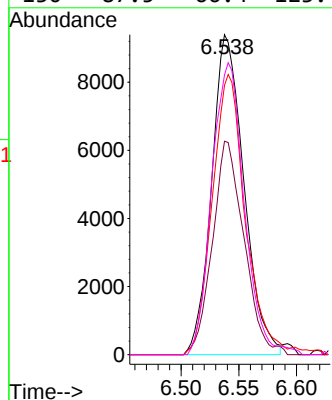
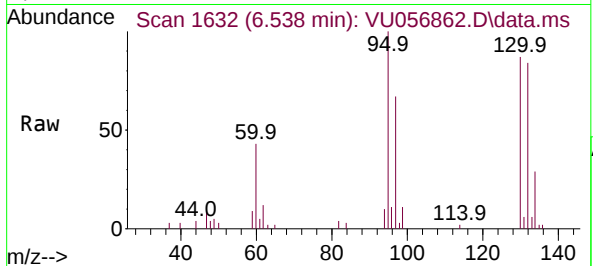




#34
Trichloroethene
Concen: 0.791 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056862.D
Acq: 15 Dec 2023 02:14

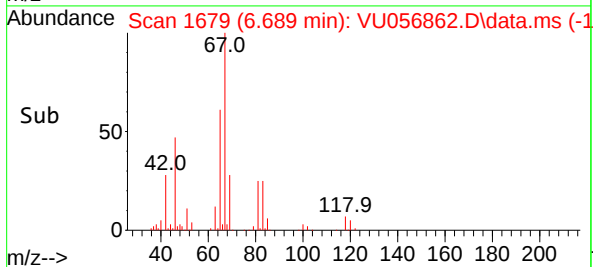
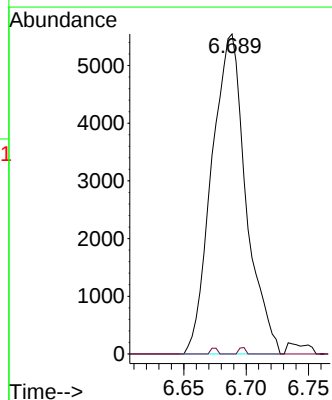
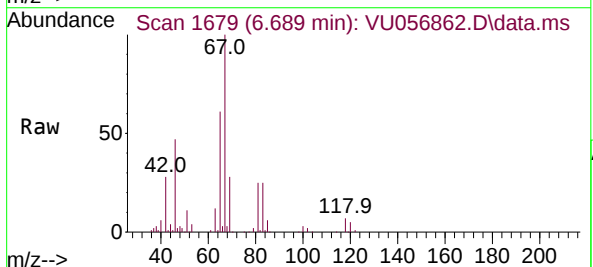
Instrument :
MSVOA_U
ClientSampleId :

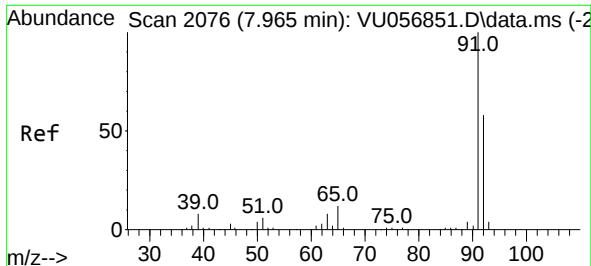
Tgt Ion: 95 Resp: 18253
Ion Ratio Lower Upper
95 100
97 66.7 46.1 85.5
132 84.2 63.6 118.0
130 87.5 66.4 123.4



#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.096 min
Lab File: VU056862.D
Acq: 15 Dec 2023 02:14

Tgt Ion: 63 Resp: 10619
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#





#42

Toluene

Concen: 0.666 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056862.D

Acq: 15 Dec 2023 02:14

Instrument :

MSVOA_U

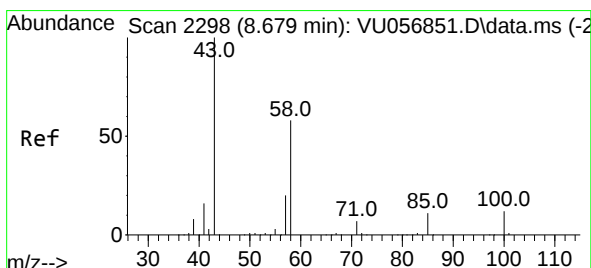
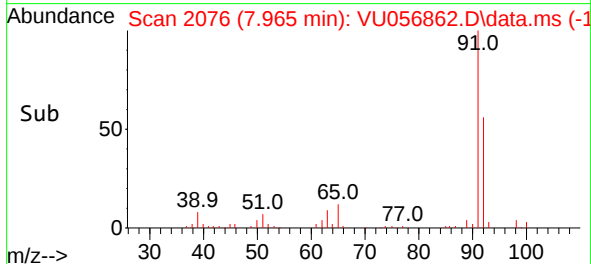
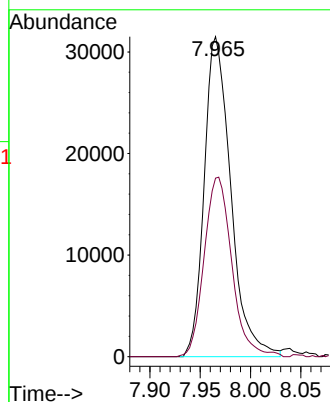
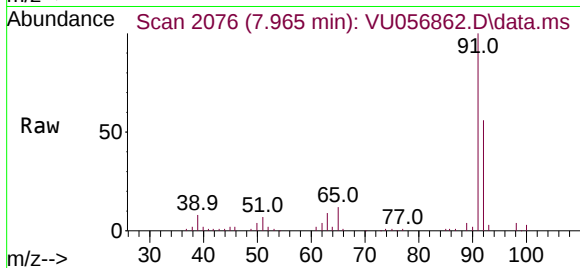
ClientSampleId :

Tgt Ion: 91 Resp: 57964

Ion Ratio Lower Upper

91 100

92 55.8 40.4 75.0



#48

2-Hexanone

Concen: 0.790 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.006 min

Lab File: VU056862.D

Acq: 15 Dec 2023 02:14

Tgt Ion: 43 Resp: 5746

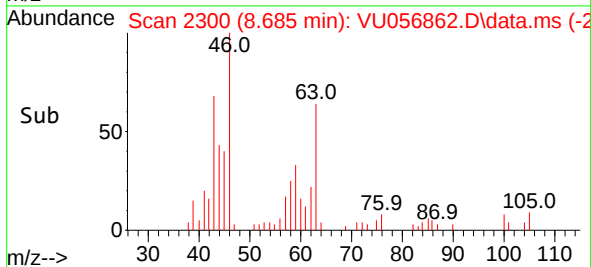
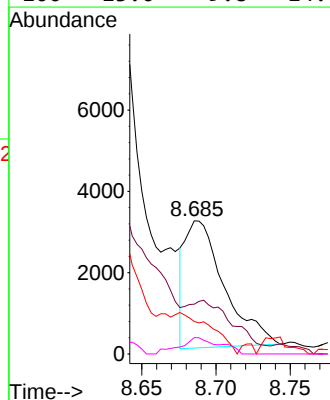
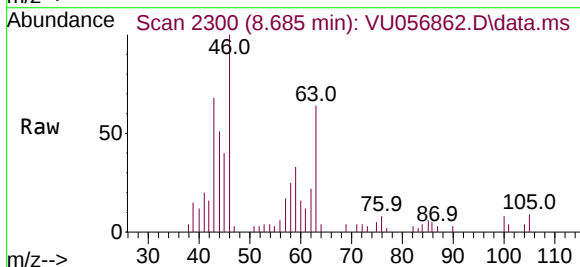
Ion Ratio Lower Upper

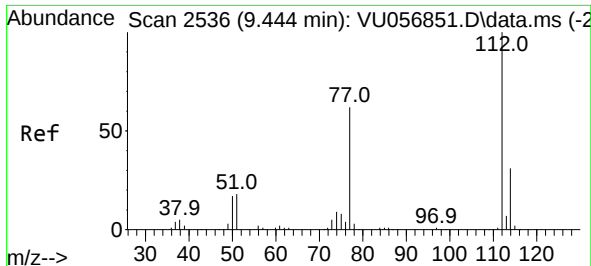
43 100

58 0.0 47.5 71.3#

57 8.5 17.0 25.4#

100 13.0 9.8 14.8

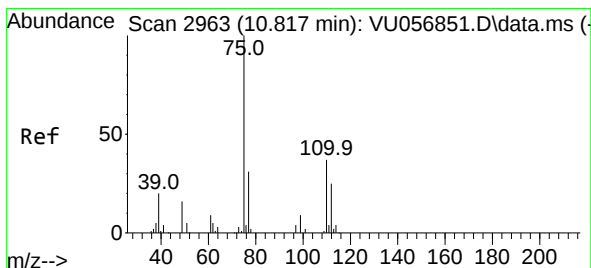
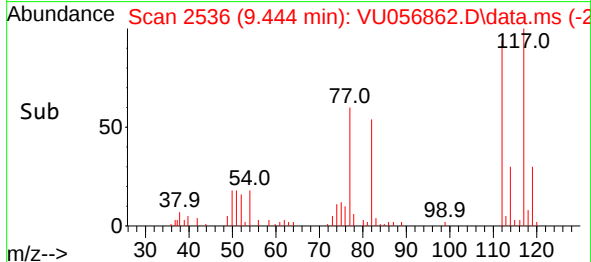
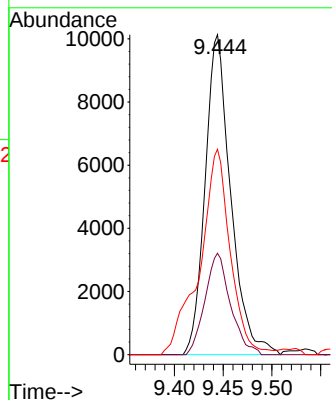
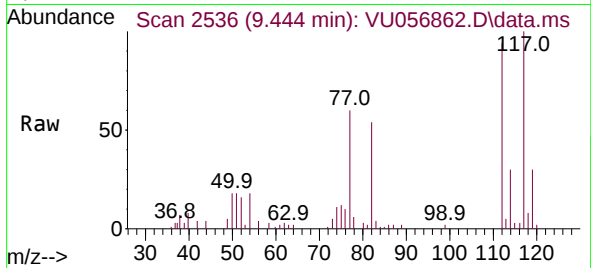




#51
Chlorobenzene
Concen: 0.334 ug/L
RT: 9.444 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056862.D
Acq: 15 Dec 2023 02:14

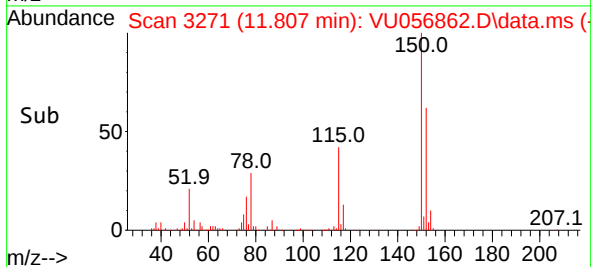
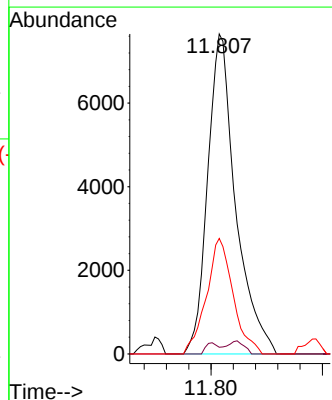
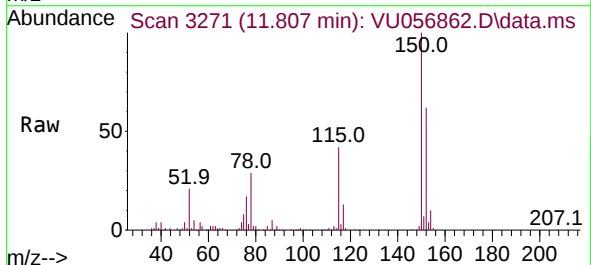
Instrument :
MSVOA_U
ClientSampleId :

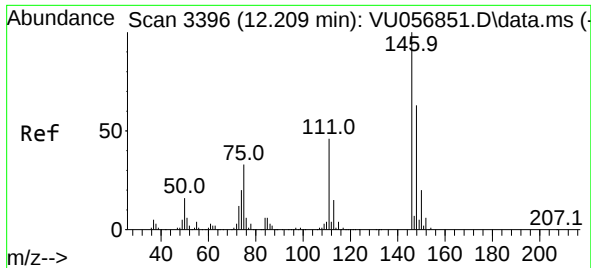
Tgt Ion:112 Resp: 18522
Ion Ratio Lower Upper
112 100
114 31.7 21.9 40.7
77 64.2 51.6 77.4



#61
1,2,3-Trichloropropane
Concen: 1.209 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056862.D
Acq: 15 Dec 2023 02:14

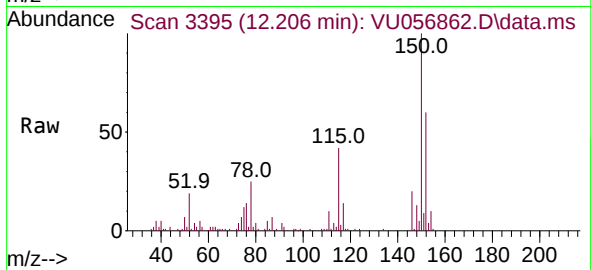
Tgt Ion: 75 Resp: 13347
Ion Ratio Lower Upper
75 100
110 1.5 28.4 42.6#
77 34.3 26.3 39.5





#67
 1,2-Dichlorobenzene
 Concen: 0.226 ug/L
 RT: 12.206 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU056862.D
 Acq: 15 Dec 2023 02:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	146	Resp:	7913
Ion	Ratio	Lower	Upper
146	100		
111	51.1	36.9	55.3
148	63.7	53.0	79.4

