

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058409.D
 Acq On : 05 Apr 2024 10:54
 Operator : MD/SY
 Sample : P1925-16 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:34:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 23:33:02 2024
 Response via : Initial Calibration

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

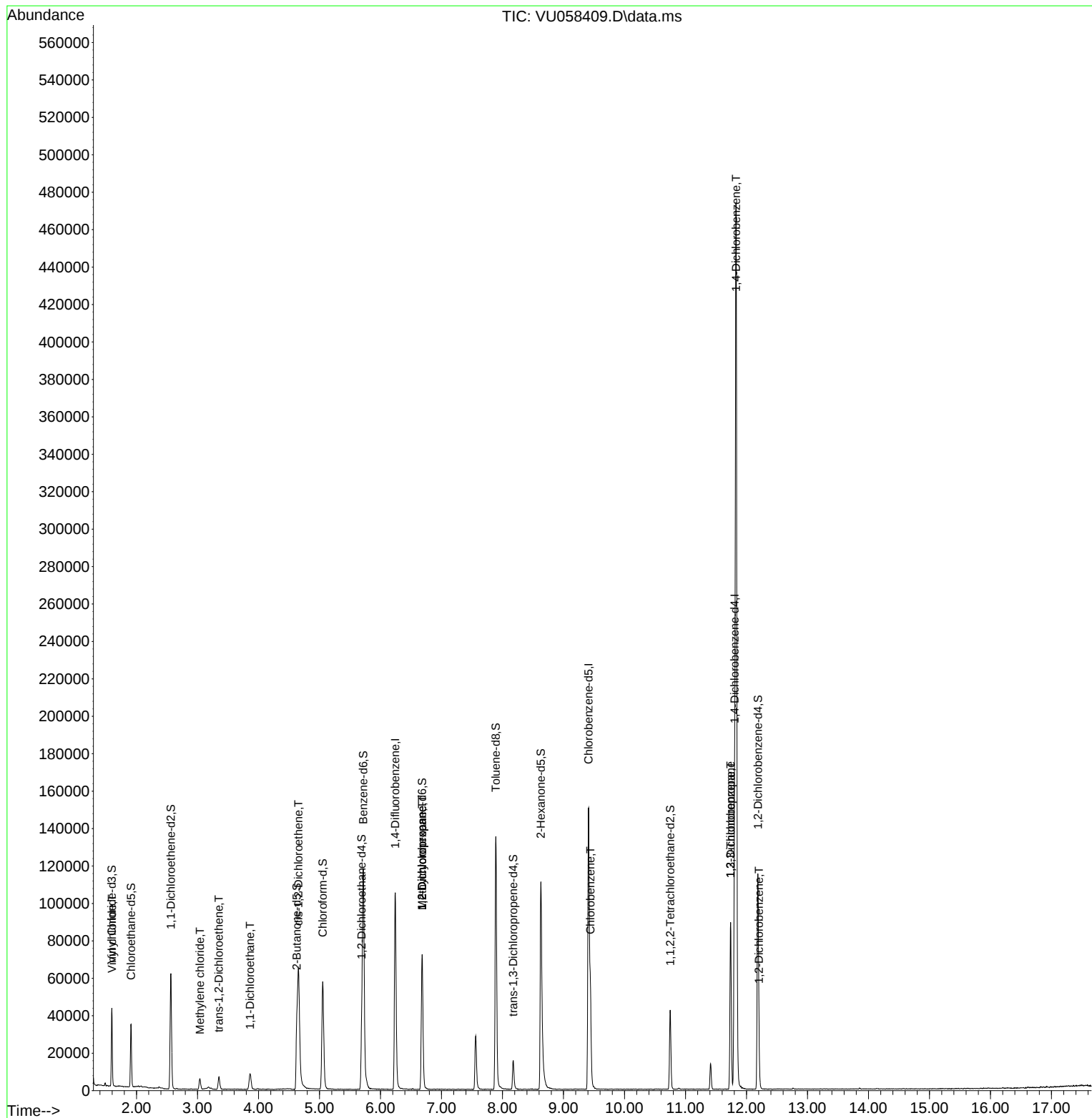
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	83276	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	79832	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	37397	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26319	4.774	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	95.400%		
7) Chloroethane-d5	1.911	69	23475	4.899	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	98.000%		
11) 1,1-Dichloroethene-d2	2.563	65	11942	4.785	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	95.800%		
20) 2-Butanone-d5	4.627	46	59523	51.229	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	102.460%		
24) Chloroform-d	5.052	84	53931	4.900	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.000%		
26) 1,2-Dichloroethane-d4	5.692	65	26507	5.161	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	103.200%		
32) Benzene-d6	5.717	84	108645	5.055	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	101.000%		
36) 1,2-Dichloropropane-d6	6.682	67	34825	5.167	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	103.400%		
41) Toluene-d8	7.891	98	91757	4.814	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.200%		
43) trans-1,3-Dichloroprop...	8.177	79	9441	4.512	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	90.200%		
46) 2-Hexanone-d5	8.627	63	40947	47.449	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	94.900%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21763	4.574	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	91.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	30121	4.782	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	95.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	2215	0.261	ug/L #	70
16) Methylene chloride	3.039	84	2674	0.341	ug/L	95
18) trans-1,2-Dichloroethene	3.351	96	2856	0.462	ug/L	97
19) 1,1-Dichloroethane	3.862	63	10757	0.797	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	25655	3.693	ug/L	99
35) Methylcyclohexane	6.682	83	7254	0.660	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3713	0.488	ug/L #	90
51) Chlorobenzene	9.441	112	26968	1.468	ug/L	100
61) 1,2,3-Trichloropropane	11.740	75	11709	3.069	ug/L #	51
64) 1,3-Dichlorobenzene	11.740	146	34659	2.606	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	178780	13.798	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	2594	0.214	ug/L	96

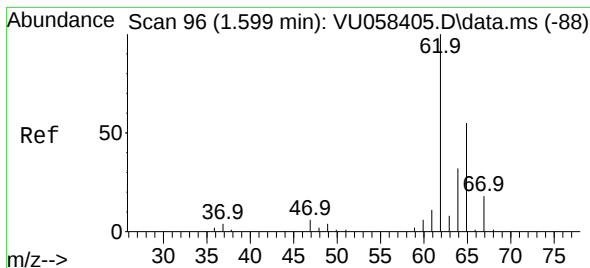
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.261 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU058409.D

Acq: 05 Apr 2024 10:54

Instrument :

MSVOA_U

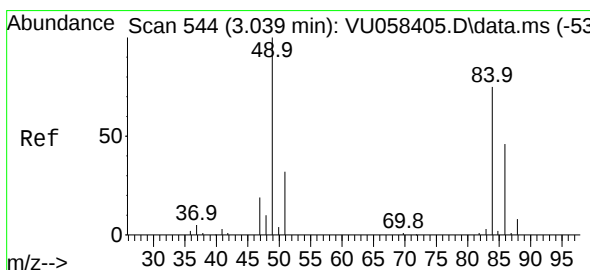
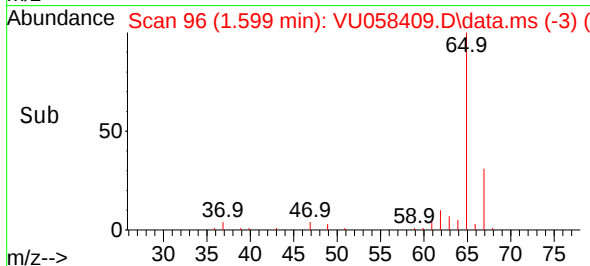
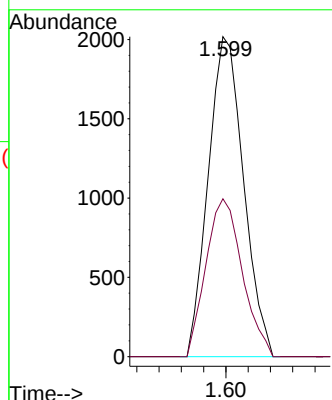
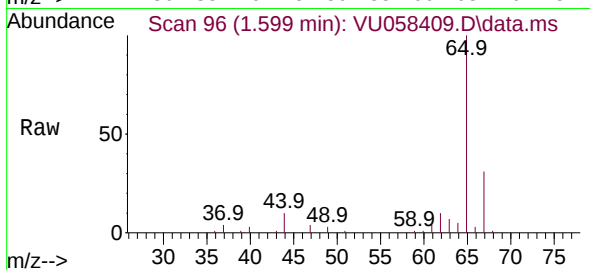
ClientSampleId :

Tgt Ion: 62 Resp: 2215

Ion Ratio Lower Upper

62 100

64 49.4 22.6 42.0#



#16

Methylene chloride

Concen: 0.341 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU058409.D

Acq: 05 Apr 2024 10:54

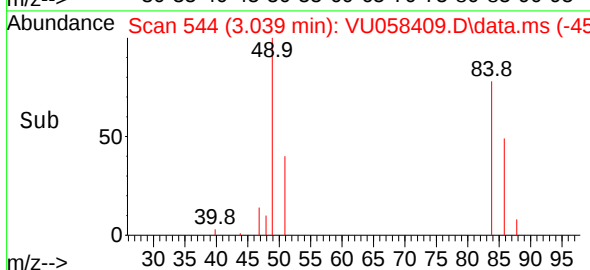
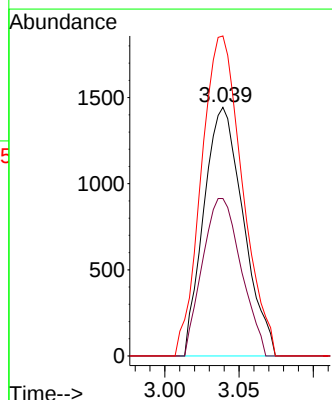
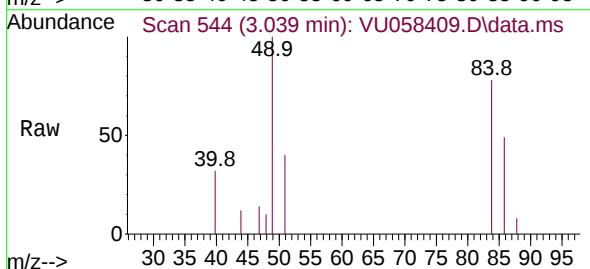
Tgt Ion: 84 Resp: 2674

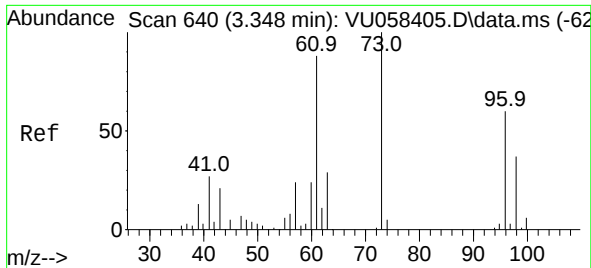
Ion Ratio Lower Upper

84 100

86 63.3 44.3 82.3

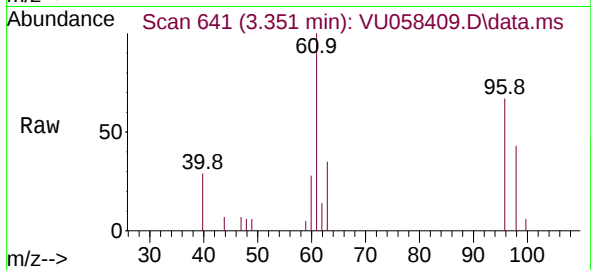
49 128.7 96.0 178.2





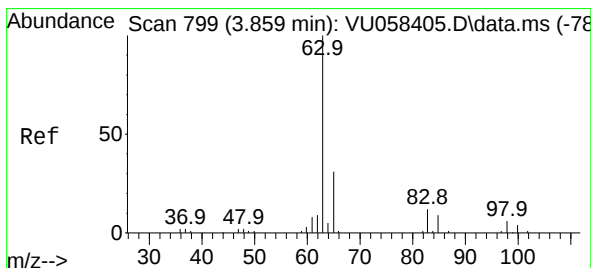
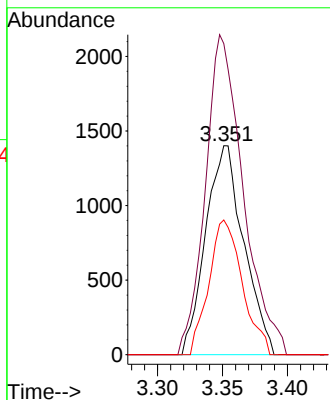
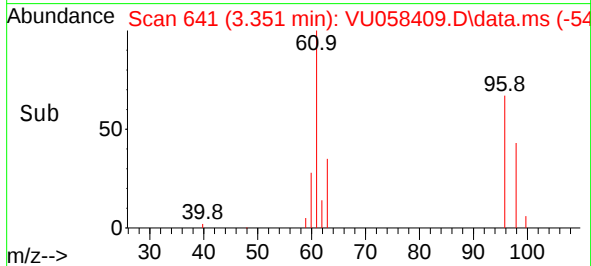
#18
trans-1,2-Dichloroethene
Concen: 0.462 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54

Instrument :
MSVOA_U
ClientSampleId :

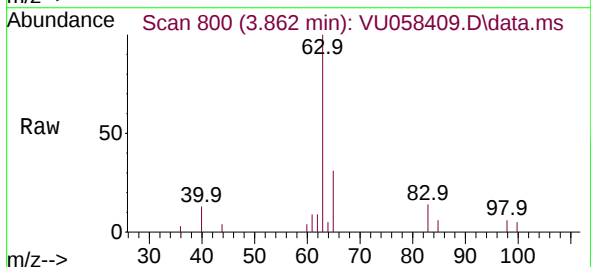


Tgt Ion: 96 Resp: 2856

Ion	Ratio	Lower	Upper
96	100		
61	148.8	107.6	199.8
98	64.5	45.1	83.7

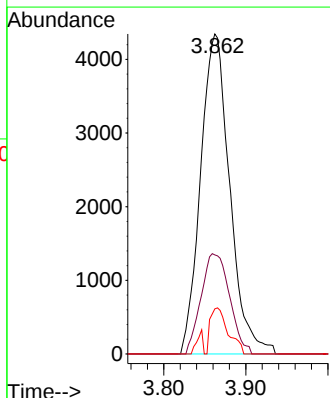
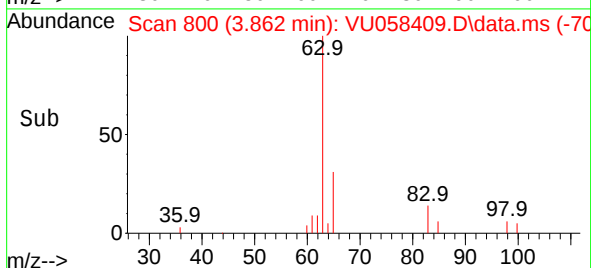


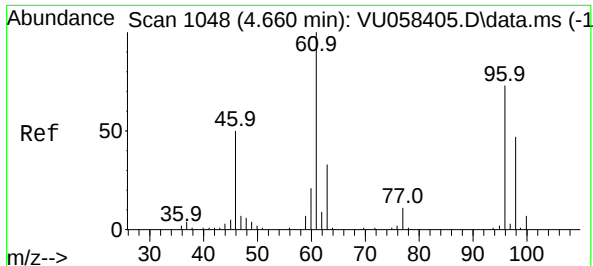
#19
1,1-Dichloroethane
Concen: 0.797 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54



Tgt Ion: 63 Resp: 10757

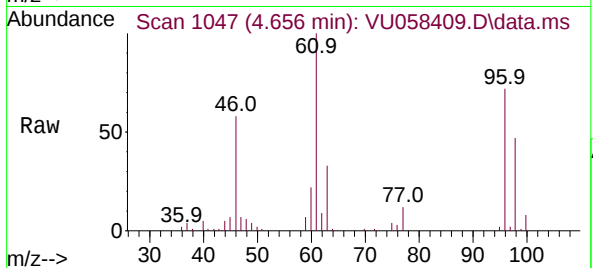
Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.9	42.5
83	14.1	9.6	17.8



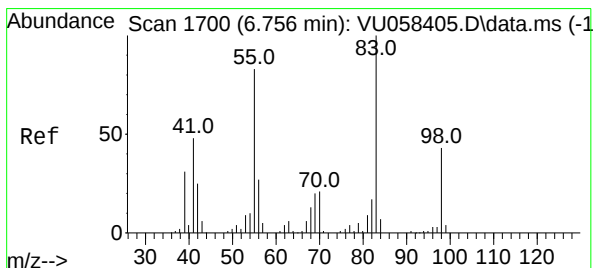
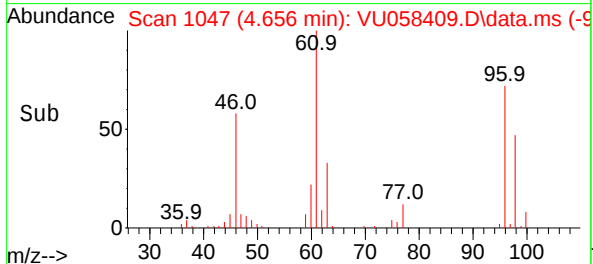
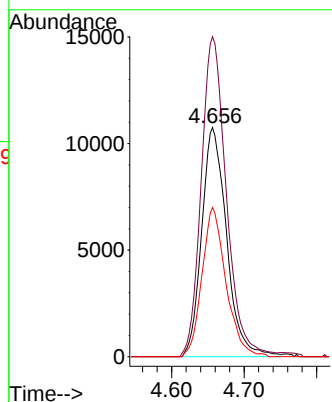


#22
 cis-1,2-Dichloroethene
 Concen: 3.693 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU058409.D
 Acq: 05 Apr 2024 10:54

Instrument :
 MSVOA_U
 ClientSampleId :

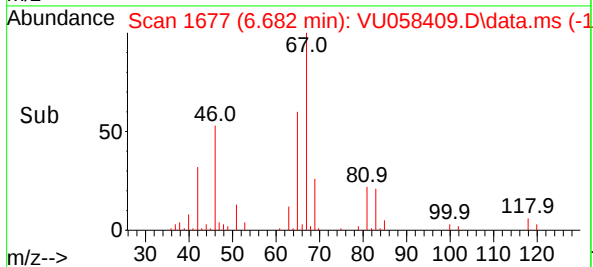
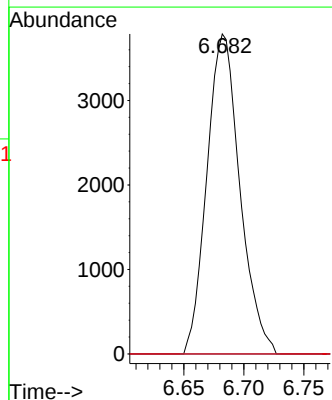
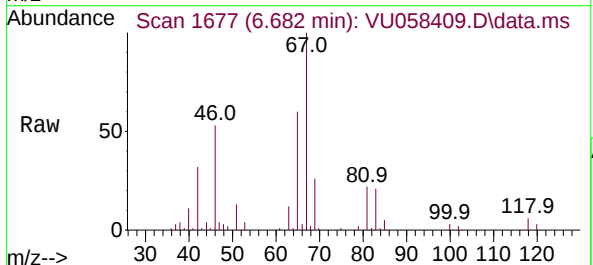


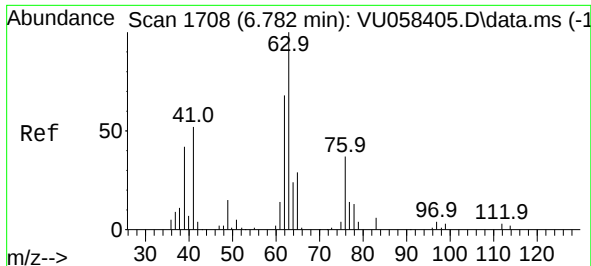
Tgt Ion: 96 Resp: 25655
 Ion Ratio Lower Upper
 96 100
 61 139.6 98.1 182.3
 98 65.2 43.6 81.0



#35
 Methylcyclohexane
 Concen: 0.660 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU058409.D
 Acq: 05 Apr 2024 10:54

Tgt Ion: 83 Resp: 7254
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.2 99.4#
 98 0.0 34.6 52.0#

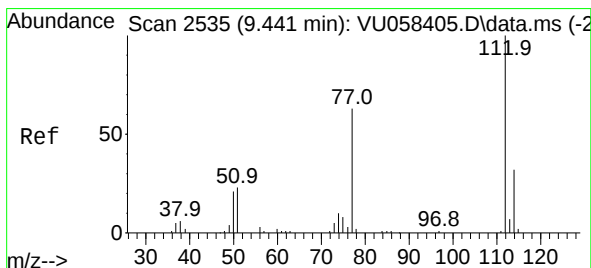
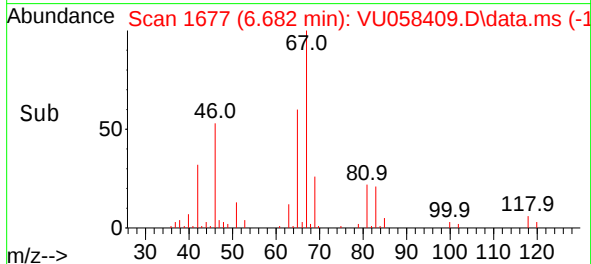
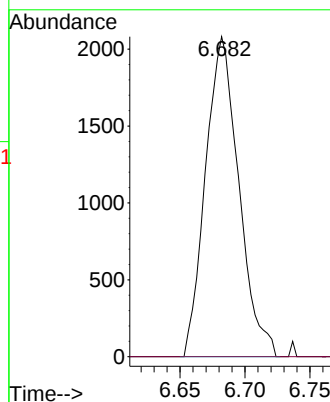
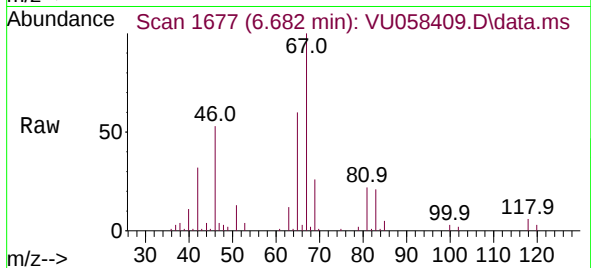




#37
1,2-Dichloropropane
Concen: 0.488 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54

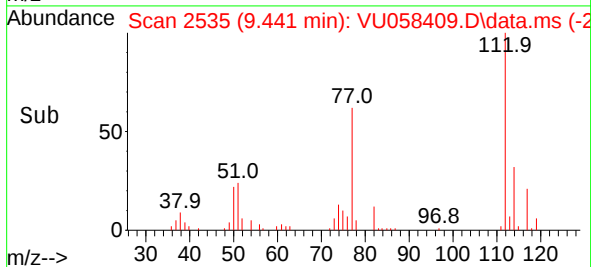
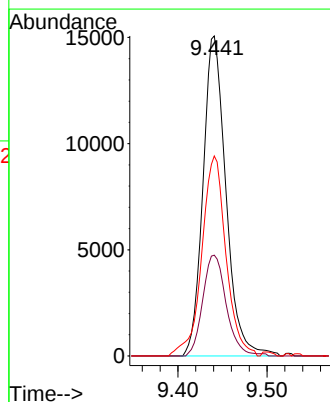
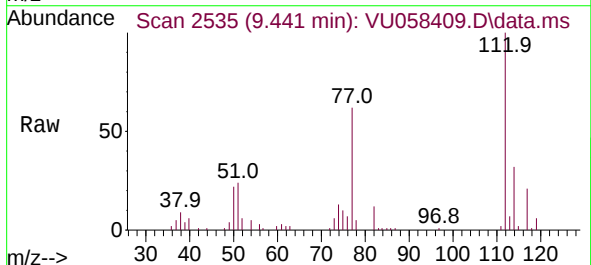
Instrument :
MSVOA_U
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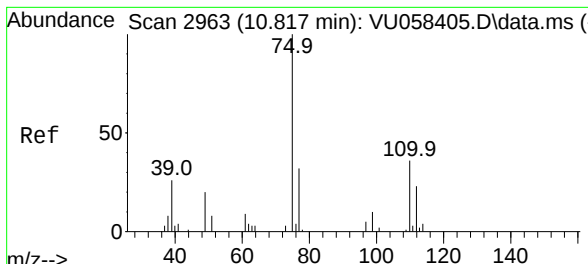
Tgt Ion: 63 Resp: 3713
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#51
Chlorobenzene
Concen: 1.468 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54

Tgt Ion: 112 Resp: 26968
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 62.5 50.1 75.1

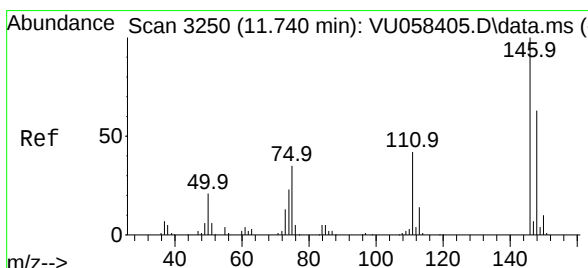
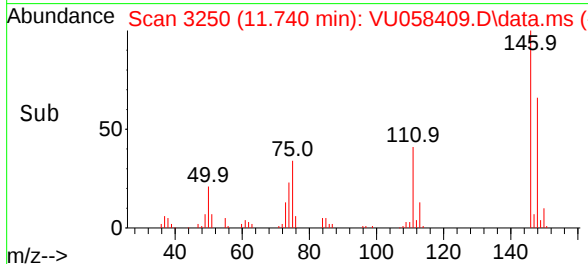
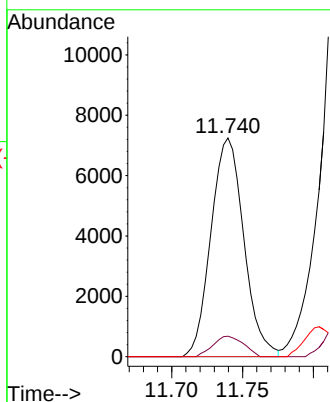
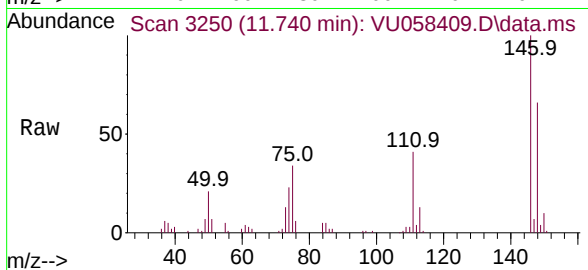




#61
1,2,3-Trichloropropane
Concen: 3.069 ug/L
RT: 11.740 min Scan# 31
Delta R.T. 0.923 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54

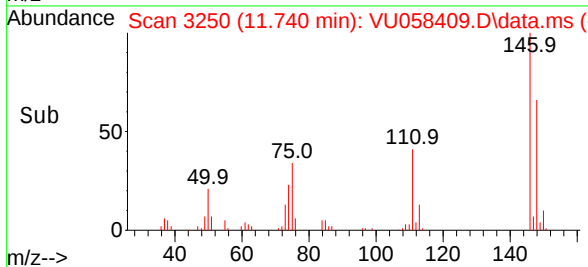
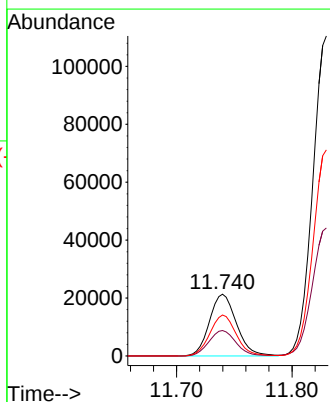
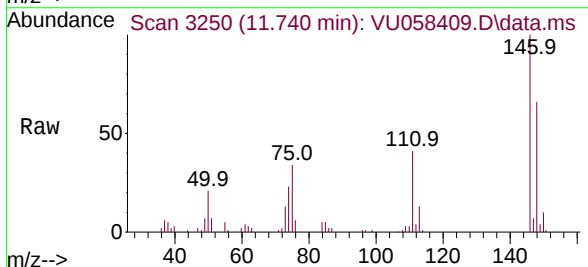
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MSVOA_U
ClientSampleId :

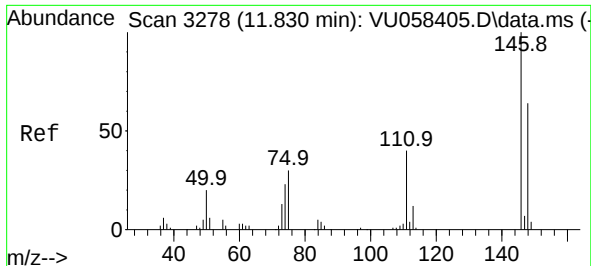
Tgt Ion: 75 Resp: 11709
Ion Ratio Lower Upper
75 100
110 8.7 25.8 38.6#
77 0.0 25.1 37.7#



#64
1,3-Dichlorobenzene
Concen: 2.606 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU058409.D
Acq: 05 Apr 2024 10:54

Tgt Ion:146 Resp: 34659
Ion Ratio Lower Upper
146 100
111 41.1 28.8 53.4
148 66.2 44.9 83.3





#65

1,4-Dichlorobenzene

Concen: 13.798 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

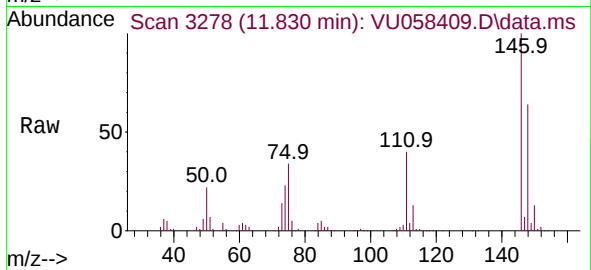
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Acq: 05 Apr 2024 10:54

Instrument :

MSVOA_U

ClientSampleId :



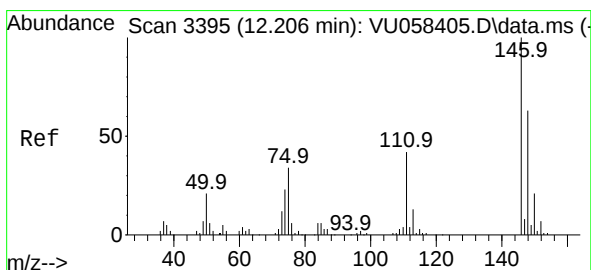
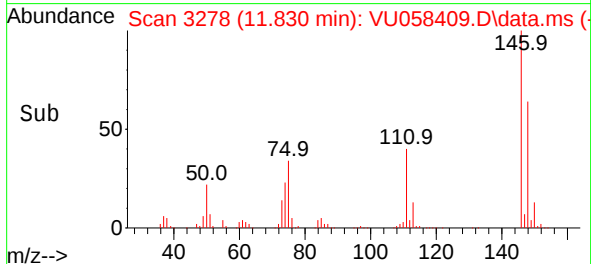
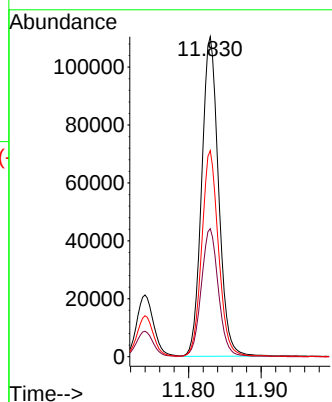
Tgt Ion:146 Resp: 178780

Ion Ratio Lower Upper

146 100

111 40.0 28.8 53.6

148 64.4 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 0.214 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058409.D

Acq: 05 Apr 2024 10:54

Tgt Ion:146 Resp: 2594

Ion Ratio Lower Upper

146 100

111 42.2 35.0 52.4

148 69.9 52.5 78.7

