

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058385.D
 Acq On : 04 Apr 2024 23:10
 Operator : MD/SY
 Sample : P1925-16 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 00:05:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

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

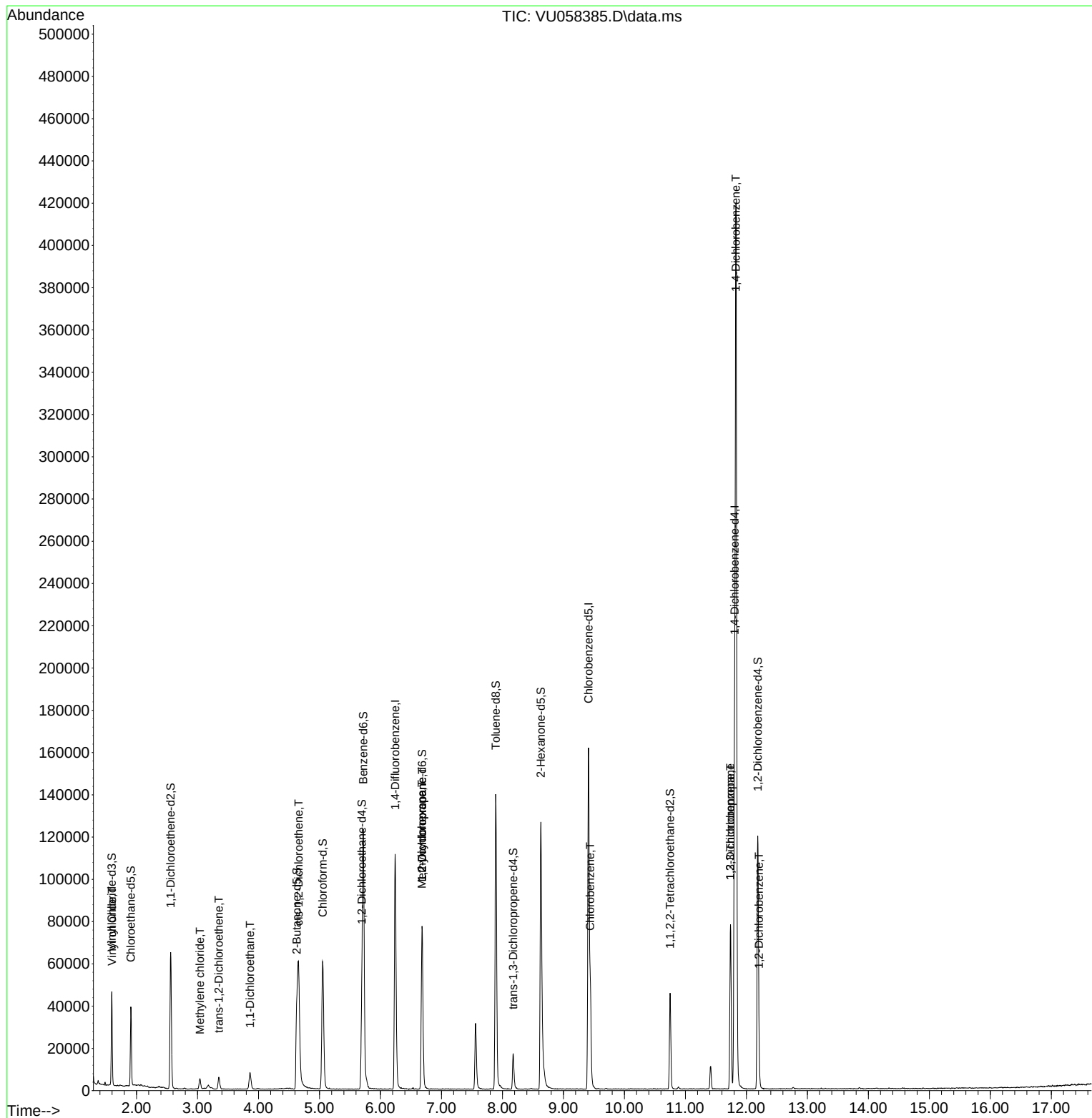
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	88955	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	85646	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28169	4.783	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	95.600%		
7) Chloroethane-d5	1.907	69	25015	4.887	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	97.800%		
11) 1,1-Dichloroethene-d2	2.560	65	12624	4.736	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	94.800%		
20) 2-Butanone-d5	4.627	46	62658	50.485	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	100.960%		
24) Chloroform-d	5.052	84	56938	4.843	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.800%		
26) 1,2-Dichloroethane-d4	5.695	65	28514	5.197	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	104.000%		
32) Benzene-d6	5.717	84	113764	4.934	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.600%		
36) 1,2-Dichloropropane-d6	6.682	67	36826	5.093	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	101.800%		
41) Toluene-d8	7.891	98	93074	4.552	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	91.000%		
43) trans-1,3-Dichloroprop...	8.177	79	10045	4.475	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	89.600%		
46) 2-Hexanone-d5	8.631	63	43965	47.488	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	94.980%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22763	4.459	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	89.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	30600	4.794	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	95.800%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	2120	0.234	ug/L #	79
16) Methylene chloride	3.039	84	2214	0.265	ug/L	96
18) trans-1,2-Dichloroethene	3.351	96	2349	0.356	ug/L	97
19) 1,1-Dichloroethane	3.862	63	9660	0.670	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	22956	3.094	ug/L	97
35) Methylcyclohexane	6.679	83	7734	0.656	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	4056	0.497	ug/L #	90
51) Chlorobenzene	9.441	112	24702	1.254	ug/L	98
61) 1,2,3-Trichloropropane	11.740	75	10316	2.668	ug/L #	51
64) 1,3-Dichlorobenzene	11.740	146	30834	2.288	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	157607	12.004	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	2522	0.206	ug/L	94

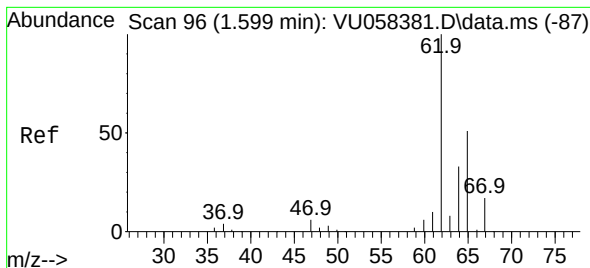
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.234 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.000 min

Lab File: VU058385.D

Acq: 04 Apr 2024 23:10

Instrument :

MSVOA_U

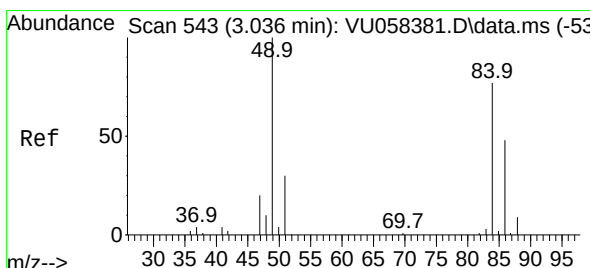
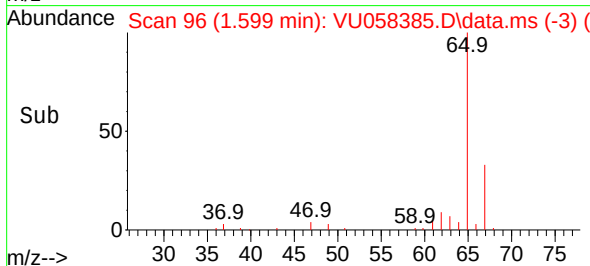
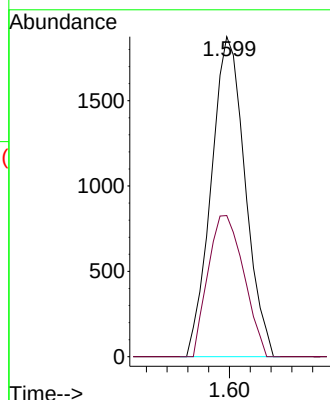
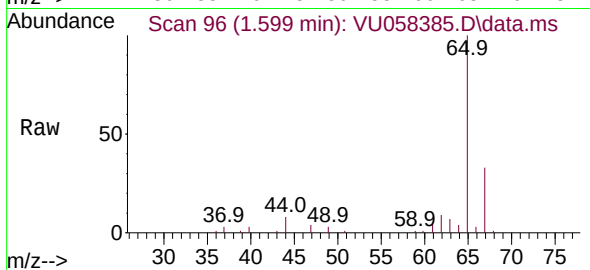
ClientSampleId :

Tgt Ion: 62 Resp: 2120

Ion Ratio Lower Upper

62 100

64 44.1 22.6 42.0#



#16

Methylene chloride

Concen: 0.265 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058385.D

Acq: 04 Apr 2024 23:10

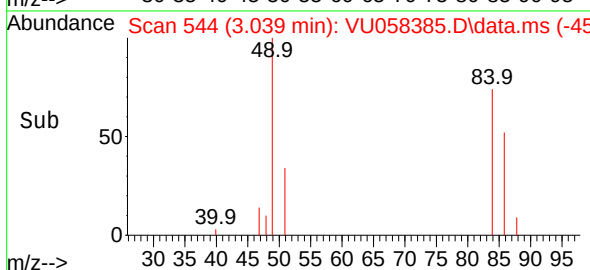
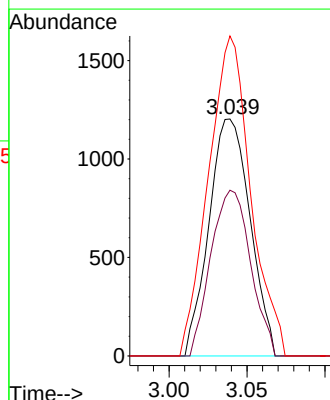
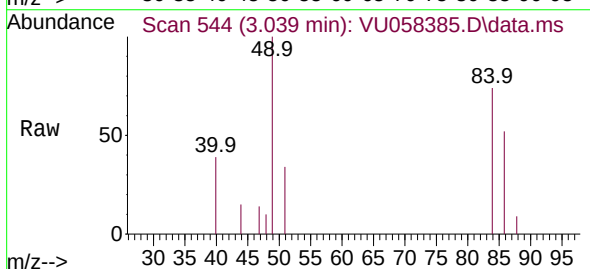
Tgt Ion: 84 Resp: 2214

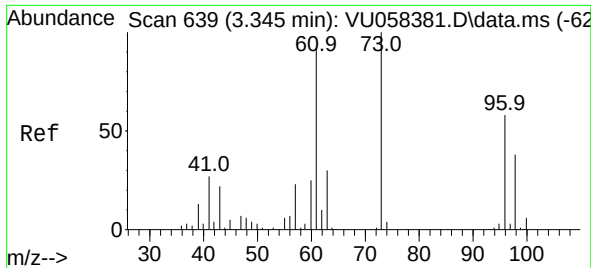
Ion Ratio Lower Upper

84 100

86 70.0 44.3 82.3

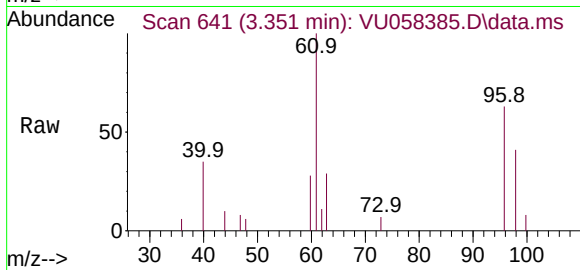
49 135.1 96.0 178.2





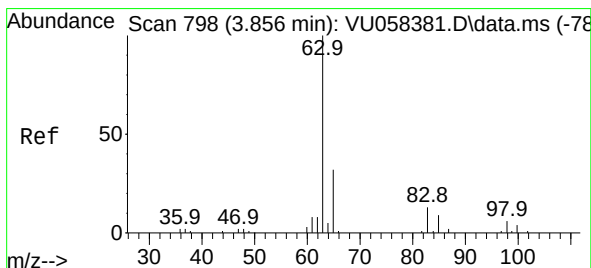
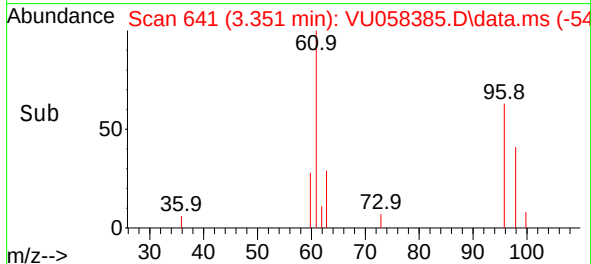
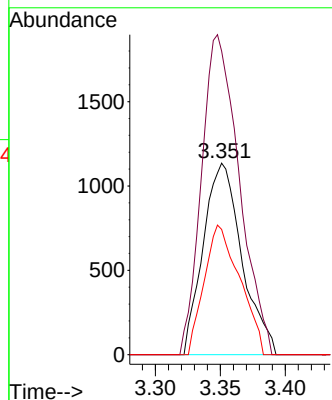
#18
trans-1,2-Dichloroethene
Concen: 0.356 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU058385.D
Acq: 04 Apr 2024 23:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 2349

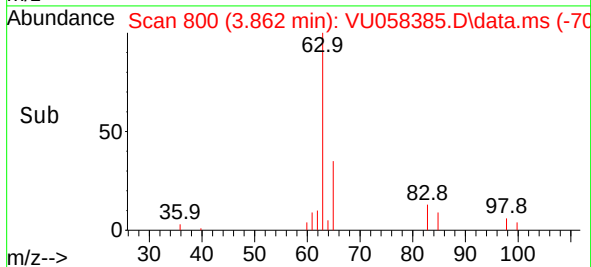
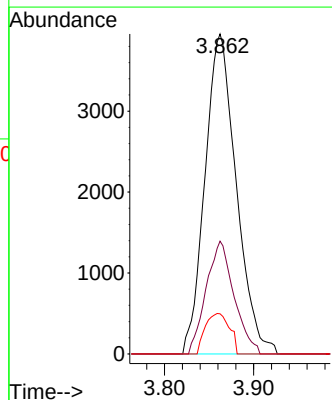
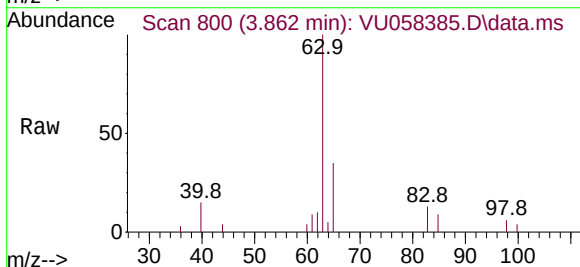
Ion	Ratio	Lower	Upper
96	100		
61	158.5	107.6	199.8
98	65.5	45.1	83.7

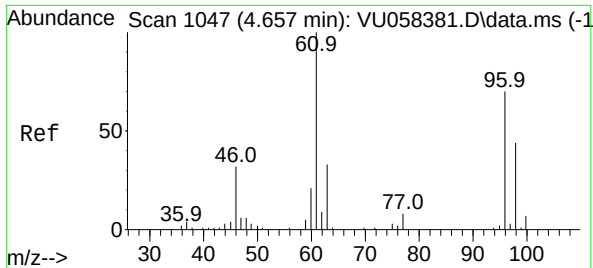


#19
1,1-Dichloroethane
Concen: 0.670 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.006 min
Lab File: VU058385.D
Acq: 04 Apr 2024 23:10

Tgt Ion: 63 Resp: 9660

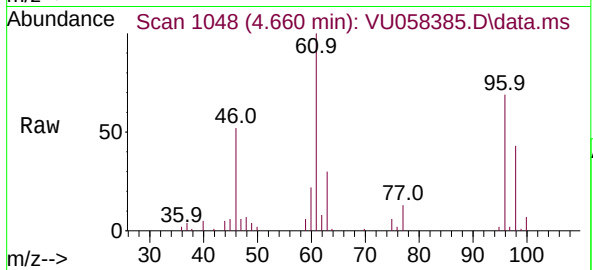
Ion	Ratio	Lower	Upper
63	100		
65	35.3	22.9	42.5
83	12.5	9.6	17.8





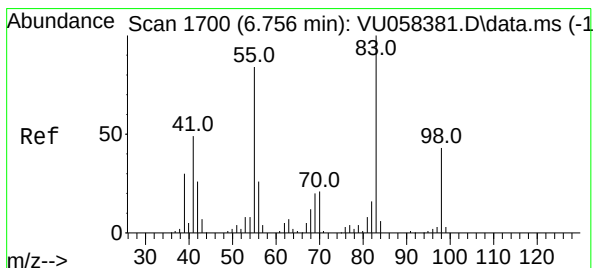
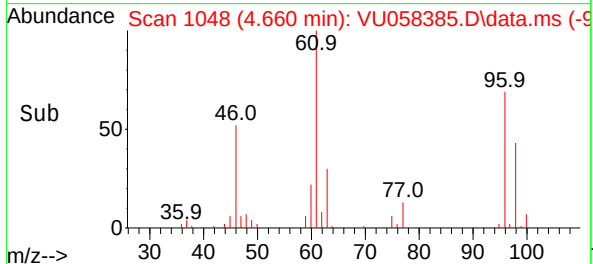
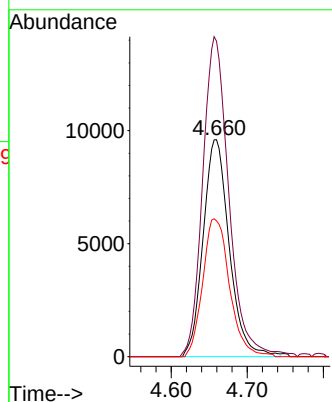
#22
 cis-1,2-Dichloroethene
 Concen: 3.094 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU058385.D
 Acq: 04 Apr 2024 23:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 22956

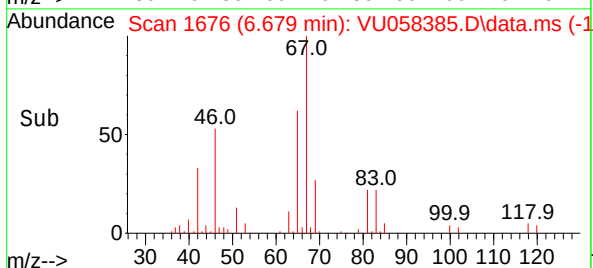
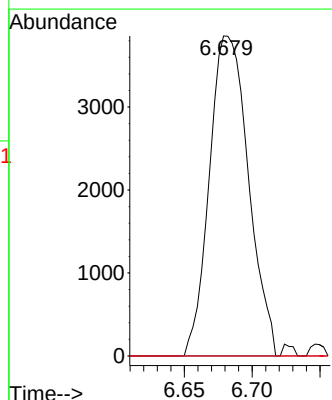
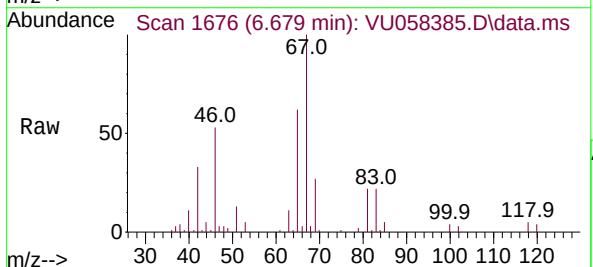
Ion	Ratio	Lower	Upper
96	100		
61	145.5	98.1	182.3
98	62.6	43.6	81.0

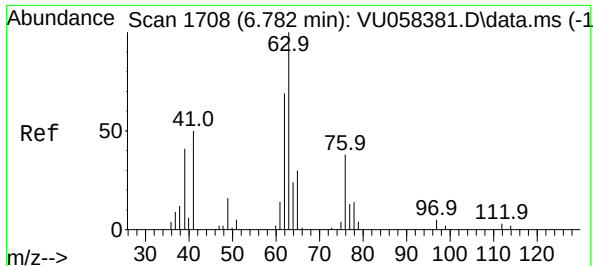


#35
 Methylcyclohexane
 Concen: 0.656 ug/L
 RT: 6.679 min Scan# 1676
 Delta R.T. -0.077 min
 Lab File: VU058385.D
 Acq: 04 Apr 2024 23:10

Tgt Ion: 83 Resp: 7734

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.2	99.4#
98	0.0	34.6	52.0#

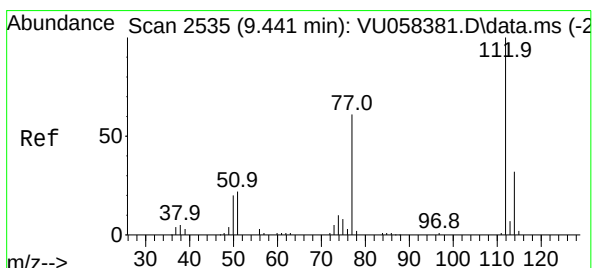
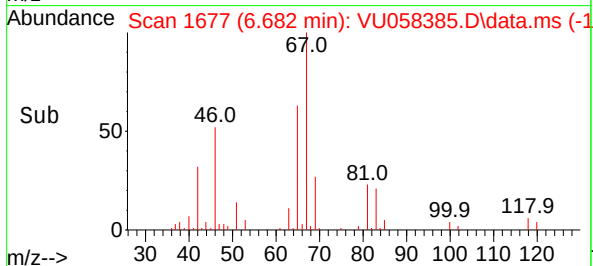
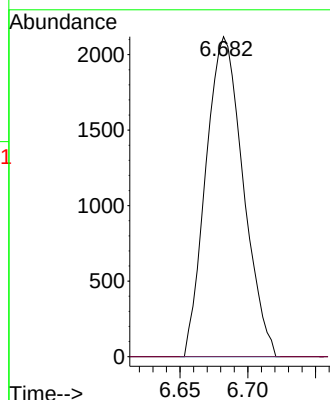
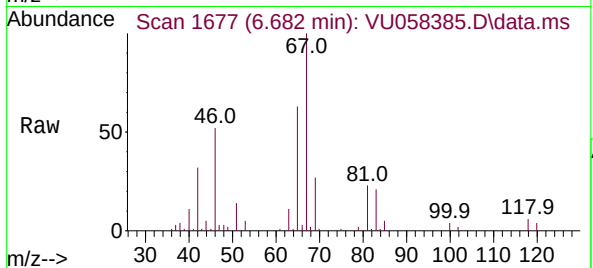




#37
1,2-Dichloropropane
Concen: 0.497 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058385.D
Acq: 04 Apr 2024 23:10

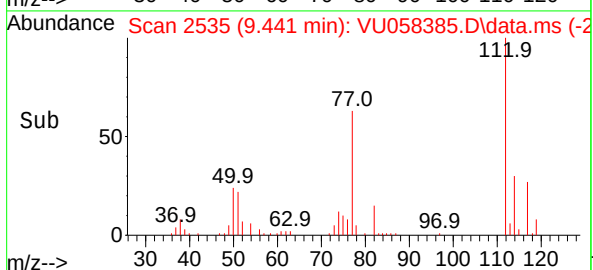
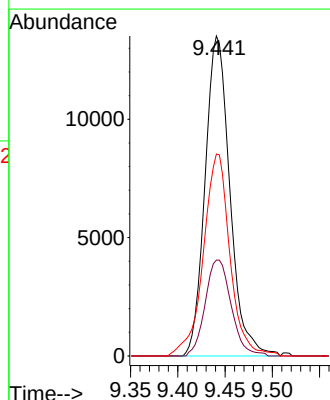
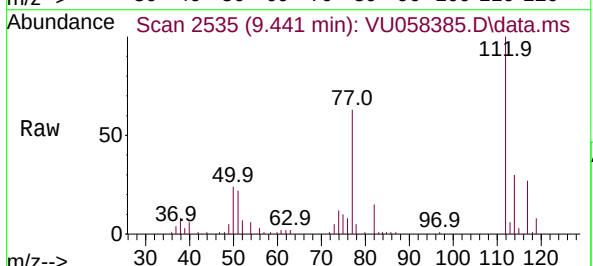
Instrument :
MSVOA_U
ClientSampleId :

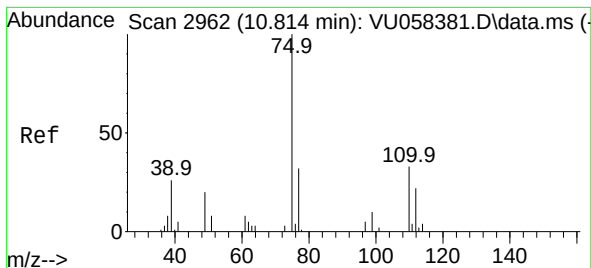
Tgt Ion: 63 Resp: 4056
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#51
Chlorobenzene
Concen: 1.254 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058385.D
Acq: 04 Apr 2024 23:10

Tgt Ion: 112 Resp: 24702
Ion Ratio Lower Upper
112 100
114 30.0 22.4 41.6
77 63.1 50.1 75.1





#61

1,2,3-Trichloropropane

Concen: 2.668 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.926 min

Lab File: VU058385.D

Acq: 04 Apr 2024 23:10

Instrument :

MSVOA_U

ClientSampleId :

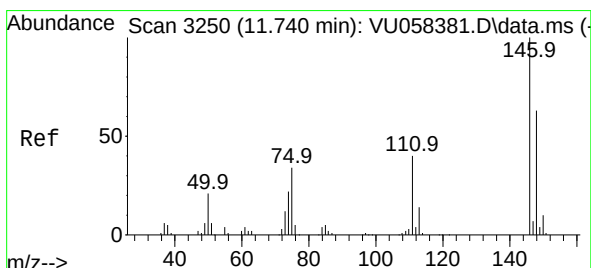
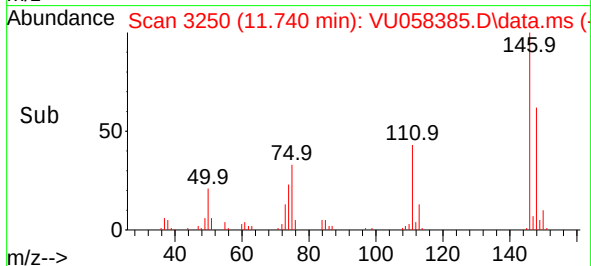
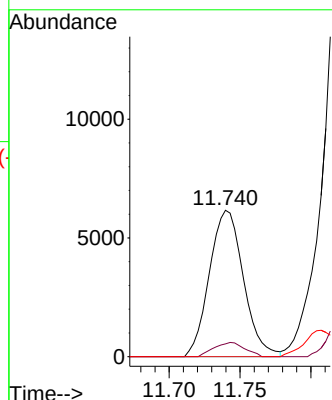
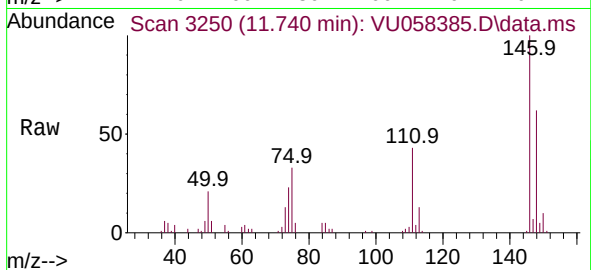
Tgt Ion: 75 Resp: 10316

Ion Ratio Lower Upper

75 100

110 8.8 25.8 38.6#

77 0.0 25.1 37.7#



#64

1,3-Dichlorobenzene

Concen: 2.288 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU058385.D

Acq: 04 Apr 2024 23:10

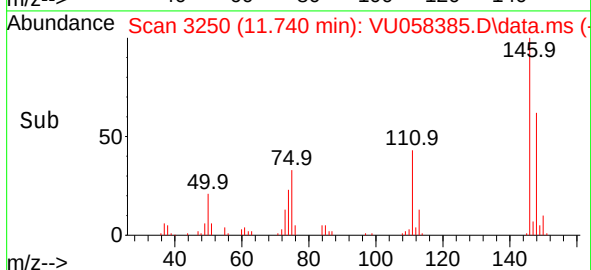
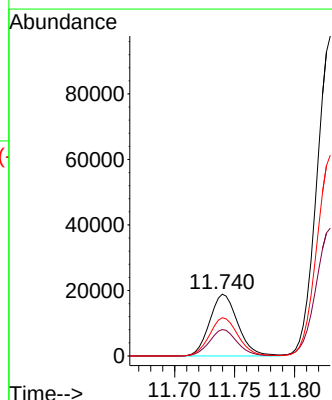
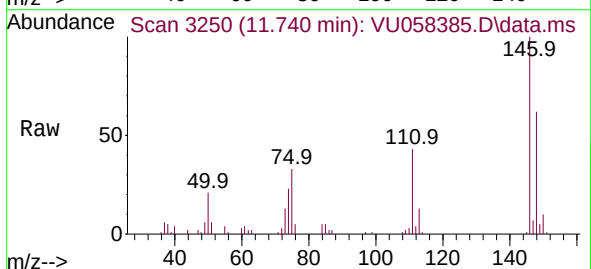
Tgt Ion:146 Resp: 30834

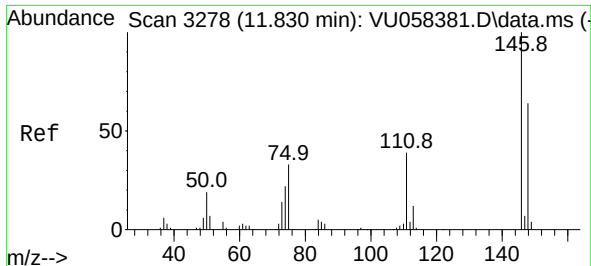
Ion Ratio Lower Upper

146 100

111 42.9 28.8 53.4

148 61.8 44.9 83.3





#65

1,4-Dichlorobenzene

Concen: 12.004 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VU058385.D

Acq: 04 Apr 2024 23:10

Instrument :

MSVOA_U

ClientSampleId :

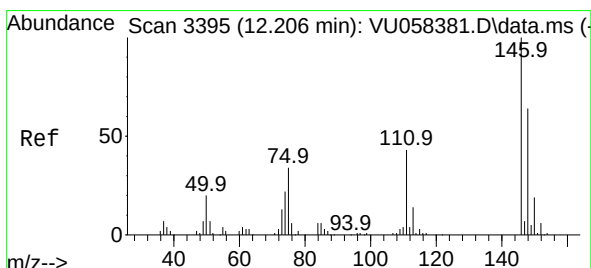
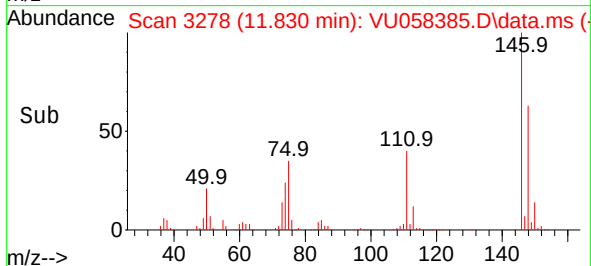
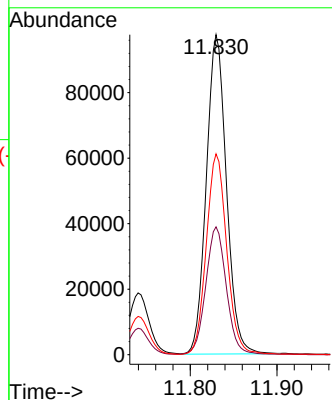
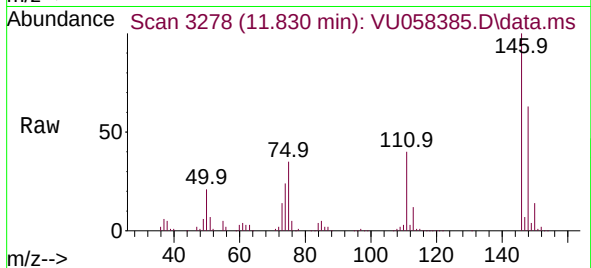
Tgt Ion:146 Resp: 157607

Ion Ratio Lower Upper

146 100

111 40.0 28.8 53.6

148 62.7 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 0.206 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU058385.D

Acq: 04 Apr 2024 23:10

Tgt Ion:146 Resp: 2522

Ion Ratio Lower Upper

146 100

111 50.3 35.0 52.4

148 68.5 52.5 78.7

