

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058407.D
 Acq On : 05 Apr 2024 10:08
 Operator : MD/SY
 Sample : P1925-12DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:33:39 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)

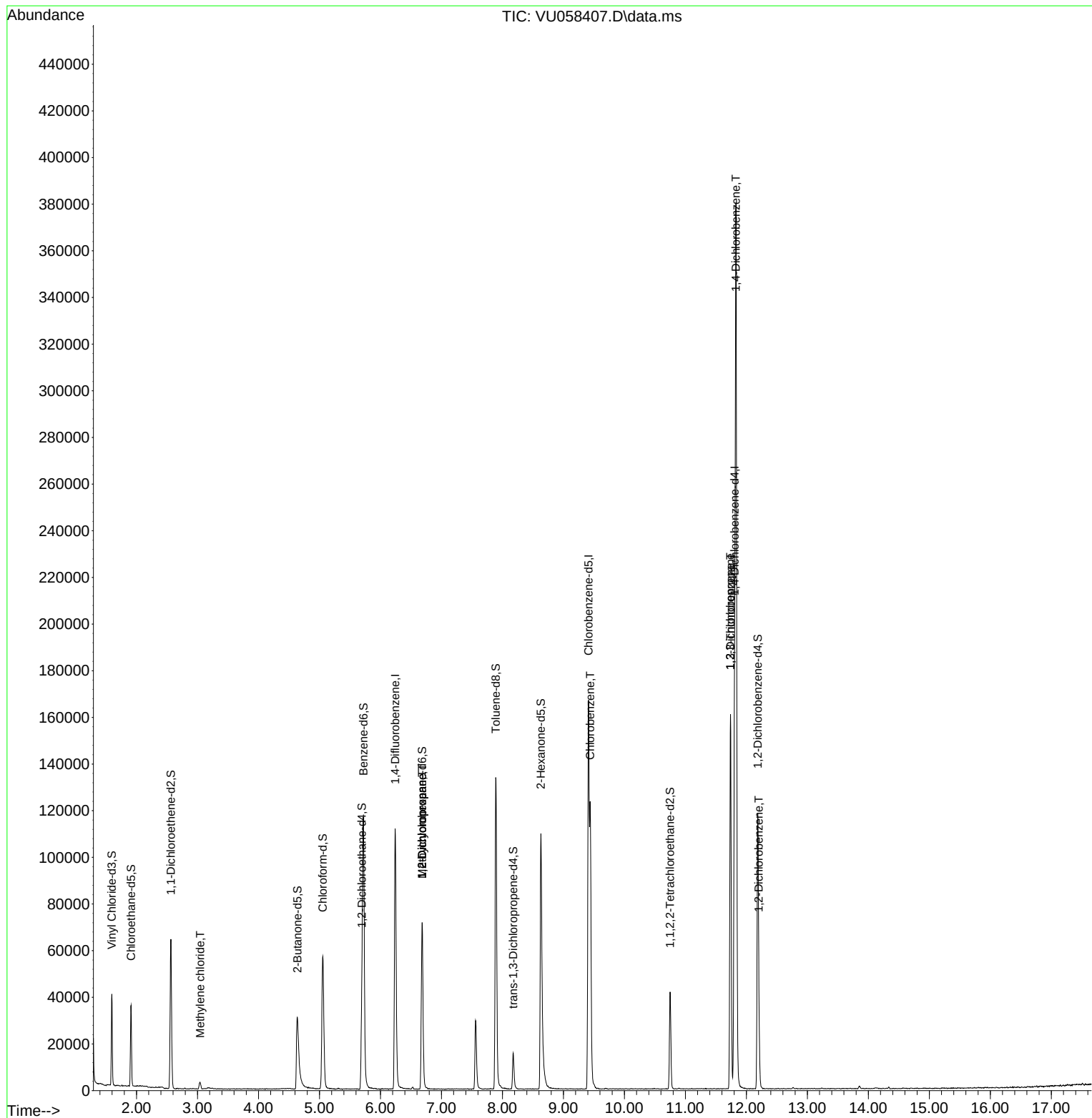
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	89982	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	87288	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	41213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26932	4.521	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	90.400%		
7) Chloroethane-d5	1.911	69	24339	4.701	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	94.000%		
11) 1,1-Dichloroethene-d2	2.563	65	12168	4.513	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	90.200%		
20) 2-Butanone-d5	4.637	46	56898	45.321	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	90.640%		
24) Chloroform-d	5.055	84	54406	4.575	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.400%		
26) 1,2-Dichloroethane-d4	5.695	65	26755	4.821	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.400%		
32) Benzene-d6	5.721	84	109616	4.664	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.200%		
36) 1,2-Dichloropropane-d6	6.685	67	35117	4.765	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	95.200%		
41) Toluene-d8	7.891	98	92537	4.440	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.800%		
43) trans-1,3-Dichloroprop...	8.177	79	9801	4.284	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	85.600%		
46) 2-Hexanone-d5	8.631	63	40034	42.429	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	84.860%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21178	4.071	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	81.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	29600	4.264	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	85.200%		
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	1501	0.177	ug/L	94
35) Methylcyclohexane	6.682	83	7597	0.632	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	3747	0.450	ug/L #	90
51) Chlorobenzene	9.441	112	60737	3.024	ug/L	99
61) 1,2,3-Trichloropropane	11.740	75	20597	4.898	ug/L #	52
64) 1,3-Dichlorobenzene	11.740	146	62373	4.256	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	142489	9.979	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	6392	0.479	ug/L	97

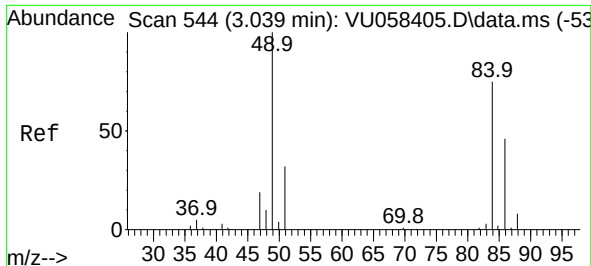
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.177 ug/L

RT: 3.042 min Scan# 54

Delta R.T. 0.003 min

Lab File: VU058407.D

Acq: 05 Apr 2024 10:08

Instrument :

MSVOA_U

ClientSampleId :

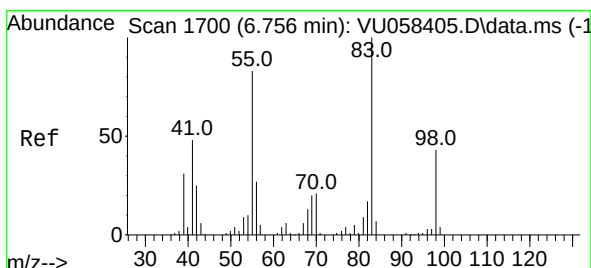
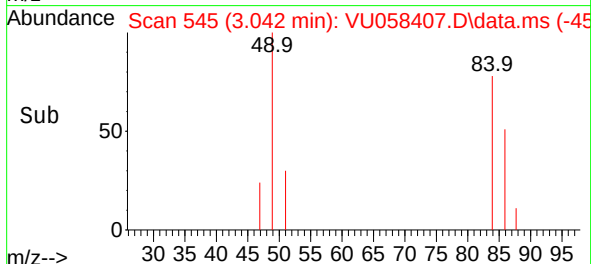
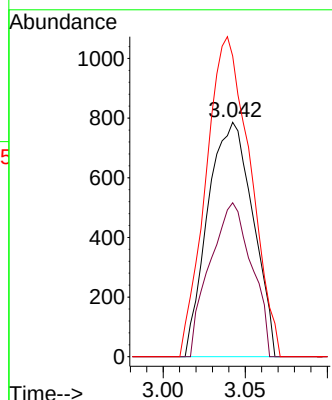
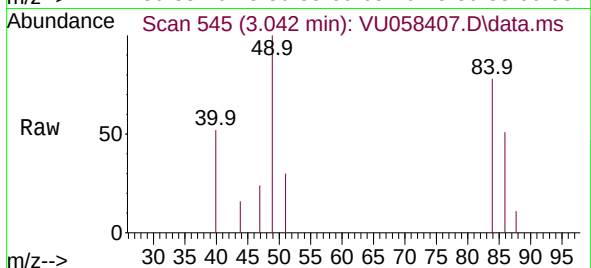
Tgt Ion: 84 Resp: 1501

Ion Ratio Lower Upper

84 100

86 65.6 44.3 82.3

49 128.2 96.0 178.2



#35

Methylcyclohexane

Concen: 0.632 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058407.D

Acq: 05 Apr 2024 10:08

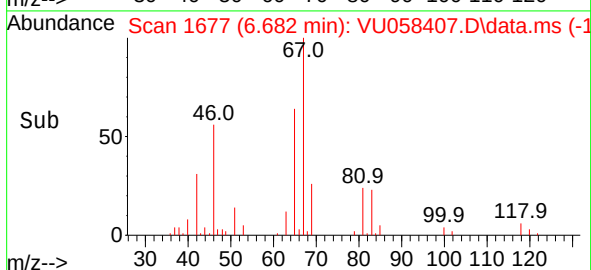
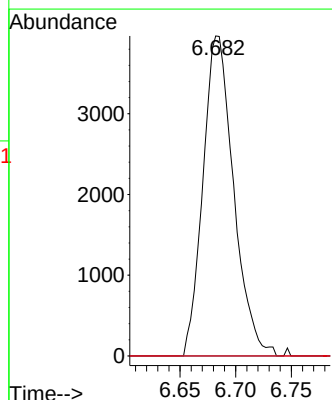
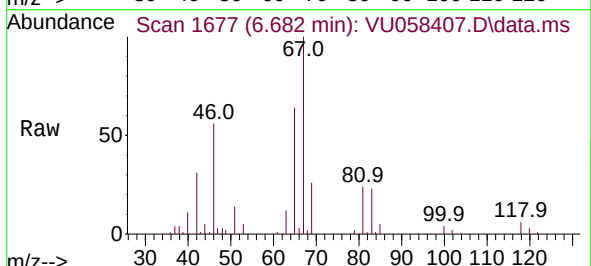
Tgt Ion: 83 Resp: 7597

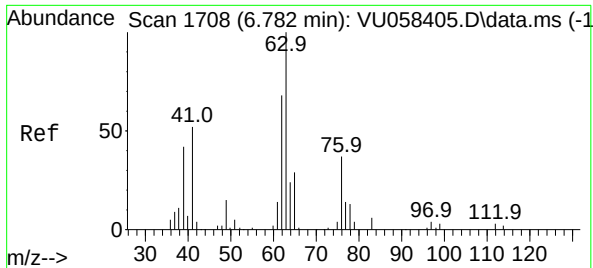
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.9 34.6 52.0#

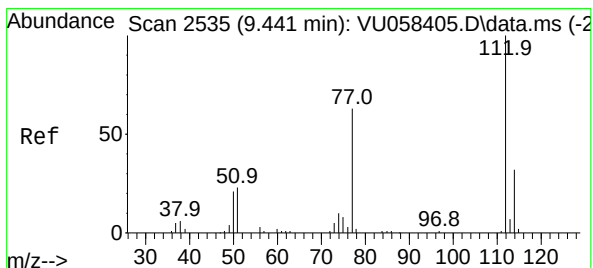
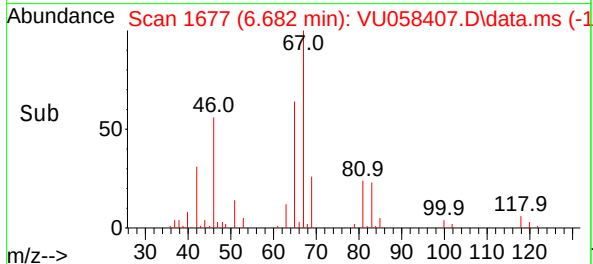
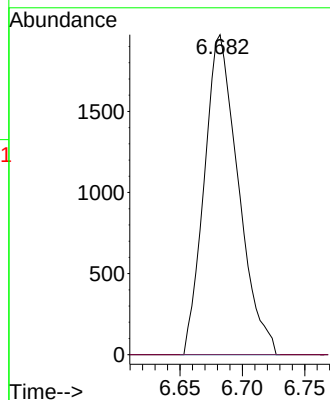
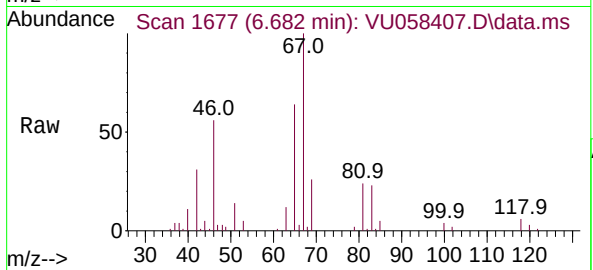




#37
1,2-Dichloropropane
Concen: 0.450 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058407.D
Acq: 05 Apr 2024 10:08

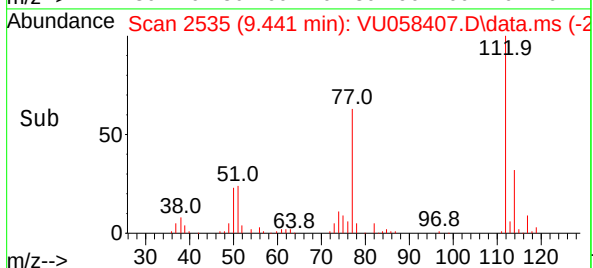
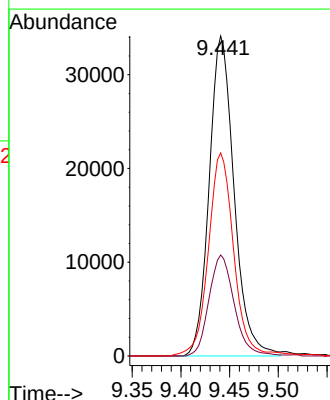
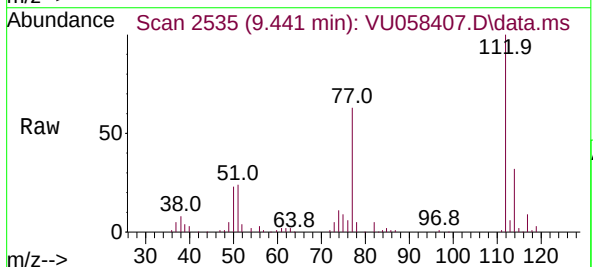
Instrument :
MSVOA_U
ClientSampleId :

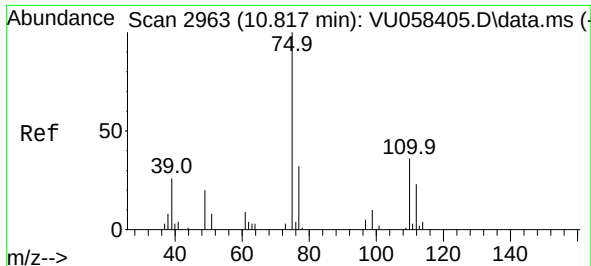
Tgt Ion: 63 Resp: 3747
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#51
Chlorobenzene
Concen: 3.024 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU058407.D
Acq: 05 Apr 2024 10:08

Tgt Ion: 112 Resp: 60737
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 63.5 50.1 75.1





#61

1,2,3-Trichloropropane

Concen: 4.898 ug/L

RT: 11.740 min Scan# 31

Delta R.T. 0.923 min

Lab File: VU058407.D

Acq: 05 Apr 2024 10:08

Instrument :

MSVOA_U

ClientSampleId :

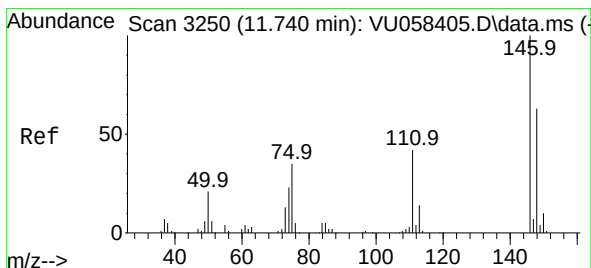
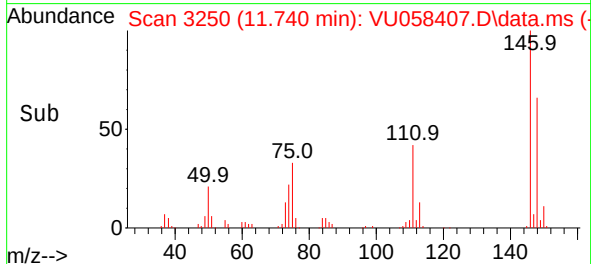
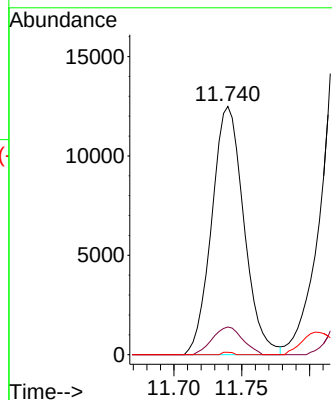
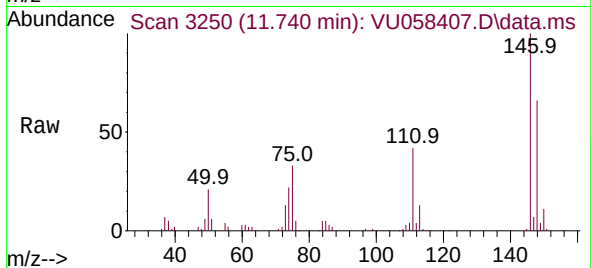
Tgt Ion: 75 Resp: 20597

Ion Ratio Lower Upper

75 100

110 10.5 25.8 38.6#

77 0.0 25.1 37.7#



#64

1,3-Dichlorobenzene

Concen: 4.256 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. -0.000 min

Lab File: VU058407.D

Acq: 05 Apr 2024 10:08

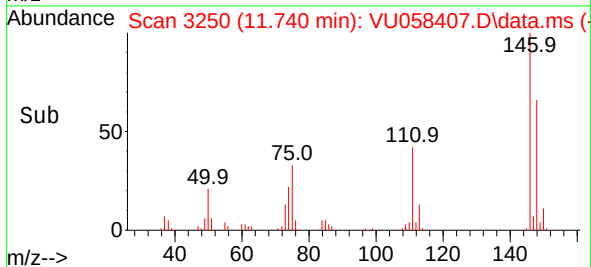
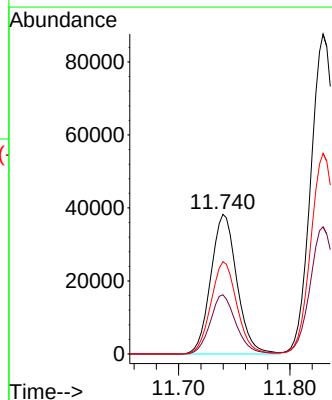
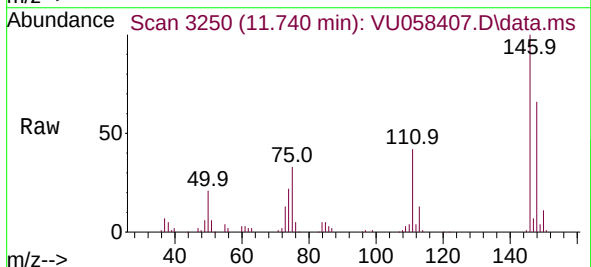
Tgt Ion:146 Resp: 62373

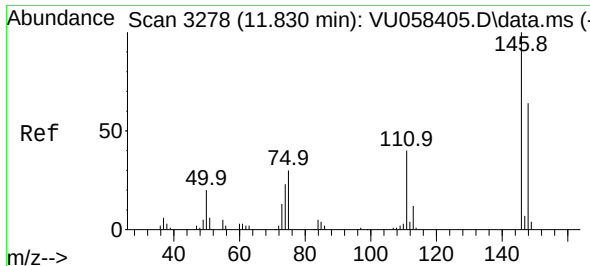
Ion Ratio Lower Upper

146 100

111 42.3 28.8 53.4

148 66.1 44.9 83.3





#65

1,4-Dichlorobenzene

Concen: 9.979 ug/L

RT: 11.830 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU058407.D

Acq: 05 Apr 2024 10:08

Instrument :

MSVOA_U

ClientSampleId :

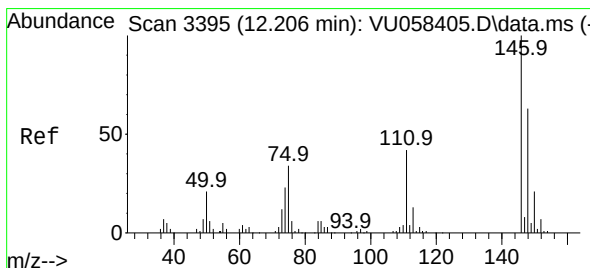
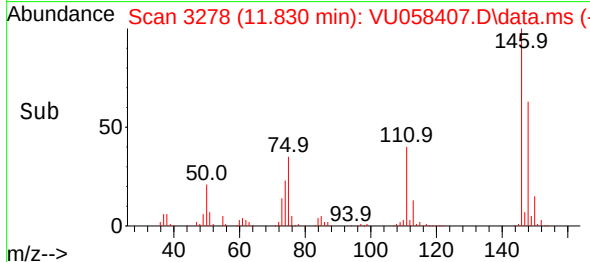
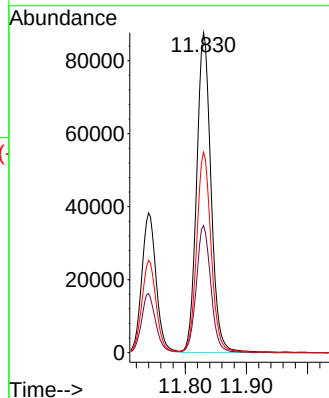
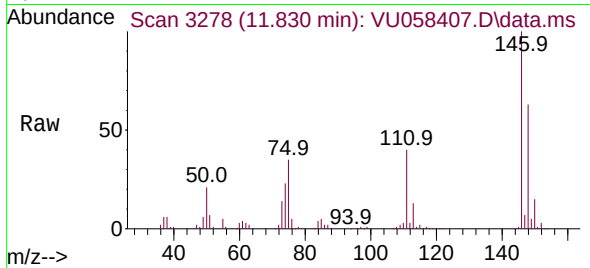
Tgt Ion:146 Resp: 142489

Ion Ratio Lower Upper

146 100

111 39.8 28.8 53.6

148 62.7 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 0.479 ug/L

RT: 12.203 min Scan# 3394

Delta R.T. -0.003 min

Lab File: VU058407.D

Acq: 05 Apr 2024 10:08

Tgt Ion:146 Resp: 6392

Ion Ratio Lower Upper

146 100

111 46.4 35.0 52.4

148 64.3 52.5 78.7

