

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058564.D
 Acq On : 10 Apr 2024 16:55
 Operator : MD/SY
 Sample : P1948-19DL 2000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 11 01:32:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 11 01:28:06 2024
 Response via : Initial Calibration

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

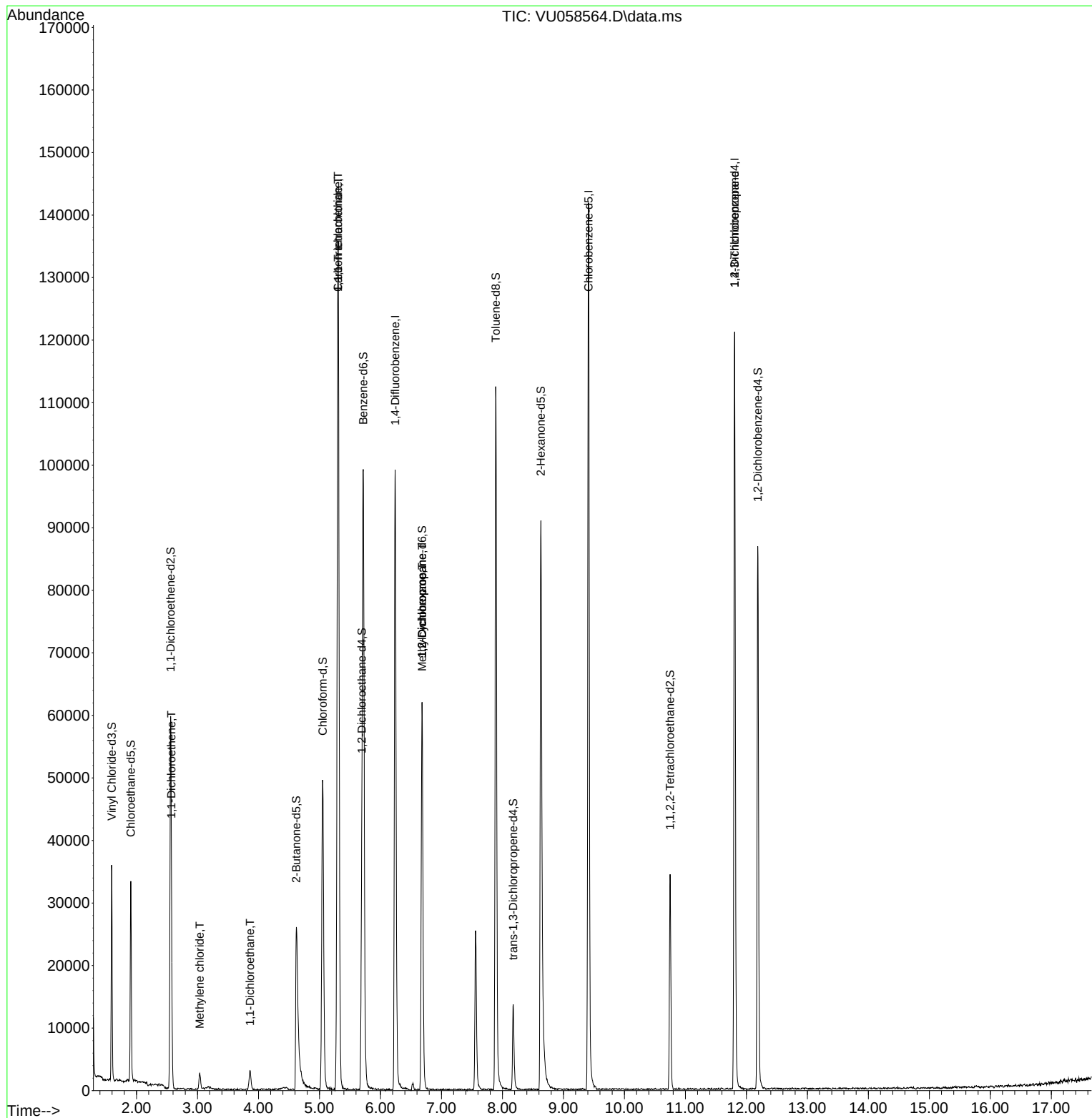
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	77296	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	77128	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31866	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23104	4.515	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	90.200%		
7) Chloroethane-d5	1.907	69	21710	4.882	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	97.600%		
11) 1,1-Dichloroethene-d2	2.560	65	10479	4.524	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	90.400%		
20) 2-Butanone-d5	4.621	46	46004	42.657	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery =	85.320%		
24) Chloroform-d	5.052	84	45964	4.499	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.000%		
26) 1,2-Dichloroethane-d4	5.695	65	23066	4.838	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.800%		
32) Benzene-d6	5.717	84	92448	4.452	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.000%		
36) 1,2-Dichloropropane-d6	6.682	67	29634	4.551	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	91.000%		
41) Toluene-d8	7.891	98	76003	4.127	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.600%		
43) trans-1,3-Dichloroprop...	8.177	79	8351	4.131	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	82.600%		
46) 2-Hexanone-d5	8.630	63	32265	38.699	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	77.400%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	17999	3.915	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	78.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	22574	4.206	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	84.200%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	3743	0.683	ug/L #	1
16) Methylene chloride	3.036	84	1131	0.156	ug/L	90
19) 1,1-Dichloroethane	3.862	63	4424	0.353	ug/L	93
29) 1,1,1-Trichloroethane	5.306	97	95457	9.231	ug/L	98
31) Carbon tetrachloride	5.306	117	11756	1.342	ug/L	98
35) Methylcyclohexane	6.685	83	6432	0.606	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3237	0.440	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4496	1.383	ug/L #	71

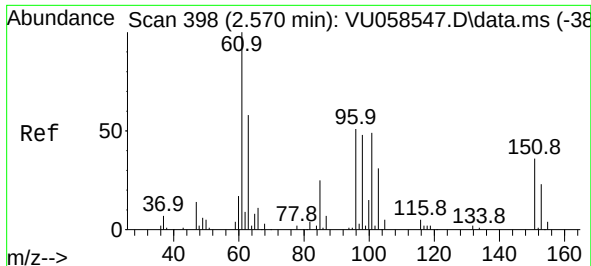
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#12

1,1-Dichloroethene

Concen: 0.683 ug/L

RT: 2.573 min Scan# 398

Delta R.T. 0.003 min

Lab File: VU058564.D

Acq: 10 Apr 2024 16:55

Instrument :

MSVOA_U

ClientSampleId :

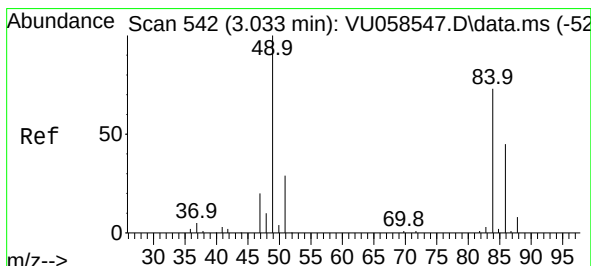
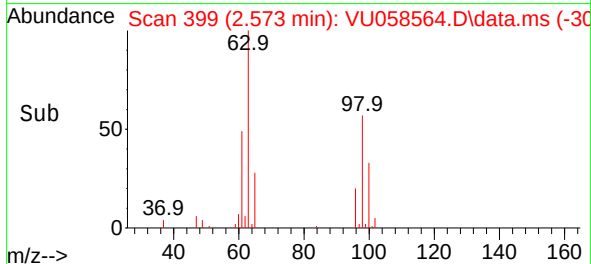
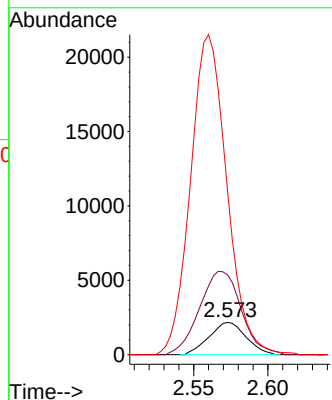
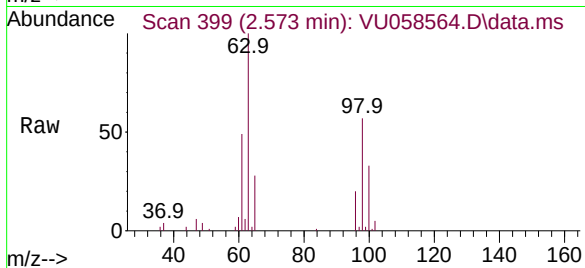
Tgt Ion: 96 Resp: 3743

Ion Ratio Lower Upper

96 100

61 246.5 132.5 246.1#

63 501.4 87.7 162.9#



#16

Methylene chloride

Concen: 0.156 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.003 min

Lab File: VU058564.D

Acq: 10 Apr 2024 16:55

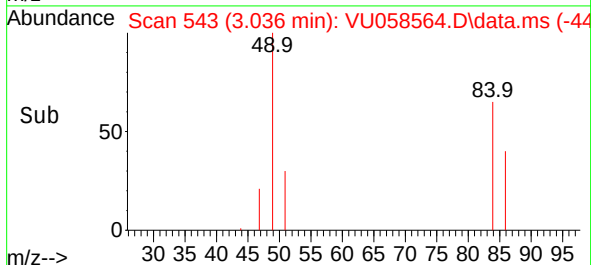
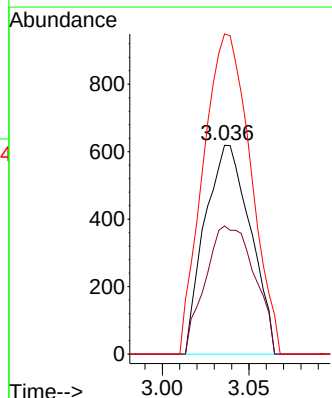
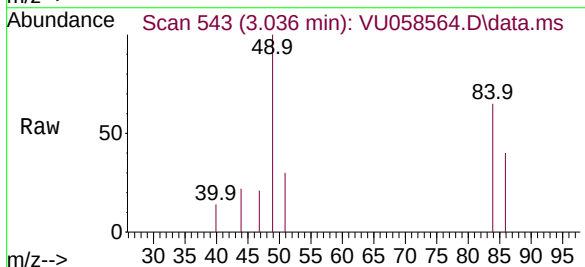
Tgt Ion: 84 Resp: 1131

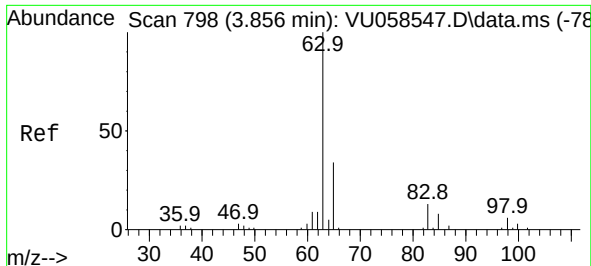
Ion Ratio Lower Upper

84 100

86 61.4 44.3 82.3

49 153.3 96.0 178.2





#19

1,1-Dichloroethane

Concen: 0.353 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.006 min

Lab File: VU058564.D

Acq: 10 Apr 2024 16:55

Instrument :

MSVOA_U

ClientSampleId :

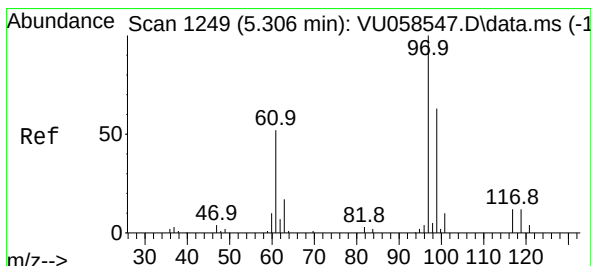
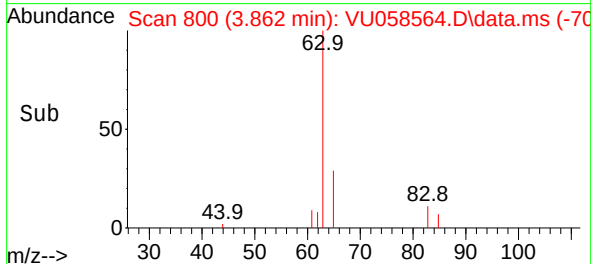
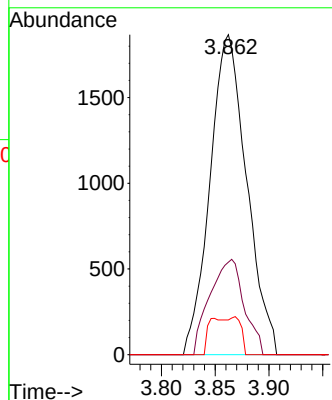
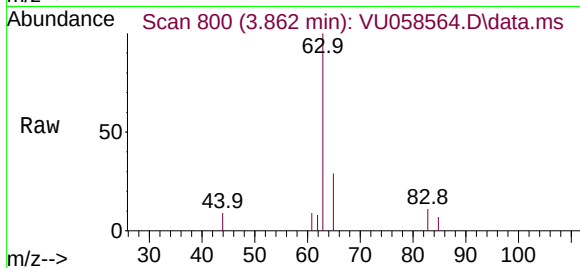
Tgt Ion: 63 Resp: 4424

Ion Ratio Lower Upper

63 100

65 28.9 22.9 42.5

83 10.9 9.6 17.8



#29

1,1,1-Trichloroethane

Concen: 9.231 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU058564.D

Acq: 10 Apr 2024 16:55

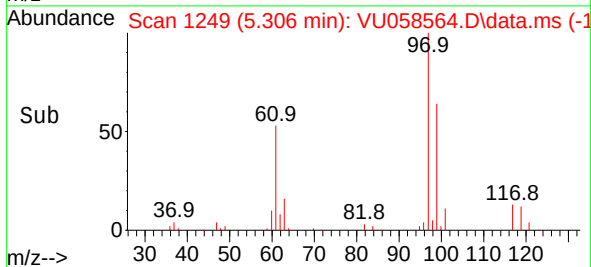
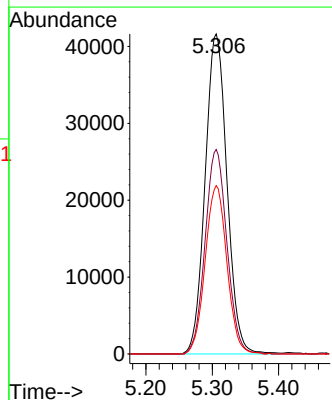
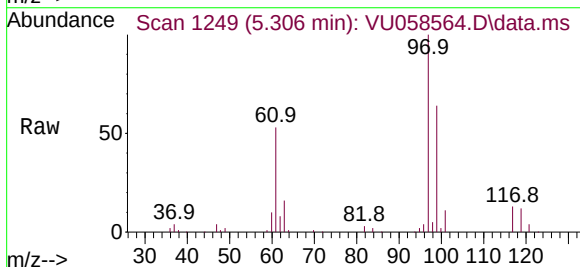
Tgt Ion: 97 Resp: 95457

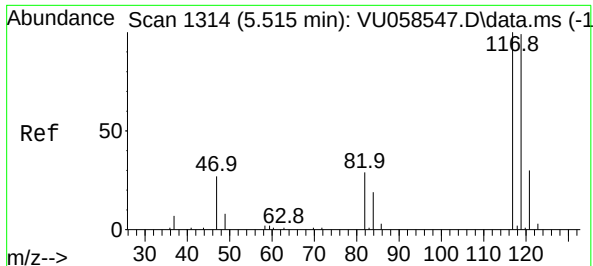
Ion Ratio Lower Upper

97 100

99 63.7 50.4 75.6

61 52.2 39.4 59.0

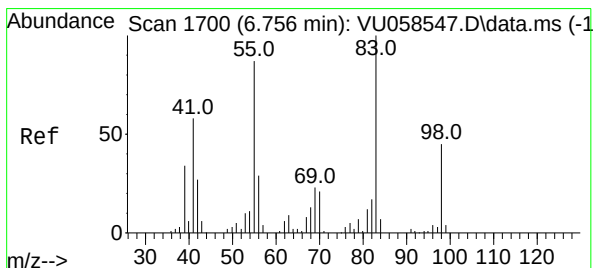
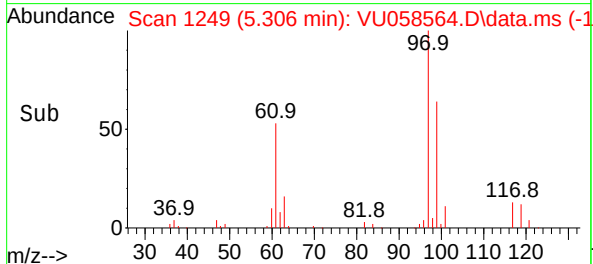
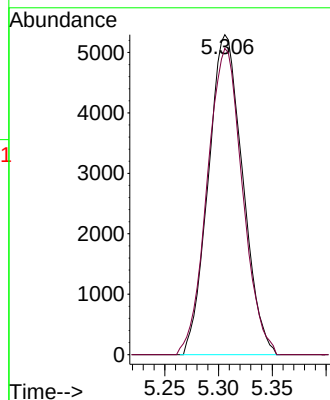
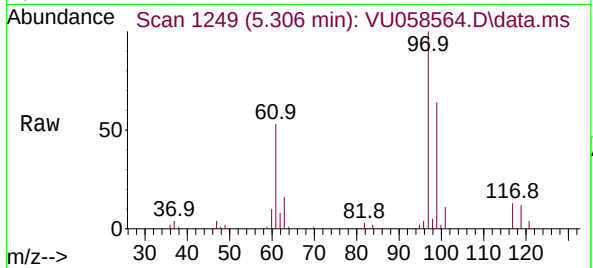




#31
Carbon tetrachloride
Concen: 1.342 ug/L
RT: 5.306 min Scan# 11756
Delta R.T. -0.209 min
Lab File: VU058564.D
Acq: 10 Apr 2024 16:55

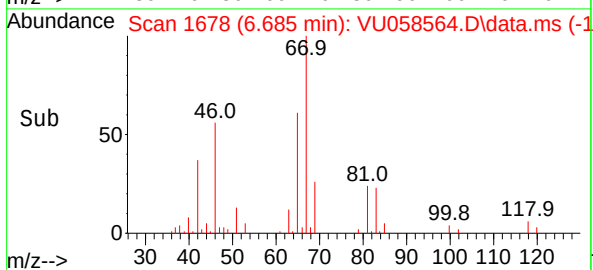
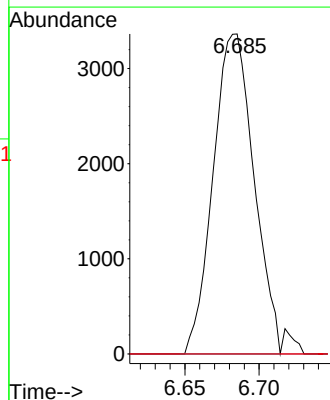
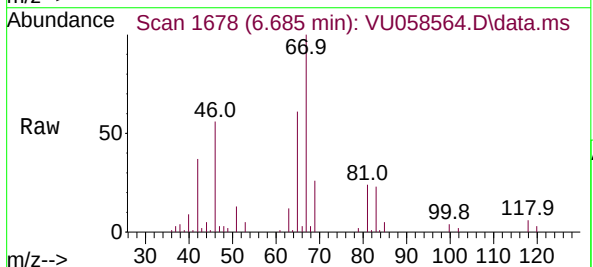
Instrument :
MSVOA_U
ClientSampleId :

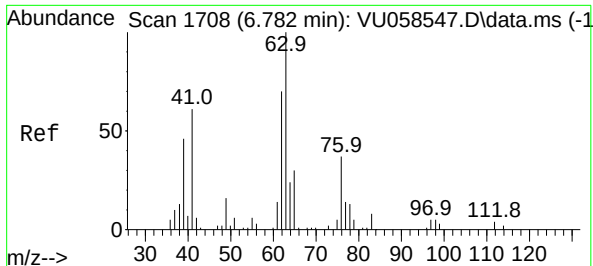
Tgt Ion:117 Resp: 11756
Ion Ratio Lower Upper
117 100
119 98.1 76.7 115.1



#35
Methylcyclohexane
Concen: 0.606 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU058564.D
Acq: 10 Apr 2024 16:55

Tgt Ion: 83 Resp: 6432
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

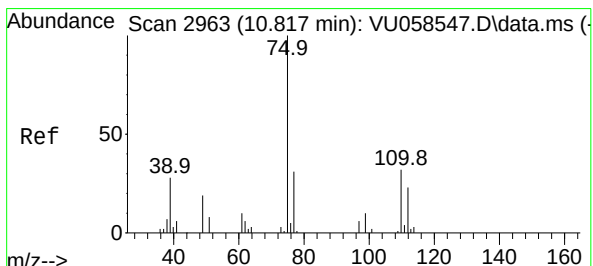
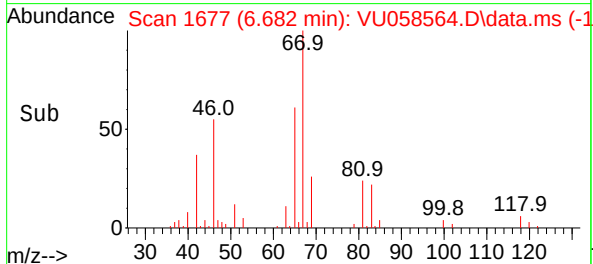
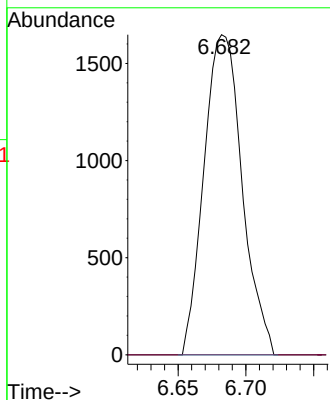
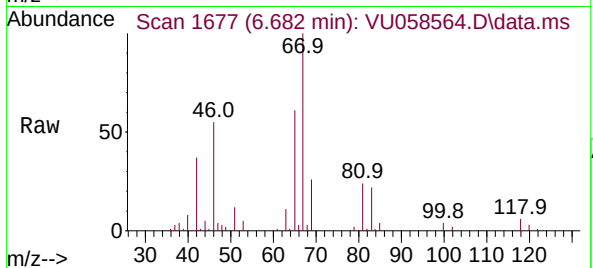




#37
1,2-Dichloropropane
Concen: 0.440 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058564.D
Acq: 10 Apr 2024 16:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3237
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.383 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058564.D
Acq: 10 Apr 2024 16:55

Tgt Ion: 75 Resp: 4496
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 31.2 25.1 37.7

