

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058614.D
 Acq On : 11 Apr 2024 17:35
 Operator : MD/SY
 Sample : P1948-05DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:29:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:25:12 2024
 Response via : Initial Calibration

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

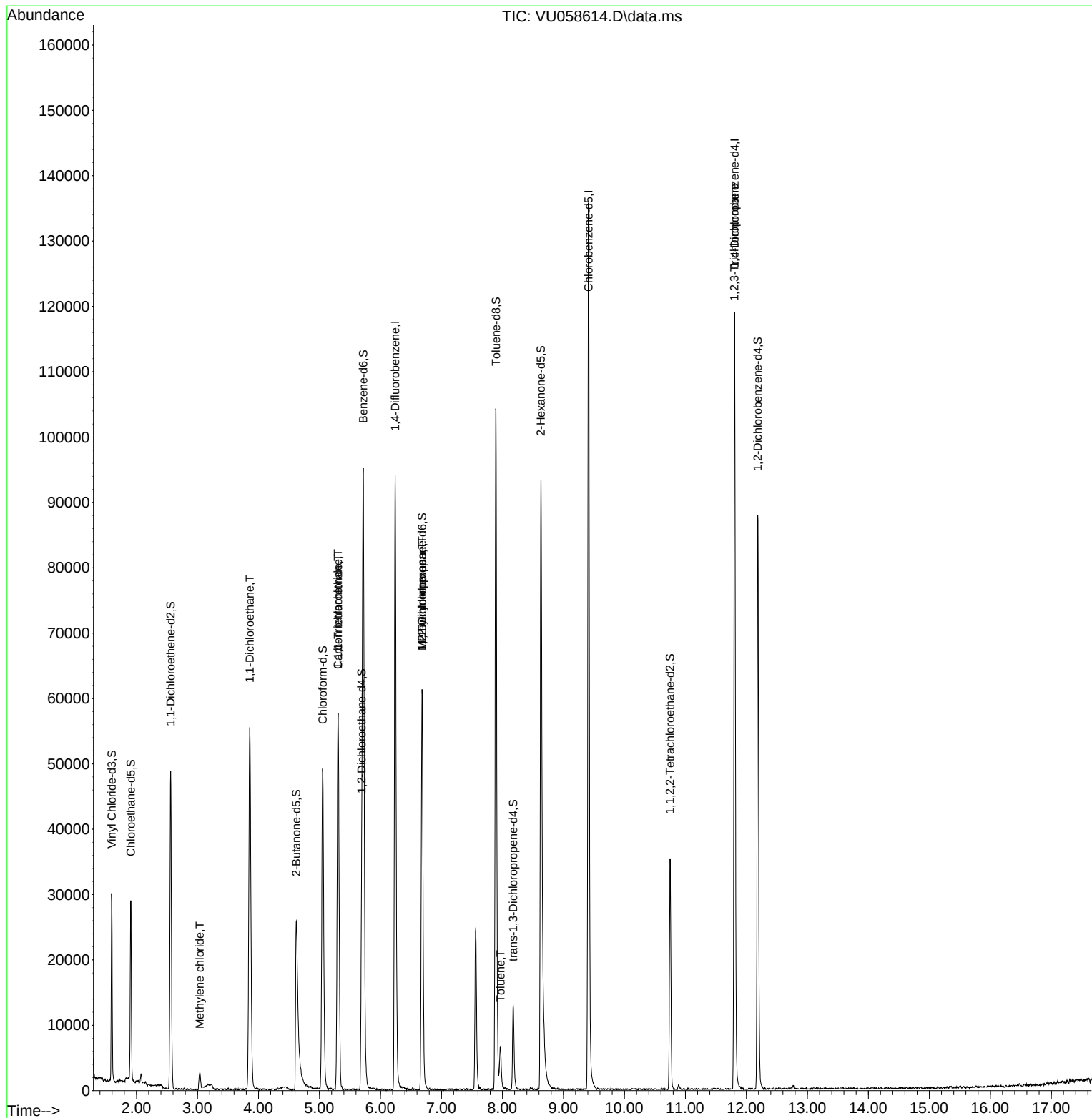
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72037	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	71944	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29881	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19484	4.085	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	81.800%		
7) Chloroethane-d5	1.907	69	19211	4.635	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	92.800%		
11) 1,1-Dichloroethene-d2	2.560	65	10031	4.647	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	93.000%		
20) 2-Butanone-d5	4.621	46	47644	47.403	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	94.800%		
24) Chloroform-d	5.052	84	46485	4.882	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.600%		
26) 1,2-Dichloroethane-d4	5.692	65	22756	5.122	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	102.400%		
32) Benzene-d6	5.717	84	86873	4.485	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	89.800%		
36) 1,2-Dichloropropane-d6	6.682	67	29904	4.923	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	98.400%		
41) Toluene-d8	7.894	98	71023	4.135	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.600%		
43) trans-1,3-Dichloroprop...	8.177	79	8313	4.409	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	88.200%		
46) 2-Hexanone-d5	8.631	63	33353	42.887	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	85.780%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18757	4.374	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	87.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	22810	4.532	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	90.600%		
Target Compounds						
16) Methylene chloride	3.036	84	1153	0.170	ug/L	89
19) 1,1-Dichloroethane	3.859	63	65526	5.611	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	40223	4.170	ug/L	96
31) Carbon tetrachloride	5.306	117	4606	0.564	ug/L	97
35) Methylcyclohexane	6.685	83	6203	0.626	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	3230	0.471	ug/L #	90
42) Toluene	7.968	91	5283	0.193	ug/L	96
61) 1,2,3-Trichloropropane	11.804	75	4259	1.397	ug/L #	70

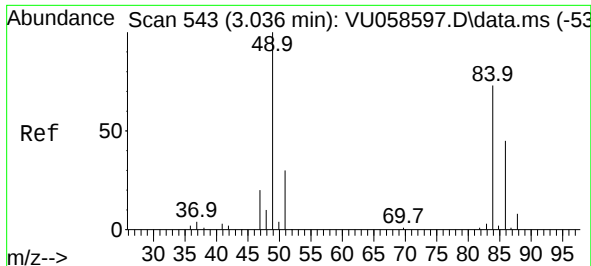
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.170 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.000 min

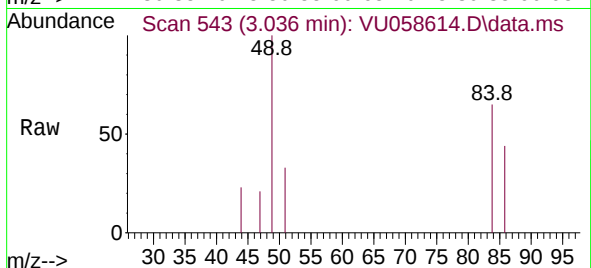
Lab File: VU058614.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :



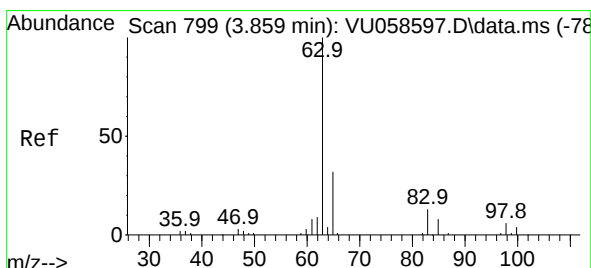
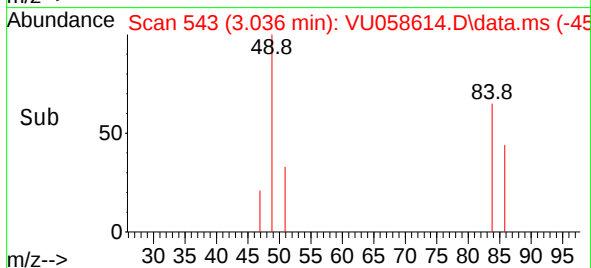
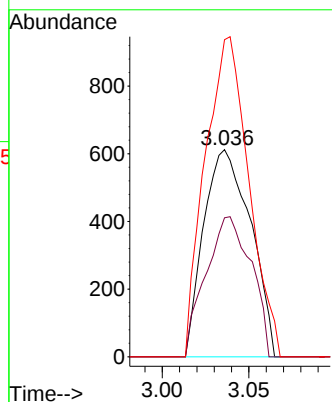
Tgt Ion: 84 Resp: 1153

Ion Ratio Lower Upper

84 100

86 67.2 44.3 82.3

49 153.1 96.0 178.2



#19

1,1-Dichloroethane

Concen: 5.611 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU058614.D

Acq: 11 Apr 2024 17:35

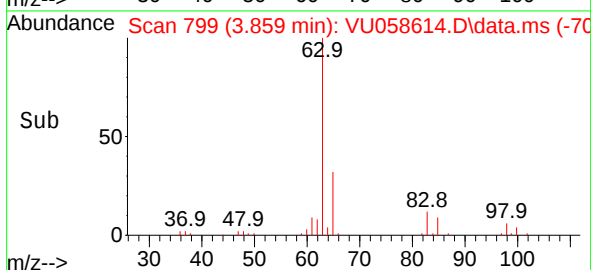
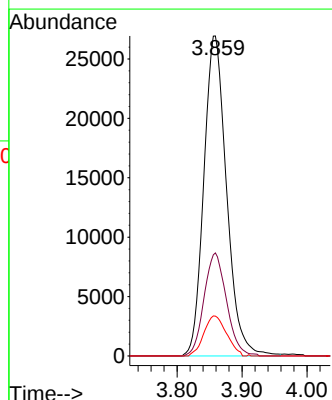
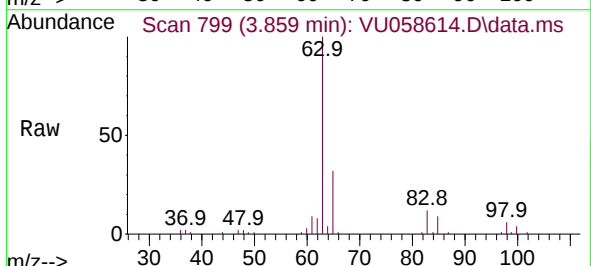
Tgt Ion: 63 Resp: 65526

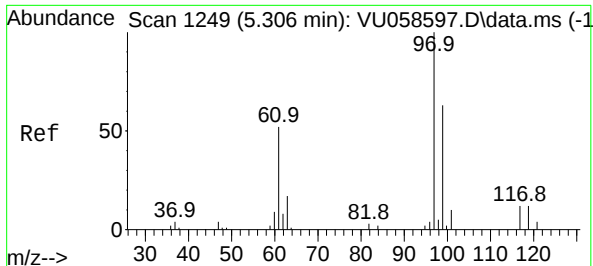
Ion Ratio Lower Upper

63 100

65 32.2 22.9 42.5

83 12.4 9.6 17.8

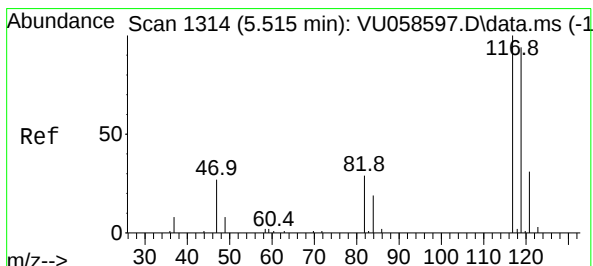
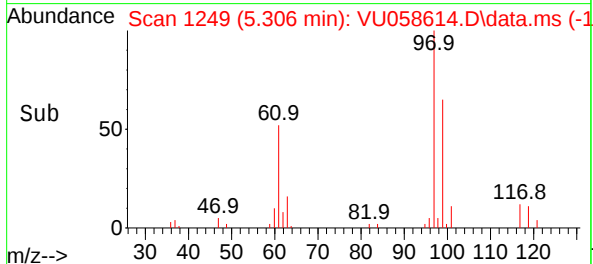
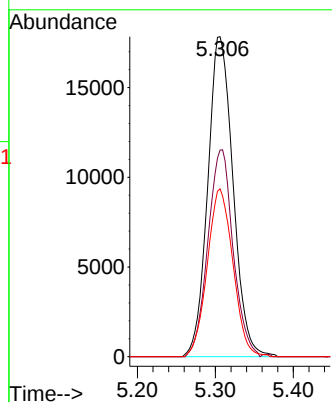
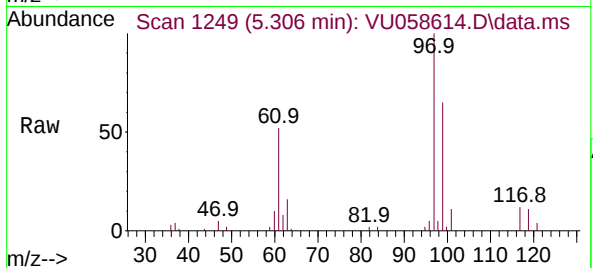




#29
1,1,1-Trichloroethane
Concen: 4.170 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058614.D
Acq: 11 Apr 2024 17:35

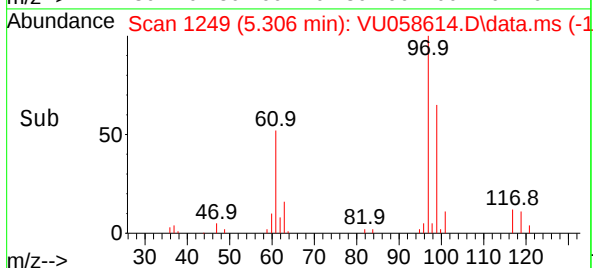
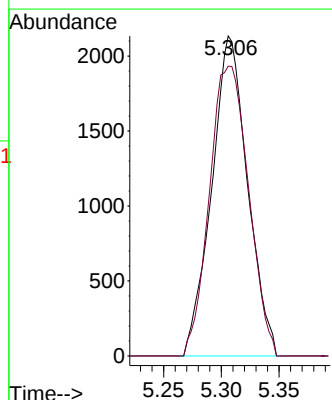
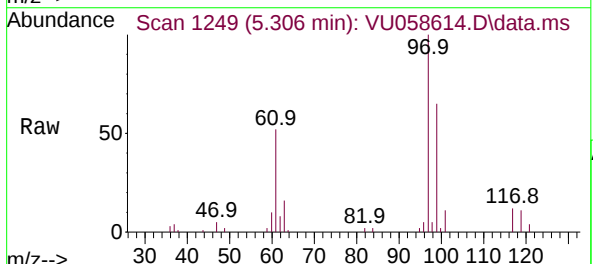
Instrument :
MSVOA_U
ClientSampleId :

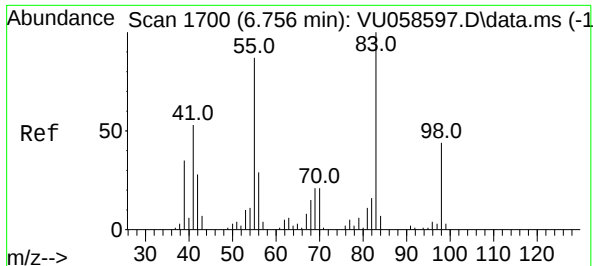
Tgt Ion: 97 Resp: 40223
Ion Ratio Lower Upper
97 100
99 64.5 50.4 75.6
61 53.3 39.4 59.0



#31
Carbon tetrachloride
Concen: 0.564 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.209 min
Lab File: VU058614.D
Acq: 11 Apr 2024 17:35

Tgt Ion:117 Resp: 4606
Ion Ratio Lower Upper
117 100
119 99.0 76.7 115.1





#35

Methylcyclohexane

Concen: 0.626 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU058614.D

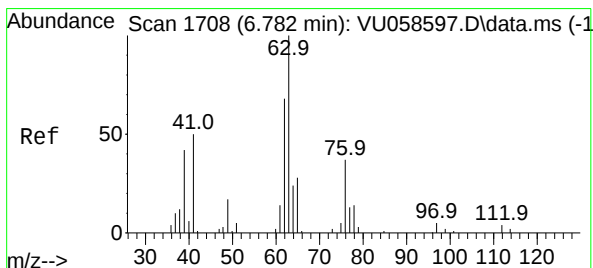
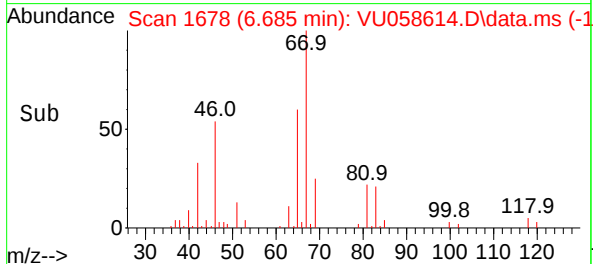
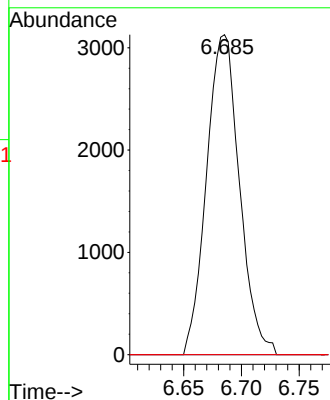
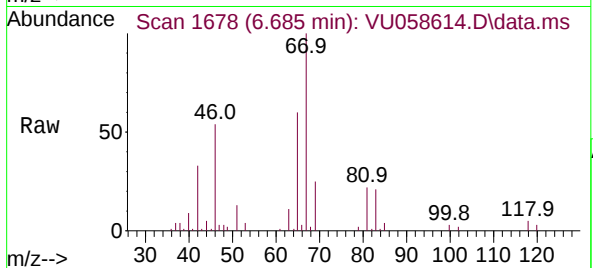
Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 6203
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: 0.471 ug/L

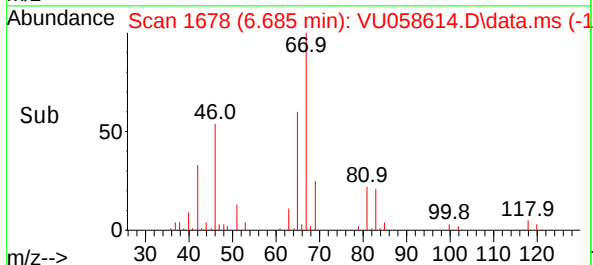
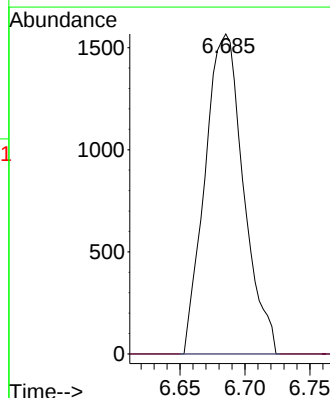
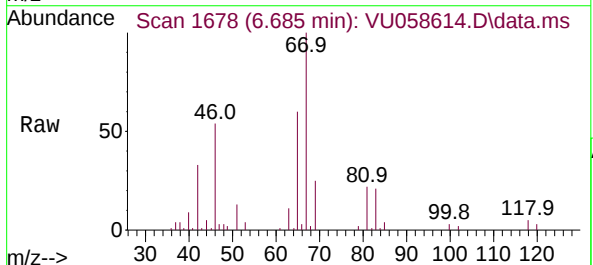
RT: 6.685 min Scan# 1678

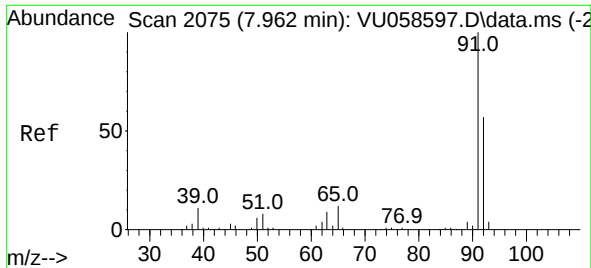
Delta R.T. -0.096 min

Lab File: VU058614.D

Acq: 11 Apr 2024 17:35

Tgt Ion: 63	Resp: 3230
Ion Ratio	Lower Upper
63 100	
112 0.0	2.6 4.0#





#42

Toluene

Concen: 0.193 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU058614.D

Acq: 11 Apr 2024 17:35

Instrument :

MSVOA_U

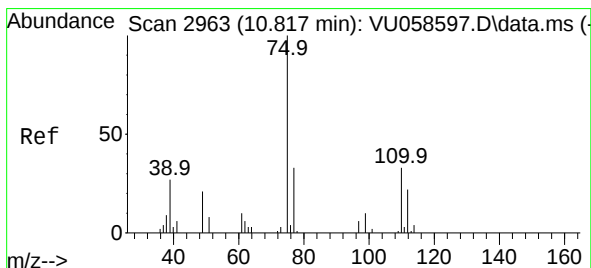
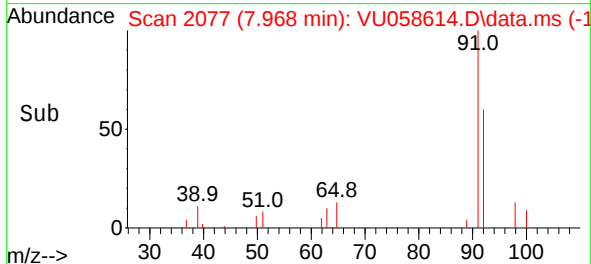
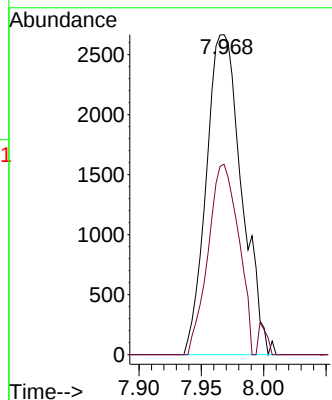
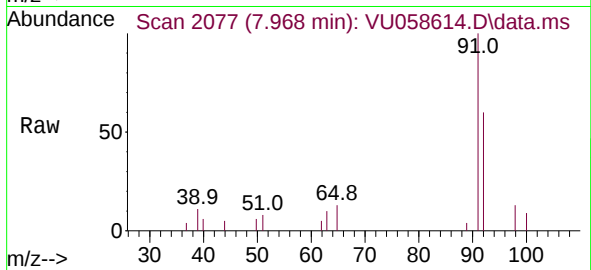
ClientSampleId :

Tgt Ion: 91 Resp: 5283

Ion Ratio Lower Upper

91 100

92 59.5 39.5 73.3



#61

1,2,3-Trichloropropane

Concen: 1.397 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU058614.D

Acq: 11 Apr 2024 17:35

Tgt Ion: 75 Resp: 4259

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6

77 30.2 25.1 37.7

