

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058425.D
 Acq On : 05 Apr 2024 17:33
 Operator : MD/SY
 Sample : P1970-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 05 23:38:00 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)

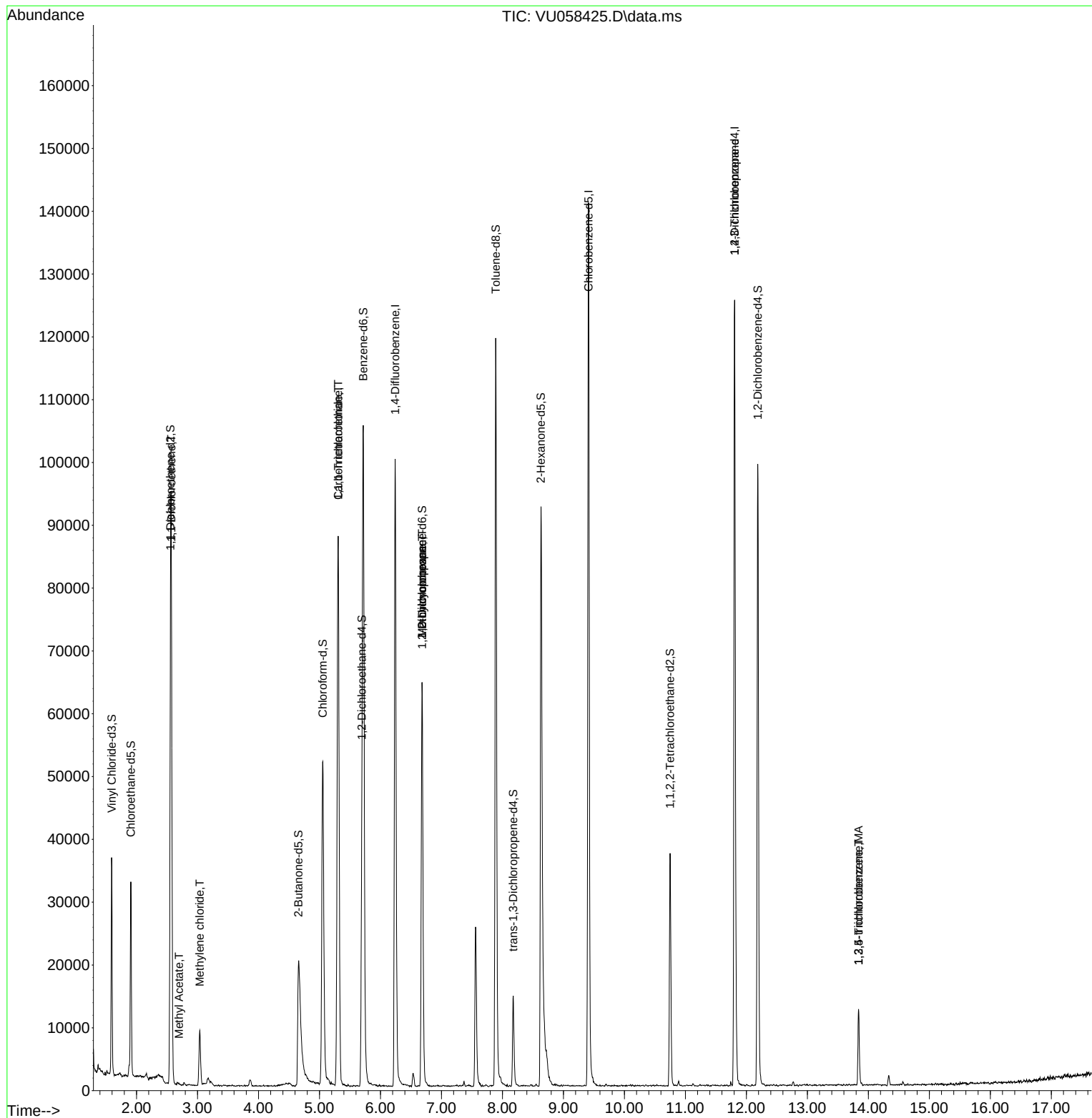
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	78643	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	75840	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23475	4.509	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	90.200%		
7) Chloroethane-d5	1.907	69	20978	4.636	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	92.800%		
11) 1,1-Dichloroethene-d2	2.557	65	11049	4.688	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	93.800%		
20) 2-Butanone-d5	4.656	46	43954	40.058	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery =	80.120%		
24) Chloroform-d	5.052	84	49461	4.759	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	95.200%		
26) 1,2-Dichloroethane-d4	5.695	65	22754	4.691	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.800%		
32) Benzene-d6	5.717	84	97438	4.772	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	95.400%		
36) 1,2-Dichloropropane-d6	6.682	67	31495	4.919	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	98.400%		
41) Toluene-d8	7.891	98	80534	4.448	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	89.000%		
43) trans-1,3-Dichloroprop...	8.177	79	8439	4.246	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	85.000%		
46) 2-Hexanone-d5	8.630	63	33864	41.307	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	82.620%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19539	4.322	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	86.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	25739	4.572	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	91.400%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	18575	3.333	ug/L	96
15) Methyl Acetate	2.695	43	494	0.224	ug/L #	55
16) Methylene chloride	3.036	84	3898	0.527	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	62436	6.140	ug/L	98
31) Carbon tetrachloride	5.309	117	7326	0.851	ug/L	93
35) Methylcyclohexane	6.682	83	6560	0.628	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	3390	0.469	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	5147	1.509	ug/L #	68
69) 1,3,5-Trichlorobenzene	13.839	180	4618	0.525	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	4567	0.674	ug/L	97

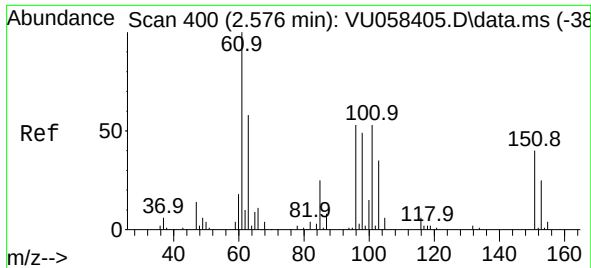
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

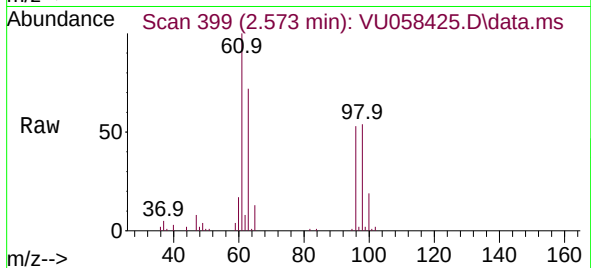
Quant Time: Apr 05 23:38:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
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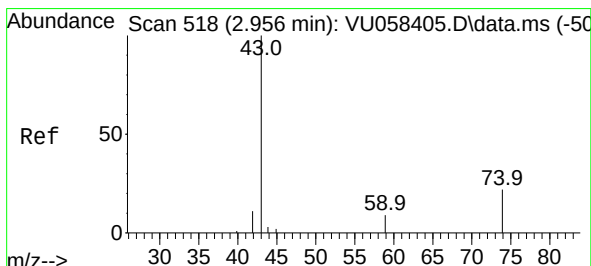
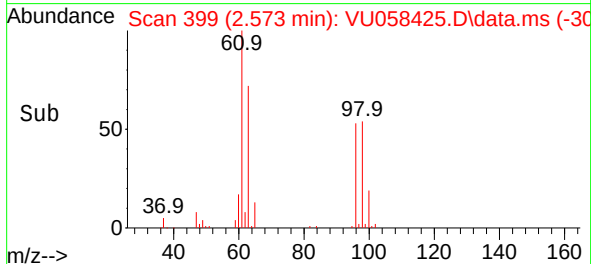
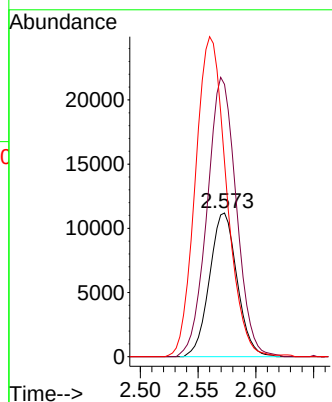


#12
1,1-Dichloroethene
Concen: 3.333 ug/L
RT: 2.573 min Scan# 309
Delta R.T. -0.003 min
Lab File: VU058425.D
Acq: 05 Apr 2024 17:33

Instrument :
MSVOA_U
ClientSampleId :

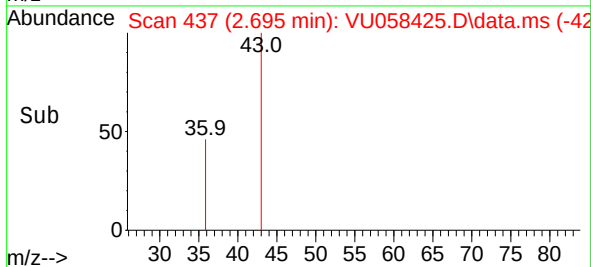
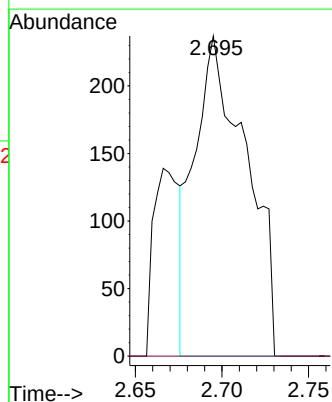
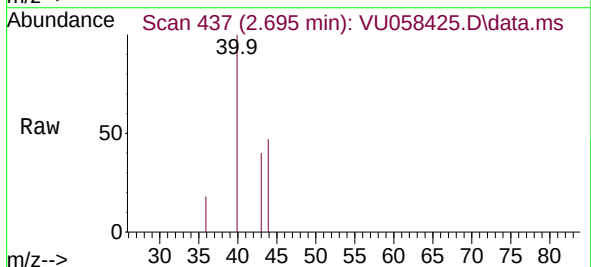


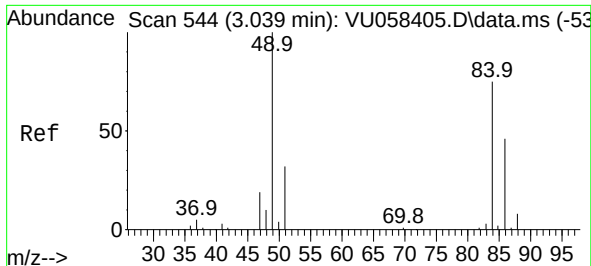
Tgt Ion:	96	Resp:	18575
Ion	Ratio	Lower	Upper
96	100		
61	189.6	132.5	246.1
63	135.6	87.7	162.9



#15
Methyl Acetate
Concen: 0.224 ug/L
RT: 2.695 min Scan# 437
Delta R.T. -0.261 min
Lab File: VU058425.D
Acq: 05 Apr 2024 17:33

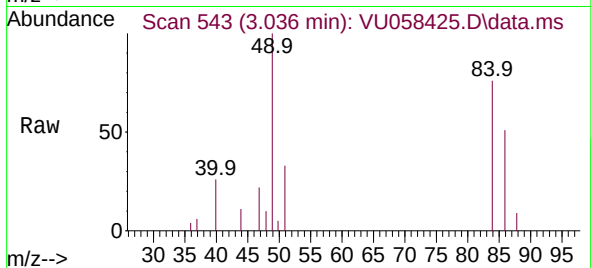
Tgt Ion:	43	Resp:	494
Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	25.0#





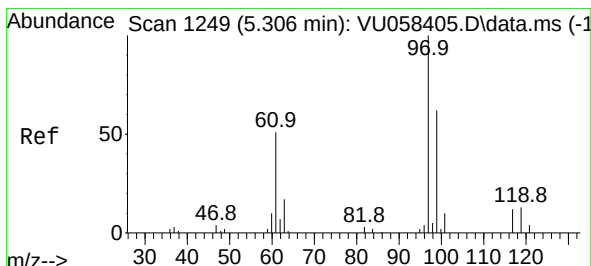
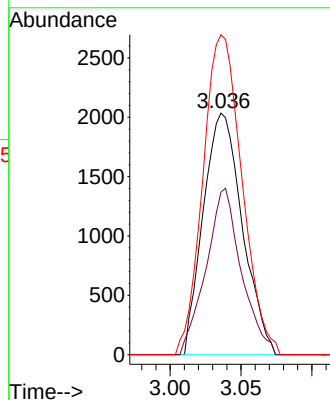
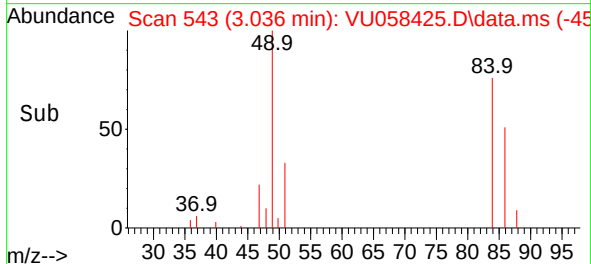
#16
Methylene chloride
Concen: 0.527 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU058425.D
Acq: 05 Apr 2024 17:33

Instrument :
MSVOA_U
ClientSampleId :

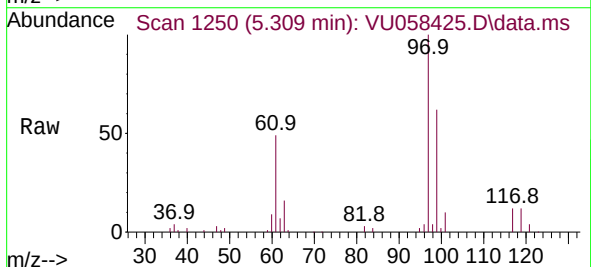


Tgt Ion: 84 Resp: 3898

Ion	Ratio	Lower	Upper
84	100		
86	67.2	44.3	82.3
49	138.7	96.0	178.2

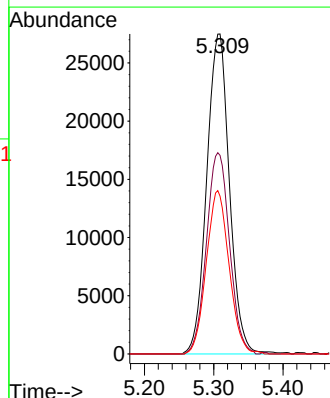
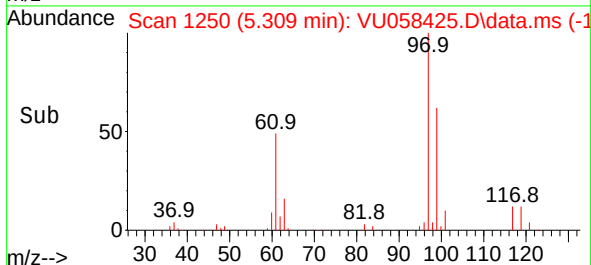


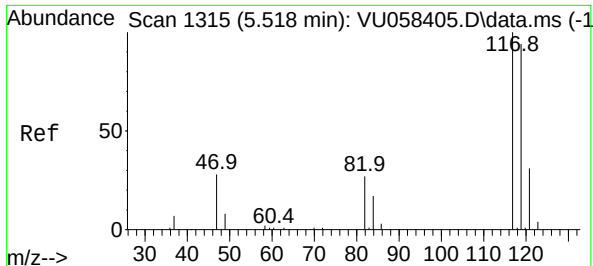
#29
1,1,1-Trichloroethane
Concen: 6.140 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU058425.D
Acq: 05 Apr 2024 17:33



Tgt Ion: 97 Resp: 62436

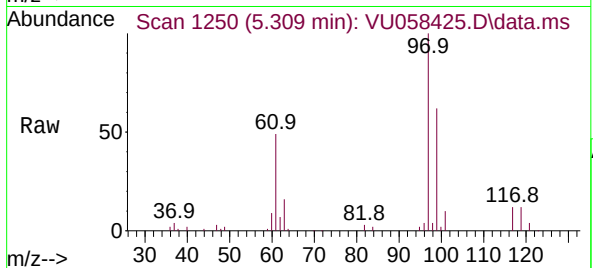
Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.4	75.6
61	51.4	39.4	59.0



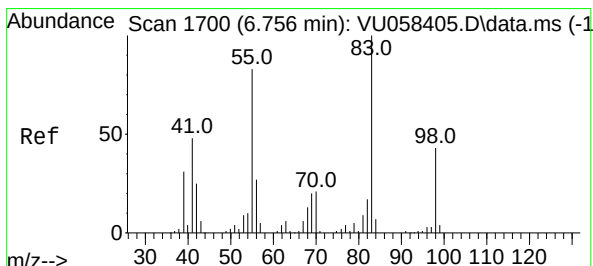
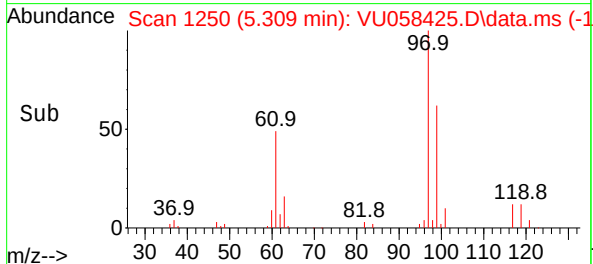
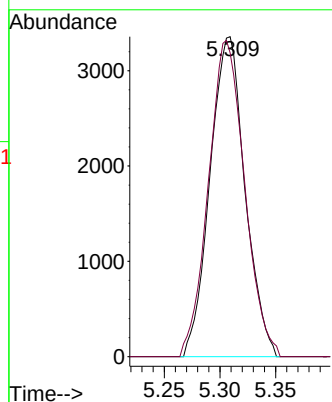


#31
Carbon tetrachloride
Concen: 0.851 ug/L
RT: 5.309 min Scan# 1677
Delta R.T. -0.209 min
Lab File: VU058425.D
Acq: 05 Apr 2024 17:33

Instrument :
MSVOA_U
ClientSampleId :

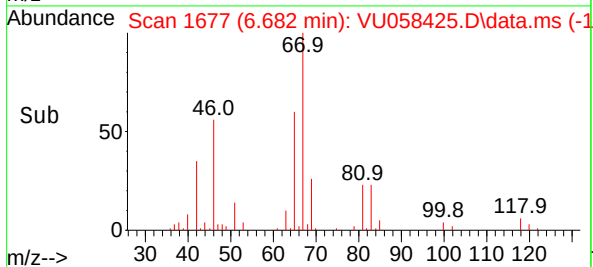
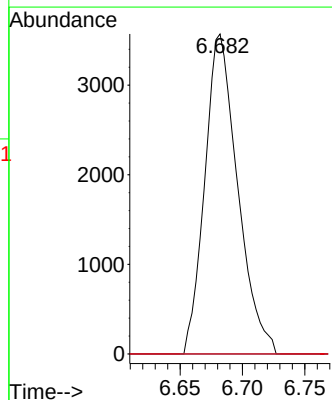
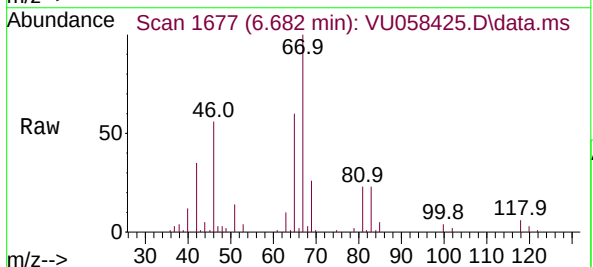


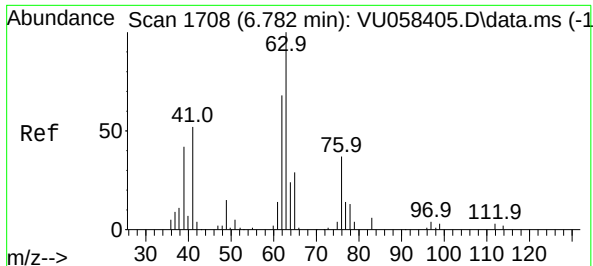
Tgt Ion:117 Resp: 7326
Ion Ratio Lower Upper
117 100
119 102.3 76.7 115.1



#35
Methylcyclohexane
Concen: 0.628 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058425.D
Acq: 05 Apr 2024 17:33

Tgt Ion: 83 Resp: 6560
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.6 34.6 52.0#

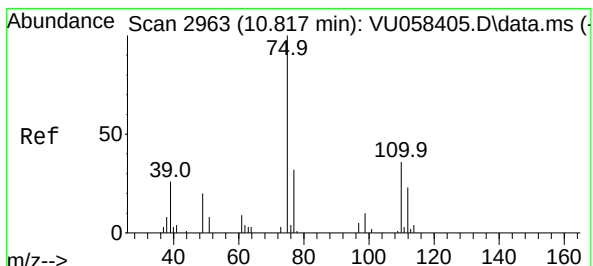
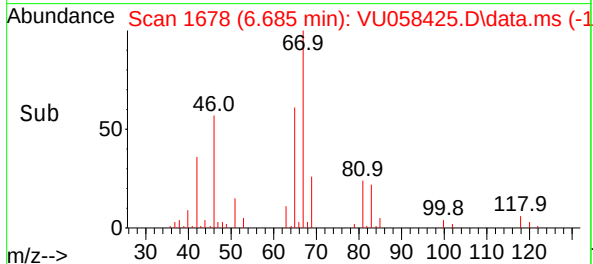
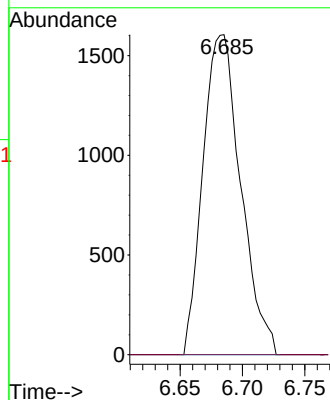
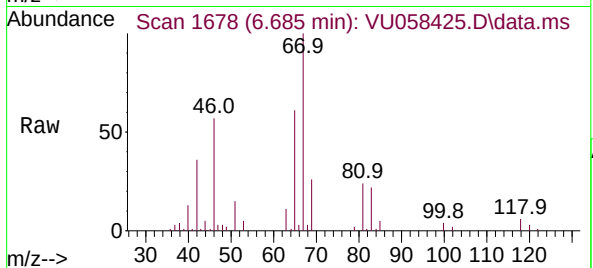




#37
1,2-Dichloropropane
Concen: 0.469 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU058425.D
Acq: 05 Apr 2024 17:33

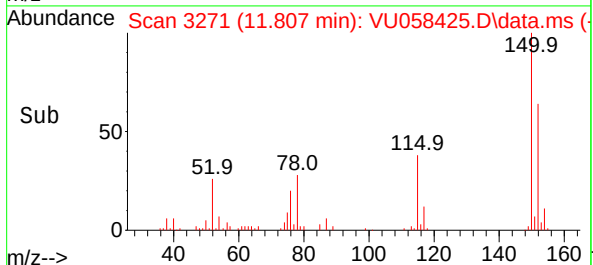
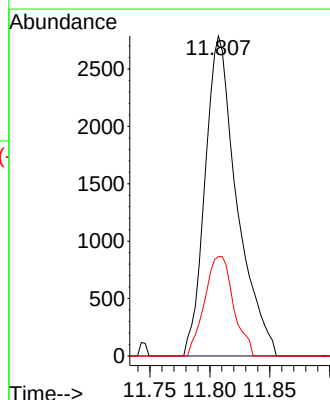
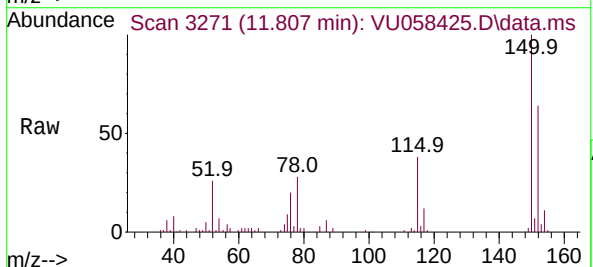
Instrument :
MSVOA_U
ClientSampleId :

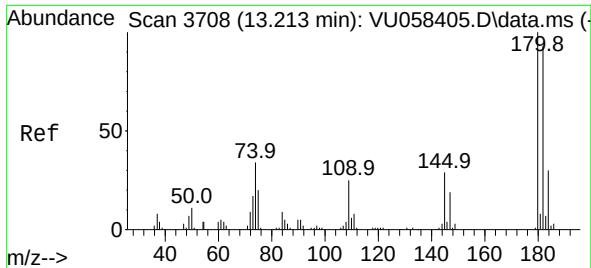
Tgt Ion: 63 Resp: 3390
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.509 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058425.D
Acq: 05 Apr 2024 17:33

Tgt Ion: 75 Resp: 5147
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 28.2 25.1 37.7





#69

1,3,5-Trichlorobenzene

Concen: 0.525 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.627 min

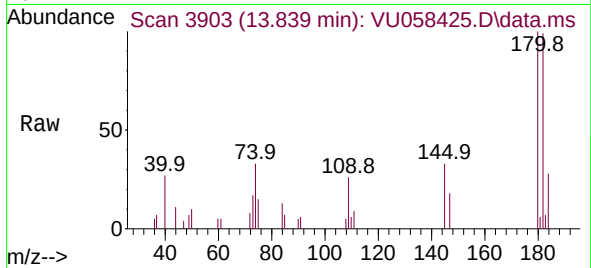
Lab File: VU058425.D

Acq: 05 Apr 2024 17:33

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 4618

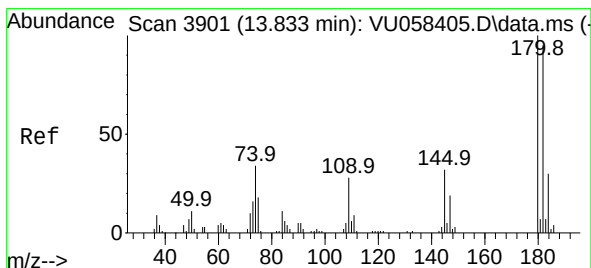
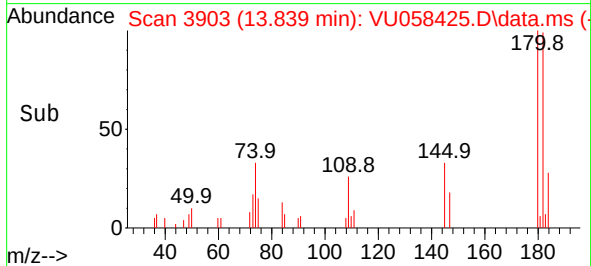
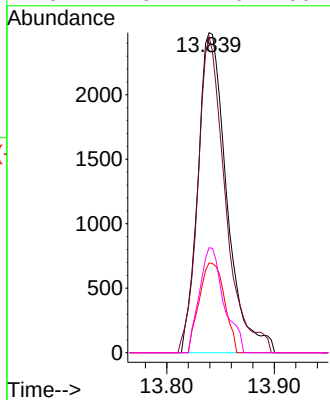
Ion Ratio Lower Upper

180 100

182 94.3 75.7 113.5

184 24.4 24.3 36.5

145 27.8 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 0.674 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.006 min

Lab File: VU058425.D

Acq: 05 Apr 2024 17:33

Tgt Ion:180 Resp: 4567

Ion Ratio Lower Upper

180 100

182 95.3 74.4 111.6

145 28.2 24.1 36.1

