

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011224\
 Data File : VU057491.D
 Acq On : 12 Jan 2024 18:42
 Operator : MD/SY
 Sample : P1120-07 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 01:40:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 01:34:13 2024
 Response via : Initial Calibration

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

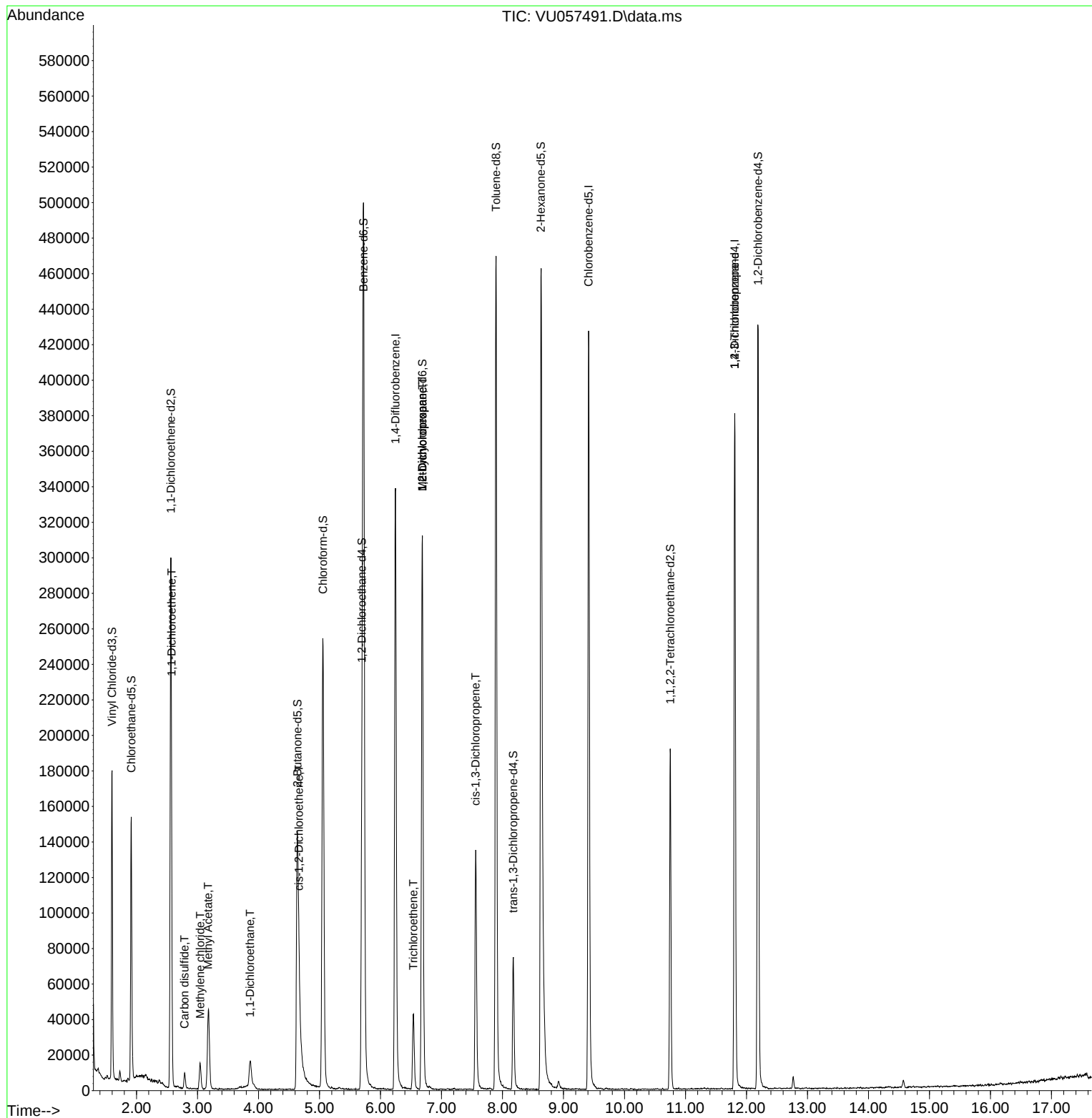
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	265036	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	230414	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101623	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	127700	4.749	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.000%	
7) Chloroethane-d5	1.914	69	112973	5.399	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.000%	
11) 1,1-Dichloroethene-d2	2.563	65	57413	5.049	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.000%	
20) 2-Butanone-d5	4.637	46	271530	53.384	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.760%	
24) Chloroform-d	5.055	84	244350	5.259	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.200%	
26) 1,2-Dichloroethane-d4	5.695	65	122755	5.486	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.800%	
32) Benzene-d6	5.721	84	465730	5.542	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.800%	
36) 1,2-Dichloropropane-d6	6.685	67	149007	5.687	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.800%	
41) Toluene-d8	7.894	98	311215	4.387	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.800%	
43) trans-1,3-Dichloroprop...	8.177	79	42043	4.616	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.400%	
46) 2-Hexanone-d5	8.631	63	152390	46.204	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.400%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	90411	5.108	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	111089	5.443	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.800%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	6868	0.444	ug/L #	1
14) Carbon disulfide	2.788	76	10974	0.254	ug/L	99
15) Methyl Acetate	3.174	43	3891	0.563	ug/L #	62
16) Methylene chloride	3.042	84	7155	0.342	ug/L	97
19) 1,1-Dichloroethane	3.862	63	18390	0.530	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	4006	0.224	ug/L	95
34) Trichloroethene	6.537	95	15163	0.853	ug/L	98
35) Methylcyclohexane	6.685	83	33592	1.421	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	16669	0.868	ug/L #	90
39) cis-1,3-Dichloropropene	7.560	75	3686	0.145	ug/L #	76
61) 1,2,3-Trichloropropane	11.807	75	13431	1.412	ug/L #	67

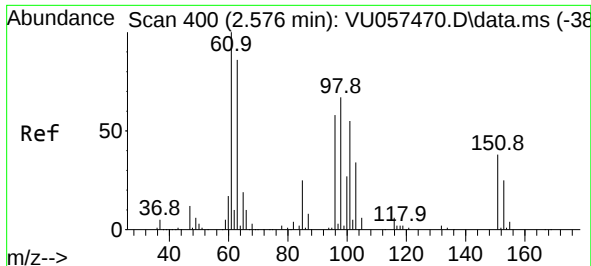
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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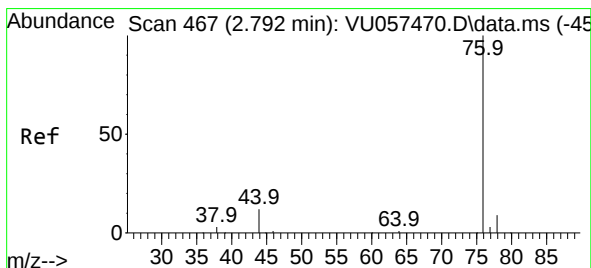
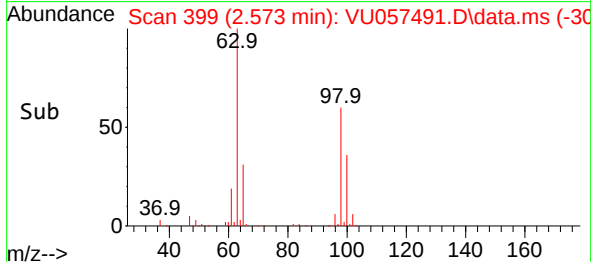
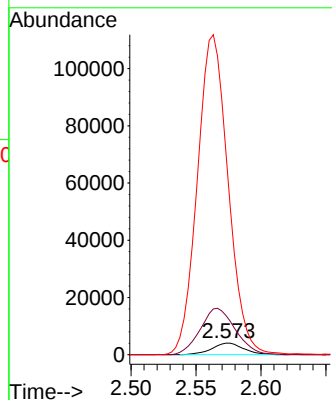
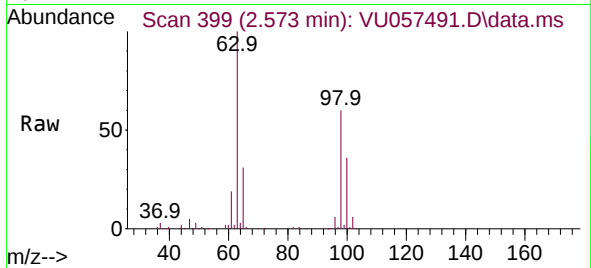




#12
1,1-Dichloroethene
Concen: 0.444 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057491.D
Acq: 12 Jan 2024 18:42

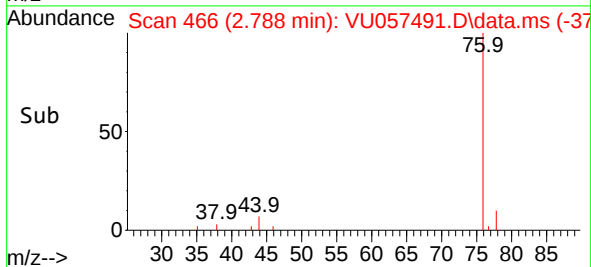
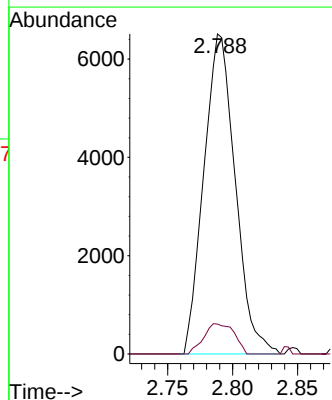
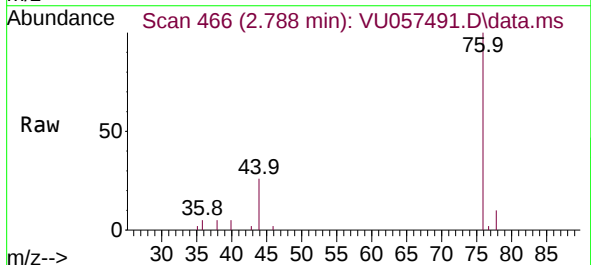
Instrument :
MSVOA_U
ClientSampleId :

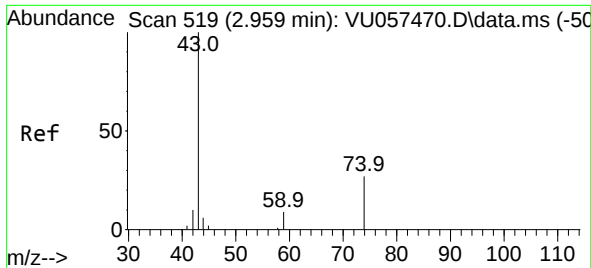
Tgt Ion: 96 Resp: 6868
Ion Ratio Lower Upper
96 100
61 341.5 130.9 243.1#
63 1766.2 114.8 213.2#



#14
Carbon disulfide
Concen: 0.254 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.003 min
Lab File: VU057491.D
Acq: 12 Jan 2024 18:42

Tgt Ion: 76 Resp: 10974
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

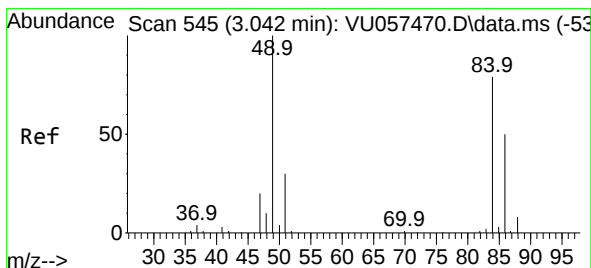
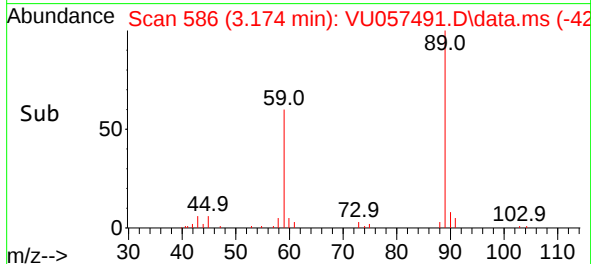
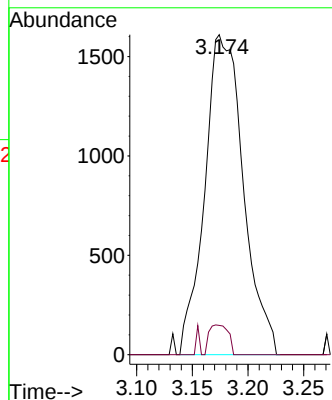
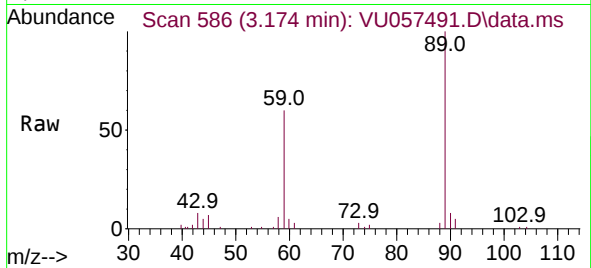




#15
Methyl Acetate
Concen: 0.563 ug/L
RT: 3.174 min Scan# 519
Delta R.T. 0.215 min
Lab File: VU057491.D
Acq: 12 Jan 2024 18:42

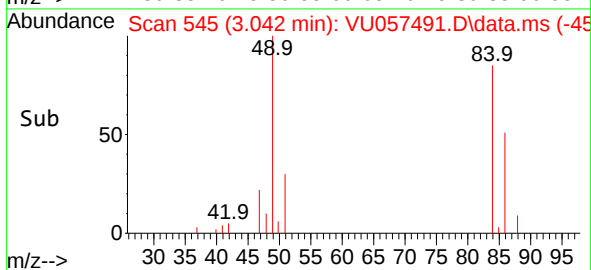
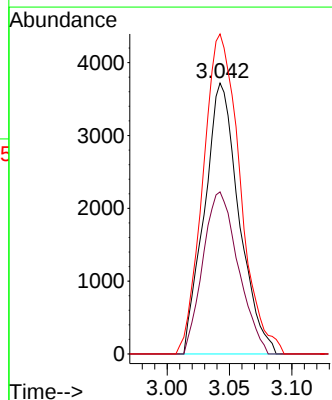
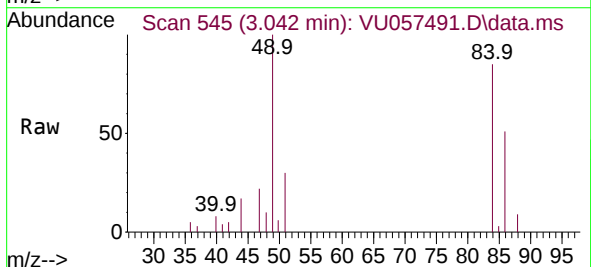
Instrument :
MSVOA_U
ClientSampleId :

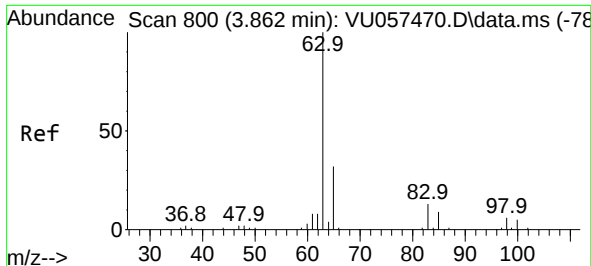
Tgt Ion: 43 Resp: 3891
Ion Ratio Lower Upper
43 100
74 4.6 18.6 27.8#



#16
Methylene chloride
Concen: 0.342 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU057491.D
Acq: 12 Jan 2024 18:42

Tgt Ion: 84 Resp: 7155
Ion Ratio Lower Upper
84 100
86 59.8 45.8 85.2
49 125.2 86.7 161.1





#19

1,1-Dichloroethane

Concen: 0.530 ug/L

RT: 3.862 min Scan# 80

Delta R.T. -0.000 min

Lab File: VU057491.D

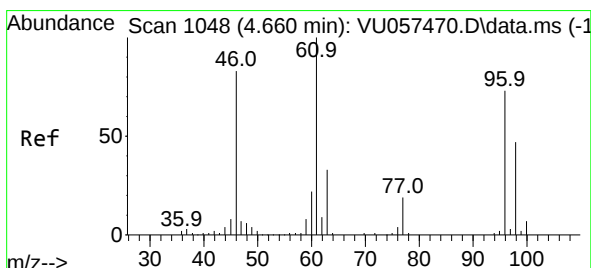
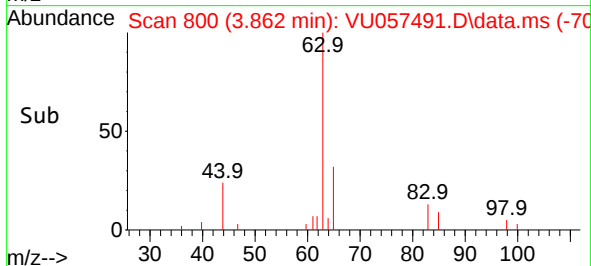
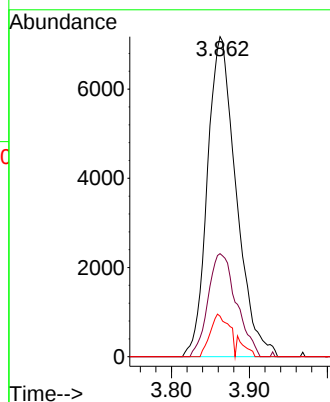
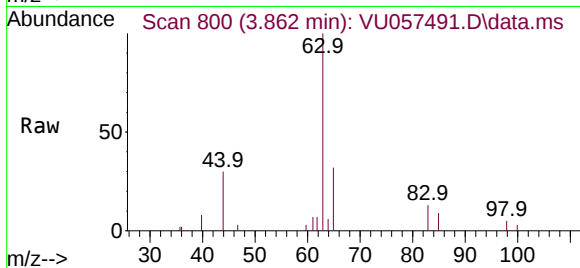
Acq: 12 Jan 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	18390
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.3	41.3
83	12.7	9.1	16.9



#22

cis-1,2-Dichloroethene

Concen: 0.224 ug/L

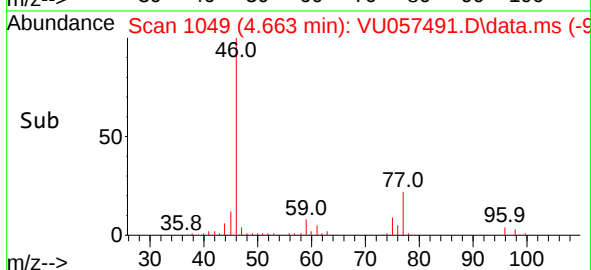
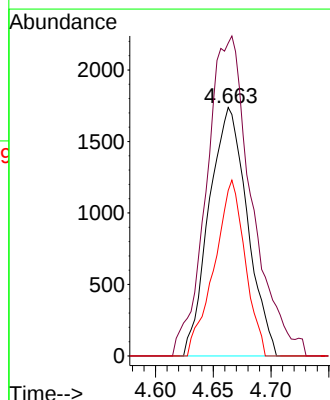
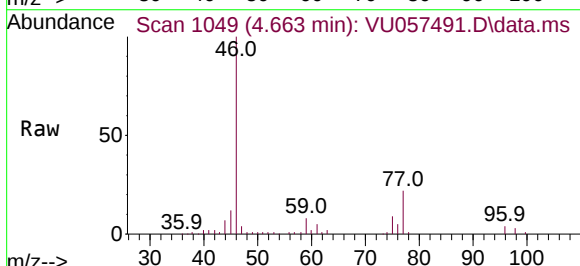
RT: 4.663 min Scan# 1049

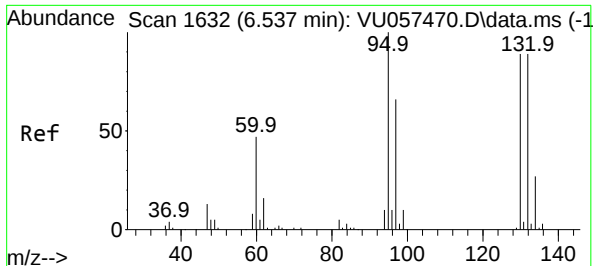
Delta R.T. 0.003 min

Lab File: VU057491.D

Acq: 12 Jan 2024 18:42

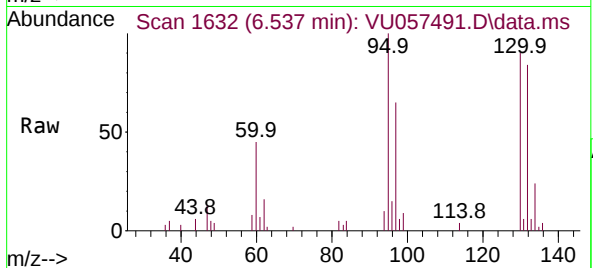
Tgt Ion:	96	Resp:	4006
Ion	Ratio	Lower	Upper
96	100		
61	125.9	93.4	173.4
98	66.6	44.9	83.3



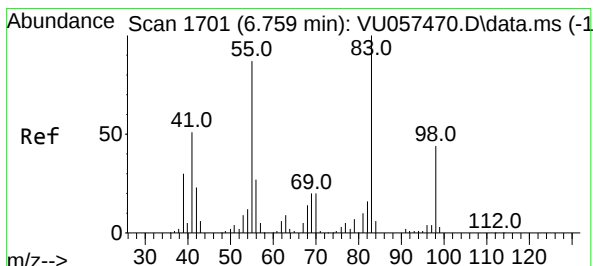
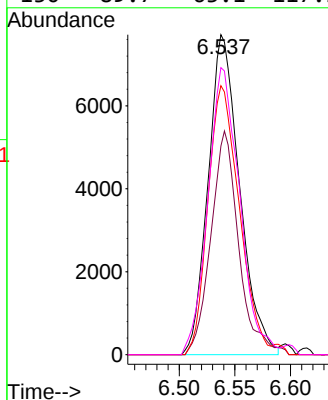
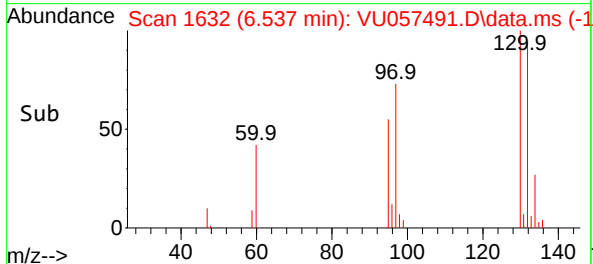


#34
Trichloroethene
Concen: 0.853 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU057491.D
Acq: 12 Jan 2024 18:42

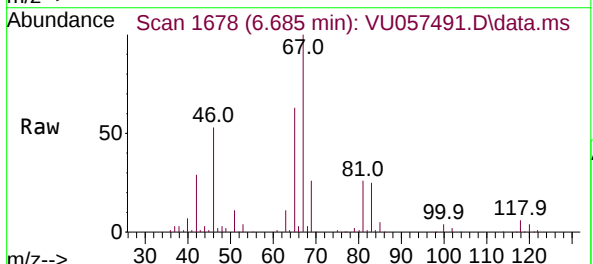
Instrument :
MSVOA_U
ClientSampleId :



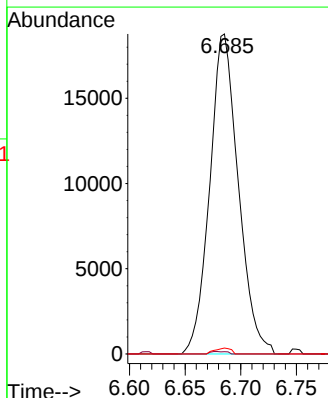
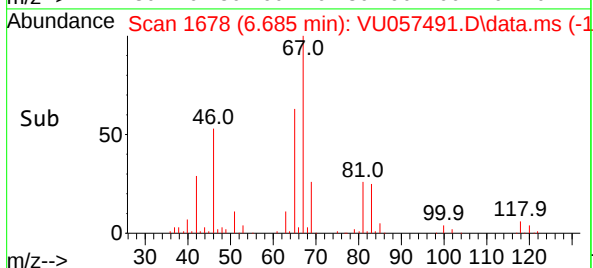
Tgt Ion: 95 Resp: 15163
Ion Ratio Lower Upper
95 100
97 65.2 45.0 83.6
132 84.1 61.7 114.5
130 89.7 63.1 117.3

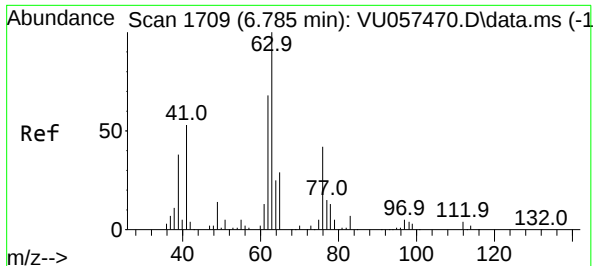


#35
Methylcyclohexane
Concen: 1.421 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057491.D
Acq: 12 Jan 2024 18:42



Tgt Ion: 83 Resp: 33592
Ion Ratio Lower Upper
83 100
55 0.4 68.7 103.1#
98 1.0 36.3 54.5#

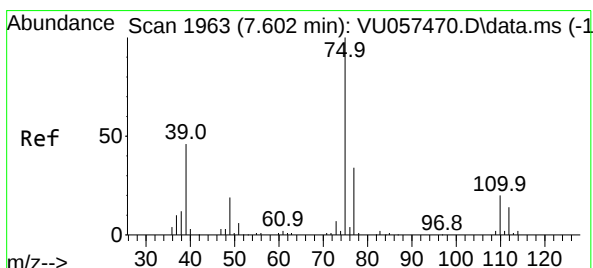
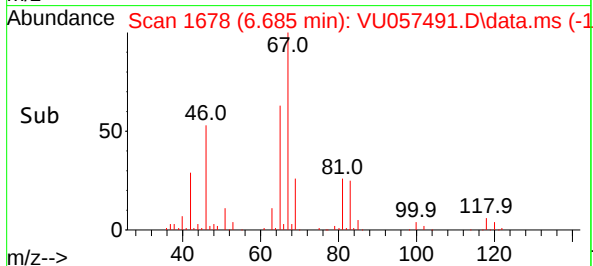
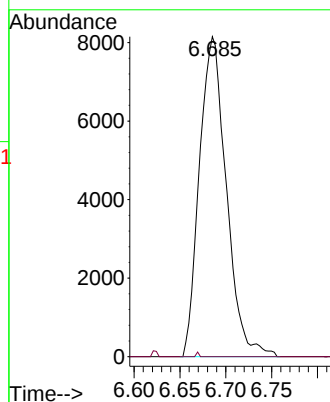
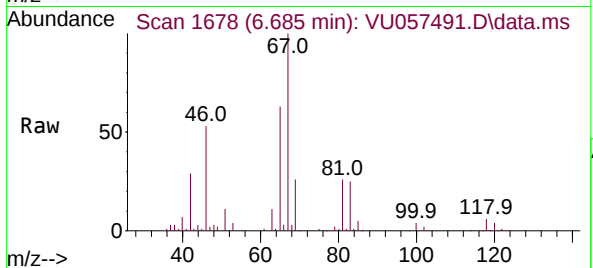




#37
1,2-Dichloropropane
Concen: 0.868 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057491.D
Acq: 12 Jan 2024 18:42

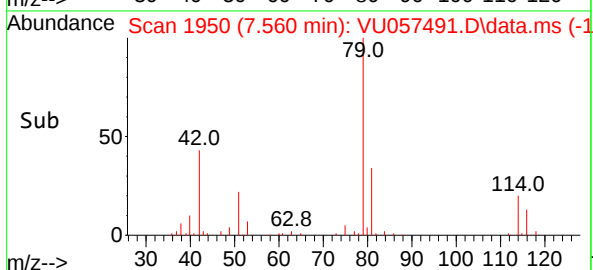
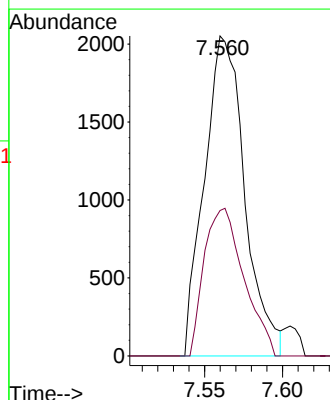
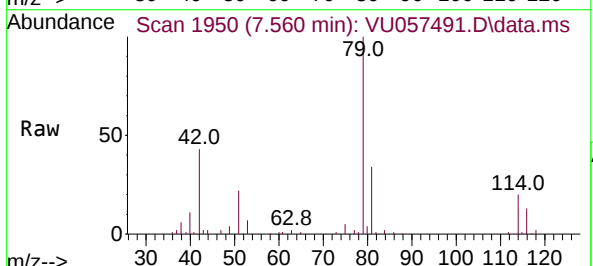
Instrument :
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ClientSampleId :

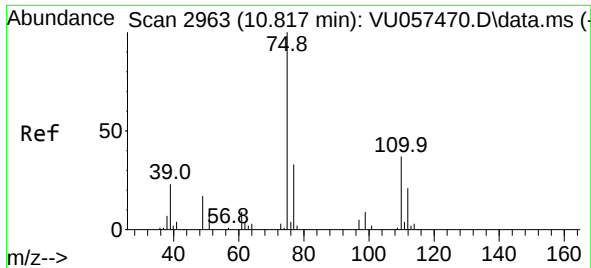
Tgt Ion: 63 Resp: 16669
Ion Ratio Lower Upper
63 100
112 0.1 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.145 ug/L
RT: 7.560 min Scan# 1950
Delta R.T. -0.042 min
Lab File: VU057491.D
Acq: 12 Jan 2024 18:42

Tgt Ion: 75 Resp: 3686
Ion Ratio Lower Upper
75 100
77 45.4 22.5 41.9#





#61

1,2,3-Trichloropropane

Concen: 1.412 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

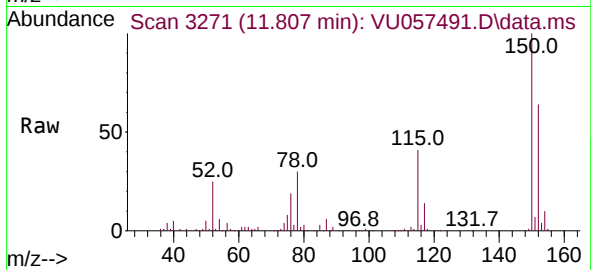
Lab File: VU057491.D

Acq: 12 Jan 2024 18:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 13431

Ion Ratio Lower Upper

75 100

110 1.5 29.4 44.0#

77 34.4 26.2 39.4

