

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
 Data File : VU058396.D
 Acq On : 05 Apr 2024 03:29
 Operator : MD/SY
 Sample : P1970-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

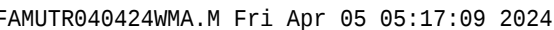
Quant Time: Apr 05 05:17:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 00:02:56 2024
 Response via : Initial Calibration

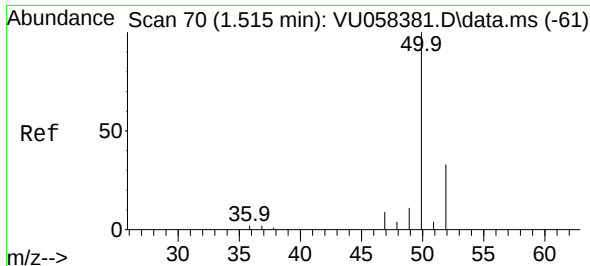
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78852	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	75072	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27634	5.293	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.800%
7) Chloroethane-d5	1.907	69	24000	5.290	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.560	65	13095	5.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.800%
20) 2-Butanone-d5	4.644	46	46536	42.299	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.600%
24) Chloroform-d	5.052	84	54690	5.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.695	65	24959	5.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.718	84	109600	5.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
36) 1,2-Dichloropropane-d6	6.682	67	34017	5.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.891	98	91272	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	8.174	79	10138	5.153	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.631	63	38995	48.052	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.100%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21851	4.883	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	28760	5.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
3) Chloromethane	1.512	50	942	0.117	ug/L	95
5) Vinyl chloride	1.599	62	3975	0.495	ug/L #	80
8) Chloroethane	1.927	64	1368	0.270	ug/L	84
12) 1,1-Dichloroethene	2.573	96	386778	69.213	ug/L #	77
14) Carbon disulfide	2.785	76	5776	0.325	ug/L	95
19) 1,1-Dichloroethane	3.856	63	1144219	89.507	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	1390834	138.183	ug/L	99
31) Carbon tetrachloride	5.306	117	175484	20.587	ug/L	100
34) Trichloroethene	6.537	95	7381	1.076	ug/L	95
35) Methylcyclohexane	6.685	83	7429	0.719	ug/L #	22
37) 1,2-Dichloropropane	6.689	63	3678	0.514	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	4525	1.340	ug/L #	70

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

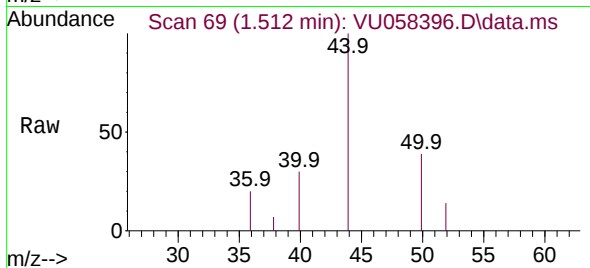
Quant Time: Apr 05 05:17:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
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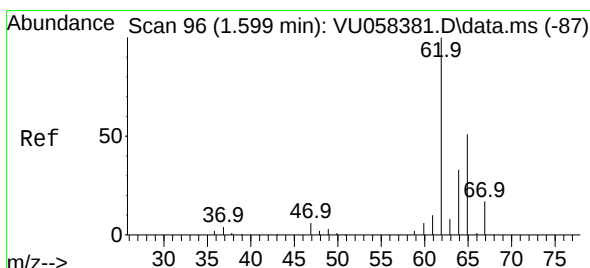
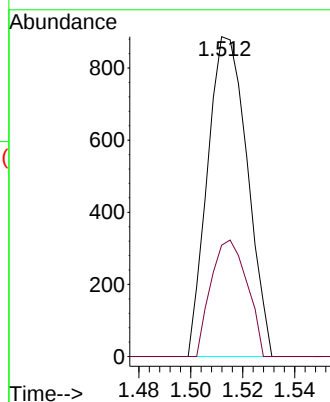
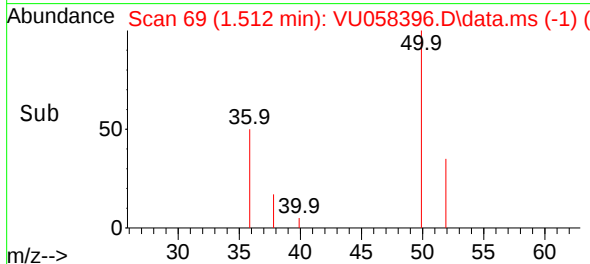


#3
Chloromethane
Concen: 0.117 ug/L
RT: 1.512 min Scan# 60
Delta R.T. -0.003 min
Lab File: VU058396.D
Acq: 05 Apr 2024 03:29

Instrument :
MSVOA_U
ClientSampleId :

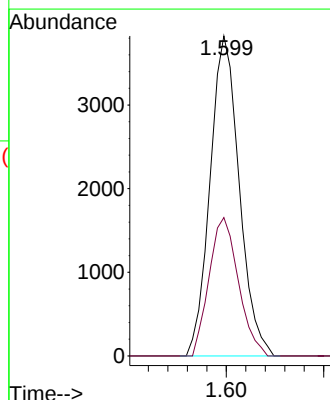
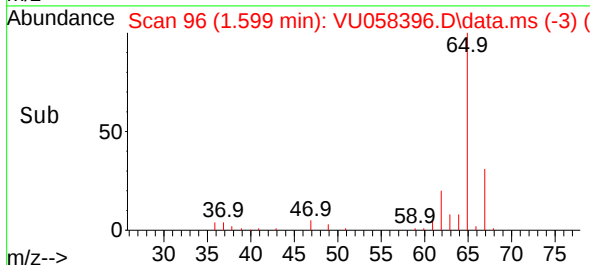
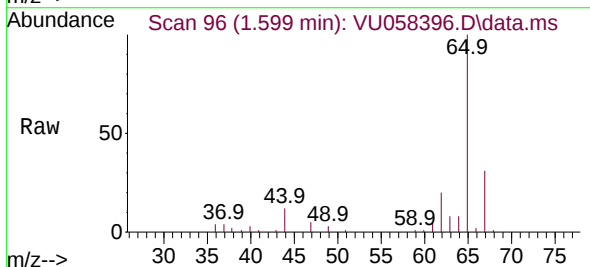


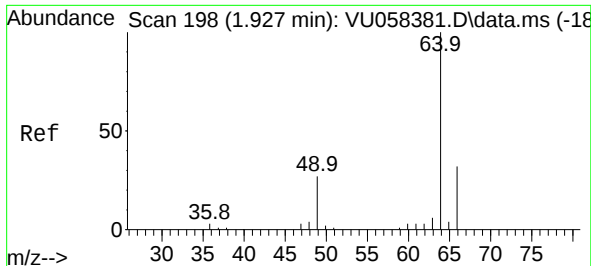
Tgt Ion: 50 Resp: 942
Ion Ratio Lower Upper
50 100
52 34.8 22.6 42.0



#5
Vinyl chloride
Concen: 0.495 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU058396.D
Acq: 05 Apr 2024 03:29

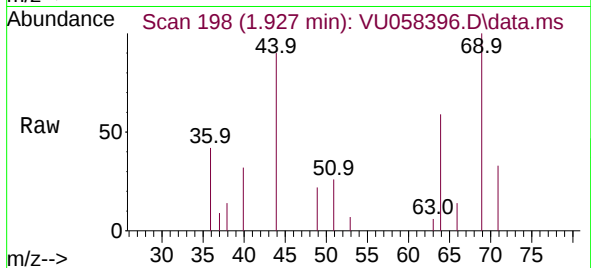
Tgt Ion: 62 Resp: 3975
Ion Ratio Lower Upper
62 100
64 43.2 22.6 42.0#



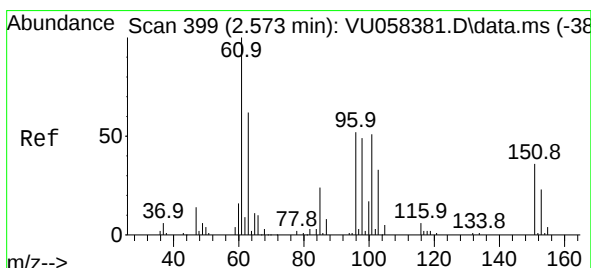
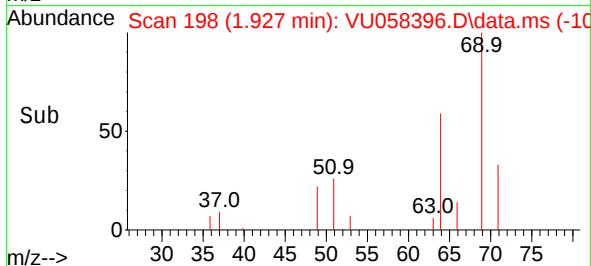
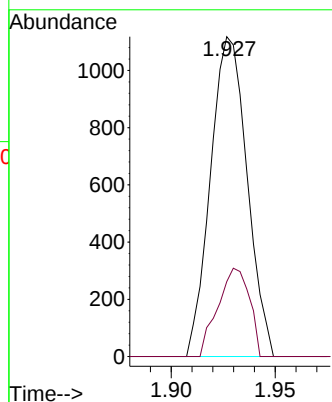


#8
Chloroethane
Concen: 0.270 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU058396.D
Acq: 05 Apr 2024 03:29

Instrument :
MSVOA_U
ClientSampleId :

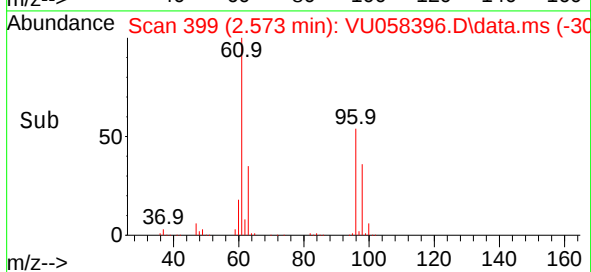
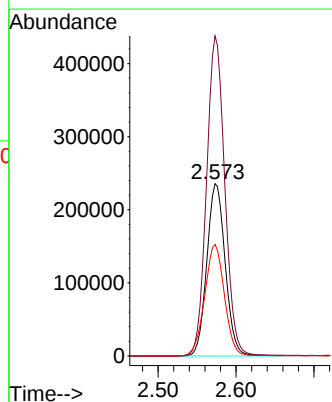
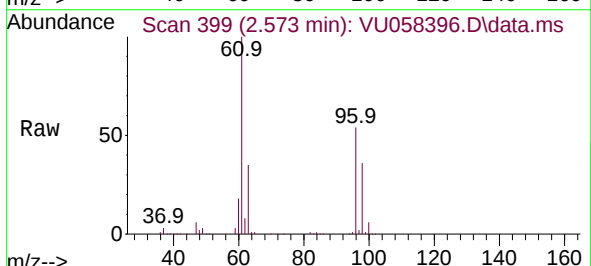


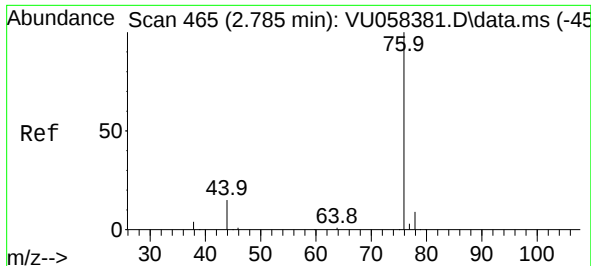
Tgt Ion: 64 Resp: 1368
Ion Ratio Lower Upper
64 100
66 23.4 22.5 41.9



#12
1,1-Dichloroethene
Concen: 69.213 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058396.D
Acq: 05 Apr 2024 03:29

Tgt Ion: 96 Resp: 386778
Ion Ratio Lower Upper
96 100
61 185.6 132.5 246.1
63 64.7 87.7 162.9#

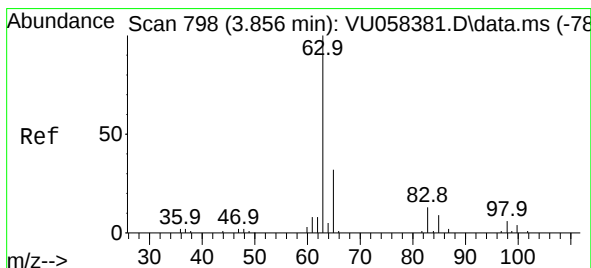
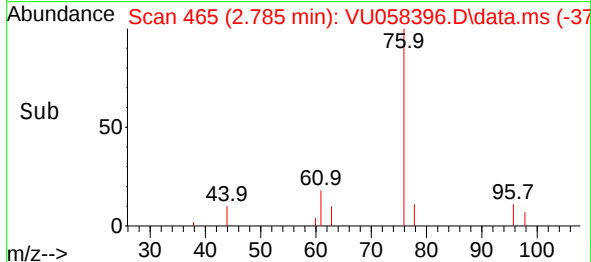
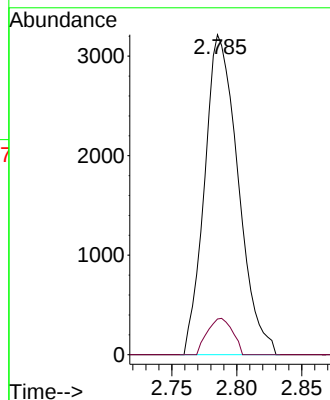
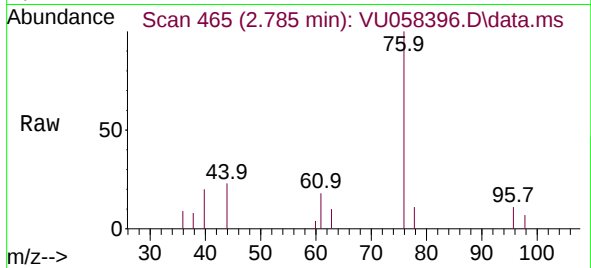




#14
Carbon disulfide
Concen: 0.325 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.000 min
Lab File: VU058396.D
Acq: 05 Apr 2024 03:29

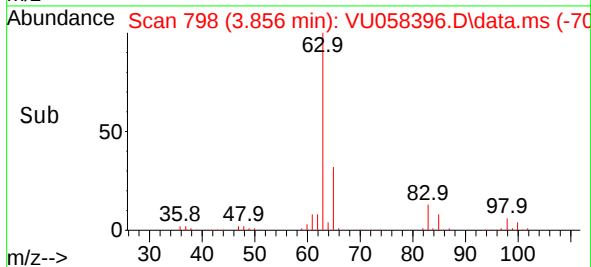
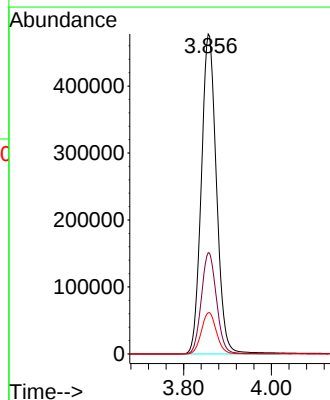
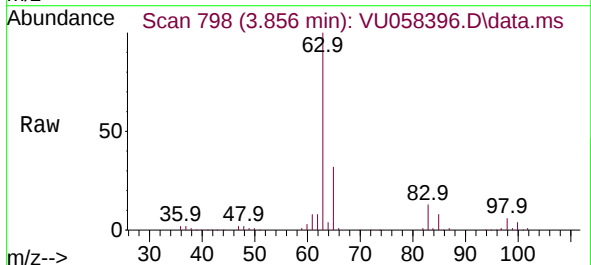
Instrument :
MSVOA_U
ClientSampleId :

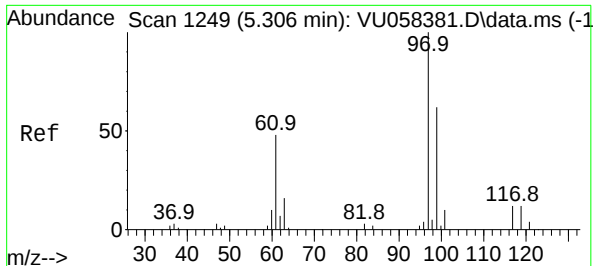
Tgt Ion: 76 Resp: 5776
Ion Ratio Lower Upper
76 100
78 11.2 7.5 11.3



#19
1,1-Dichloroethane
Concen: 89.507 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU058396.D
Acq: 05 Apr 2024 03:29

Tgt Ion: 63 Resp: 1144219
Ion Ratio Lower Upper
63 100
65 31.6 22.9 42.5
83 12.9 9.6 17.8

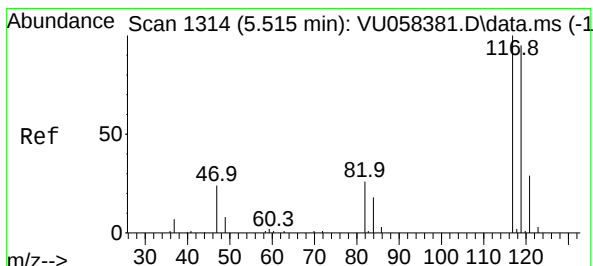
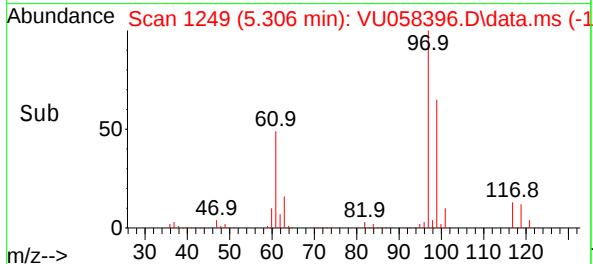
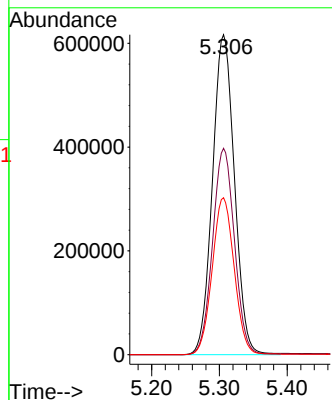
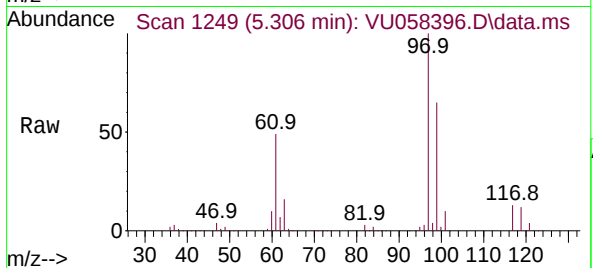




#29
1,1,1-Trichloroethane
Concen: 138.183 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VU058396.D
Acq: 05 Apr 2024 03:29

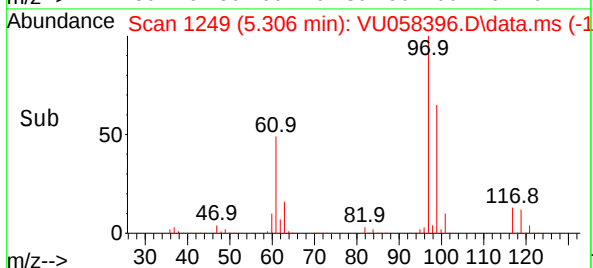
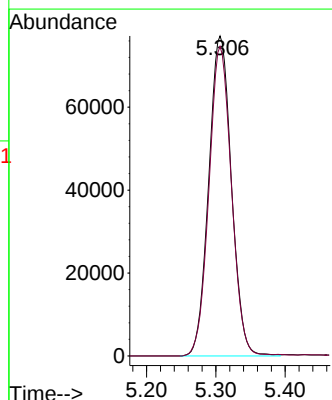
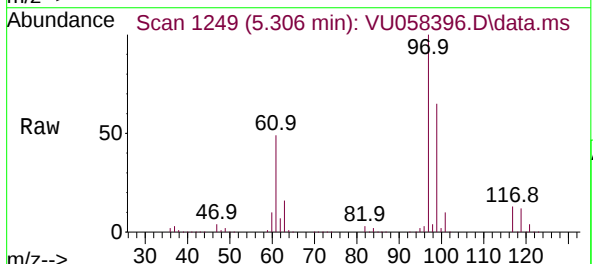
Instrument :
MSVOA_U
ClientSampleId :

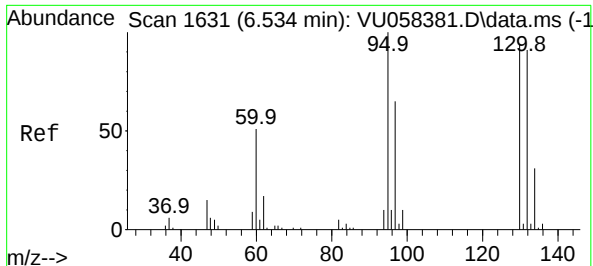
Tgt Ion: 97 Resp: 1390834
Ion Ratio Lower Upper
97 100
99 64.3 50.4 75.6
61 49.2 39.4 59.0



#31
Carbon tetrachloride
Concen: 20.587 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. -0.209 min
Lab File: VU058396.D
Acq: 05 Apr 2024 03:29

Tgt Ion:117 Resp: 175484
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1





#34

Trichloroethene

Concen: 1.076 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU058396.D

Acq: 05 Apr 2024 03:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 7381

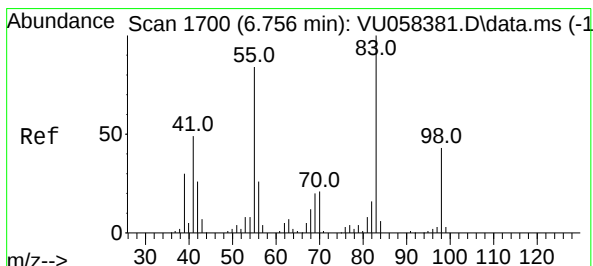
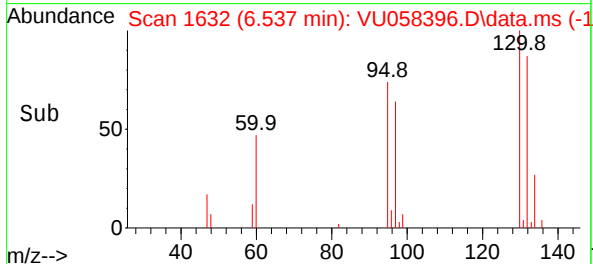
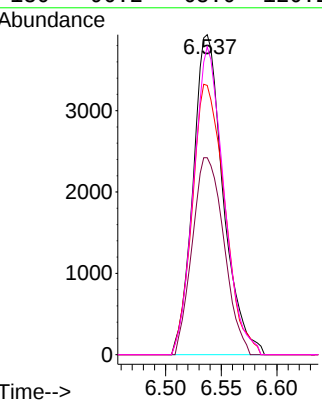
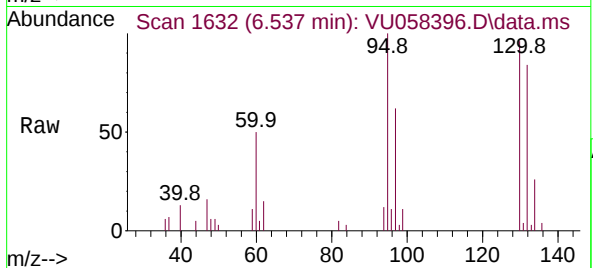
Ion Ratio Lower Upper

95 100

97 61.5 45.6 84.6

132 84.1 64.8 120.3

130 96.2 68.0 126.2



#35

Methylcyclohexane

Concen: 0.719 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU058396.D

Acq: 05 Apr 2024 03:29

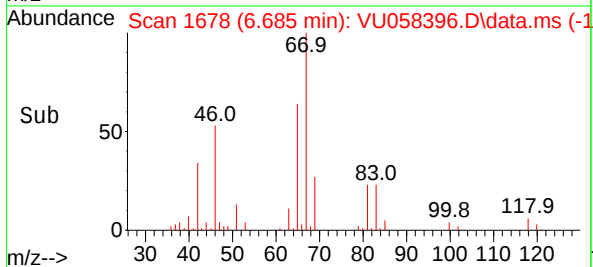
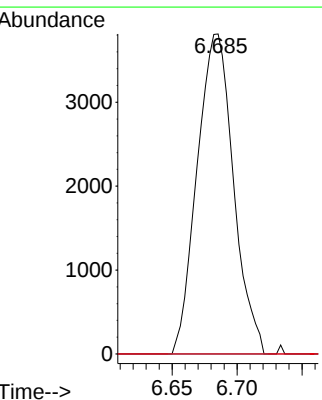
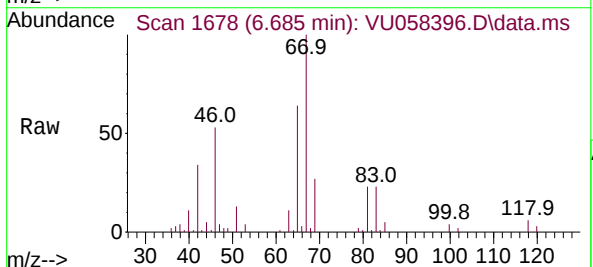
Tgt Ion: 83 Resp: 7429

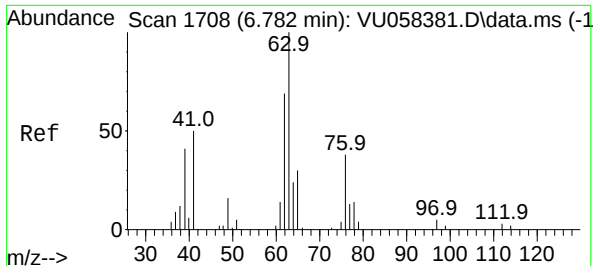
Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 10.6 34.6 52.0#

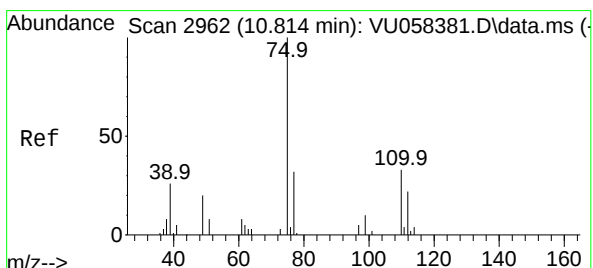
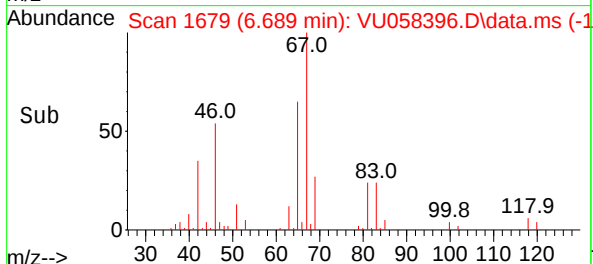
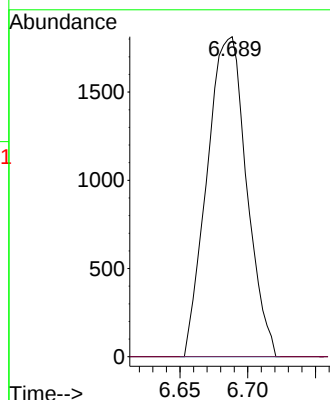
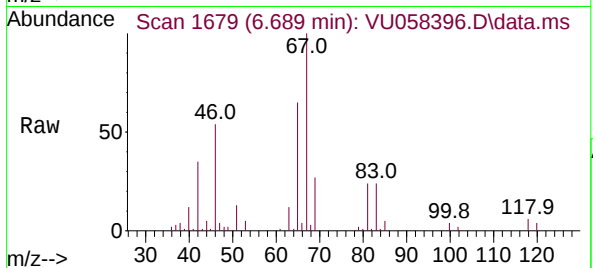




#37
1,2-Dichloropropane
Concen: 0.514 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.093 min
Lab File: VU058396.D
Acq: 05 Apr 2024 03:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3678
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.340 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU058396.D
Acq: 05 Apr 2024 03:29

Tgt Ion: 75 Resp: 4525
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 30.9 25.1 37.7

