

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057536.D
 Acq On : 15 Jan 2024 17:49
 Operator : MD/SY
 Sample : P1062-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:37:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	229866	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	243620	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89866	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.589	65	110993	4.759	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.904	69	94699	5.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.554	65	48054	4.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.727	46	187430	42.488	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.980%
24) Chloroform-d	5.052	84	220248	5.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	5.698	65	113239	5.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.800%
32) Benzene-d6	5.714	84	402835	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.682	67	139203	5.025	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.891	98	314882	4.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	8.177	79	38563	4.004	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.640	63	149869	42.976	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.960%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	93244	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	99140	5.493	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%

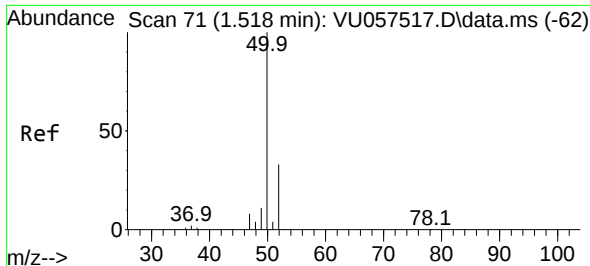
Target Compounds

						Qvalue
3) Chloromethane	1.509	50	2643	0.136	ug/L #	75
8) Chloroethane	1.923	64	10707	0.990	ug/L #	76
12) 1,1-Dichloroethene	2.567	96	550326	40.977	ug/L #	67
14) Carbon disulfide	2.776	76	23967	0.639	ug/L	100
15) Methyl Acetate	2.988	43	5245	0.875	ug/L #	77
16) Methylene chloride	3.033	84	23979	1.320	ug/L	86
17) Methyl tert-butyl Ether	3.367	73	3915	0.118	ug/L #	94
18) trans-1,2-Dichloroethene	3.335	96	9190	0.689	ug/L	93
19) 1,1-Dichloroethane	3.849	63	1995952	66.357	ug/L	100
22) cis-1,2-Dichloroethene	4.653	96	407616	26.266	ug/L	97
27) 1,2-Dichloroethane	5.795	62	10565	0.562	ug/L	98
34) Trichloroethene	6.531	95	1754209	93.297	ug/L	99
35) Methylcyclohexane	6.682	83	31225	1.249	ug/L #	15
42) Toluene	7.965	91	8147	0.115	ug/L	99
61) 1,2,3-Trichloropropane	11.804	75	12122	1.442	ug/L #	68

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

Quant Time: Jan 16 00:37:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 16 00:31:32 2024
Response via : Initial Calibration

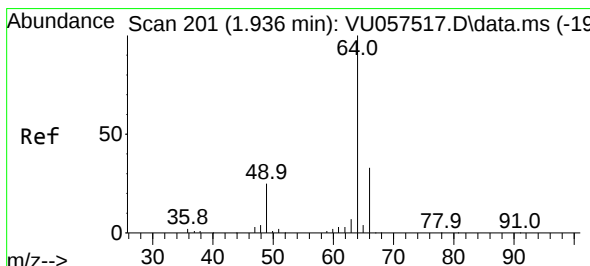
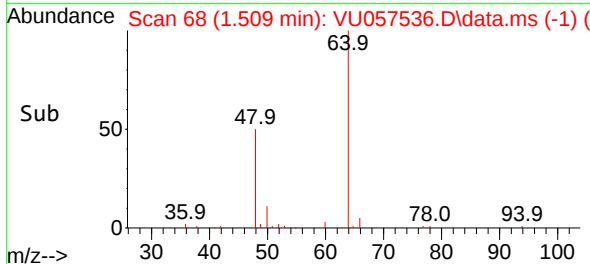
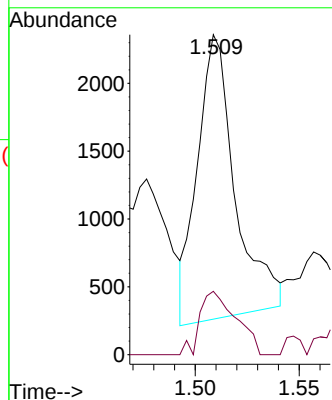
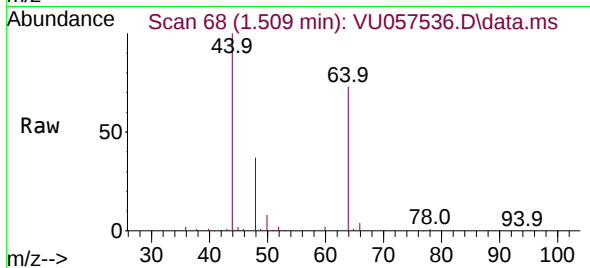




#3
Chloromethane
Concen: 0.136 ug/L
RT: 1.509 min Scan# 61
Delta R.T. -0.010 min
Lab File: VU057536.D
Acq: 15 Jan 2024 17:49

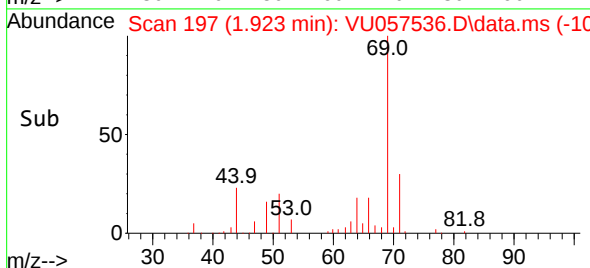
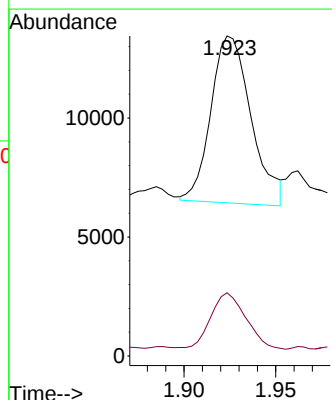
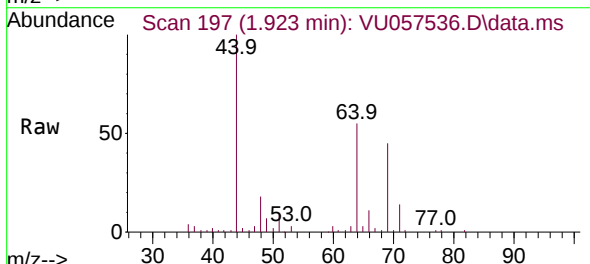
Instrument :
MSVOA_U
ClientSampleId :

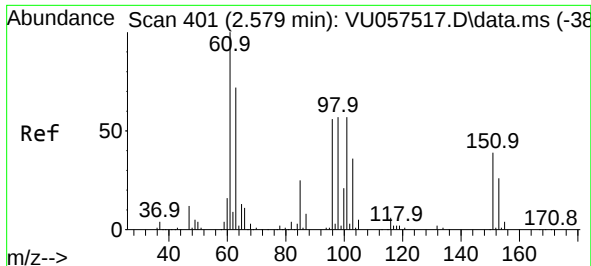
Tgt Ion: 50 Resp: 2643
Ion Ratio Lower Upper
50 100
52 19.8 24.1 44.7#



#8
Chloroethane
Concen: 0.990 ug/L
RT: 1.923 min Scan# 197
Delta R.T. -0.013 min
Lab File: VU057536.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 64 Resp: 10707
Ion Ratio Lower Upper
64 100
66 19.8 23.3 43.3#





#12

1,1-Dichloroethene

Concen: 40.977 ug/L

RT: 2.567 min Scan# 397

Delta R.T. -0.013 min

Lab File: VU057536.D

Acq: 15 Jan 2024 17:49

Instrument :

MSVOA_U

ClientSampleId :

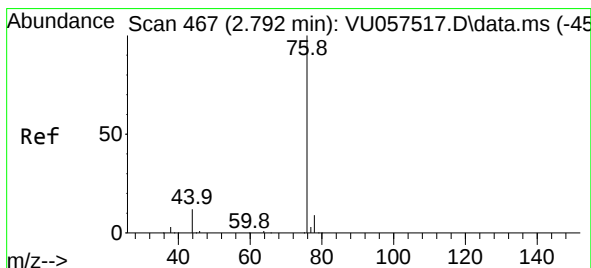
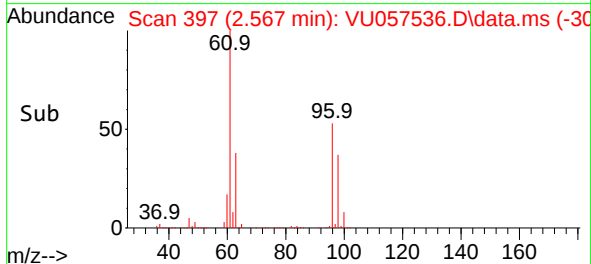
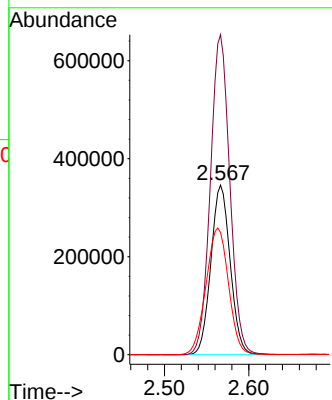
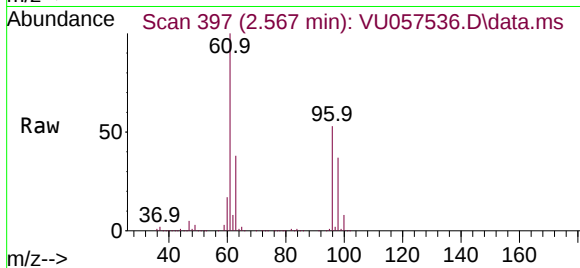
Tgt Ion: 96 Resp: 550326

Ion Ratio Lower Upper

96 100

61 188.7 130.9 243.1

63 72.1 114.8 213.2#



#14

Carbon disulfide

Concen: 0.639 ug/L

RT: 2.776 min Scan# 462

Delta R.T. -0.016 min

Lab File: VU057536.D

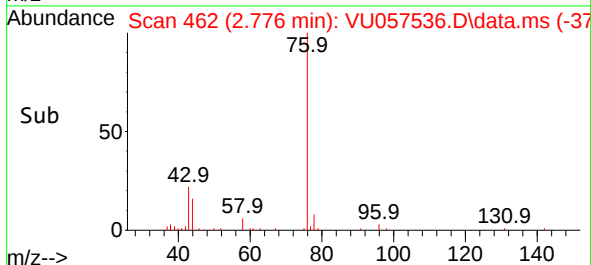
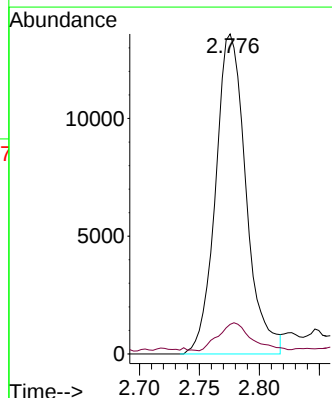
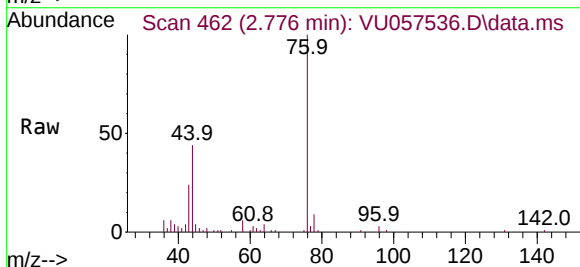
Acq: 15 Jan 2024 17:49

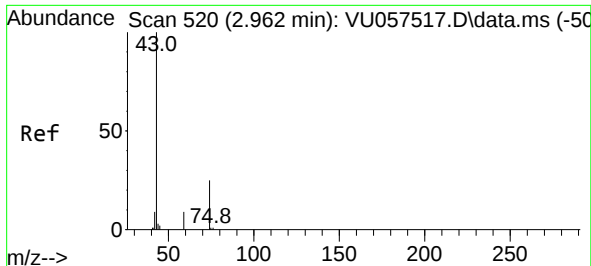
Tgt Ion: 76 Resp: 23967

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

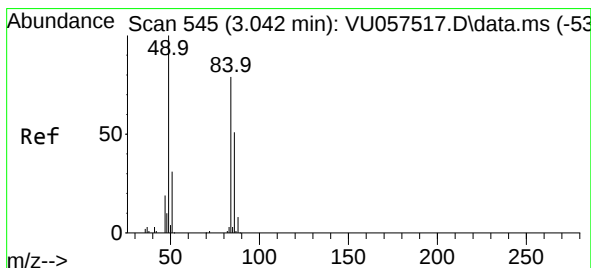
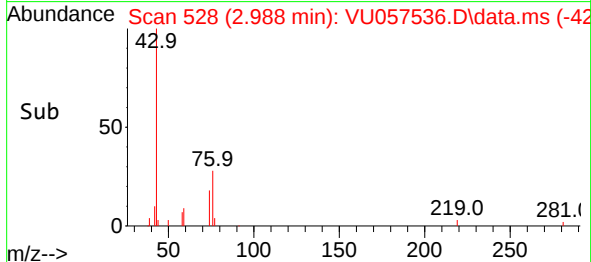
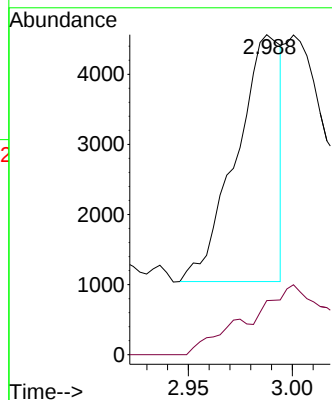
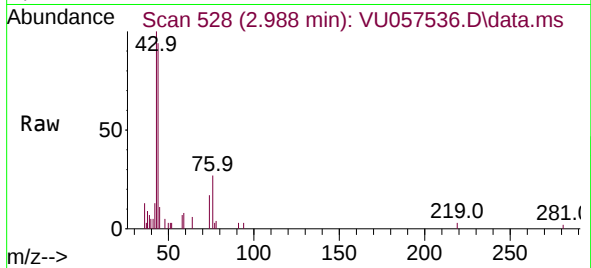




#15
Methyl Acetate
Concen: 0.875 ug/L
RT: 2.988 min Scan# 51
Delta R.T. 0.026 min
Lab File: VU057536.D
Acq: 15 Jan 2024 17:49

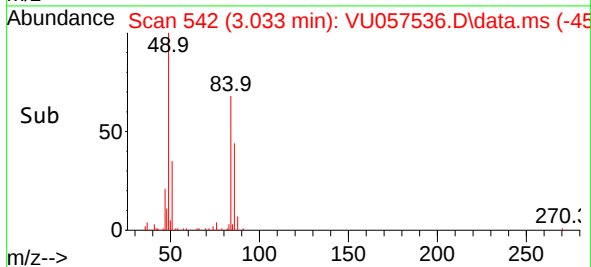
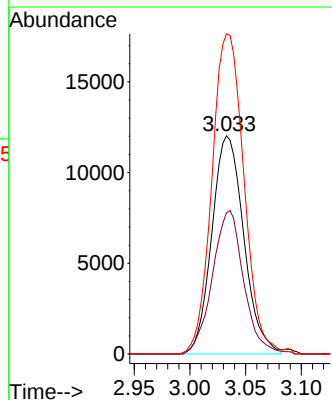
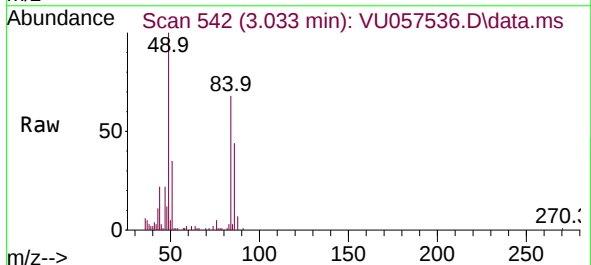
Instrument :
MSVOA_U
ClientSampleId :

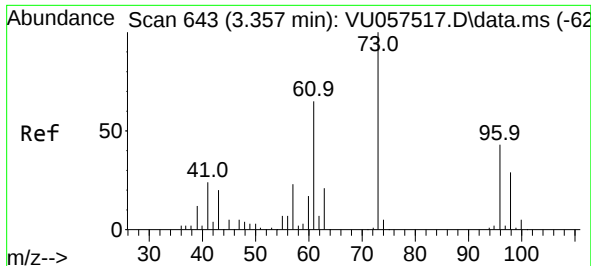
Tgt Ion: 43 Resp: 5245
Ion Ratio Lower Upper
43 100
74 12.2 18.6 27.8#



#16
Methylene chloride
Concen: 1.320 ug/L
RT: 3.033 min Scan# 542
Delta R.T. -0.010 min
Lab File: VU057536.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 84 Resp: 23979
Ion Ratio Lower Upper
84 100
86 64.7 45.8 85.2
49 146.8 86.7 161.1

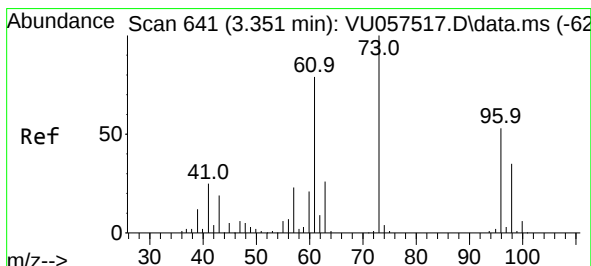
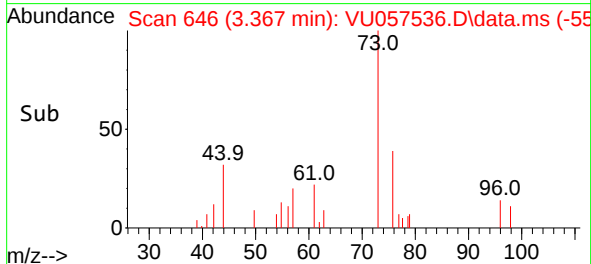
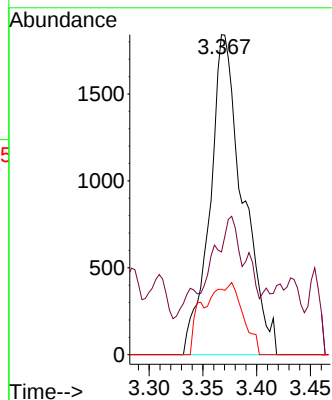
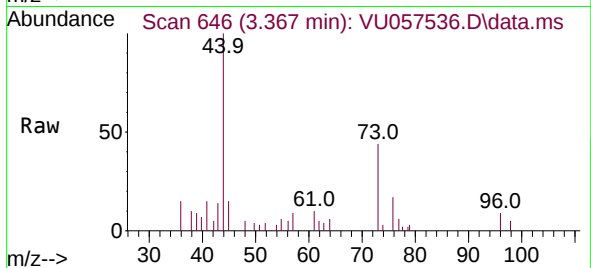




#17
Methyl tert-butyl Ether
Concen: 0.118 ug/L
RT: 3.367 min Scan# 643
Delta R.T. 0.010 min
Lab File: VU057536.D
Acq: 15 Jan 2024 17:49

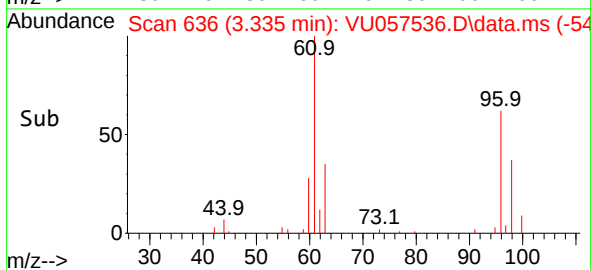
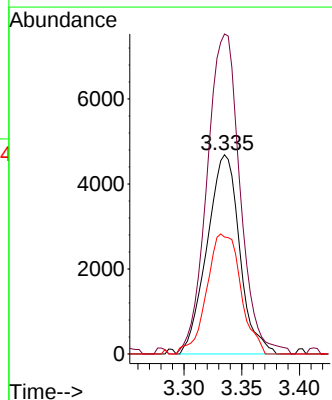
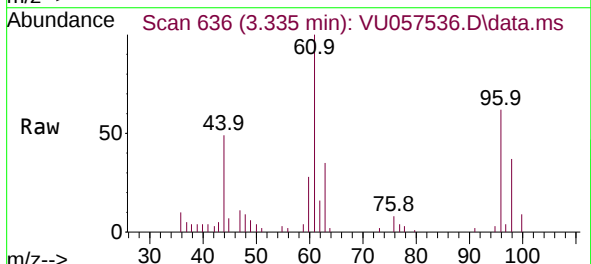
Instrument :
MSVOA_U
ClientSampleId :

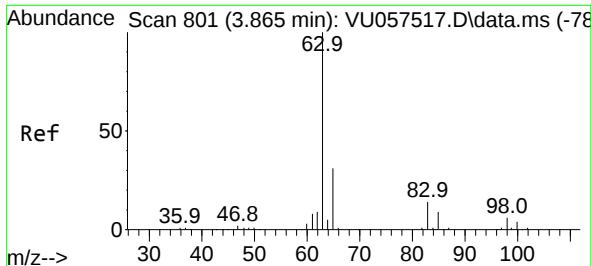
Tgt Ion: 73 Resp: 3915
Ion Ratio Lower Upper
73 100
43 15.4 16.1 24.1#
57 21.5 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 0.689 ug/L
RT: 3.335 min Scan# 636
Delta R.T. -0.016 min
Lab File: VU057536.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 96 Resp: 9190
Ion Ratio Lower Upper
96 100
61 160.7 105.1 195.3
98 58.7 43.7 81.1





#19

1,1-Dichloroethane

Concen: 66.357 ug/L

RT: 3.849 min Scan# 796

Delta R.T. -0.016 min

Lab File: VU057536.D

Acq: 15 Jan 2024 17:49

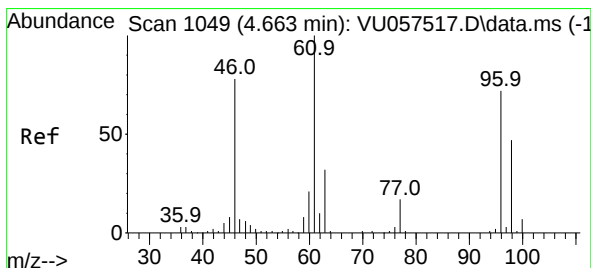
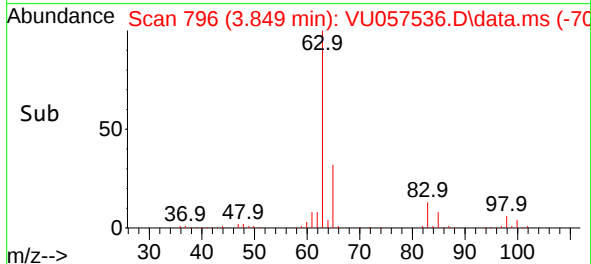
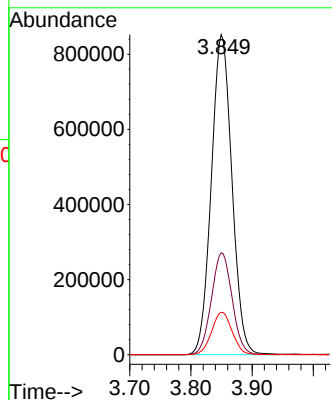
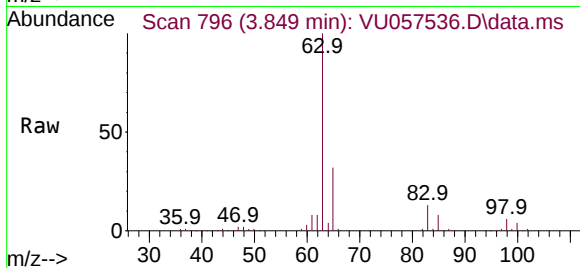
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63 Resp: 1995952

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.3	41.3
83	13.2	9.1	16.9



#22

cis-1,2-Dichloroethene

Concen: 26.266 ug/L

RT: 4.653 min Scan# 1046

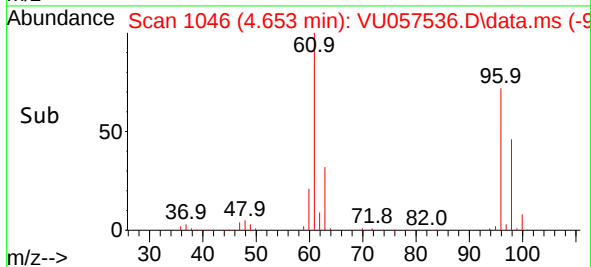
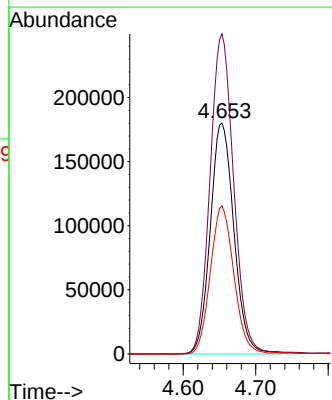
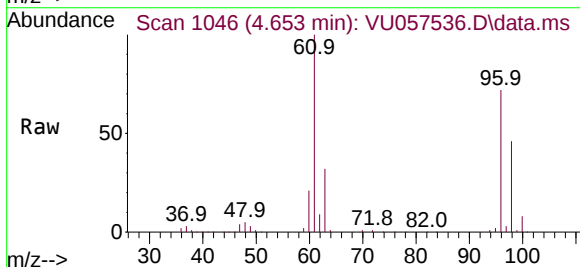
Delta R.T. -0.010 min

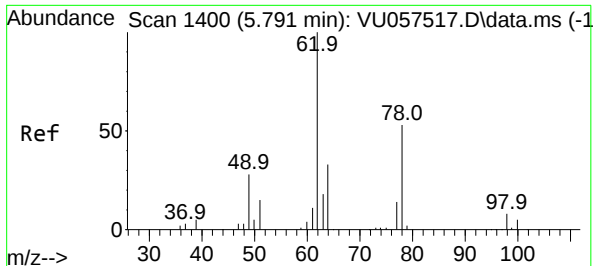
Lab File: VU057536.D

Acq: 15 Jan 2024 17:49

Tgt Ion: 96 Resp: 407616

Ion	Ratio	Lower	Upper
96	100		
61	138.6	93.4	173.4
98	64.1	44.9	83.3

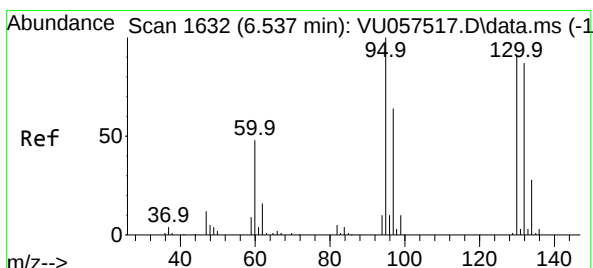
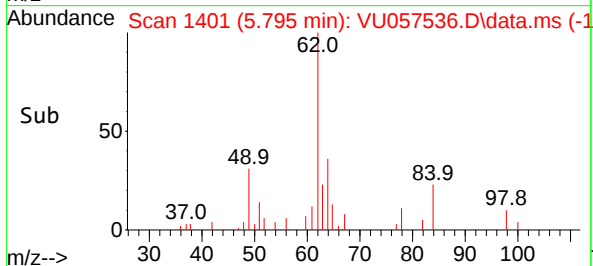
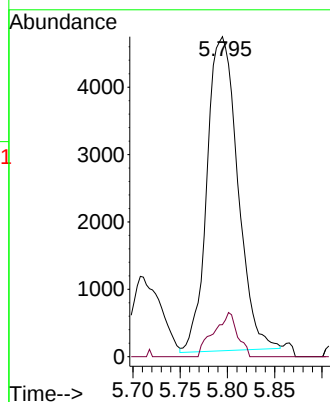
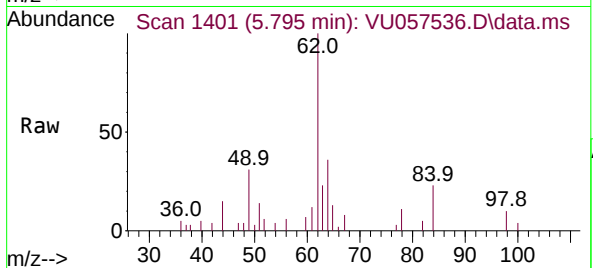




#27
1,2-Dichloroethane
Concen: 0.562 ug/L
RT: 5.795 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU057536.D
Acq: 15 Jan 2024 17:49

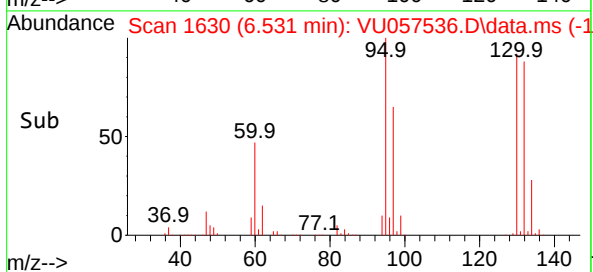
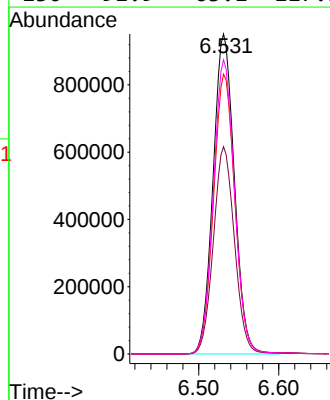
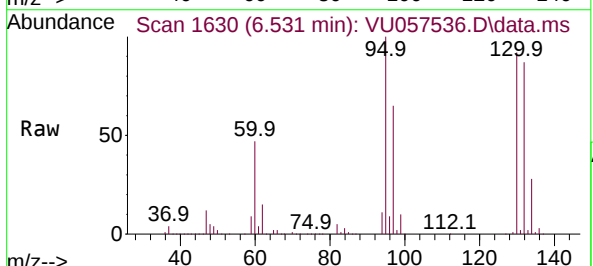
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MSVOA_U
ClientSampleId :

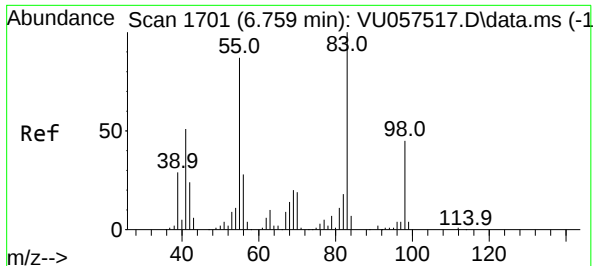
Tgt Ion: 62 Resp: 10565
Ion Ratio Lower Upper
62 100
98 10.0 7.4 11.0



#34
Trichloroethene
Concen: 93.297 ug/L
RT: 6.531 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VU057536.D
Acq: 15 Jan 2024 17:49

Tgt Ion: 95 Resp: 1754209
Ion Ratio Lower Upper
95 100
97 64.7 45.0 83.6
132 87.4 61.7 114.5
130 91.9 63.1 117.3

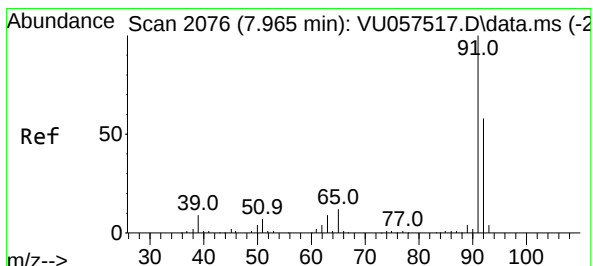
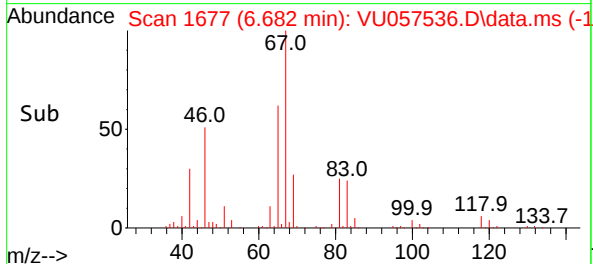
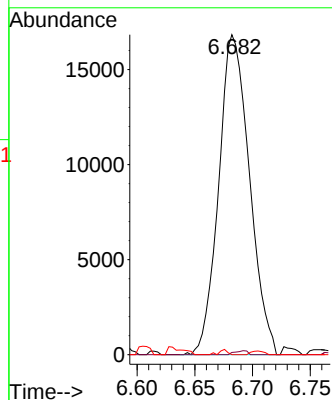
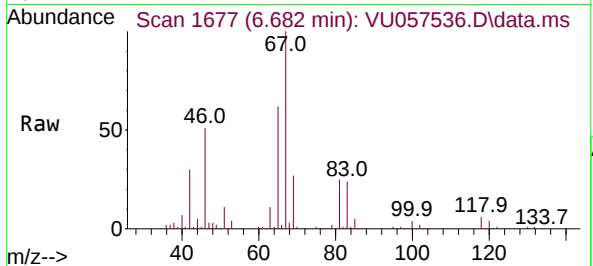




#35
Methylcyclohexane
Concen: 1.249 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU057536.D
Acq: 15 Jan 2024 17:49

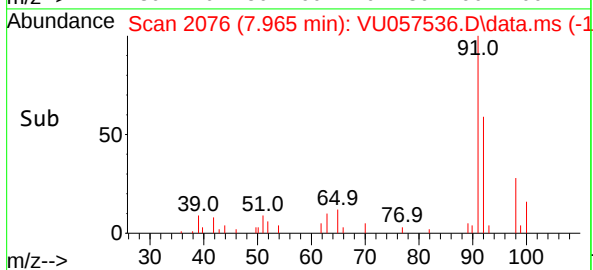
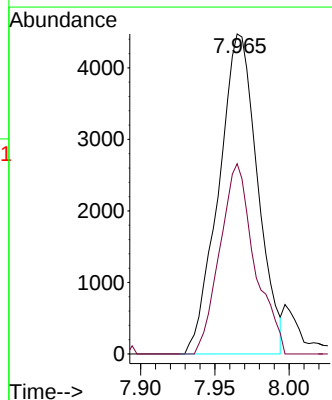
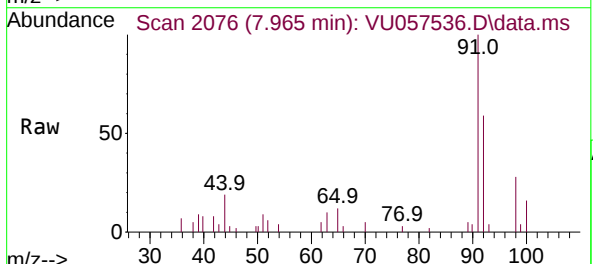
Instrument :
MSVOA_U
ClientSampleId :

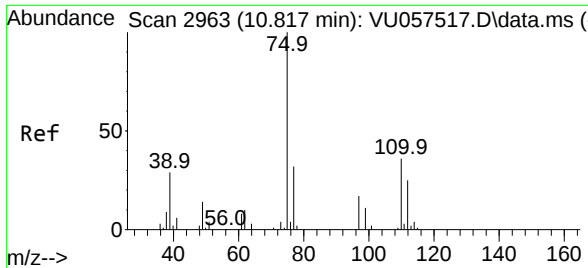
Tgt Ion: 83 Resp: 31225
Ion Ratio Lower Upper
83 100
55 0.5 68.7 103.1#
98 0.0 36.3 54.5#



#42
Toluene
Concen: 0.115 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VU057536.D
Acq: 15 Jan 2024 17:49

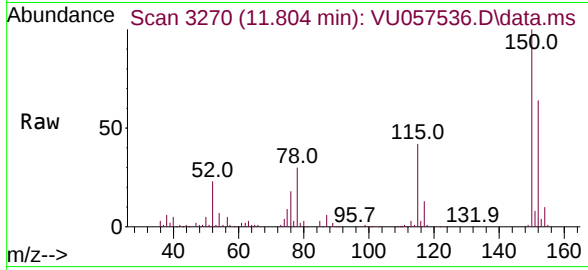
Tgt Ion: 91 Resp: 8147
Ion Ratio Lower Upper
91 100
92 59.5 41.2 76.4





#61
1,2,3-Trichloropropane
Concen: 1.442 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU057536.D
Acq: 15 Jan 2024 17:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	12122
Ion	Ratio	Lower	Upper
75	100		
110	1.6	29.4	44.0#
77	32.4	26.2	39.4

