

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054936.D
 Acq On : 28 Aug 2023 20:16
 Operator : MD/SY
 Sample : 04173-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 05:02:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 04:51:39 2023
 Response via : Initial Calibration

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

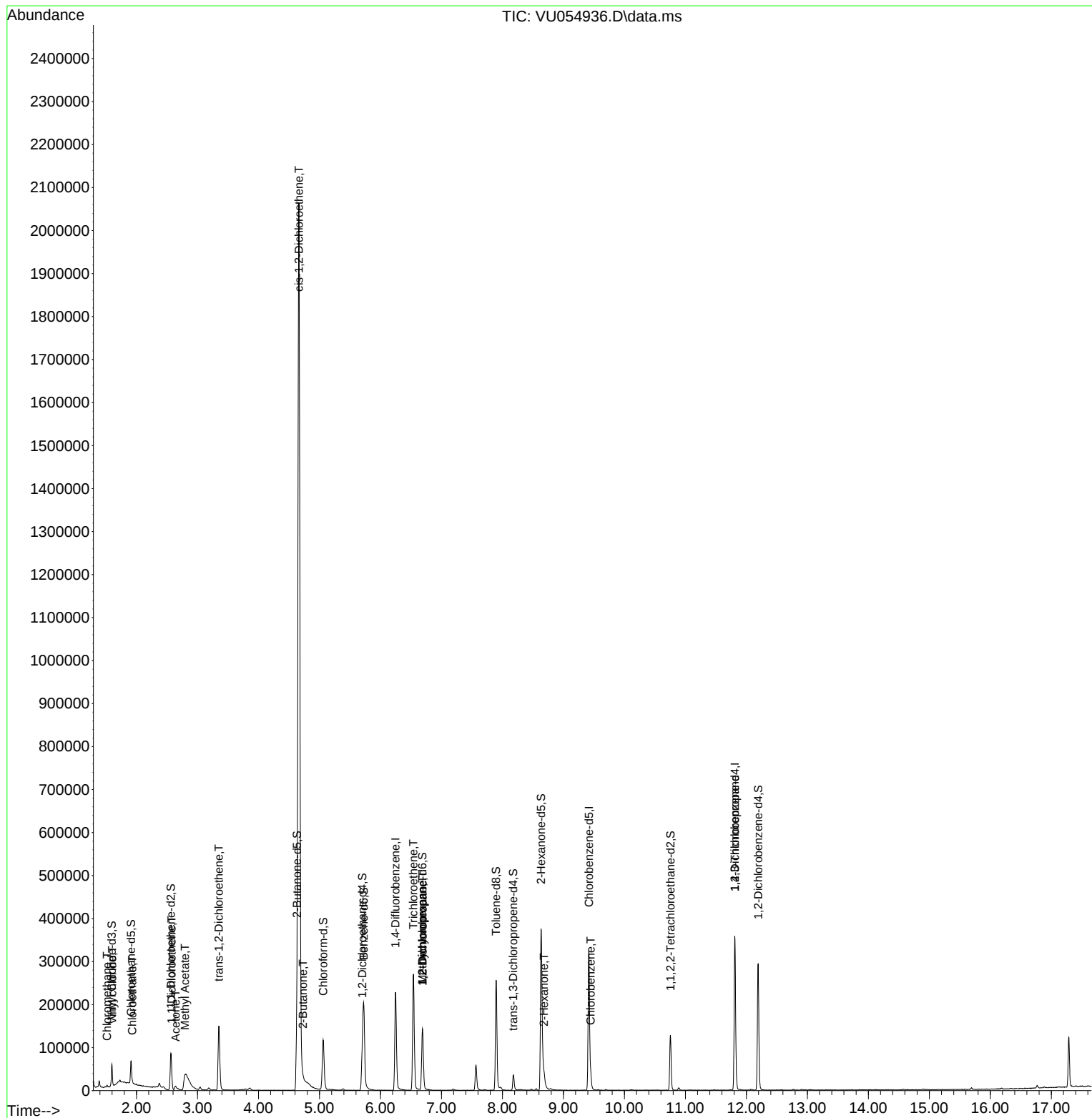
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	184228	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	175243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	93122	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26469	4.552	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.911	69	35703	4.753	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.563	65	15542	4.729	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	4.631	46	189571	60.399	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.800%
24) Chloroform-d	5.061	84	105095	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.701	65	59479	5.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.727	84	189573	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.688	67	68286	4.929	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.897	98	170826	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.177	79	20958	4.597	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.634	63	125522	58.003	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.000%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	64030	5.390	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	72822	4.898	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	3410	0.286	ug/L	94
5) Vinyl chloride	1.602	62	8132	0.658	ug/L #	54
8) Chloroethane	1.930	64	6464	0.795	ug/L #	63
12) 1,1-Dichloroethene	2.576	96	3956	0.476	ug/L #	1
13) Acetone	2.640	43	14715	8.674	ug/L	95
15) Methyl Acetate	2.795	43	13094	3.770	ug/L #	51
18) trans-1,2-Dichloroethene	3.351	96	60058	6.607	ug/L	95
21) 2-Butanone	4.727	43	25655	9.869	ug/L	82
22) cis-1,2-Dichloroethene	4.663	96	1042311	96.172	ug/L	95
34) Trichloroethene	6.541	95	91573	7.993	ug/L	97
35) Methylcyclohexane	6.688	83	16190	0.955	ug/L #	25
37) 1,2-Dichloropropane	6.692	63	8321	0.722	ug/L #	90
48) 2-Hexanone	8.682	43	15323	3.220	ug/L #	88
51) Chlorobenzene	9.447	112	15977	0.535	ug/L	92
61) 1,2,3-Trichloropropane	11.810	75	14373	2.073	ug/L #	68

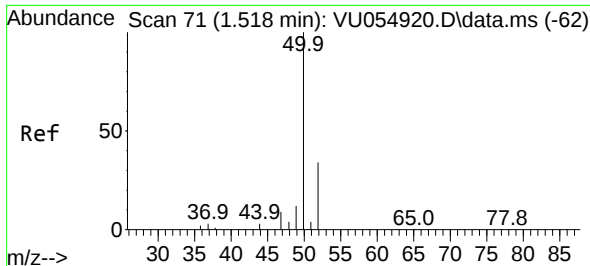
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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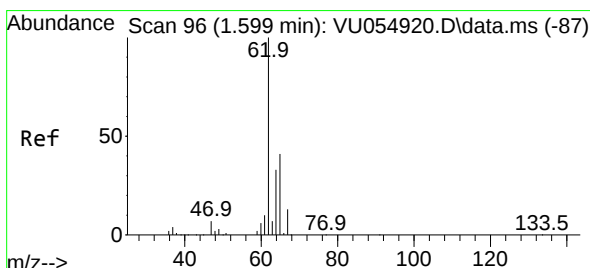
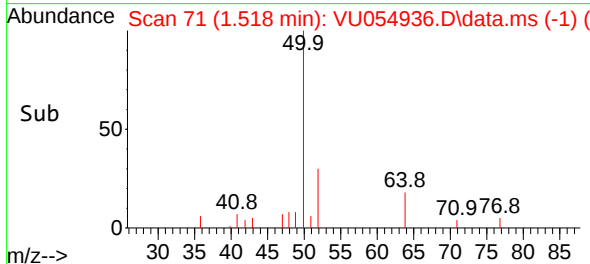
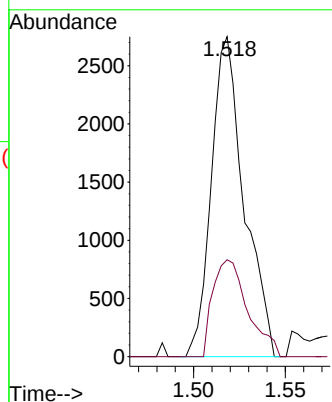
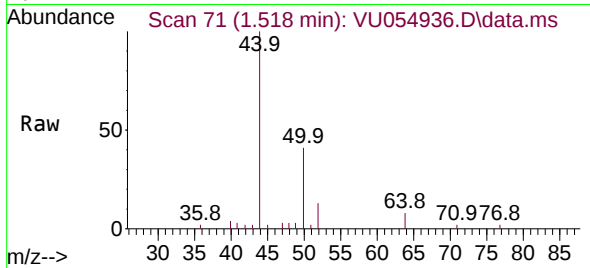




#3
Chloromethane
Concen: 0.286 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054936.D
Acq: 28 Aug 2023 20:16

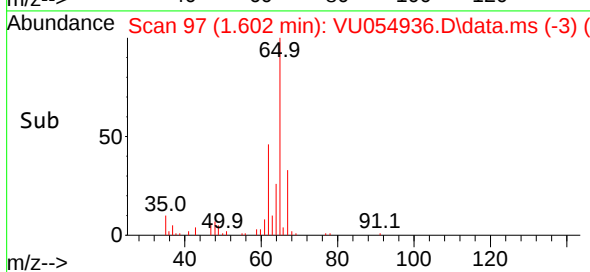
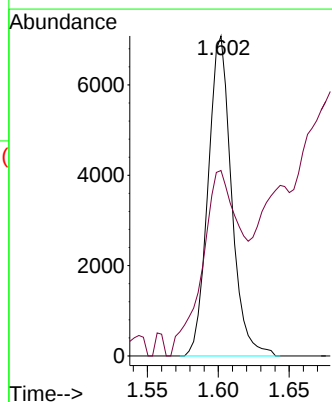
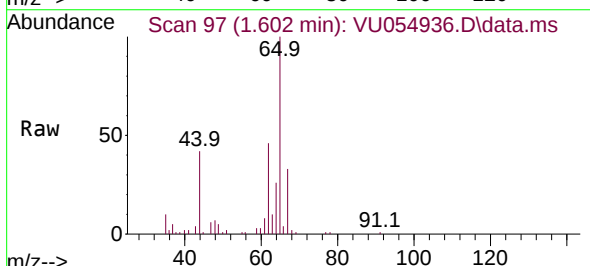
Instrument :
MSVOA_U
ClientSampleId :

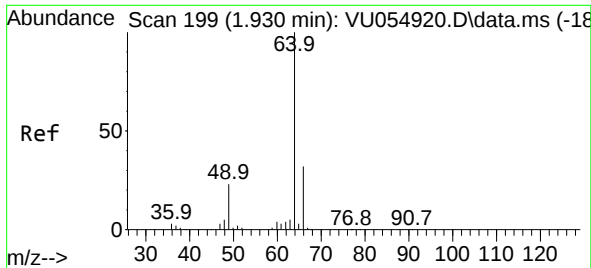
Tgt Ion: 50 Resp: 3410
Ion Ratio Lower Upper
50 100
52 30.3 23.4 43.6



#5
Vinyl chloride
Concen: 0.658 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU054936.D
Acq: 28 Aug 2023 20:16

Tgt Ion: 62 Resp: 8132
Ion Ratio Lower Upper
62 100
64 58.0 22.7 42.1#

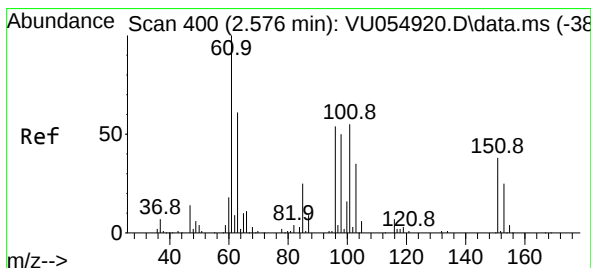
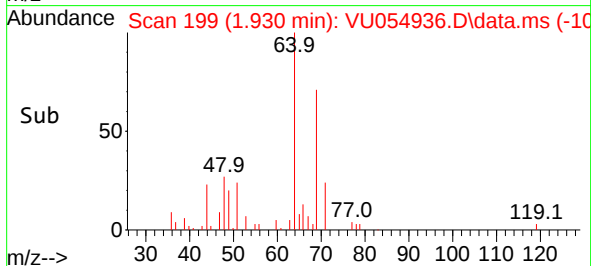
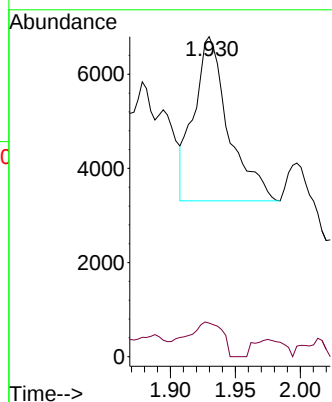
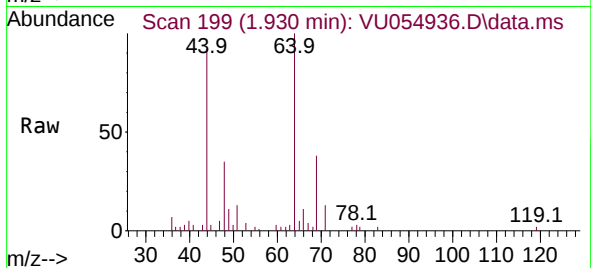




#8
Chloroethane
Concen: 0.795 ug/L
RT: 1.930 min Scan# 199
Delta R.T. -0.000 min
Lab File: VU054936.D
Acq: 28 Aug 2023 20:16

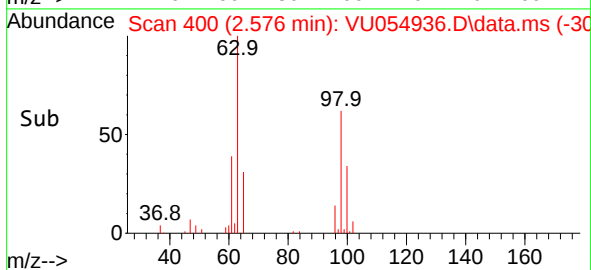
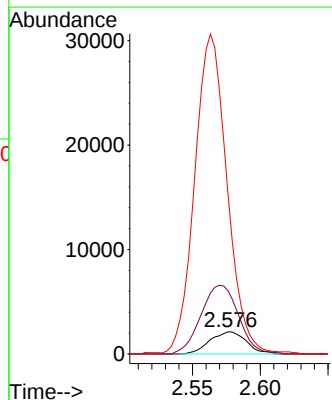
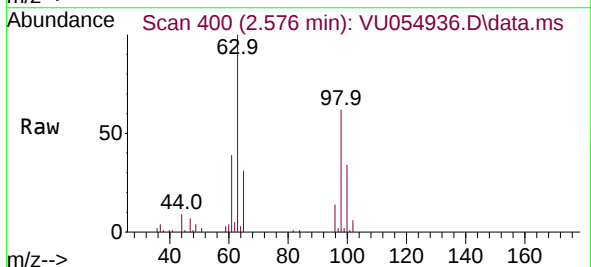
Instrument :
MSVOA_U
ClientSampleId :

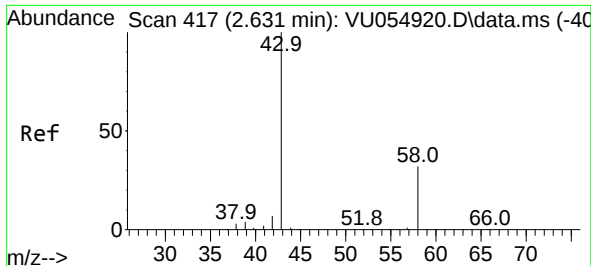
Tgt Ion: 64 Resp: 6464
Ion Ratio Lower Upper
64 100
66 10.5 21.5 39.9#



#12
1,1-Dichloroethene
Concen: 0.476 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054936.D
Acq: 28 Aug 2023 20:16

Tgt Ion: 96 Resp: 3956
Ion Ratio Lower Upper
96 100
61 287.8 132.4 245.8#
63 731.0 82.5 153.1#





#13

Acetone

Concen: 8.674 ug/L

RT: 2.640 min Scan# 417

Delta R.T. 0.009 min

Lab File: VU054936.D

Acq: 28 Aug 2023 20:16

Instrument :

MSVOA_U

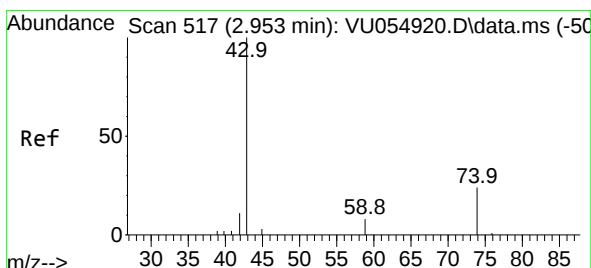
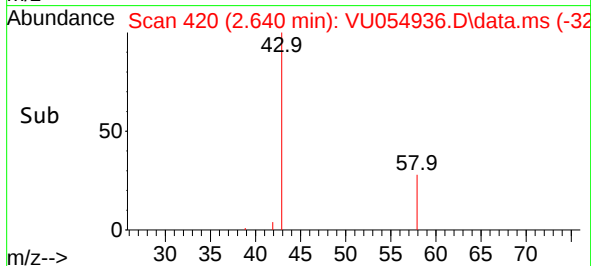
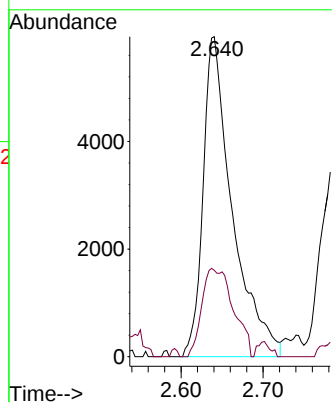
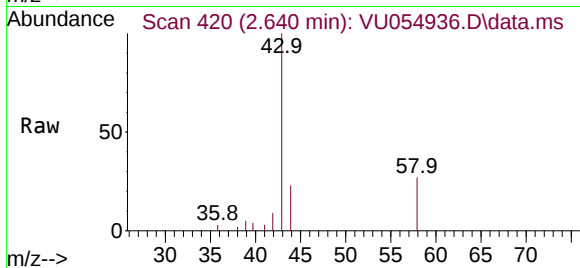
ClientSampleId :

Tgt Ion: 43 Resp: 14715

Ion Ratio Lower Upper

43 100

58 29.7 0.0 64.4



#15

Methyl Acetate

Concen: 3.770 ug/L

RT: 2.795 min Scan# 468

Delta R.T. -0.158 min

Lab File: VU054936.D

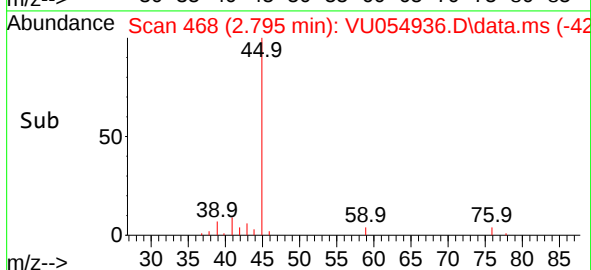
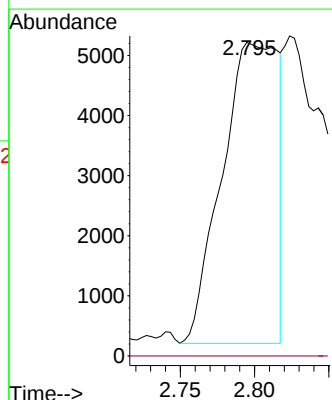
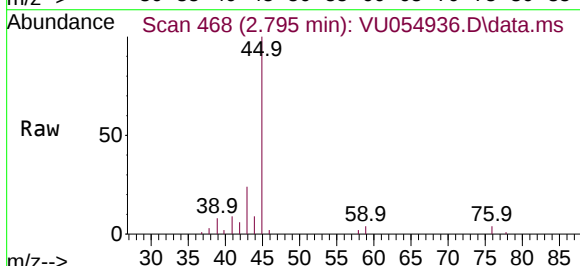
Acq: 28 Aug 2023 20:16

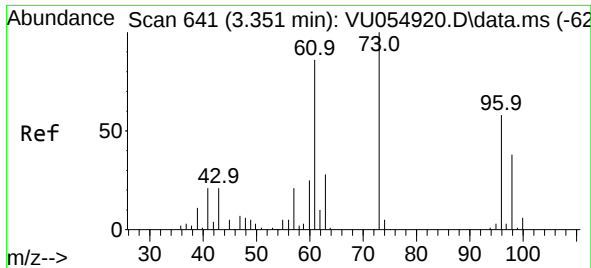
Tgt Ion: 43 Resp: 13094

Ion Ratio Lower Upper

43 100

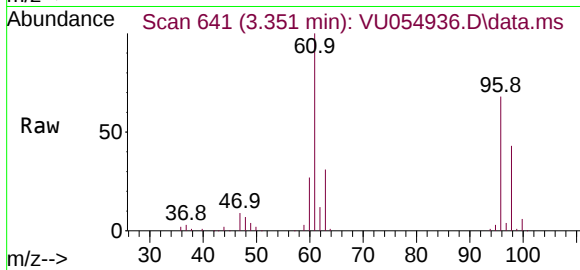
74 0.0 19.5 29.3#



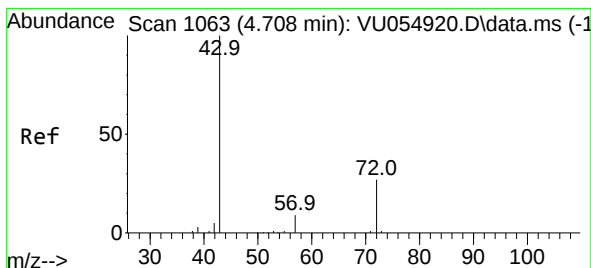
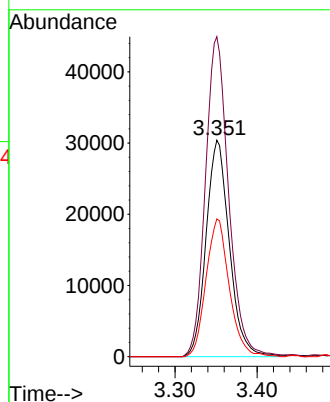
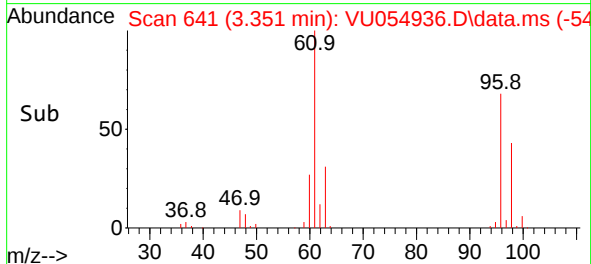


#18
trans-1,2-Dichloroethene
Concen: 6.607 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054936.D
Acq: 28 Aug 2023 20:16

Instrument :
MSVOA_U
ClientSampleId :

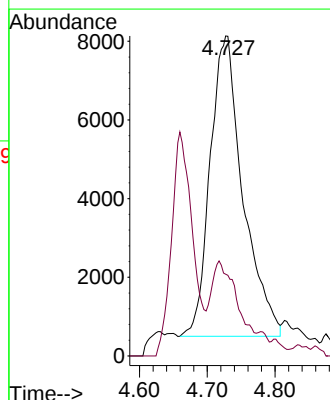
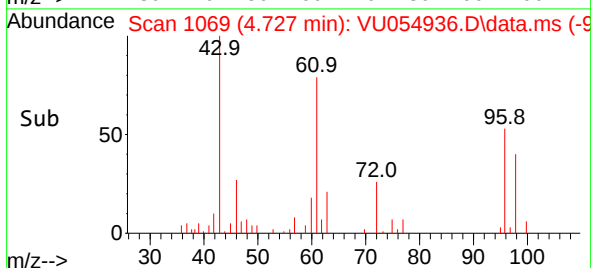
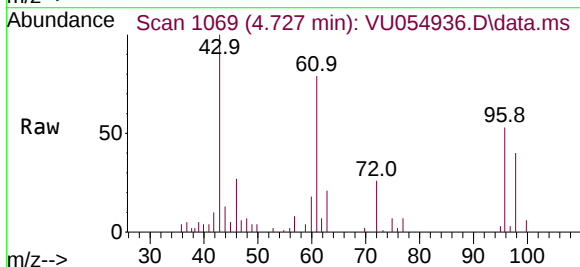


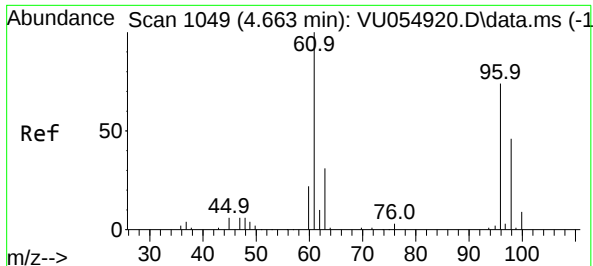
Tgt Ion: 96 Resp: 60058
Ion Ratio Lower Upper
96 100
61 147.9 108.8 202.0
98 63.6 45.8 85.2



#21
2-Butanone
Concen: 9.869 ug/L
RT: 4.727 min Scan# 1069
Delta R.T. 0.019 min
Lab File: VU054936.D
Acq: 28 Aug 2023 20:16

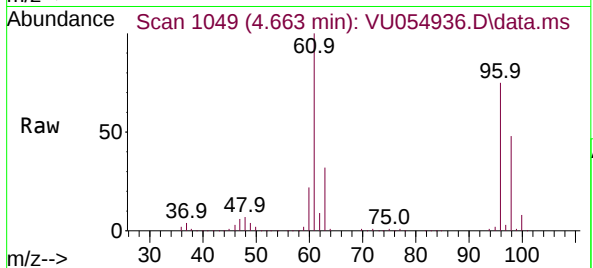
Tgt Ion: 43 Resp: 25655
Ion Ratio Lower Upper
43 100
72 18.6 14.1 42.3





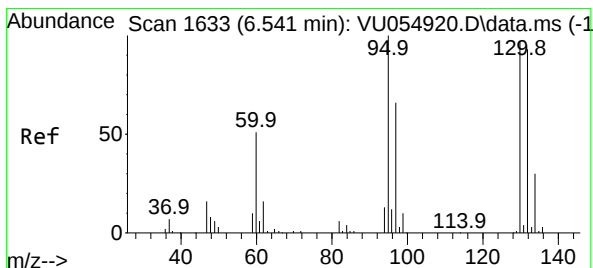
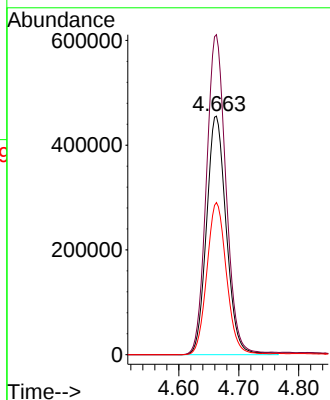
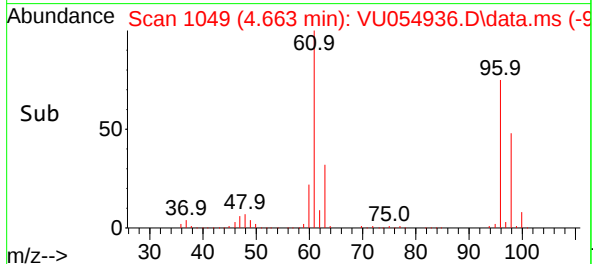
#22
 cis-1,2-Dichloroethene
 Concen: 96.172 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU054936.D
 Acq: 28 Aug 2023 20:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 1042311

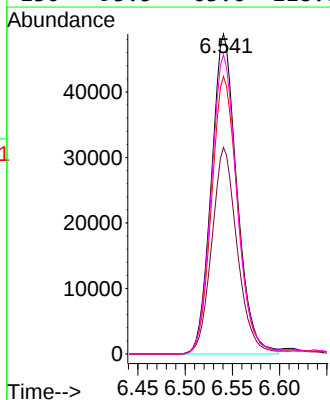
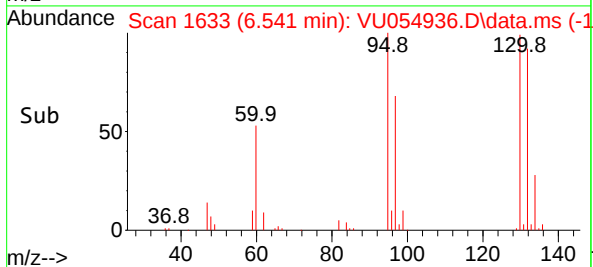
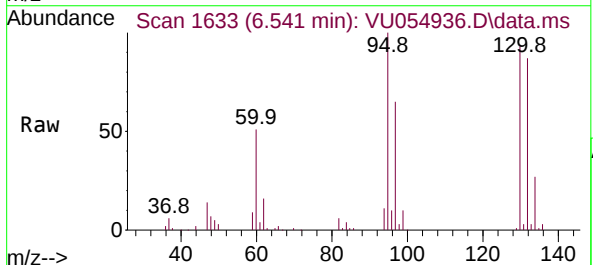
Ion	Ratio	Lower	Upper
96	100		
61	134.1	88.4	164.2
98	63.8	44.0	81.6

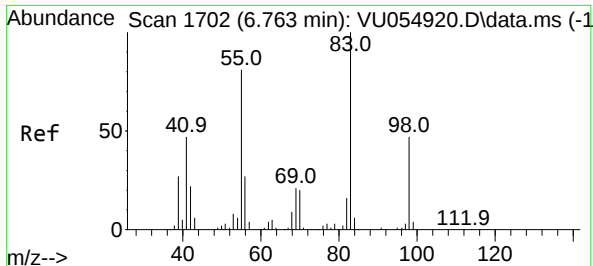


#34
 Trichloroethene
 Concen: 7.993 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. -0.000 min
 Lab File: VU054936.D
 Acq: 28 Aug 2023 20:16

Tgt Ion: 95 Resp: 91573

Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.1	81.9
132	86.8	63.6	118.2
130	93.5	63.6	118.0

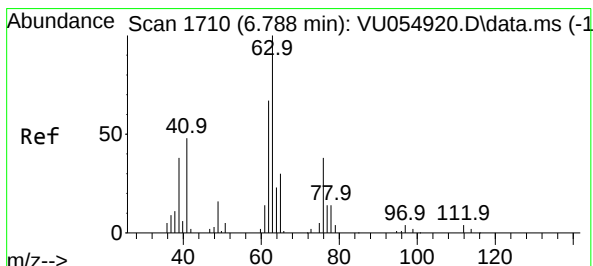
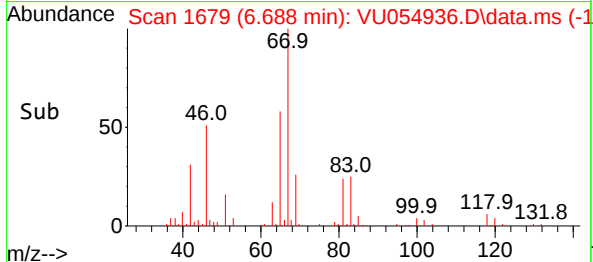
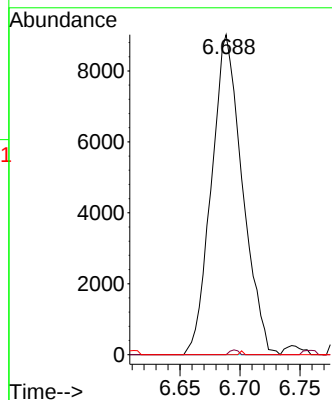
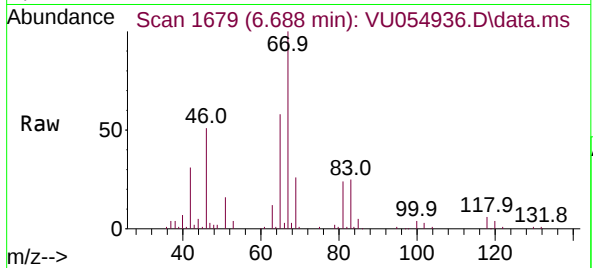




#35
Methylcyclohexane
Concen: 0.955 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU054936.D
Acq: 28 Aug 2023 20:16

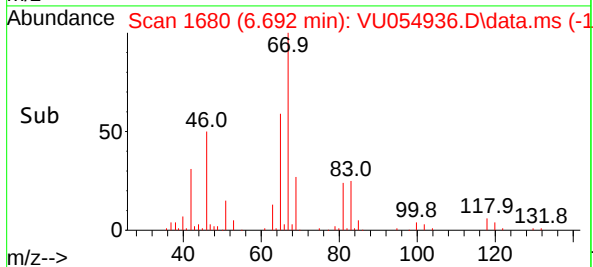
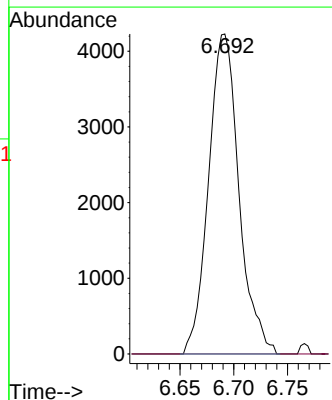
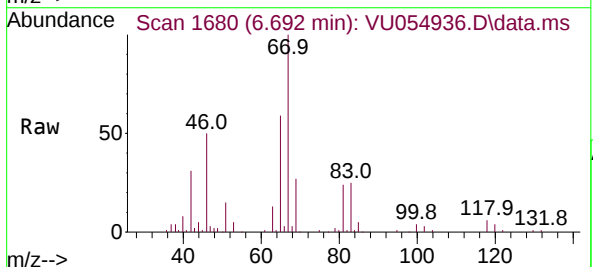
Instrument :
MSVOA_U
ClientSampleId :

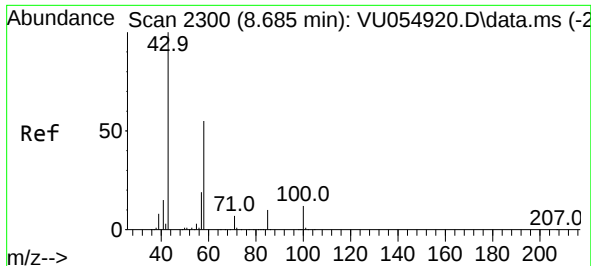
Tgt Ion: 83 Resp: 16190
Ion Ratio Lower Upper
83 100
55 0.4 62.1 93.1#
98 13.1 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.722 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.097 min
Lab File: VU054936.D
Acq: 28 Aug 2023 20:16

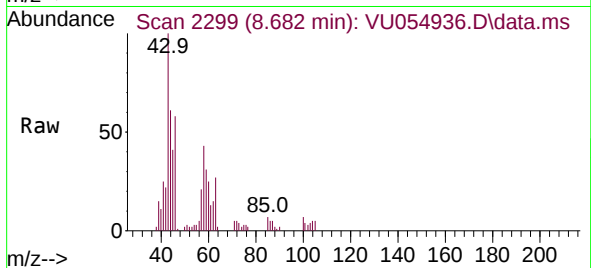
Tgt Ion: 63 Resp: 8321
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



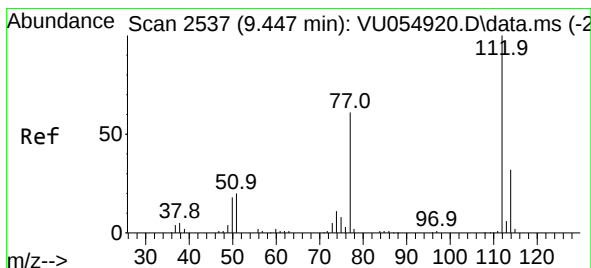
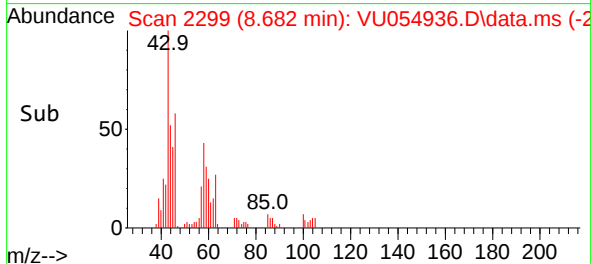
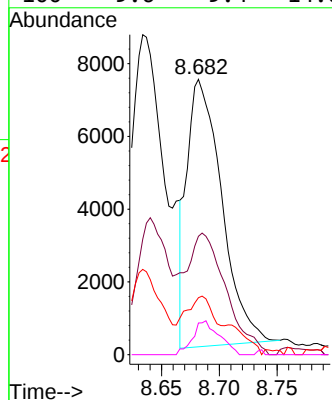


#48
2-Hexanone
Concen: 3.220 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054936.D
Acq: 28 Aug 2023 20:16

Instrument :
MSVOA_U
ClientSampleId :

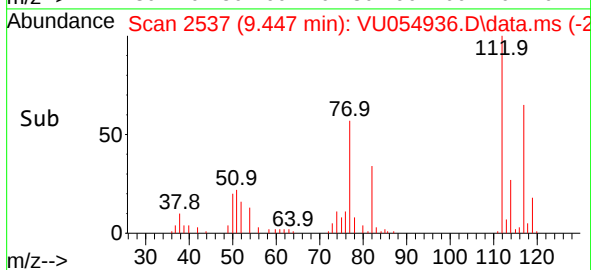
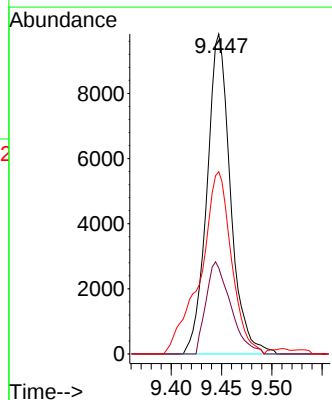
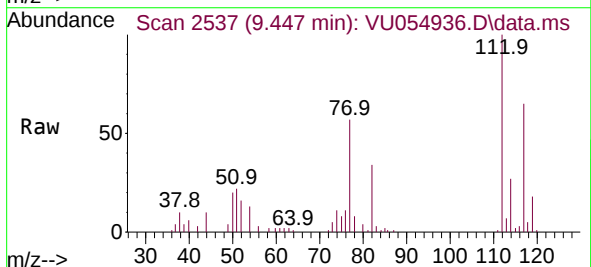


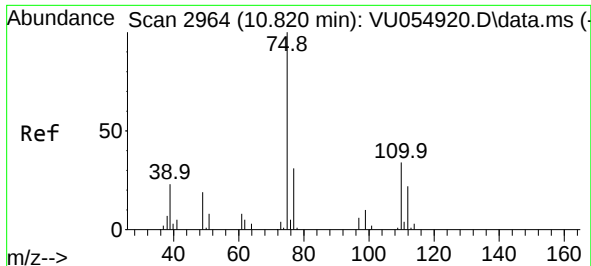
Tgt Ion:	43	Resp:	15323
Ion	Ratio	Lower	Upper
43	100		
58	47.7	44.0	66.0
57	9.3	15.9	23.9
100	9.6	9.4	14.0



#51
Chlorobenzene
Concen: 0.535 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. -0.000 min
Lab File: VU054936.D
Acq: 28 Aug 2023 20:16

Tgt Ion:	112	Resp:	15977
Ion	Ratio	Lower	Upper
112	100		
114	26.9	23.4	43.4
77	57.0	49.3	73.9





#61

1,2,3-Trichloropropane

Concen: 2.073 ug/L

RT: 11.810 min Scan# 31

Delta R.T. 0.990 min

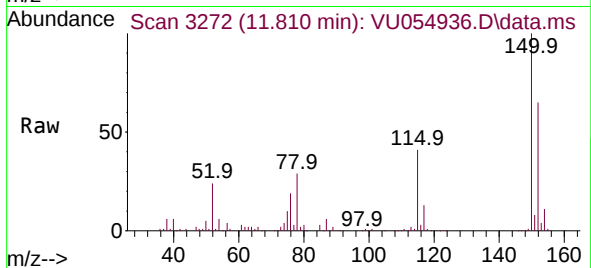
Lab File: VU054936.D

Acq: 28 Aug 2023 20:16

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 14373

Ion Ratio Lower Upper

75 100

110 2.5 29.0 43.6#

77 30.4 26.5 39.7

