

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054963.D
 Acq On : 29 Aug 2023 17:48
 Operator : MD/SY
 Sample : 04173-15DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:31:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

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

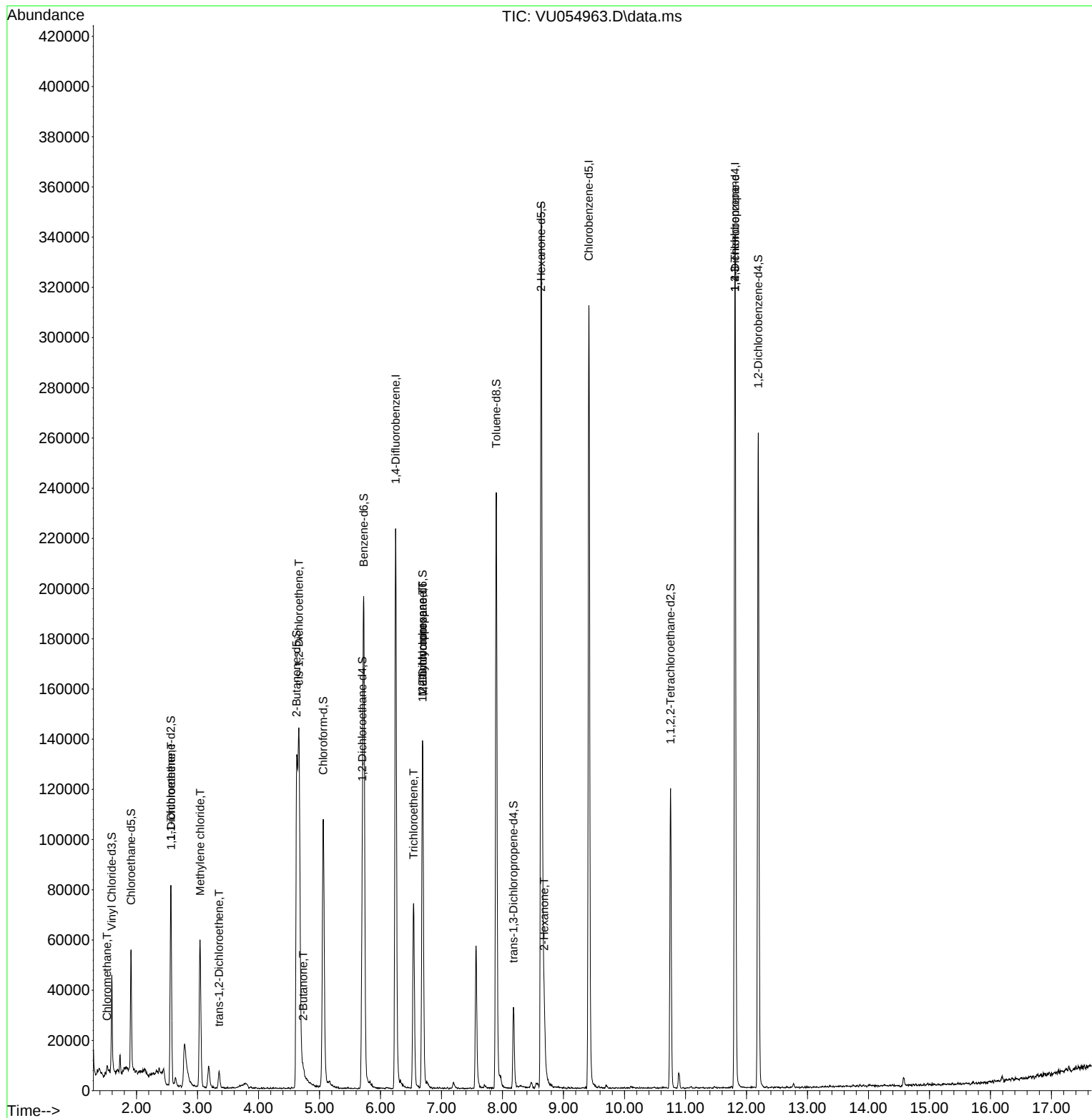
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	177275	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	169416	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	85358	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26208	4.684	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.910	69	33634	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.563	65	15535	4.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.624	46	179536	59.445	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.900%
24) Chloroform-d	5.061	84	96977	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.701	65	56701	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.727	84	179009	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.692	67	66010	4.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.897	98	158824	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.180	79	18614	4.223	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.634	63	119363	57.054	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.100%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	57466	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	66849	4.905	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2656	0.232	ug/L	87
12) 1,1-Dichloroethene	2.566	96	1293	0.162	ug/L #	1
16) Methylene chloride	3.042	84	25867	2.103	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	2625	0.300	ug/L	89
21) 2-Butanone	4.730	43	6239	2.494	ug/L	74
22) cis-1,2-Dichloroethene	4.663	96	56144	5.383	ug/L	95
34) Trichloroethene	6.541	95	24345	2.198	ug/L	96
35) Methylcyclohexane	6.688	83	14841	0.906	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	7107	0.638	ug/L #	90
48) 2-Hexanone	8.685	43	14924	3.244	ug/L #	94
61) 1,2,3-Trichloropropane	11.810	75	11411	1.795	ug/L #	65

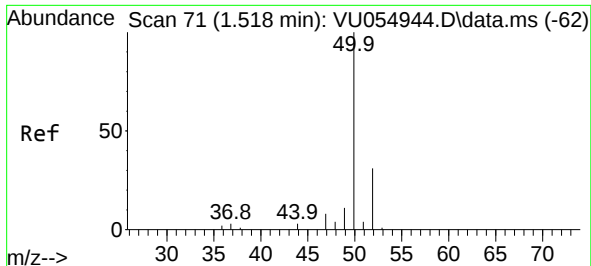
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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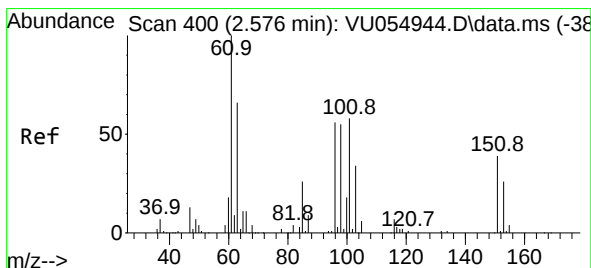
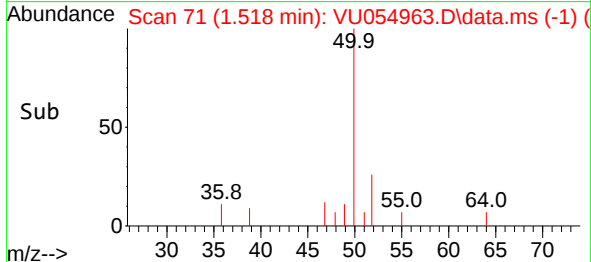
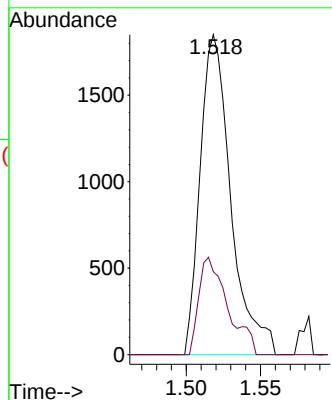
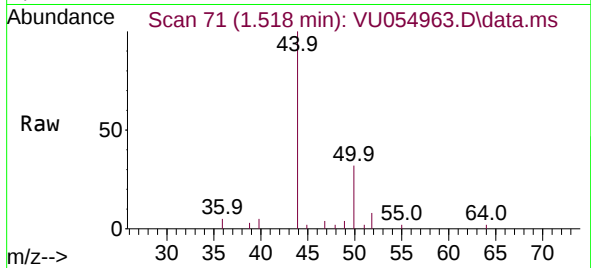




#3
Chloromethane
Concen: 0.232 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054963.D
Acq: 29 Aug 2023 17:48

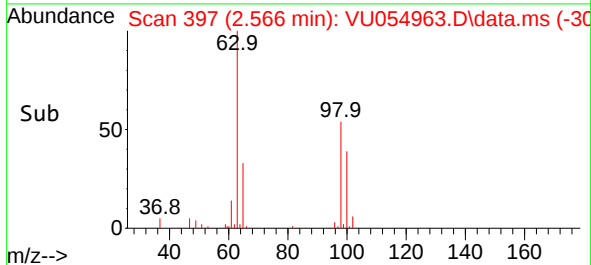
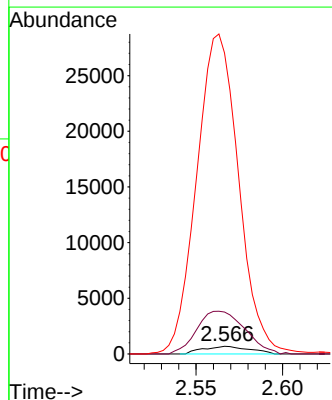
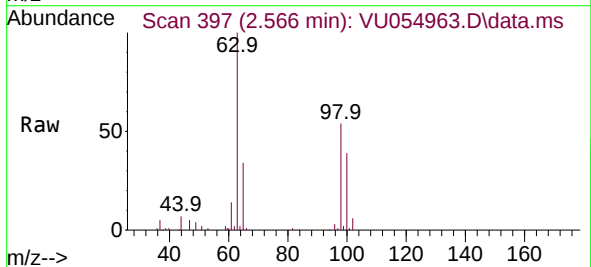
Instrument :
MSVOA_U
ClientSampleId :

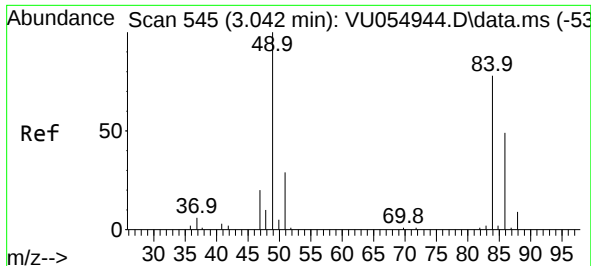
Tgt Ion: 50 Resp: 2656
Ion Ratio Lower Upper
50 100
52 25.9 23.4 43.6



#12
1,1-Dichloroethene
Concen: 0.162 ug/L
RT: 2.566 min Scan# 397
Delta R.T. -0.010 min
Lab File: VU054963.D
Acq: 29 Aug 2023 17:48

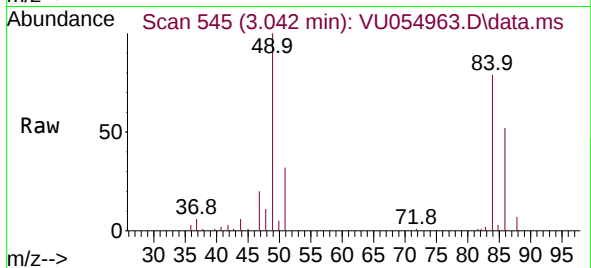
Tgt Ion: 96 Resp: 1293
Ion Ratio Lower Upper
96 100
61 550.0 132.4 245.8#
63 3941.7 82.5 153.1#



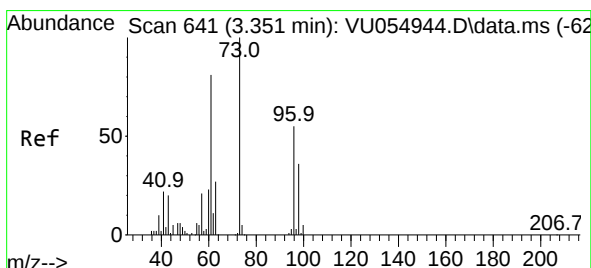
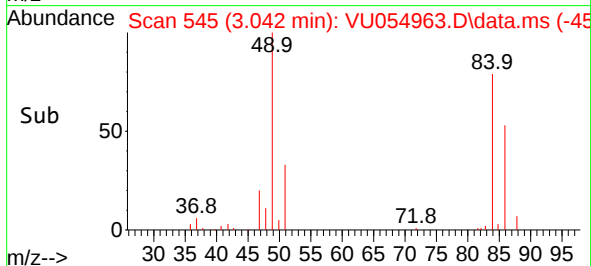
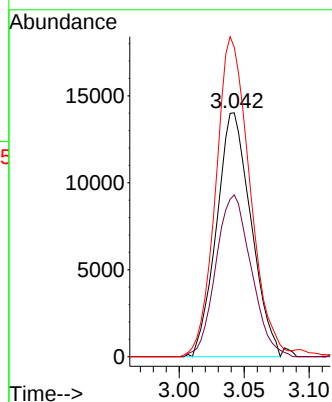


#16
Methylene chloride
Concen: 2.103 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU054963.D
Acq: 29 Aug 2023 17:48

Instrument :
MSVOA_U
ClientSampleId :

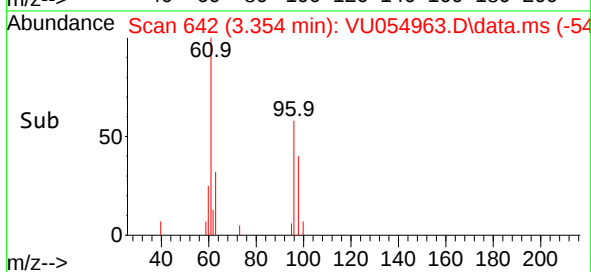
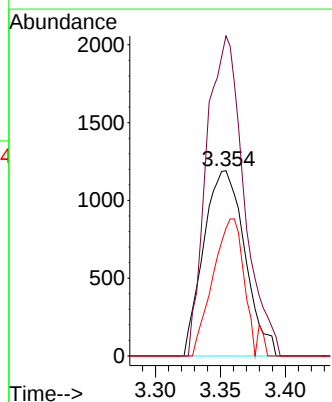
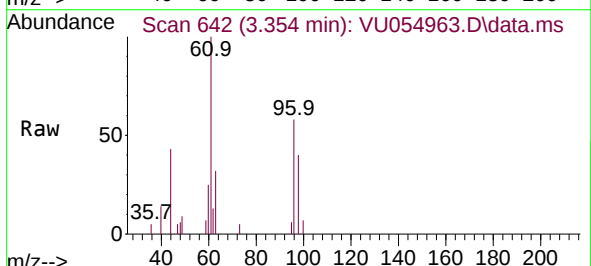


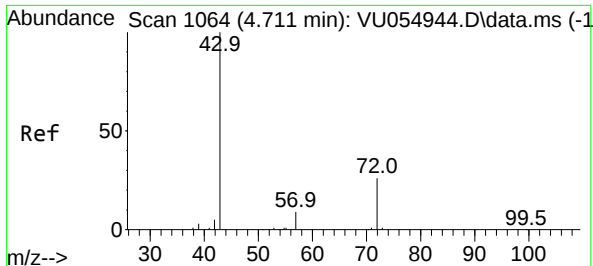
Tgt Ion:	84	Resp:	25867
Ion	Ratio	Lower	Upper
84	100		
86	66.3	45.1	83.7
49	126.9	89.5	166.3



#18
trans-1,2-Dichloroethene
Concen: 0.300 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU054963.D
Acq: 29 Aug 2023 17:48

Tgt Ion:	96	Resp:	2625
Ion	Ratio	Lower	Upper
96	100		
61	172.7	108.8	202.0
98	68.8	45.8	85.2





#21

2-Butanone

Concen: 2.494 ug/L

RT: 4.730 min Scan# 1070

Delta R.T. 0.019 min

Lab File: VU054963.D

Acq: 29 Aug 2023 17:48

Instrument :

MSVOA_U

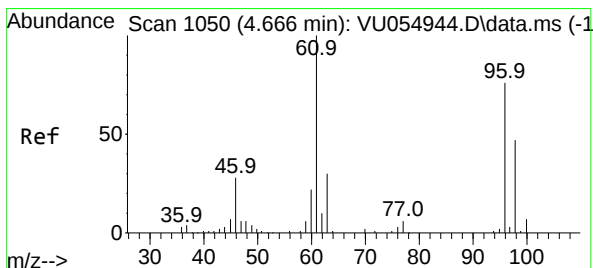
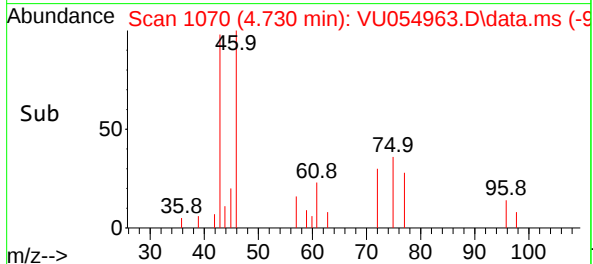
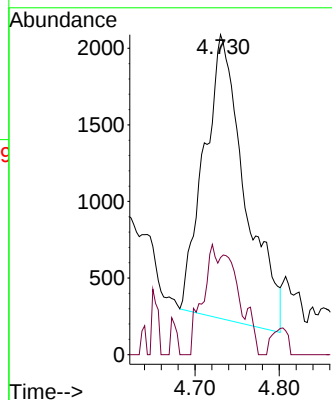
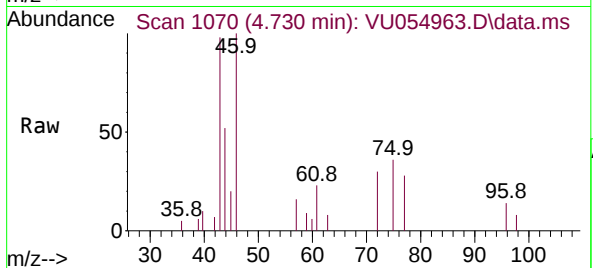
ClientSampleId :

Tgt Ion: 43 Resp: 6239

Ion Ratio Lower Upper

43 100

72 14.4 14.1 42.3



#22

cis-1,2-Dichloroethene

Concen: 5.383 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU054963.D

Acq: 29 Aug 2023 17:48

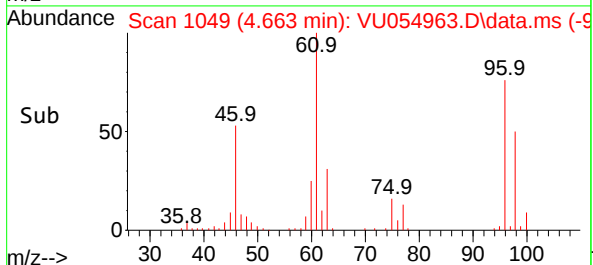
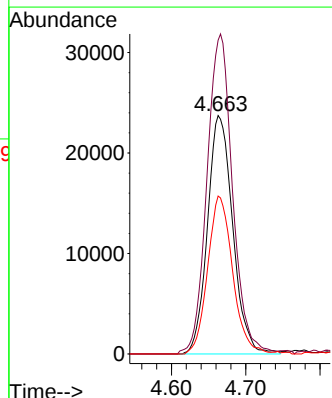
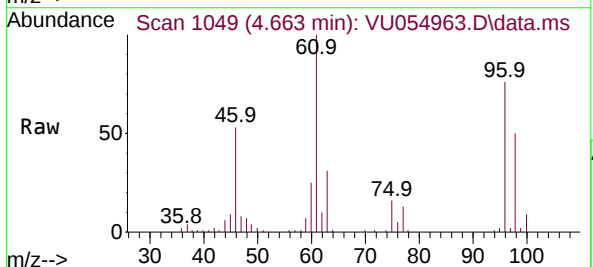
Tgt Ion: 96 Resp: 56144

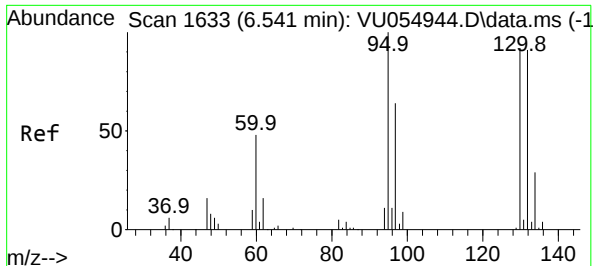
Ion Ratio Lower Upper

96 100

61 131.7 88.4 164.2

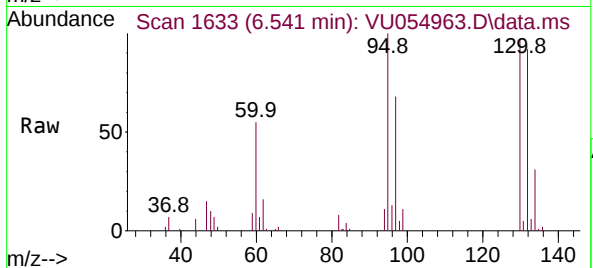
98 66.3 44.0 81.6





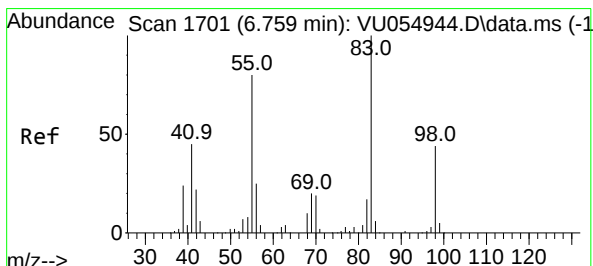
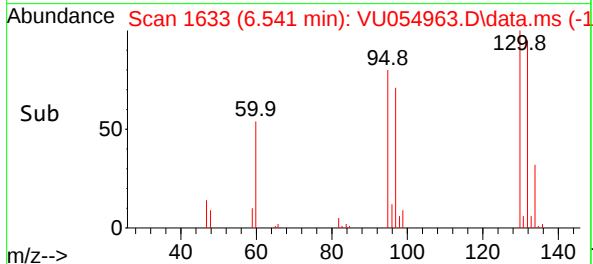
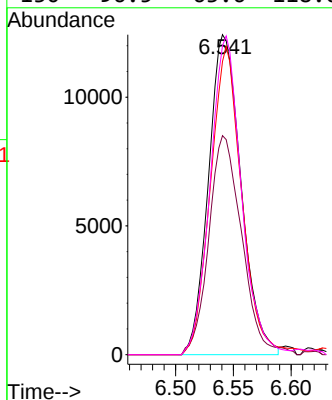
#34
Trichloroethene
Concen: 2.198 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU054963.D
Acq: 29 Aug 2023 17:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 24345

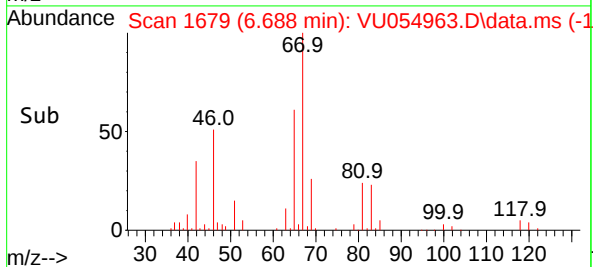
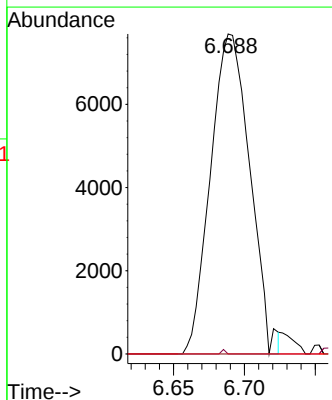
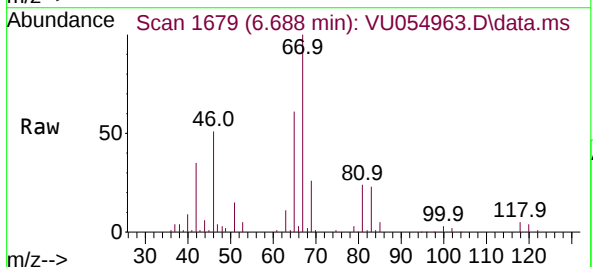
Ion	Ratio	Lower	Upper
95	100		
97	68.4	44.1	81.9
132	91.6	63.6	118.2
130	96.5	63.6	118.0

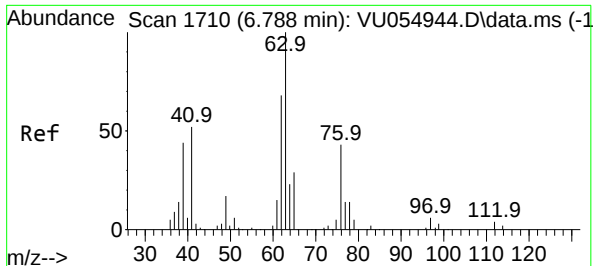


#35
Methylcyclohexane
Concen: 0.906 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054963.D
Acq: 29 Aug 2023 17:48

Tgt Ion: 83 Resp: 14841

Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.1	93.1#
98	0.0	37.8	56.6#





#37

1,2-Dichloropropane

Concen: 0.638 ug/L

RT: 6.688 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054963.D

Acq: 29 Aug 2023 17:48

Instrument :

MSVOA_U

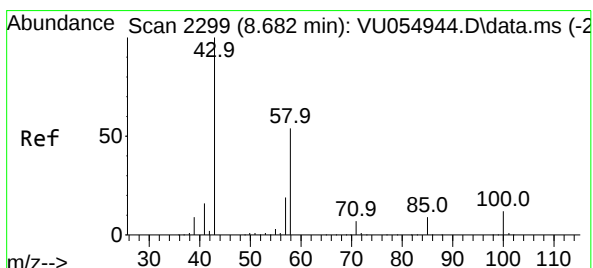
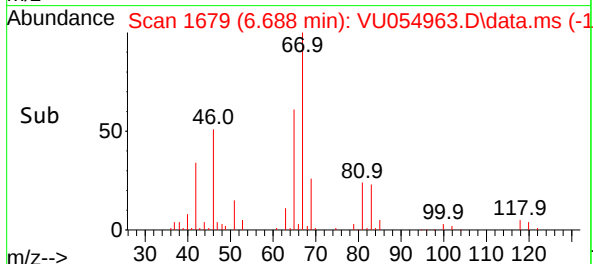
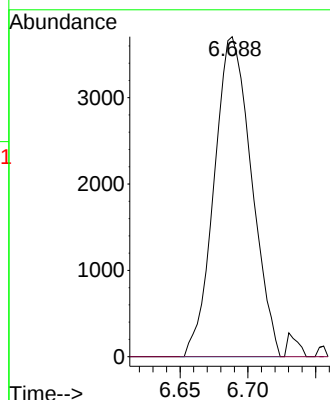
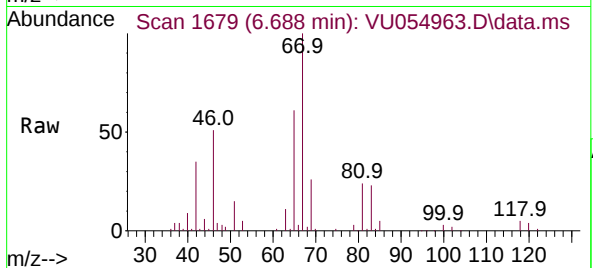
ClientSampleId :

Tgt Ion: 63 Resp: 7107

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#48

2-Hexanone

Concen: 3.244 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054963.D

Acq: 29 Aug 2023 17:48

Tgt Ion: 43 Resp: 14924

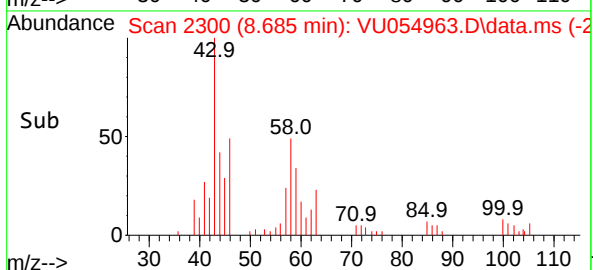
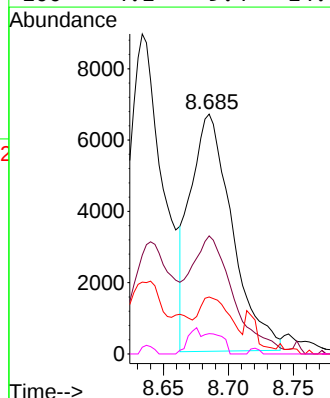
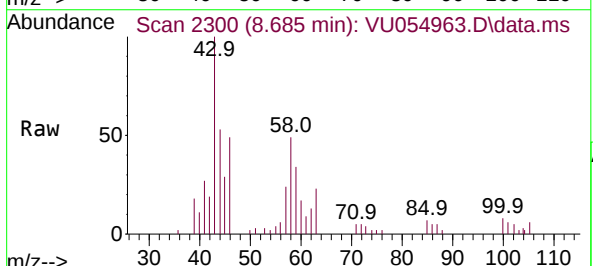
Ion Ratio Lower Upper

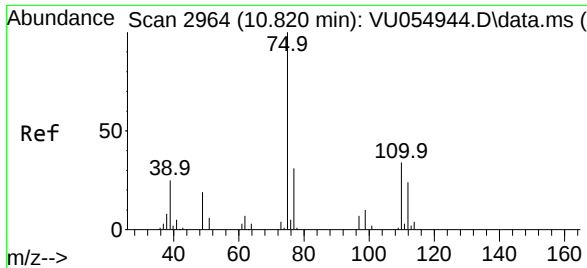
43 100

58 51.5 44.0 66.0

57 18.6 15.9 23.9

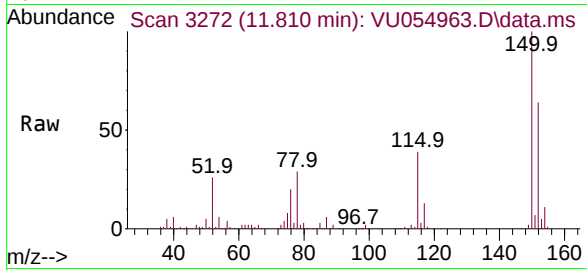
100 4.1 9.4 14.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.795 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054963.D
 Acq: 29 Aug 2023 17:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11411
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.0 43.6#
 77 36.7 26.5 39.7

