

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054965.D
 Acq On : 29 Aug 2023 18:38
 Operator : MD/SY
 Sample : 04173-17DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:32:22 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)

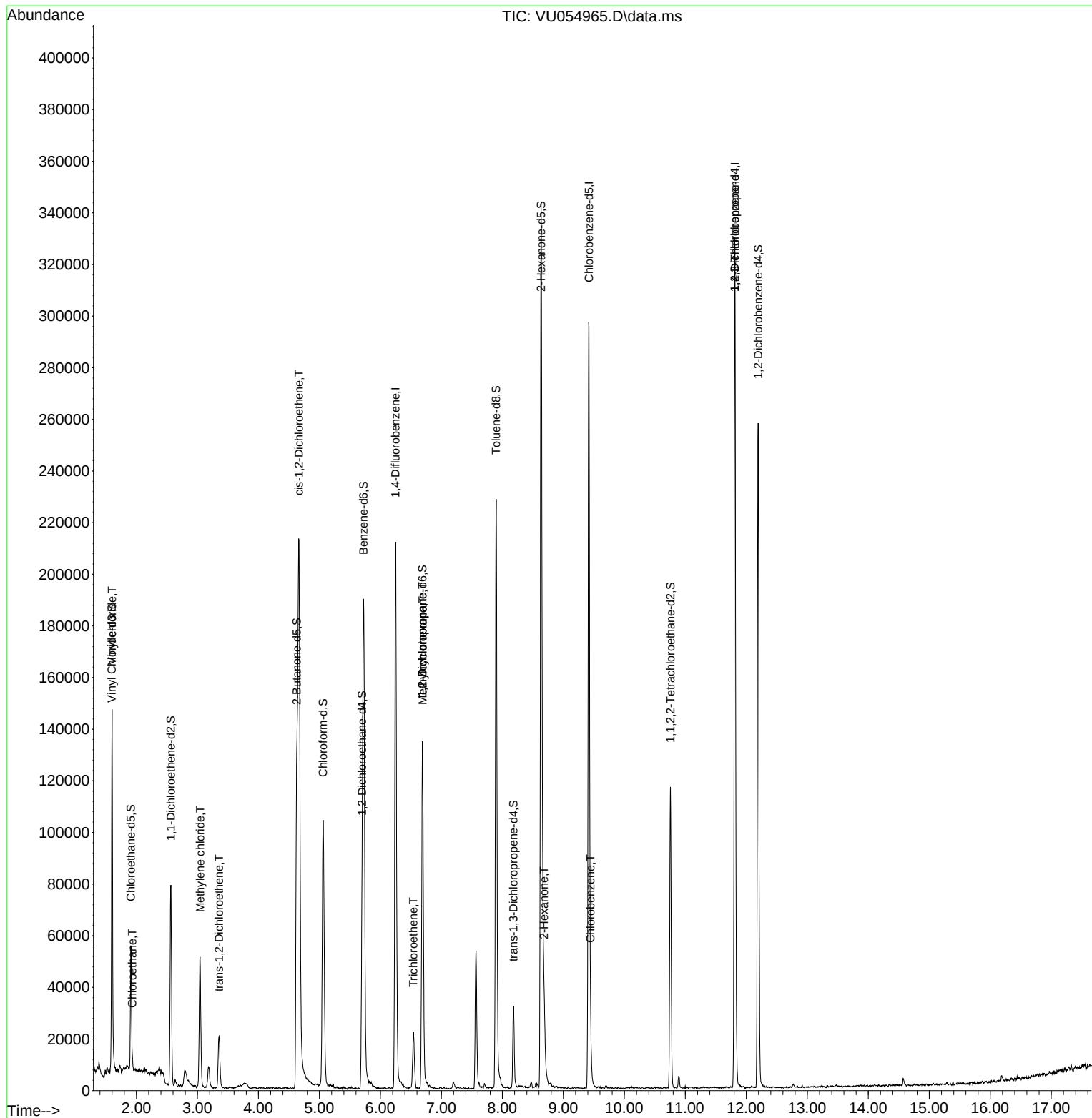
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	168444	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	165962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	83470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26537	4.992	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.908	69	32716	4.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.563	65	14927	4.968	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.628	46	174840	60.925	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.860%
24) Chloroform-d	5.059	84	96854	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.698	65	54607	5.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.724	84	173113	4.640	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.689	67	62935	4.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.898	98	152600	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.181	79	18690	4.329	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.634	63	114550	55.893	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.780%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	57516	5.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	64949	4.873	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	76427	6.760	ug/L	97
8) Chloroethane	1.930	64	1570	0.211	ug/L	84
16) Methylene chloride	3.043	84	22459	1.922	ug/L	97
18) trans-1,2-Dichloroethene	3.354	96	8263	0.994	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	93196	9.405	ug/L	94
34) Trichloroethene	6.541	95	7052	0.650	ug/L	88
35) Methylcyclohexane	6.692	83	14190	0.884	ug/L #	22
37) 1,2-Dichloropropane	6.689	63	6820	0.625	ug/L #	90
48) 2-Hexanone	8.682	43	15027	3.335	ug/L #	97
51) Chlorobenzene	9.444	112	5880	0.208	ug/L	98
61) 1,2,3-Trichloropropane	11.811	75	11844	1.906	ug/L #	69

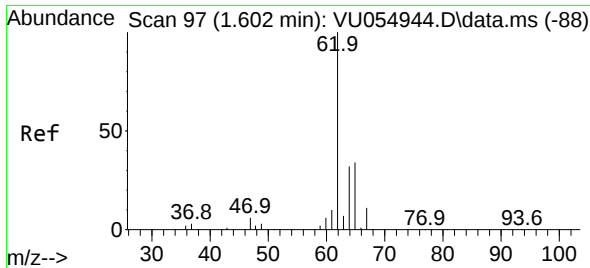
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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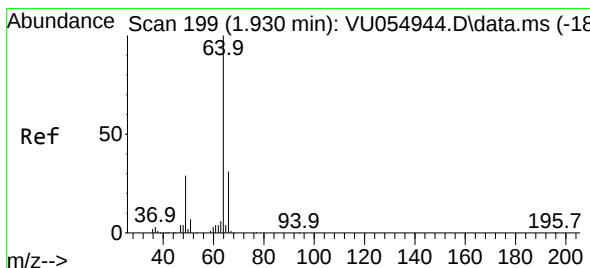
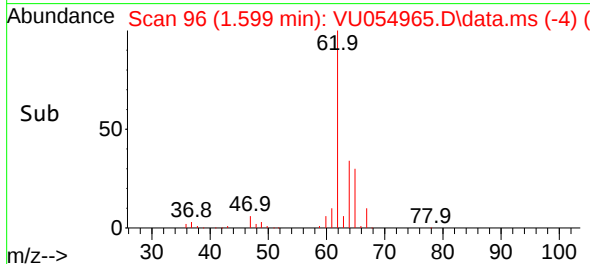
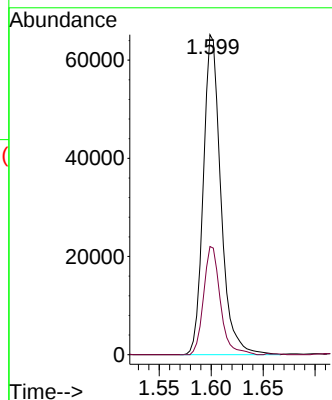
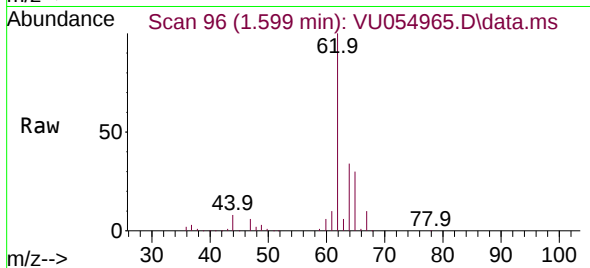




#5
 Vinyl chloride
 Concen: 6.760 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU054965.D
 Acq: 29 Aug 2023 18:38

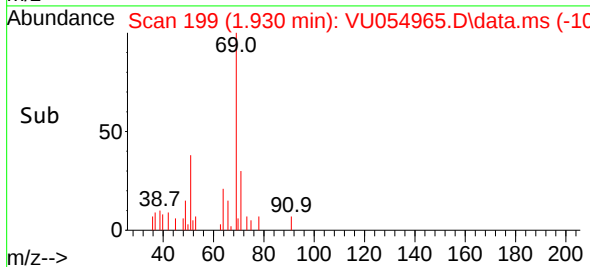
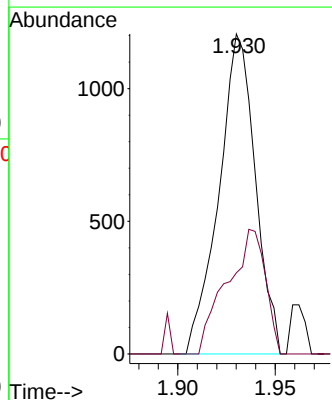
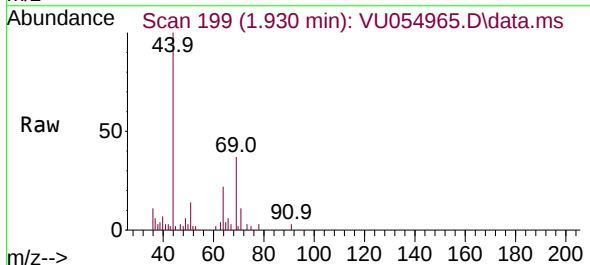
Instrument :
 MSVOA_U
 ClientSampleId :

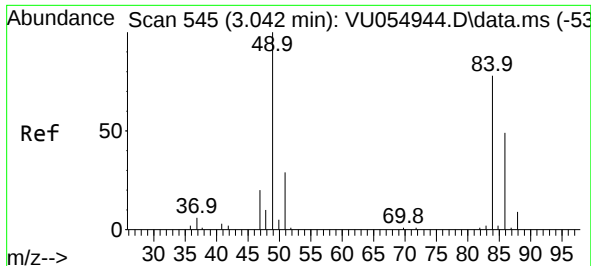
Tgt Ion: 62 Resp: 76427
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.7 42.1



#8
 Chloroethane
 Concen: 0.211 ug/L
 RT: 1.930 min Scan# 199
 Delta R.T. 0.000 min
 Lab File: VU054965.D
 Acq: 29 Aug 2023 18:38

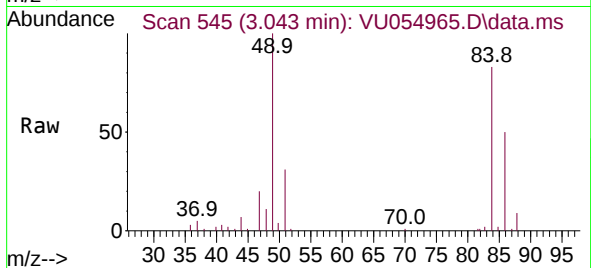
Tgt Ion: 64 Resp: 1570
 Ion Ratio Lower Upper
 64 100
 66 21.7 21.5 39.9



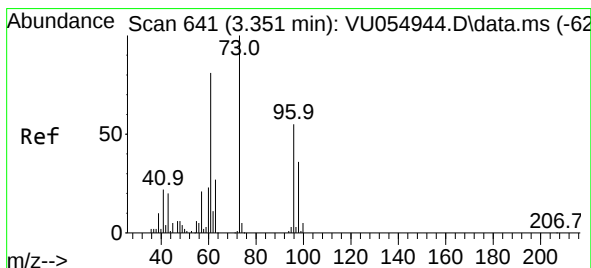
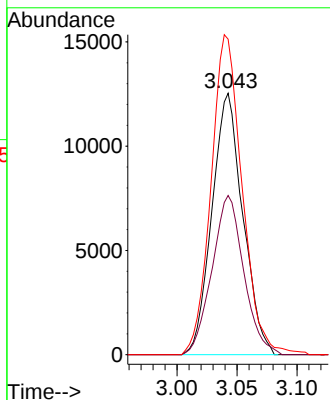
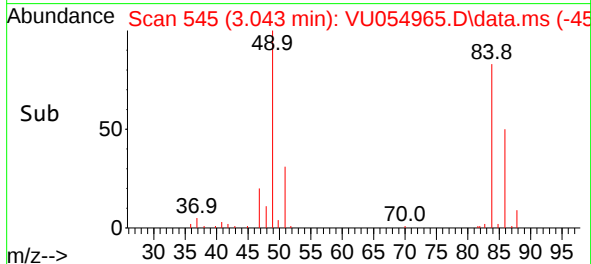


#16
Methylene chloride
Concen: 1.922 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU054965.D
Acq: 29 Aug 2023 18:38

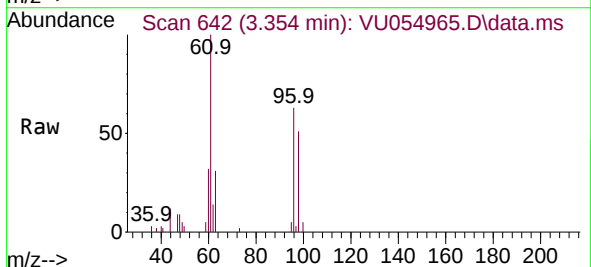
Instrument :
MSVOA_U
ClientSampleId :



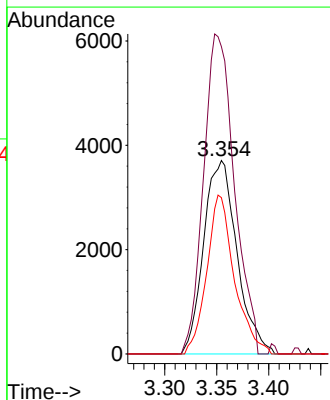
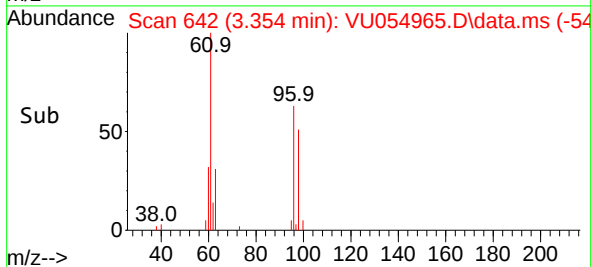
Tgt Ion: 84 Resp: 22459
Ion Ratio Lower Upper
84 100
86 60.9 45.1 83.7
49 126.0 89.5 166.3

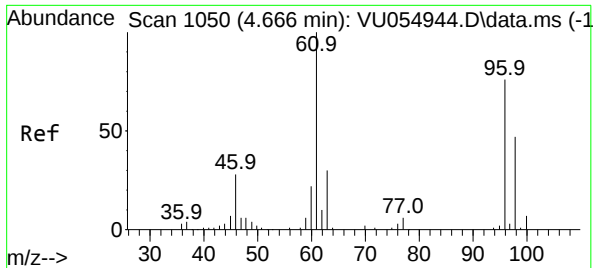


#18
trans-1,2-Dichloroethene
Concen: 0.994 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU054965.D
Acq: 29 Aug 2023 18:38



Tgt Ion: 96 Resp: 8263
Ion Ratio Lower Upper
96 100
61 158.9 108.8 202.0
98 80.8 45.8 85.2





#22

cis-1,2-Dichloroethene

Concen: 9.405 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU054965.D

Acq: 29 Aug 2023 18:38

Instrument :

MSVOA_U

ClientSampleId :

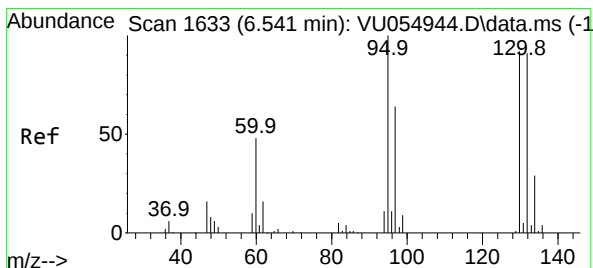
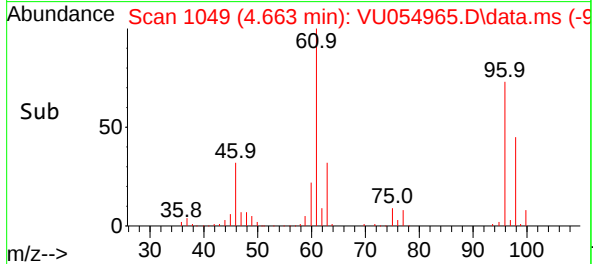
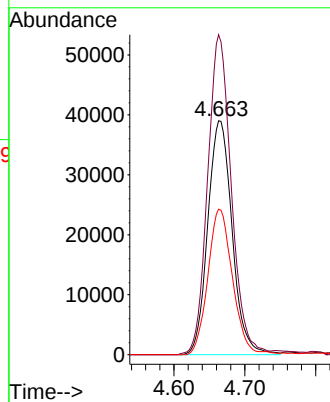
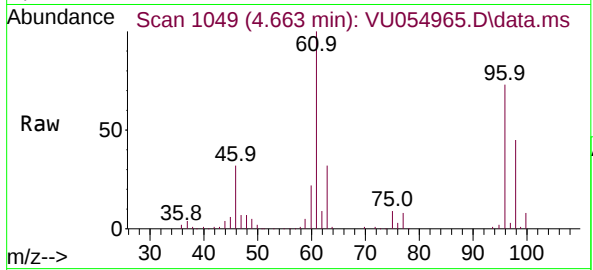
Tgt Ion: 96 Resp: 93196

Ion Ratio Lower Upper

96 100

61 136.8 88.4 164.2

98 62.2 44.0 81.6



#34

Trichloroethene

Concen: 0.650 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU054965.D

Acq: 29 Aug 2023 18:38

Tgt Ion: 95 Resp: 7052

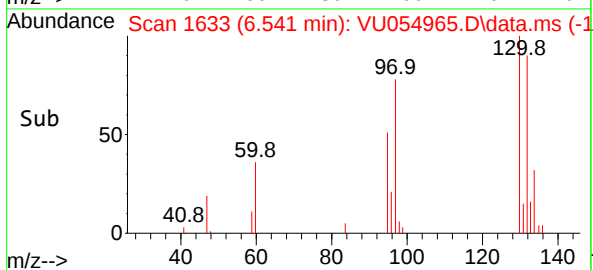
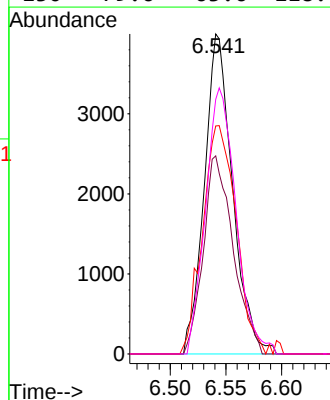
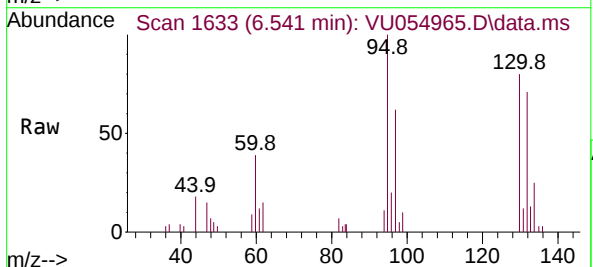
Ion Ratio Lower Upper

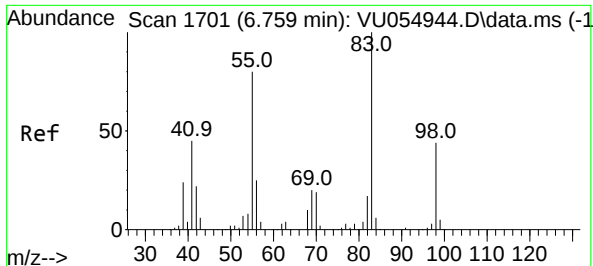
95 100

97 61.9 44.1 81.9

132 71.3 63.6 118.2

130 79.6 63.6 118.0





#35

Methylcyclohexane

Concen: 0.884 ug/L

RT: 6.692 min Scan# 1679

Delta R.T. -0.067 min

Lab File: VU054965.D

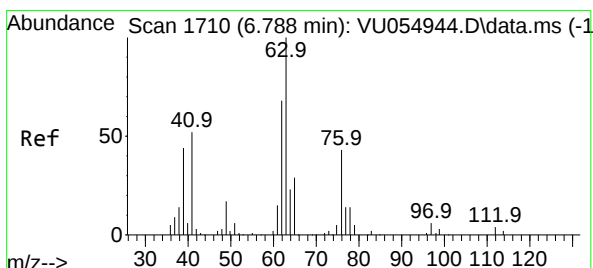
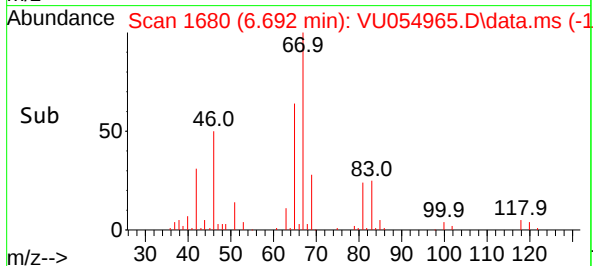
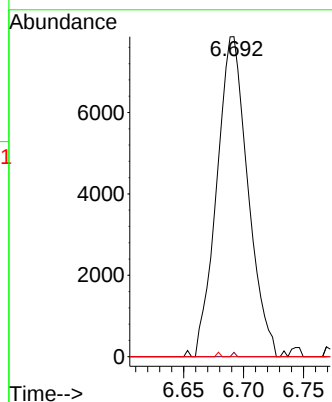
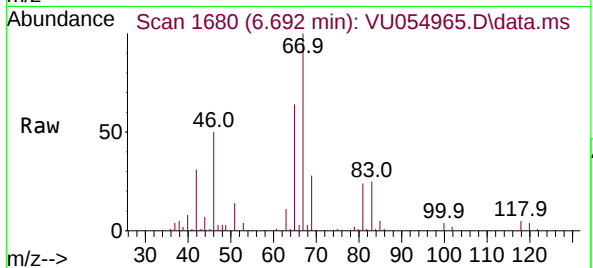
Acq: 29 Aug 2023 18:38

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	14190
Ion Ratio	Lower	Upper	
83	100		
55	0.1	62.1	93.1#
98	6.8	37.8	56.6#



#37

1,2-Dichloropropane

Concen: 0.625 ug/L

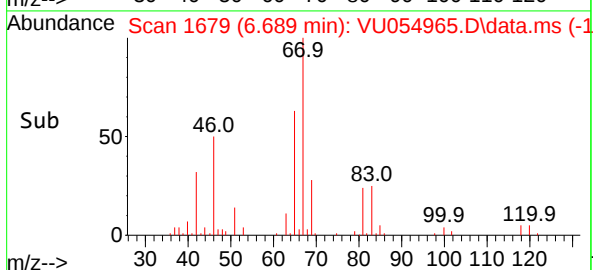
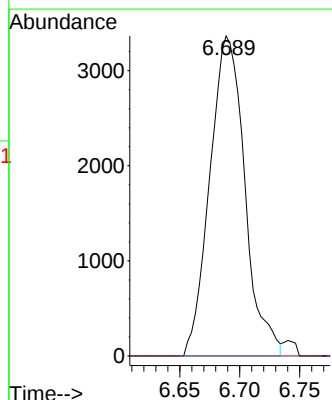
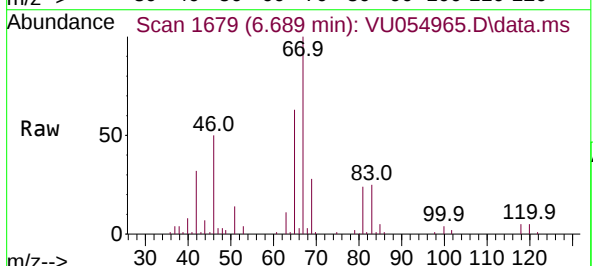
RT: 6.689 min Scan# 1679

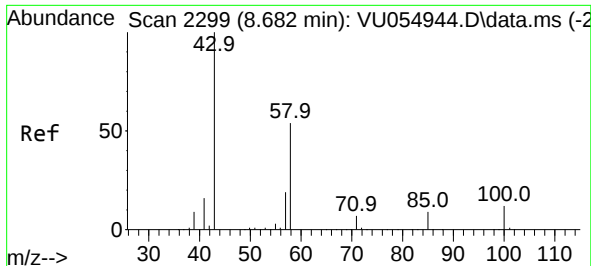
Delta R.T. -0.100 min

Lab File: VU054965.D

Acq: 29 Aug 2023 18:38

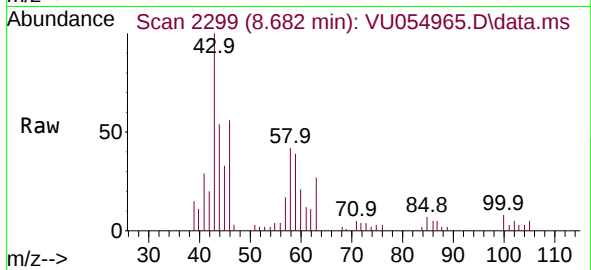
Tgt Ion:	63	Resp:	6820
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.7	4.1#



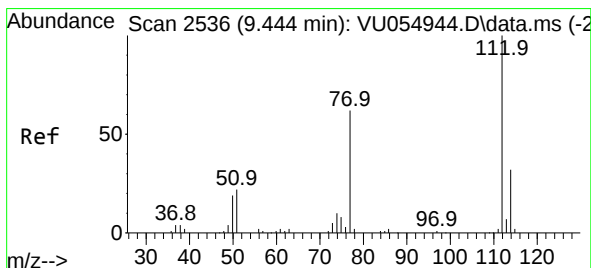
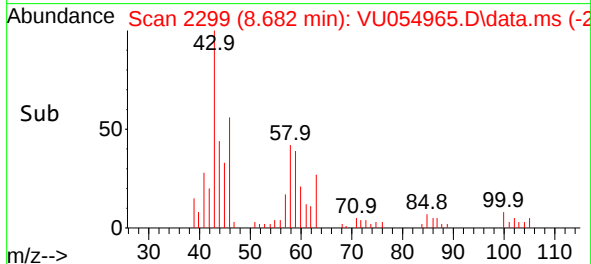
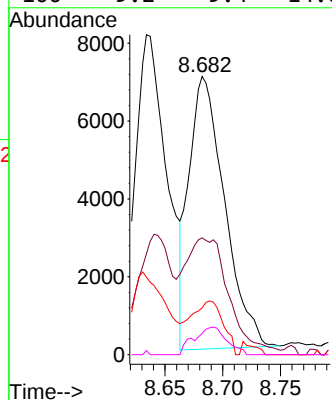


#48
2-Hexanone
Concen: 3.335 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054965.D
Acq: 29 Aug 2023 18:38

Instrument :
MSVOA_U
ClientSampleId :

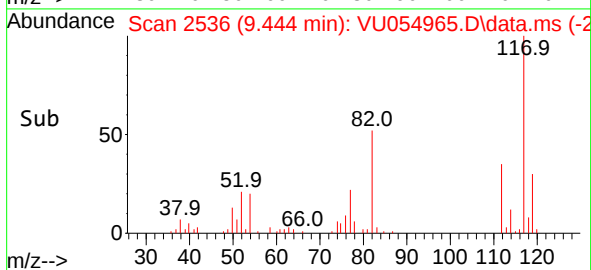
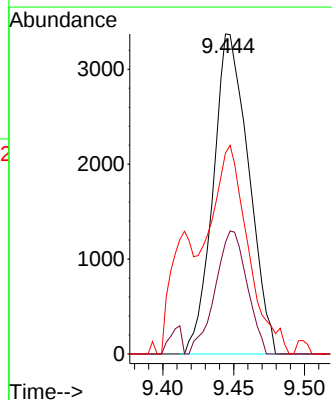
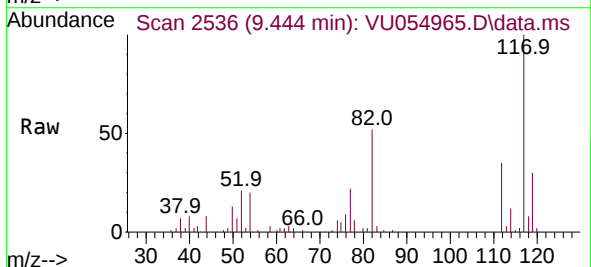


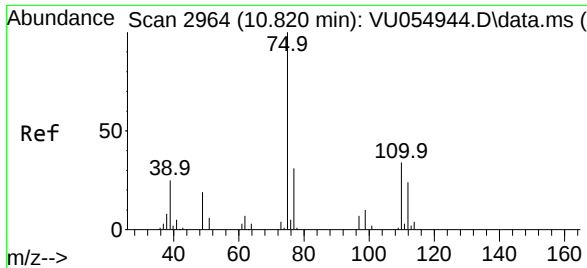
Tgt Ion:	43	Resp:	15027
Ion Ratio	Lower	Upper	
43	100		
58	53.4	44.0	66.0
57	18.1	15.9	23.9
100	9.2	9.4	14.0



#51
Chlorobenzene
Concen: 0.208 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU054965.D
Acq: 29 Aug 2023 18:38

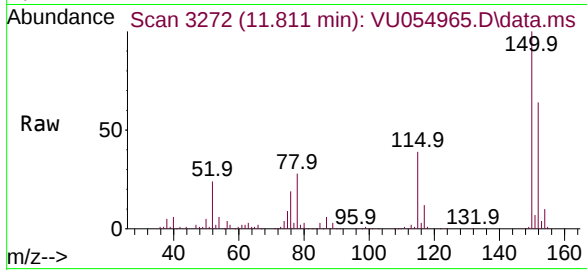
Tgt Ion:	112	Resp:	5880
Ion Ratio	Lower	Upper	
112	100		
114	34.8	23.4	43.4
77	62.8	49.3	73.9





#61
 1,2,3-Trichloropropane
 Concen: 1.906 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054965.D
 Acq: 29 Aug 2023 18:38

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11844
 Ion Ratio Lower Upper
 75 100
 110 2.3 29.0 43.6#
 77 34.4 26.5 39.7

