

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054948.D
 Acq On : 29 Aug 2023 11:49
 Operator : MD/SY
 Sample : 04173-01DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:28:04 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)

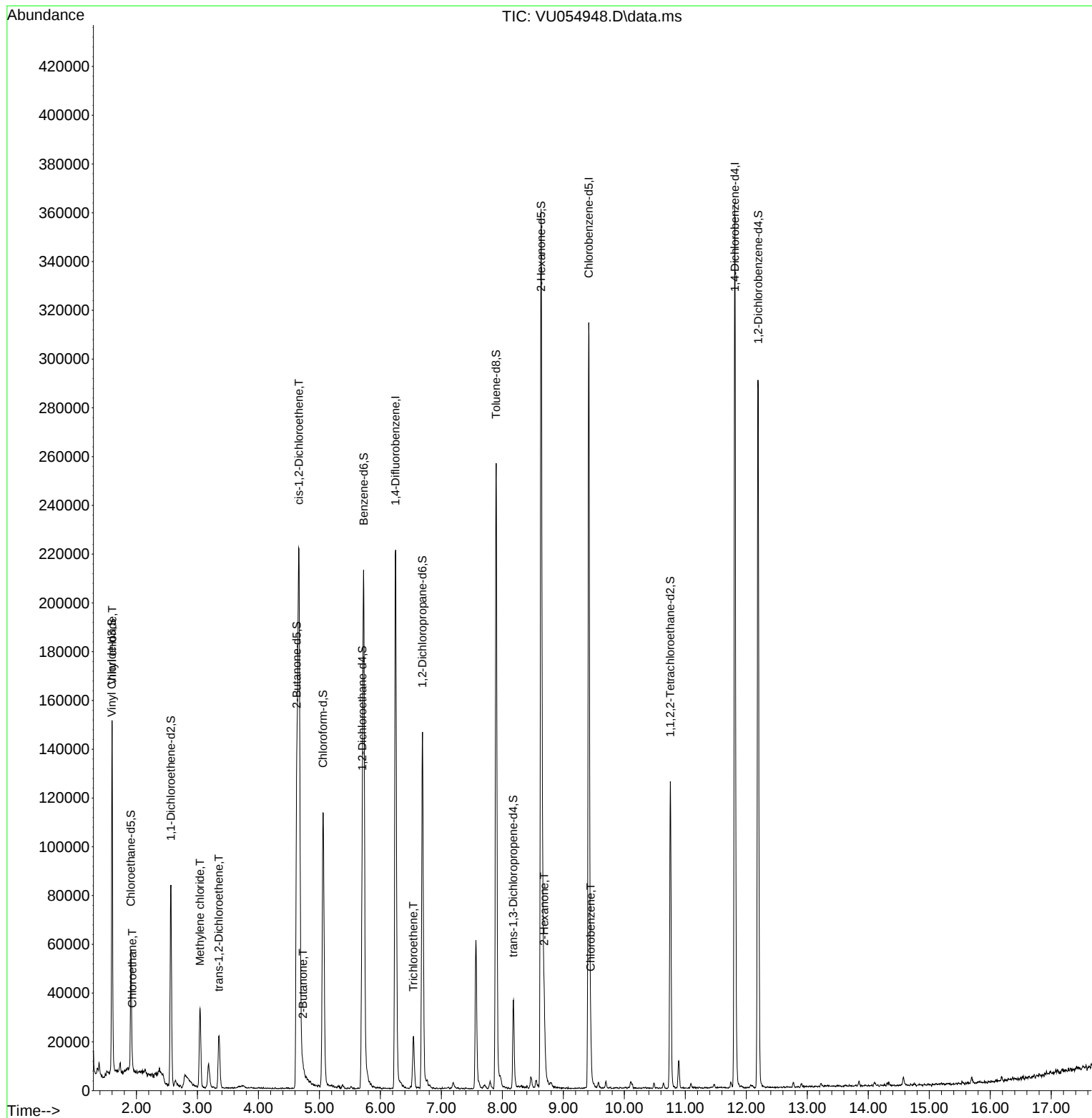
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	179726	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	173167	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	89392	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26476	4.667	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.400%	
7) Chloroethane-d5	1.908	69	34746	4.741	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.563	65	15437	4.815	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.200%	
20) 2-Butanone-d5	4.628	46	186767	60.996	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.000%	
24) Chloroform-d	5.059	84	106046	5.040	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	5.702	65	60249	5.381	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.600%	
32) Benzene-d6	5.724	84	189420	4.866	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
36) 1,2-Dichloropropane-d6	6.689	67	69475	5.075	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.400%	
41) Toluene-d8	7.898	98	174022	4.668	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
43) trans-1,3-Dichloroprop...	8.177	79	20999	4.661	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.200%	
46) 2-Hexanone-d5	8.634	63	120441	56.323	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.640%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60312	5.137	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.800%	
66) 1,2-Dichlorobenzene-d4	12.193	152	74377	5.211	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	78181	6.481	ug/L	99
8) Chloroethane	1.930	64	1769	0.223	ug/L	92
16) Methylene chloride	3.039	84	14908	1.196	ug/L	94
18) trans-1,2-Dichloroethene	3.351	96	9104	1.027	ug/L	80
21) 2-Butanone	4.731	43	5601	2.208	ug/L #	56
22) cis-1,2-Dichloroethene	4.663	96	94355	8.924	ug/L	93
34) Trichloroethene	6.541	95	7115	0.628	ug/L	92
48) 2-Hexanone	8.685	43	19258	4.096	ug/L #	79
51) Chlorobenzene	9.447	112	6959	0.236	ug/L	90

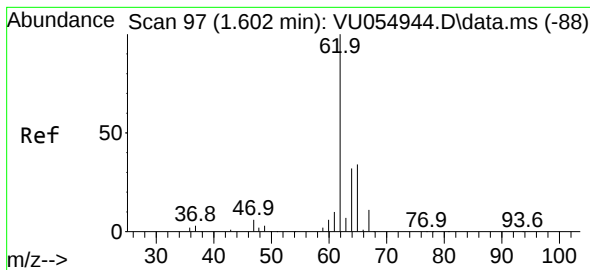
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
Data File : VU054948.D
Acq On : 29 Aug 2023 11:49
Operator : MD/SY
Sample : 04173-01DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 29 22:28:04 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





#5

Vinyl chloride

Concen: 6.481 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU054948.D

Acq: 29 Aug 2023 11:49

Instrument :

MSVOA_U

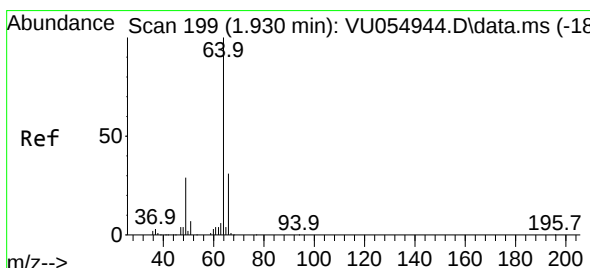
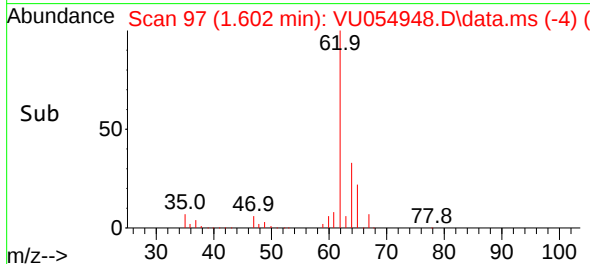
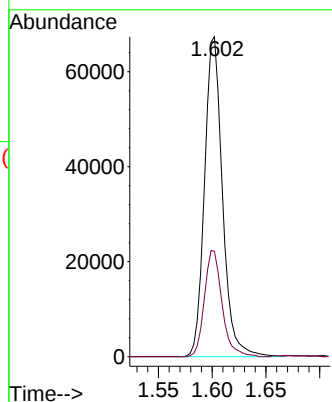
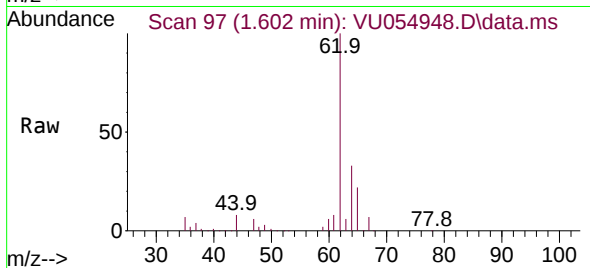
ClientSampleId :

Tgt Ion: 62 Resp: 78181

Ion Ratio Lower Upper

62 100

64 32.9 22.7 42.1



#8

Chloroethane

Concen: 0.223 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU054948.D

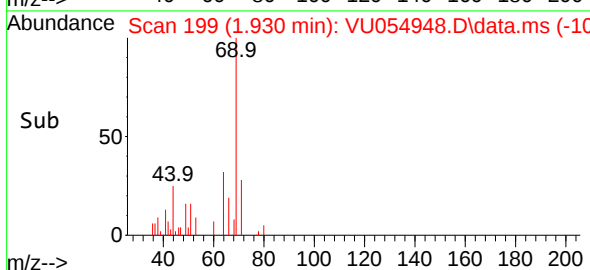
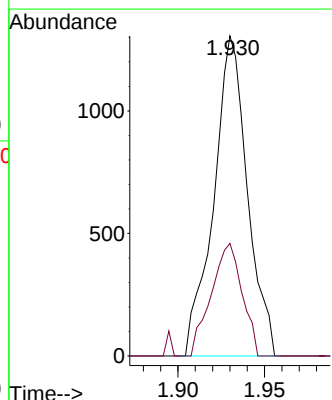
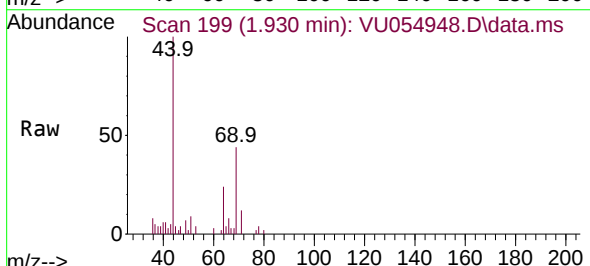
Acq: 29 Aug 2023 11:49

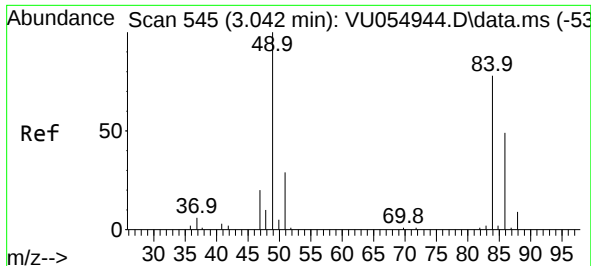
Tgt Ion: 64 Resp: 1769

Ion Ratio Lower Upper

64 100

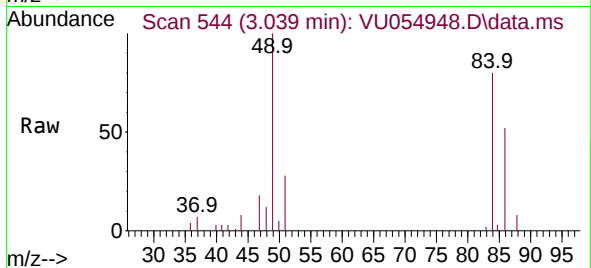
66 35.1 21.5 39.9



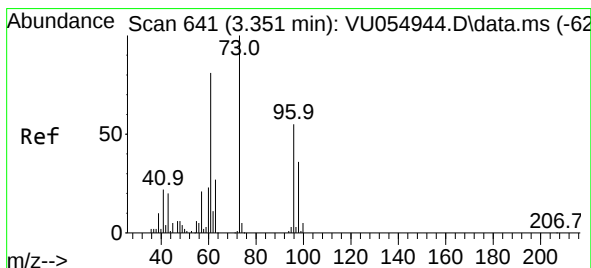
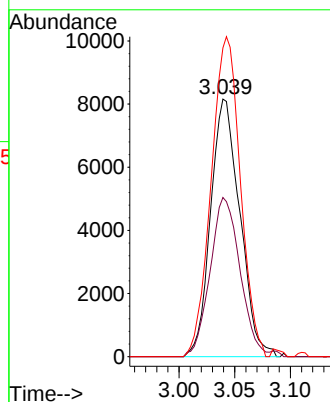
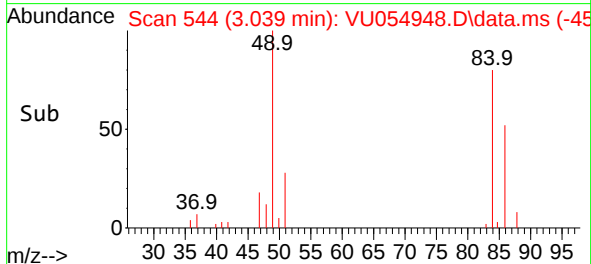


#16
Methylene chloride
Concen: 1.196 ug/L
RT: 3.039 min Scan# 545
Delta R.T. -0.003 min
Lab File: VU054948.D
Acq: 29 Aug 2023 11:49

Instrument :
MSVOA_U
ClientSampleId :

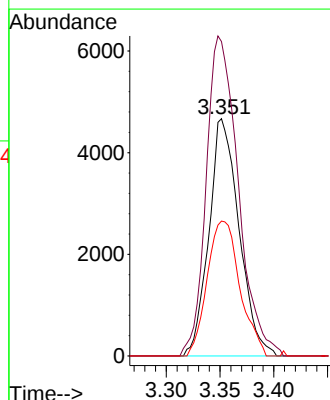
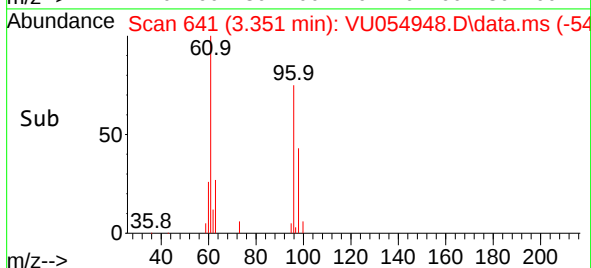
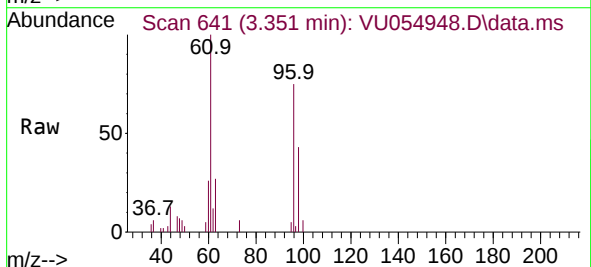


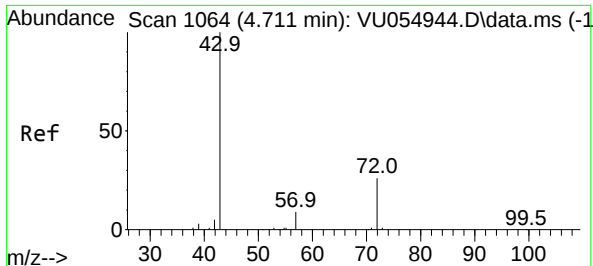
Tgt Ion: 84 Resp: 14908
Ion Ratio Lower Upper
84 100
86 61.8 45.1 83.7
49 119.8 89.5 166.3



#18
trans-1,2-Dichloroethene
Concen: 1.027 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU054948.D
Acq: 29 Aug 2023 11:49

Tgt Ion: 96 Resp: 9104
Ion Ratio Lower Upper
96 100
61 126.9 108.8 202.0
98 54.5 45.8 85.2

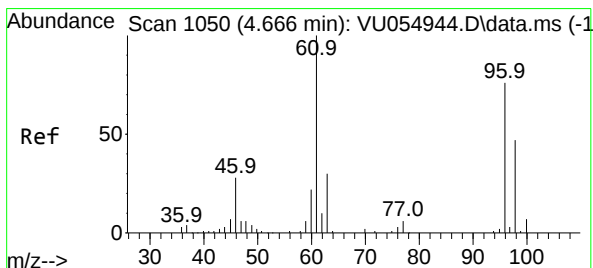
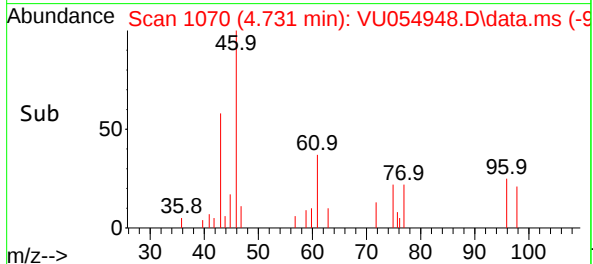
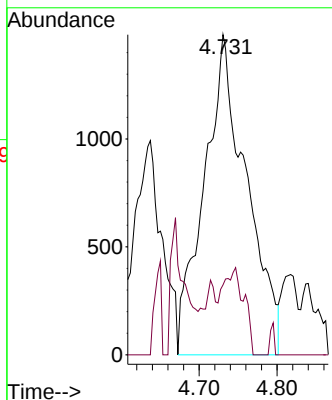
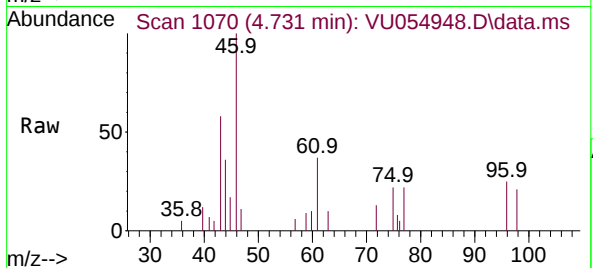




#21
2-Butanone
Concen: 2.208 ug/L
RT: 4.731 min Scan# 1049
Delta R.T. 0.019 min
Lab File: VU054948.D
Acq: 29 Aug 2023 11:49

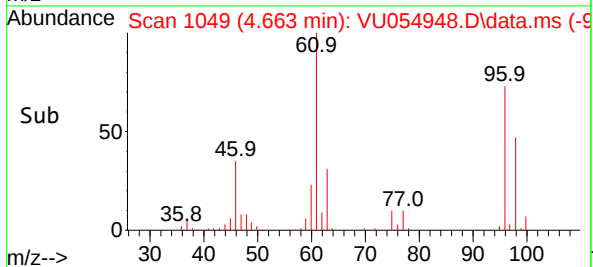
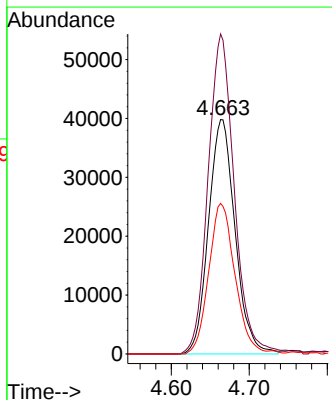
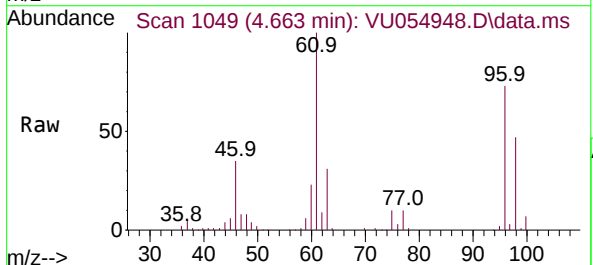
Instrument :
MSVOA_U
ClientSampleId :

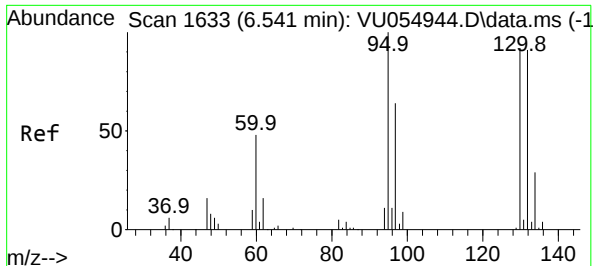
Tgt Ion: 43 Resp: 5601
Ion Ratio Lower Upper
43 100
72 4.9 14.1 42.3#



#22
cis-1,2-Dichloroethene
Concen: 8.924 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU054948.D
Acq: 29 Aug 2023 11:49

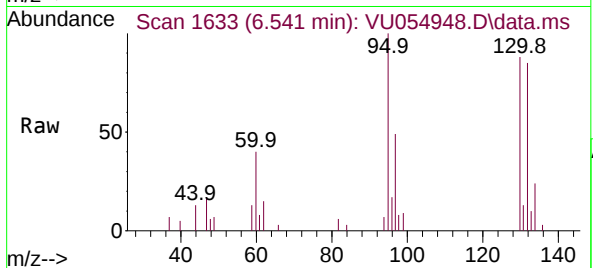
Tgt Ion: 96 Resp: 94355
Ion Ratio Lower Upper
96 100
61 136.5 88.4 164.2
98 64.2 44.0 81.6



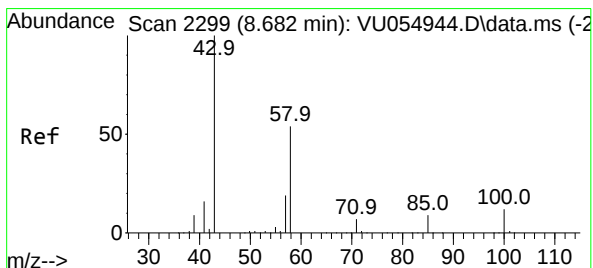
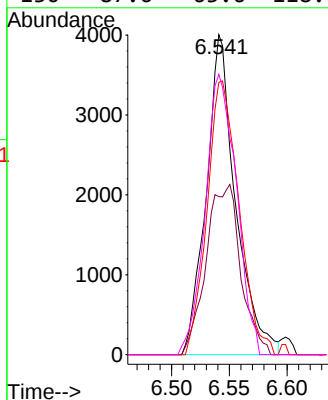
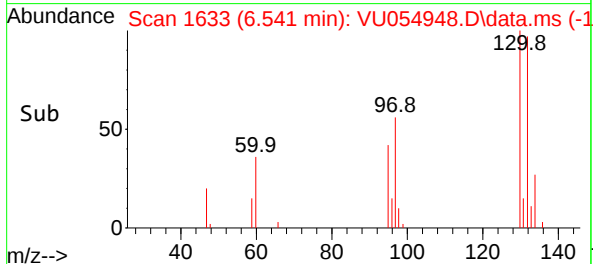


#34
Trichloroethene
Concen: 0.628 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054948.D
Acq: 29 Aug 2023 11:49

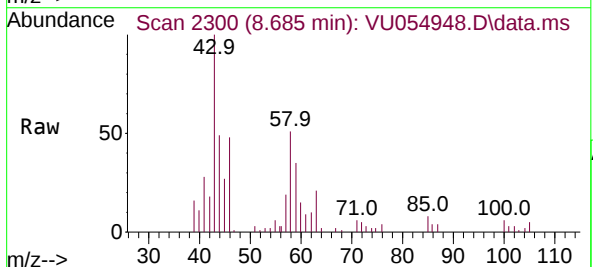
Instrument :
MSVOA_U
ClientSampleId :



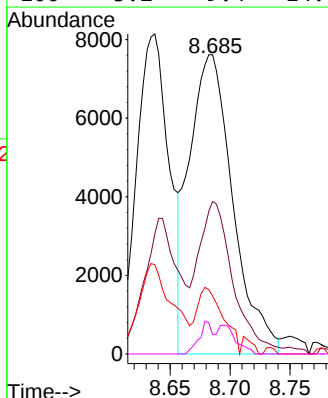
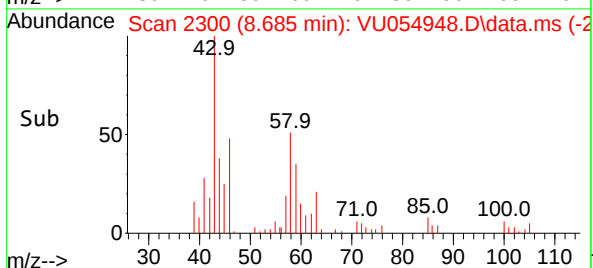
Tgt Ion:	95	Resp:	7115
Ion	Ratio	Lower	Upper
95	100		
97	49.4	44.1	81.9
132	85.1	63.6	118.2
130	87.6	63.6	118.0

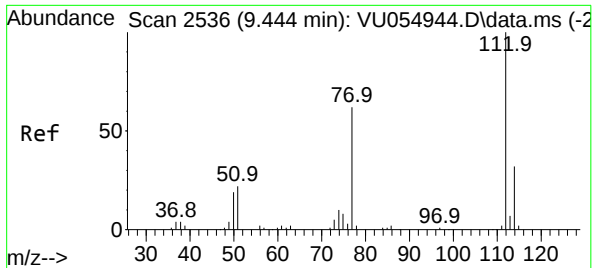


#48
2-Hexanone
Concen: 4.096 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU054948.D
Acq: 29 Aug 2023 11:49



Tgt Ion:	43	Resp:	19258
Ion	Ratio	Lower	Upper
43	100		
58	37.8	44.0	66.0#
57	13.6	15.9	23.9#
100	3.2	9.4	14.0#





#51
 Chlorobenzene
 Concen: 0.236 ug/L
 RT: 9.447 min Scan# 2
 Delta R.T. 0.003 min
 Lab File: VU054948.D
 Acq: 29 Aug 2023 11:49

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:112	Resp:	6959
Ion	Ratio	Lower Upper
112	100	
114	35.2	23.4 43.4
77	71.9	49.3 73.9

