

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054950.D
 Acq On : 29 Aug 2023 12:36
 Operator : MD/SY
 Sample : 04173-03DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:28:34 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)

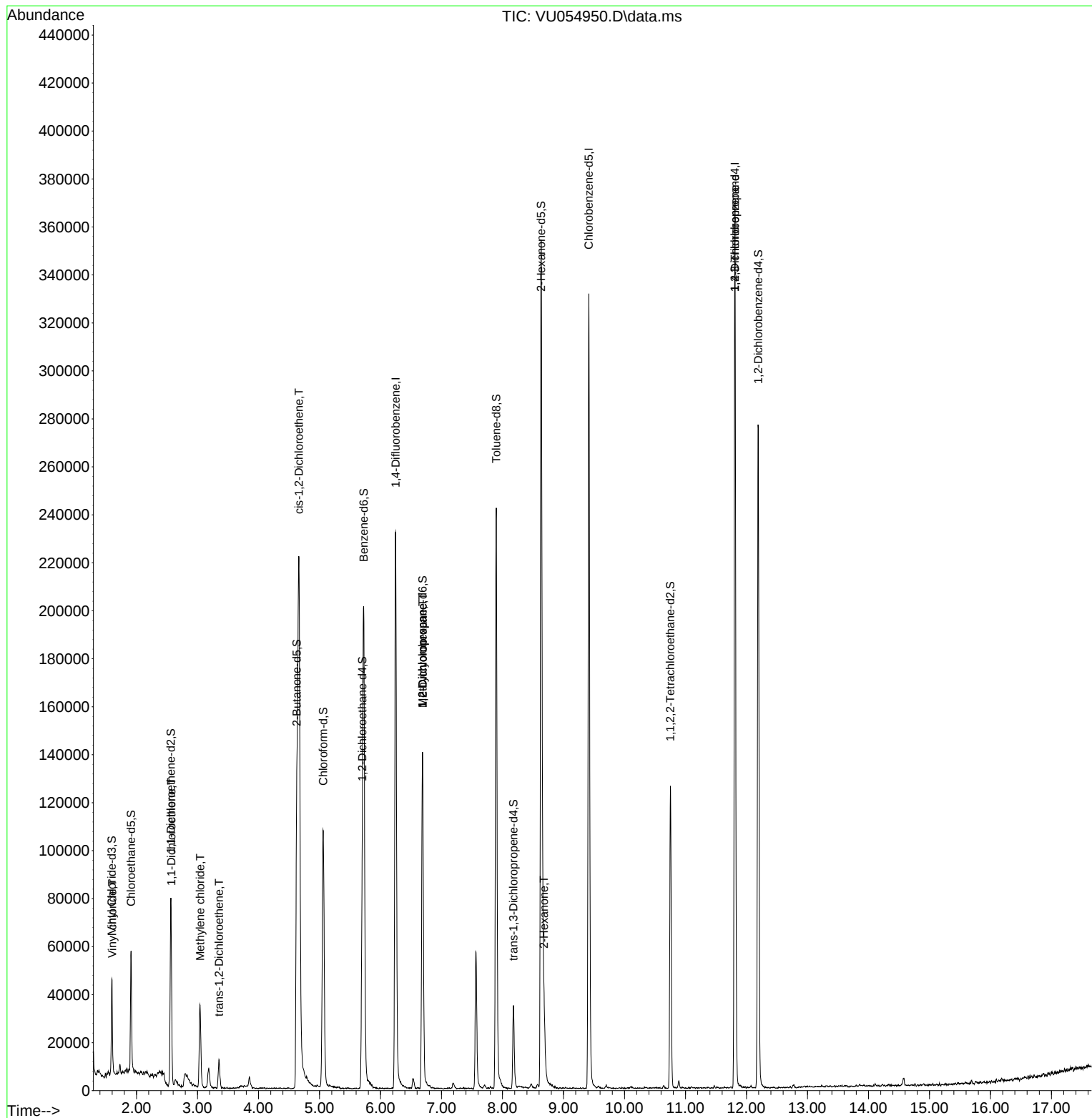
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	185566	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	179787	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	92223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	24998	4.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.910	69	33634	4.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.563	65	14532	4.390	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.627	46	180570	57.116	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.240%
24) Chloroform-d	5.058	84	100622	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.701	65	56296	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.724	84	184201	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.688	67	65887	4.636	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.897	98	166133	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.180	79	20278	4.335	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.634	63	119054	53.624	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.240%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	61649	5.058	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	70121	4.762	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	3532	0.284	ug/L	97
12) 1,1-Dichloroethene	2.570	96	966	0.115	ug/L #	1
16) Methylene chloride	3.042	84	15788	1.227	ug/L	97
18) trans-1,2-Dichloroethene	3.354	96	4513	0.493	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	97406	8.923	ug/L	94
35) Methylcyclohexane	6.688	83	14895	0.857	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	7208	0.610	ug/L #	90
48) 2-Hexanone	8.682	43	14325	2.935	ug/L #	92
61) 1,2,3-Trichloropropane	11.810	75	12515	1.823	ug/L #	65

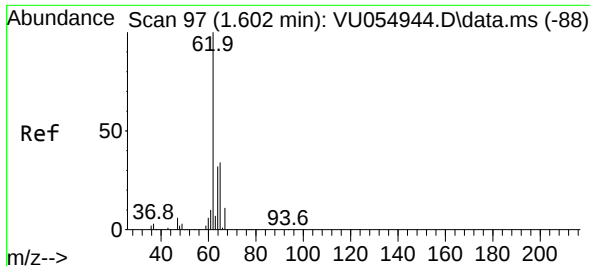
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
Data File : VU054950.D
Acq On : 29 Aug 2023 12:36
Operator : MD/SY
Sample : 04173-03DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 29 22:28:34 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

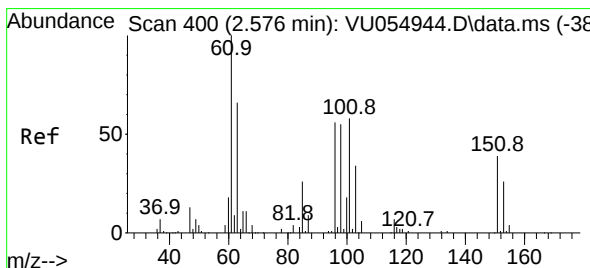
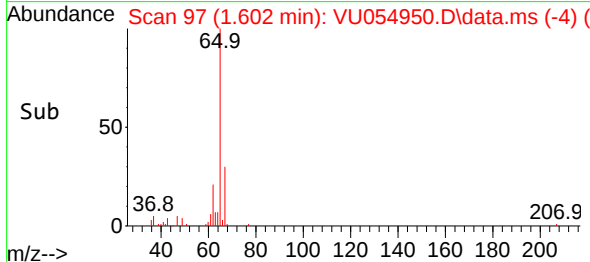
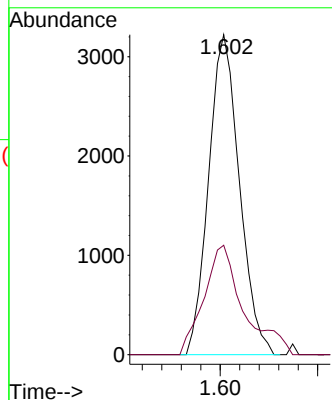
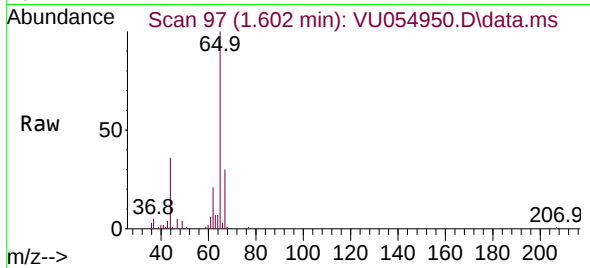




#5
 Vinyl chloride
 Concen: 0.284 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU054950.D
 Acq: 29 Aug 2023 12:36

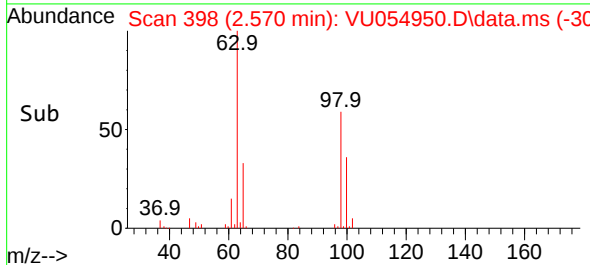
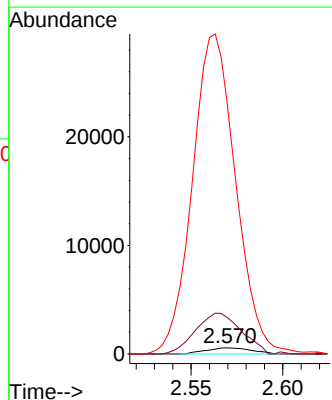
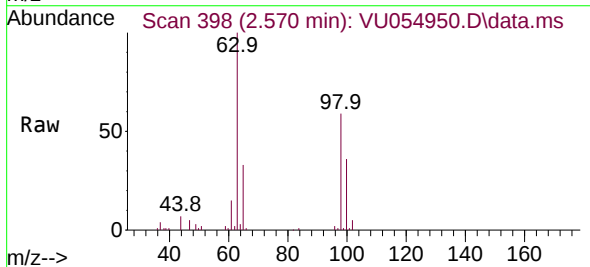
Instrument :
 MSVOA_U
 ClientSampleId :

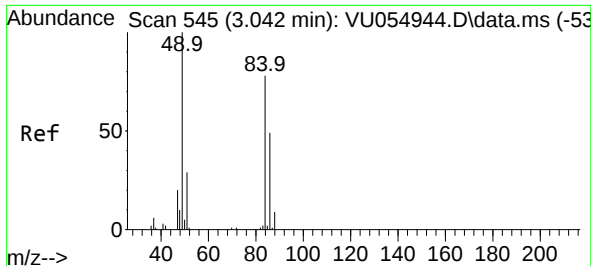
Tgt Ion: 62 Resp: 3532
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.7 42.1



#12
 1,1-Dichloroethene
 Concen: 0.115 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.007 min
 Lab File: VU054950.D
 Acq: 29 Aug 2023 12:36

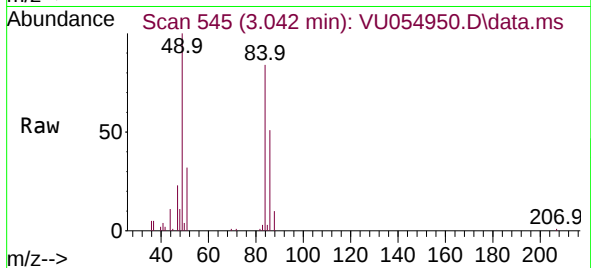
Tgt Ion: 96 Resp: 966
 Ion Ratio Lower Upper
 96 100
 61 594.3 132.4 245.8#
 63 4096.1 82.5 153.1#





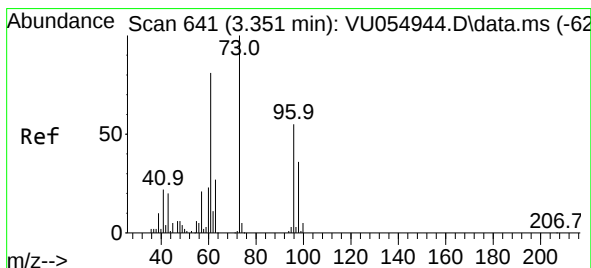
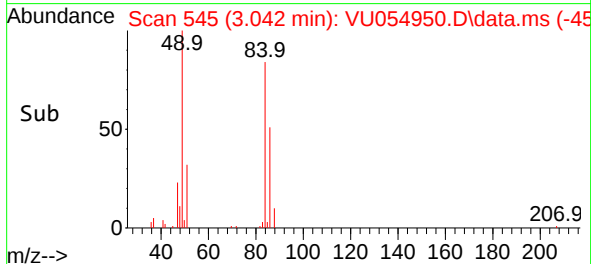
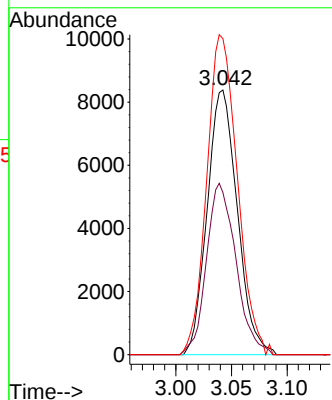
#16
Methylene chloride
Concen: 1.227 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU054950.D
Acq: 29 Aug 2023 12:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 15788

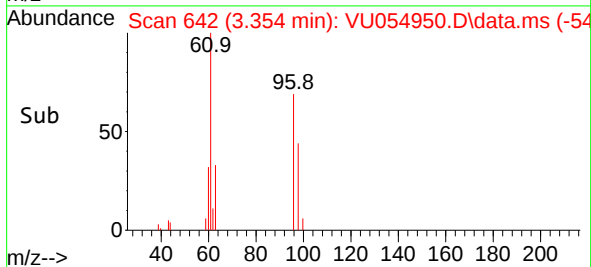
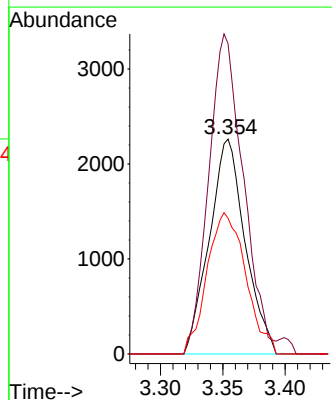
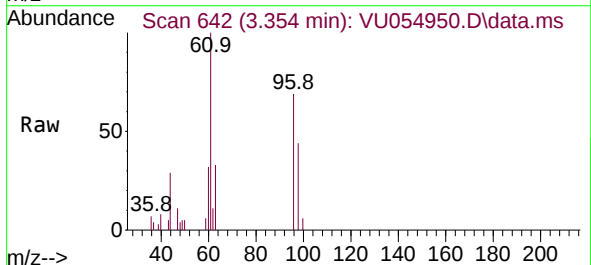
Ion	Ratio	Lower	Upper
84	100		
86	61.2	45.1	83.7
49	124.3	89.5	166.3

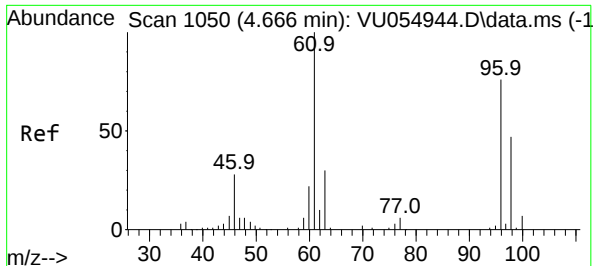


#18
trans-1,2-Dichloroethene
Concen: 0.493 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.003 min
Lab File: VU054950.D
Acq: 29 Aug 2023 12:36

Tgt Ion: 96 Resp: 4513

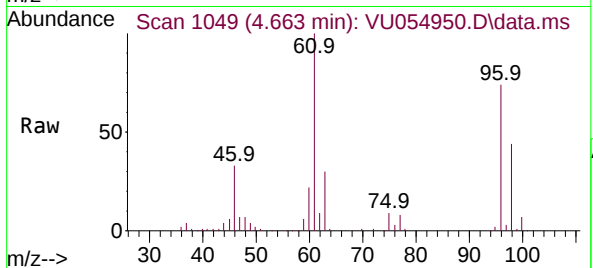
Ion	Ratio	Lower	Upper
96	100		
61	144.4	108.8	202.0
98	63.2	45.8	85.2



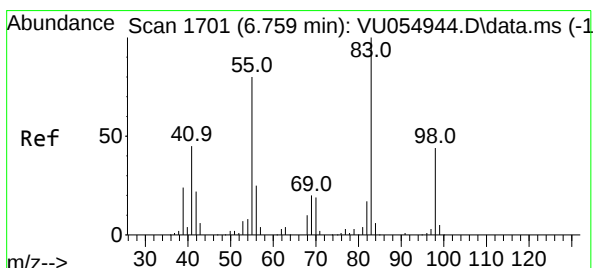
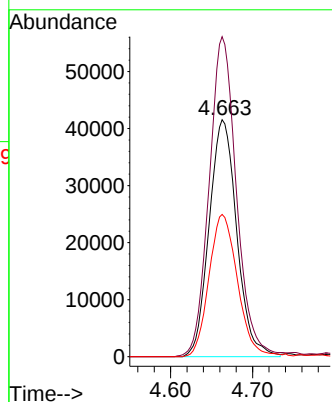
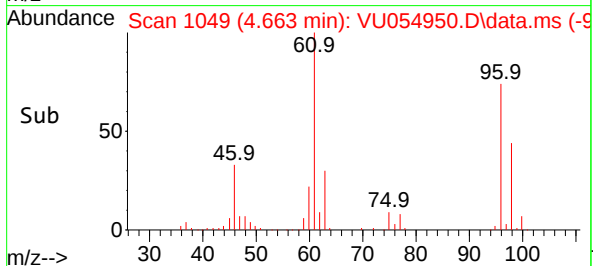


#22
 cis-1,2-Dichloroethene
 Concen: 8.923 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU054950.D
 Acq: 29 Aug 2023 12:36

Instrument :
 MSVOA_U
 ClientSampleId :

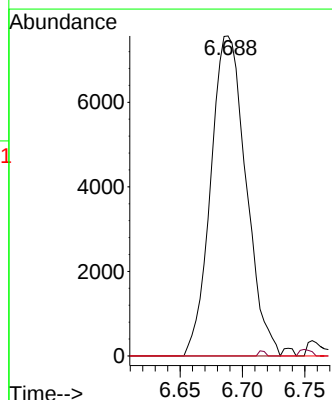
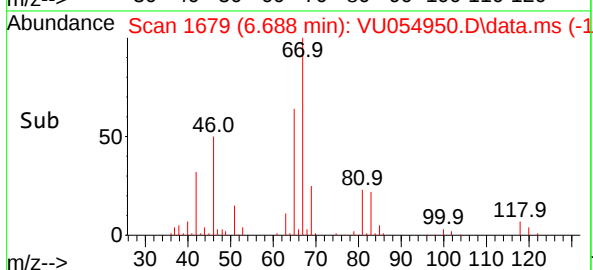
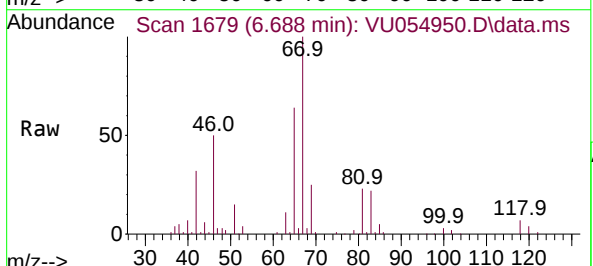


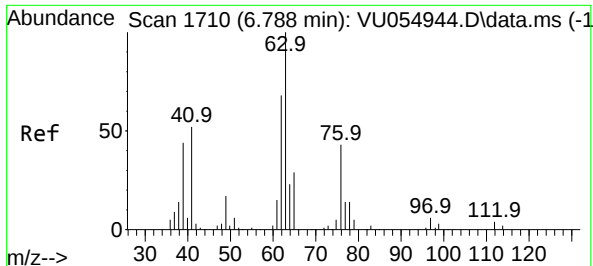
Tgt Ion:	96	Resp:	97406
Ion	Ratio	Lower	Upper
96	100		
61	135.1	88.4	164.2
98	60.0	44.0	81.6



#35
 Methylcyclohexane
 Concen: 0.857 ug/L
 RT: 6.688 min Scan# 1679
 Delta R.T. -0.071 min
 Lab File: VU054950.D
 Acq: 29 Aug 2023 12:36

Tgt Ion:	83	Resp:	14895
Ion	Ratio	Lower	Upper
83	100		
55	0.3	62.1	93.1#
98	0.0	37.8	56.6#

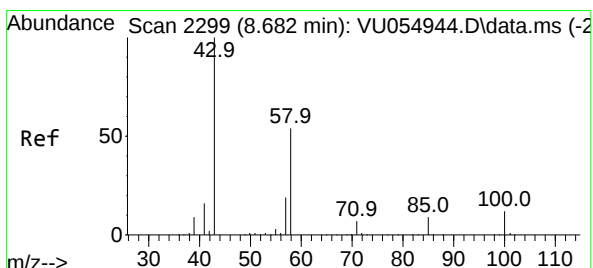
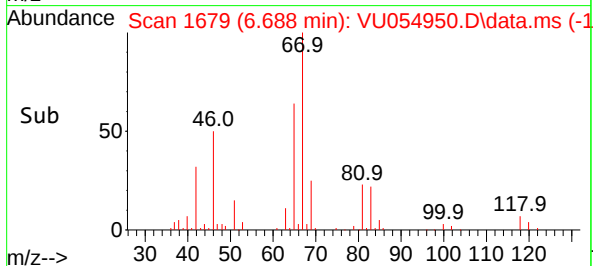
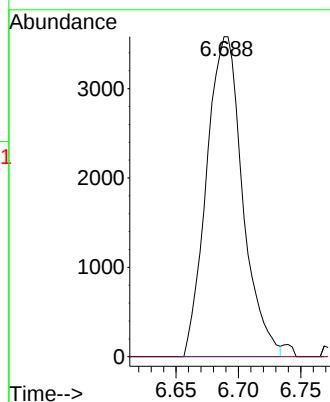
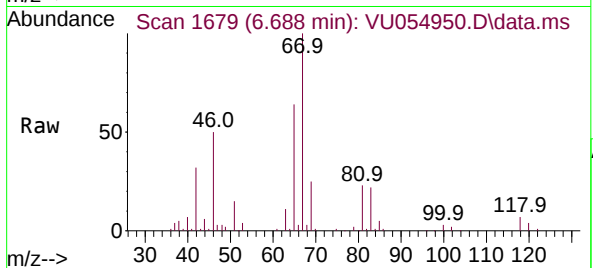




#37
1,2-Dichloropropane
Concen: 0.610 ug/L
RT: 6.688 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU054950.D
Acq: 29 Aug 2023 12:36

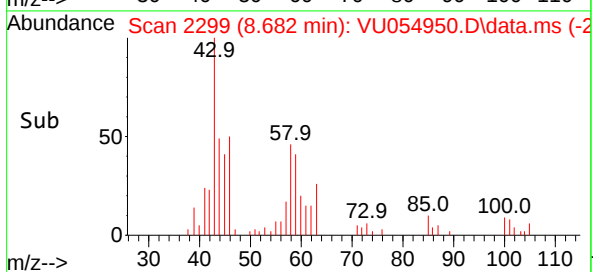
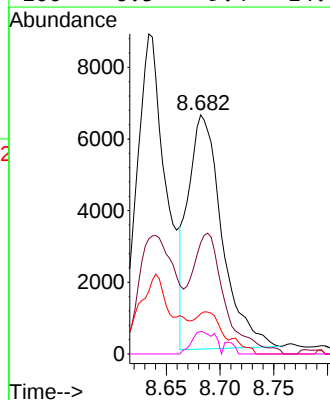
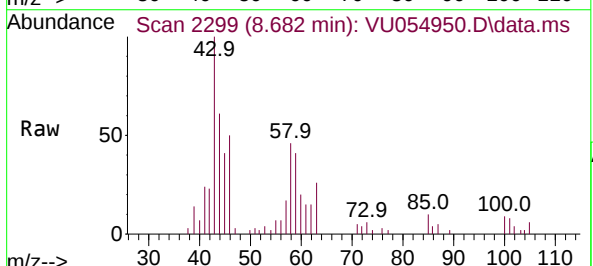
Instrument :
MSVOA_U
ClientSampleId :

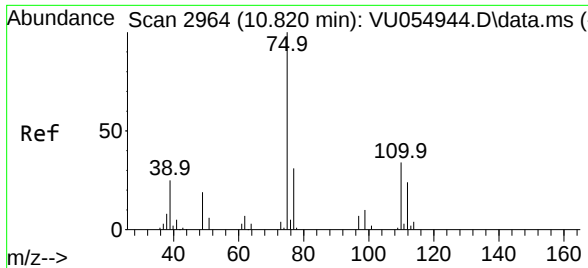
Tgt Ion: 63 Resp: 7208
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#48
2-Hexanone
Concen: 2.935 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU054950.D
Acq: 29 Aug 2023 12:36

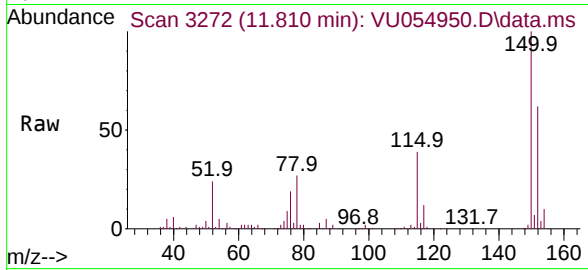
Tgt Ion: 43 Resp: 14325
Ion Ratio Lower Upper
43 100
58 50.2 44.0 66.0
57 16.1 15.9 23.9
100 6.5 9.4 14.0#





#61
1,2,3-Trichloropropane
Concen: 1.823 ug/L
RT: 11.810 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU054950.D
Acq: 29 Aug 2023 12:36

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	12515
Ion	Ratio	Lower	Upper
75	100		
110	2.6	29.0	43.6#
77	38.9	26.5	39.7

