

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055642.D
 Acq On : 03 Oct 2023 15:43
 Operator : MD/SY
 Sample : 04679-10DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 04:44:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 2023
 Response via : Initial Calibration

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

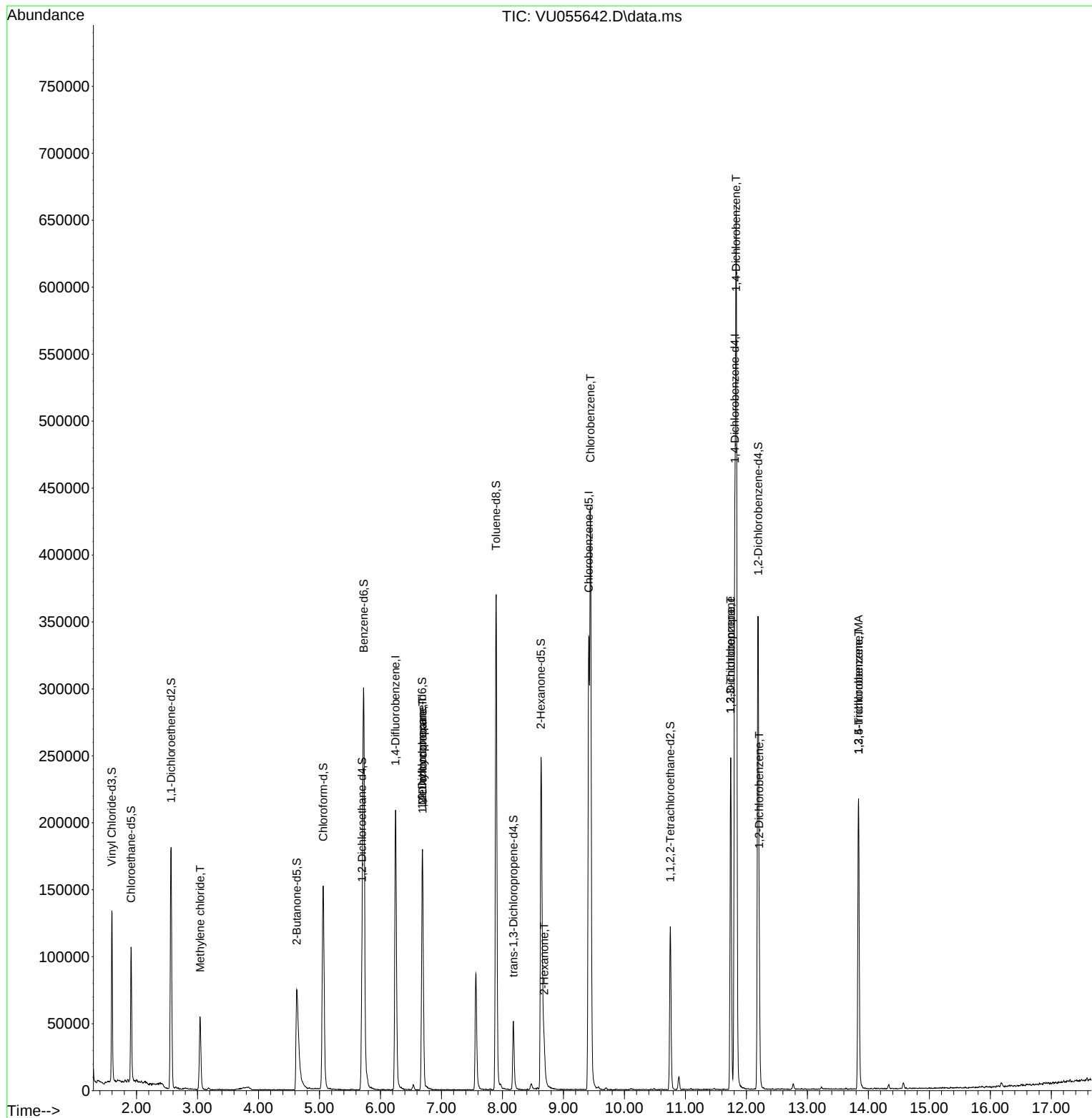
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	172614	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	181203	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	101221	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	89658	5.139	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.800%
7) Chloroethane-d5	1.911	69	70220	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.567	65	34665	4.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.600%
20) 2-Butanone-d5	4.628	46	135531	43.010	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.020%
24) Chloroform-d	5.062	84	144426	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.698	65	69457	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.727	84	288774	4.556	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.685	67	88874	4.693	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.898	98	251477	4.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.180	79	31338	4.715	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.631	63	79423	39.291	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.580%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	61446	4.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	89365	4.374	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	25220	1.744	ug/L	100
35) Methylcyclohexane	6.689	83	19754	0.930	ug/L #	20
37) 1,2-Dichloropropane	6.692	63	10172	0.746	ug/L #	89
48) 2-Hexanone	8.685	43	15976	3.332	ug/L #	77
51) Chlorobenzene	9.444	112	233118	6.543	ug/L	99
61) 1,2,3-Trichloropropane	11.743	75	31825	4.028	ug/L #	48
64) 1,3-Dichlorobenzene	11.743	146	98087	3.512	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	250998	8.991	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	27098	1.058	ug/L	98
69) 1,3,5-Trichlorobenzene	13.839	180	65510	3.406	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	65510	4.467	ug/L	100

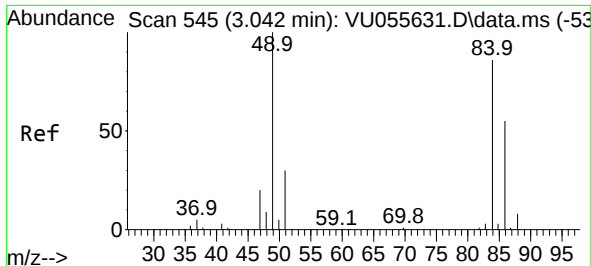
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
Data File : VU055642.D
Acq On : 03 Oct 2023 15:43
Operator : MD/SY
Sample : 04679-10DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

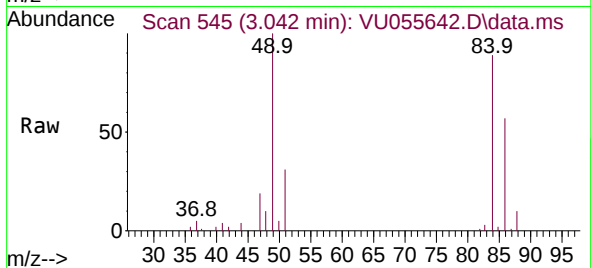
Quant Time: Oct 04 04:44:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 04 04:40:48 2023
Response via : Initial Calibration



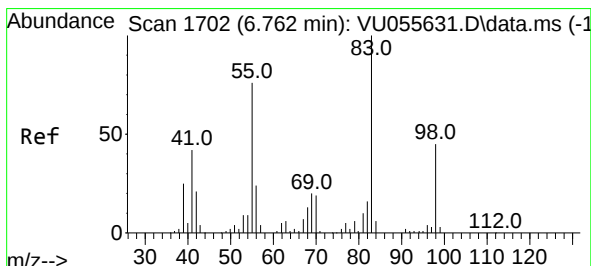
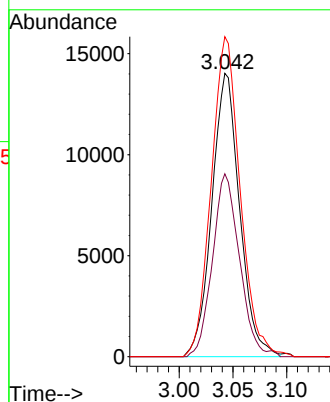
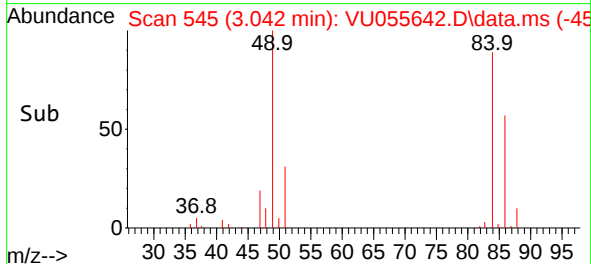


#16
Methylene chloride
Concen: 1.744 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU055642.D
Acq: 03 Oct 2023 15:43

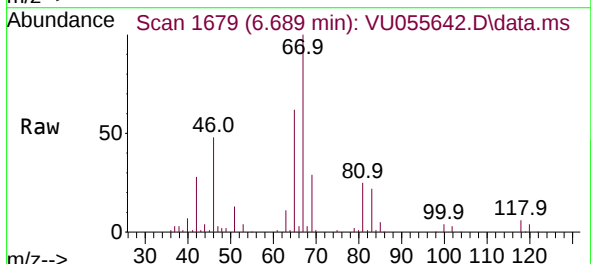
Instrument :
MSVOA_U
ClientSampleId :



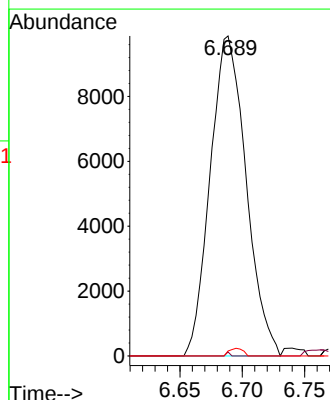
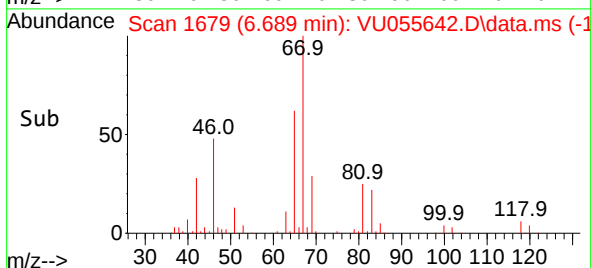
Tgt Ion: 84 Resp: 25220
Ion Ratio Lower Upper
84 100
86 64.5 44.9 83.3
49 112.9 78.8 146.3

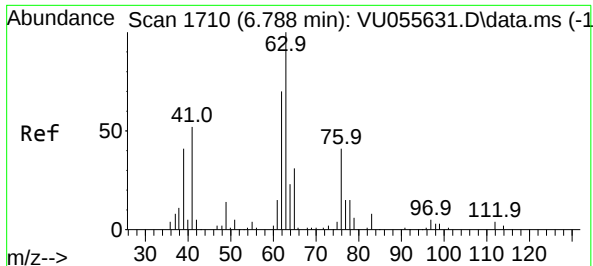


#35
Methylcyclohexane
Concen: 0.930 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055642.D
Acq: 03 Oct 2023 15:43



Tgt Ion: 83 Resp: 19754
Ion Ratio Lower Upper
83 100
55 0.1 59.1 88.7#
98 0.9 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.746 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU055642.D

Acq: 03 Oct 2023 15:43

Instrument :

MSVOA_U

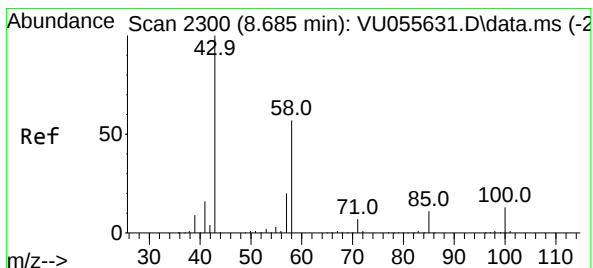
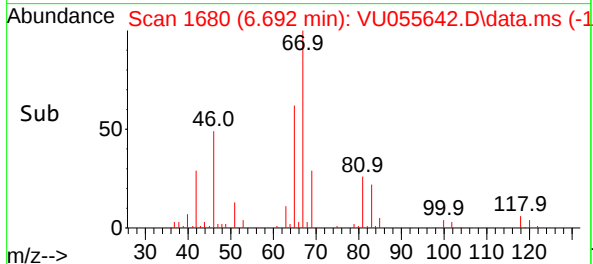
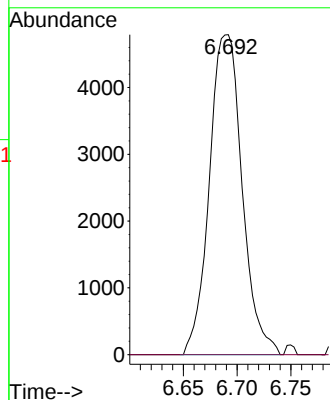
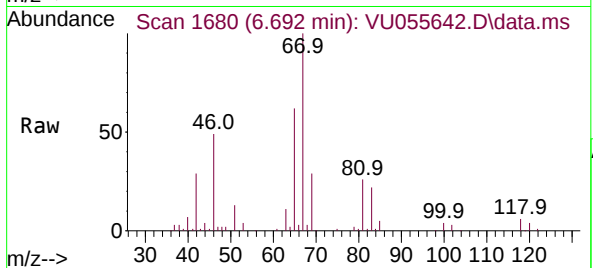
ClientSampleId :

Tgt Ion: 63 Resp: 10172

Ion Ratio Lower Upper

63 100

112 0.2 3.0 4.6#



#48

2-Hexanone

Concen: 3.332 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VU055642.D

Acq: 03 Oct 2023 15:43

Tgt Ion: 43 Resp: 15976

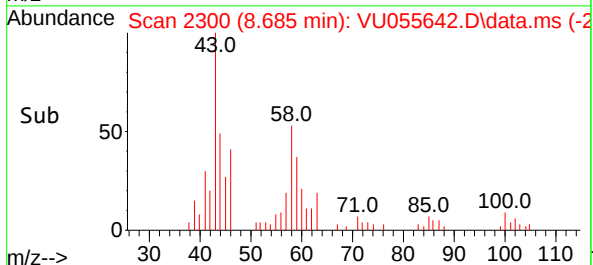
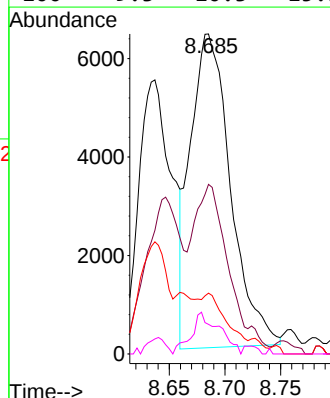
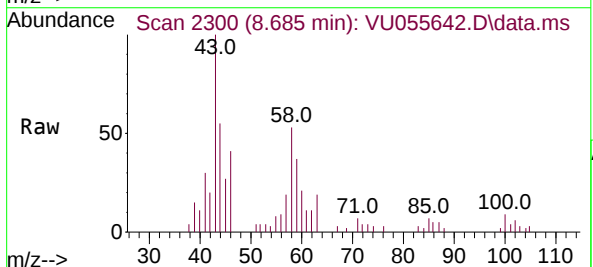
Ion Ratio Lower Upper

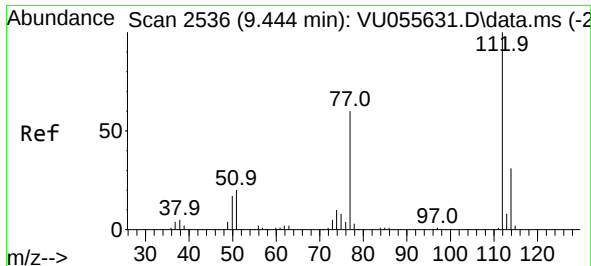
43 100

58 47.2 48.5 72.7#

57 0.0 17.0 25.4#

100 9.3 10.3 15.5#

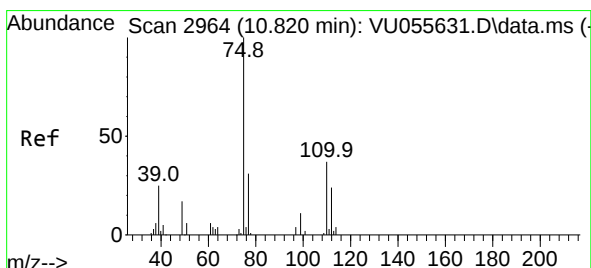
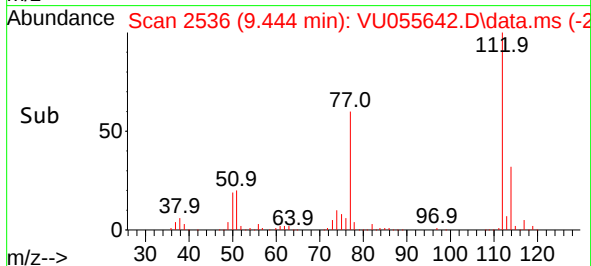
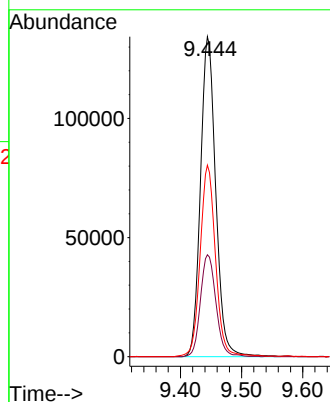
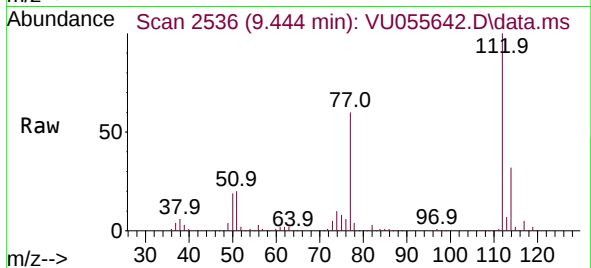




#51
Chlorobenzene
Concen: 6.543 ug/L
RT: 9.444 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VU055642.D
Acq: 03 Oct 2023 15:43

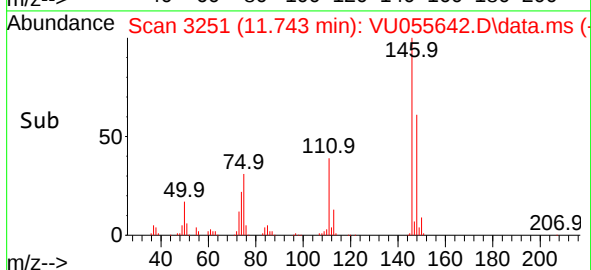
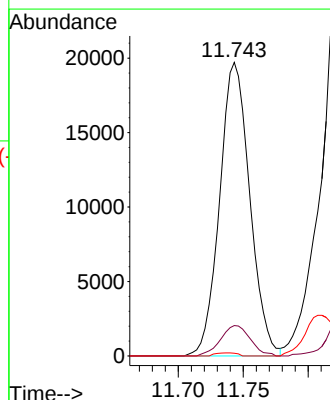
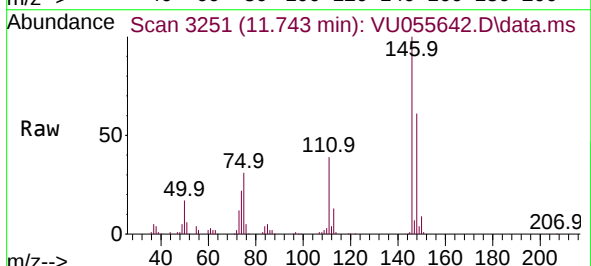
Instrument :
MSVOA_U
ClientSampleId :

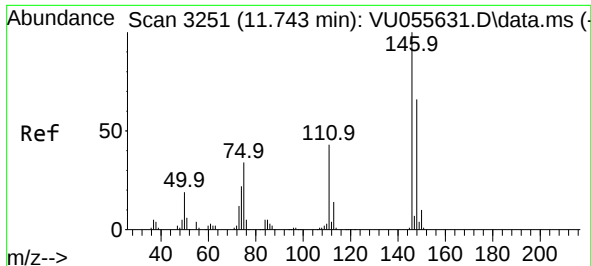
Tgt Ion:112 Resp: 233118
Ion Ratio Lower Upper
112 100
114 31.9 22.0 40.8
77 59.9 46.9 70.3



#61
1,2,3-Trichloropropane
Concen: 4.028 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.923 min
Lab File: VU055642.D
Acq: 03 Oct 2023 15:43

Tgt Ion: 75 Resp: 31825
Ion Ratio Lower Upper
75 100
110 10.2 30.6 45.8#
77 0.0 26.7 40.1#

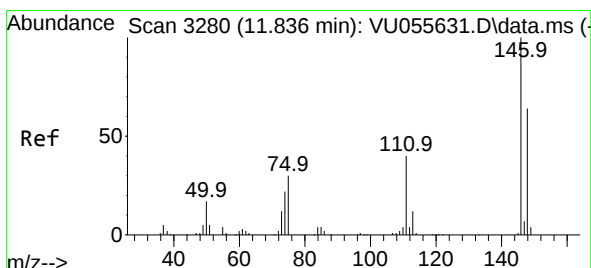
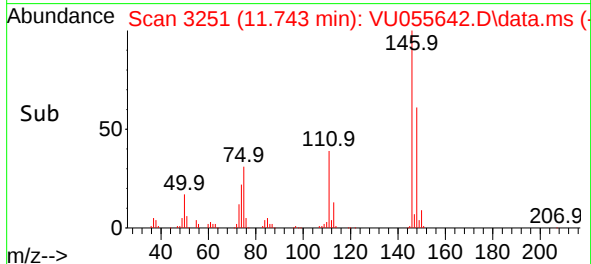
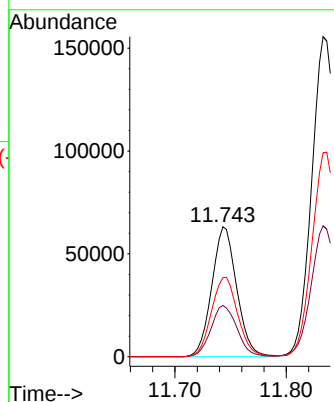
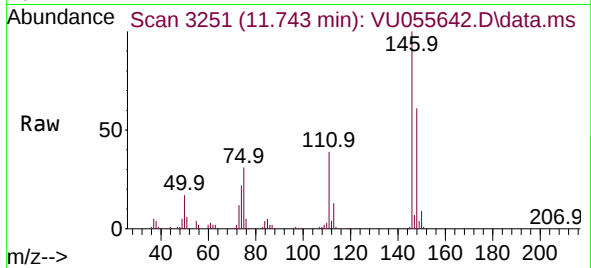




#64
1,3-Dichlorobenzene
Concen: 3.512 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU055642.D
Acq: 03 Oct 2023 15:43

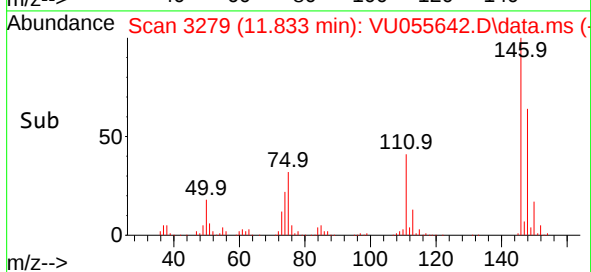
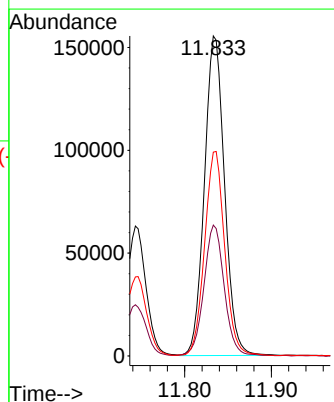
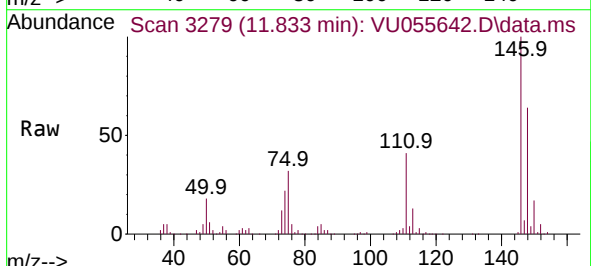
Instrument :
MSVOA_U
ClientSampleId :

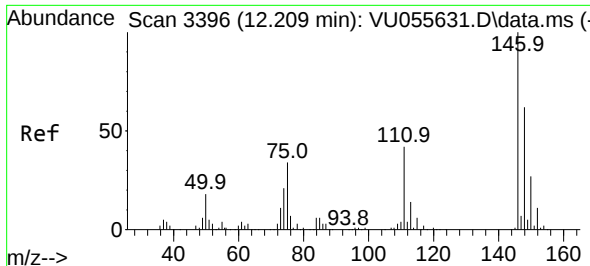
Tgt Ion:146 Resp: 98087
Ion Ratio Lower Upper
146 100
111 39.4 28.8 53.6
148 60.8 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 8.991 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.003 min
Lab File: VU055642.D
Acq: 03 Oct 2023 15:43

Tgt Ion:146 Resp: 250998
Ion Ratio Lower Upper
146 100
111 40.9 29.0 53.8
148 63.7 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 1.058 ug/L

RT: 12.209 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU055642.D

Acq: 03 Oct 2023 15:43

Instrument :

MSVOA_U

ClientSampleId :

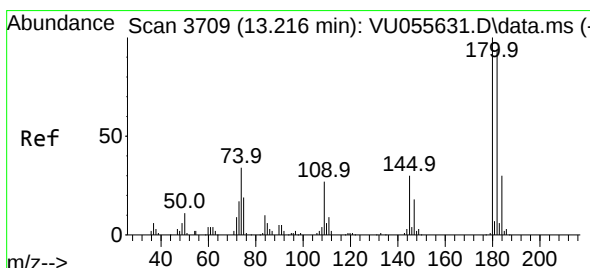
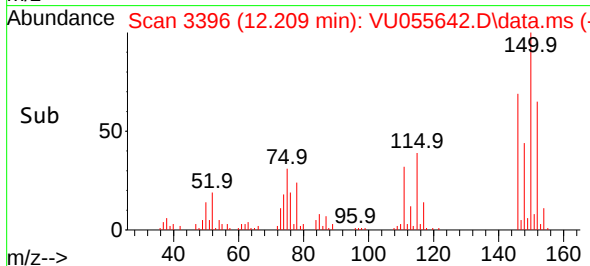
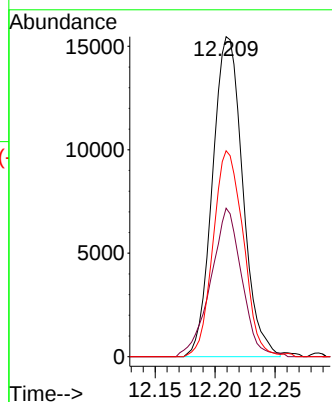
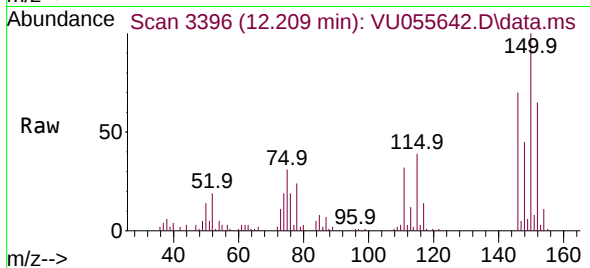
Tgt Ion:146 Resp: 27098

Ion Ratio Lower Upper

146 100

111 46.4 34.6 52.0

148 64.4 51.8 77.8



#69

1,3,5-Trichlorobenzene

Concen: 3.406 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.624 min

Lab File: VU055642.D

Acq: 03 Oct 2023 15:43

Tgt Ion:180 Resp: 65510

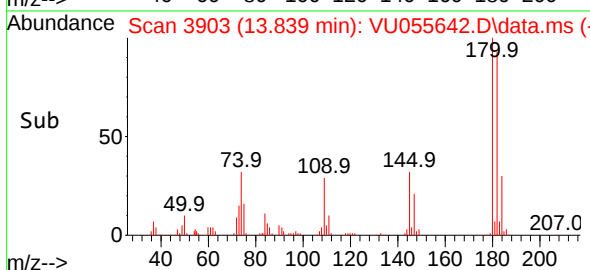
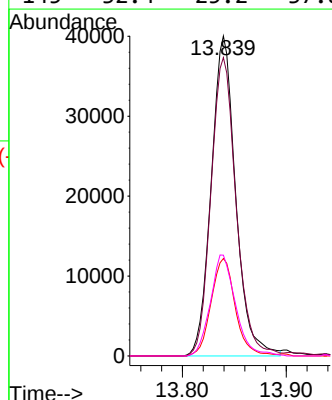
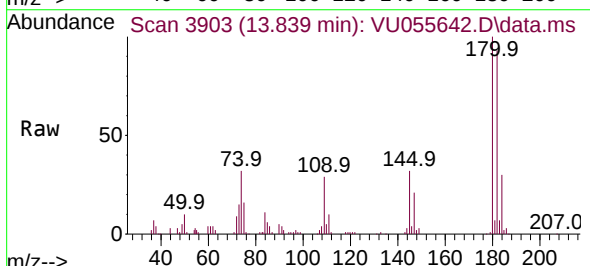
Ion Ratio Lower Upper

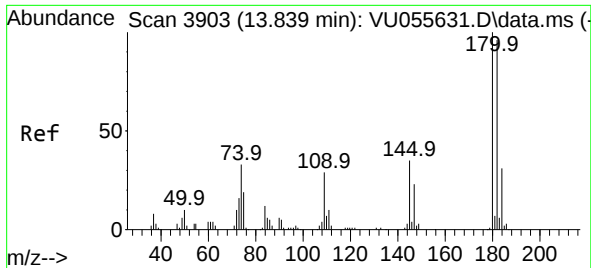
180 100

182 95.4 77.1 115.7

184 30.0 24.0 36.0

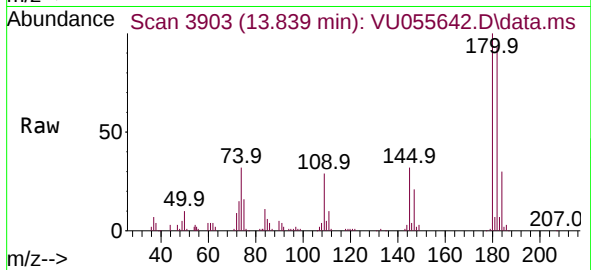
145 32.4 25.2 37.8





#70
 1,2,4-trichlorobenzene
 Concen: 4.467 ug/L
 RT: 13.839 min Scan# 3903
 Delta R.T. 0.000 min
 Lab File: VU055642.D
 Acq: 03 Oct 2023 15:43

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	65510
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.4	114.6
145	32.4	25.4	38.0

