

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055608.D
 Acq On : 02 Oct 2023 16:40
 Operator : MD/SY
 Sample : 04679-16 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 04:57:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

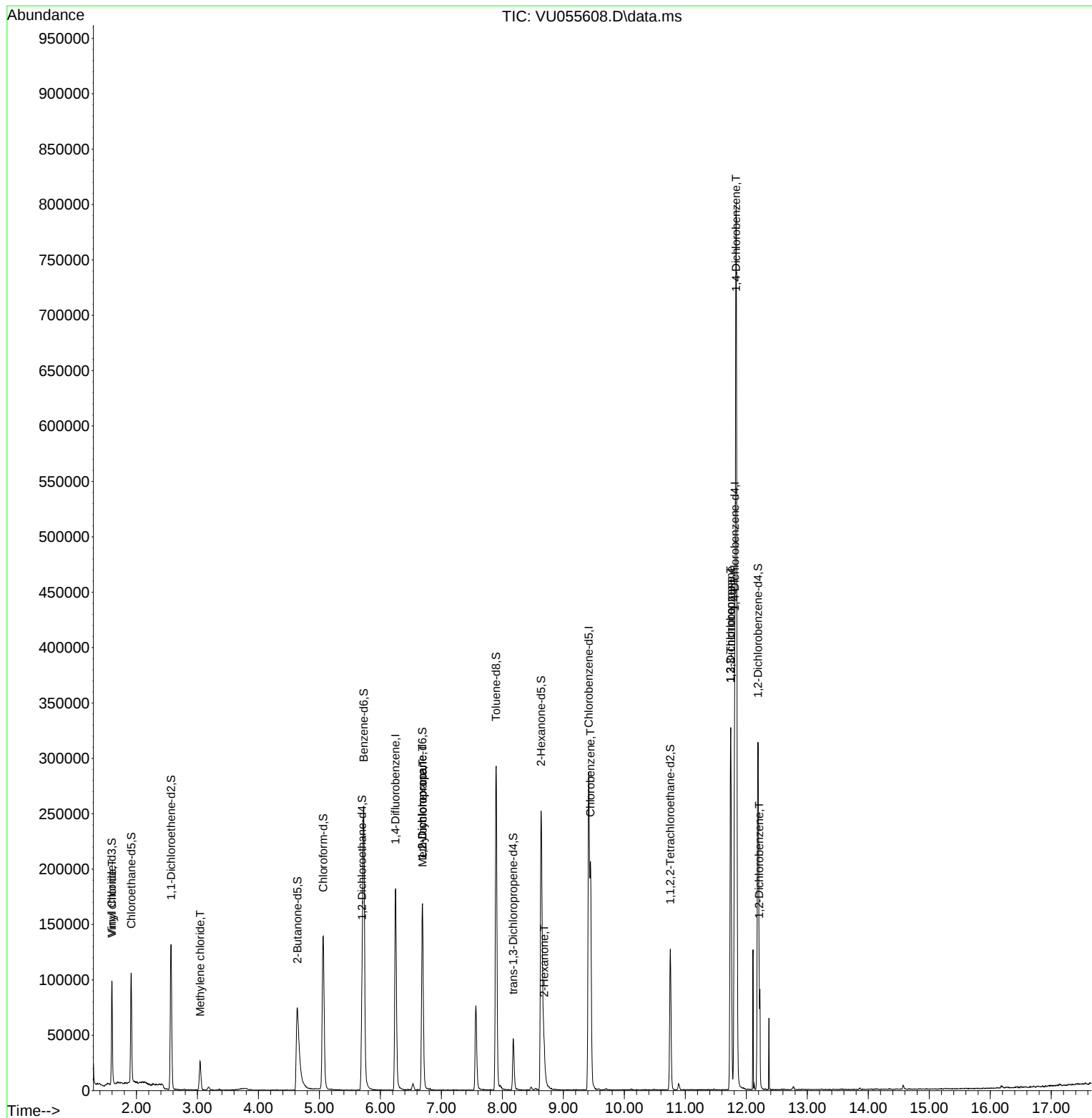
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	148533	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.416	117	153441	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	80795	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	64903	4.323	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.914	69	70715	5.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.567	65	24875	4.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.600%
20) 2-Butanone-d5	4.638	46	146917	54.182	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.360%
24) Chloroform-d	5.062	84	131740	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.699	65	67624	5.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.724	84	245320	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.689	67	80504	5.020	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.898	98	202612	4.142	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.178	79	26689	4.743	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.634	63	81047	47.348	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.700%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	62876	5.232	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	77208	4.735	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
5) Vinyl chloride	1.599	62	2103	0.153	ug/L #	1
16) Methylene chloride	3.043	84	12042	0.968	ug/L	96
35) Methylcyclohexane	6.692	83	17877	0.993	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	9376	0.812	ug/L #	88
48) 2-Hexanone	8.686	43	15968	3.933	ug/L #	77
51) Chlorobenzene	9.444	112	104338	3.458	ug/L	99
61) 1,2,3-Trichloropropane	11.743	75	44113	6.994	ug/L #	48
64) 1,3-Dichlorobenzene	11.743	146	127817	5.733	ug/L	96
65) 1,4-Dichlorobenzene	11.833	146	299465	13.440	ug/L	99
67) 1,2-Dichlorobenzene	12.210	146	15714	0.769	ug/L	96

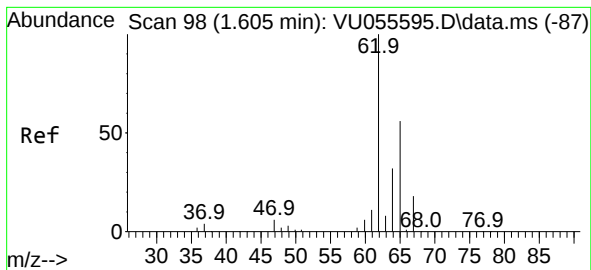
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.153 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU055608.D

Acq: 02 Oct 2023 16:40

Instrument :

MSVOA_U

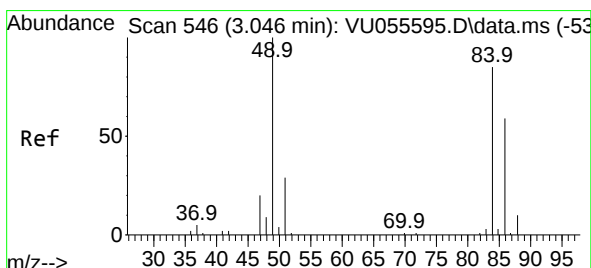
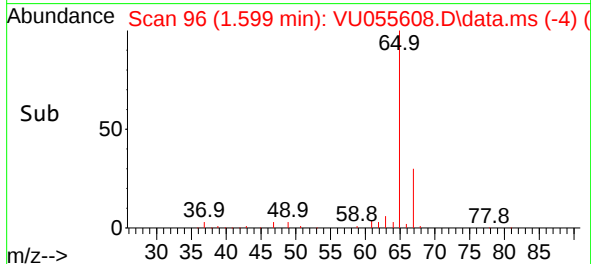
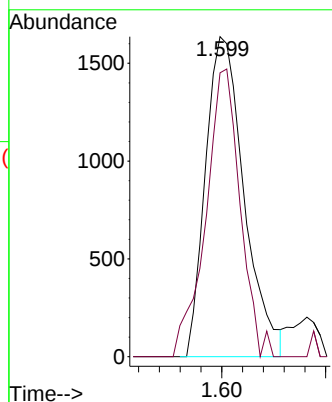
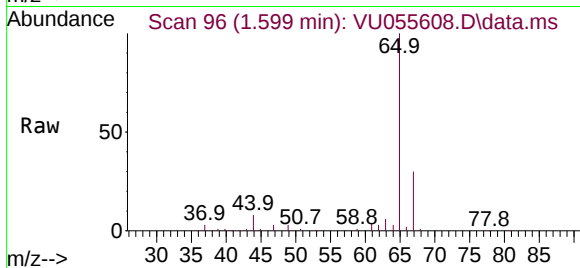
ClientSampleId :

Tgt Ion: 62 Resp: 2103

Ion Ratio Lower Upper

62 100

64 88.7 22.3 41.5#



#16

Methylene chloride

Concen: 0.968 ug/L

RT: 3.043 min Scan# 545

Delta R.T. 0.000 min

Lab File: VU055608.D

Acq: 02 Oct 2023 16:40

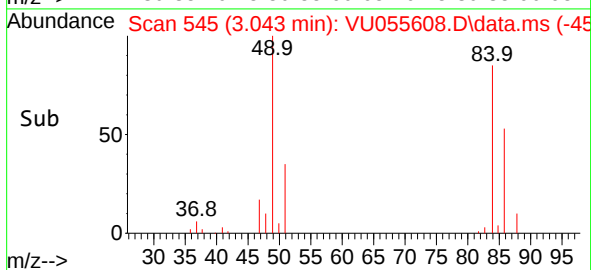
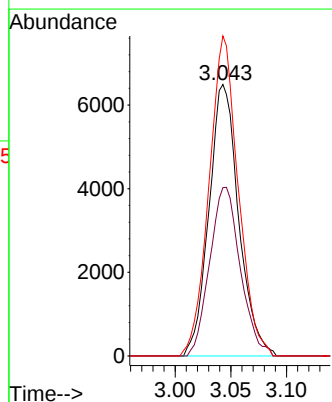
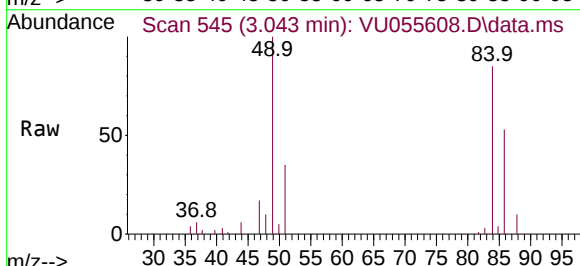
Tgt Ion: 84 Resp: 12042

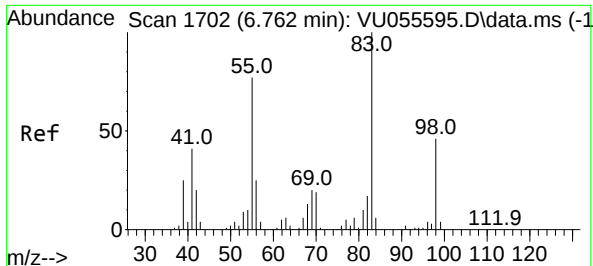
Ion Ratio Lower Upper

84 100

86 62.0 44.9 83.3

49 117.9 78.8 146.3

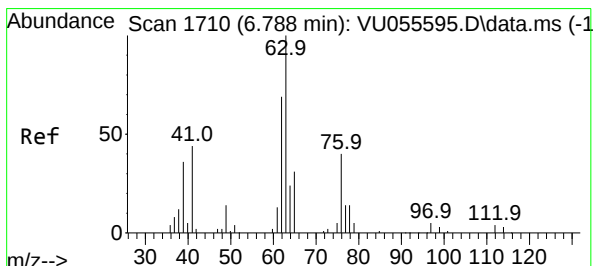
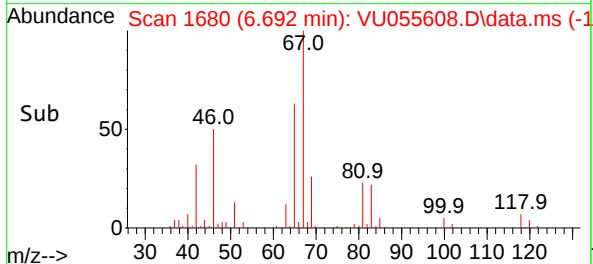
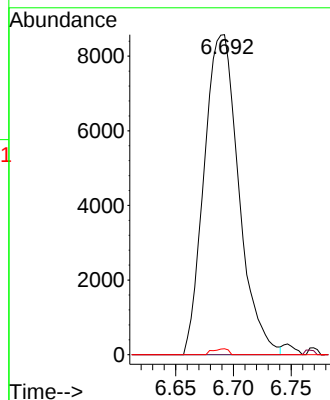
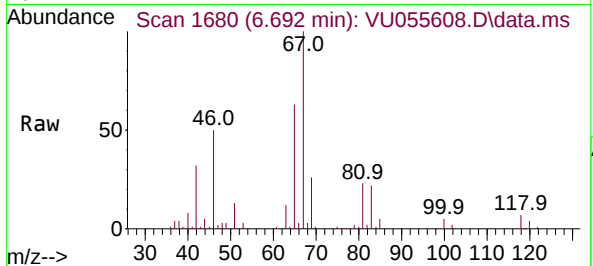




#35
Methylcyclohexane
Concen: 0.993 ug/L
RT: 6.692 min Scan# 1679
Delta R.T. -0.067 min
Lab File: VU055608.D
Acq: 02 Oct 2023 16:40

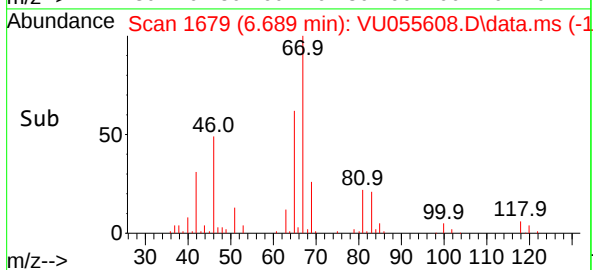
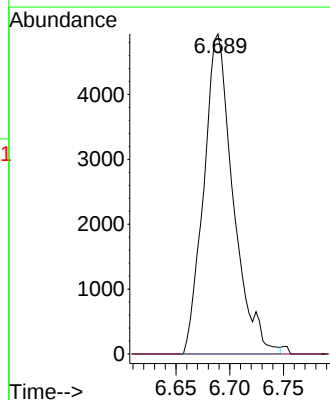
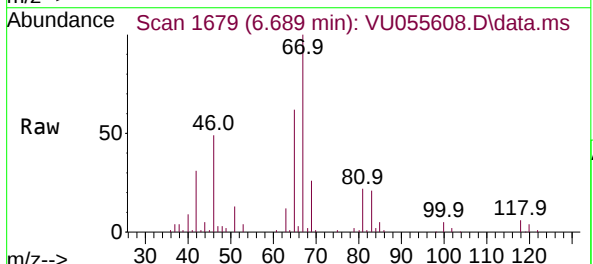
Instrument :
MSVOA_U
ClientSampleId :

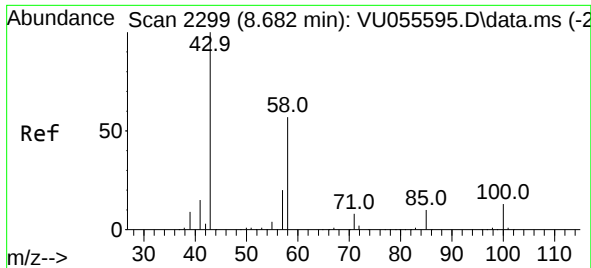
Tgt Ion: 83 Resp: 17877
Ion Ratio Lower Upper
83 100
55 0.4 59.1 88.7#
98 0.8 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.812 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055608.D
Acq: 02 Oct 2023 16:40

Tgt Ion: 63 Resp: 9376
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

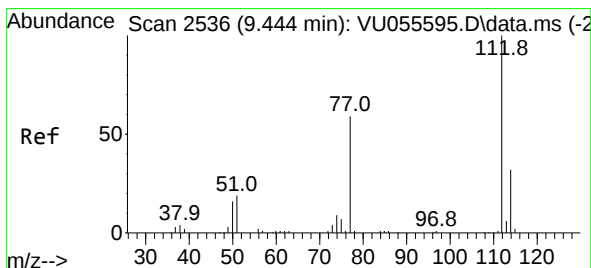
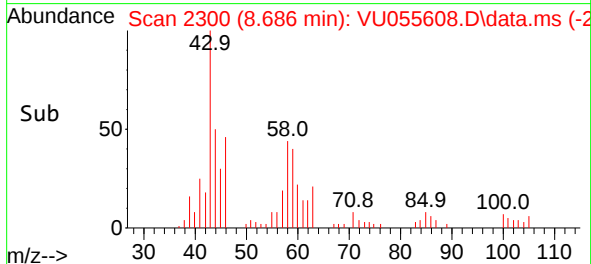
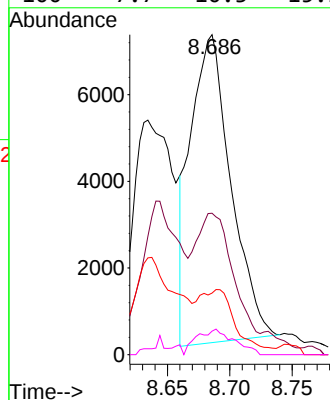
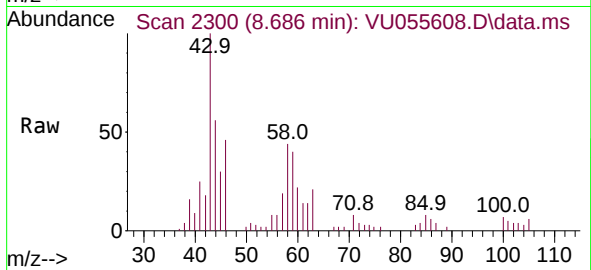




#48
2-Hexanone
Concen: 3.933 ug/L
RT: 8.686 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055608.D
Acq: 02 Oct 2023 16:40

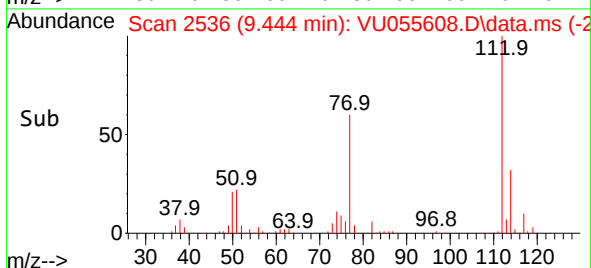
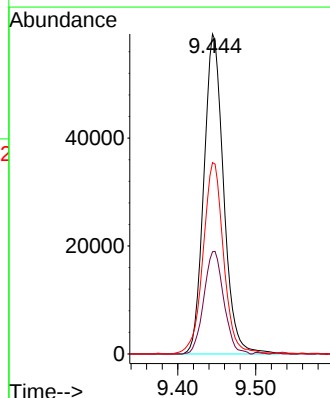
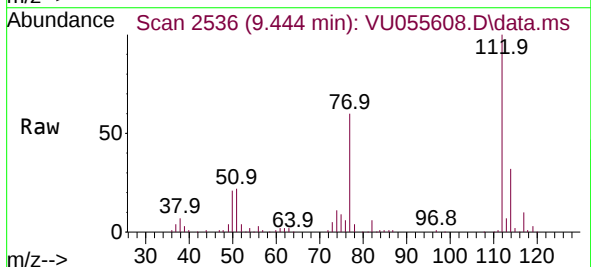
Instrument :
MSVOA_U
ClientSampleId :

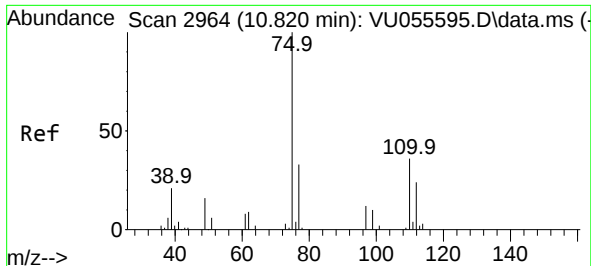
Tgt Ion:	43	Resp:	15968
Ion	Ratio	Lower	Upper
43	100		
58	37.1	48.5	72.7#
57	18.5	17.0	25.4
100	7.7	10.3	15.5#



#51
Chlorobenzene
Concen: 3.458 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU055608.D
Acq: 02 Oct 2023 16:40

Tgt Ion:	112	Resp:	104338
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	40.8
77	59.8	46.9	70.3

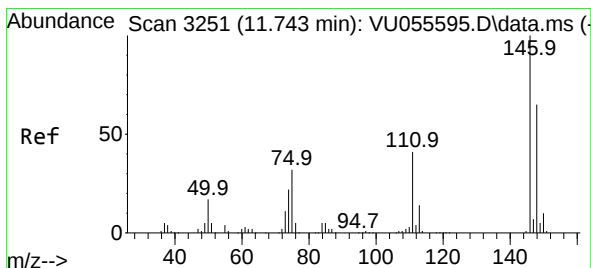
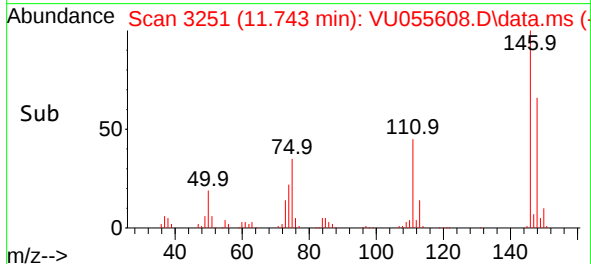
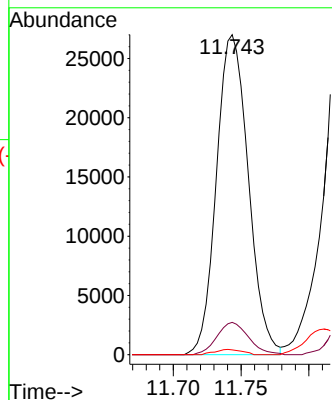
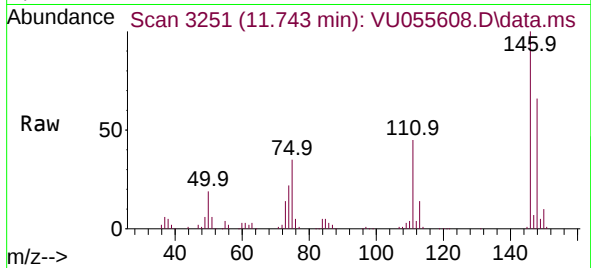




#61
1,2,3-Trichloropropane
Concen: 6.994 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.923 min
Lab File: VU055608.D
Acq: 02 Oct 2023 16:40

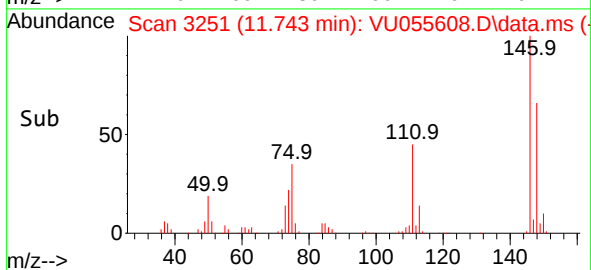
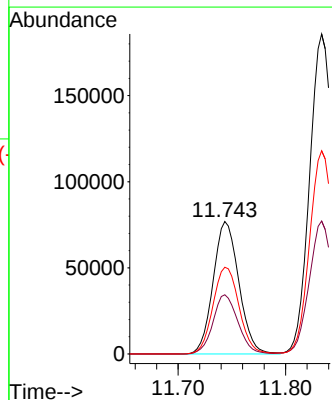
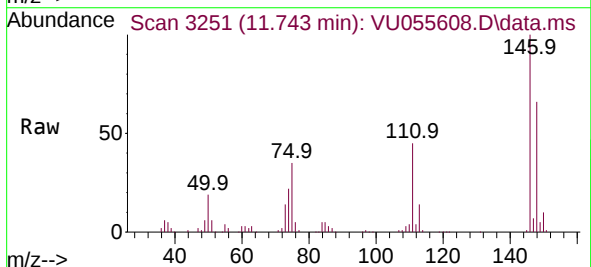
Instrument :
MSVOA_U
ClientSampleId :

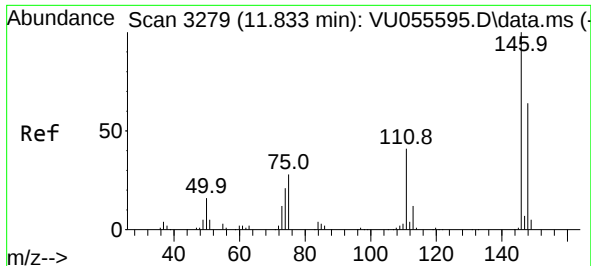
Tgt Ion: 75 Resp: 44113
Ion Ratio Lower Upper
75 100
110 10.1 30.6 45.8#
77 0.0 26.7 40.1#



#64
1,3-Dichlorobenzene
Concen: 5.733 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU055608.D
Acq: 02 Oct 2023 16:40

Tgt Ion:146 Resp: 127817
Ion Ratio Lower Upper
146 100
111 44.6 28.8 53.6
148 65.5 44.6 82.8





#65

1,4-Dichlorobenzene

Concen: 13.440 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.000 min

Lab File: VU055608.D

Acq: 02 Oct 2023 16:40

Instrument :

MSVOA_U

ClientSampleId :

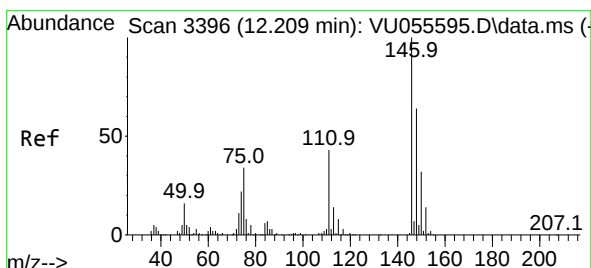
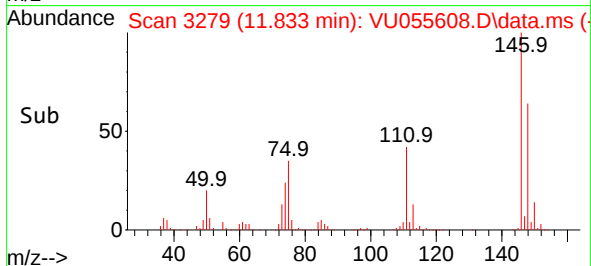
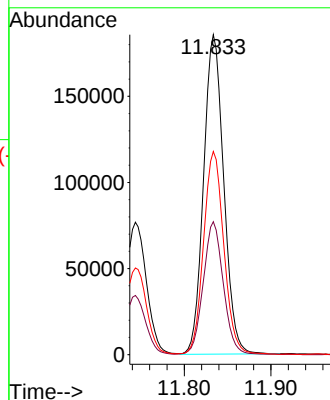
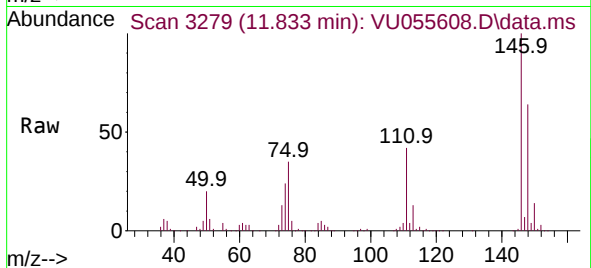
Tgt Ion:146 Resp: 299465

Ion Ratio Lower Upper

146 100

111 41.5 29.0 53.8

148 63.5 45.4 84.4



#67

1,2-Dichlorobenzene

Concen: 0.769 ug/L

RT: 12.210 min Scan# 3396

Delta R.T. 0.000 min

Lab File: VU055608.D

Acq: 02 Oct 2023 16:40

Tgt Ion:146 Resp: 15714

Ion Ratio Lower Upper

146 100

111 47.1 34.6 52.0

148 62.3 51.8 77.8

