

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055643.D
 Acq On : 03 Oct 2023 16:07
 Operator : MD/SY
 Sample : 04692-01DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 04 04:44:18 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)

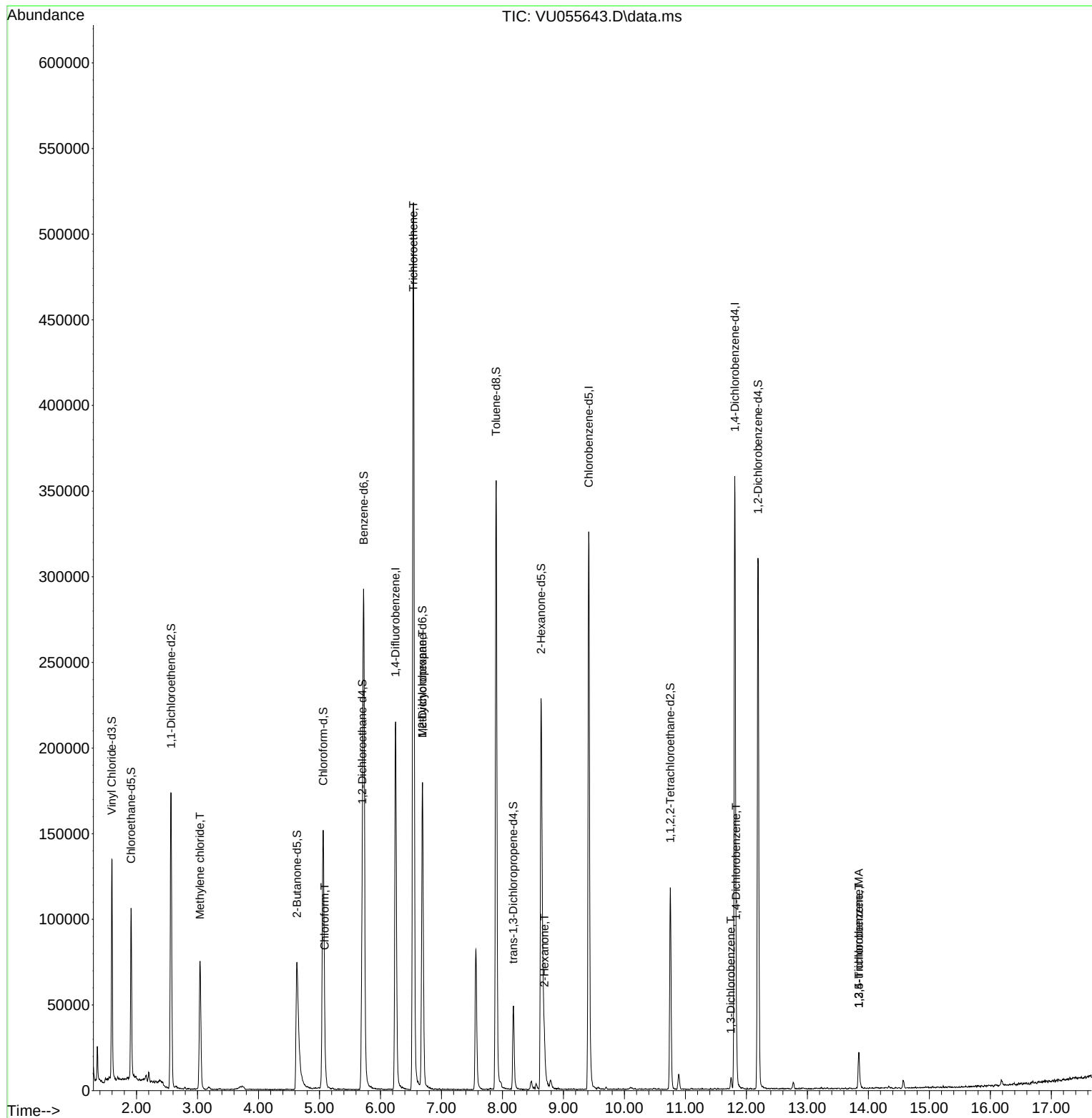
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	172711	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	187375	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	97689	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	83934	4.808	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.911	69	69259	4.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.567	65	33227	4.624	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.631	46	133708	42.408	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.820%
24) Chloroform-d	5.062	84	140221	4.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.701	65	67112	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.724	84	282240	4.306	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.689	67	87428	4.465	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.897	98	243442	4.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.177	79	29192	4.248	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.634	63	73230	35.034	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.060%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	59390	4.047	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	81592	4.138	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	36809	2.544	ug/L	93
25) Chloroform	5.084	83	11350	0.476	ug/L	94
34) Trichloroethene	6.541	95	182949	11.993	ug/L	95
35) Methylcyclohexane	6.689	83	19226	0.875	ug/L #	30
48) 2-Hexanone	8.688	43	16869	3.402	ug/L #	83
64) 1,3-Dichlorobenzene	11.746	146	2820	0.105	ug/L	93
65) 1,4-Dichlorobenzene	11.833	146	7709	0.286	ug/L	93
69) 1,3,5-Trichlorobenzene	13.846	180	7355	0.396	ug/L	95
70) 1,2,4-trichlorobenzene	13.846	180	7355	0.520	ug/L	95

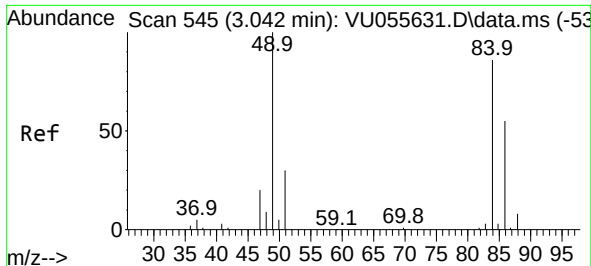
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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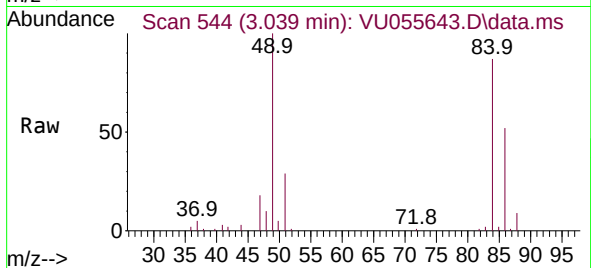
Quant Time: Oct 04 04:44:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
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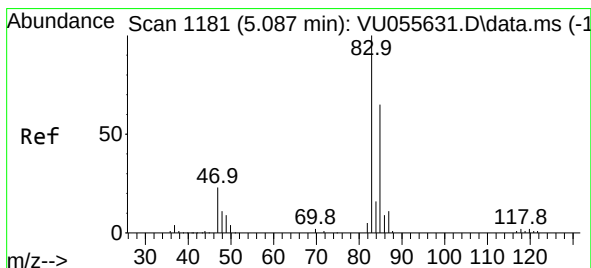
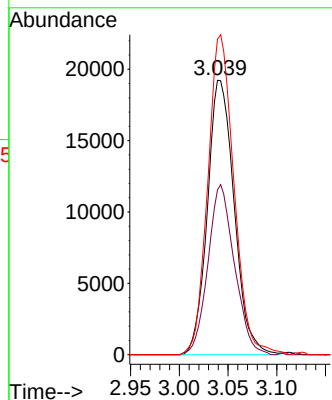
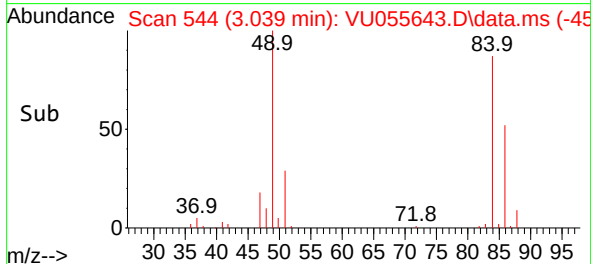


#16
Methylene chloride
Concen: 2.544 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU055643.D
Acq: 03 Oct 2023 16:07

Instrument :
MSVOA_U
ClientSampleId :

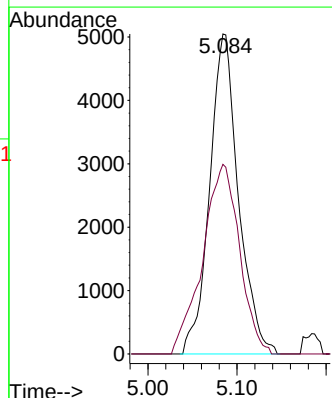
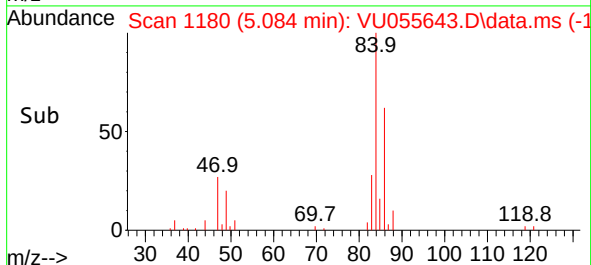
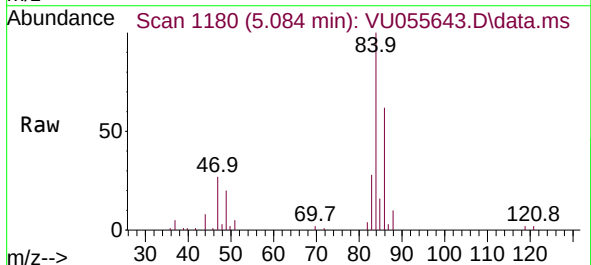


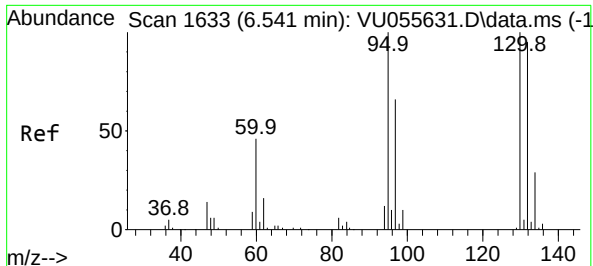
Tgt Ion: 84 Resp: 36809
Ion Ratio Lower Upper
84 100
86 60.0 44.9 83.3
49 120.7 78.8 146.3



#25
Chloroform
Concen: 0.476 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.003 min
Lab File: VU055643.D
Acq: 03 Oct 2023 16:07

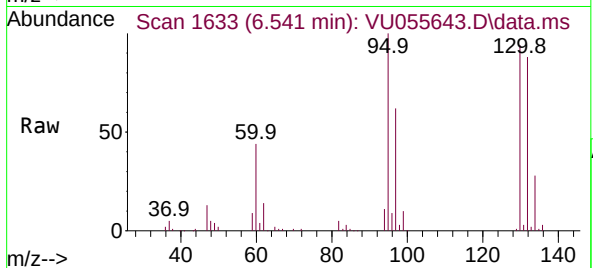
Tgt Ion: 83 Resp: 11350
Ion Ratio Lower Upper
83 100
85 59.3 44.9 83.5



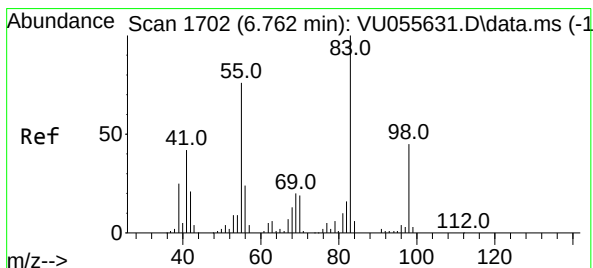
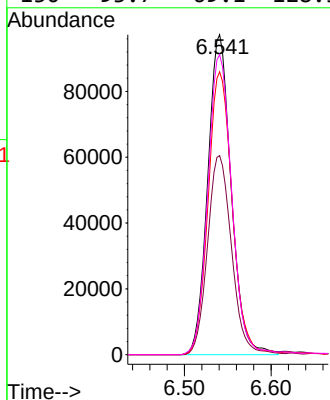
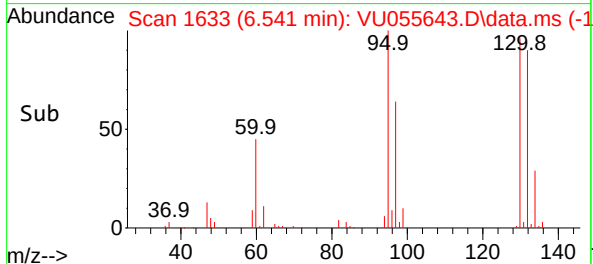


#34
Trichloroethene
Concen: 11.993 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VU055643.D
Acq: 03 Oct 2023 16:07

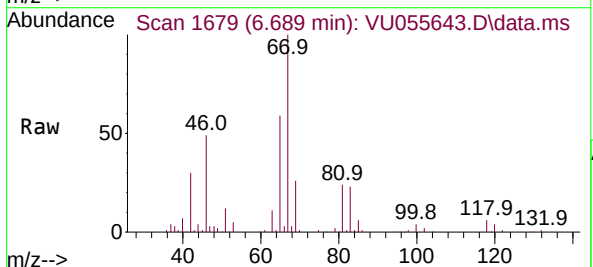
Instrument :
MSVOA_U
ClientSampleId :



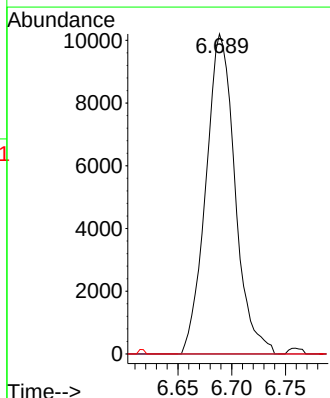
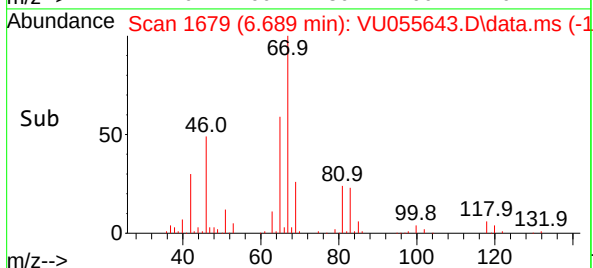
Tgt Ion: 95 Resp: 182949
Ion Ratio Lower Upper
95 100
97 62.2 45.4 84.2
132 88.4 65.2 121.2
130 93.7 69.1 128.3

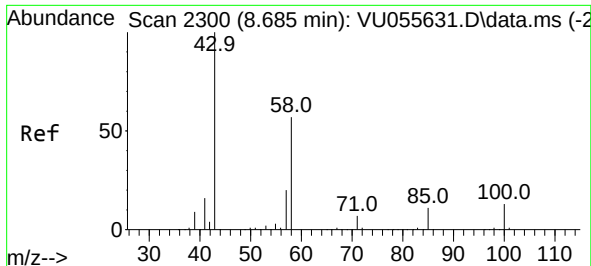


#35
Methylcyclohexane
Concen: 0.875 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055643.D
Acq: 03 Oct 2023 16:07



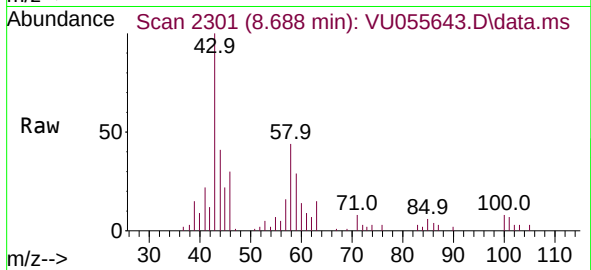
Tgt Ion: 83 Resp: 19226
Ion Ratio Lower Upper
83 100
55 0.0 59.1 88.7#
98 18.8 36.3 54.5#



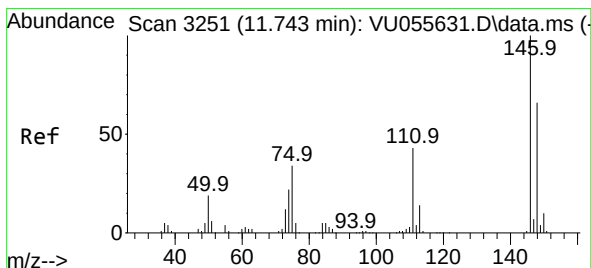
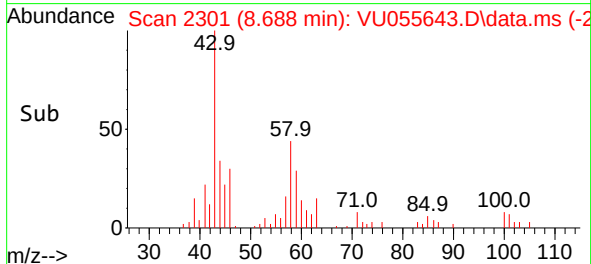
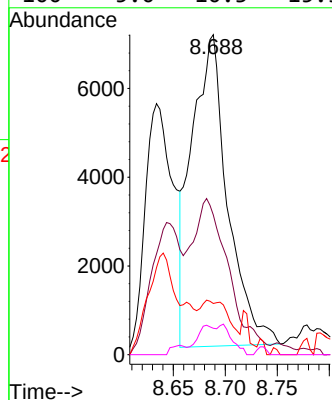


#48
2-Hexanone
Concen: 3.402 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055643.D
Acq: 03 Oct 2023 16:07

Instrument :
MSVOA_U
ClientSampleId :

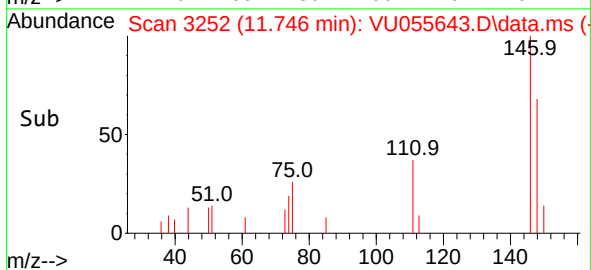
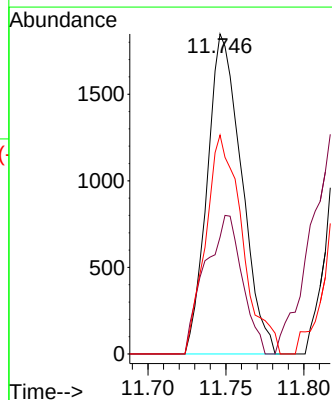
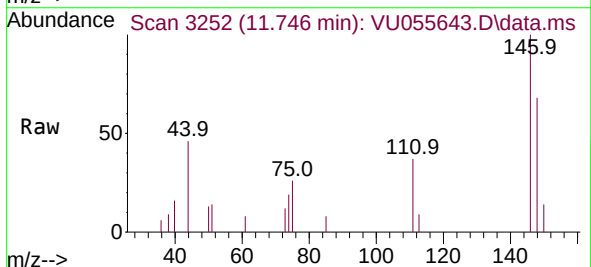


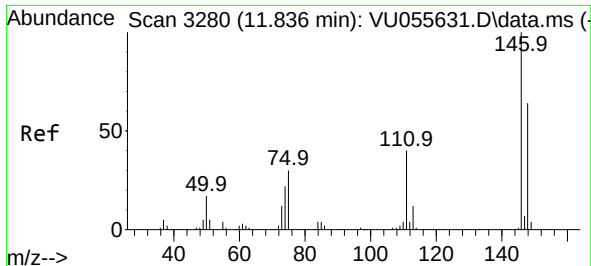
Tgt Ion:	43	Resp:	16869
Ion Ratio	100	Lower	Upper
43	100		
58	47.9	48.5	72.7#
57	14.4	17.0	25.4#
100	5.0	10.3	15.5#



#64
1,3-Dichlorobenzene
Concen: 0.105 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VU055643.D
Acq: 03 Oct 2023 16:07

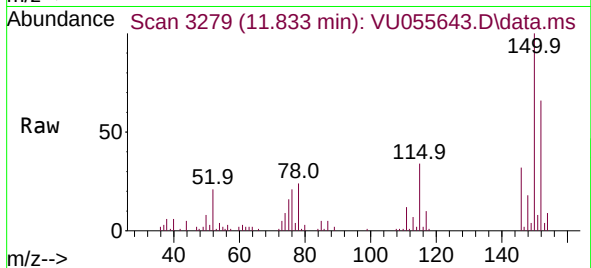
Tgt Ion:	146	Resp:	2820
Ion Ratio	100	Lower	Upper
146	100		
111	36.5	28.8	53.6
148	68.4	44.6	82.8



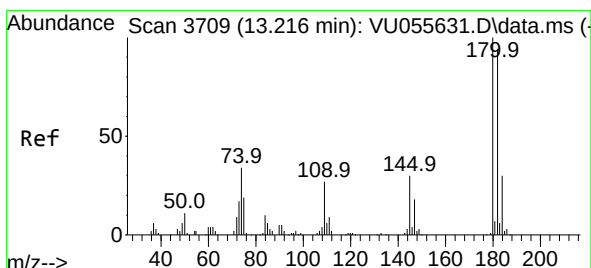
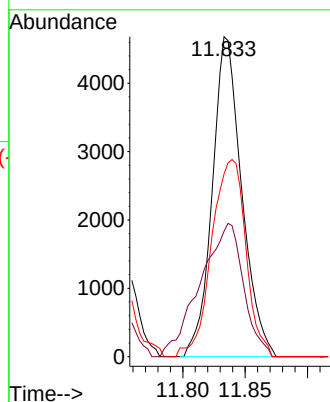
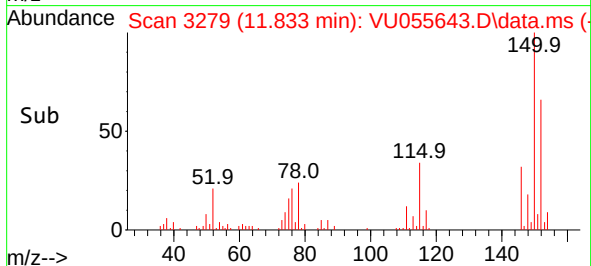


#65
1,4-Dichlorobenzene
Concen: 0.286 ug/L
RT: 11.833 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU055643.D
Acq: 03 Oct 2023 16:07

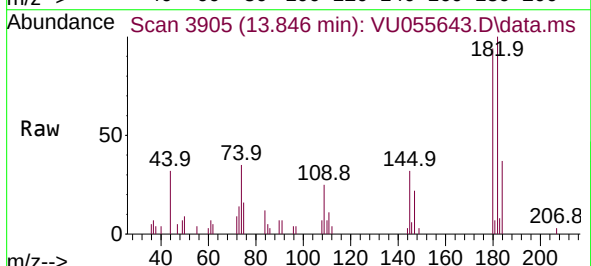
Instrument :
MSVOA_U
ClientSampleId :



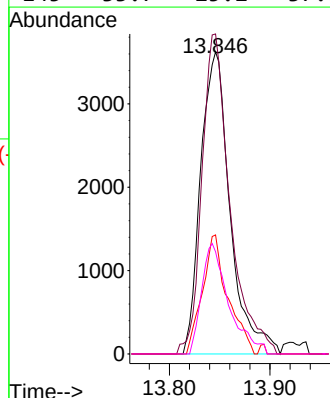
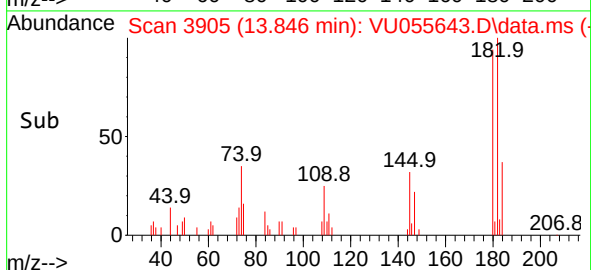
Tgt Ion:146 Resp: 7709
Ion Ratio Lower Upper
146 100
111 39.2 29.0 53.8
148 57.1 45.4 84.4

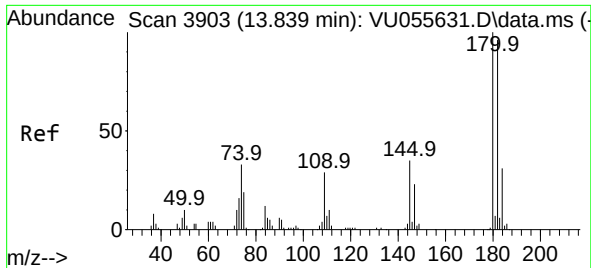


#69
1,3,5-Trichlorobenzene
Concen: 0.396 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.630 min
Lab File: VU055643.D
Acq: 03 Oct 2023 16:07



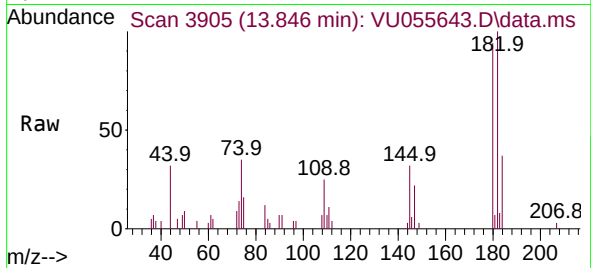
Tgt Ion:180 Resp: 7355
Ion Ratio Lower Upper
180 100
182 101.0 77.1 115.7
184 34.1 24.0 36.0
145 33.7 25.2 37.8





#70
 1,2,4-trichlorobenzene
 Concen: 0.520 ug/L
 RT: 13.846 min Scan# 3905
 Delta R.T. 0.007 min
 Lab File: VU055643.D
 Acq: 03 Oct 2023 16:07

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	180	Resp:	7355
Ion Ratio	Lower	Upper	
180	100		
182	101.0	76.4	114.6
145	33.7	25.4	38.0

