

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082123\
 Data File : VW026785.D
 Acq On : 21 Aug 2023 12:28
 Operator : SY/MD
 Sample : 04037-11RE
 Misc : 7.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 22 01:32:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 22 01:31:05 2023
 Response via : Initial Calibration

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

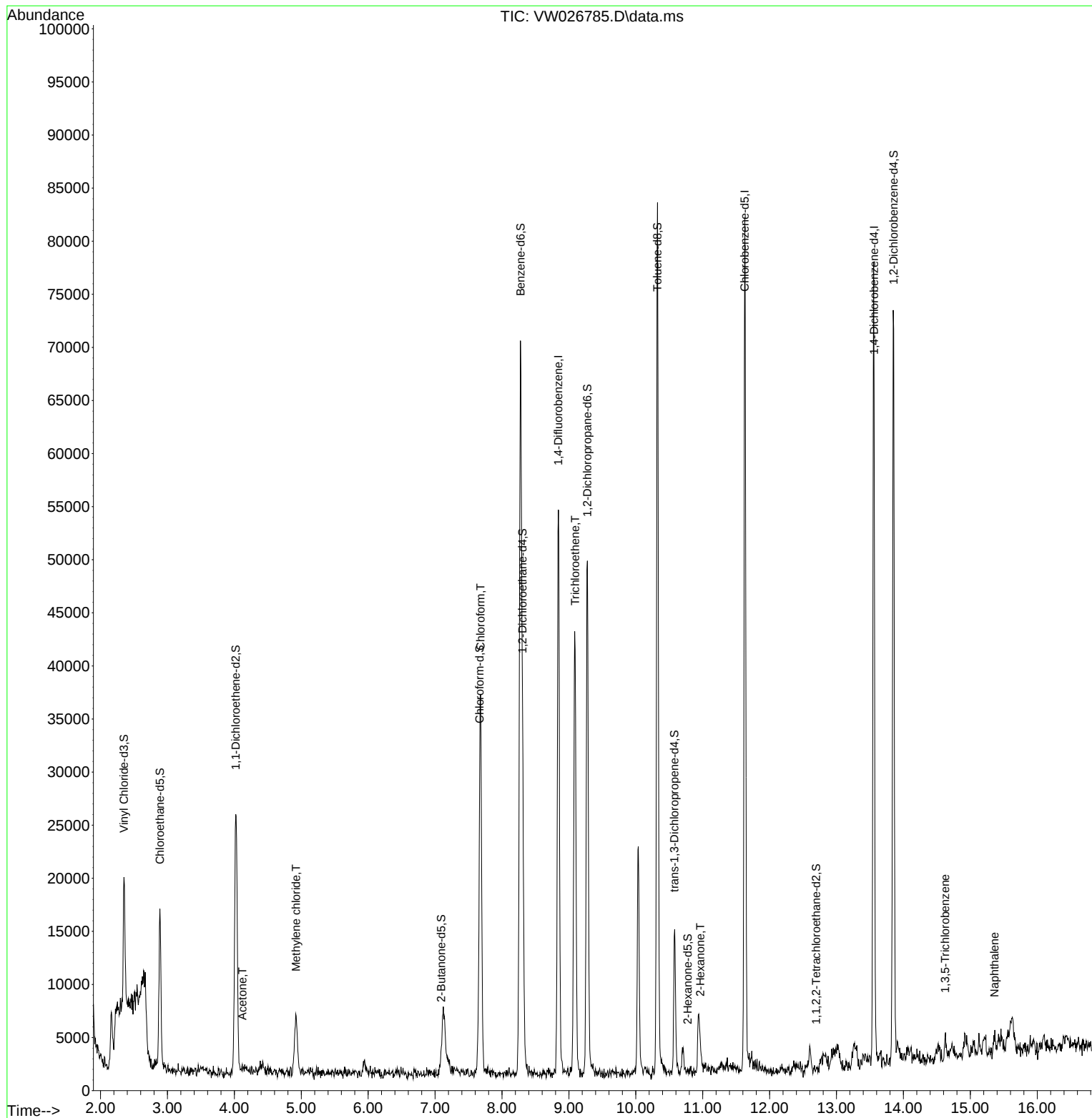
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	42802	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	43589	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.562	152	19323	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.350	65	13640	19.385	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.560%
7) Chloroethane-d5	2.887	69	15287	29.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.880%
11) 1,1-Dichloroethene-d2	4.021	65	8240	23.811	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.240%
21) 2-Butanone-d5	7.093	46	976	4.826	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	9.660%#
24) Chloroform-d	7.667	84	3434	2.390	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	9.560%#
26) 1,2-Dichloroethane-d4	8.307	65	20888	26.348	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	8.276	84	70644	23.516	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.080%
36) 1,2-Dichloropropane-d6	9.276	67	22411	23.950	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.800%
41) Toluene-d8	10.325	98	54368	21.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.320%
43) trans-1,3-Dichloroprop...	10.575	79	8057	20.854	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.400%
47) 2-Hexanone-d5	10.776	63	41	0.417	ug/L	-0.15
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.840%#
56) 1,1,2,2-Tetrachloroeth...	12.696	84	72	0.097	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.400%#
66) 1,2-Dichlorobenzene-d4	13.854	152	18036	26.078	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.320%
Target Compounds						
					Qvalue	
13) Acetone	4.118	43	571	2.840	ug/L	71
16) Methylene chloride	4.923	84	2444	2.952	ug/L	98
25) Chloroform	7.679	83	33717	24.020	ug/L	93
34) Trichloroethene	9.093	95	11045	13.662	ug/L	97
48) 2-Hexanone	10.965	43	514	1.336	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.623	180	498	0.590	ug/L	95
71) Naphthalene	15.360	128	831	0.609	ug/L #	81

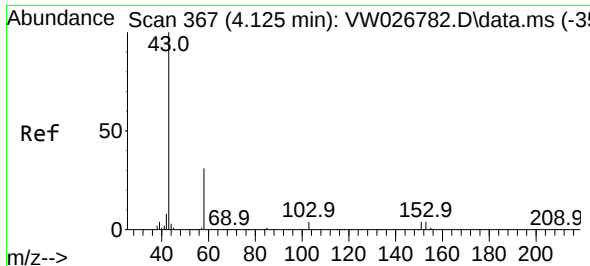
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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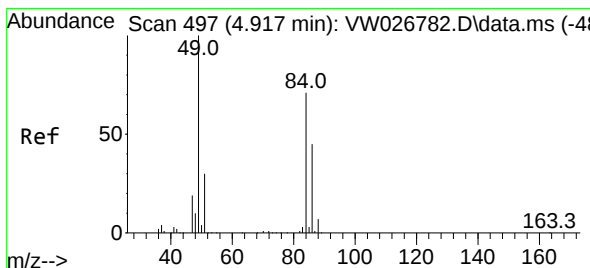
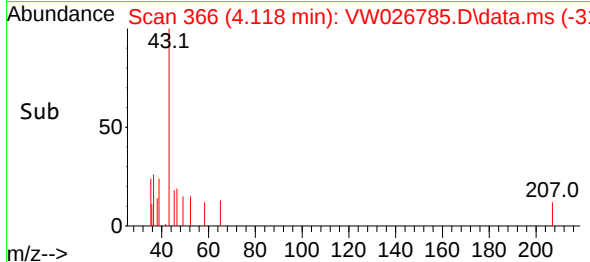
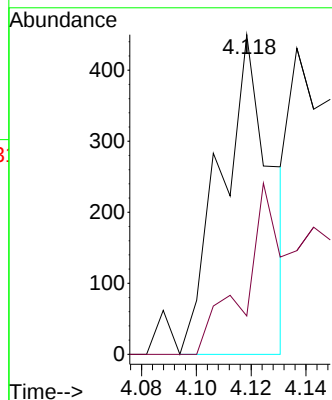
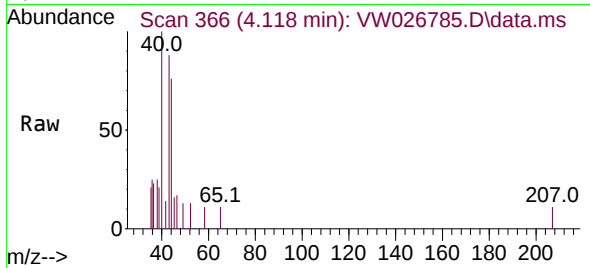




#13
Acetone
Concen: 2.840 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW026785.D
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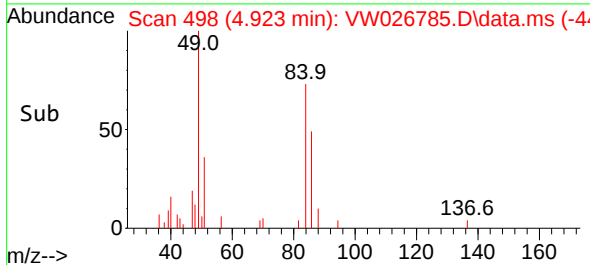
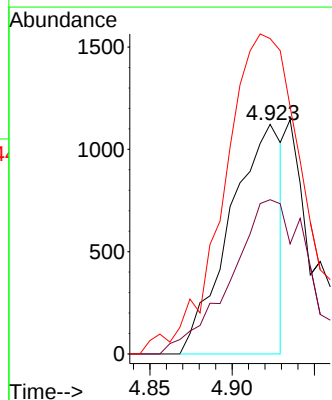
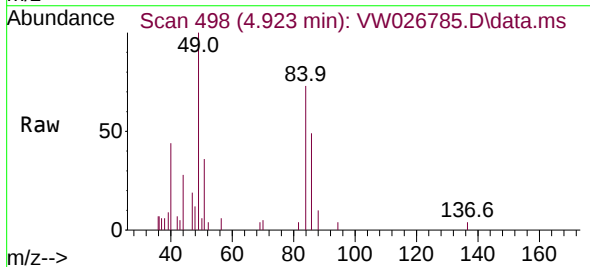
Instrument :
MSVOA_W
ClientSampleId :

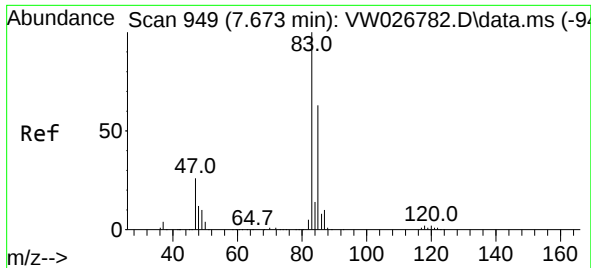
Tgt Ion: 43 Resp: 571
Ion Ratio Lower Upper
43 100
58 13.1 0.0 57.4



#16
Methylene chloride
Concen: 2.952 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW026785.D
Acq: 21 Aug 2023 12:28

Tgt Ion: 84 Resp: 2444
Ion Ratio Lower Upper
84 100
86 67.2 43.5 80.9
49 137.3 96.0 178.2

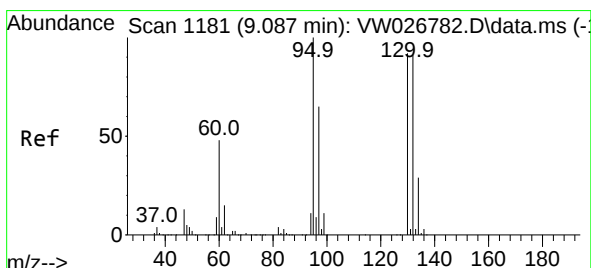
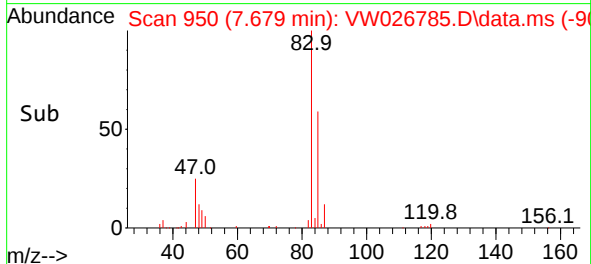
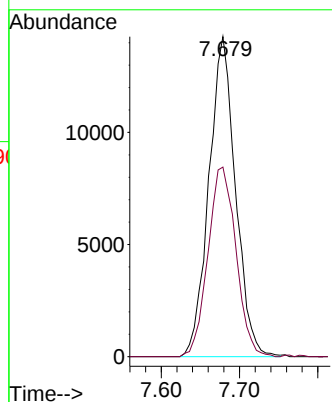
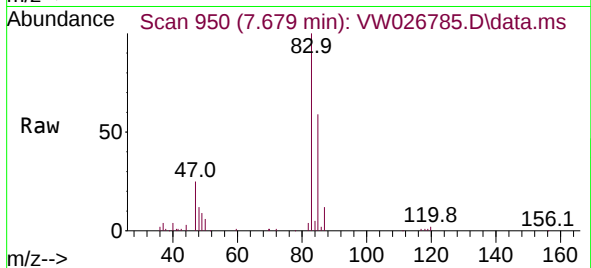




#25
Chloroform
Concen: 24.020 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW026785.D
Acq: 21 Aug 2023 12:28

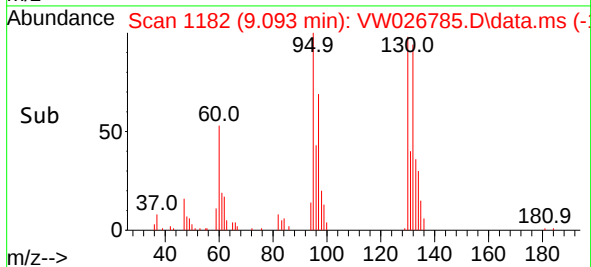
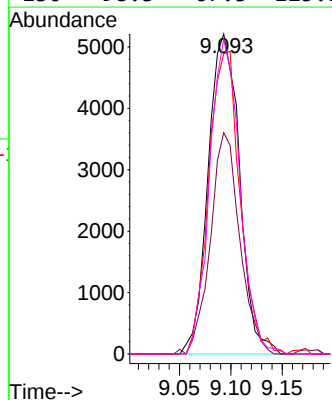
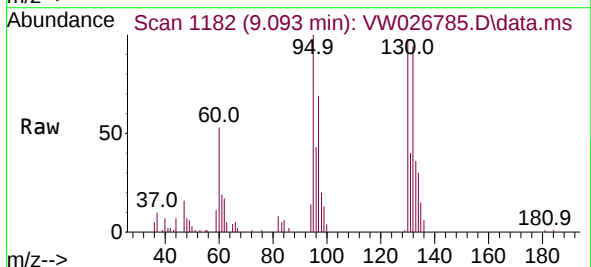
Instrument :
MSVOA_W
ClientSampleId :

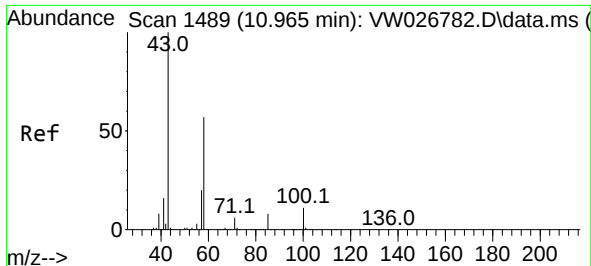
Tgt Ion: 83 Resp: 33717
Ion Ratio Lower Upper
83 100
85 59.3 45.4 84.2



#34
Trichloroethene
Concen: 13.662 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW026785.D
Acq: 21 Aug 2023 12:28

Tgt Ion: 95 Resp: 11045
Ion Ratio Lower Upper
95 100
97 69.2 44.6 82.8
132 93.9 66.4 123.2
130 98.3 67.3 125.1

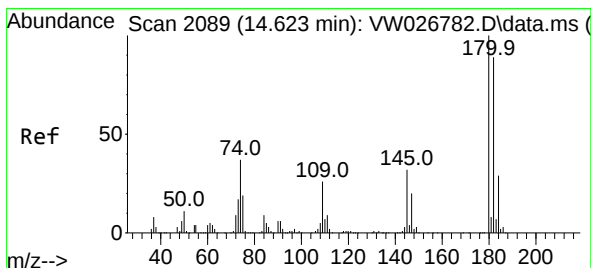
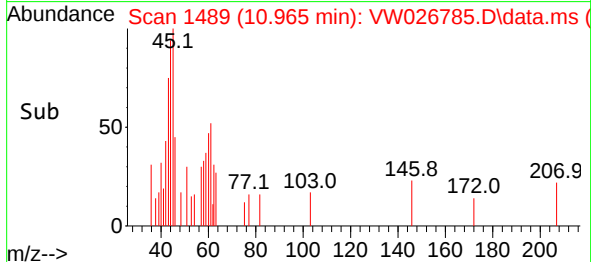
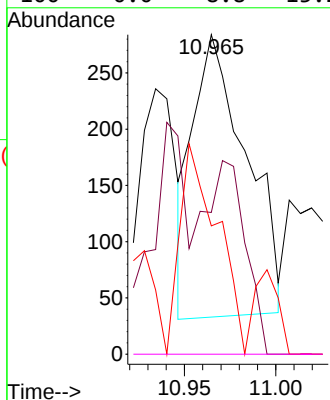
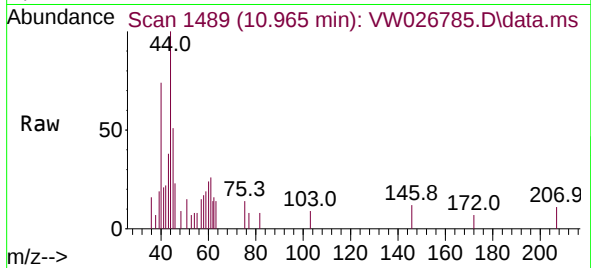




#48
2-Hexanone
Concen: 1.336 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW026785.D
Acq: 21 Aug 2023 12:28

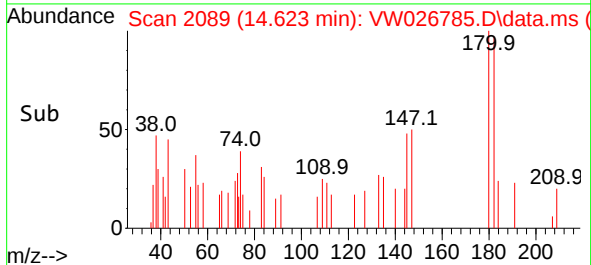
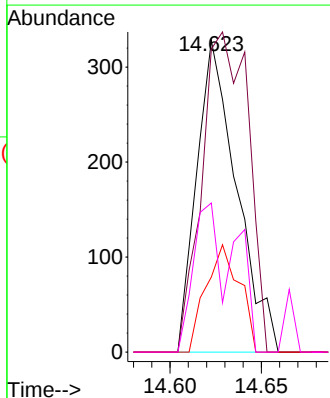
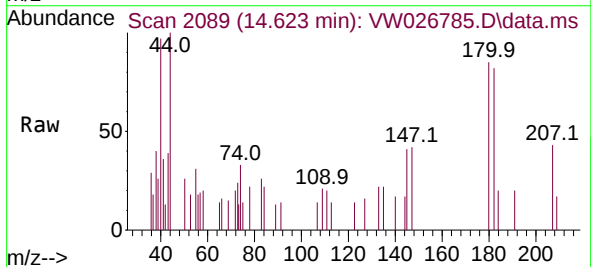
Instrument :
MSVOA_W
ClientSampleId :

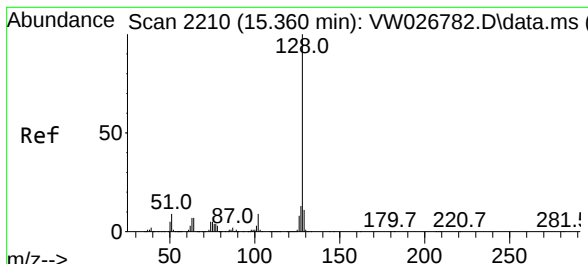
Tgt Ion: 43	Resp:	514	
Ion	Ratio	Lower	Upper
43	100		
58	53.5	41.1	61.7
57	51.9	14.3	21.5#
100	0.0	8.8	13.2#



#69
1,3,5-Trichlorobenzene
Concen: 0.590 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW026785.D
Acq: 21 Aug 2023 12:28

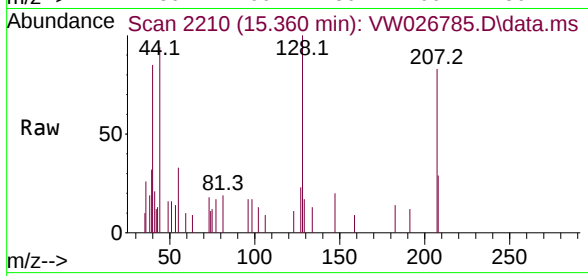
Tgt Ion:180	Resp:	498	
Ion	Ratio	Lower	Upper
180	100		
182	86.1	75.2	112.8
184	29.1	23.8	35.8
145	30.5	25.1	37.7





#71
 Naphthalene
 Concen: 0.609 ug/L
 RT: 15.360 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW026785.D
 Acq: 21 Aug 2023 12:28

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:128 Resp: 831

Ion	Ratio	Lower	Upper
128	100		
127	22.0	10.7	16.1#
129	17.2	9.0	13.4#

