

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
 Data File : VW027739.D
 Acq On : 18 Dec 2023 18:42
 Operator : SY/MD
 Sample : 05794-17
 Misc : 5.71g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 22:15:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

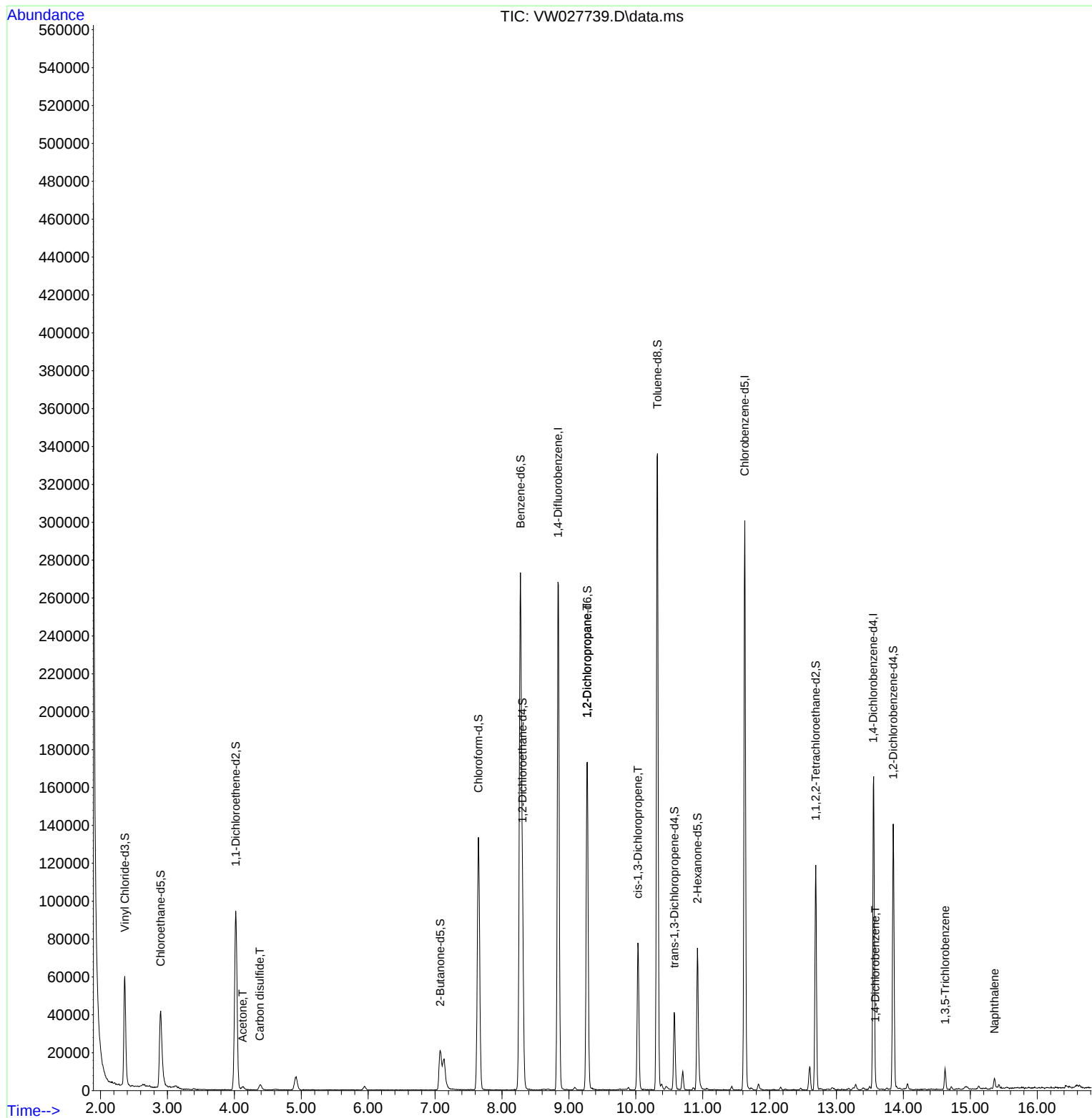
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	245698	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	178432	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	45125	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	72223	20.756	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.040%
7) Chloroethane-d5	2.899	69	63298	23.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.440%
11) 1,1-Dichloroethene-d2	4.021	65	28278	20.291	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.160%
21) 2-Butanone-d5	7.075	46	36090	60.909	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.820%
24) Chloroform-d	7.648	84	141247	24.159	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.640%
26) 1,2-Dichloroethane-d4	8.307	65	71813	26.160	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.640%
32) Benzene-d6	8.276	84	300797	28.845	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.360%
36) 1,2-Dichloropropane-d6	9.276	67	89393	30.258	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	121.040%#
41) Toluene-d8	10.325	98	239267	24.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.920%
43) trans-1,3-Dichloroprop...	10.575	79	24489	21.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.640%
47) 2-Hexanone-d5	10.922	63	26386	61.286	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.580%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	60681	27.160	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	38408	23.778	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds					Qvalue	
13) Acetone	4.124	43	2856	5.310	ug/L	75
14) Carbon disulfide	4.381	76	4364	0.432	ug/L	97
37) 1,2-Dichloropropane	9.270	63	9170	3.673	ug/L #	85
39) cis-1,3-Dichloropropene	10.032	75	1885	0.495	ug/L #	67
65) 1,4-Dichlorobenzene	13.580	146	1293	0.468	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	3471	1.813	ug/L	93
71) Naphthalene	15.360	128	5365	1.925	ug/L	98

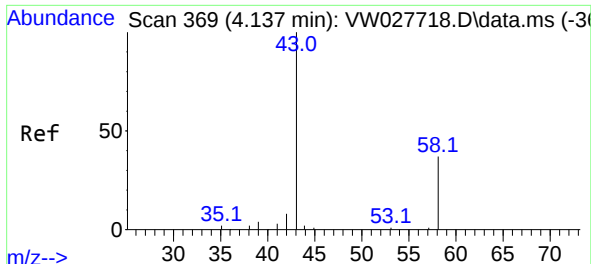
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
Response via : Initial Calibration

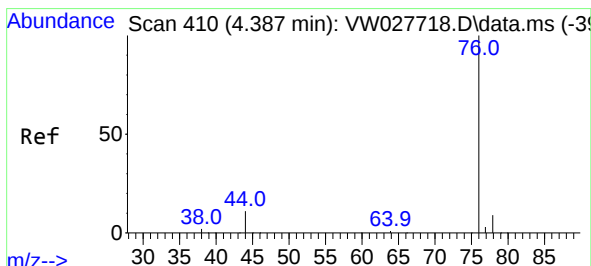
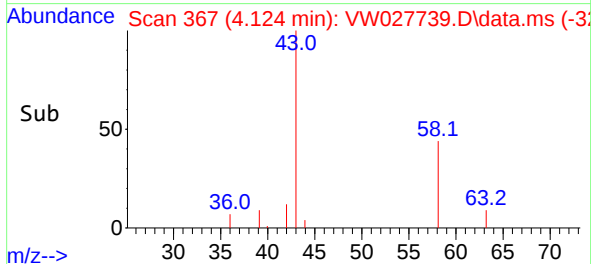
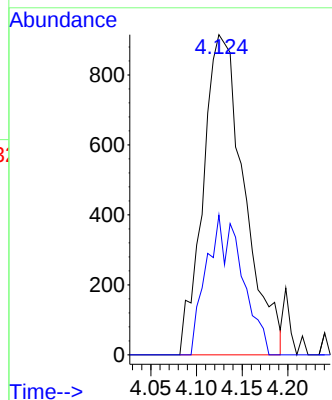
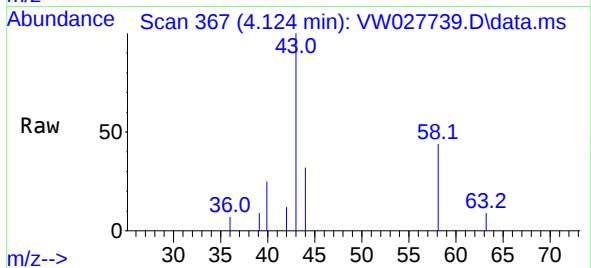




#13
Acetone
Concen: 5.310 ug/L
RT: 4.124 min Scan# 309
Delta R.T. -0.061 min
Lab File: VW027739.D
Acq: 18 Dec 2023 18:42

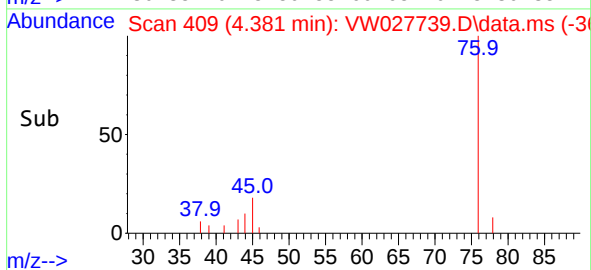
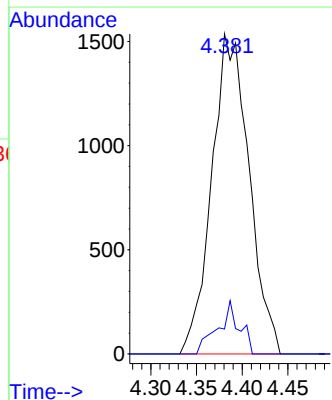
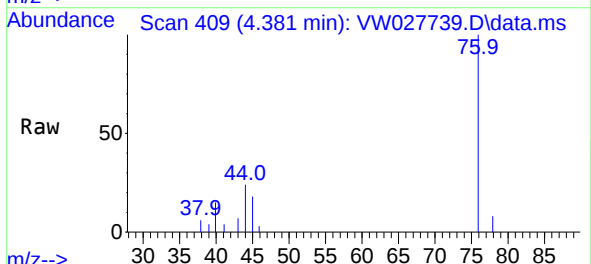
Instrument :
MSVOA_W
ClientSampleId :

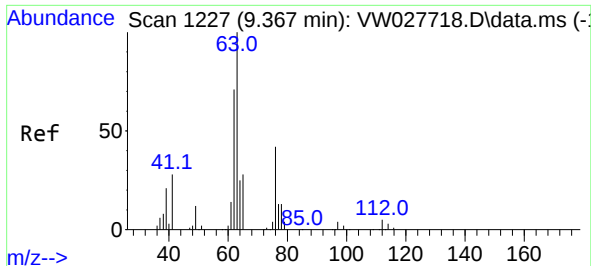
Tgt Ion: 43 Resp: 2856
Ion Ratio Lower Upper
43 100
58 19.9 0.0 68.6



#14
Carbon disulfide
Concen: 0.432 ug/L
RT: 4.381 min Scan# 409
Delta R.T. -0.000 min
Lab File: VW027739.D
Acq: 18 Dec 2023 18:42

Tgt Ion: 76 Resp: 4364
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.6





#37

1,2-Dichloropropane

Concen: 3.673 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW027739.D

Acq: 18 Dec 2023 18:42

Instrument :

MSVOA_W

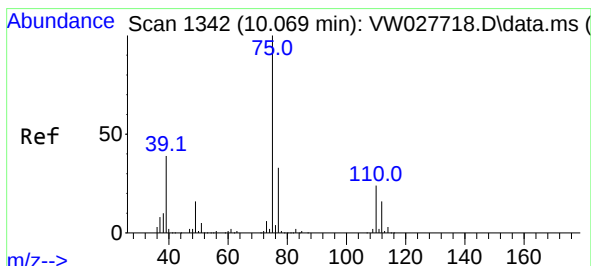
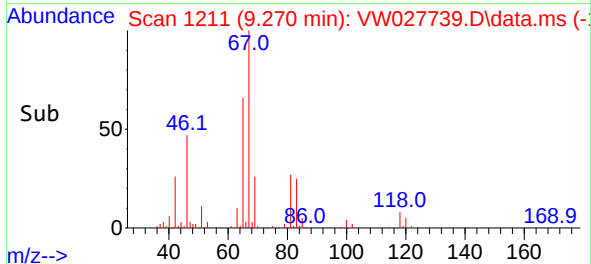
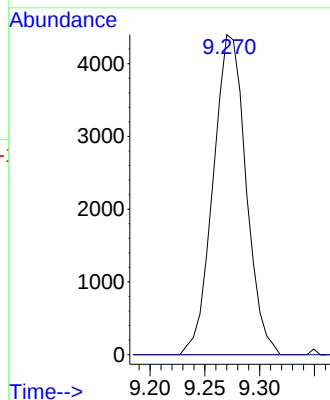
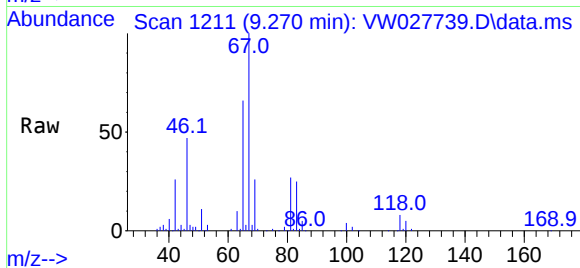
ClientSampleId :

Tgt Ion: 63 Resp: 9170

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.495 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW027739.D

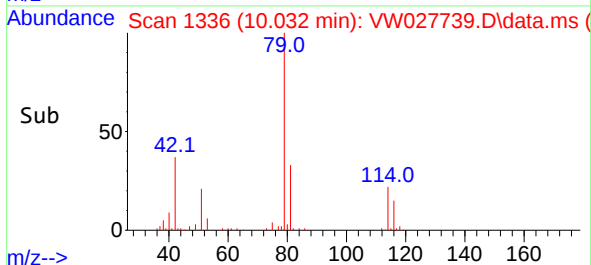
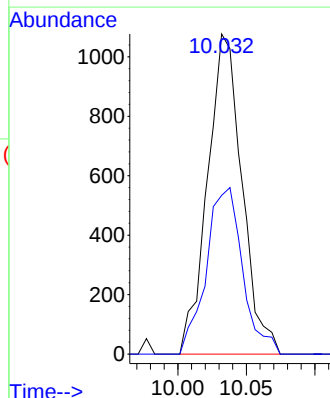
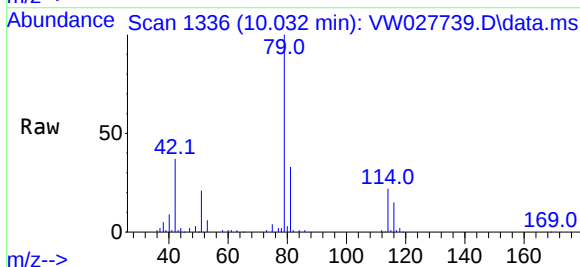
Acq: 18 Dec 2023 18:42

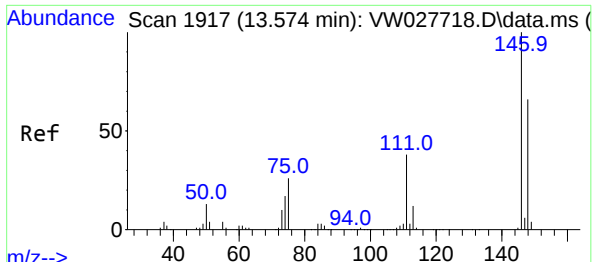
Tgt Ion: 75 Resp: 1885

Ion Ratio Lower Upper

75 100

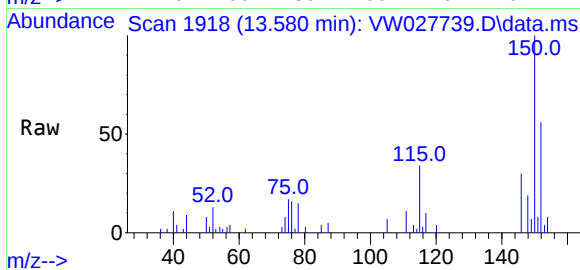
77 49.6 21.8 40.6#



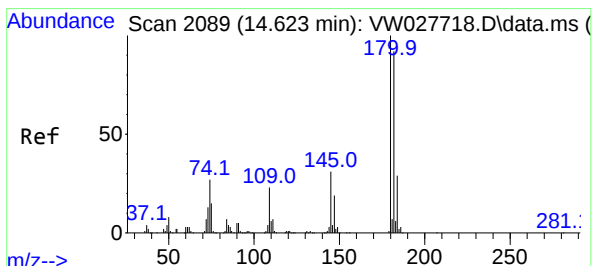
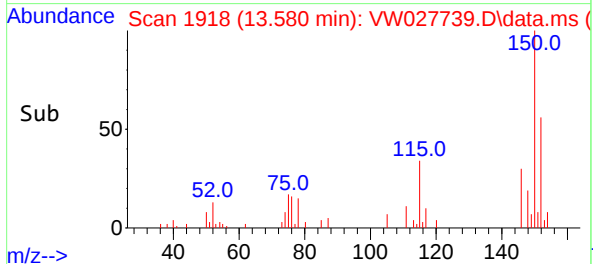
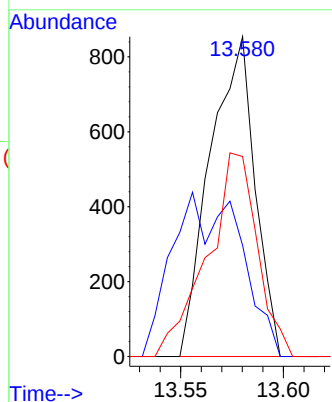


#65
1,4-Dichlorobenzene
Concen: 0.468 ug/L
RT: 13.580 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VW027739.D
Acq: 18 Dec 2023 18:42

Instrument :
MSVOA_W
ClientSampleId :

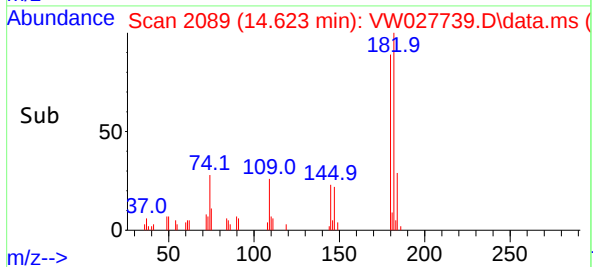
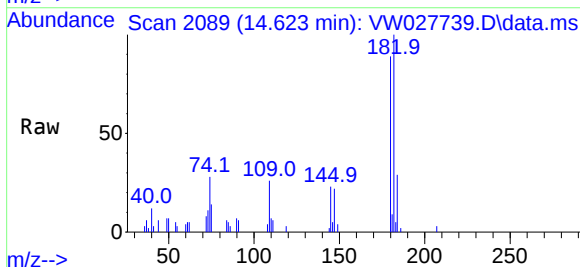
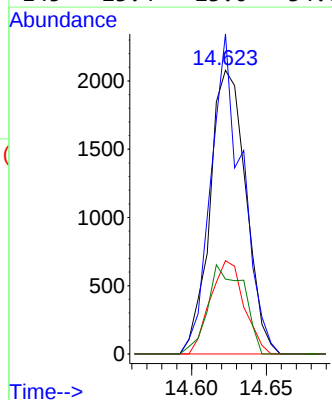


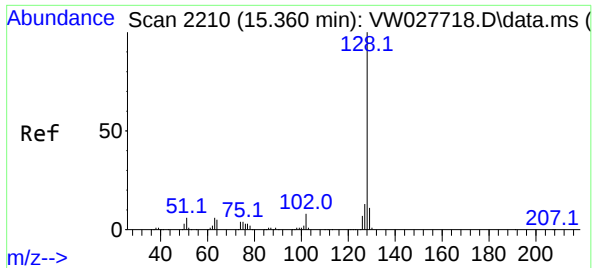
Tgt Ion:146 Resp: 1293
Ion Ratio Lower Upper
146 100
111 34.8 26.2 48.6
148 62.5 46.3 85.9



#69
1,3,5-Trichlorobenzene
Concen: 1.813 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VW027739.D
Acq: 18 Dec 2023 18:42

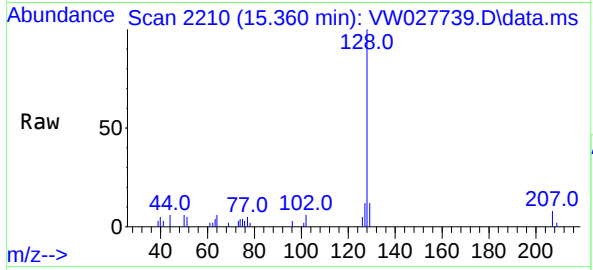
Tgt Ion:180 Resp: 3471
Ion Ratio Lower Upper
180 100
182 98.1 72.6 109.0
184 30.8 23.0 34.6
145 23.4 23.0 34.6





#71
Naphthalene
Concen: 1.925 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW027739.D
Acq: 18 Dec 2023 18:42

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	5365
Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.2	15.2
129	10.6	8.6	12.8

