

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102423\
 Data File : VW032618.D
 Acq On : 25 Oct 2023 03:00
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 08:38:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 25 08:15:09 2023
 Response via : Initial Calibration

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

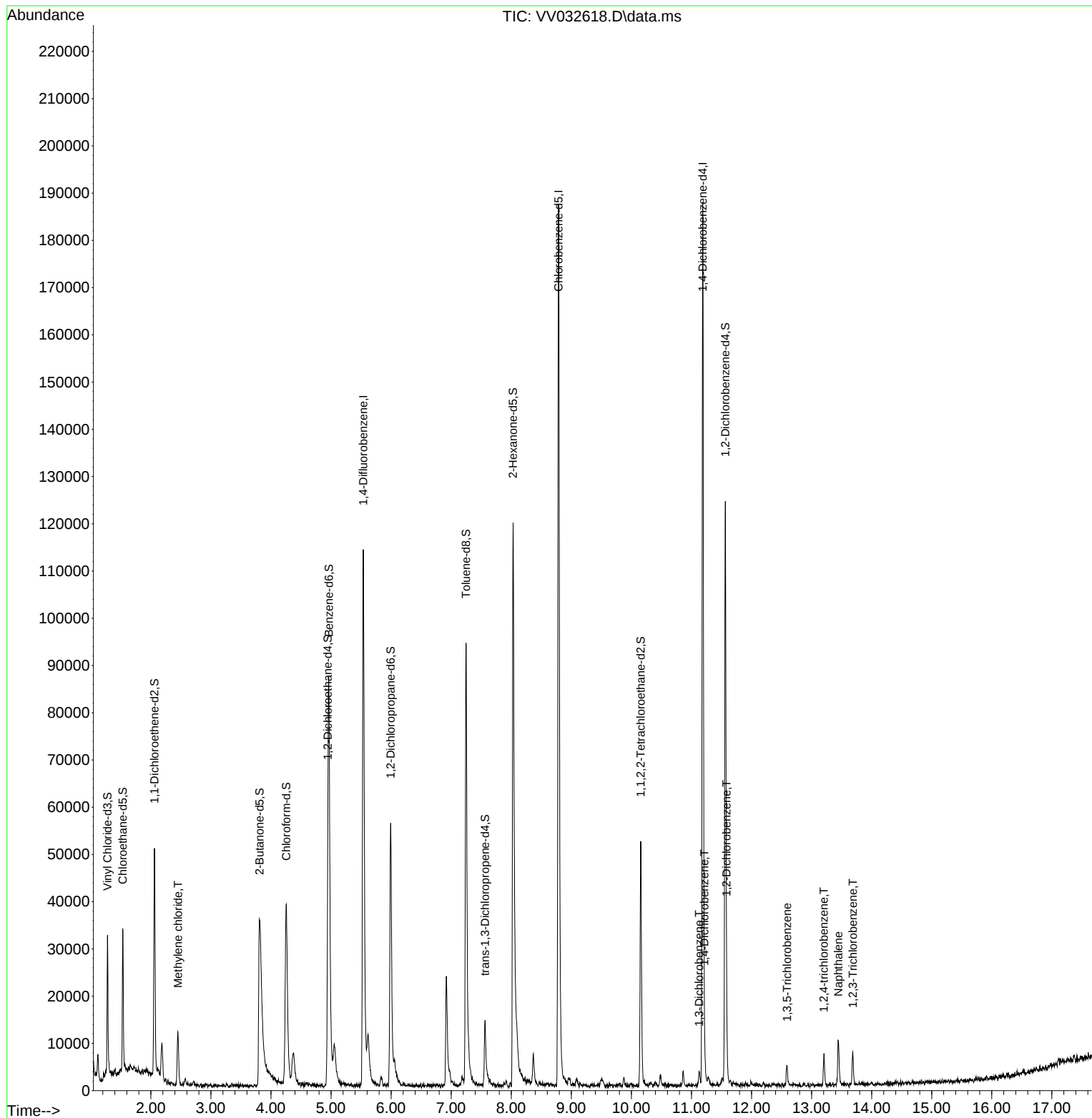
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	96370	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	107847	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	46922	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18305	2.336	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	46.800%
7) Chloroethane-d5	1.532	69	19145	3.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.200%#
11) 1,1-Dichloroethene-d2	2.060	65	8086	2.446	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	49.000%#
20) 2-Butanone-d5	3.809	46	57516	29.009	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.020%
24) Chloroform-d	4.253	84	40566	2.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.600%#
26) 1,2-Dichloroethane-d4	4.947	65	20713	3.163	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.200%#
32) Benzene-d6	4.963	84	76227	2.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	48.000%#
36) 1,2-Dichloropropane-d6	5.992	67	25370	2.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	48.200%#
41) Toluene-d8	7.246	98	67625	2.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	46.600%#
43) trans-1,3-Dichloroprop...	7.564	79	8912	2.392	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	47.800%#
46) 2-Hexanone-d5	8.030	63	44382	25.318	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	50.640%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	24281	3.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	66.000%
66) 1,2-Dichlorobenzene-d4	11.564	152	29570	3.396	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	68.000%#
Target Compounds						
					Qvalue	
16) Methylene chloride	2.452	84	4501	0.488	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	1250	0.072	ug/L	94
65) 1,4-Dichlorobenzene	11.217	146	1413	0.081	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	1446	0.091	ug/L	88
69) 1,3,5-Trichlorobenzene	12.590	180	1315	0.103	ug/L	92
70) 1,2,4-trichlorobenzene	13.204	180	1843	0.163	ug/L	99
71) Naphthalene	13.445	128	7570	0.394	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.686	180	1887	0.194	ug/L	97

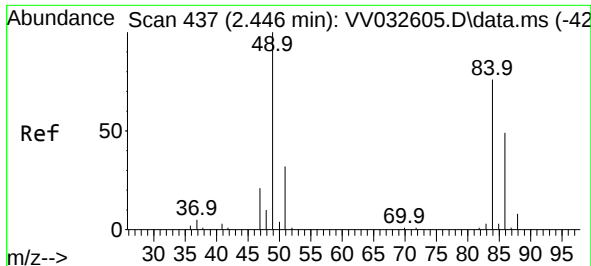
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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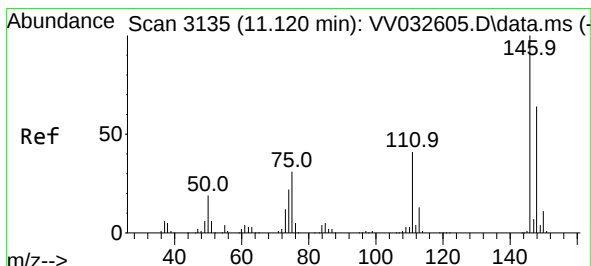
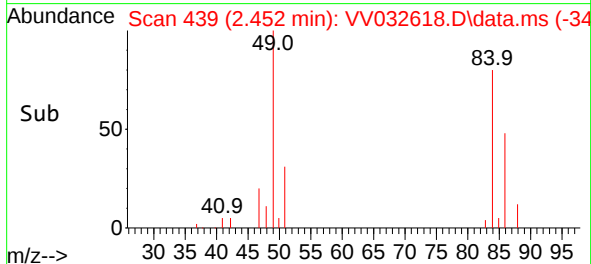
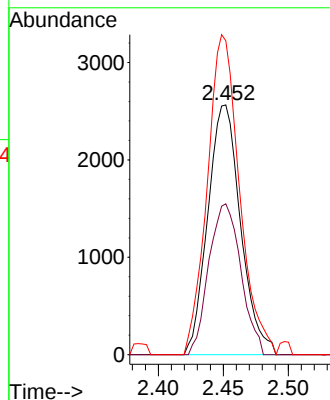
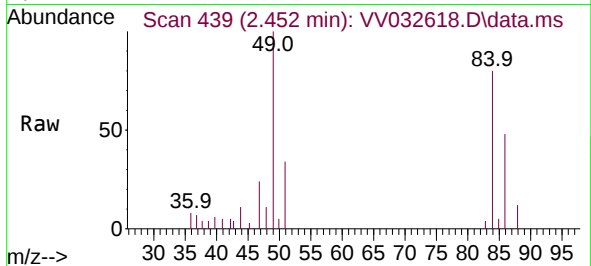




#16
Methylene chloride
Concen: 0.488 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV032618.D
Acq: 25 Oct 2023 03:00

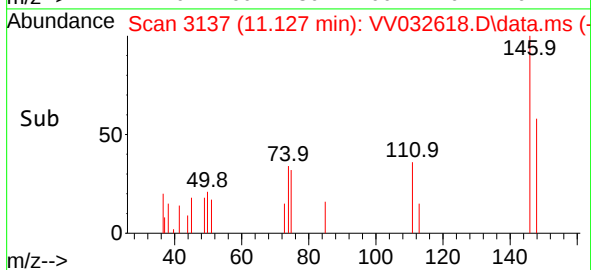
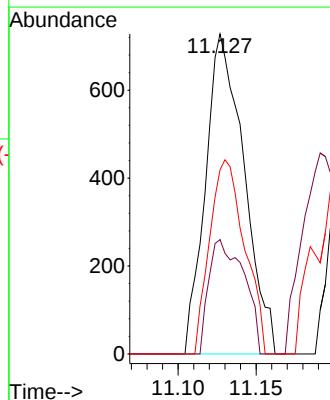
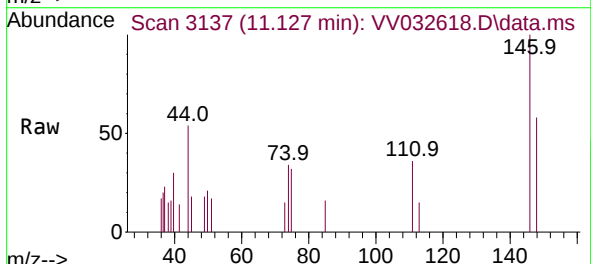
Instrument :
MSVOA_V
ClientSampleId :

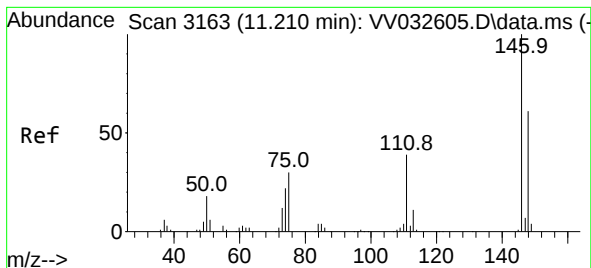
Tgt Ion: 84 Resp: 4501
Ion Ratio Lower Upper
84 100
86 60.5 43.2 80.2
49 125.7 86.3 160.3



#64
1,3-Dichlorobenzene
Concen: 0.072 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.006 min
Lab File: VV032618.D
Acq: 25 Oct 2023 03:00

Tgt Ion:146 Resp: 1250
Ion Ratio Lower Upper
146 100
111 35.7 27.8 51.6
148 57.6 43.7 81.1





#65

1,4-Dichlorobenzene

Concen: 0.081 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VV032618.D

Acq: 25 Oct 2023 03:00

Instrument :

MSVOA_V

ClientSampleId :

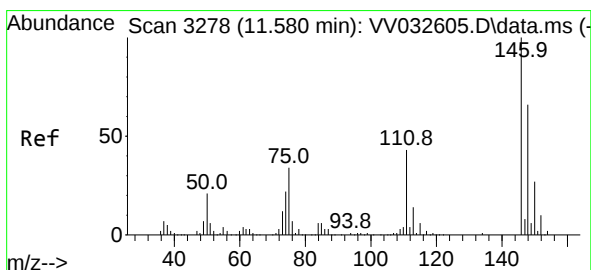
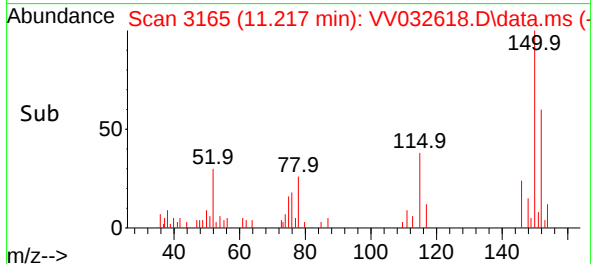
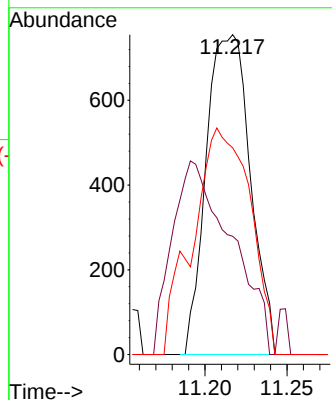
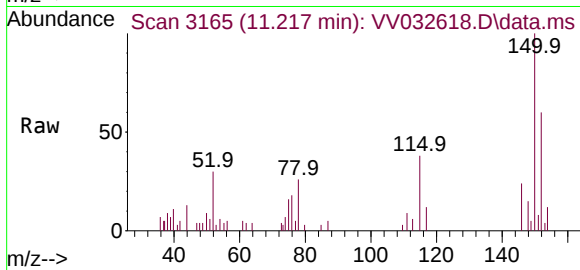
Tgt Ion:146 Resp: 1413

Ion Ratio Lower Upper

146 100

111 37.0 26.9 49.9

148 64.6 44.8 83.2



#67

1,2-Dichlorobenzene

Concen: 0.091 ug/L

RT: 11.583 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VV032618.D

Acq: 25 Oct 2023 03:00

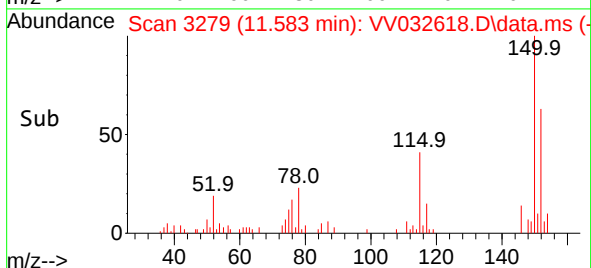
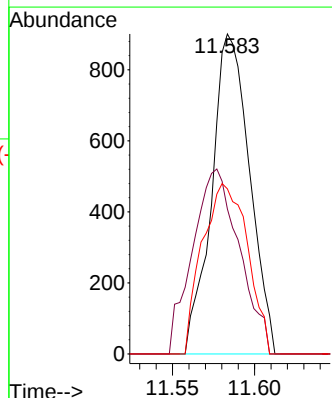
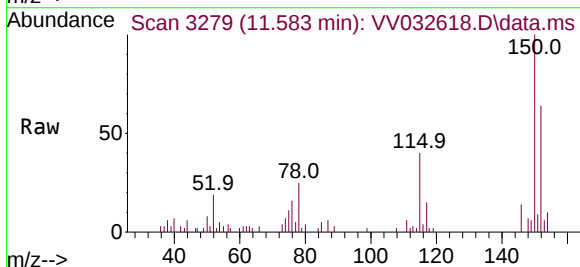
Tgt Ion:146 Resp: 1446

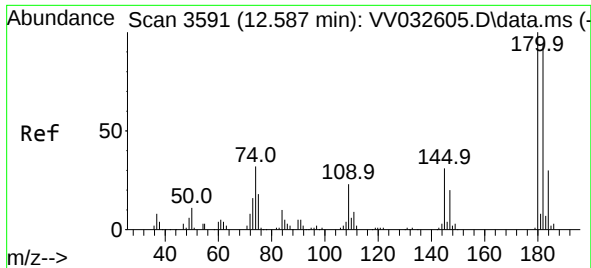
Ion Ratio Lower Upper

146 100

111 45.3 32.8 49.2

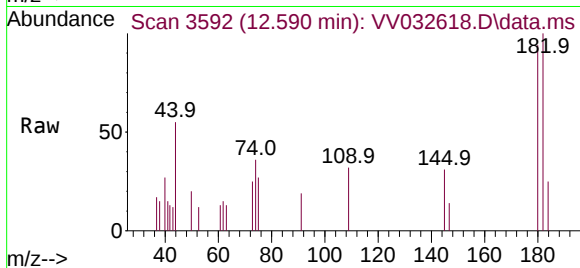
148 51.6 51.0 76.4



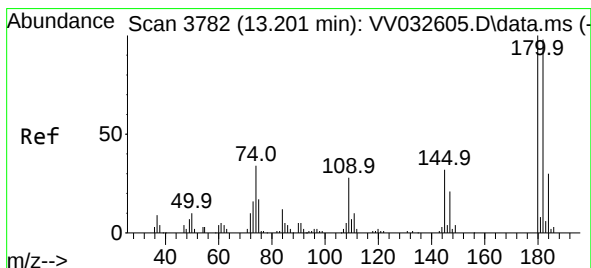
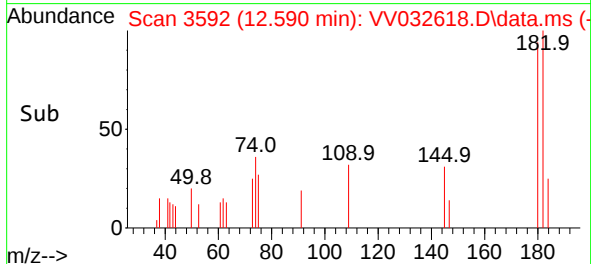
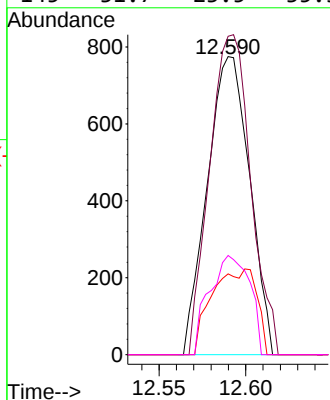


#69
 1,3,5-Trichlorobenzene
 Concen: 0.103 ug/L
 RT: 12.590 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV032618.D
 Acq: 25 Oct 2023 03:00

Instrument :
 MSVOA_V
 ClientSampleId :

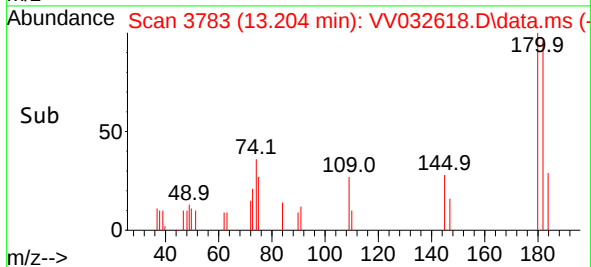
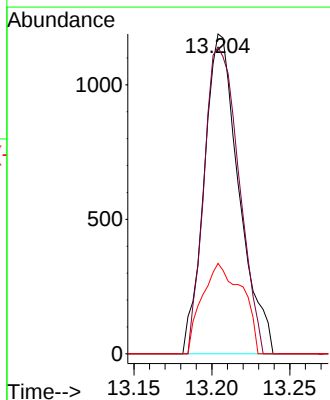
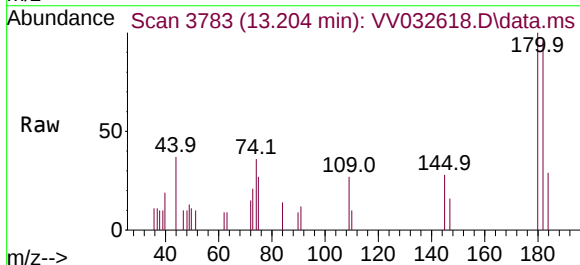


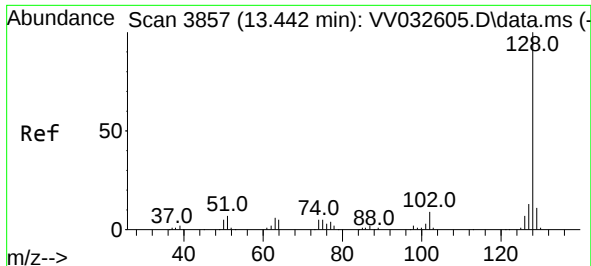
Tgt Ion:180	Resp:	1315	
Ion	Ratio	Lower	Upper
180	100		
182	104.4	74.6	112.0
184	30.6	24.1	36.1
145	31.7	23.5	35.3



#70
 1,2,4-trichlorobenzene
 Concen: 0.163 ug/L
 RT: 13.204 min Scan# 3783
 Delta R.T. 0.003 min
 Lab File: VV032618.D
 Acq: 25 Oct 2023 03:00

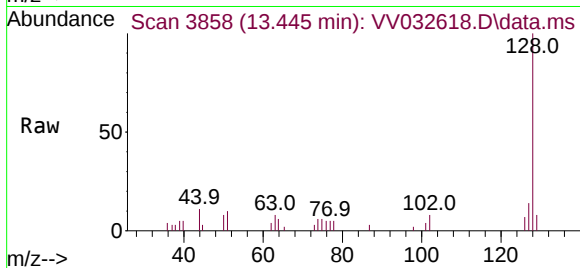
Tgt Ion:180	Resp:	1843	
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.5	114.7
145	32.4	24.3	36.5



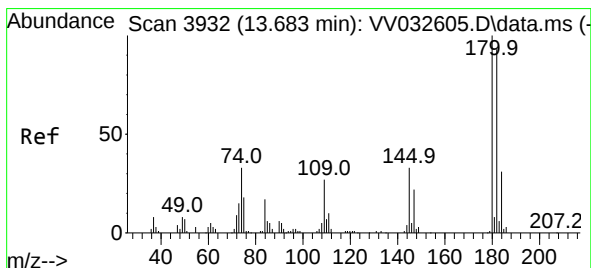
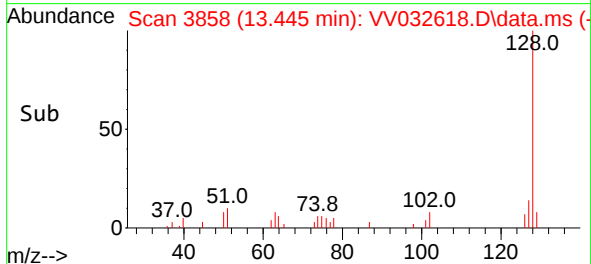
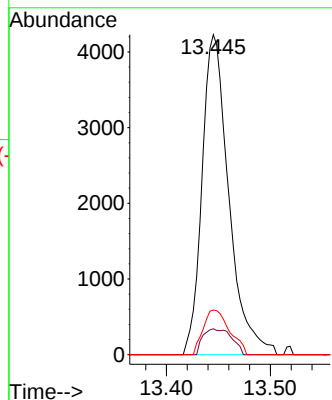


#71
Naphthalene
Concen: 0.394 ug/L
RT: 13.445 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV032618.D
Acq: 25 Oct 2023 03:00

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 7570
Ion Ratio Lower Upper
128 100
129 8.6 9.0 13.4#
127 13.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 0.194 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.003 min
Lab File: VV032618.D
Acq: 25 Oct 2023 03:00

Tgt Ion:180 Resp: 1887
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.4
145 38.0 25.7 38.5

