

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011724\
 Data File : VV033723.D
 Acq On : 17 Jan 2024 16:55
 Operator : SY/MD
 Sample : P1143-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 18 00:07:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 00:02:20 2024
 Response via : Initial Calibration

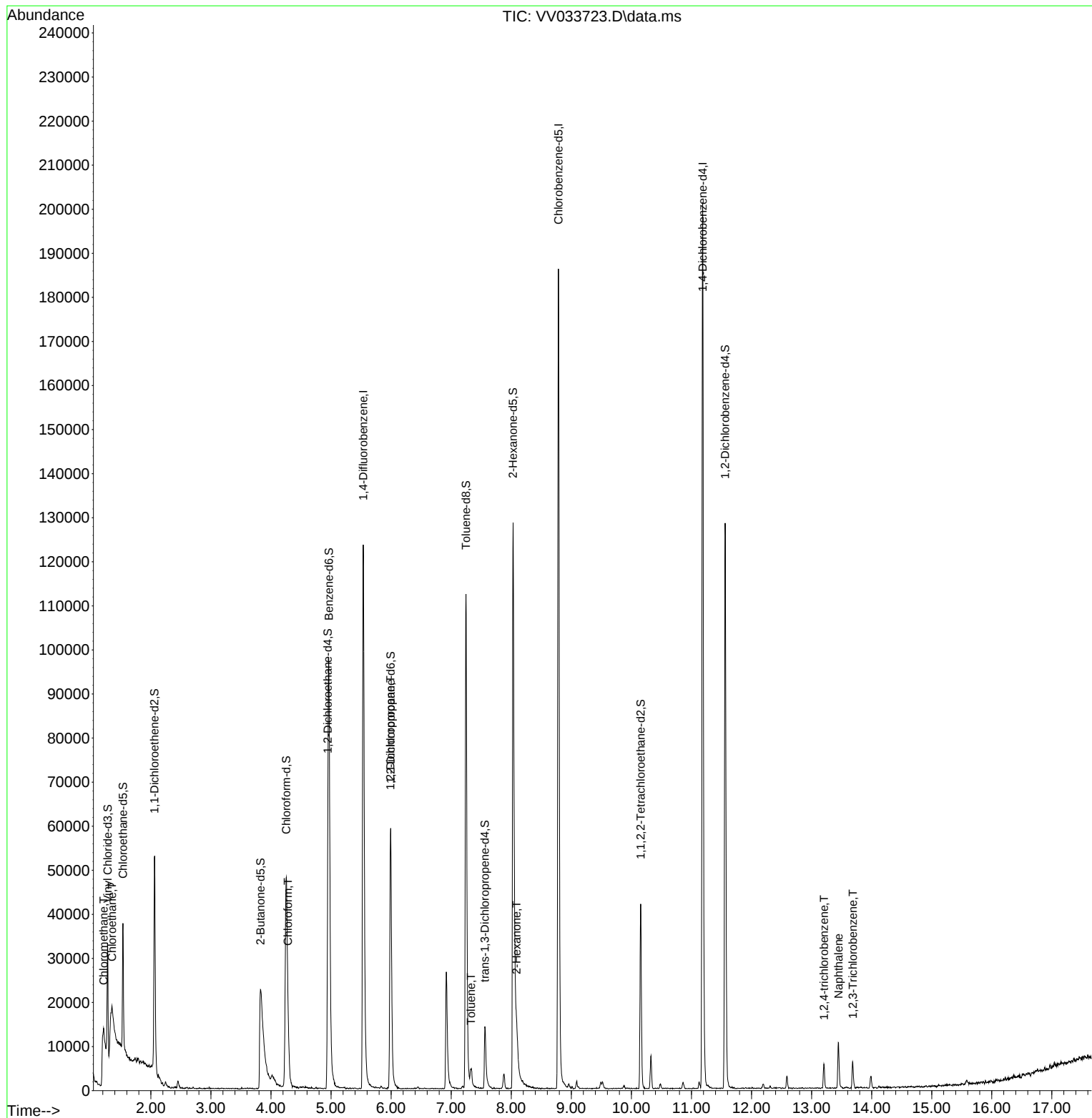
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	106901	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	100454	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	51937	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	16068	2.749	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.000%
7) Chloroethane-d5	1.536	69	17738	3.421	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.400%
11) 1,1-Dichloroethene-d2	2.060	65	8439	3.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.825	46	64447	45.091	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.180%
24) Chloroform-d	4.253	84	48910	3.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	4.947	65	24314	4.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	4.963	84	88334	3.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.800%
36) 1,2-Dichloropropane-d6	5.992	67	29493	3.650	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.000%
41) Toluene-d8	7.246	98	76333	3.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	7.561	79	10176	3.642	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.800%
46) 2-Hexanone-d5	8.031	63	49691	45.303	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.600%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	21173	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	32592	4.087	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1137	0.097	ug/L #	72
8) Chloroethane	1.352	64	34396	5.093	ug/L #	49
25) Chloroform	4.281	83	9283	0.598	ug/L	98
37) 1,2-Dichloropropane	5.989	63	3376	0.381	ug/L #	87
42) Toluene	7.330	91	3852	0.102	ug/L	97
48) 2-Hexanone	8.088	43	8681	2.910	ug/L #	49
70) 1,2,4-trichlorobenzene	13.207	180	2066	0.176	ug/L	98
71) Naphthalene	13.448	128	9036	0.461	ug/L	97
72) 1,2,3-Trichlorobenzene	13.686	180	2241	0.238	ug/L	98

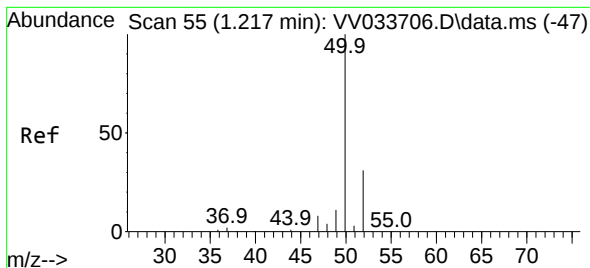
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 18 00:02:20 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.097 ug/L

RT: 1.217 min Scan# 50

Delta R.T. -0.000 min

Lab File: VV033723.D

Acq: 17 Jan 2024 16:55

Instrument :

MSVOA_V

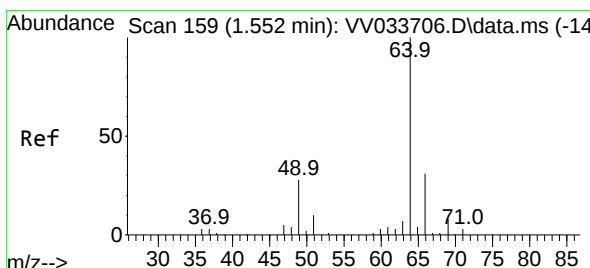
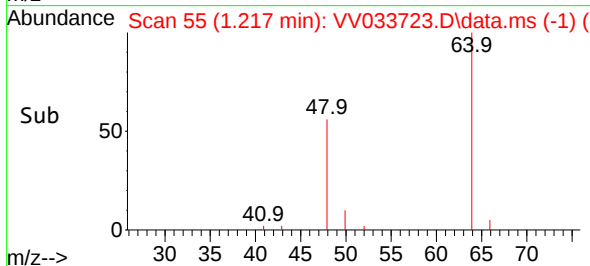
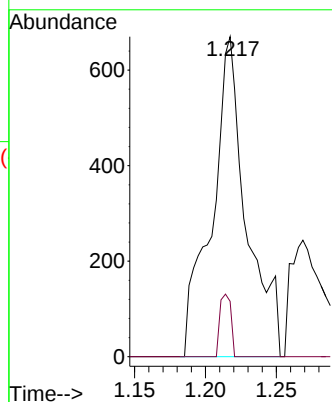
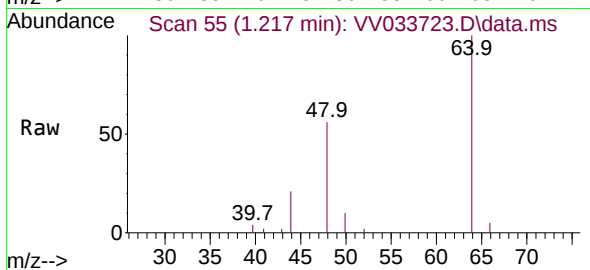
ClientSampleId :

Tgt Ion: 50 Resp: 1137

Ion Ratio Lower Upper

50 100

52 17.3 23.1 42.9#



#8

Chloroethane

Concen: 5.093 ug/L

RT: 1.352 min Scan# 97

Delta R.T. -0.199 min

Lab File: VV033723.D

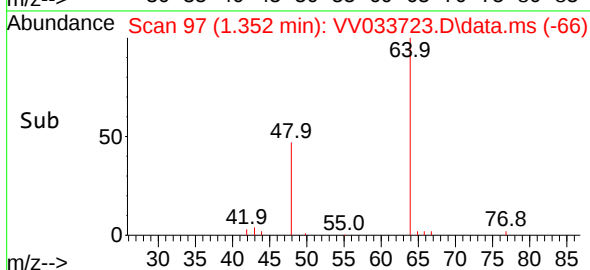
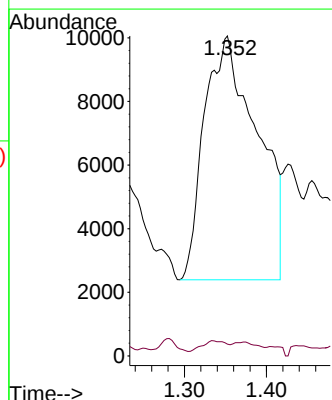
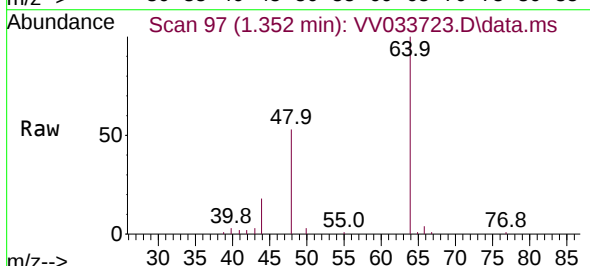
Acq: 17 Jan 2024 16:55

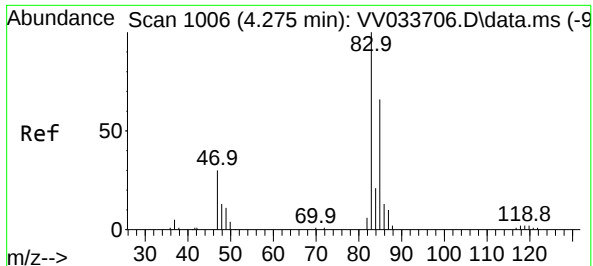
Tgt Ion: 64 Resp: 34396

Ion Ratio Lower Upper

64 100

66 3.7 22.6 42.0#





#25

Chloroform

Concen: 0.598 ug/L

RT: 4.281 min Scan# 1006

Delta R.T. 0.006 min

Lab File: VV033723.D

Acq: 17 Jan 2024 16:55

Instrument :

MSVOA_V

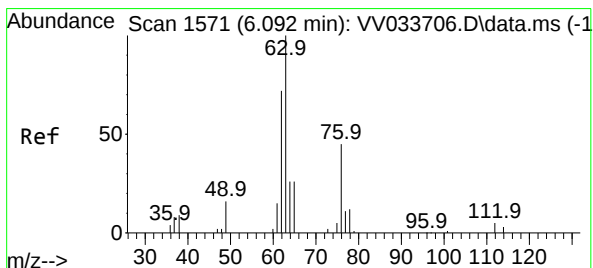
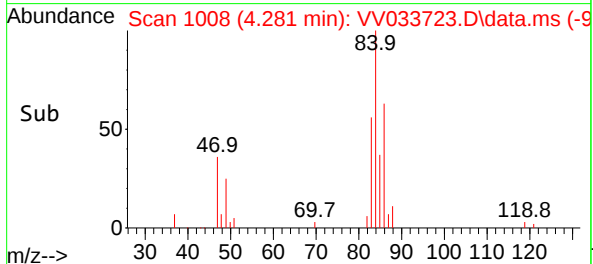
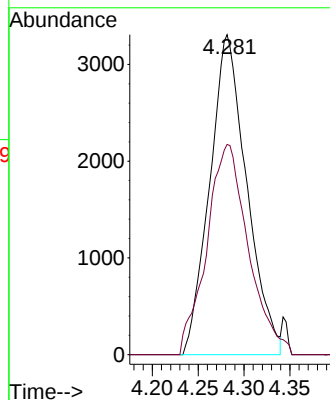
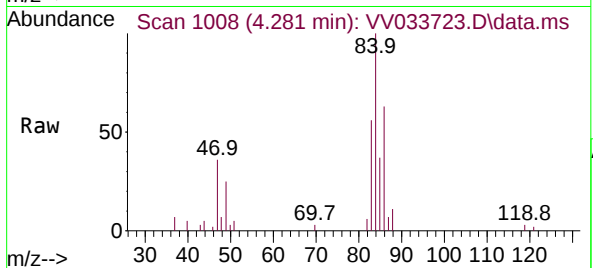
ClientSampleId :

Tgt Ion: 83 Resp: 9283

Ion Ratio Lower Upper

83 100

85 65.7 45.1 83.9



#37

1,2-Dichloropropane

Concen: 0.381 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.103 min

Lab File: VV033723.D

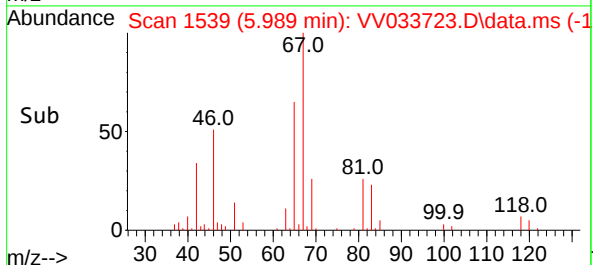
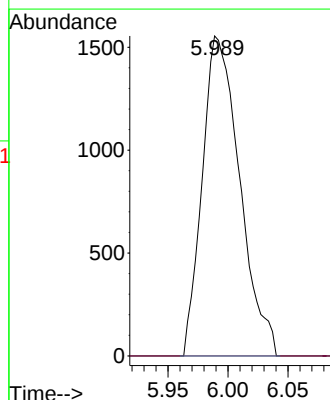
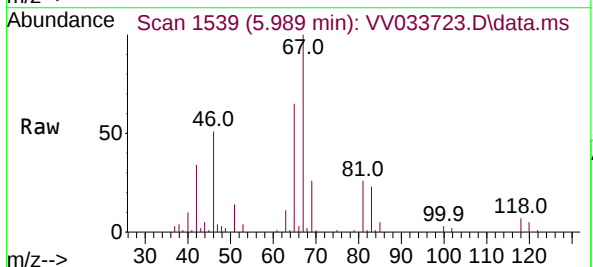
Acq: 17 Jan 2024 16:55

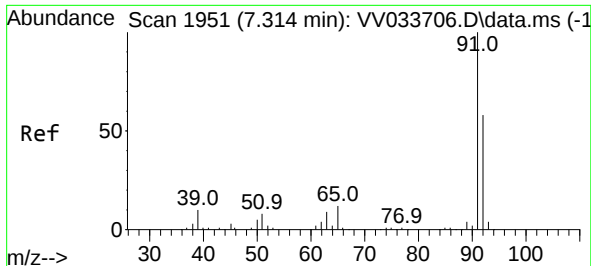
Tgt Ion: 63 Resp: 3376

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#42

Toluene

Concen: 0.102 ug/L

RT: 7.330 min Scan# 1951

Delta R.T. 0.016 min

Lab File: VV033723.D

Acq: 17 Jan 2024 16:55

Instrument :

MSVOA_V

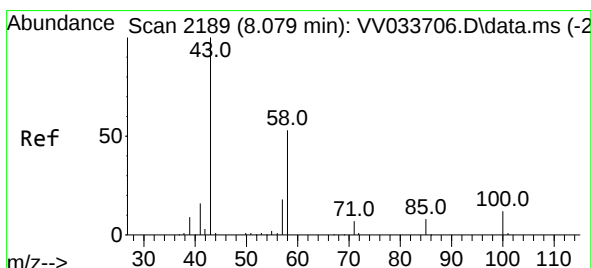
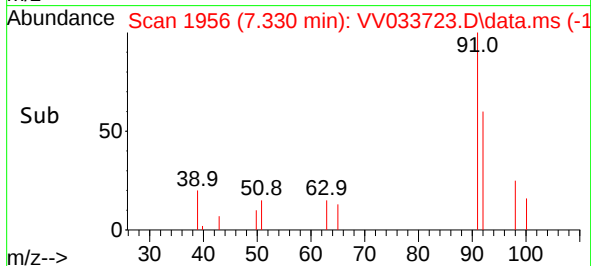
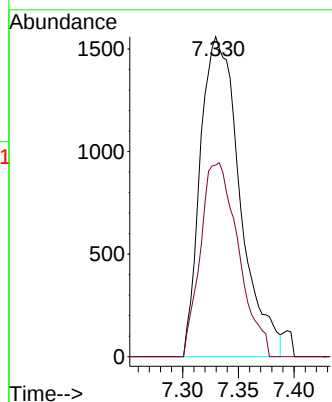
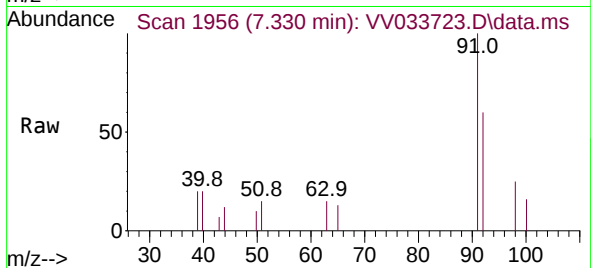
ClientSampleId :

Tgt Ion: 91 Resp: 3852

Ion Ratio Lower Upper

91 100

92 59.9 40.5 75.3



#48

2-Hexanone

Concen: 2.910 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.010 min

Lab File: VV033723.D

Acq: 17 Jan 2024 16:55

Tgt Ion: 43 Resp: 8681

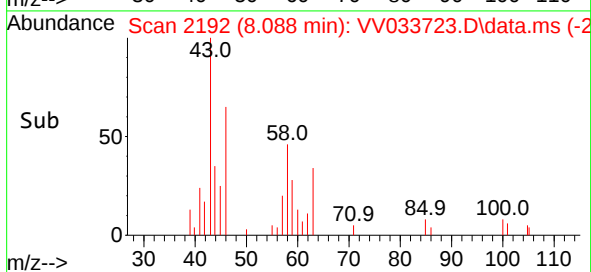
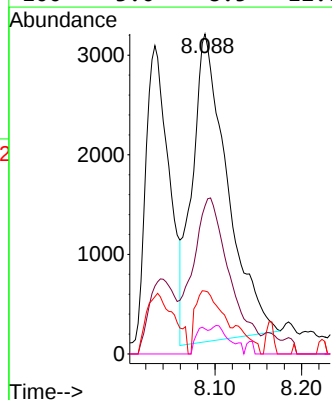
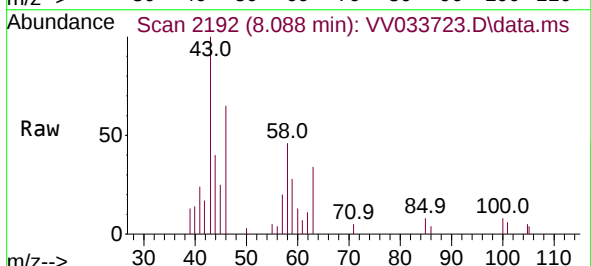
Ion Ratio Lower Upper

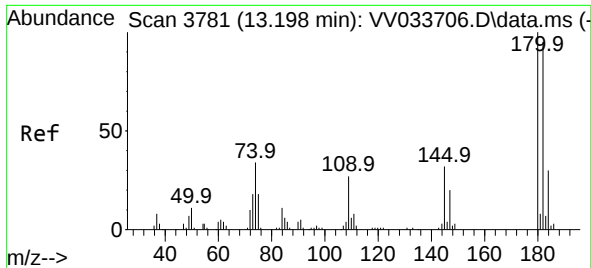
43 100

58 0.0 40.6 61.0#

57 15.9 13.8 20.8

100 3.0 8.5 12.7#

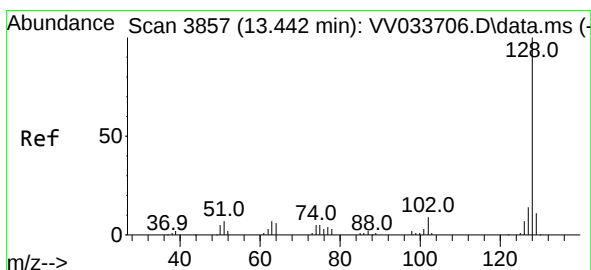
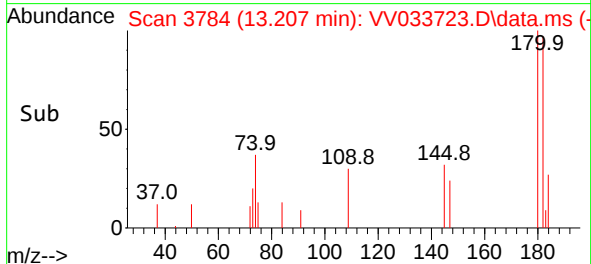
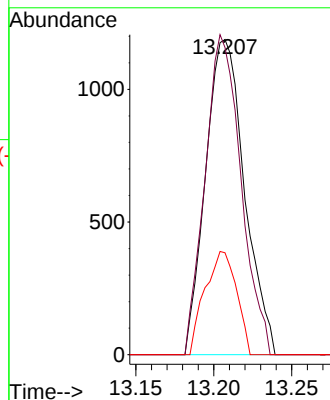
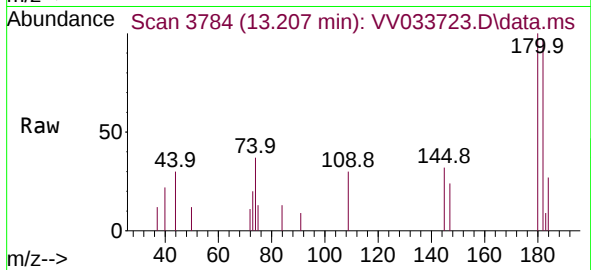




#70
1,2,4-trichlorobenzene
Concen: 0.176 ug/L
RT: 13.207 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV033723.D
Acq: 17 Jan 2024 16:55

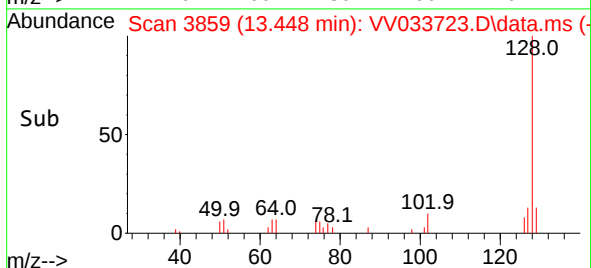
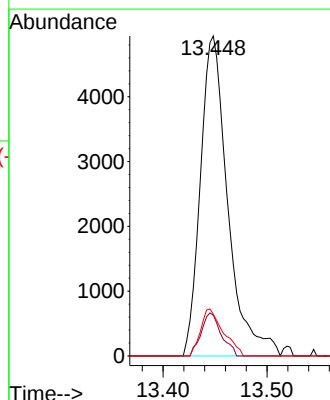
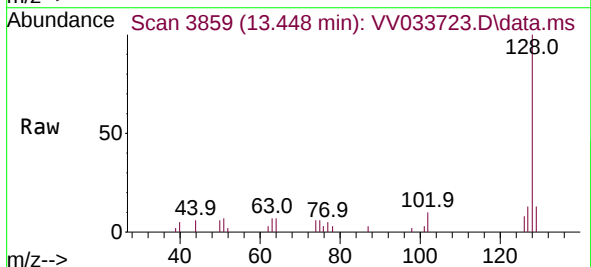
Instrument :
MSVOA_V
ClientSampleId :

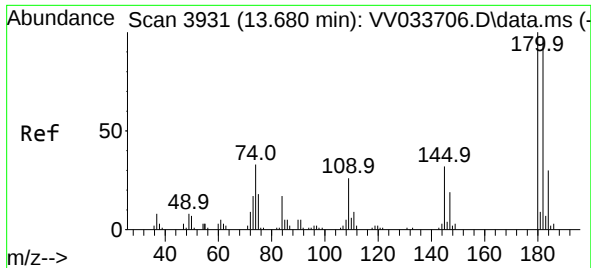
Tgt Ion:180 Resp: 2066
Ion Ratio Lower Upper
180 100
182 93.5 75.0 112.6
145 26.5 24.8 37.2



#71
Naphthalene
Concen: 0.461 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.006 min
Lab File: VV033723.D
Acq: 17 Jan 2024 16:55

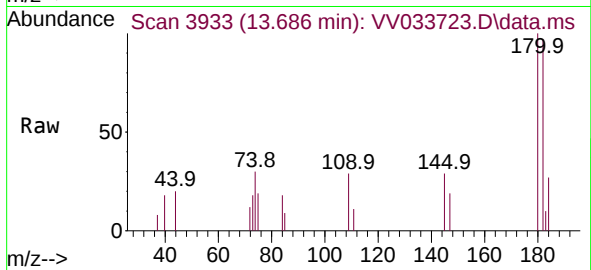
Tgt Ion:128 Resp: 9036
Ion Ratio Lower Upper
128 100
129 9.9 8.8 13.2
127 12.1 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.238 ug/L
 RT: 13.686 min Scan# 3933
 Delta R.T. 0.006 min
 Lab File: VV033723.D
 Acq: 17 Jan 2024 16:55

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	2241
Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.0	112.6
145	31.1	26.6	40.0

