

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
 Data File : VV030425.D
 Acq On : 06 Apr 2023 18:10
 Operator : SY/MD
 Sample : 02225-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD4

Quant Time: Apr 07 04:52:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

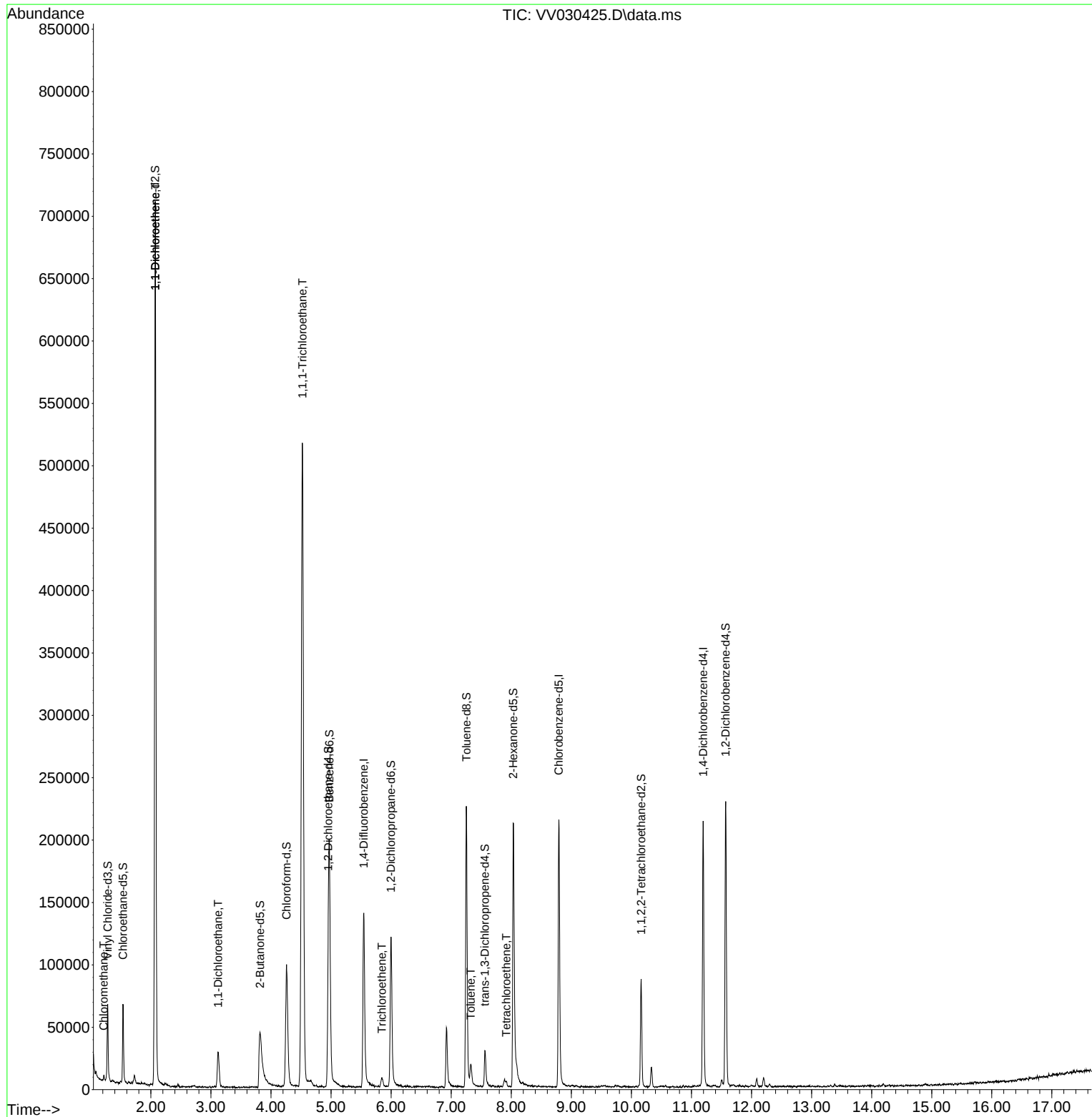
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	118868	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	117463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58263	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	37368	4.747	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.536	69	39480	5.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.400%
11) 1,1-Dichloroethene-d2	2.072	63	171052	9.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	183.200%#
20) 2-Butanone-d5	3.818	46	96081	47.218	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.440%
24) Chloroform-d	4.259	84	97690	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	4.953	65	49369	5.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	4.973	84	173880	5.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	5.998	67	54875	5.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.252	98	149140	4.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	7.561	79	17688	4.533	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.034	63	73567	46.923	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.840%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	38918	4.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.570	152	58835	5.650	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2906	0.152	ug/L	91
12) 1,1-Dichloroethene	2.076	96	180233	18.147	ug/L #	77
19) 1,1-Dichloroethane	3.121	63	28695	1.415	ug/L	99
29) 1,1,1-Trichloroethane	4.523	97	422324	22.369	ug/L	99
34) Trichloroethene	5.847	95	2382	0.212	ug/L	94
42) Toluene	7.326	91	11524	0.259	ug/L	100
47) Tetrachloroethene	7.918	164	1072	0.108	ug/L	91

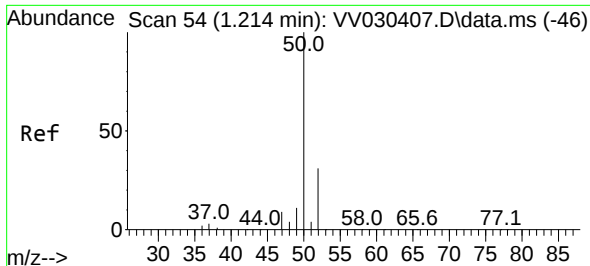
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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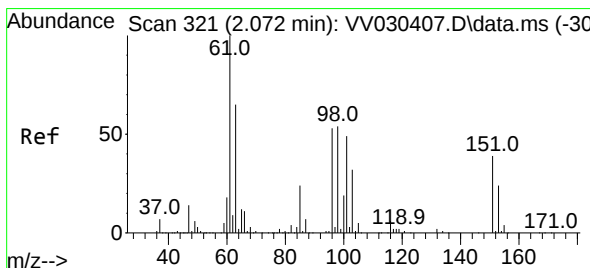
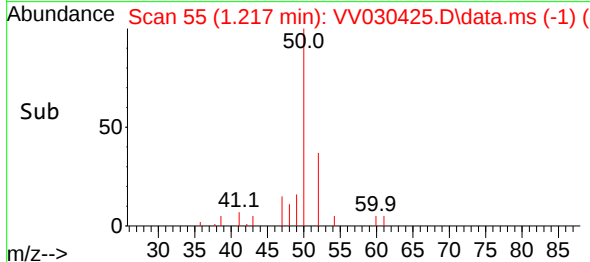
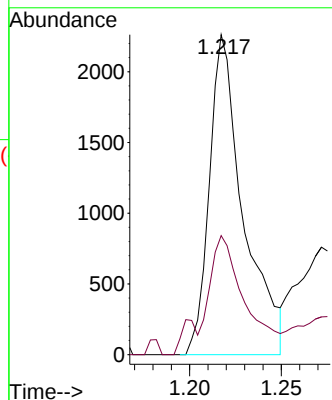
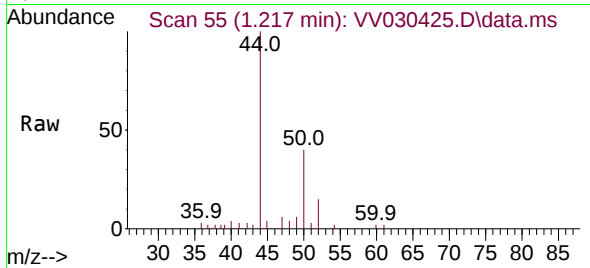




#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030425.D
Acq: 06 Apr 2023 18:10

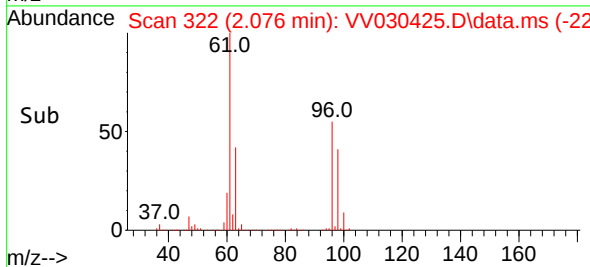
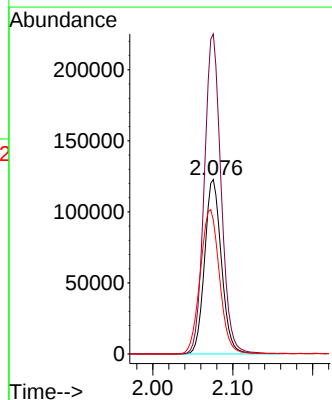
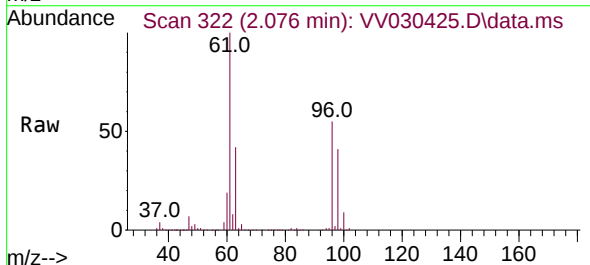
Instrument :
MSVOA_V
ClientSampleId :
C0AD4

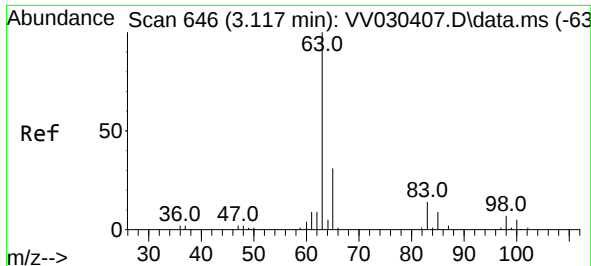
Tgt Ion: 50 Resp: 2906
Ion Ratio Lower Upper
50 100
52 37.2 22.3 41.5



#12
1,1-Dichloroethene
Concen: 18.147 ug/L
RT: 2.076 min Scan# 322
Delta R.T. -0.000 min
Lab File: VV030425.D
Acq: 06 Apr 2023 18:10

Tgt Ion: 96 Resp: 180233
Ion Ratio Lower Upper
96 100
61 183.4 136.3 253.1
63 76.8 92.1 171.1#





#19

1,1-Dichloroethane

Concen: 1.415 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV030425.D

Acq: 06 Apr 2023 18:10

Instrument :

MSVOA_V

ClientSampleId :

C0AD4

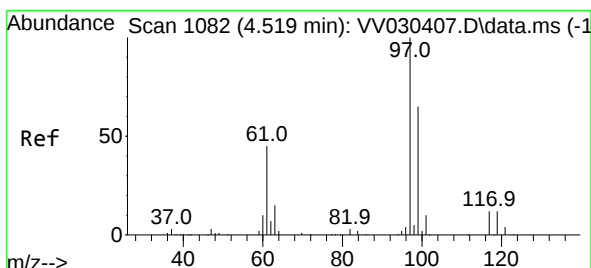
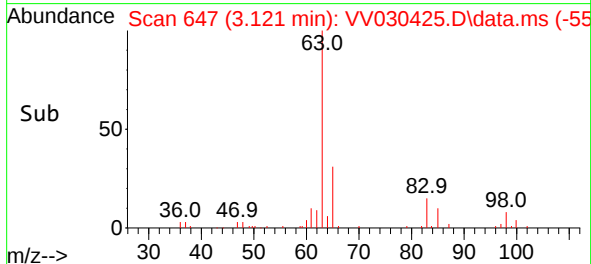
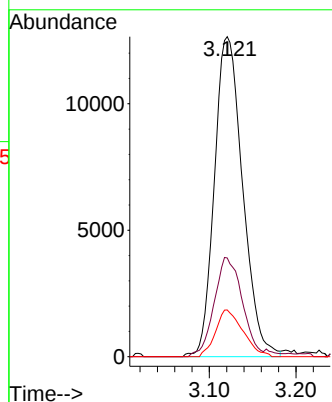
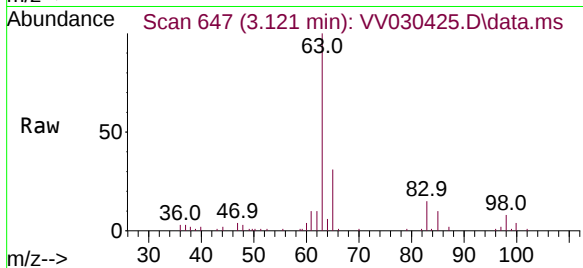
Tgt Ion: 63 Resp: 28695

Ion Ratio Lower Upper

63 100

65 30.9 21.7 40.3

83 14.6 9.1 16.9



#29

1,1,1-Trichloroethane

Concen: 22.369 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. -0.000 min

Lab File: VV030425.D

Acq: 06 Apr 2023 18:10

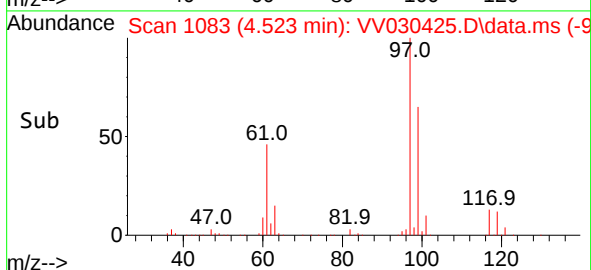
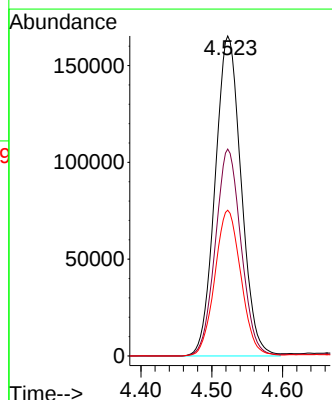
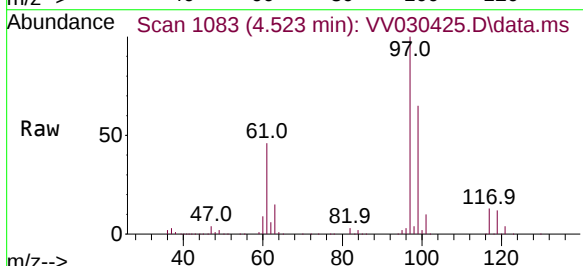
Tgt Ion: 97 Resp: 422324

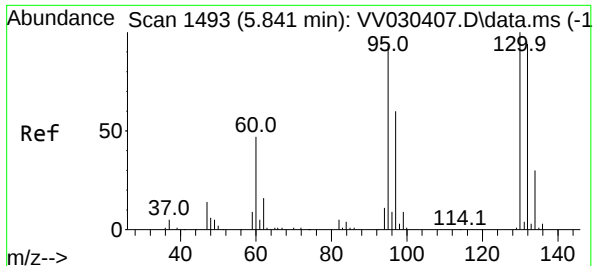
Ion Ratio Lower Upper

97 100

99 64.0 50.9 76.3

61 45.7 35.9 53.9



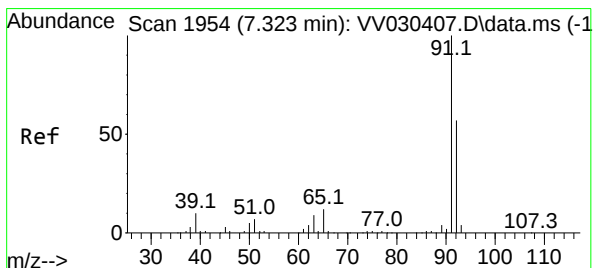
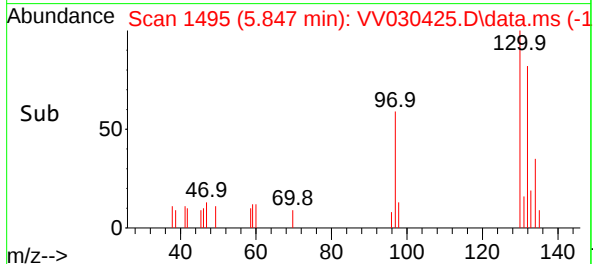
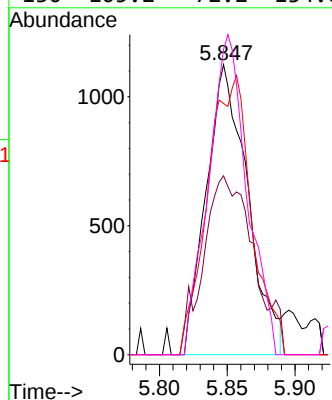
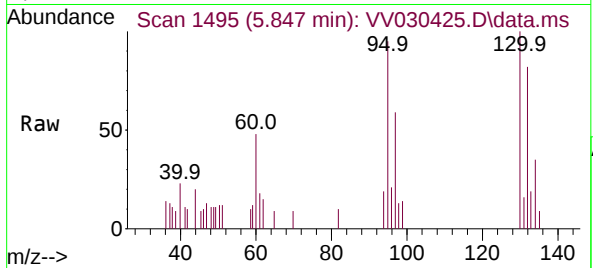


#34
 Trichloroethene
 Concen: 0.212 ug/L
 RT: 5.847 min Scan# 1495
 Delta R.T. 0.006 min
 Lab File: VV030425.D
 Acq: 06 Apr 2023 18:10

Instrument :
 MSVOA_V
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Tgt Ion: 95 Resp: 2382

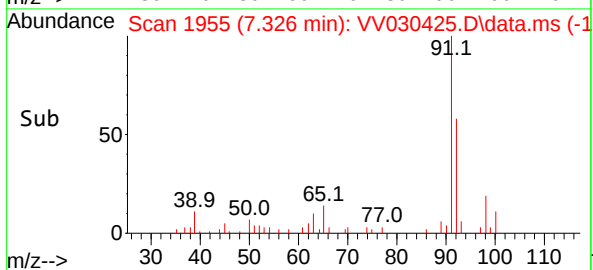
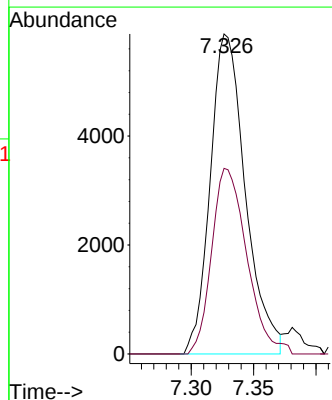
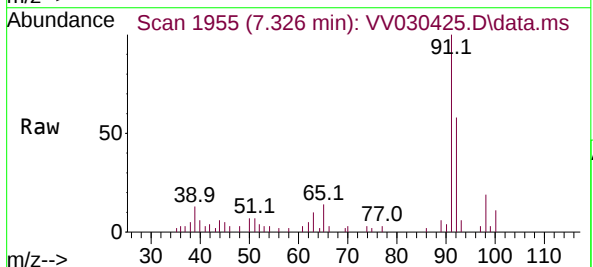
Ion	Ratio	Lower	Upper
95	100		
97	61.7	44.2	82.2
132	86.6	69.5	129.1
130	105.2	72.2	134.0

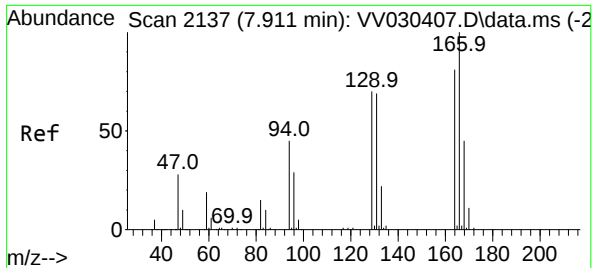


#42
 Toluene
 Concen: 0.259 ug/L
 RT: 7.326 min Scan# 1955
 Delta R.T. 0.003 min
 Lab File: VV030425.D
 Acq: 06 Apr 2023 18:10

Tgt Ion: 91 Resp: 11524

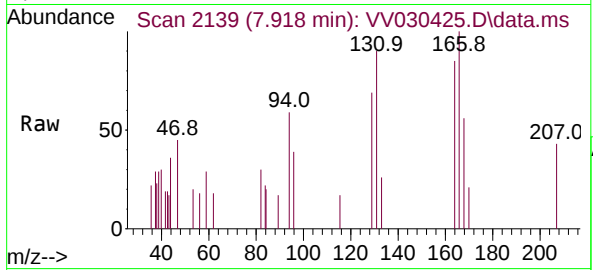
Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.4	75.0





#47
 Tetrachloroethene
 Concen: 0.108 ug/L
 RT: 7.918 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV030425.D
 Acq: 06 Apr 2023 18:10

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD4



Tgt Ion:	164	Resp:	1072
Ion	Ratio	Lower	Upper
164	100		
129	80.7	60.8	112.8
131	105.7	61.7	114.7
166	117.6	85.6	159.0

