

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
 Data File : VV030439.D
 Acq On : 07 Apr 2023 13:41
 Operator : SY/MD
 Sample : 02225-07DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD4DL

Quant Time: Apr 10 03:56:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

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

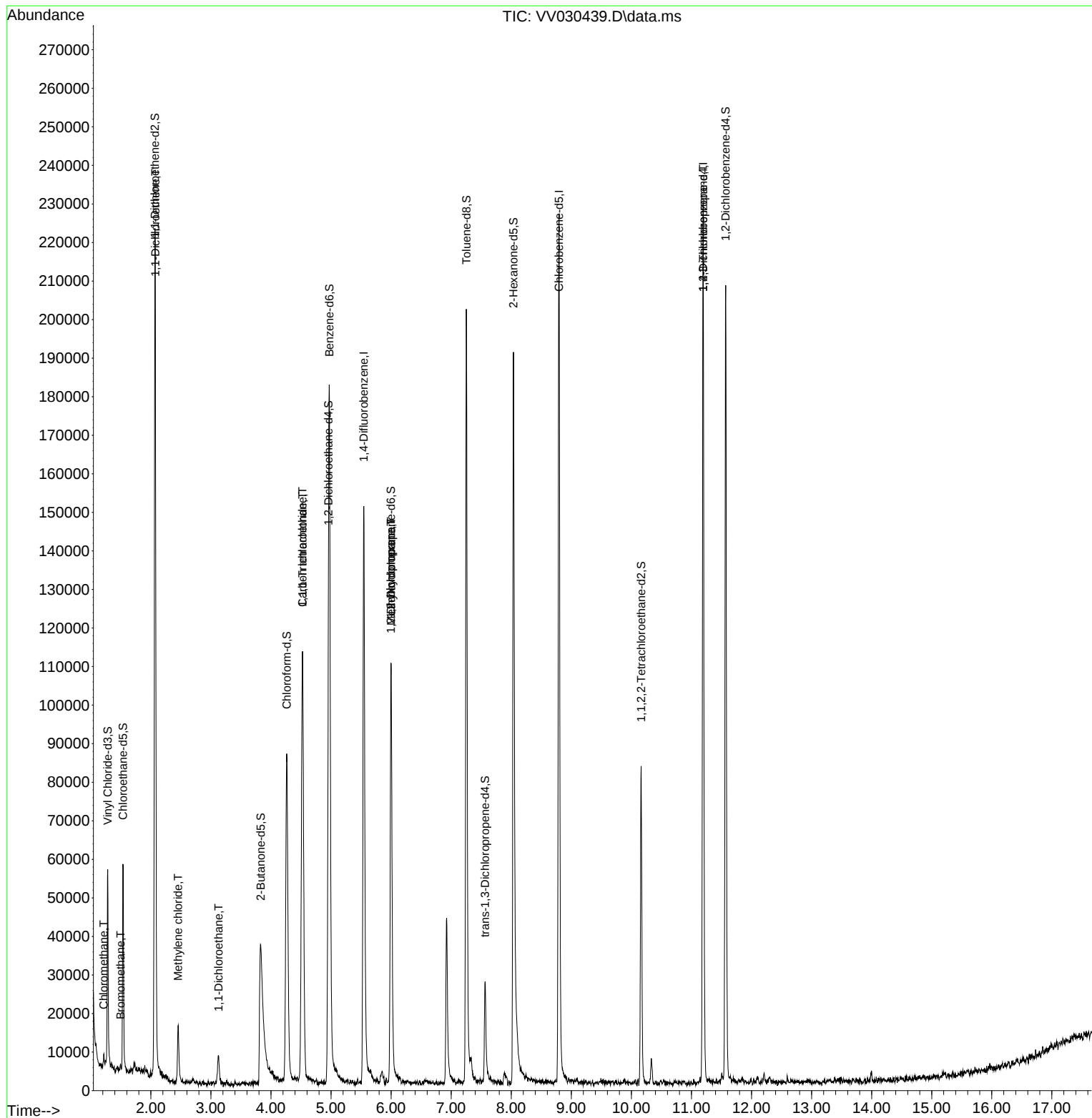
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	127435	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	123436	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	33092	3.921	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.535	69	34968	4.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.066	63	84403	4.214	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	3.828	46	89153	40.868	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.740%
24) Chloroform-d	4.262	84	89162	4.365	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	4.957	65	44407	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	4.973	84	157451	4.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	5.998	67	48618	4.465	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.252	98	134658	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.564	79	16340	3.985	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.037	63	68449	41.546	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.100%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	36483	4.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	53133	4.823	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2733	0.134	ug/L	89
6) Bromomethane	1.494	94	385	0.091	ug/L	97
12) 1,1-Dichloroethene	2.076	96	40904	3.842	ug/L	93
16) Methylene chloride	2.455	84	5834	0.463	ug/L	85
19) 1,1-Dichloroethane	3.127	63	6848	0.315	ug/L	98
29) 1,1,1-Trichloroethane	4.526	97	93768	4.726	ug/L	99
31) Carbon tetrachloride	4.526	117	11509	0.639	ug/L	97
35) Methylcyclohexane	6.002	83	13222	0.712	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	6350	0.564	ug/L #	85
61) 1,2,3-Trichloropropane	11.194	75	6758	1.226	ug/L #	62

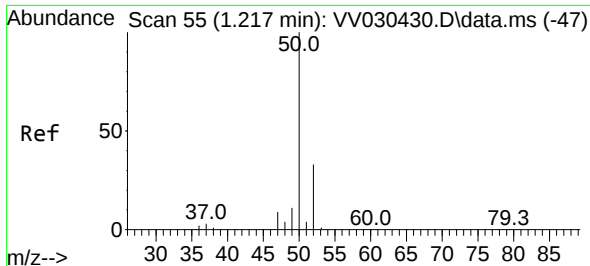
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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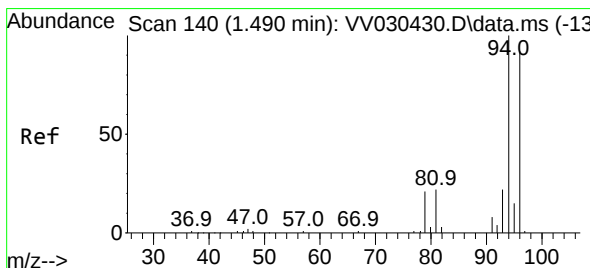
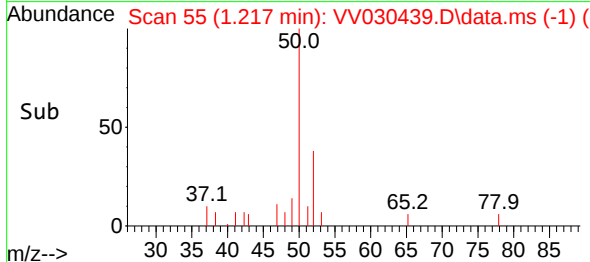
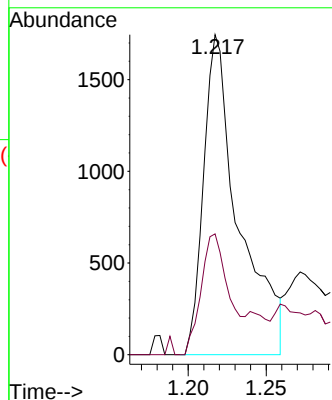
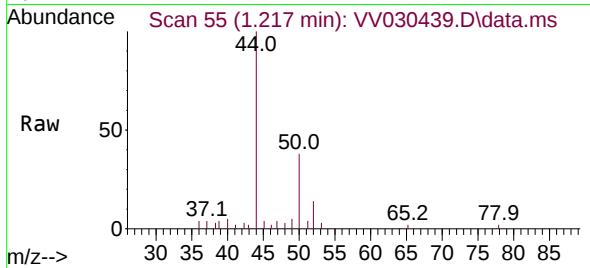




#3
Chloromethane
Concen: 0.134 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030439.D
Acq: 07 Apr 2023 13:41

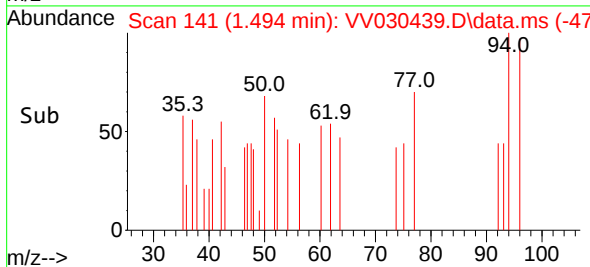
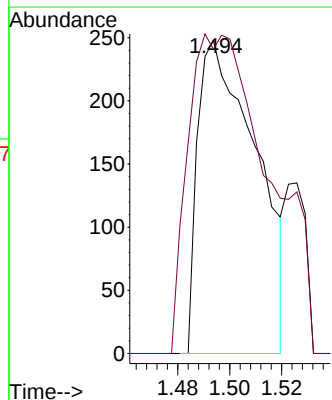
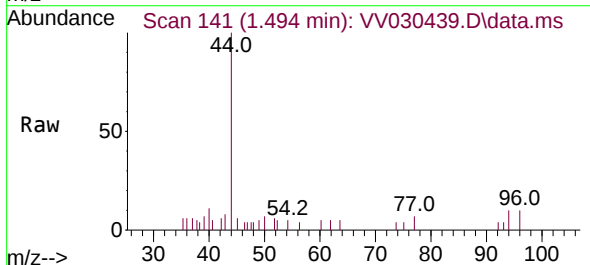
Instrument :
MSVOA_V
ClientSampleId :
C0AD4DL

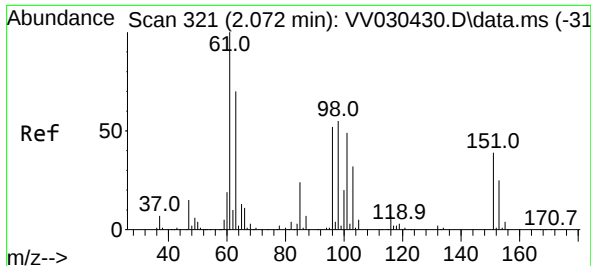
Tgt Ion: 50 Resp: 2733
Ion Ratio Lower Upper
50 100
52 37.8 22.3 41.5



#6
Bromomethane
Concen: 0.091 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV030439.D
Acq: 07 Apr 2023 13:41

Tgt Ion: 94 Resp: 385
Ion Ratio Lower Upper
94 100
96 97.2 66.1 122.7





#12

1,1-Dichloroethene

Concen: 3.842 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030439.D

Acq: 07 Apr 2023 13:41

Instrument :

MSVOA_V

ClientSampleId :

C0AD4DL

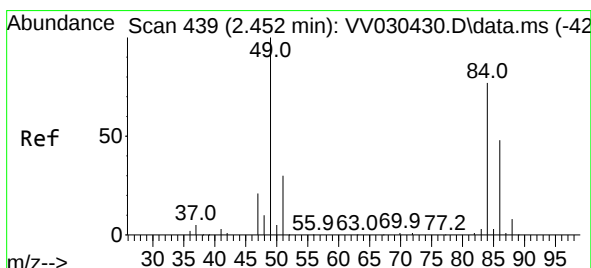
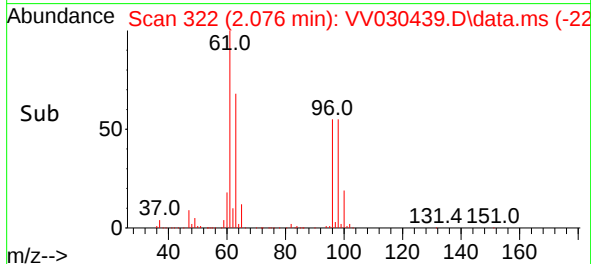
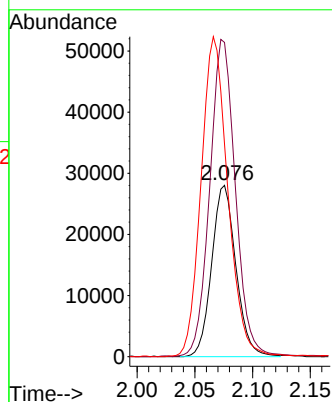
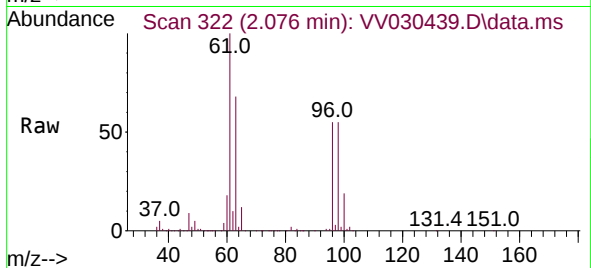
Tgt Ion: 96 Resp: 40904

Ion Ratio Lower Upper

96 100

61 183.3 136.3 253.1

63 124.1 92.1 171.1



#16

Methylene chloride

Concen: 0.463 ug/L

RT: 2.455 min Scan# 440

Delta R.T. 0.003 min

Lab File: VV030439.D

Acq: 07 Apr 2023 13:41

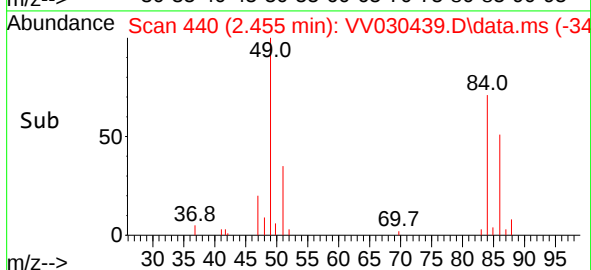
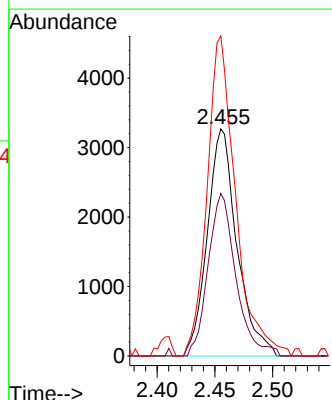
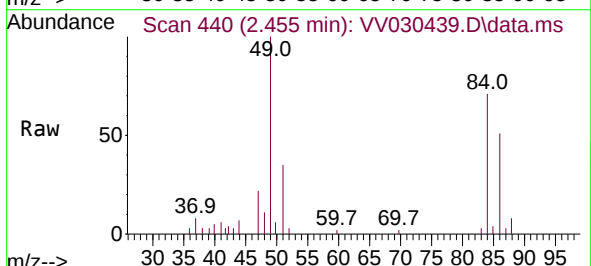
Tgt Ion: 84 Resp: 5834

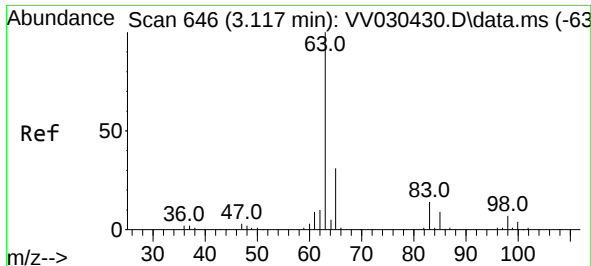
Ion Ratio Lower Upper

84 100

86 71.6 44.0 81.6

49 148.9 90.6 168.3





#19

1,1-Dichloroethane

Concen: 0.315 ug/L

RT: 3.127 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV030439.D

Acq: 07 Apr 2023 13:41

Instrument :

MSVOA_V

ClientSampleId :

C0AD4DL

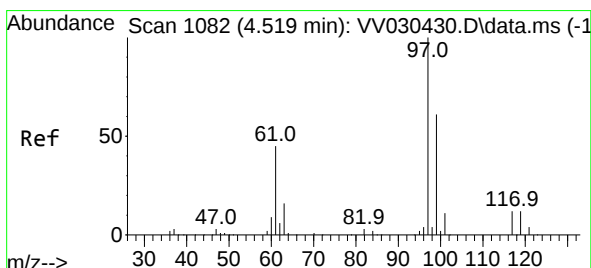
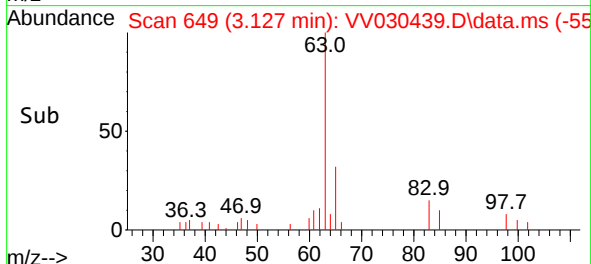
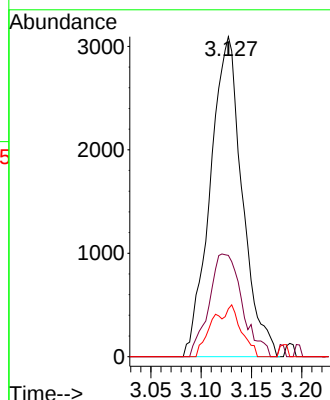
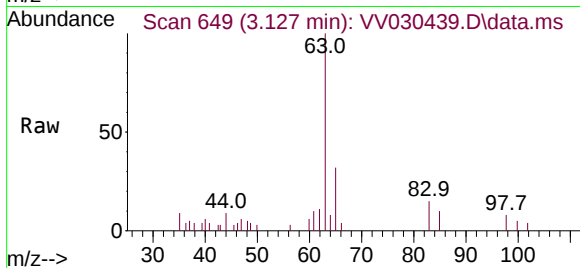
Tgt Ion: 63 Resp: 6848

Ion Ratio Lower Upper

63 100

65 31.6 21.7 40.3

83 15.0 9.1 16.9



#29

1,1,1-Trichloroethane

Concen: 4.726 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV030439.D

Acq: 07 Apr 2023 13:41

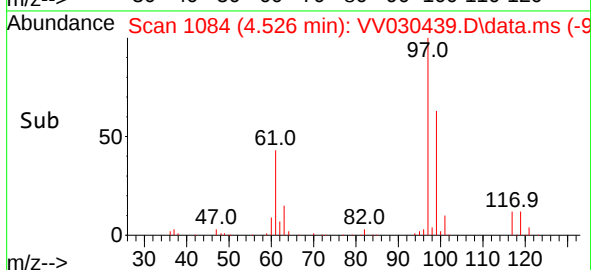
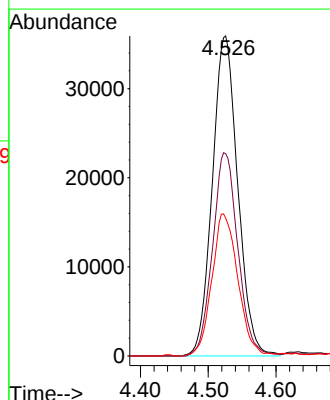
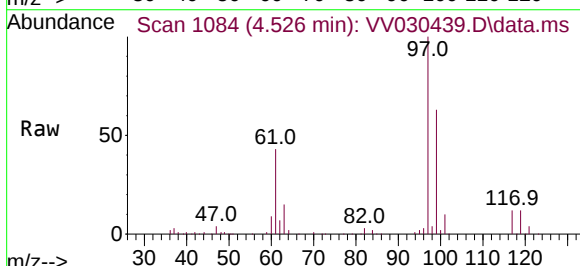
Tgt Ion: 97 Resp: 93768

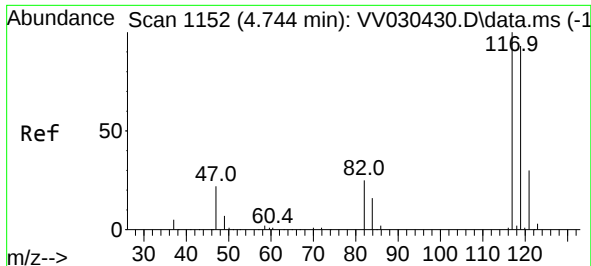
Ion Ratio Lower Upper

97 100

99 63.1 50.9 76.3

61 45.2 35.9 53.9

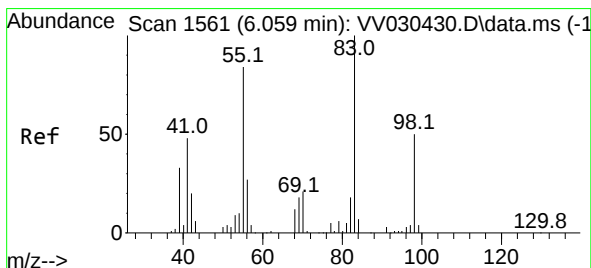
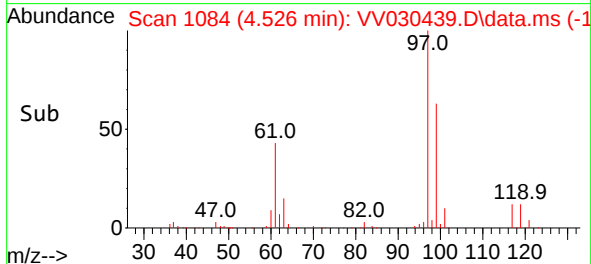
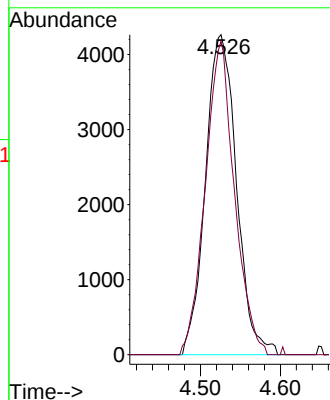
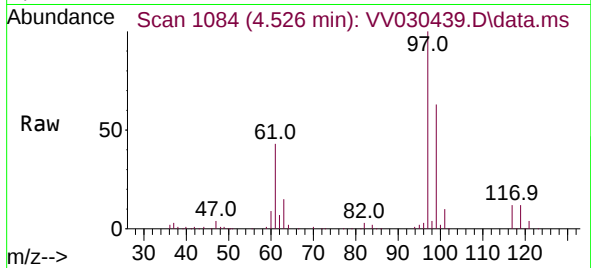




#31
Carbon tetrachloride
Concen: 0.639 ug/L
RT: 4.526 min Scan# 11509
Delta R.T. -0.219 min
Lab File: VV030439.D
Acq: 07 Apr 2023 13:41

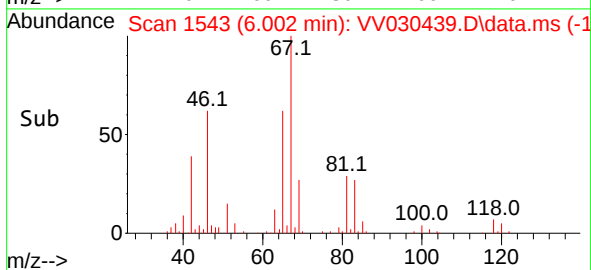
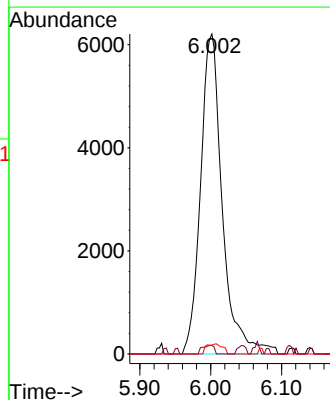
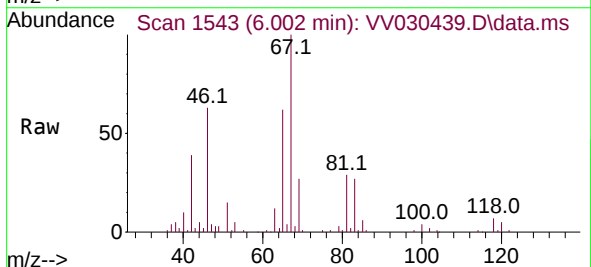
Instrument :
MSVOA_V
ClientSampleId :
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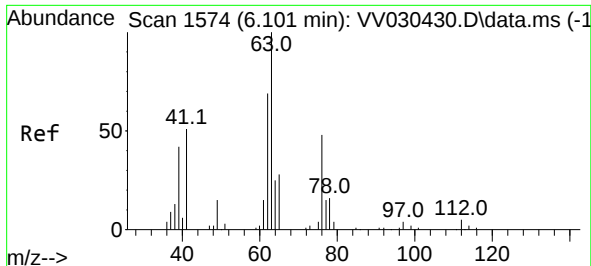
Tgt Ion:117 Resp: 11509
Ion Ratio Lower Upper
117 100
119 92.0 76.2 114.4



#35
Methylcyclohexane
Concen: 0.712 ug/L
RT: 6.002 min Scan# 1543
Delta R.T. -0.058 min
Lab File: VV030439.D
Acq: 07 Apr 2023 13:41

Tgt Ion: 83 Resp: 13222
Ion Ratio Lower Upper
83 100
55 1.5 66.6 100.0#
98 2.3 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.564 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV030439.D

Acq: 07 Apr 2023 13:41

Instrument :

MSVOA_V

ClientSampleId :

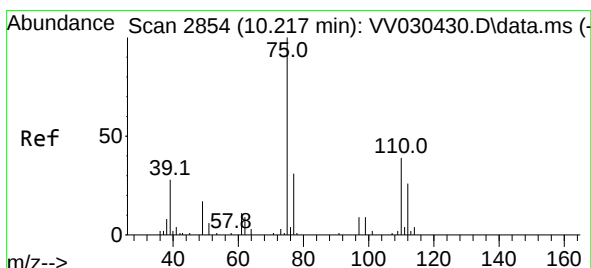
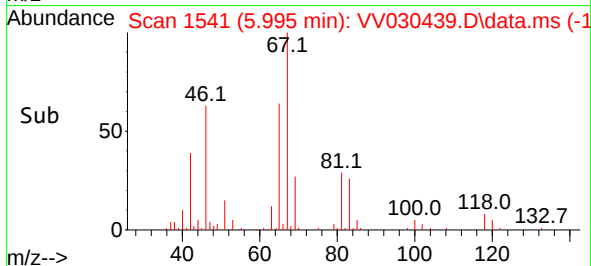
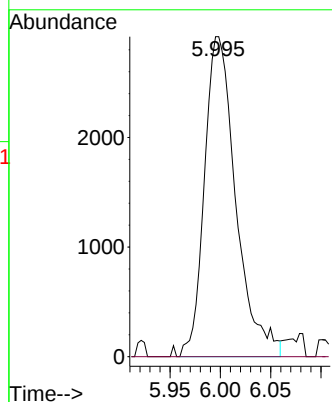
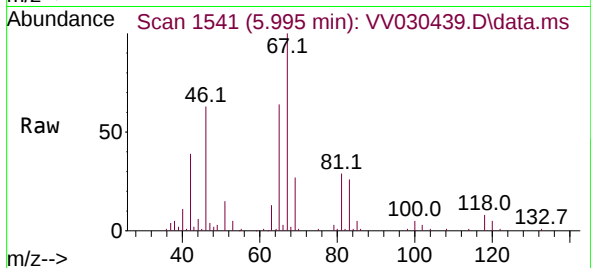
C0AD4DL

Tgt Ion: 63 Resp: 6350

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#61

1,2,3-Trichloropropane

Concen: 1.226 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.977 min

Lab File: VV030439.D

Acq: 07 Apr 2023 13:41

Tgt Ion: 75 Resp: 6758

Ion Ratio Lower Upper

75 100

77 39.6 26.0 39.0#

110 3.2 31.6 47.4#

