

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026439.D
 Acq On : 20 Jun 2022 12:30
 Operator : SY/MD
 Sample : N3358-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW4S4

Quant Time: Jun 21 02:32:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 02:31:12 2022
 Response via : Initial Calibration

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

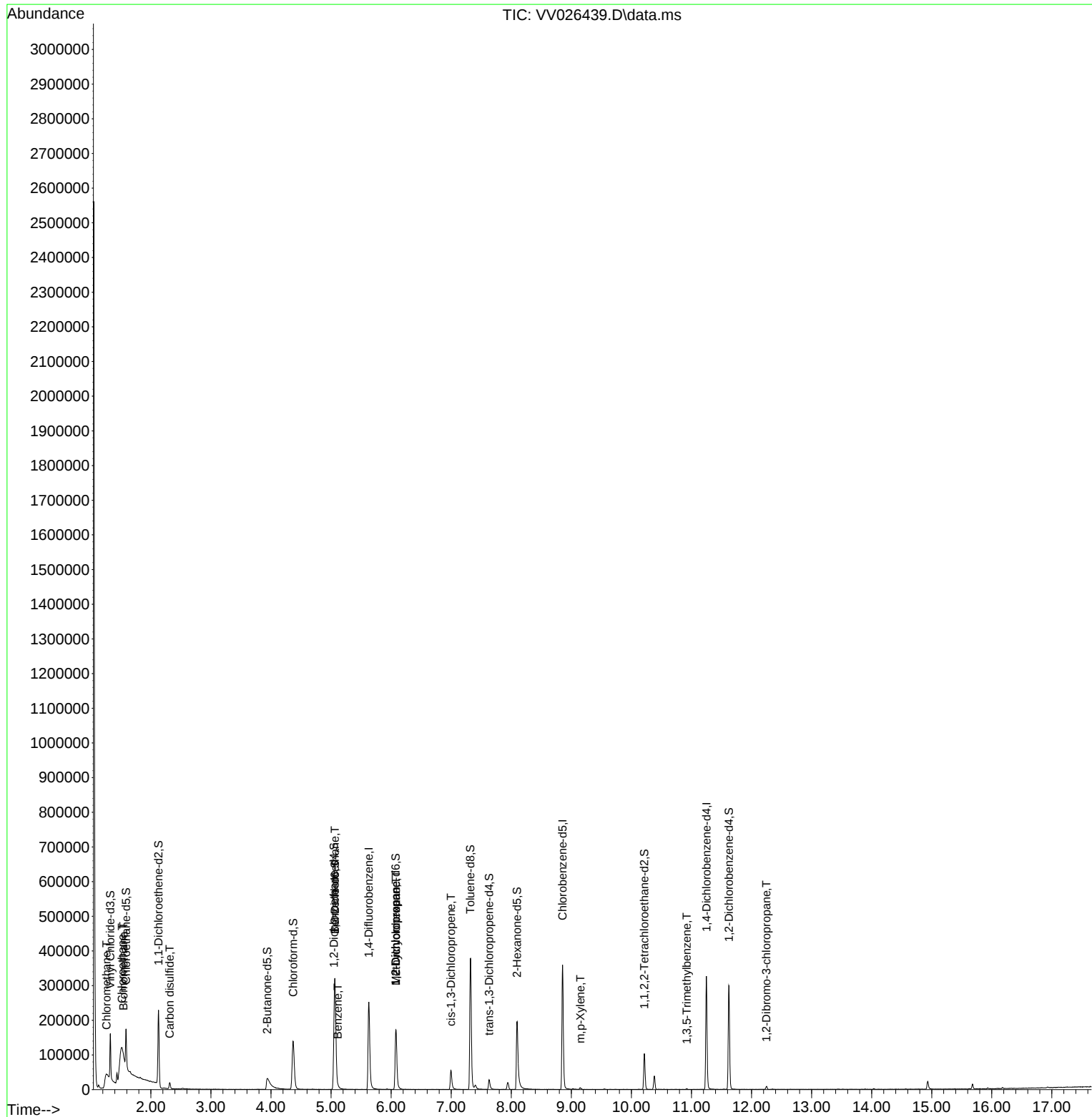
Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	228042	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	210142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86339	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.327	65	81718	4.126	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.587	69	70389	4.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.127	63	117169	3.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.937	46	92521	47.871	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.740%
24) Chloroform-d	4.368	84	151341	5.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.050	65	60614	4.935	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.063	84	311373	5.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
36) 1,2-Dichloropropane-d6	6.079	67	89487	5.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.200%
41) Toluene-d8	7.320	98	263145	5.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	7.632	79	18991	3.572	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.095	63	73094	45.510	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51911	5.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	80059	6.020	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.262	50	1552	0.082	ug/L #	75
6) Bromomethane	1.545	94	503	0.046	ug/L	85
8) Chloroethane	1.520	64	529561	43.335	ug/L #	49
14) Carbon disulfide	2.314	76	22248	0.626	ug/L	98
27) 1,2-Dichloroethane	5.063	62	1597	0.121	ug/L #	71
33) Benzene	5.111	78	3310	0.061	ug/L	100
35) Methylcyclohexane	6.082	83	21620	1.063	ug/L #	19
37) 1,2-Dichloropropane	6.082	63	9471	0.672	ug/L #	88
39) cis-1,3-Dichloropropene	6.998	75	1477	0.092	ug/L #	71
53) m,p-Xylene	9.153	106	1565	0.071	ug/L	97
62) 1,3,5-Trimethylbenzene	10.921	105	1211	0.033	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.246	75	267	0.269	ug/L #	3

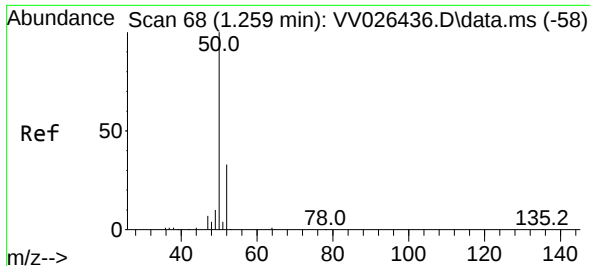
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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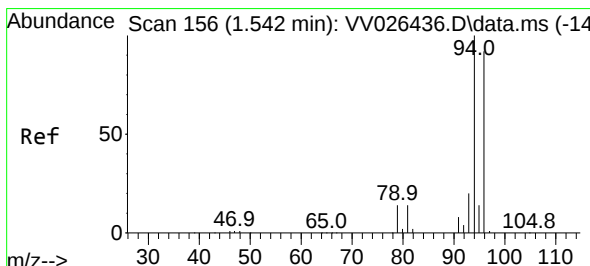
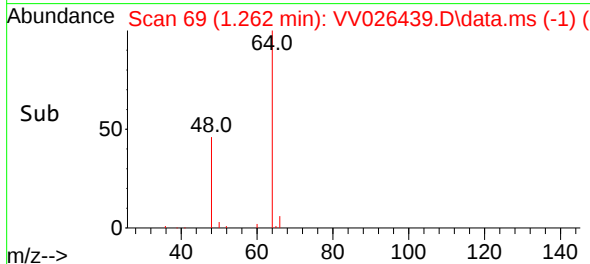
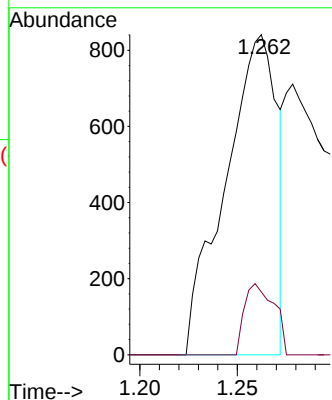
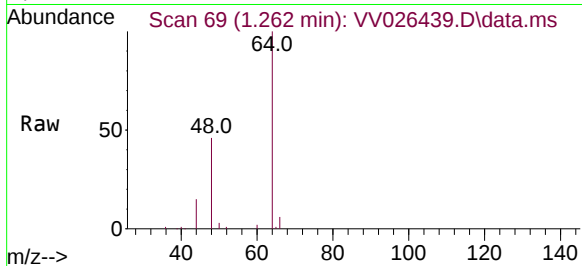




#3
Chloromethane
Concen: 0.082 ug/L
RT: 1.262 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026439.D
Acq: 20 Jun 2022 12:30

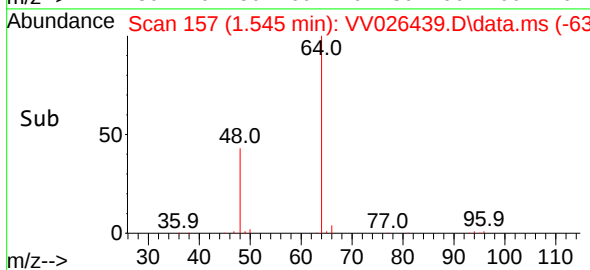
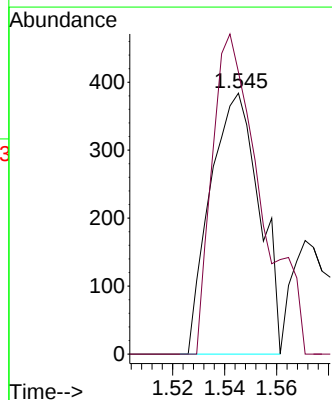
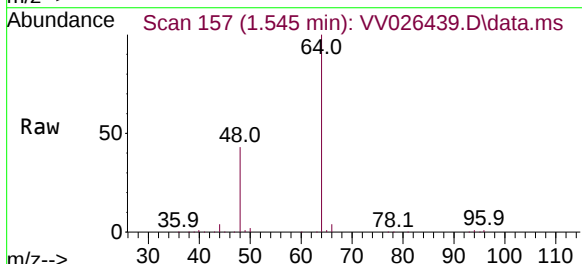
Instrument :
MSVOA_V
ClientSampleId :
EW4S4

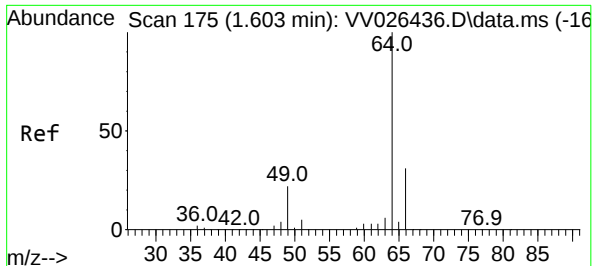
Tgt Ion: 50 Resp: 1552
Ion Ratio Lower Upper
50 100
52 19.6 23.7 44.1#



#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV026439.D
Acq: 20 Jun 2022 12:30

Tgt Ion: 94 Resp: 503
Ion Ratio Lower Upper
94 100
96 108.1 65.7 121.9

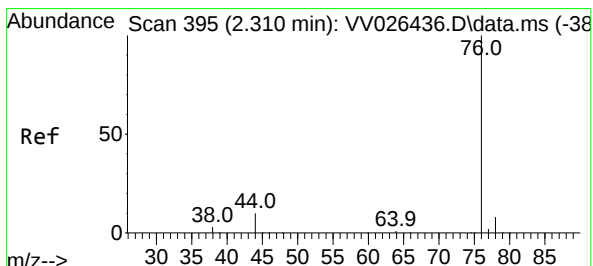
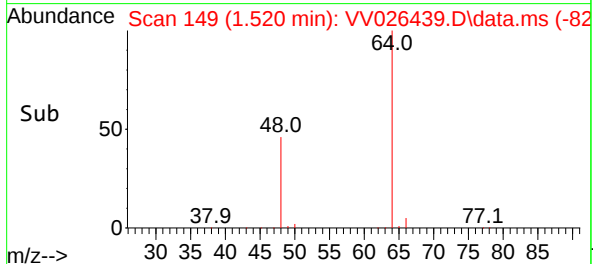
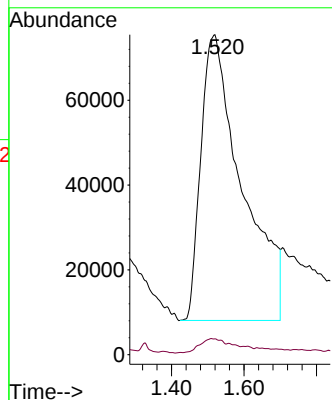
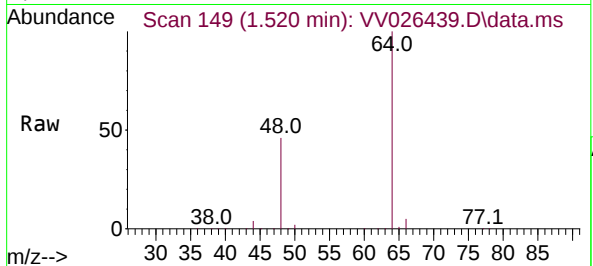




#8
Chloroethane
Concen: 43.335 ug/L
RT: 1.520 min Scan# 14
Delta R.T. -0.083 min
Lab File: VV026439.D
Acq: 20 Jun 2022 12:30

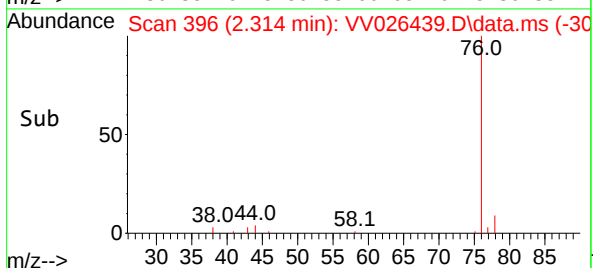
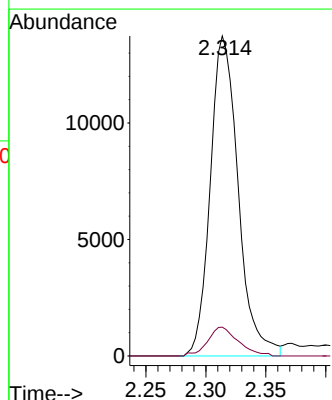
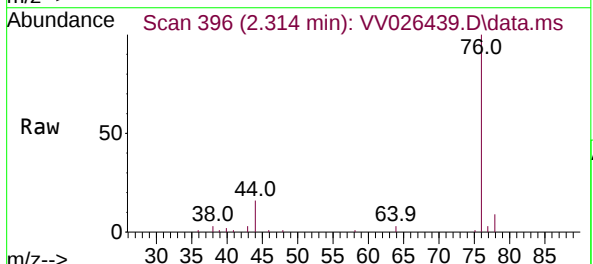
Instrument :
MSVOA_V
ClientSampleId :
EW4S4

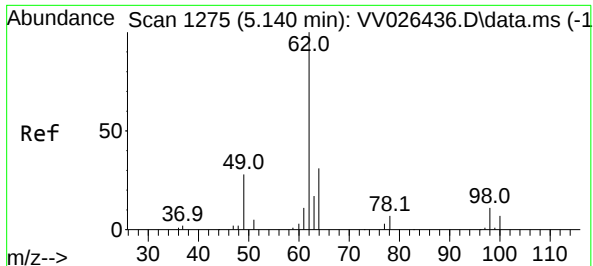
Tgt Ion: 64 Resp: 529561
Ion Ratio Lower Upper
64 100
66 5.0 24.1 44.7#



#14
Carbon disulfide
Concen: 0.626 ug/L
RT: 2.314 min Scan# 396
Delta R.T. 0.003 min
Lab File: VV026439.D
Acq: 20 Jun 2022 12:30

Tgt Ion: 76 Resp: 22248
Ion Ratio Lower Upper
76 100
78 9.0 7.7 11.5





#27

1,2-Dichloroethane

Concen: 0.121 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. -0.077 min

Lab File: VV026439.D

Acq: 20 Jun 2022 12:30

Instrument :

MSVOA_V

ClientSampleId :

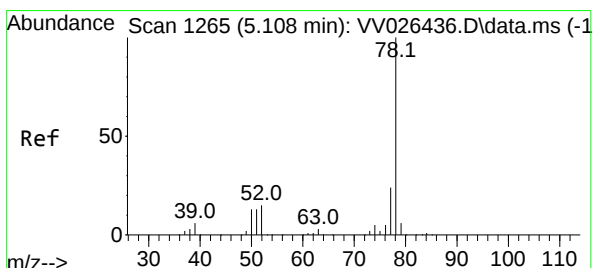
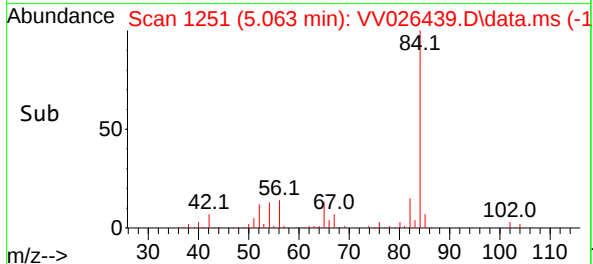
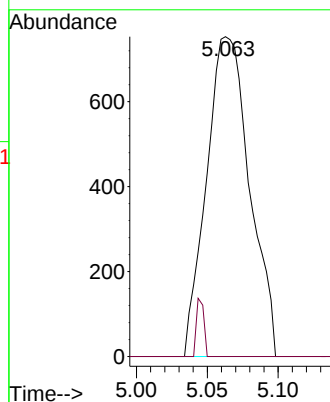
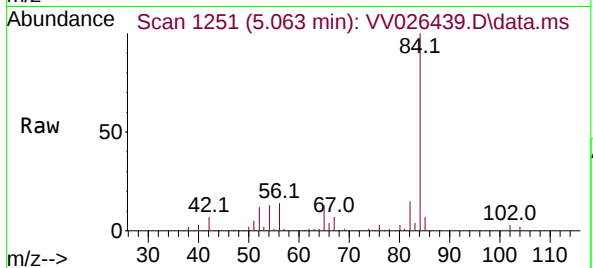
EW4S4

Tgt Ion: 62 Resp: 1597

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#33

Benzene

Concen: 0.061 ug/L

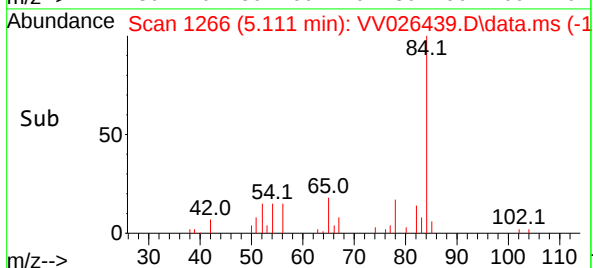
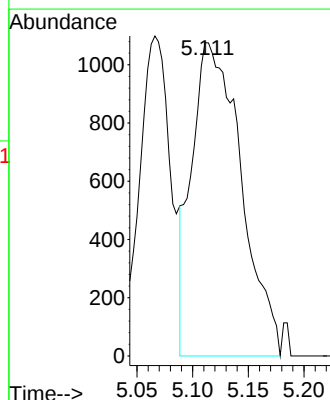
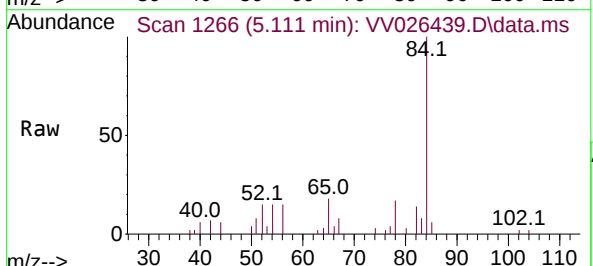
RT: 5.111 min Scan# 1266

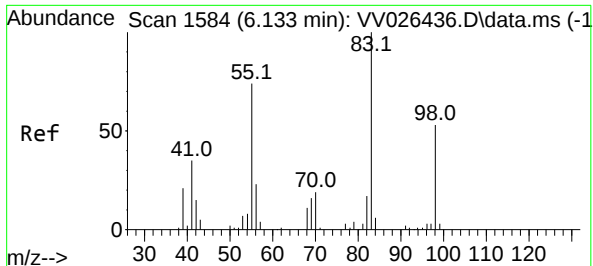
Delta R.T. 0.003 min

Lab File: VV026439.D

Acq: 20 Jun 2022 12:30

Tgt Ion: 78 Resp: 3310





#35

Methylcyclohexane

Concen: 1.063 ug/L

RT: 6.082 min Scan# 1568

Delta R.T. -0.051 min

Lab File: VV026439.D

Acq: 20 Jun 2022 12:30

Instrument :

MSVOA_V

ClientSampleId :

EW4S4

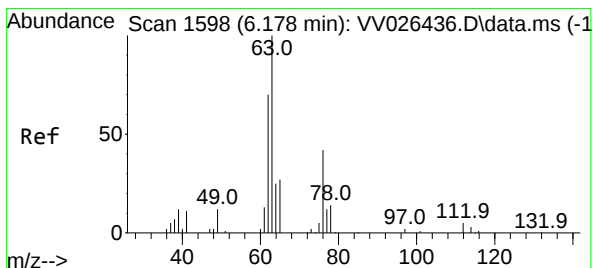
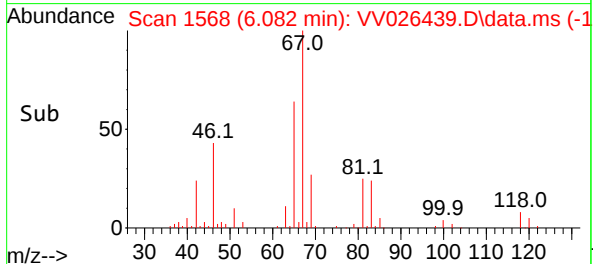
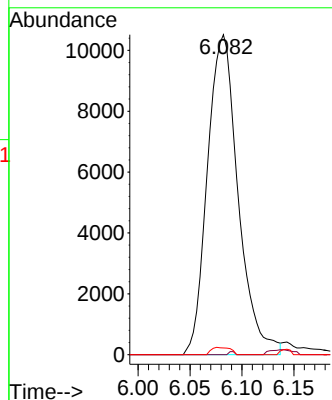
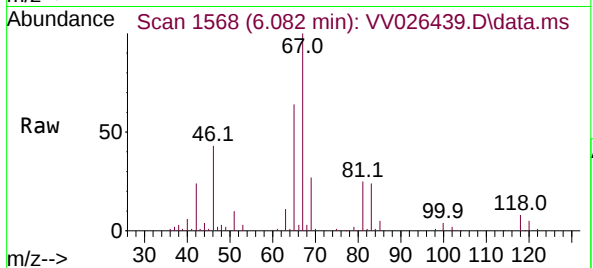
Tgt Ion: 83 Resp: 21620

Ion Ratio Lower Upper

83 100

55 0.2 59.3 88.9#

98 1.4 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.672 ug/L

RT: 6.082 min Scan# 1568

Delta R.T. -0.096 min

Lab File: VV026439.D

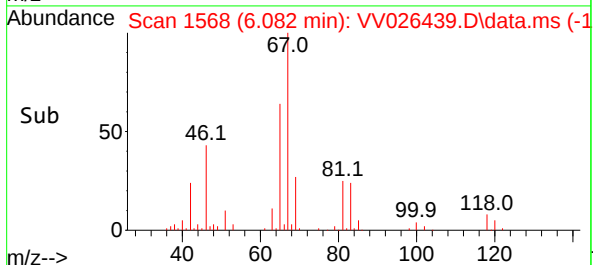
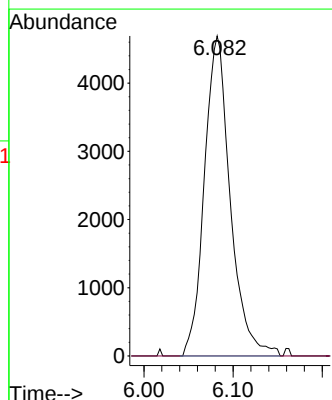
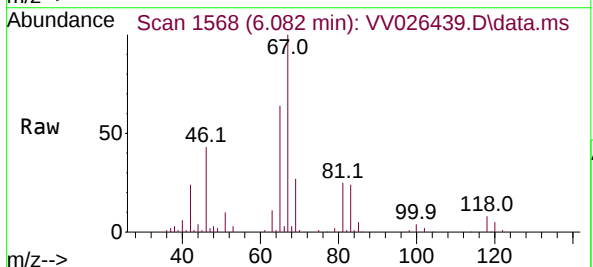
Acq: 20 Jun 2022 12:30

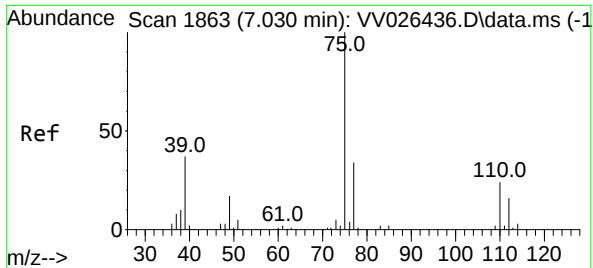
Tgt Ion: 63 Resp: 9471

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.998 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV026439.D

Acq: 20 Jun 2022 12:30

Instrument :

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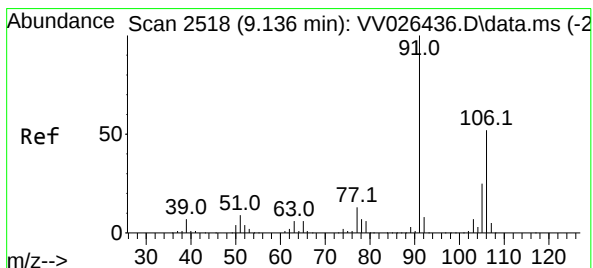
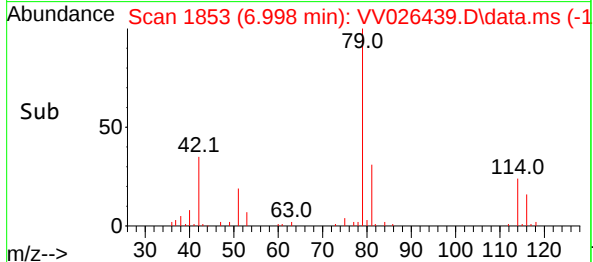
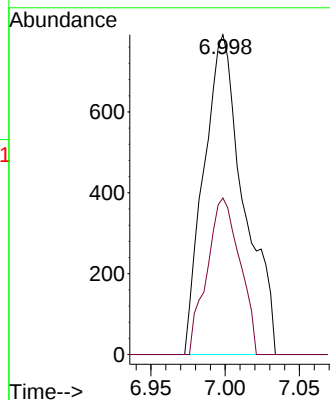
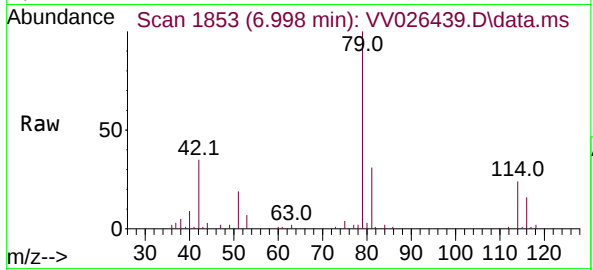
EW4S4

Tgt Ion: 75 Resp: 1477

Ion Ratio Lower Upper

75 100

77 48.9 23.0 42.6#



#53

m,p-Xylene

Concen: 0.071 ug/L

RT: 9.153 min Scan# 2523

Delta R.T. 0.016 min

Lab File: VV026439.D

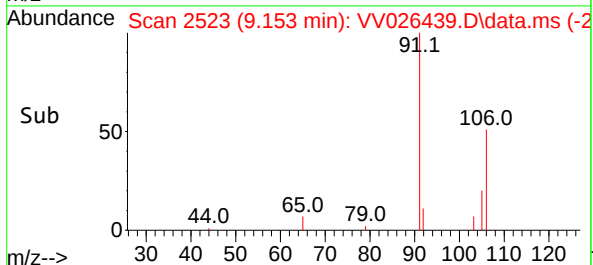
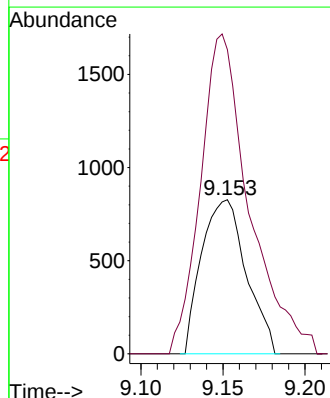
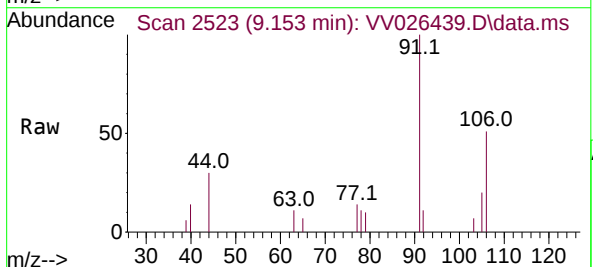
Acq: 20 Jun 2022 12:30

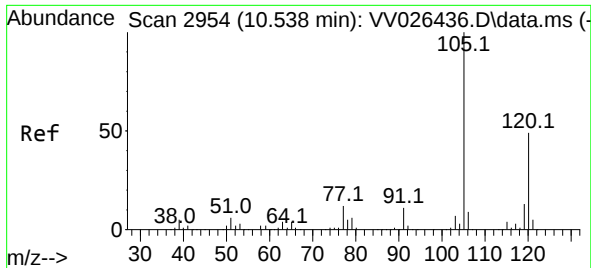
Tgt Ion: 106 Resp: 1565

Ion Ratio Lower Upper

106 100

91 197.5 141.3 262.3

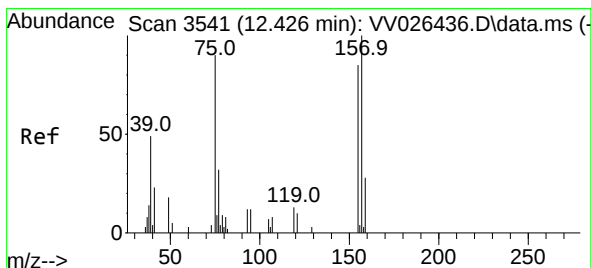
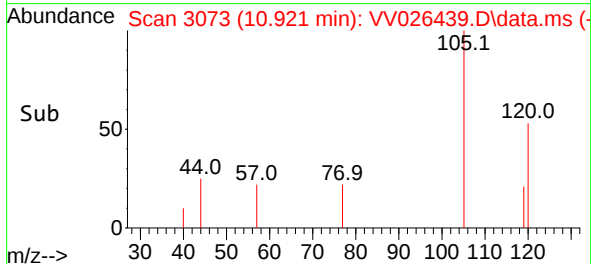
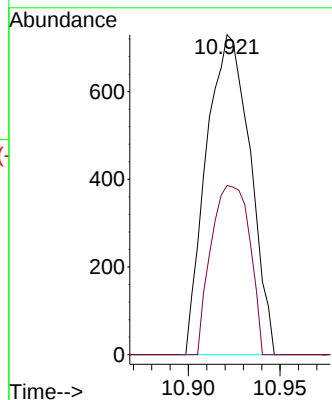
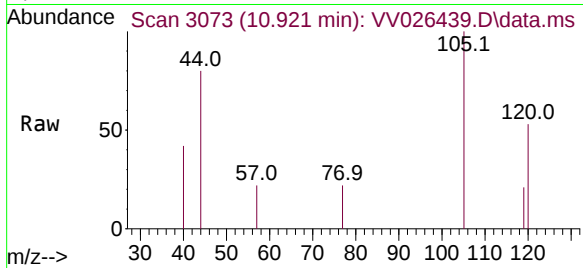




#62
 1,3,5-Trimethylbenzene
 Concen: 0.033 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.383 min
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Tgt Ion:105 Resp: 1211
 Ion Ratio Lower Upper
 105 100
 120 46.6 39.9 59.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.269 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.180 min
 Lab File: VV026439.D
 Acq: 20 Jun 2022 12:30

Tgt Ion: 75 Resp: 267
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.7 95.5#
 157 0.0 85.0 127.6#

