

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
 Data File : VV028101.D
 Acq On : 23 Sep 2022 14:14
 Operator : SY/MD
 Sample : N4621-14 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 01:27:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 24 01:23:44 2022
 Response via : Initial Calibration

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

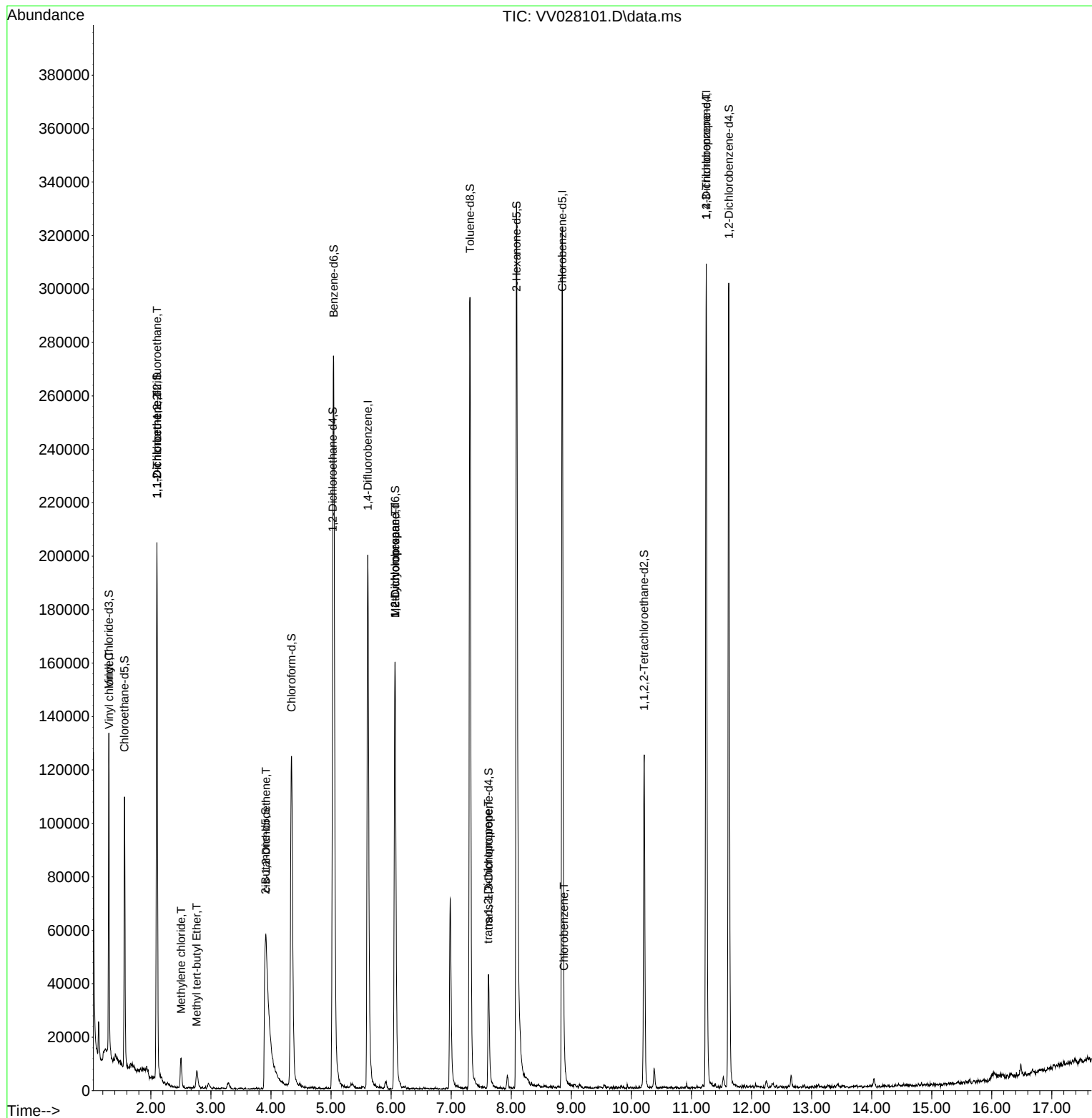
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	182147	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	183708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85938	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	78941	4.180	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.561	69	66472	4.427	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.101	63	103602	3.163	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	3.908	46	143242	44.931	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.860%
24) Chloroform-d	4.343	84	135245	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.027	65	67813	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.043	84	255182	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.066	67	79772	4.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.313	98	202570	3.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.622	79	27844	4.105	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.088	63	128969	45.554	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59698	4.651	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	83034	4.926	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
5) Vinyl chloride	1.304	62	628	0.044	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1147	0.089	ug/L #	20
12) 1,1-Dichloroethene	2.101	96	1010	0.080	ug/L #	1
16) Methylene chloride	2.503	84	4788	0.341	ug/L	83
17) Methyl tert-butyl Ether	2.764	73	6337	0.234	ug/L	94
22) cis-1,2-Dichloroethene	3.918	96	645	0.045	ug/L	80
35) Methylcyclohexane	6.066	83	20081	1.153	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	9462	0.662	ug/L #	87
44) trans-1,3-Dichloropropene	7.616	75	1102	0.072	ug/L #	62
51) Chlorobenzene	8.879	112	2677	0.075	ug/L #	62
61) 1,2,3-Trichloropropane	11.246	75	9098	1.262	ug/L #	69

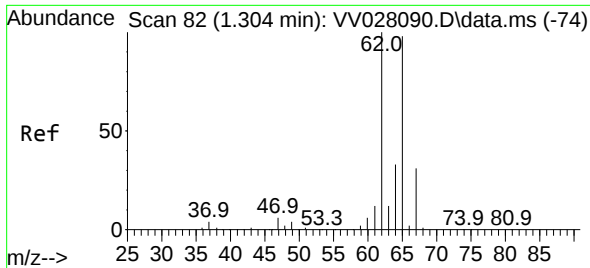
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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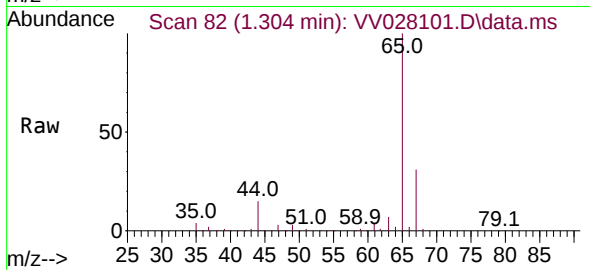
Quant Time: Sep 24 01:27:27 2022
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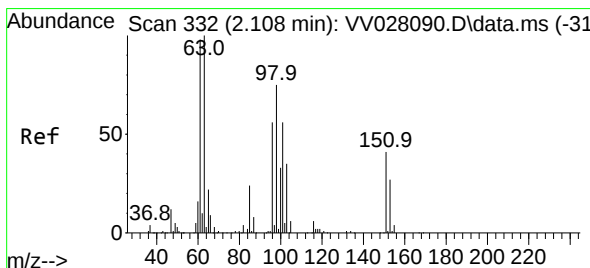
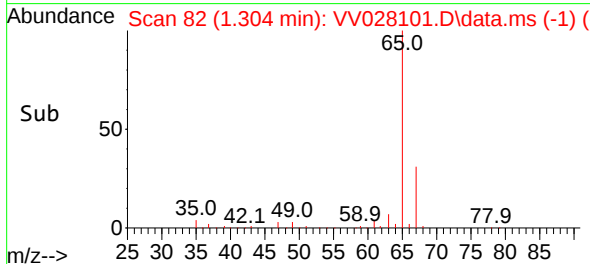
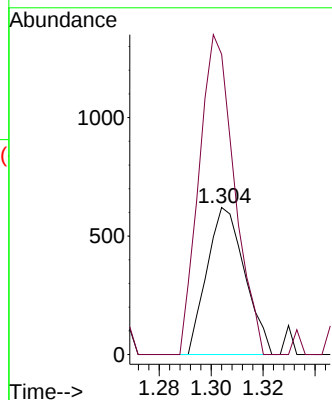


#5
 Vinyl chloride
 Concen: 0.044 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028101.D
 Acq: 23 Sep 2022 14:14

Instrument :
 MSVOA_V
 ClientSampleId :

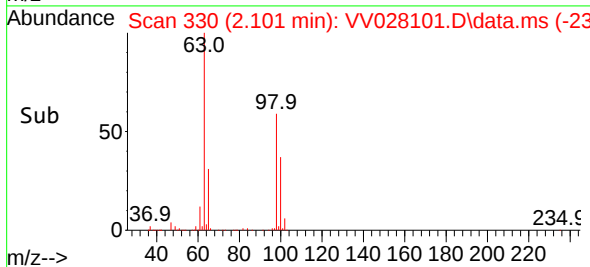
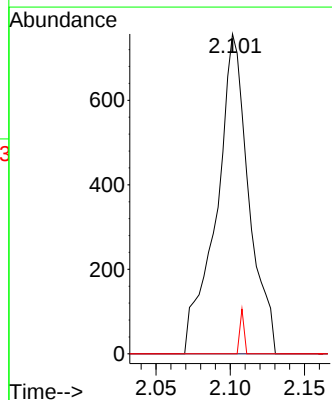
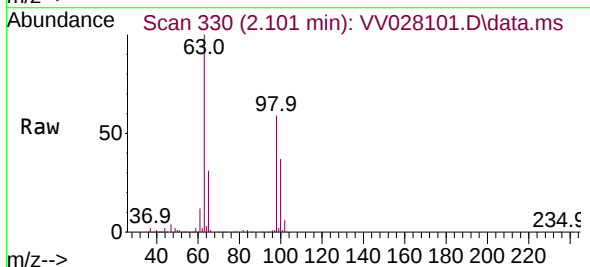


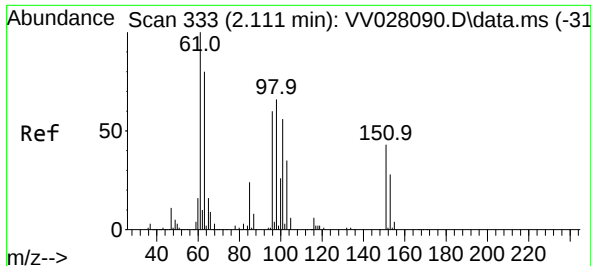
Tgt Ion: 62 Resp: 628
 Ion Ratio Lower Upper
 62 100
 64 204.0 23.0 42.8#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.089 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.006 min
 Lab File: VV028101.D
 Acq: 23 Sep 2022 14:14

Tgt Ion: 101 Resp: 1147
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.4 51.6#
 151 1.7 61.1 91.7#





#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.010 min

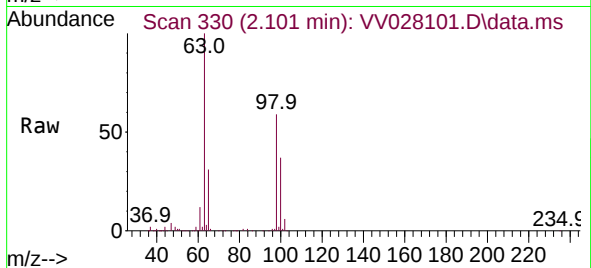
Lab File: VV028101.D

Acq: 23 Sep 2022 14:14

Instrument :

MSVOA_V

ClientSampleId :



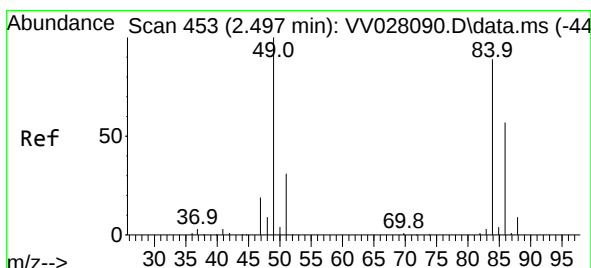
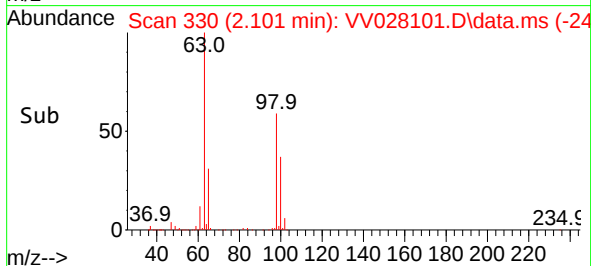
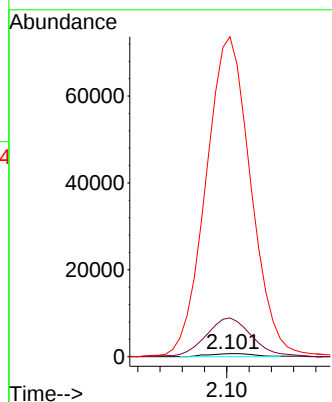
Tgt Ion: 96 Resp: 1010

Ion Ratio Lower Upper

96 100

61 1276.6 128.3 238.3#

63 10568.7 112.7 209.3#



#16

Methylene chloride

Concen: 0.341 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.006 min

Lab File: VV028101.D

Acq: 23 Sep 2022 14:14

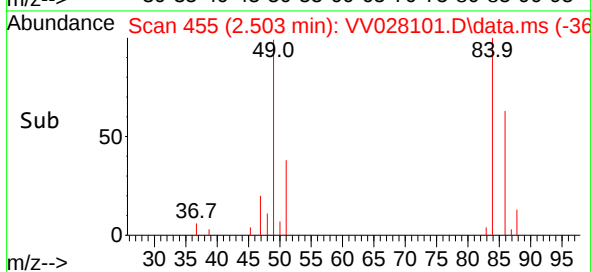
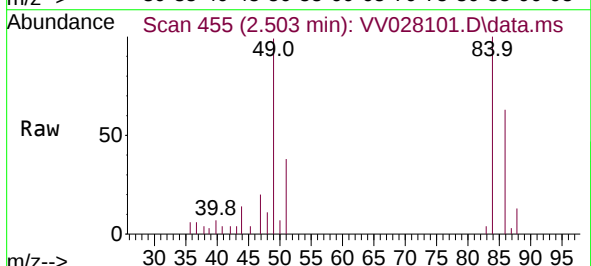
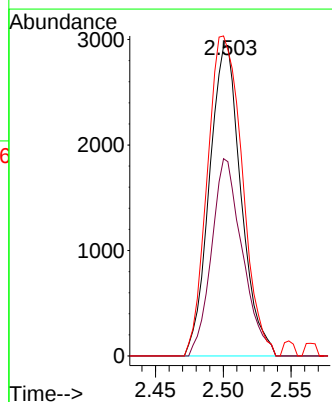
Tgt Ion: 84 Resp: 4788

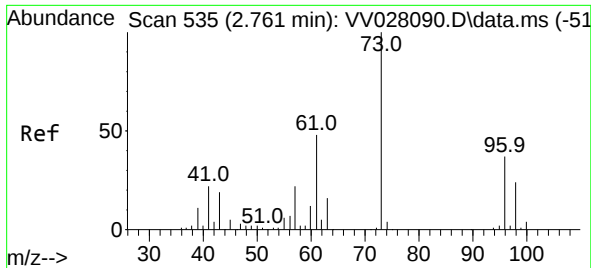
Ion Ratio Lower Upper

84 100

86 62.6 46.8 86.8

49 98.6 87.5 162.5

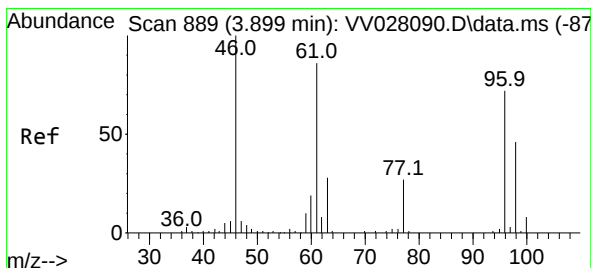
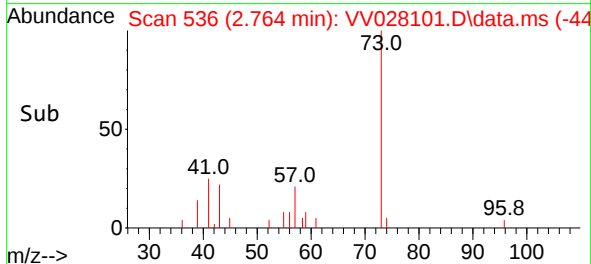
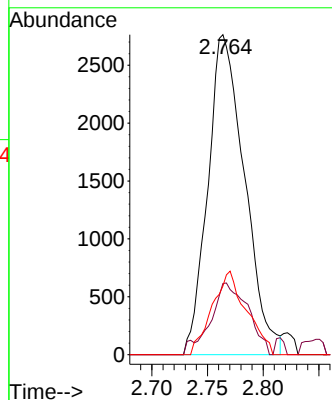
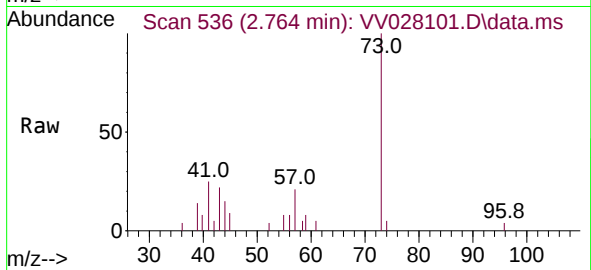




#17
Methyl tert-butyl Ether
Concen: 0.234 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028101.D
Acq: 23 Sep 2022 14:14

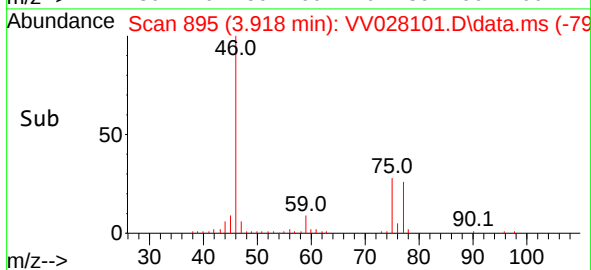
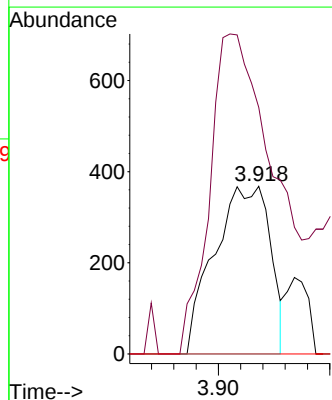
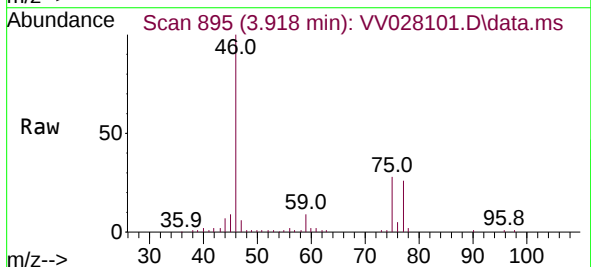
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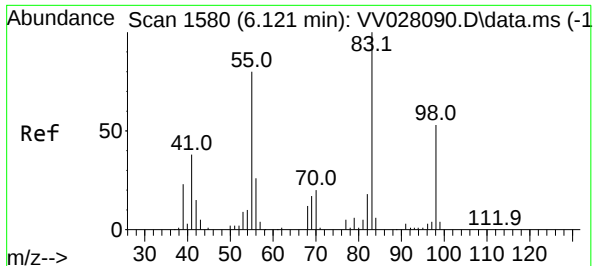
Tgt Ion: 73 Resp: 6337
Ion Ratio Lower Upper
73 100
43 22.9 15.7 23.5
57 24.3 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 0.045 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.019 min
Lab File: VV028101.D
Acq: 23 Sep 2022 14:14

Tgt Ion: 96 Resp: 645
Ion Ratio Lower Upper
96 100
61 147.0 87.2 161.9
68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 1.153 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.055 min

Lab File: VV028101.D

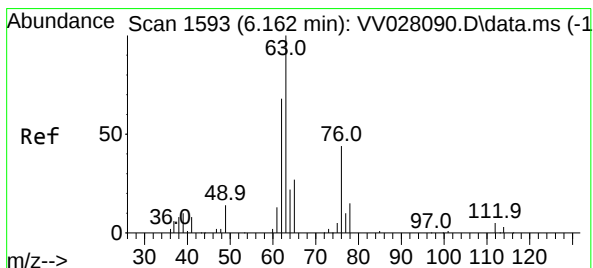
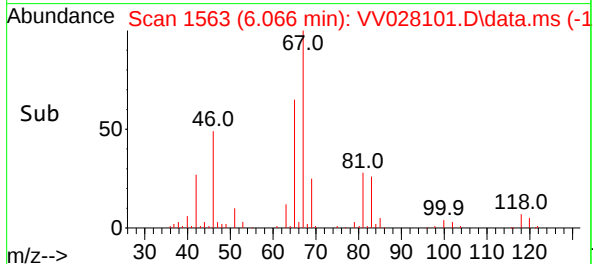
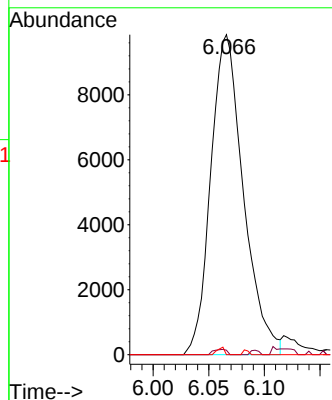
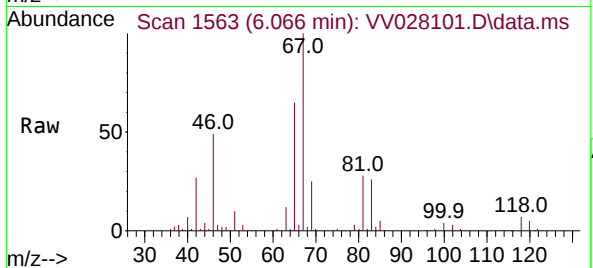
Acq: 23 Sep 2022 14:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	20081
Ion Ratio	Lower	Upper	
83	100		
55	0.7	64.7	97.1#
98	0.5	39.5	59.3#



#37

1,2-Dichloropropane

Concen: 0.662 ug/L

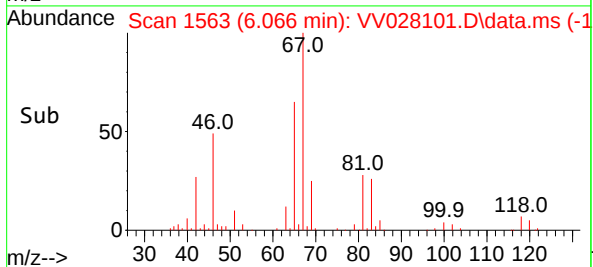
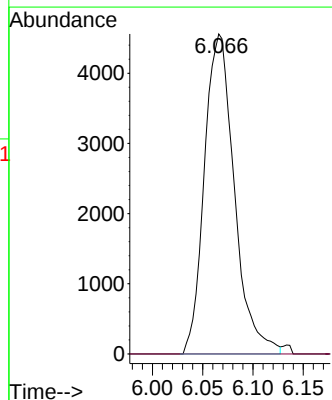
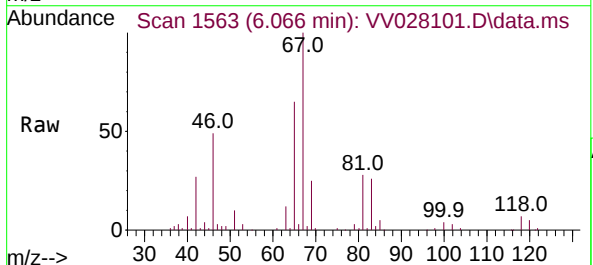
RT: 6.066 min Scan# 1563

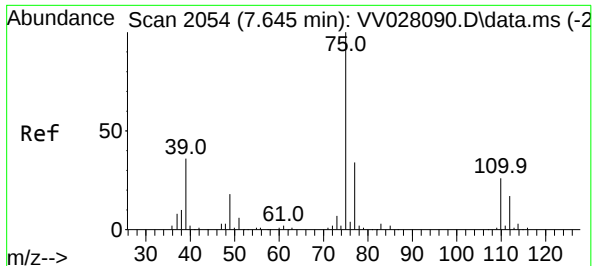
Delta R.T. -0.096 min

Lab File: VV028101.D

Acq: 23 Sep 2022 14:14

Tgt Ion:	63	Resp:	9462
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.5	5.3#

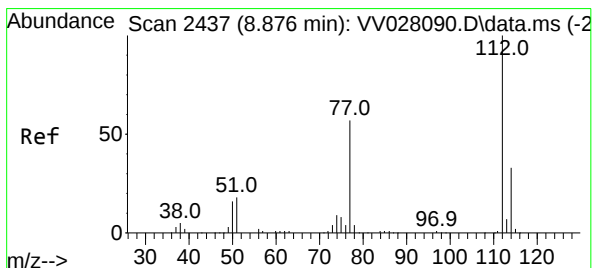
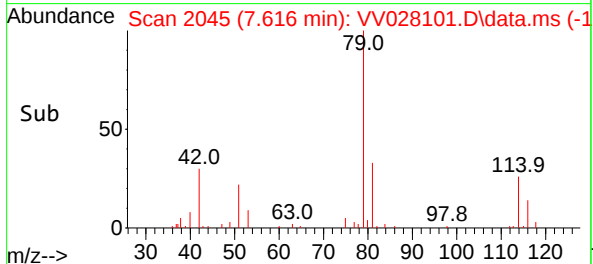
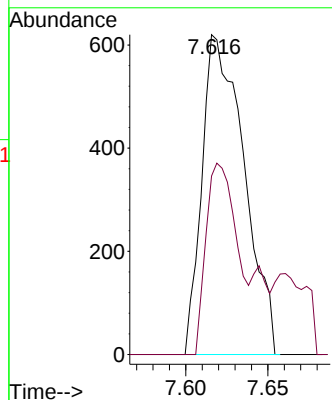
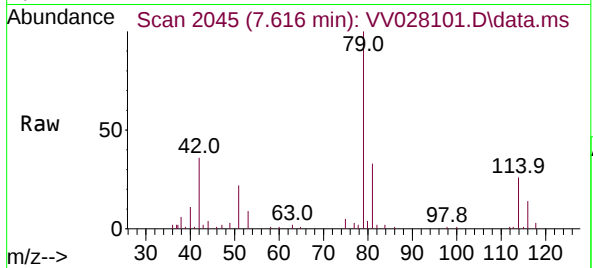




#44
trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.616 min Scan# 2054
Delta R.T. -0.029 min
Lab File: VV028101.D
Acq: 23 Sep 2022 14:14

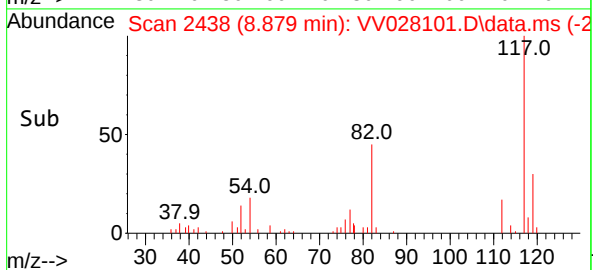
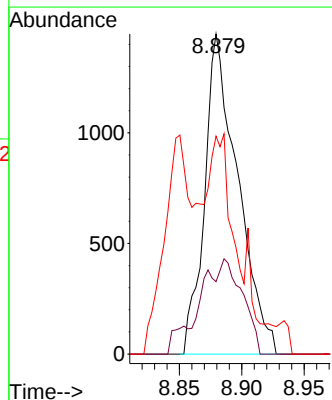
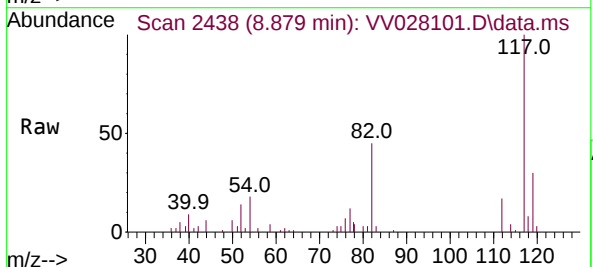
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MSVOA_V
ClientSampleId :

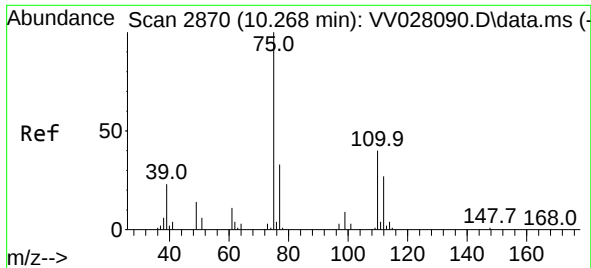
Tgt Ion: 75 Resp: 1102
Ion Ratio Lower Upper
75 100
77 55.8 23.9 44.3#



#51
Chlorobenzene
Concen: 0.075 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV028101.D
Acq: 23 Sep 2022 14:14

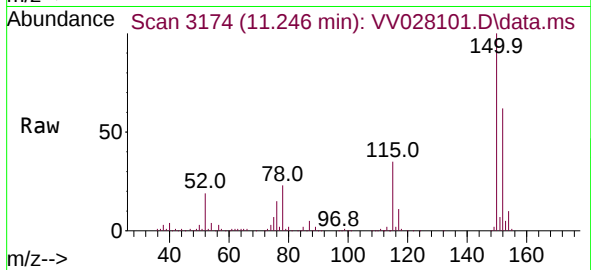
Tgt Ion: 112 Resp: 2677
Ion Ratio Lower Upper
112 100
114 22.6 22.5 41.7
77 94.1 46.1 69.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.262 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV028101.D
 Acq: 23 Sep 2022 14:14

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 9098
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.7 40.1
 110 2.1 30.1 45.1#

