

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102122\
 Data File : VV028652.D
 Acq On : 21 Oct 2022 11:06
 Operator : SY/MD
 Sample : N5144-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Oct 21 23:00:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 21 22:58:36 2022
 Response via : Initial Calibration

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

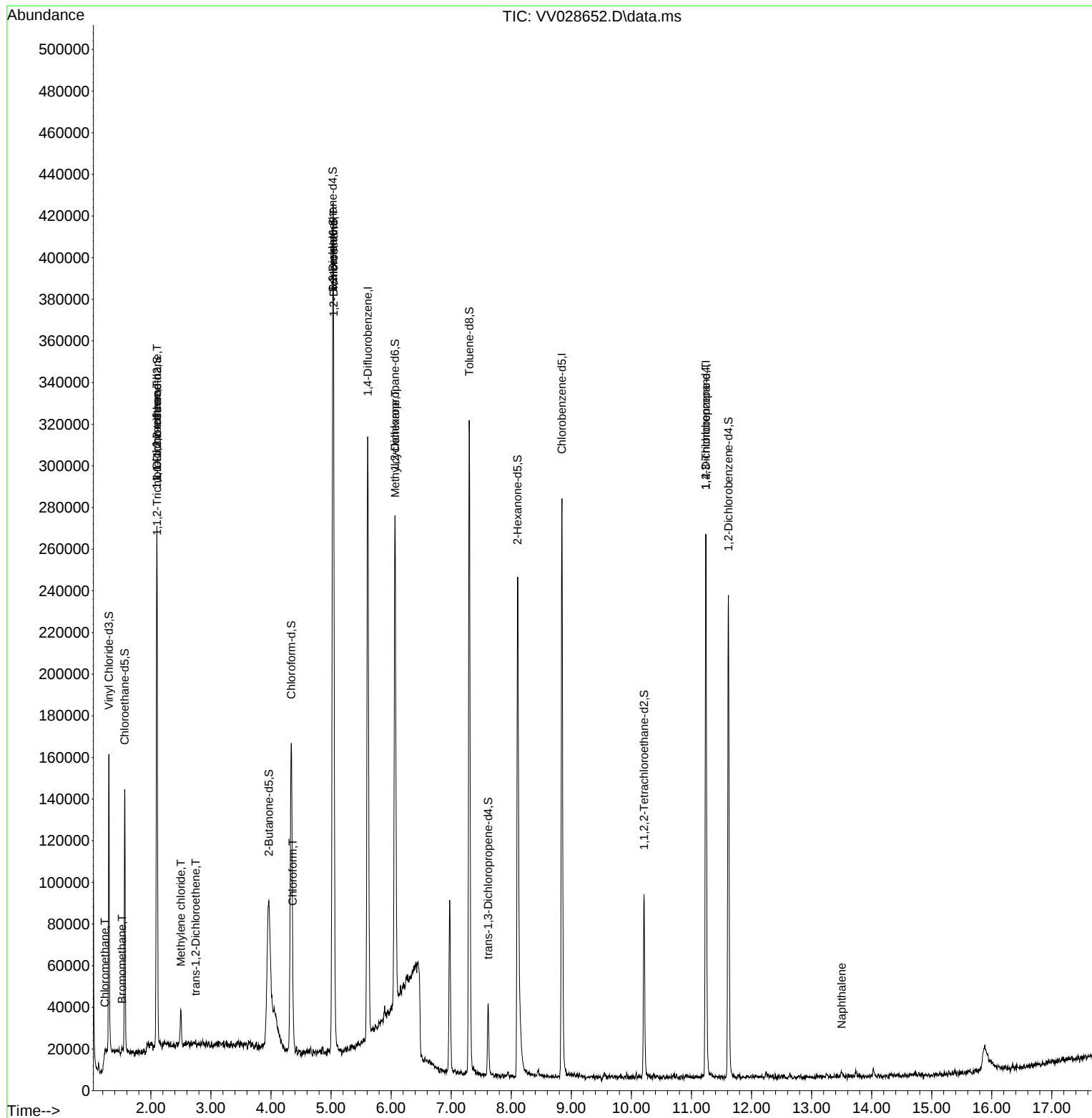
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	213902	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.844	117	138725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	60491	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	95290	4.500	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.000%	
7) Chloroethane-d5	1.564	69	77361	4.647	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.000%	
11) 1,1-Dichloroethene-d2	2.101	63	138799	3.772	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.400%	
20) 2-Butanone-d5	3.963	46	213349	53.526	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.060%	
24) Chloroform-d	4.336	84	146954	4.678	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	5.031	65	77408	4.550	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
32) Benzene-d6	5.034	84	308731	5.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.200%	
36) 1,2-Dichloropropane-d6	6.066	67	107150	5.661	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.200%	
41) Toluene-d8	7.301	98	194489	4.455	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	7.616	79	17365	3.779	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.600%	
46) 2-Hexanone-d5	8.104	63	85032	44.573	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.140%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	41077	4.595	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.800%	
66) 1,2-Dichlorobenzene-d4	11.615	152	53157	4.889	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	1139	0.055	ug/L #	79
6) Bromomethane	1.519	94	956	0.098	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1381	0.094	ug/L #	45
12) 1,1-Dichloroethene	2.098	96	1510	0.109	ug/L #	1
16) Methylene chloride	2.500	84	6314	0.317	ug/L	88
18) trans-1,2-Dichloroethene	2.748	96	616	0.041	ug/L #	46
25) Chloroform	4.362	83	4122	0.124	ug/L	82
27) 1,2-Dichloroethane	5.043	62	2047	0.098	ug/L	95
35) Methylcyclohexane	6.069	83	24886	1.056	ug/L #	16
61) 1,2,3-Trichloropropane	11.239	75	9675	1.476	ug/L #	69
71) Naphthalene	13.503	128	1406	0.074	ug/L	96

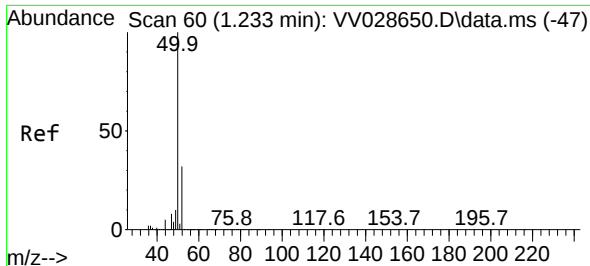
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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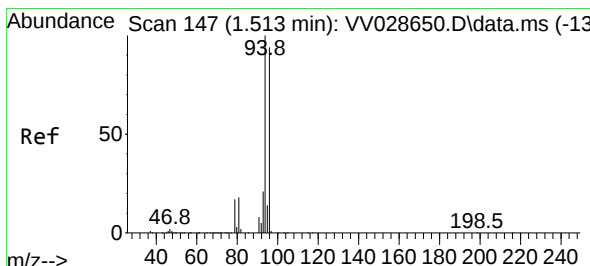
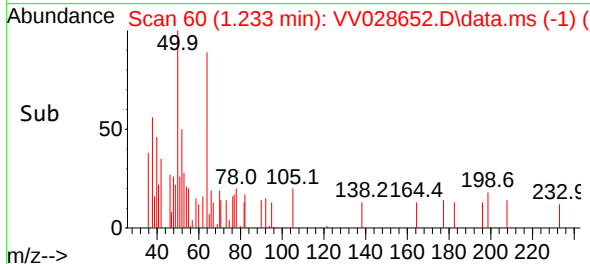
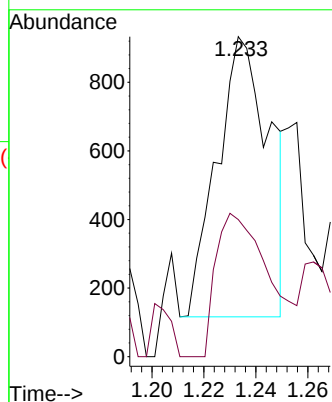
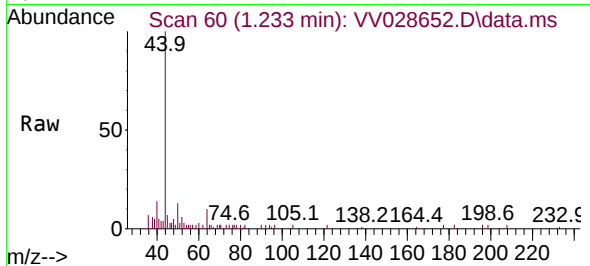




#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.233 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV028652.D
Acq: 21 Oct 2022 11:06

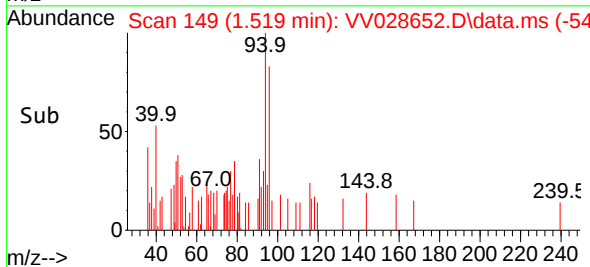
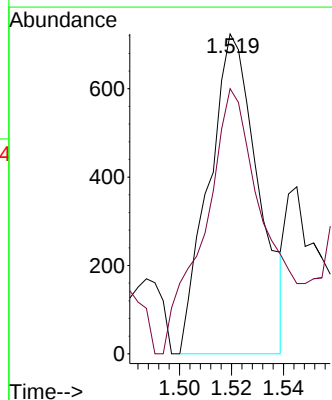
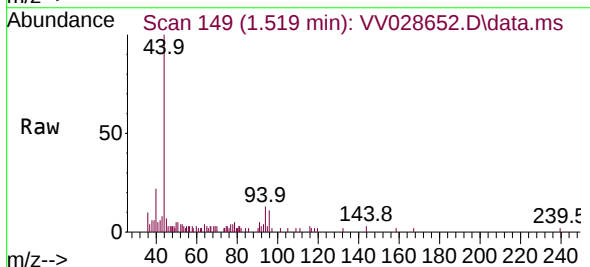
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

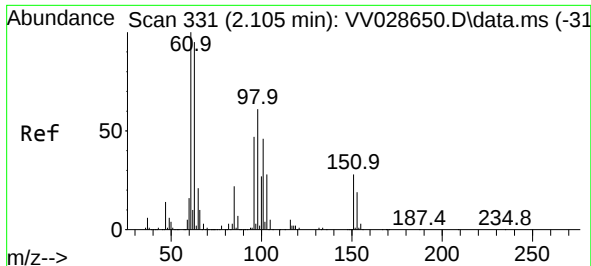
Tgt Ion: 50 Resp: 1139
Ion Ratio Lower Upper
50 100
52 42.9 21.8 40.6#



#6
Bromomethane
Concen: 0.098 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.006 min
Lab File: VV028652.D
Acq: 21 Oct 2022 11:06

Tgt Ion: 94 Resp: 956
Ion Ratio Lower Upper
94 100
96 82.9 64.3 119.3

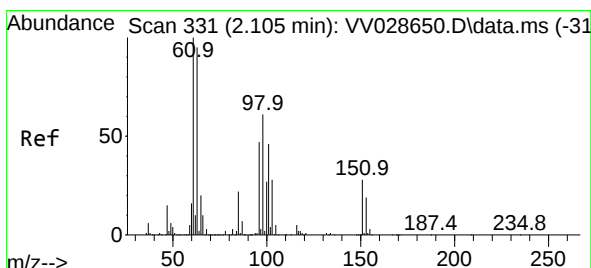
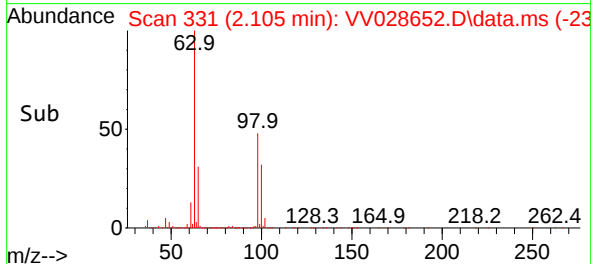
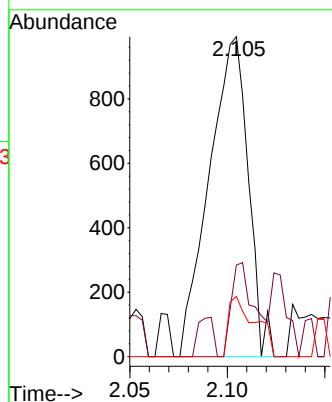
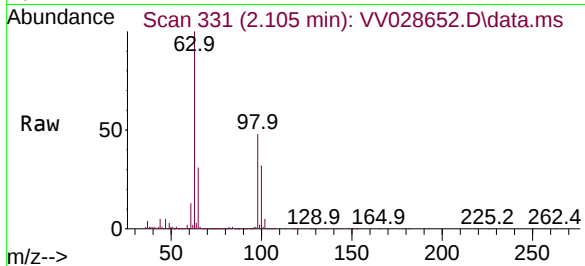




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.094 ug/L
 RT: 2.105 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV028652.D
 Acq: 21 Oct 2022 11:06

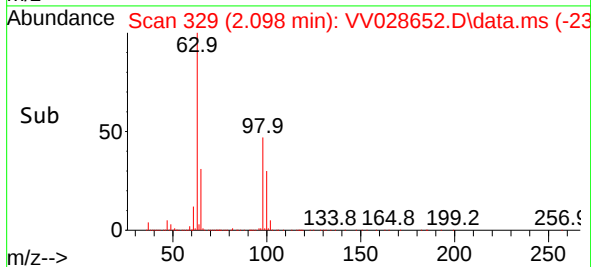
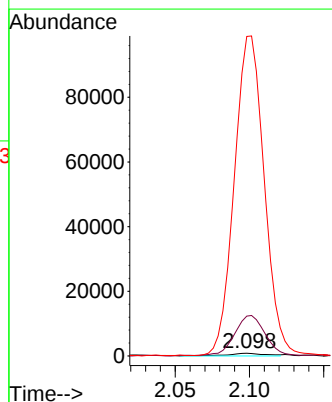
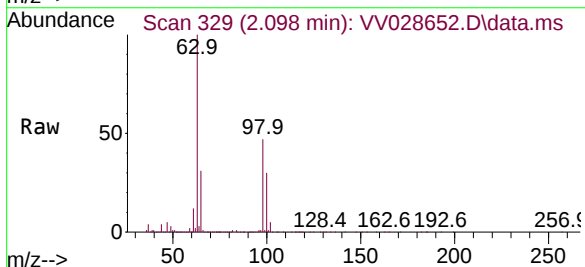
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

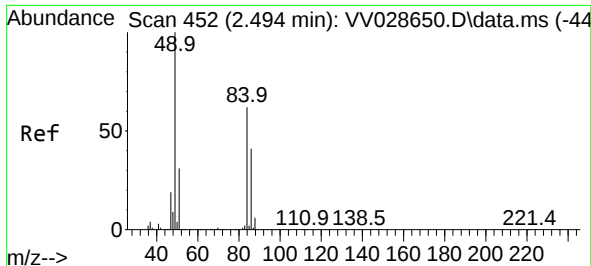
Tgt Ion:101 Resp: 1381
 Ion Ratio Lower Upper
 101 100
 85 17.8 37.0 55.6#
 151 12.8 50.2 75.2#



#12
 1,1-Dichloroethene
 Concen: 0.109 ug/L
 RT: 2.098 min Scan# 329
 Delta R.T. -0.006 min
 Lab File: VV028652.D
 Acq: 21 Oct 2022 11:06

Tgt Ion: 96 Resp: 1510
 Ion Ratio Lower Upper
 96 100
 61 1458.3 148.1 275.1#
 63 11681.3 133.3 247.7#

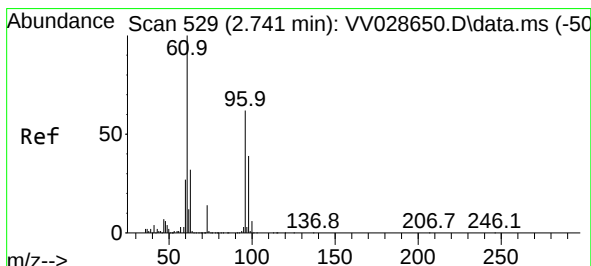
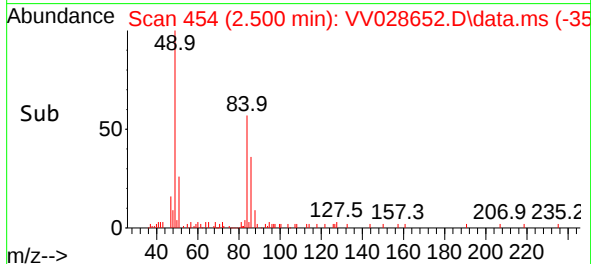
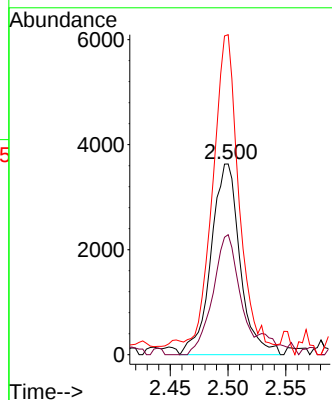
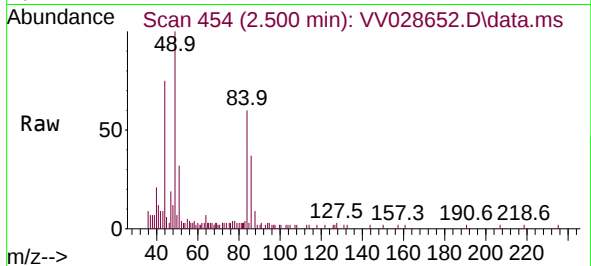




#16
Methylene chloride
Concen: 0.317 ug/L
RT: 2.500 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV028652.D
Acq: 21 Oct 2022 11:06

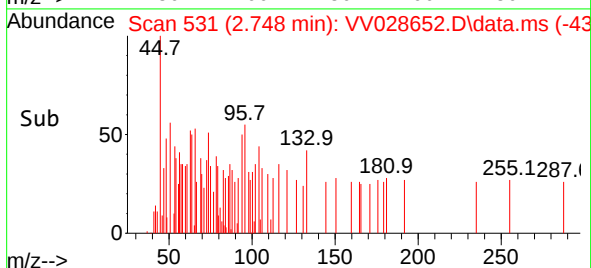
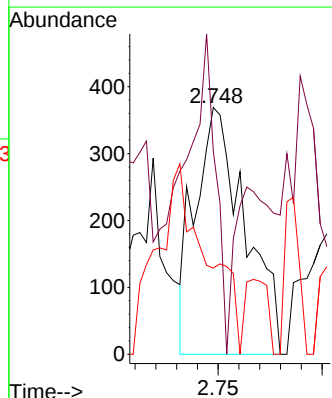
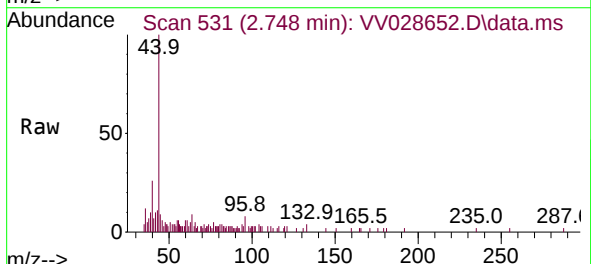
Instrument :
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VHBLK001

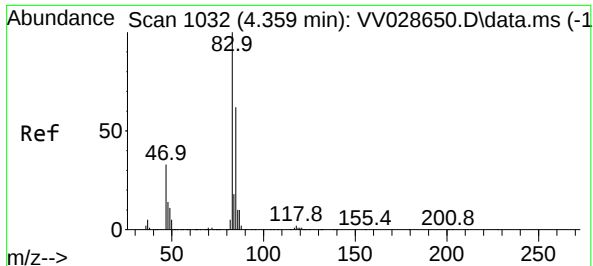
Tgt Ion: 84 Resp: 6314
Ion Ratio Lower Upper
84 100
86 62.9 44.4 82.4
49 179.3 110.8 205.8



#18
trans-1,2-Dichloroethene
Concen: 0.041 ug/L
RT: 2.748 min Scan# 531
Delta R.T. 0.006 min
Lab File: VV028652.D
Acq: 21 Oct 2022 11:06

Tgt Ion: 96 Resp: 616
Ion Ratio Lower Upper
96 100
61 82.1 114.3 212.3#
98 35.0 45.0 83.6#





#25

Chloroform

Concen: 0.124 ug/L

RT: 4.362 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028652.D

Acq: 21 Oct 2022 11:06

Instrument :

MSVOA_V

ClientSampleId :

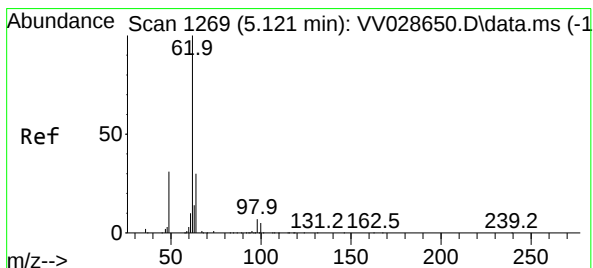
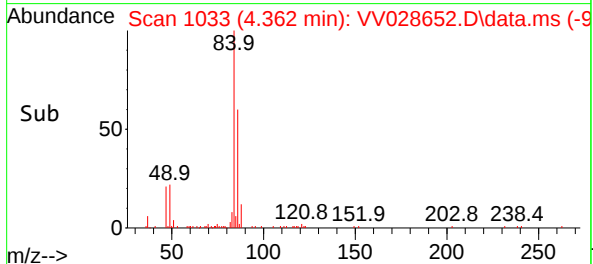
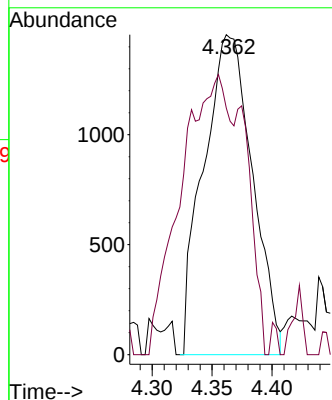
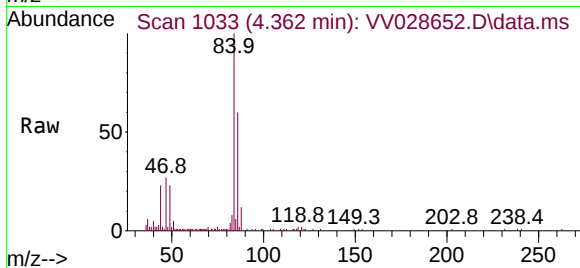
VHBLK001

Tgt Ion: 83 Resp: 4122

Ion Ratio Lower Upper

83 100

85 77.1 44.1 81.9



#27

1,2-Dichloroethane

Concen: 0.098 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.077 min

Lab File: VV028652.D

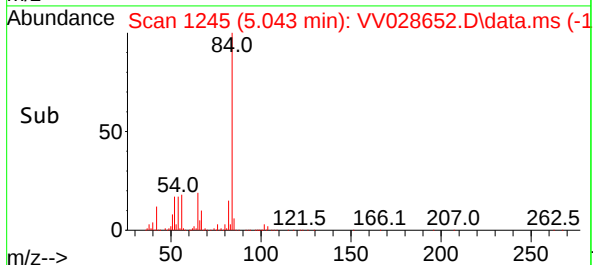
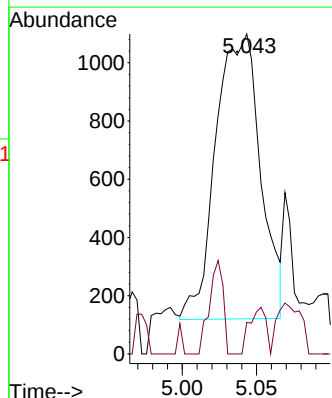
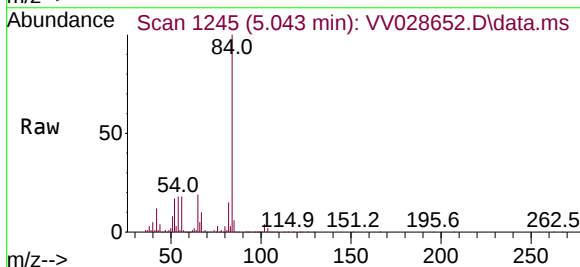
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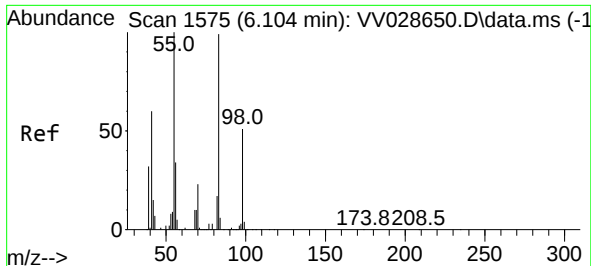
Tgt Ion: 62 Resp: 2047

Ion Ratio Lower Upper

62 100

98 9.8 6.6 9.8

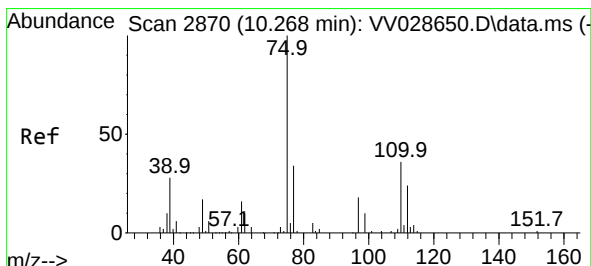
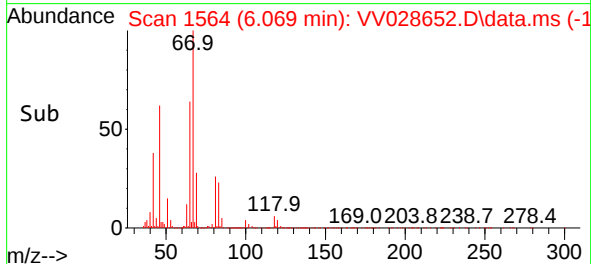
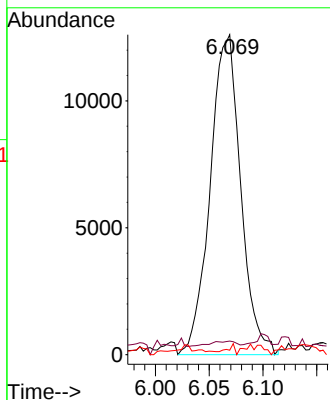
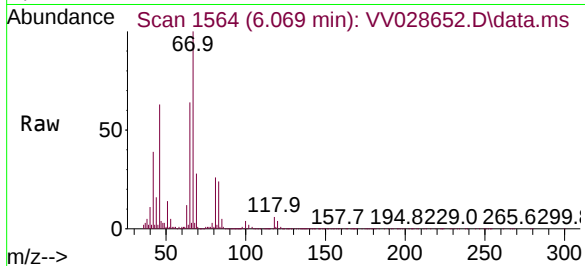




#35
Methylcyclohexane
Concen: 1.056 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.035 min
Lab File: VV028652.D
Acq: 21 Oct 2022 11:06

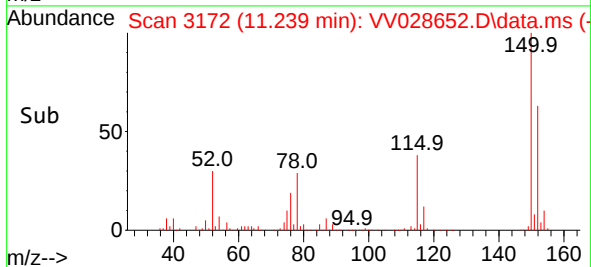
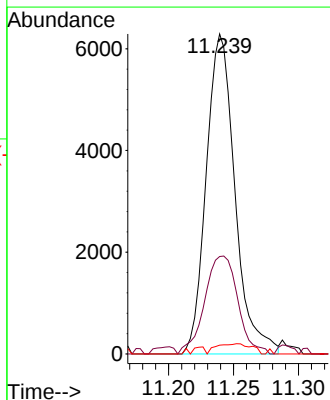
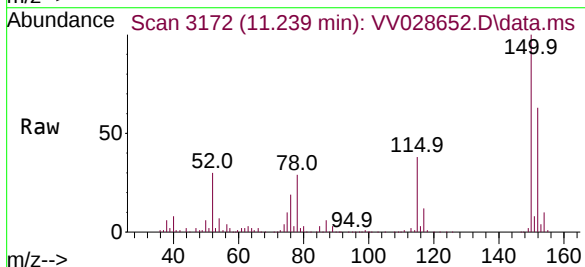
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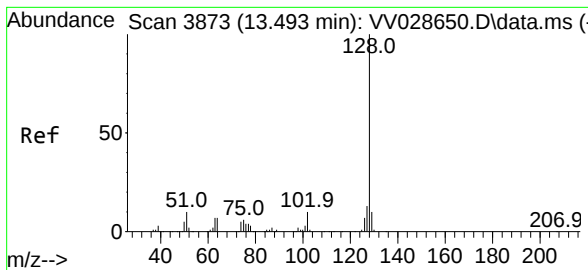
Tgt Ion: 83 Resp: 24886
Ion Ratio Lower Upper
83 100
55 1.5 70.0 105.0#
98 0.8 35.6 53.4#



#61
1,2,3-Trichloropropane
Concen: 1.476 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.971 min
Lab File: VV028652.D
Acq: 21 Oct 2022 11:06

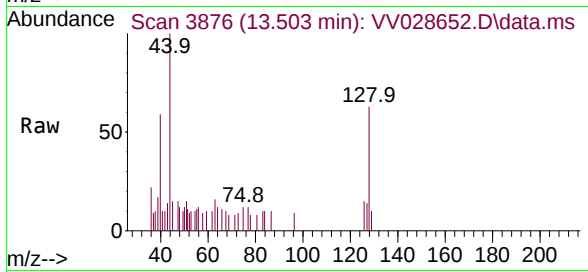
Tgt Ion: 75 Resp: 9675
Ion Ratio Lower Upper
75 100
77 35.2 25.2 37.8
110 3.9 27.9 41.9#





#71
Naphthalene
Concen: 0.074 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.010 min
Lab File: VV028652.D
Acq: 21 Oct 2022 11:06

Instrument : MSVOA_V
ClientSampleId : VHBLK001



Tgt Ion:	128	Resp:	1406
Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.9	13.3
127	13.9	10.2	15.4

