

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040722\
 Data File : VW025392.D
 Acq On : 07 Apr 2022 18:02
 Operator : SY/MD
 Sample : N2291-04DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B31DL

Quant Time: Apr 08 01:24:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 08 01:19:10 2022
 Response via : Initial Calibration

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

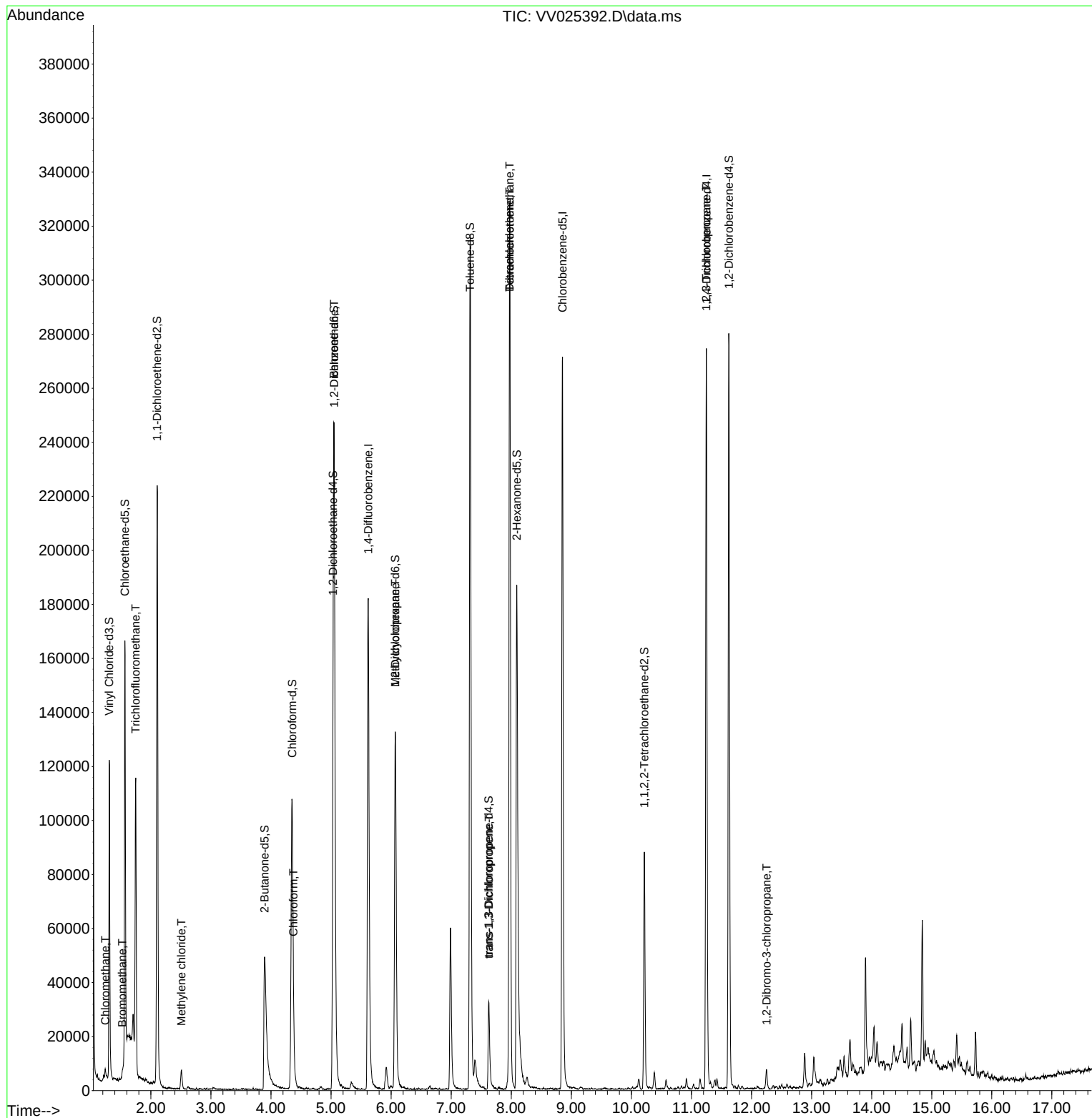
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	169766	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	158009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	80012	5.046	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.000%		
7) Chloroethane-d5	1.568	69	96141	7.224	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 144.400%#		
11) 1,1-Dichloroethene-d2	2.105	63	115684	3.368	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 67.400%		
20) 2-Butanone-d5	3.892	46	90745	57.448	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.900%		
24) Chloroform-d	4.352	84	109941	5.312	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 106.200%		
26) 1,2-Dichloroethane-d4	5.034	65	51313	5.610	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.200%		
32) Benzene-d6	5.050	84	236759	5.923	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 118.400%		
36) 1,2-Dichloropropane-d6	6.069	67	65020	5.804	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 116.000%		
41) Toluene-d8	7.317	98	214966	5.863	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 117.200%		
43) trans-1,3-Dichloroprop...	7.625	79	19014	5.203	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 104.000%		
46) 2-Hexanone-d5	8.092	63	76319	57.819	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 115.640%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39994	5.354	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.000%		
66) 1,2-Dichlorobenzene-d4	11.622	152	72755	6.186	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 123.800%#		
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	2165	0.108	ug/L	86
6) Bromomethane	1.523	94	661	0.050	ug/L	83
9) Trichlorofluoromethane	1.748	101	60270	1.996	ug/L	100
16) Methylene chloride	2.510	84	2907	0.217	ug/L	94
25) Chloroform	4.375	83	3120	0.137	ug/L	95
27) 1,2-Dichloroethane	5.053	62	1257	0.107	ug/L #	73
35) Methylcyclohexane	6.069	83	16038	0.804	ug/L #	22
44) trans-1,3-Dichloropropene	7.629	75	931	0.085	ug/L	95
47) Tetrachloroethene	7.976	164	73098	7.789	ug/L	97
49) Dibromochloromethane	7.973	129	68123	8.600	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	9078	1.638	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.249	75	302	0.304	ug/L #	1

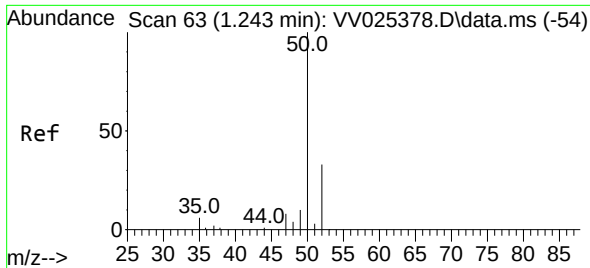
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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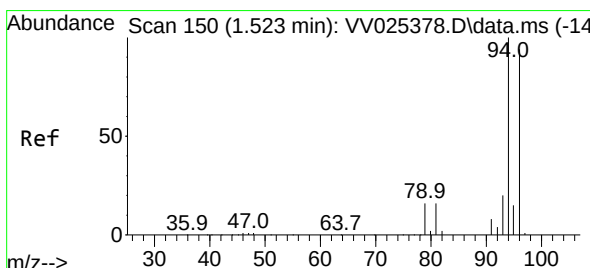
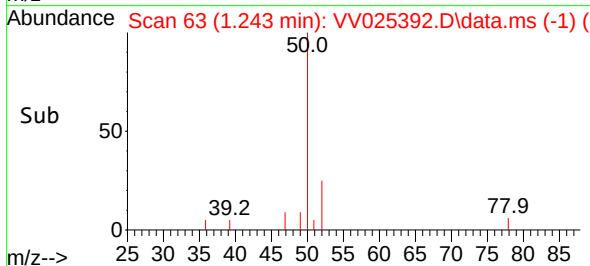
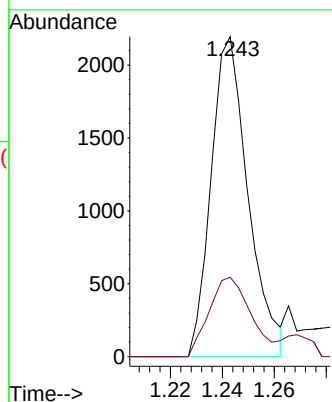
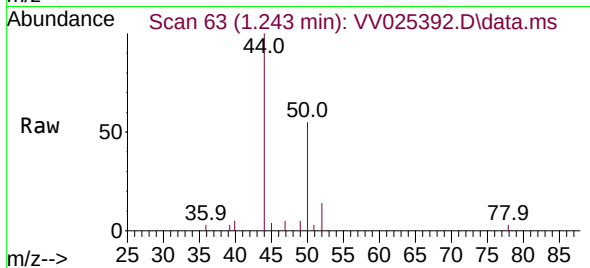




#3
Chloromethane
Concen: 0.108 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025392.D
Acq: 07 Apr 2022 18:02

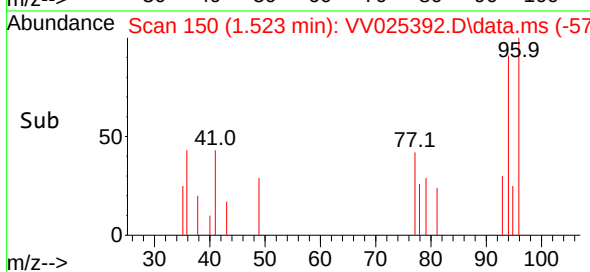
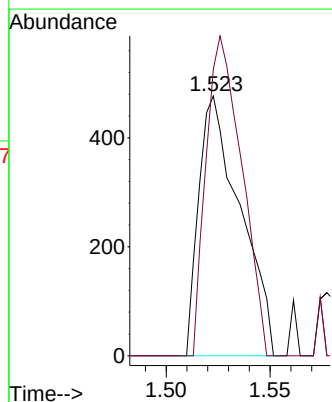
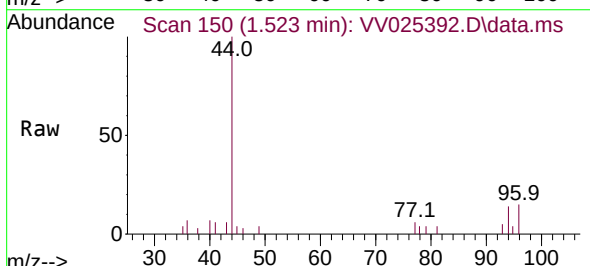
Instrument :
MSVOA_V
ClientSampleId :
C0B31DL

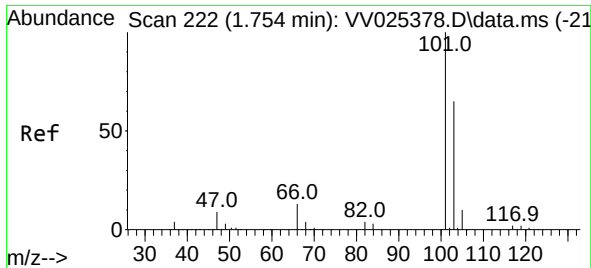
Tgt Ion: 50 Resp: 2165
Ion Ratio Lower Upper
50 100
52 24.8 22.9 42.5



#6
Bromomethane
Concen: 0.050 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV025392.D
Acq: 07 Apr 2022 18:02

Tgt Ion: 94 Resp: 661
Ion Ratio Lower Upper
94 100
96 110.3 65.5 121.7

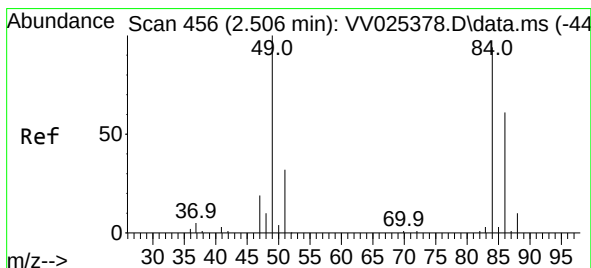
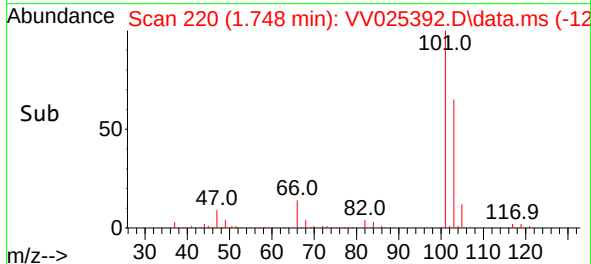
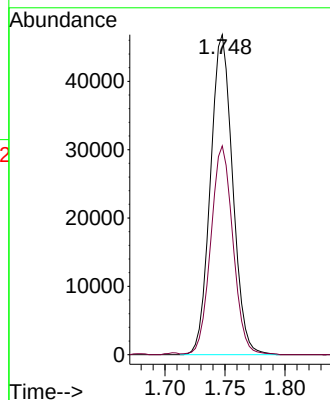
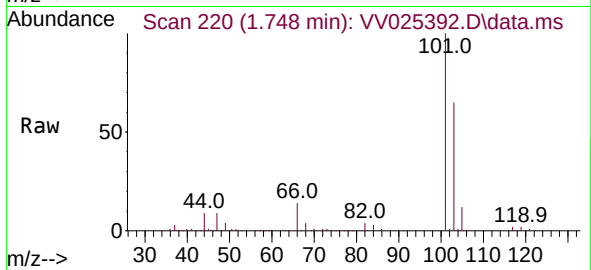




#9
 Trichlorofluoromethane
 Concen: 1.996 ug/L
 RT: 1.748 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VV025392.D
 Acq: 07 Apr 2022 18:02

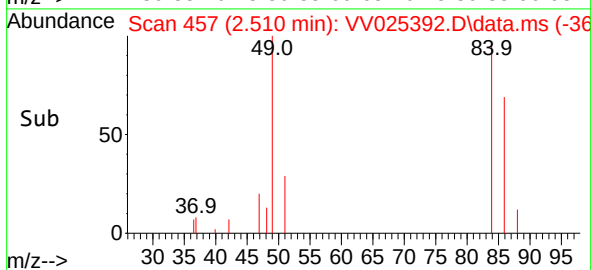
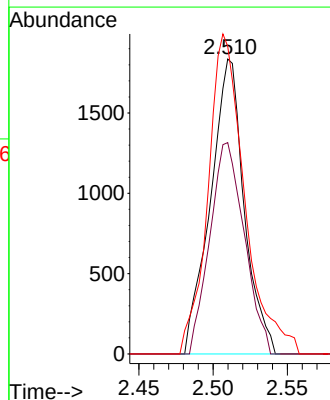
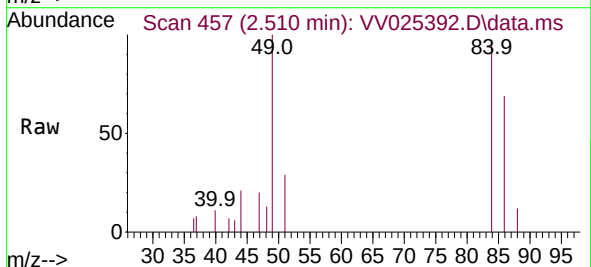
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B31DL

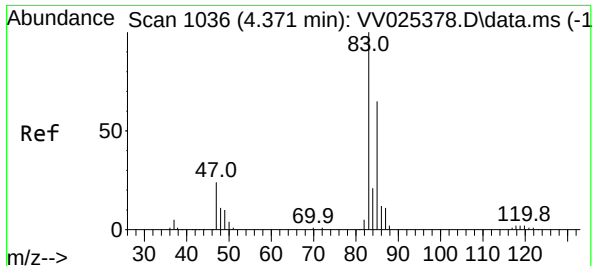
Tgt Ion:101 Resp: 60270
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.2



#16
 Methylene chloride
 Concen: 0.217 ug/L
 RT: 2.510 min Scan# 457
 Delta R.T. 0.003 min
 Lab File: VV025392.D
 Acq: 07 Apr 2022 18:02

Tgt Ion: 84 Resp: 2907
 Ion Ratio Lower Upper
 84 100
 86 71.7 43.5 80.7
 49 104.3 74.5 138.3





#25

Chloroform

Concen: 0.137 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025392.D

Acq: 07 Apr 2022 18:02

Instrument :

MSVOA_V

ClientSampleId :

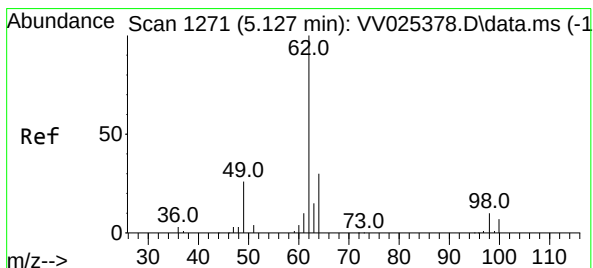
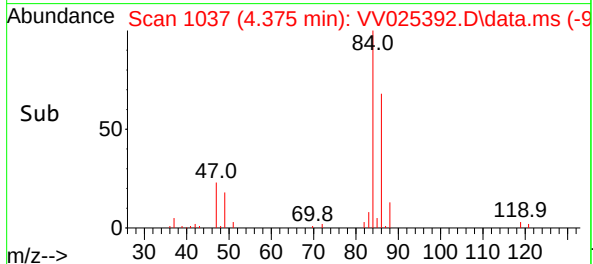
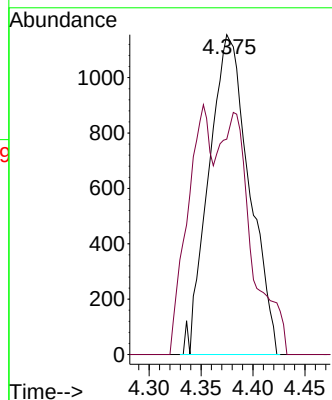
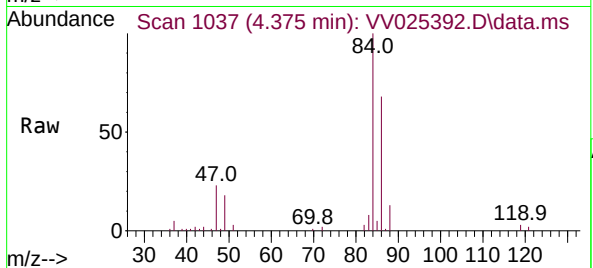
C0B31DL

Tgt Ion: 83 Resp: 3120

Ion Ratio Lower Upper

83 100

85 67.4 44.7 82.9



#27

1,2-Dichloroethane

Concen: 0.107 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV025392.D

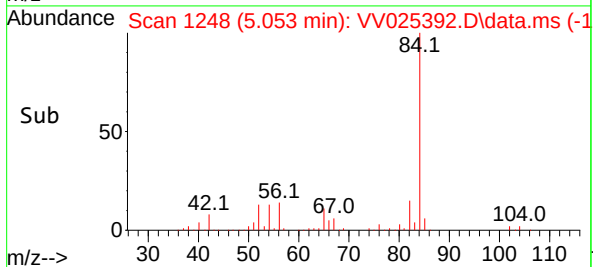
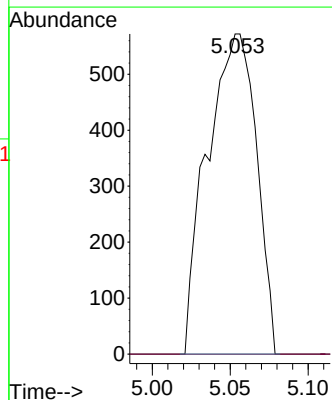
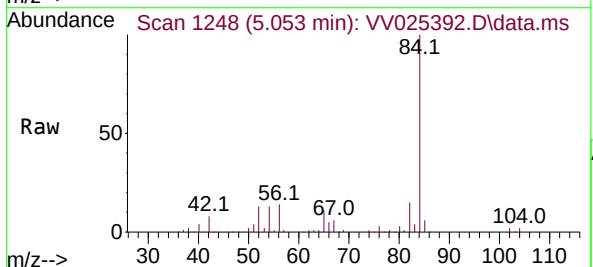
Acq: 07 Apr 2022 18:02

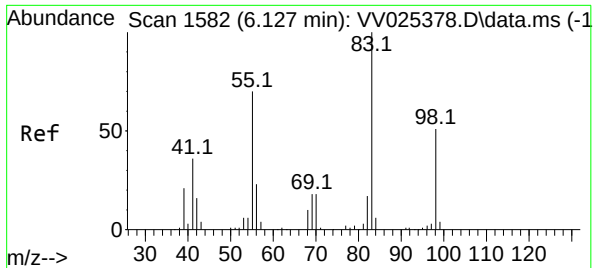
Tgt Ion: 62 Resp: 1257

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#

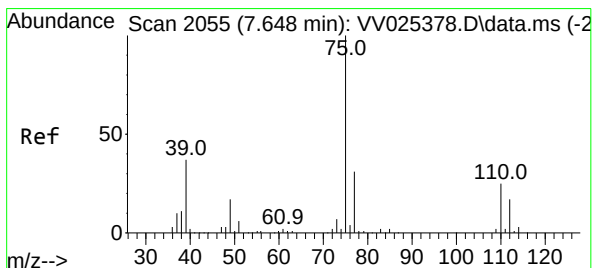
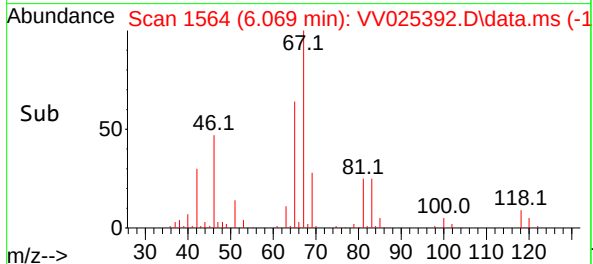
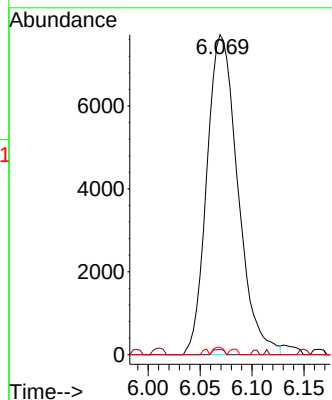
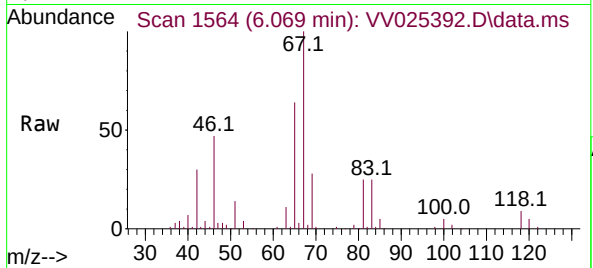




#35
Methylcyclohexane
Concen: 0.804 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV025392.D
Acq: 07 Apr 2022 18:02

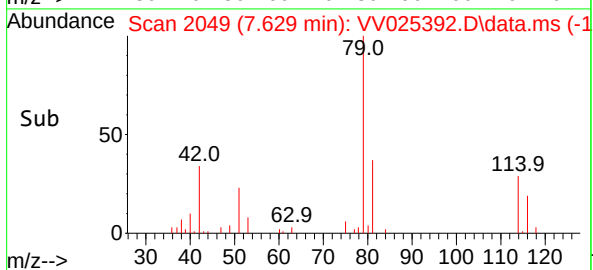
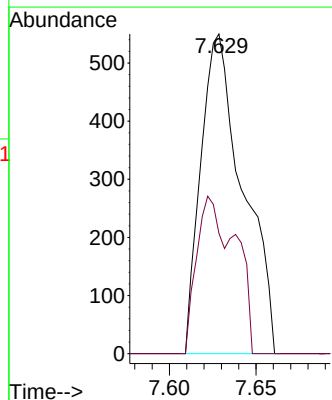
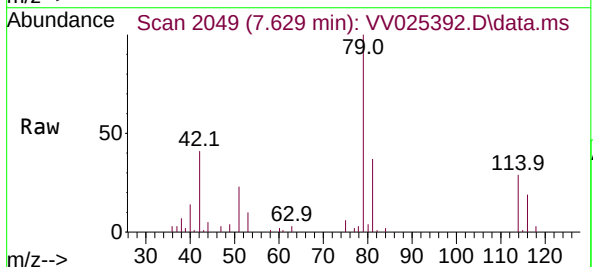
Instrument :
MSVOA_V
ClientSampleId :
C0B31DL

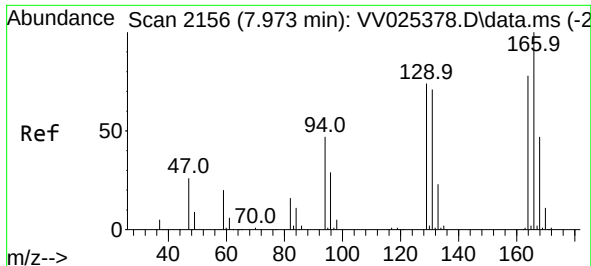
Tgt Ion: 83 Resp: 16038
Ion Ratio Lower Upper
83 100
55 0.6 54.6 81.8#
98 0.8 39.8 59.6#



#44
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.019 min
Lab File: VV025392.D
Acq: 07 Apr 2022 18:02

Tgt Ion: 75 Resp: 931
Ion Ratio Lower Upper
75 100
77 37.6 24.2 45.0





#47

Tetrachloroethene

Concen: 7.789 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV025392.D

Acq: 07 Apr 2022 18:02

Instrument :

MSVOA_V

ClientSampleId :

C0B31DL

Tgt Ion:164 Resp: 73098

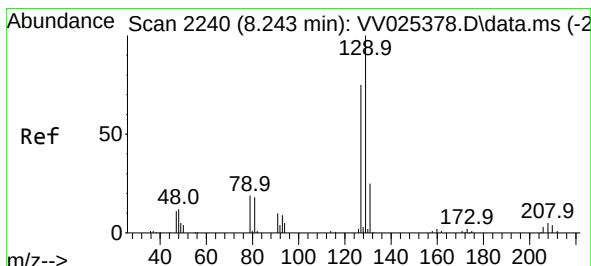
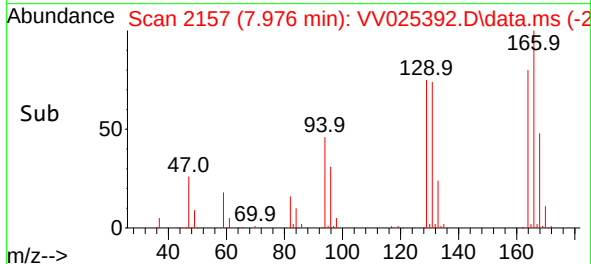
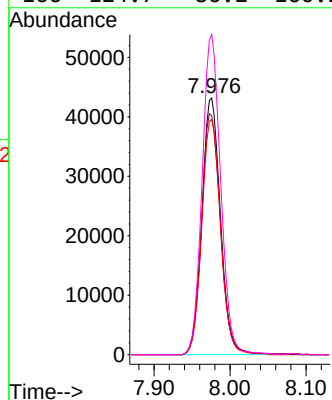
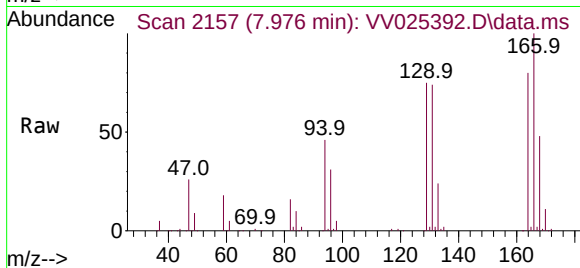
Ion Ratio Lower Upper

164 100

129 93.1 67.5 125.4

131 91.7 68.0 126.4

166 124.7 86.2 160.2



#49

Dibromochloromethane

Concen: 8.600 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV025392.D

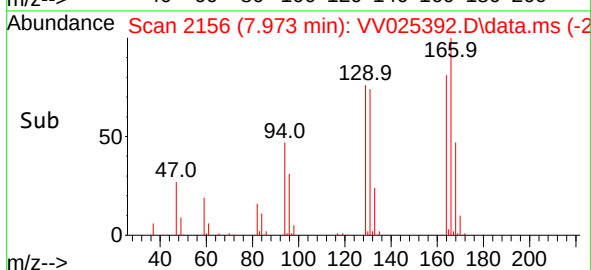
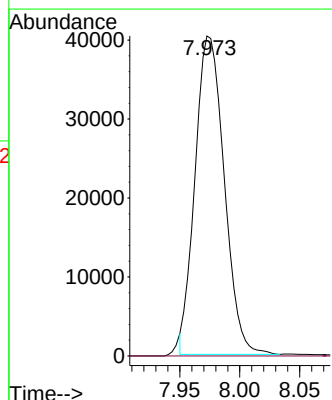
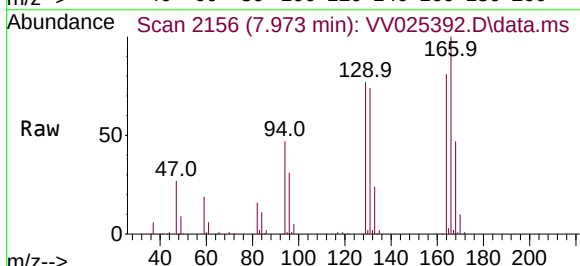
Acq: 07 Apr 2022 18:02

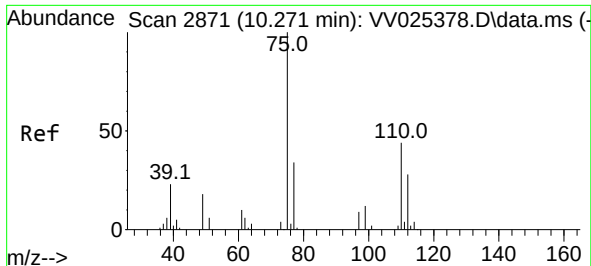
Tgt Ion:129 Resp: 68123

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#

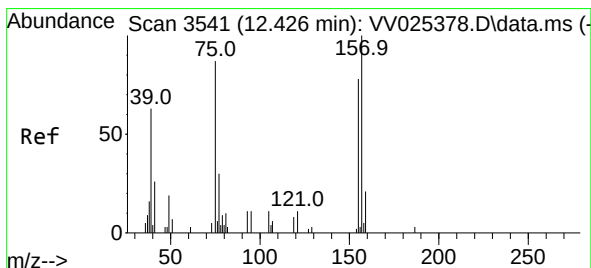
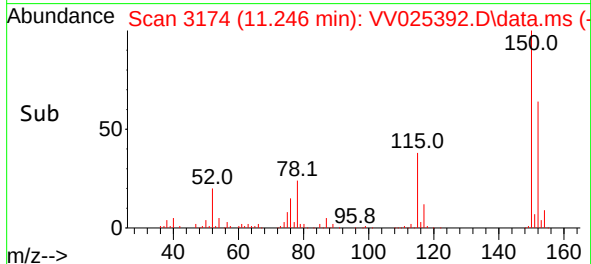
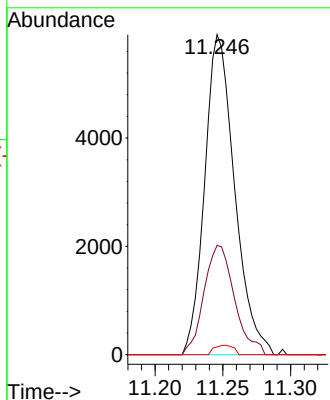
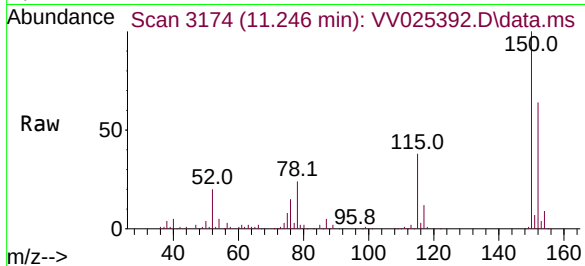




#61
 1,2,3-Trichloropropane
 Concen: 1.638 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025392.D
 Acq: 07 Apr 2022 18:02

Instrument :
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Tgt Ion: 75 Resp: 9078
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.8 38.6
 110 1.9 31.6 47.4#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.304 ug/L
 RT: 12.249 min Scan# 3486
 Delta R.T. -0.177 min
 Lab File: VV025392.D
 Acq: 07 Apr 2022 18:02

Tgt Ion: 75 Resp: 302
 Ion Ratio Lower Upper
 75 100
 155 0.0 80.0 120.0#
 157 0.0 94.5 141.7#

