

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025414.D
 Acq On : 08 Apr 2022 16:47
 Operator : SY/MD
 Sample : N2291-02DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 09 05:09:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:40:11 2022
 Response via : Initial Calibration

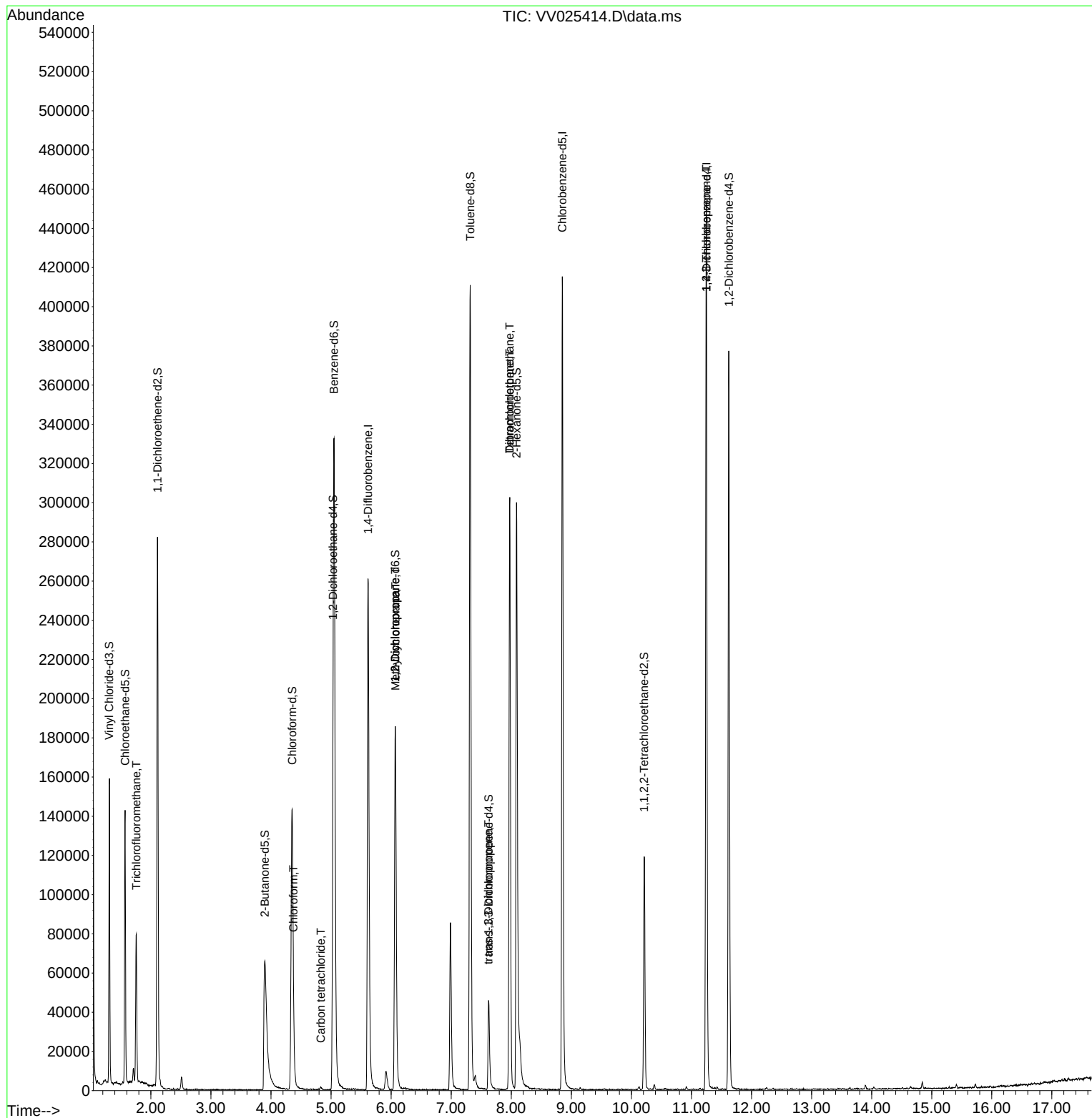
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	233939	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	229395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	116466	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	97055	4.462	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.200%	
7) Chloroethane-d5	1.571	69	88713	3.834	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.600%	
11) 1,1-Dichloroethene-d2	2.111	63	148042	3.398	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.000%	
20) 2-Butanone-d5	3.896	46	139147	52.595	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.200%	
24) Chloroform-d	4.352	84	151181	4.600	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.034	65	70013	4.944	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
32) Benzene-d6	5.050	84	314361	4.736	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.069	67	90369	4.882	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.600%	
41) Toluene-d8	7.317	98	278108	4.515	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	7.625	79	28005	4.501	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.088	63	108708	49.784	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.560%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55312	4.730	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	95127	4.872	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.400%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.757	101	43985	1.207	ug/L	99
25) Chloroform	4.375	83	3463	0.114	ug/L	88
31) Carbon tetrachloride	4.828	117	788	0.034	ug/L	98
35) Methylcyclohexane	6.072	83	22686	0.790	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	9957	0.635	ug/L #	85
44) trans-1,3-Dichloropropene	7.619	75	1333	0.084	ug/L	86
47) Tetrachloroethene	7.976	164	66238	4.702	ug/L	97
49) Dibromochloromethane	7.976	129	60921	5.286	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	13896	1.812	ug/L #	62

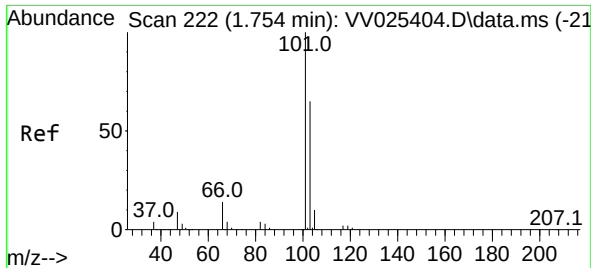
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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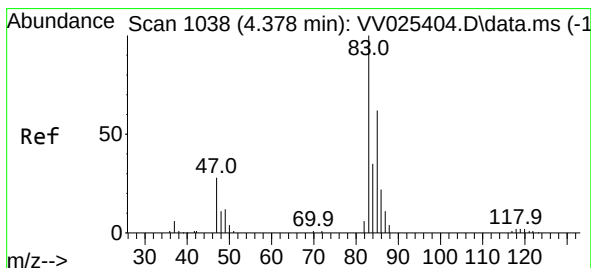
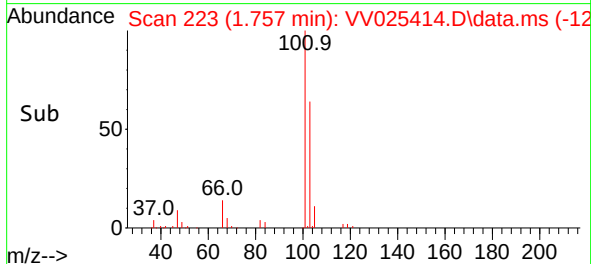
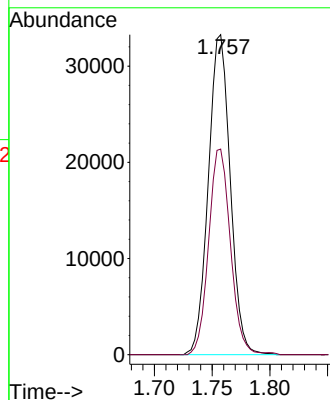
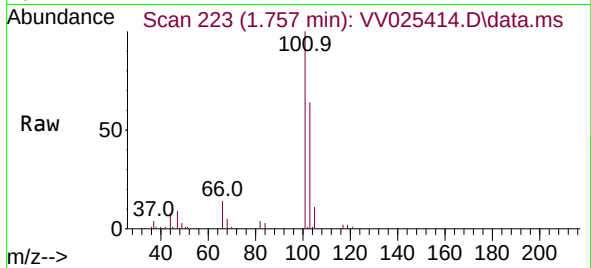




#9
Trichlorofluoromethane
Concen: 1.207 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025414.D
Acq: 08 Apr 2022 16:47

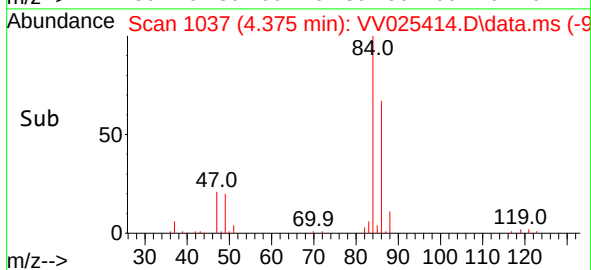
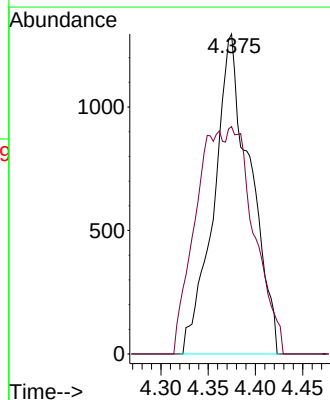
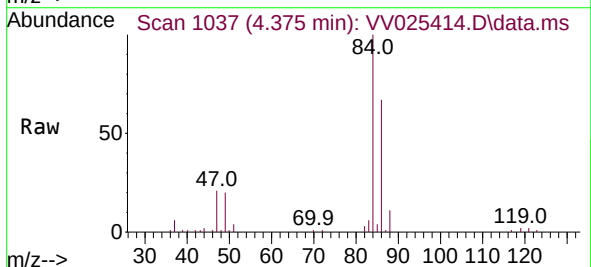
Instrument :
MSVOA_V
ClientSampleId :

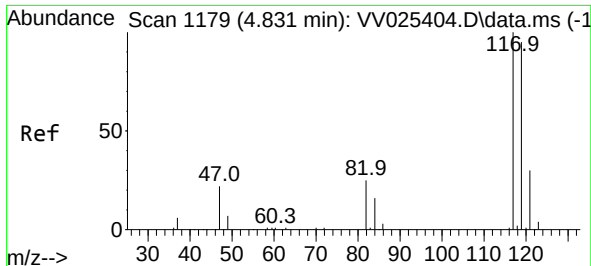
Tgt Ion:101 Resp: 43985
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9



#25
Chloroform
Concen: 0.114 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV025414.D
Acq: 08 Apr 2022 16:47

Tgt Ion: 83 Resp: 3463
Ion Ratio Lower Upper
83 100
85 71.1 43.5 80.7

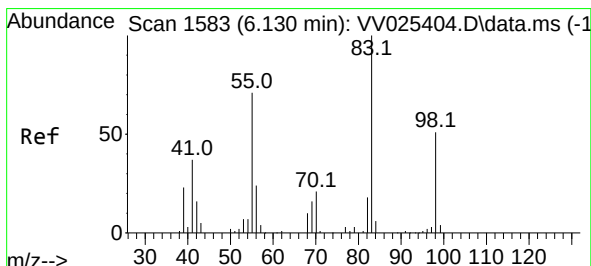
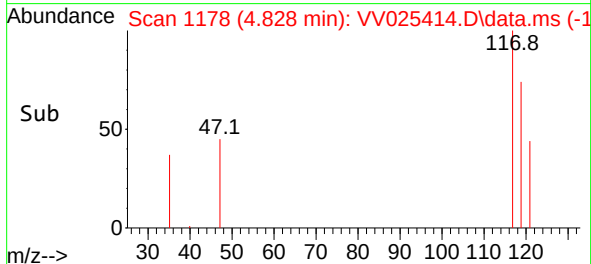
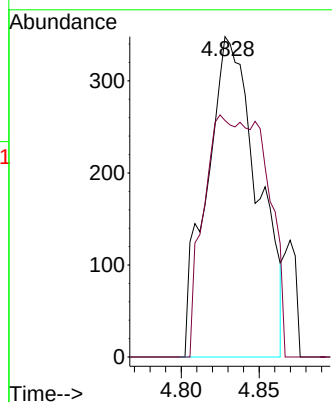
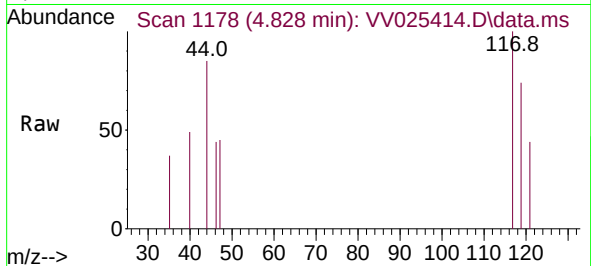




#31
Carbon tetrachloride
Concen: 0.034 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV025414.D
Acq: 08 Apr 2022 16:47

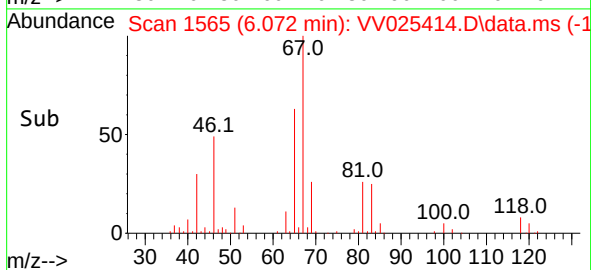
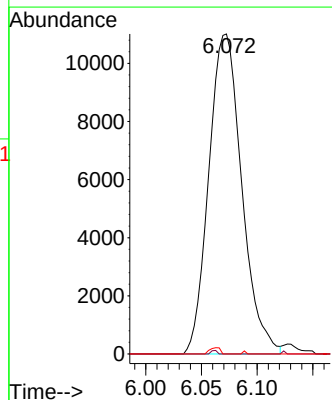
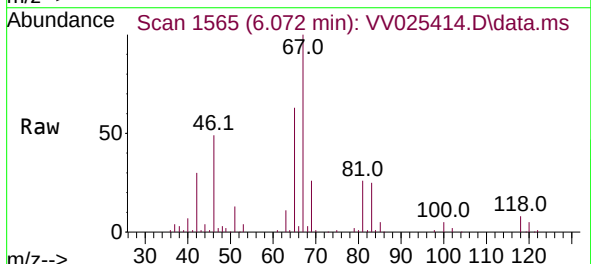
Instrument :
MSVOA_V
ClientSampleId :

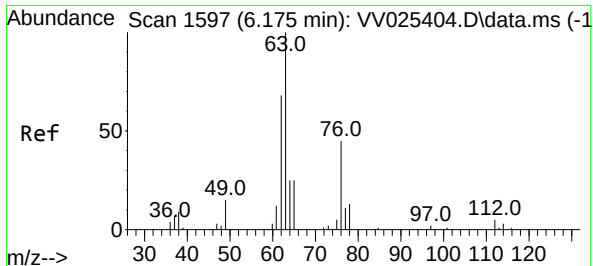
Tgt Ion:117 Resp: 788
Ion Ratio Lower Upper
117 100
119 93.7 76.6 114.8



#35
Methylcyclohexane
Concen: 0.790 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV025414.D
Acq: 08 Apr 2022 16:47

Tgt Ion: 83 Resp: 22686
Ion Ratio Lower Upper
83 100
55 0.2 53.7 80.5#
98 0.6 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.635 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV025414.D

Acq: 08 Apr 2022 16:47

Instrument :

MSVOA_V

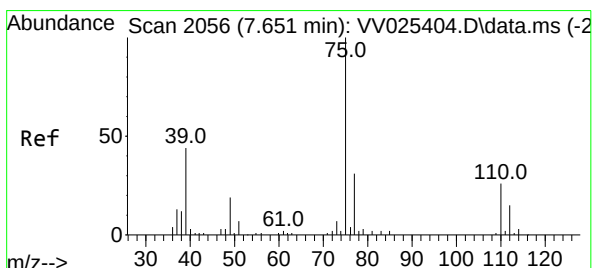
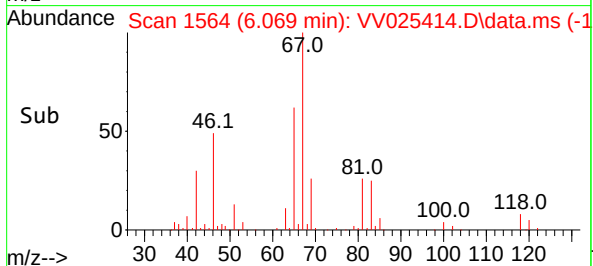
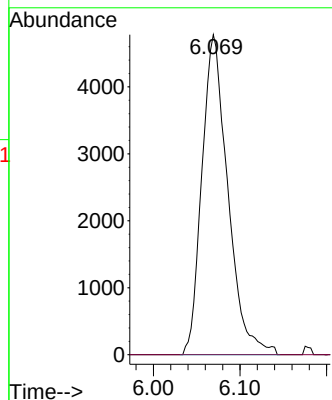
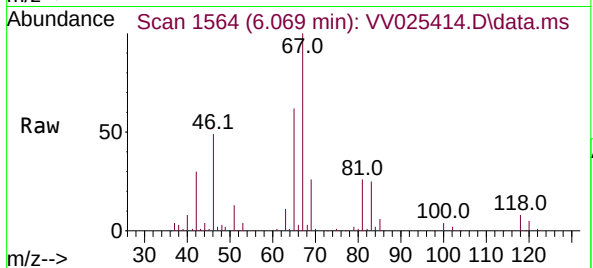
ClientSampleId :

Tgt Ion: 63 Resp: 9957

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.032 min

Lab File: VV025414.D

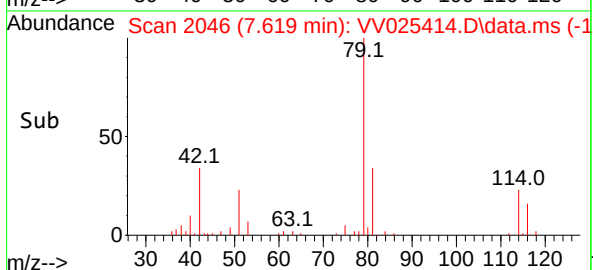
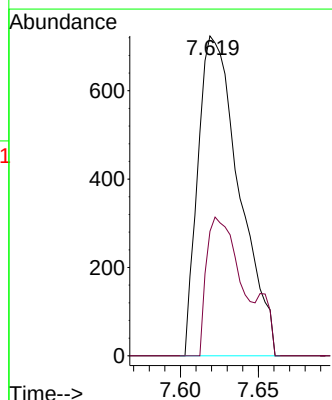
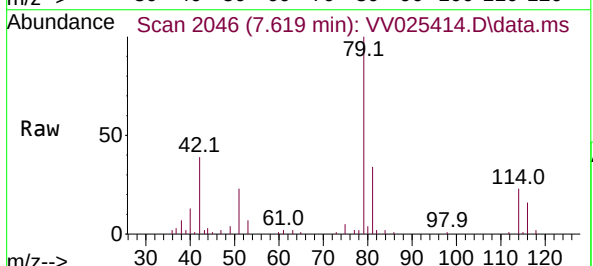
Acq: 08 Apr 2022 16:47

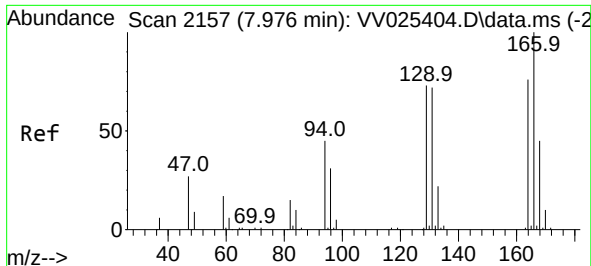
Tgt Ion: 75 Resp: 1333

Ion Ratio Lower Upper

75 100

77 39.0 21.7 40.3





#47

Tetrachloroethene

Concen: 4.702 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

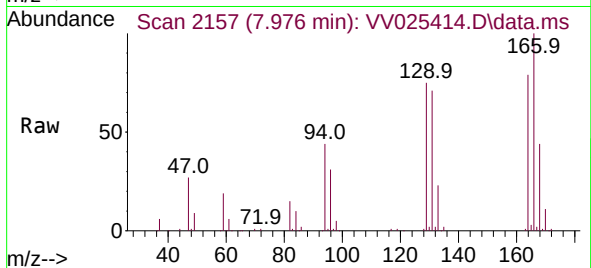
Lab File: VV025414.D

Acq: 08 Apr 2022 16:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 66238

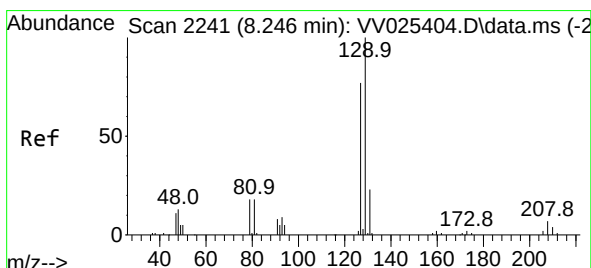
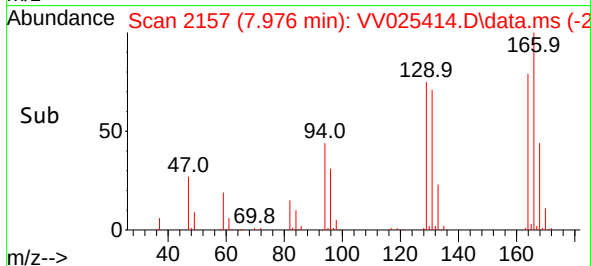
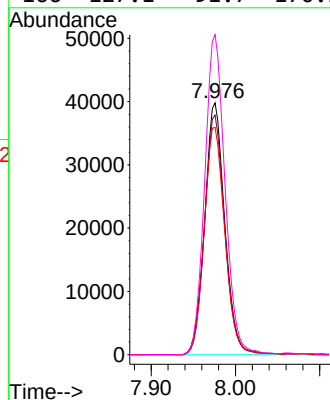
Ion Ratio Lower Upper

164 100

129 95.2 66.8 124.2

131 90.3 66.4 123.4

166 127.1 91.7 170.3



#49

Dibromochloromethane

Concen: 5.286 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV025414.D

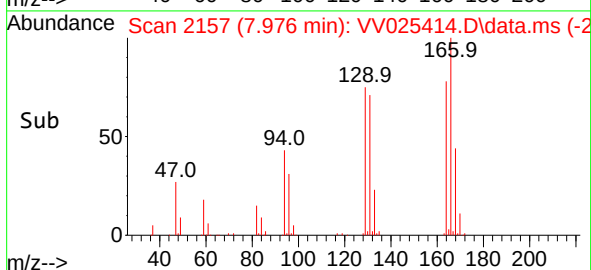
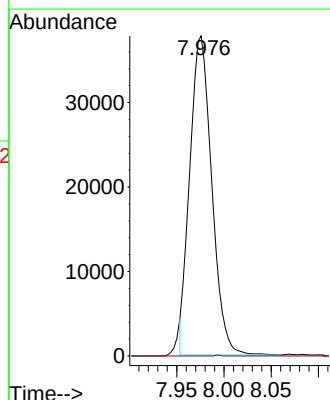
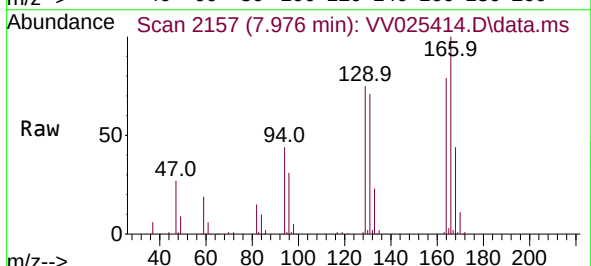
Acq: 08 Apr 2022 16:47

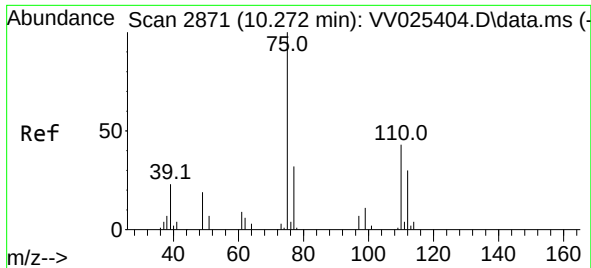
Tgt Ion:129 Resp: 60921

Ion Ratio Lower Upper

129 100

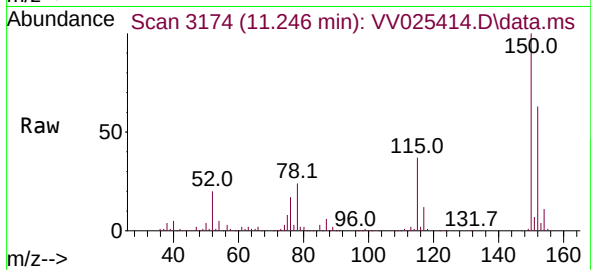
127 0.0 53.8 100.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.812 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV025414.D
 Acq: 08 Apr 2022 16:47

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	13896
Ion	Ratio	Lower Upper
75	100	
77	33.9	25.6 38.4
110	2.8	34.7 52.1#

