

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071922\
 Data File : VW026829.D
 Acq On : 19 Jul 2022 16:18
 Operator : SY/MD
 Sample : N3754-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 20 05:51:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 20 05:46:20 2022
 Response via : Initial Calibration

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

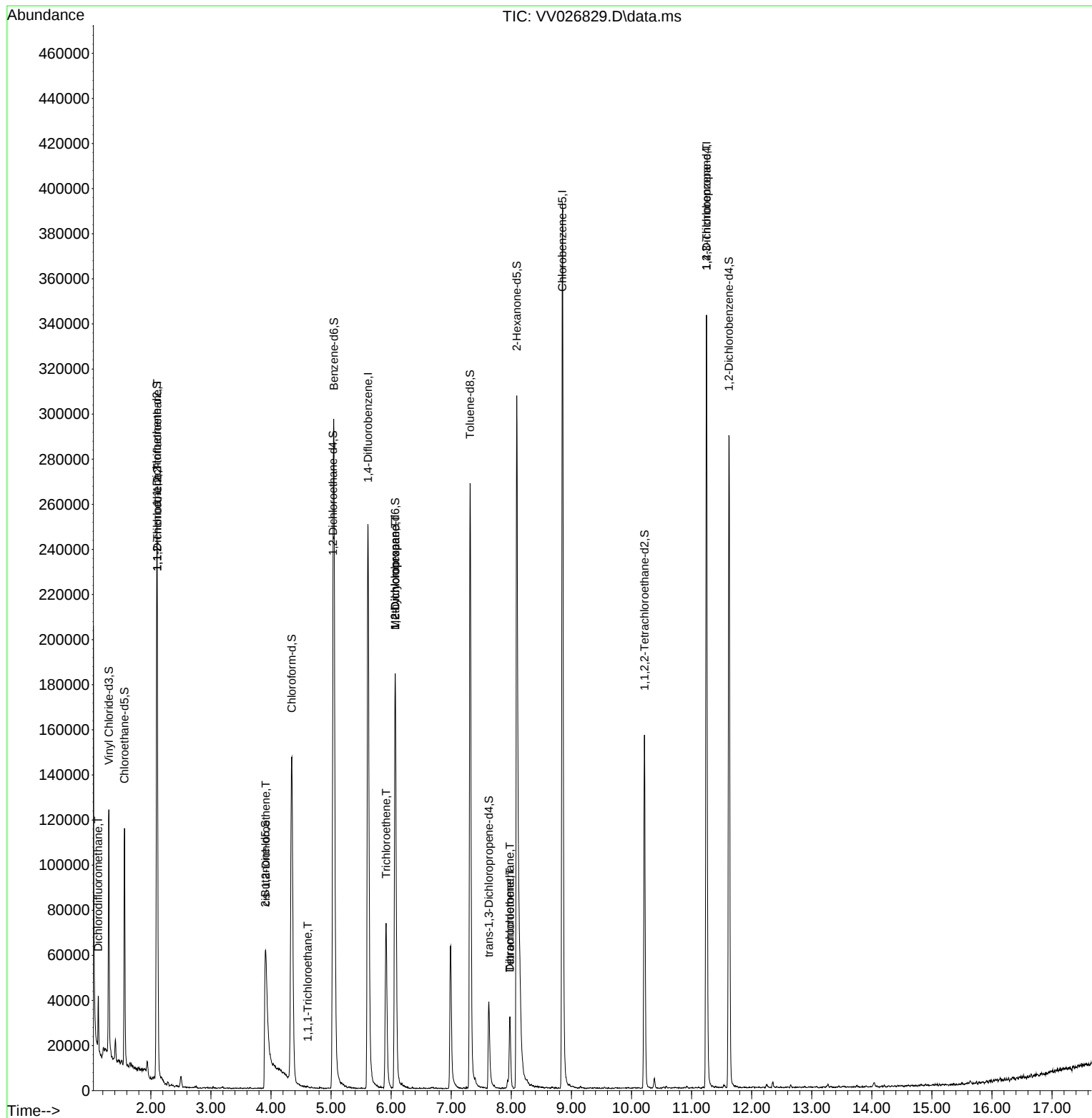
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	223841	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	230463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	92260	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68742	3.366	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.400%	
7) Chloroethane-d5	1.561	69	69134	3.918	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.400%	
11) 1,1-Dichloroethene-d2	2.098	63	98327	2.508	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	50.200%#	
20) 2-Butanone-d5	3.905	46	120557	37.826	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.660%	
24) Chloroform-d	4.346	84	161761	4.530	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	5.031	65	74567	4.780	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
32) Benzene-d6	5.047	84	269535	3.849	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.000%	
36) 1,2-Dichloropropane-d6	6.069	67	94956	4.522	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.400%	
41) Toluene-d8	7.314	98	189599	3.050	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	61.000%#	
43) trans-1,3-Dichloroprop...	7.625	79	24809	3.611	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.200%	
46) 2-Hexanone-d5	8.092	63	139124	46.776	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.560%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	78499	4.799	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	77542	4.824	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	14427	0.507	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	28372	1.402	ug/L	98
12) 1,1-Dichloroethene	2.108	96	2832	0.144	ug/L #	1
22) cis-1,2-Dichloroethene	3.912	96	6986	0.384	ug/L	96
29) 1,1,1-Trichloroethane	4.613	97	559	0.018	ug/L #	29
34) Trichloroethene	5.915	95	25872	1.366	ug/L	99
35) Methylcyclohexane	6.069	83	23630	0.818	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	10106	0.549	ug/L #	84
47) Tetrachloroethene	7.976	164	7679	0.517	ug/L	96
49) Dibromochloromethane	7.976	129	7468	0.481	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	11245	1.322	ug/L #	63

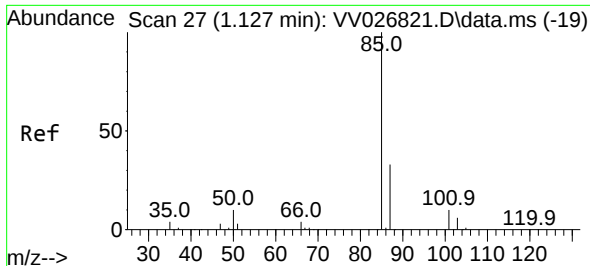
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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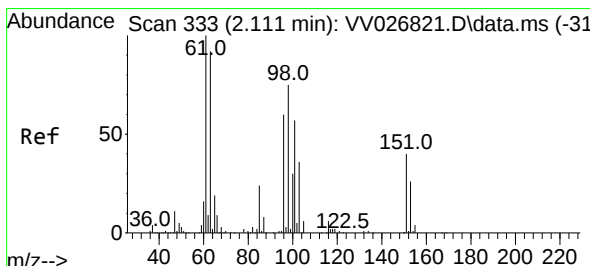
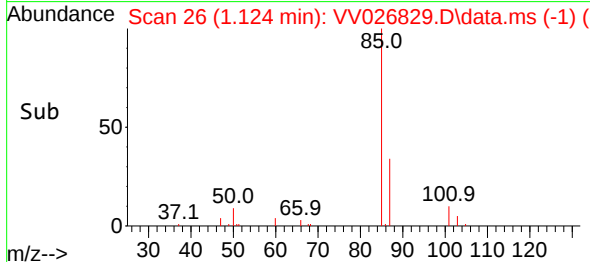
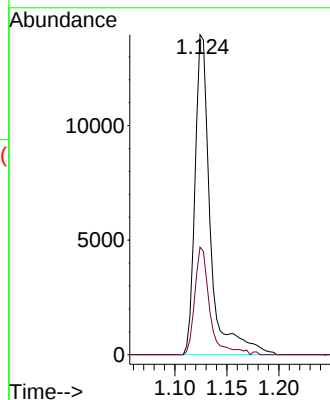
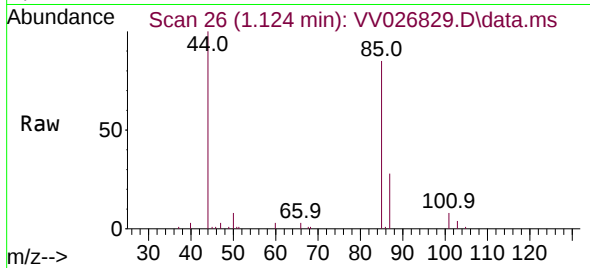




#2
 Dichlorodifluoromethane
 Concen: 0.507 ug/L
 RT: 1.124 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV026829.D
 Acq: 19 Jul 2022 16:18

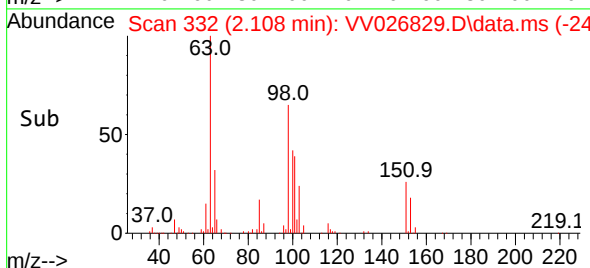
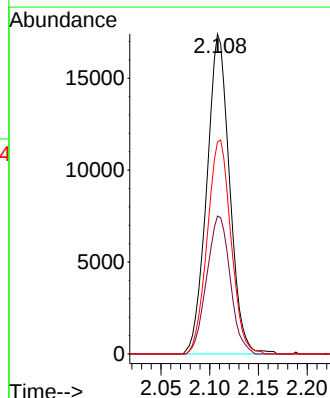
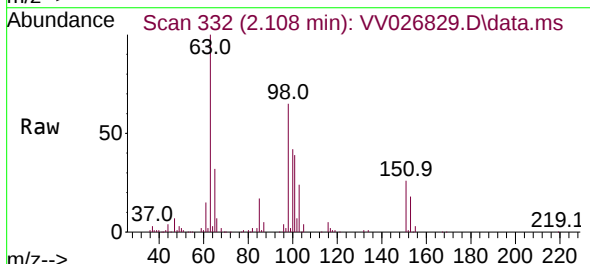
Instrument :
 MSVOA_V
 ClientSampleId :

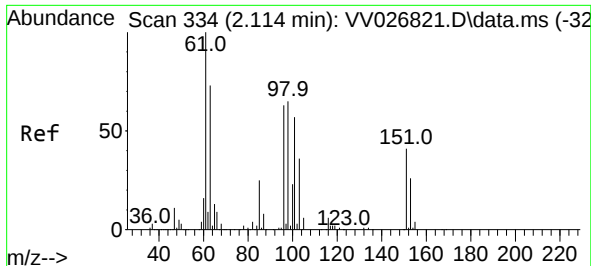
Tgt Ion: 85 Resp: 14427
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.8



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.402 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV026829.D
 Acq: 19 Jul 2022 16:18

Tgt Ion:101 Resp: 28372
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.0 52.4
 151 69.3 56.7 85.1





#12

1,1-Dichloroethene

Concen: 0.144 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV026829.D

Acq: 19 Jul 2022 16:18

Instrument :

MSVOA_V

ClientSampleId :

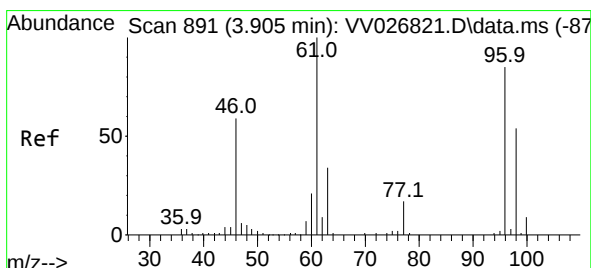
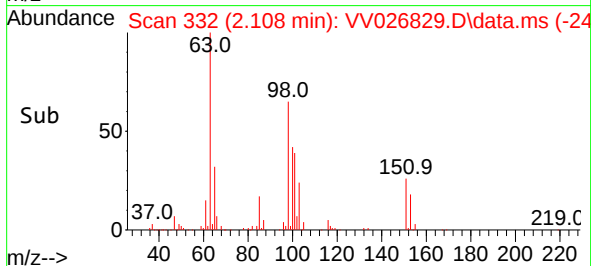
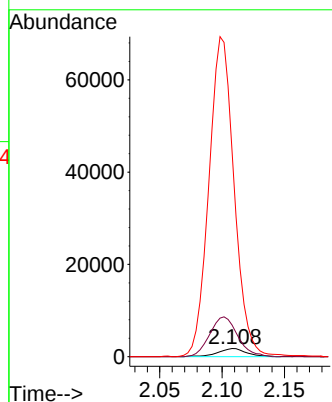
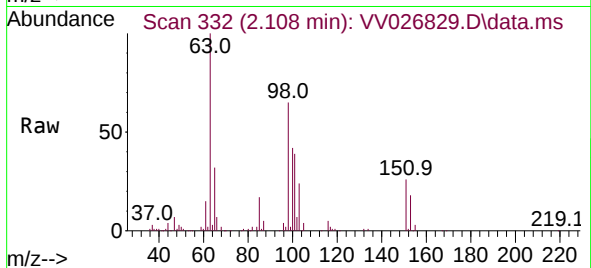
Tgt Ion: 96 Resp: 2832

Ion Ratio Lower Upper

96 100

61 386.9 118.3 219.7#

63 2510.8 79.9 148.3#



#22

cis-1,2-Dichloroethene

Concen: 0.384 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.007 min

Lab File: VV026829.D

Acq: 19 Jul 2022 16:18

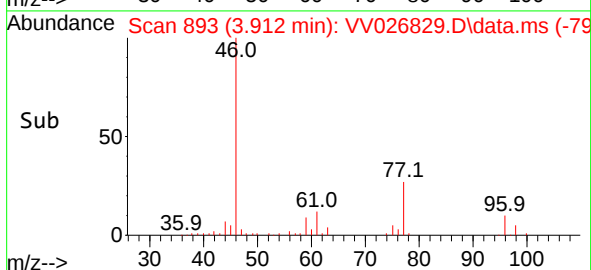
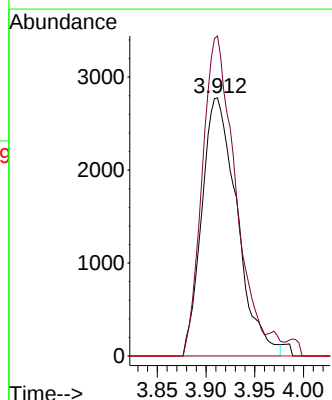
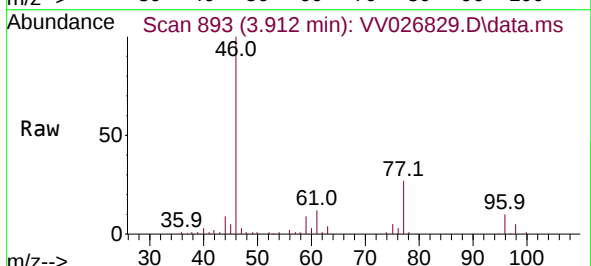
Tgt Ion: 96 Resp: 6986

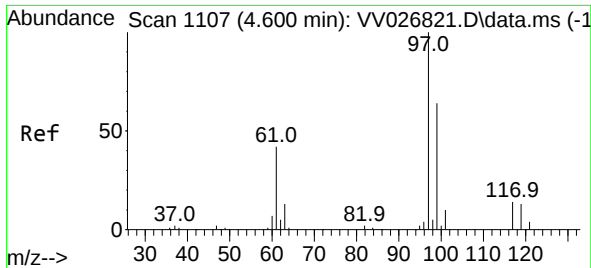
Ion Ratio Lower Upper

96 100

61 124.0 83.9 155.9

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.018 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.013 min

Lab File: VV026829.D

Acq: 19 Jul 2022 16:18

Instrument :

MSVOA_V

ClientSampleId :

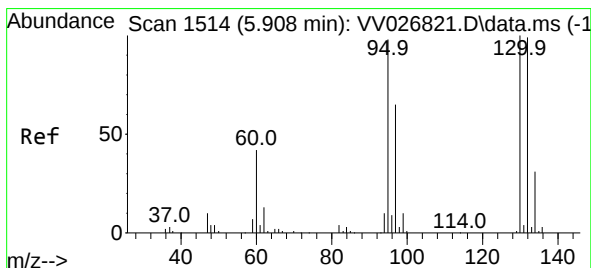
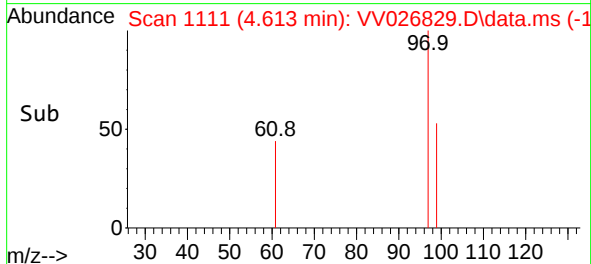
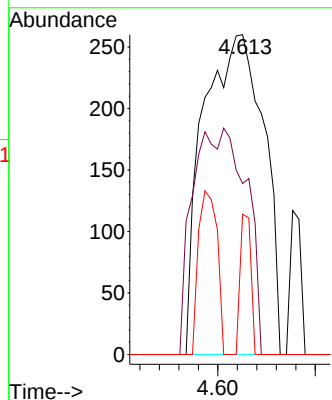
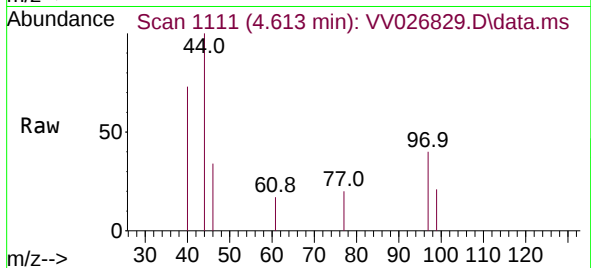
Tgt Ion: 97 Resp: 559

Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

61 7.7 35.1 52.7#



#34

Trichloroethene

Concen: 1.366 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.007 min

Lab File: VV026829.D

Acq: 19 Jul 2022 16:18

Tgt Ion: 95 Resp: 25872

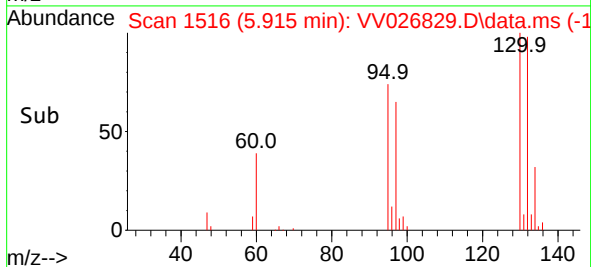
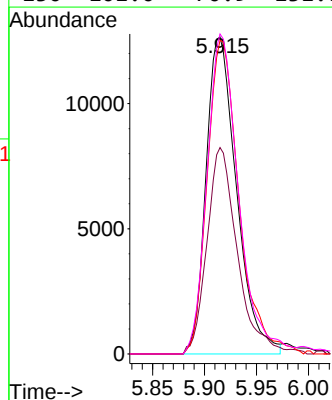
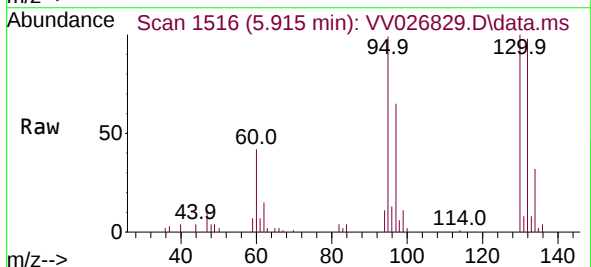
Ion Ratio Lower Upper

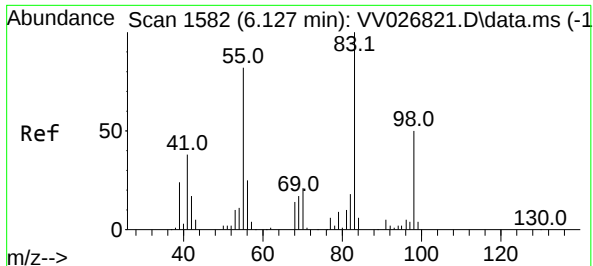
95 100

97 65.1 44.6 82.8

132 99.0 70.2 130.4

130 101.0 70.9 131.7





#35

Methylcyclohexane

Concen: 0.818 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV026829.D

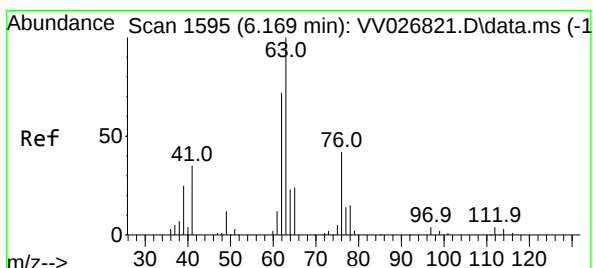
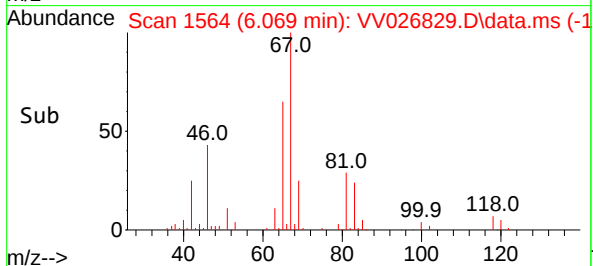
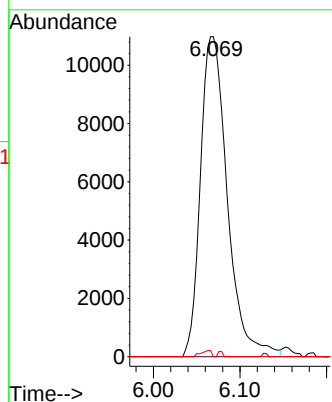
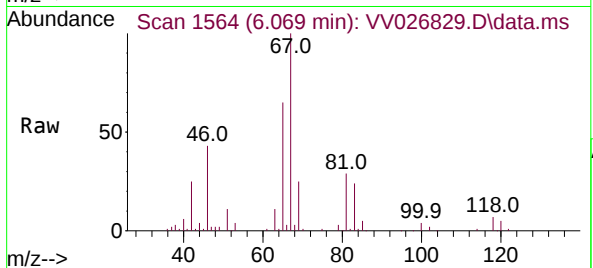
Acq: 19 Jul 2022 16:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	23630
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.8	38.3	57.5#



#37

1,2-Dichloropropane

Concen: 0.549 ug/L

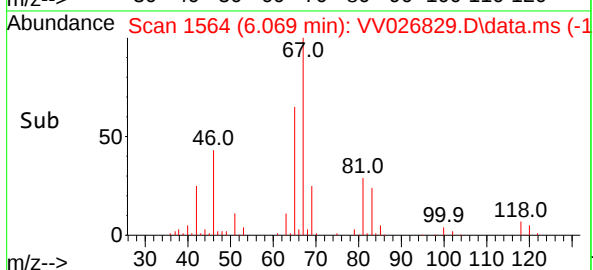
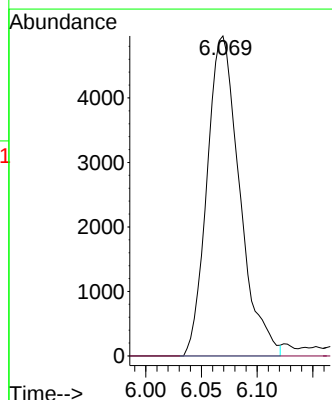
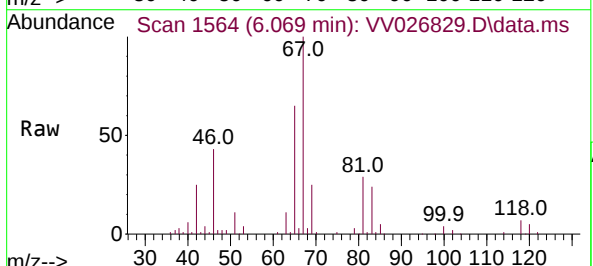
RT: 6.069 min Scan# 1564

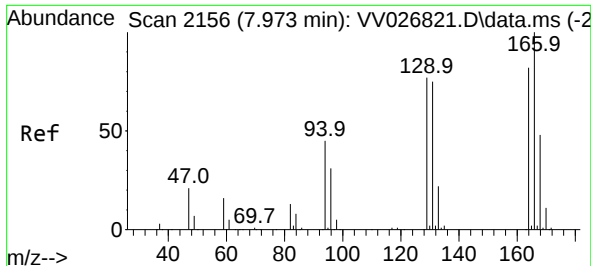
Delta R.T. -0.100 min

Lab File: VV026829.D

Acq: 19 Jul 2022 16:18

Tgt Ion:	63	Resp:	10106
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.2#





#47

Tetrachloroethene

Concen: 0.517 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV026829.D

Acq: 19 Jul 2022 16:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 7679

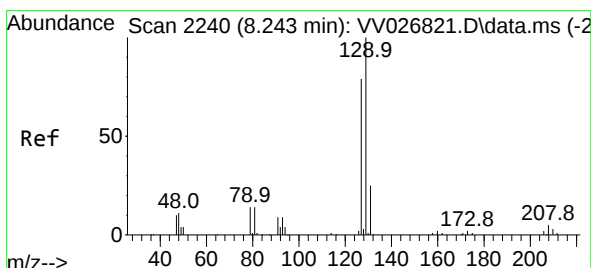
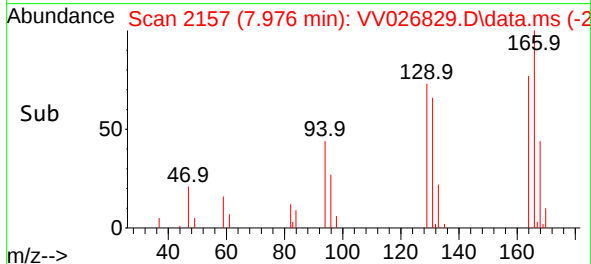
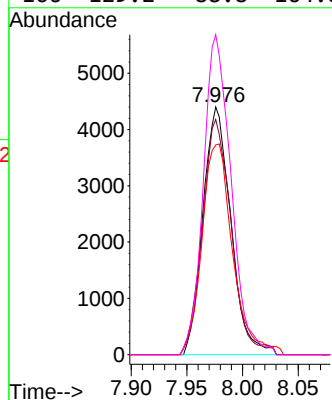
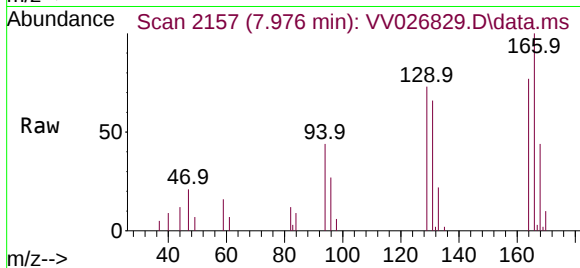
Ion Ratio Lower Upper

164 100

129 94.9 67.8 125.8

131 84.7 65.9 122.5

166 129.2 88.8 164.8



#49

Dibromochloromethane

Concen: 0.481 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV026829.D

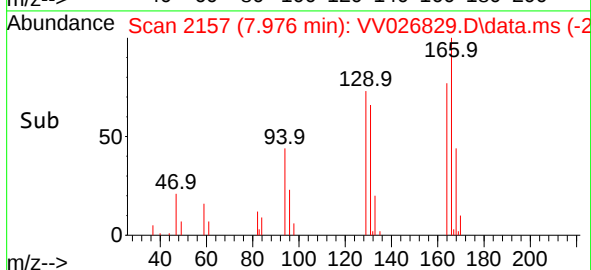
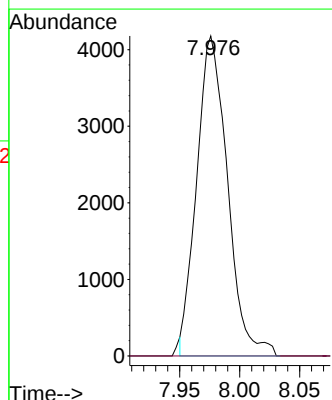
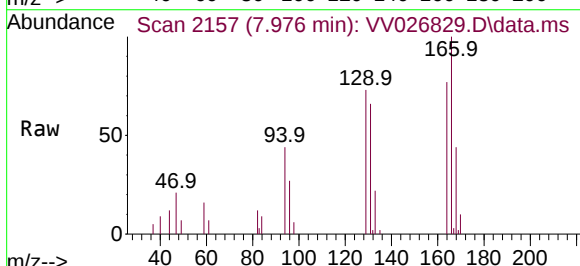
Acq: 19 Jul 2022 16:18

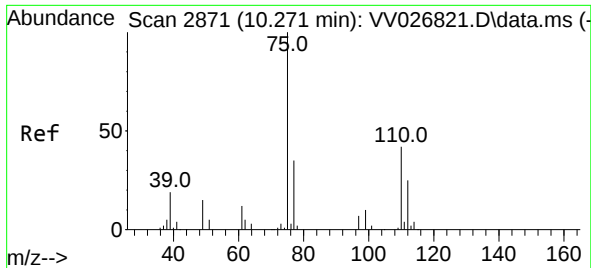
Tgt Ion:129 Resp: 7468

Ion Ratio Lower Upper

129 100

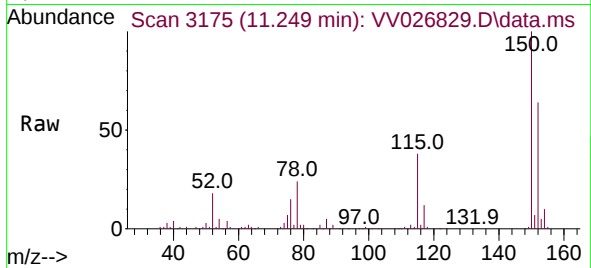
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.322 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV026829.D
 Acq: 19 Jul 2022 16:18

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 11245
 Ion Ratio Lower Upper
 75 100
 77 29.0 25.4 38.0
 110 1.4 31.8 47.6#

