

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061122\
 Data File : VW026145.D
 Acq On : 11 Jun 2022 22:15
 Operator : SY/MD
 Sample : N3312-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 07:42:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 07:40:59 2022
 Response via : Initial Calibration

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

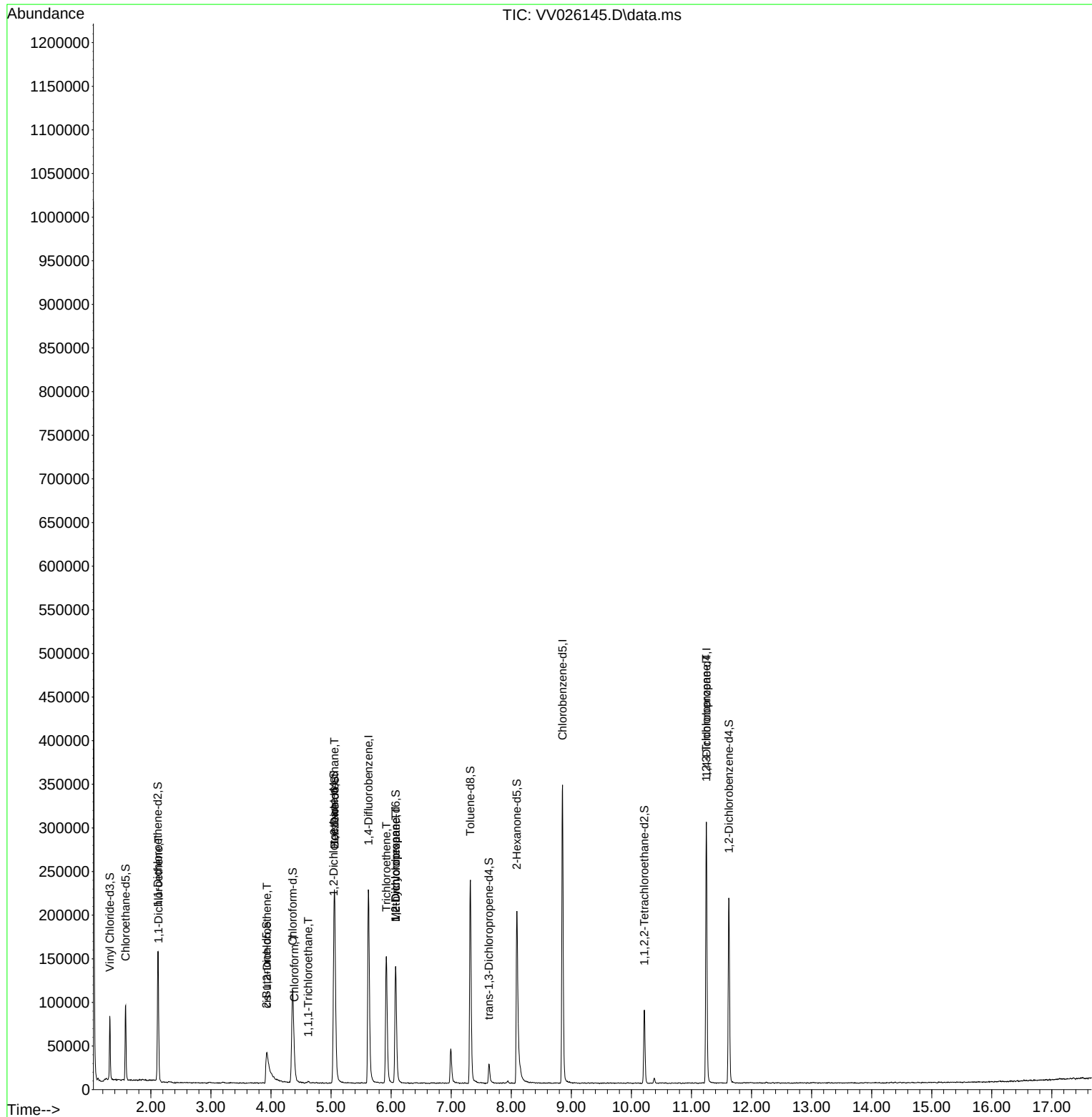
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	198051	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	191358	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78744	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	46382	3.990	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.800%	
7) Chloroethane-d5	1.581	69	55358	4.554	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.000%	
11) 1,1-Dichloroethene-d2	2.118	63	78462	2.922	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.400%#	
20) 2-Butanone-d5	3.928	46	80707	46.936	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.880%	
24) Chloroform-d	4.362	84	111819	4.538	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.044	65	48723	4.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
32) Benzene-d6	5.060	84	210231	4.546	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	6.076	67	68289	4.774	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.400%	
41) Toluene-d8	7.320	98	162532	3.977	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	7.629	79	14530	3.450	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.000%	
46) 2-Hexanone-d5	8.092	63	72439	39.084	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.160%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43020	4.460	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	55386	4.597	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.127	96	3440	0.216	ug/L #	1
22) cis-1,2-Dichloroethene	3.934	96	2615	0.177	ug/L	100
25) Chloroform	4.388	83	9875	0.352	ug/L	77
27) 1,2-Dichloroethane	5.056	62	966	0.070	ug/L #	72
29) 1,1,1-Trichloroethane	4.619	97	1683	0.067	ug/L #	88
34) Trichloroethene	5.921	95	52535	3.344	ug/L	98
35) Methylcyclohexane	6.076	83	16514	0.682	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	7464	0.512	ug/L #	86
61) 1,2,3-Trichloropropane	11.246	75	9485	1.543	ug/L #	64

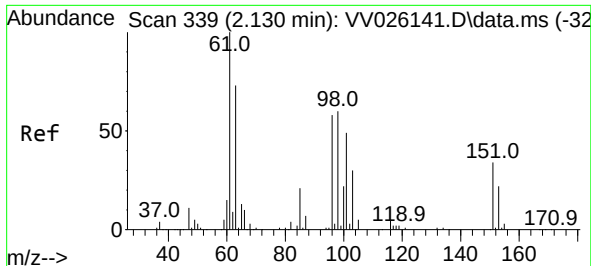
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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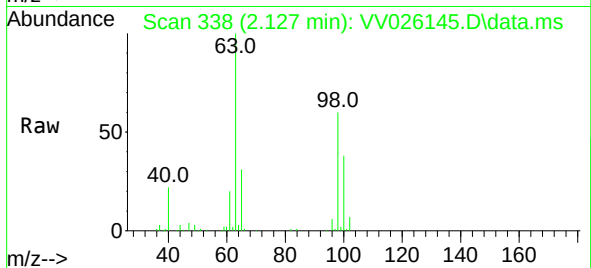
Quant Time: Jun 13 07:42:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
Quant Title : TRACE VOA SFAM1.0
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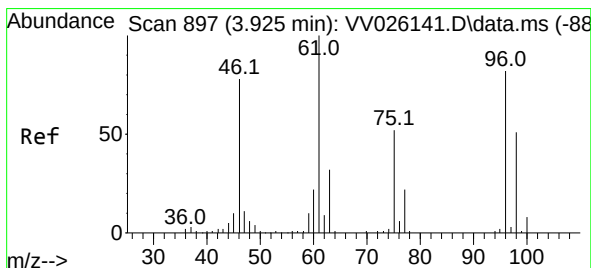
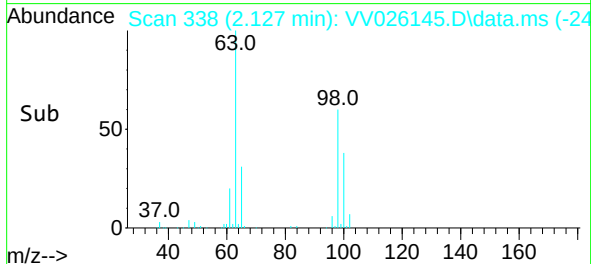
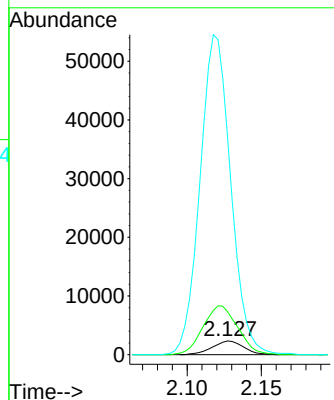


#12
 1,1-Dichloroethene
 Concen: 0.216 ug/L
 RT: 2.127 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV026145.D
 Acq: 11 Jun 2022 22:15

Instrument :
 MSVOA_V
 ClientSampleId :

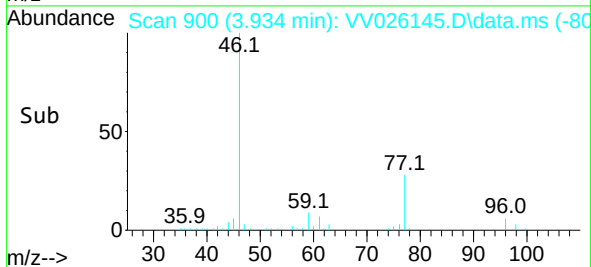
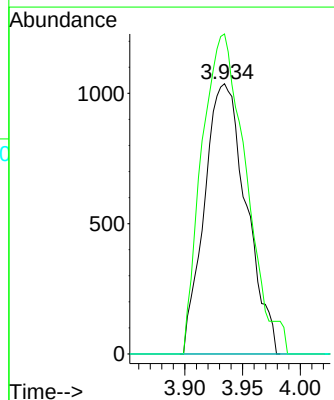
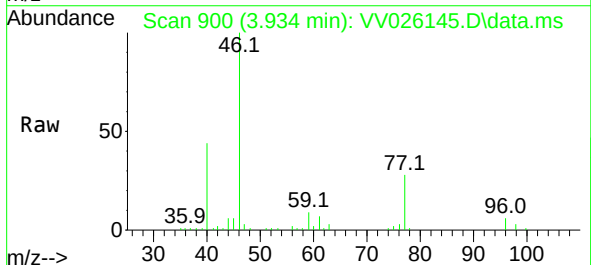


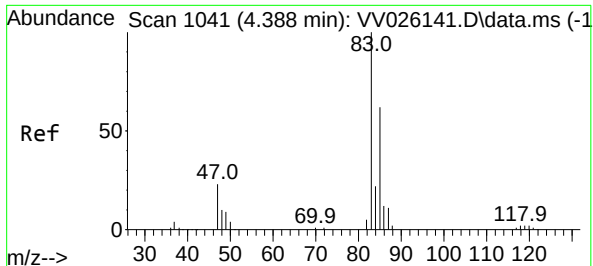
Tgt Ion: 96 Resp: 3440
 Ion Ratio Lower Upper
 96 100
 61 310.6 122.6 227.6#
 63 1568.9 78.5 145.9#



#22
 cis-1,2-Dichloroethene
 Concen: 0.177 ug/L
 RT: 3.934 min Scan# 900
 Delta R.T. 0.010 min
 Lab File: VV026145.D
 Acq: 11 Jun 2022 22:15

Tgt Ion: 96 Resp: 2615
 Ion Ratio Lower Upper
 96 100
 61 118.4 83.1 154.3
 68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.352 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VV026145.D

Acq: 11 Jun 2022 22:15

Instrument :

MSVOA_V

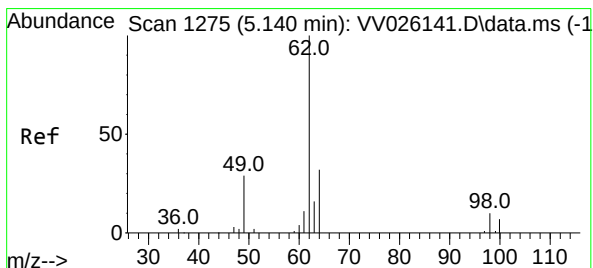
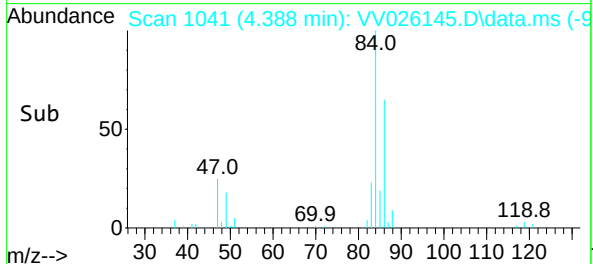
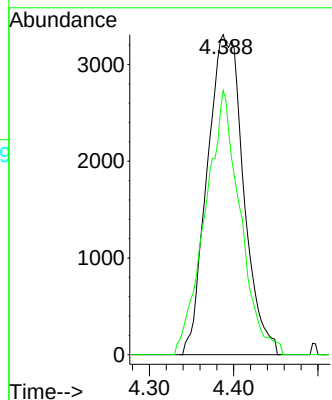
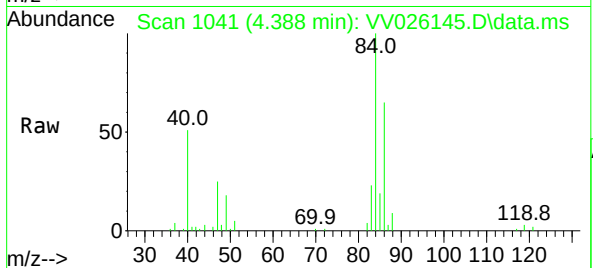
ClientSampleId :

Tgt Ion: 83 Resp: 9875

Ion Ratio Lower Upper

83 100

85 82.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.070 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.084 min

Lab File: VV026145.D

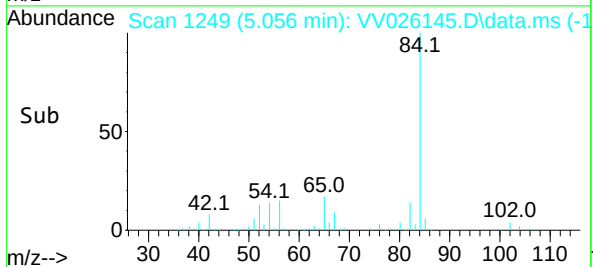
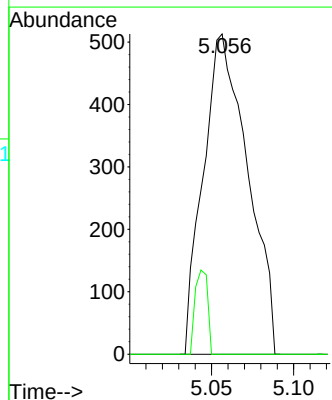
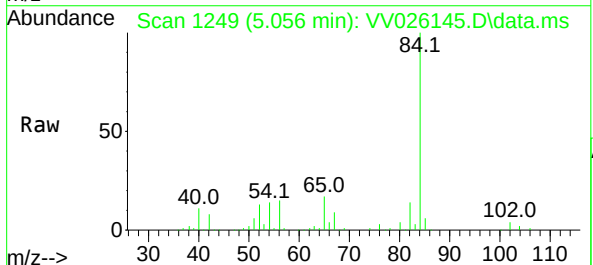
Acq: 11 Jun 2022 22:15

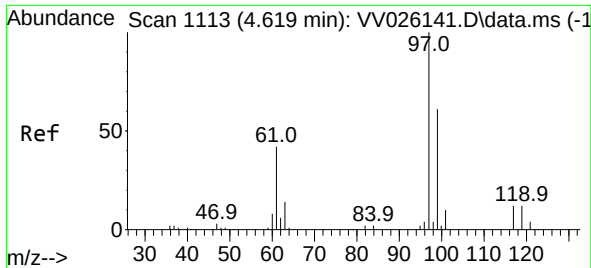
Tgt Ion: 62 Resp: 966

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#





#29

1,1,1-Trichloroethane

Concen: 0.067 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VV026145.D

Acq: 11 Jun 2022 22:15

Instrument :

MSVOA_V

ClientSampleId :

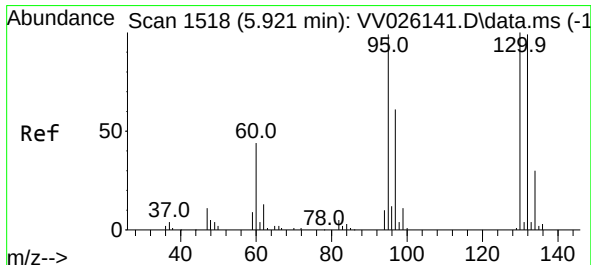
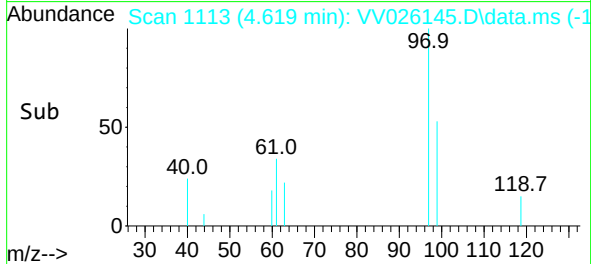
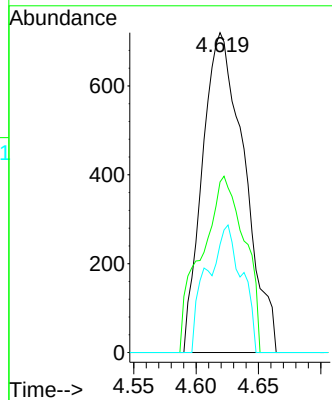
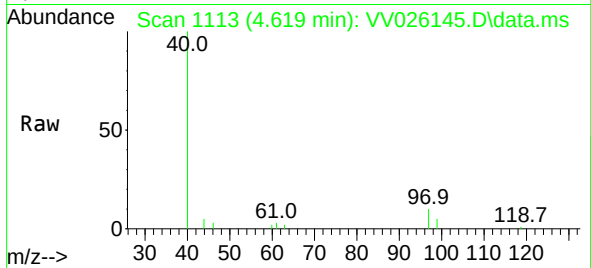
Tgt Ion: 97 Resp: 1683

Ion Ratio Lower Upper

97 100

99 56.9 51.4 77.0

61 33.0 34.9 52.3#



#34

Trichloroethene

Concen: 3.344 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.000 min

Lab File: VV026145.D

Acq: 11 Jun 2022 22:15

Tgt Ion: 95 Resp: 52535

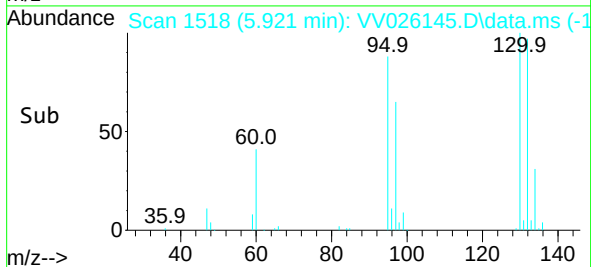
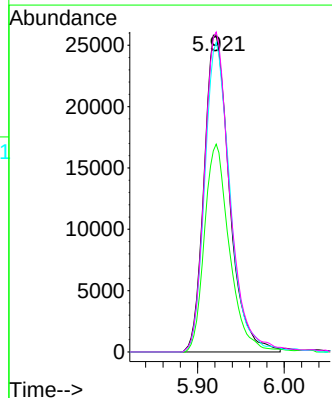
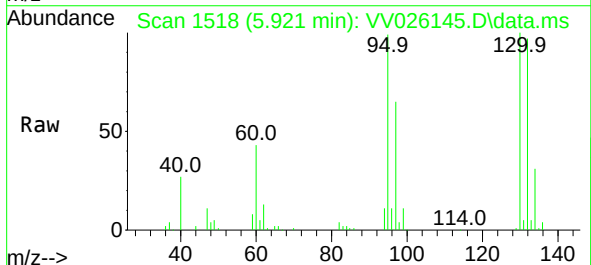
Ion Ratio Lower Upper

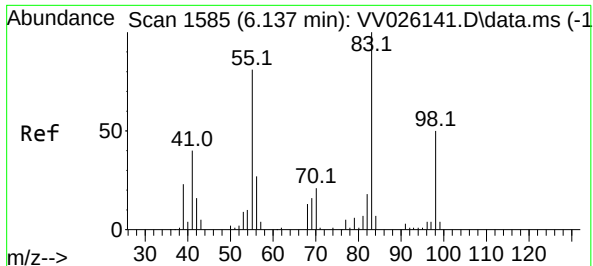
95 100

97 65.6 44.0 81.6

132 97.6 67.5 125.4

130 101.0 69.7 129.5





#35

Methylcyclohexane

Concen: 0.682 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026145.D

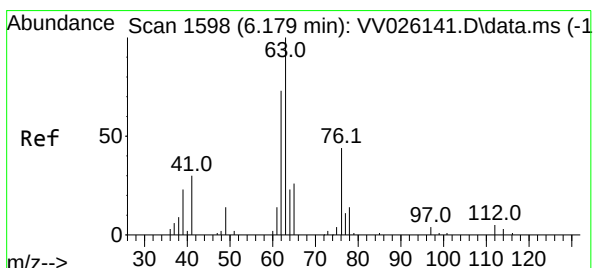
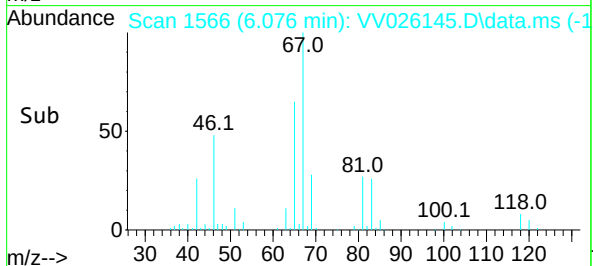
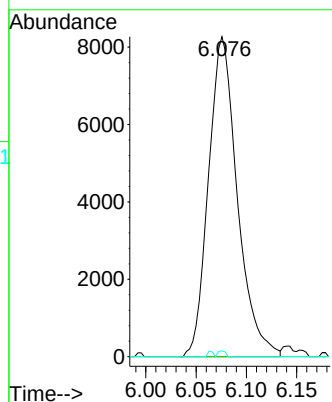
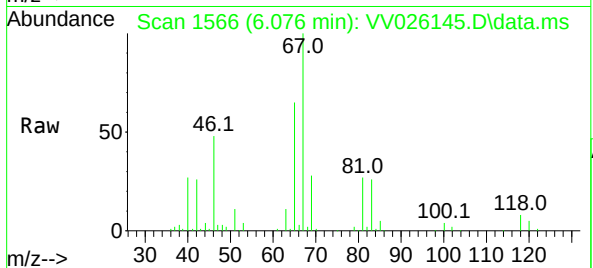
Acq: 11 Jun 2022 22:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 16514
Ion Ratio	Lower Upper
83 100	
55 0.0	59.4 89.0#
98 0.5	38.9 58.3#



#37

1,2-Dichloropropane

Concen: 0.512 ug/L

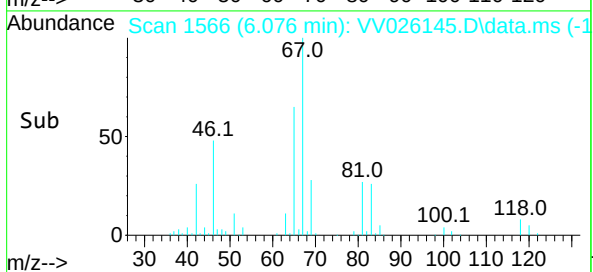
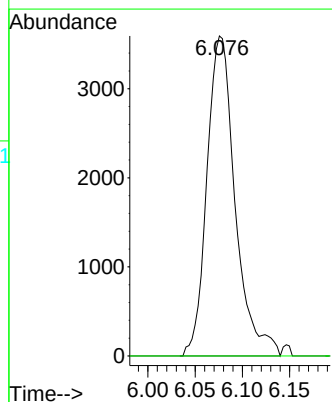
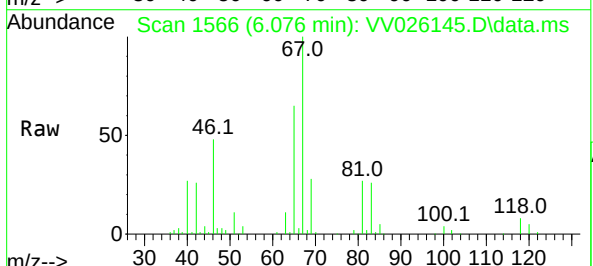
RT: 6.076 min Scan# 1566

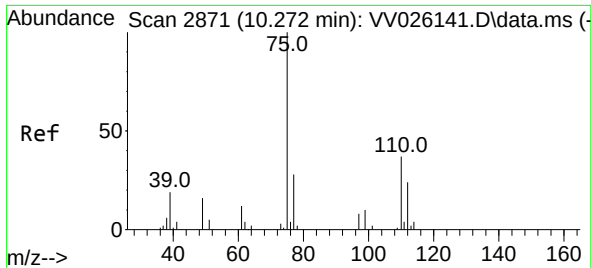
Delta R.T. -0.103 min

Lab File: VV026145.D

Acq: 11 Jun 2022 22:15

Tgt Ion: 63	Resp: 7464
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.6#





#61

1,2,3-Trichloropropane

Concen: 1.543 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

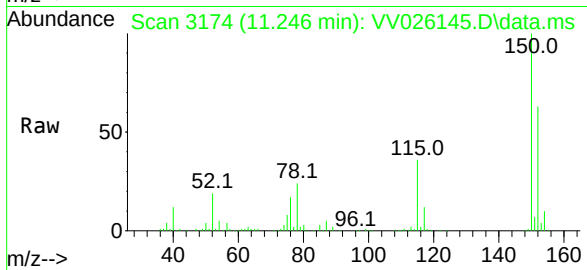
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Instrument :

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ClientSampleId :



Tgt Ion:	75	Resp:	9485
Ion	Ratio	Lower	Upper
75	100		
77	30.8	26.6	40.0
110	1.8	32.0	48.0

