

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026086.D
 Acq On : 10 Jun 2022 04:30
 Operator : SY/MD
 Sample : N3273-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B73

Quant Time: Jun 10 05:48:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 05:25:55 2022
 Response via : Initial Calibration

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

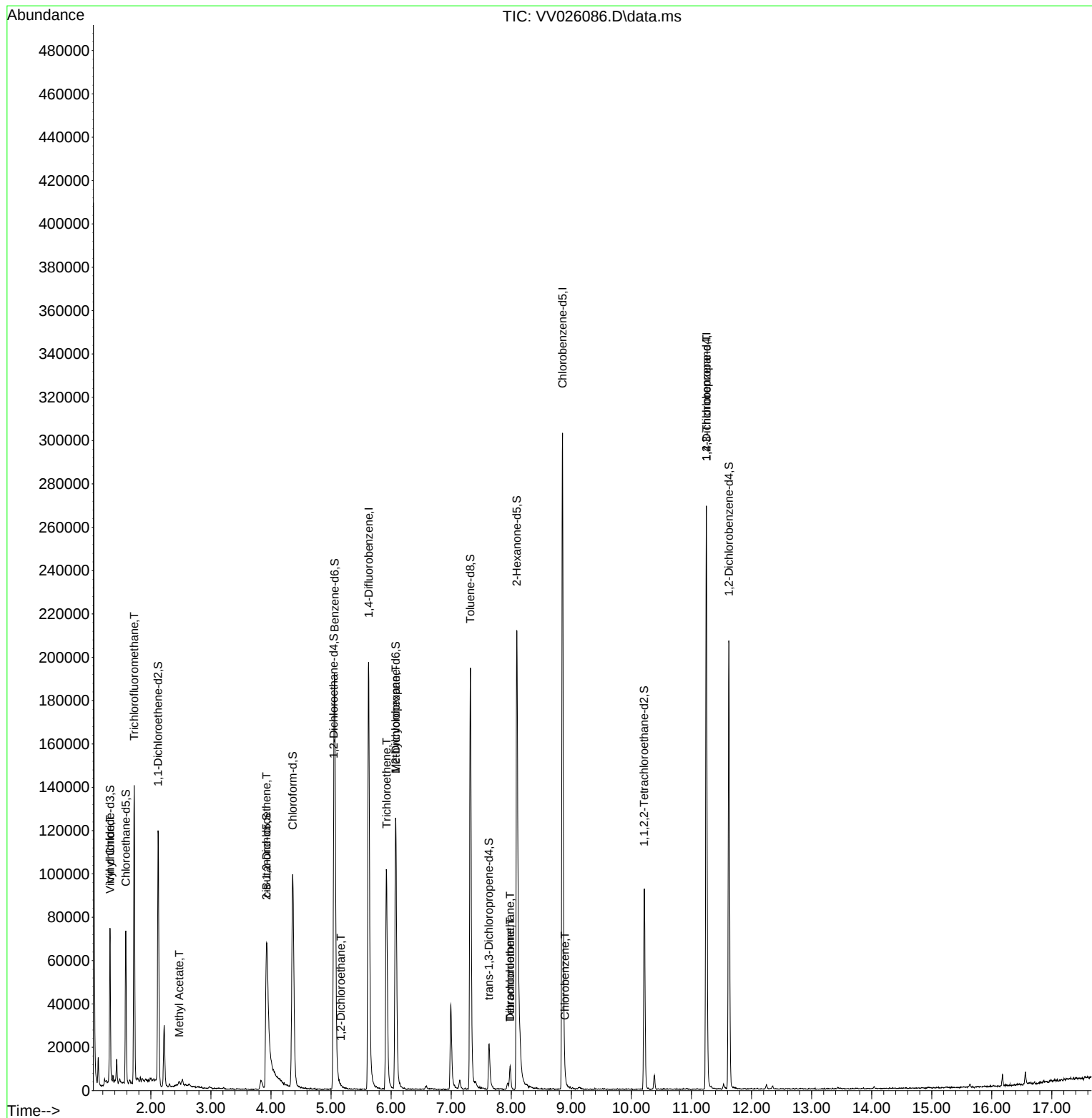
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	174191	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	169278	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71323	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	36804	3.599	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.584	69	44684	4.180	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.121	63	62603	2.651	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.000%#
20) 2-Butanone-d5	3.924	46	98588	65.189	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.380%#
24) Chloroform-d	4.362	84	106301	4.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.043	65	46580	5.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.059	84	176637	4.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.075	67	64071	5.063	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.320	98	133145	3.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	7.628	79	13736	3.687	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.091	63	80742	49.246	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46983	5.506	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	51622	4.731	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.323	62	1206	0.060	ug/L #	31
9) Trichlorofluoromethane	1.722	101	1323	0.052	ug/L	86
15) Methyl Acetate	2.474	43	1696	0.430	ug/L	93
22) cis-1,2-Dichloroethene	3.928	96	15828	1.215	ug/L	99
27) 1,2-Dichloroethane	5.166	62	876	0.072	ug/L #	72
34) Trichloroethene	5.924	95	35995	2.590	ug/L	96
35) Methylcyclohexane	6.075	83	15290	0.714	ug/L #	19
47) Tetrachloroethene	7.982	164	2371	0.220	ug/L	97
49) Dibromochloromethane	7.982	129	2310	0.253	ug/L #	9
51) Chlorobenzene	8.892	112	2314	0.064	ug/L	91
61) 1,2,3-Trichloropropane	11.249	75	8624	1.549	ug/L #	66

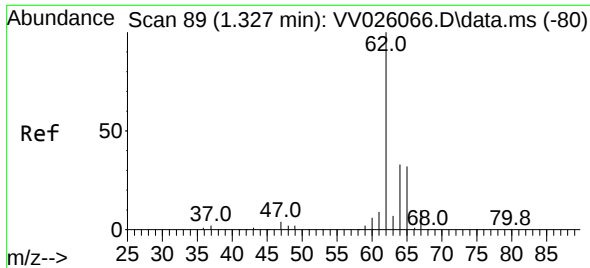
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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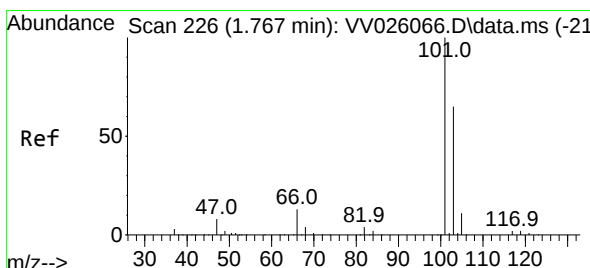
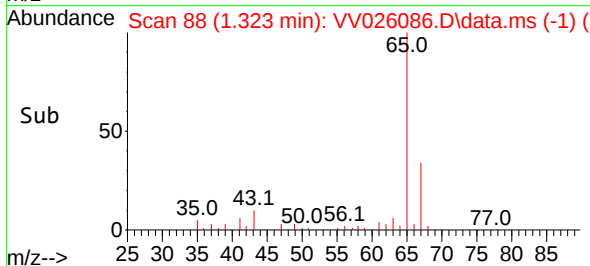
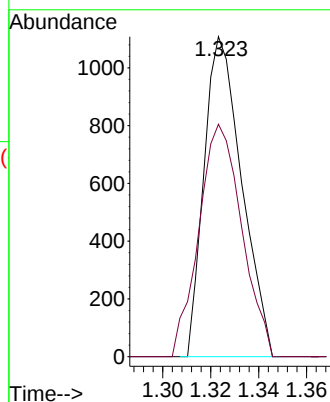
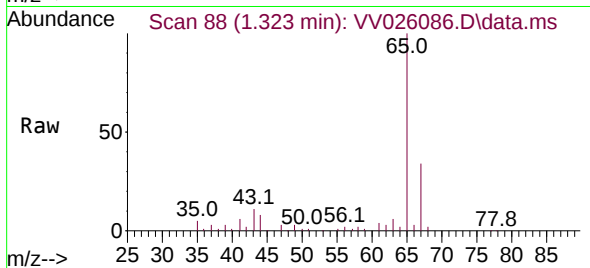




#5
 Vinyl chloride
 Concen: 0.060 ug/L
 RT: 1.323 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV026086.D
 Acq: 10 Jun 2022 04:30

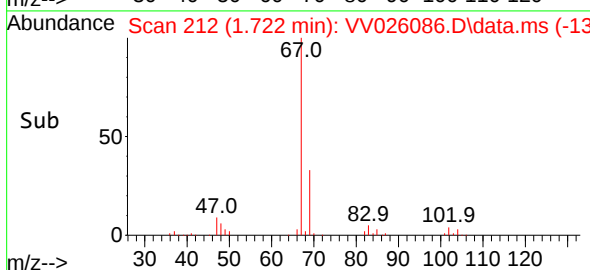
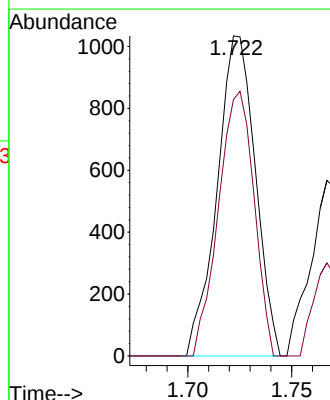
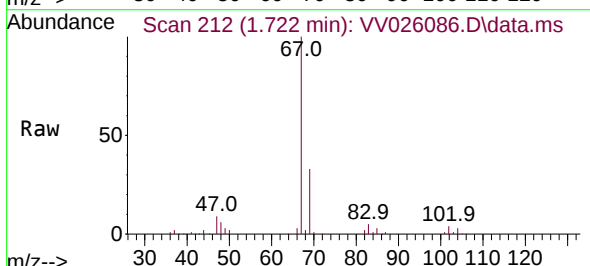
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B73

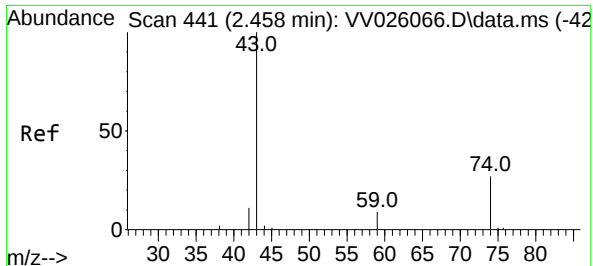
Tgt Ion: 62 Resp: 1206
 Ion Ratio Lower Upper
 62 100
 64 72.7 23.4 43.4#



#9
 Trichlorofluoromethane
 Concen: 0.052 ug/L
 RT: 1.722 min Scan# 212
 Delta R.T. -0.045 min
 Lab File: VV026086.D
 Acq: 10 Jun 2022 04:30

Tgt Ion: 101 Resp: 1323
 Ion Ratio Lower Upper
 101 100
 103 76.9 52.6 78.8

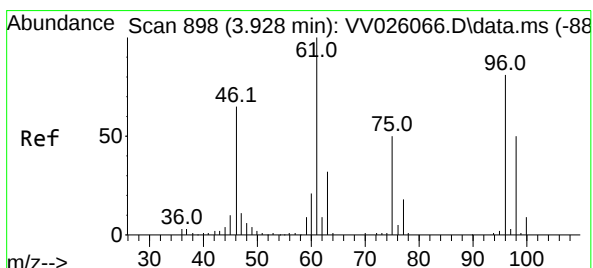
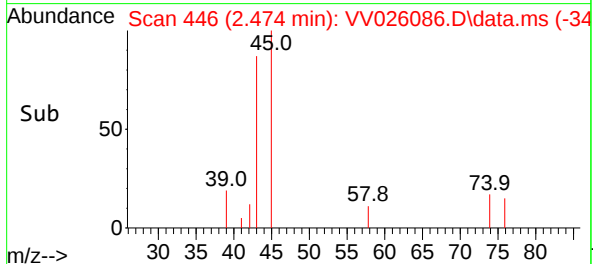
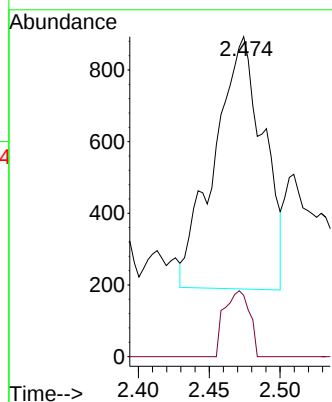
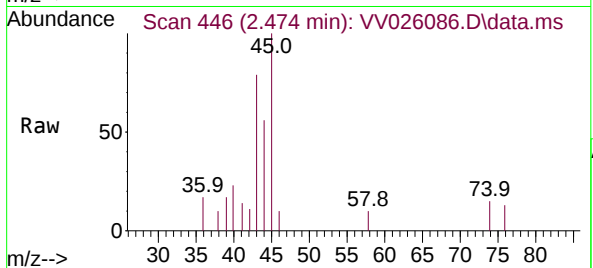




#15
Methyl Acetate
Concen: 0.430 ug/L
RT: 2.474 min Scan# 441
Delta R.T. 0.016 min
Lab File: VV026086.D
Acq: 10 Jun 2022 04:30

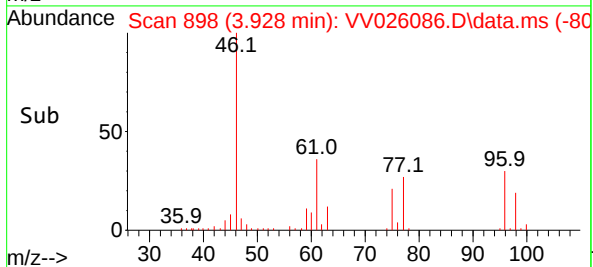
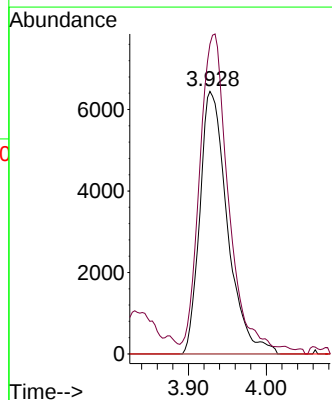
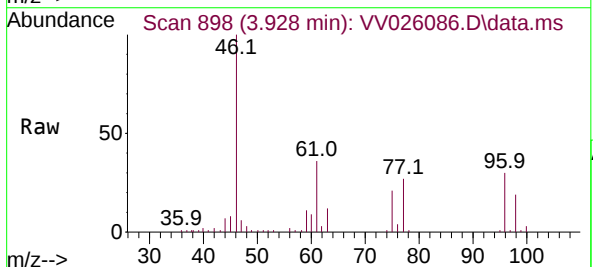
Instrument :
MSVOA_V
ClientSampleId :
C0B73

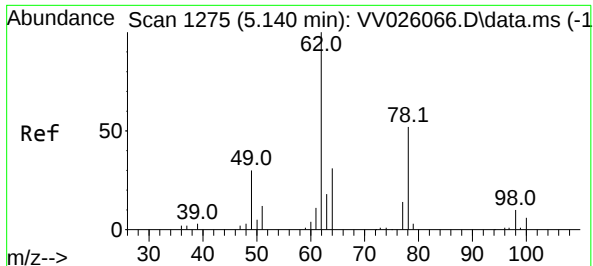
Tgt Ion: 43 Resp: 1696
Ion Ratio Lower Upper
43 100
74 13.4 13.3 19.9



#22
cis-1,2-Dichloroethene
Concen: 1.215 ug/L
RT: 3.928 min Scan# 898
Delta R.T. -0.000 min
Lab File: VV026086.D
Acq: 10 Jun 2022 04:30

Tgt Ion: 96 Resp: 15828
Ion Ratio Lower Upper
96 100
61 118.0 83.1 154.3
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.072 ug/L

RT: 5.166 min Scan# 11

Delta R.T. 0.026 min

Lab File: VV026086.D

Acq: 10 Jun 2022 04:30

Instrument :

MSVOA_V

ClientSampleId :

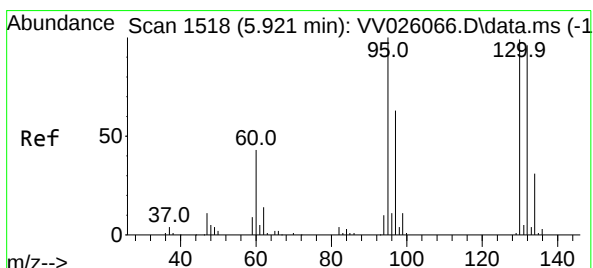
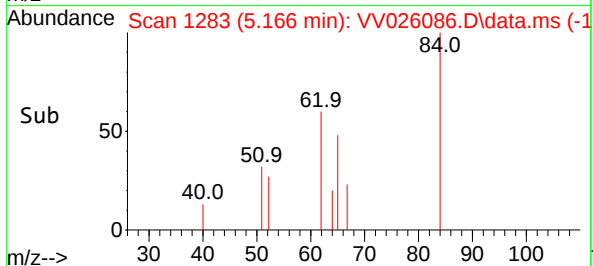
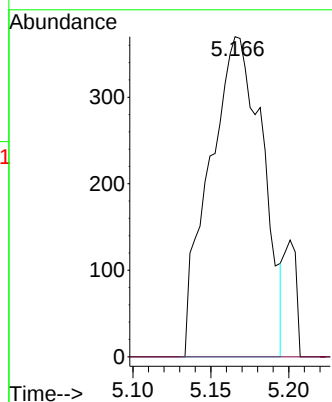
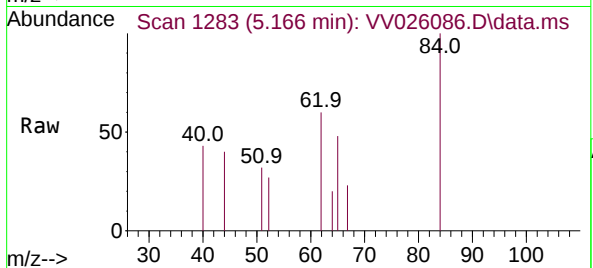
C0B73

Tgt Ion: 62 Resp: 876

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#



#34

Trichloroethene

Concen: 2.590 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.003 min

Lab File: VV026086.D

Acq: 10 Jun 2022 04:30

Tgt Ion: 95 Resp: 35995

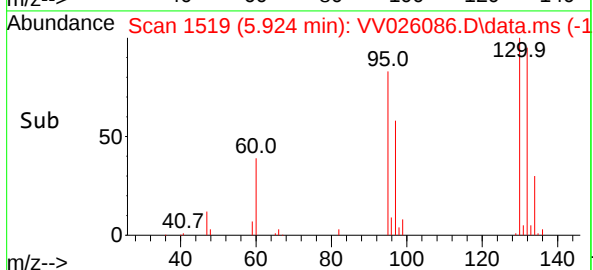
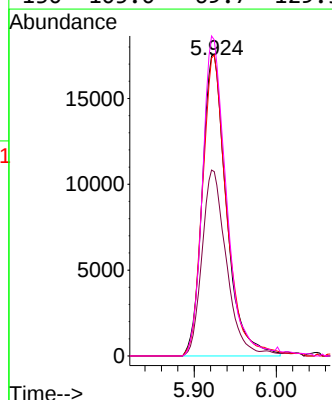
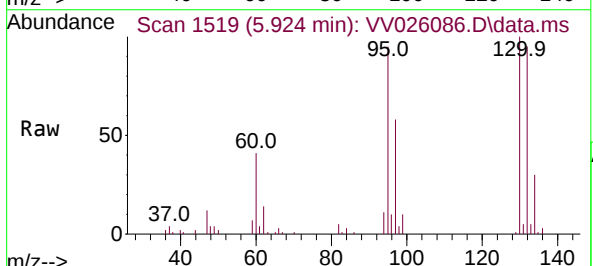
Ion Ratio Lower Upper

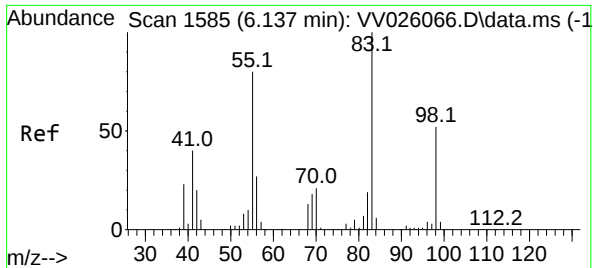
95 100

97 61.2 44.0 81.6

132 100.0 67.5 125.4

130 105.0 69.7 129.5

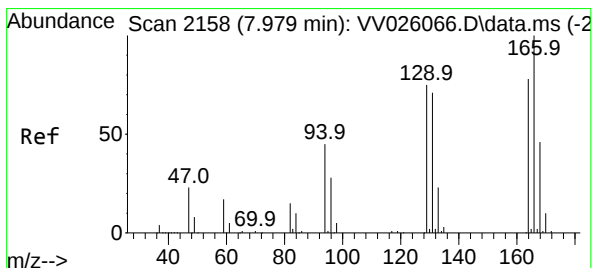
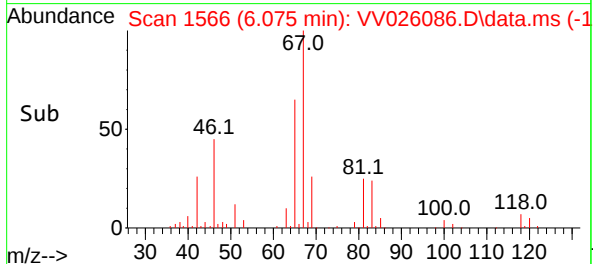
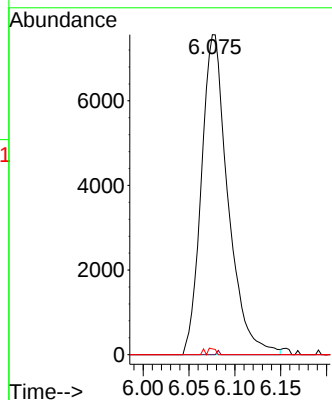
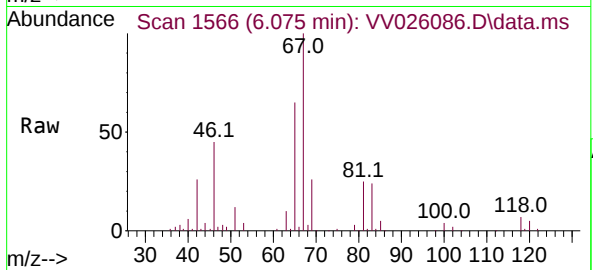




#35
Methylcyclohexane
Concen: 0.714 ug/L
RT: 6.075 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV026086.D
Acq: 10 Jun 2022 04:30

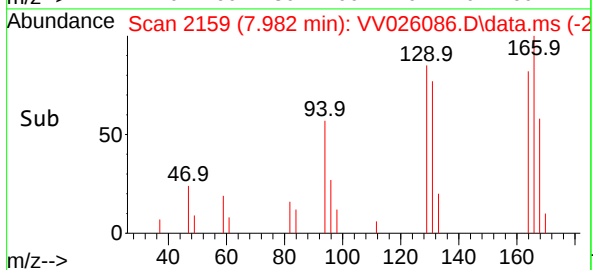
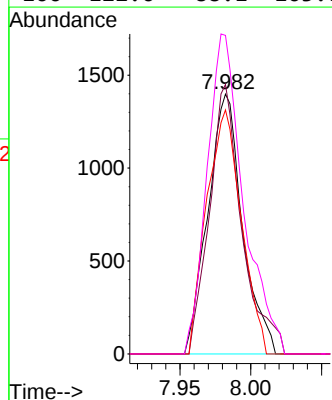
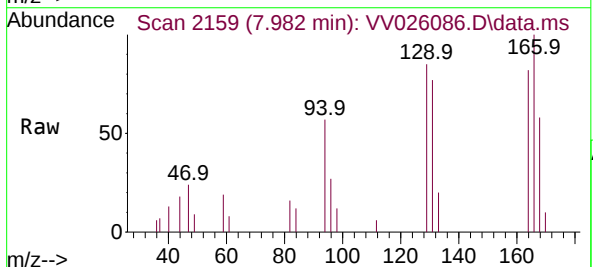
Instrument :
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ClientSampleId :
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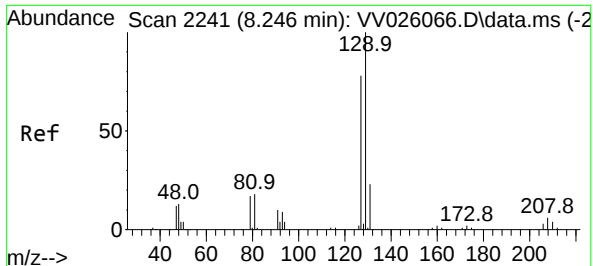
Tgt Ion: 83 Resp: 15290
Ion Ratio Lower Upper
83 100
55 0.1 59.4 89.0#
98 0.7 38.9 58.3#



#47
Tetrachloroethene
Concen: 0.220 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV026086.D
Acq: 10 Jun 2022 04:30

Tgt Ion: 164 Resp: 2371
Ion Ratio Lower Upper
164 100
129 103.8 68.3 126.9
131 93.9 66.5 123.5
166 122.6 88.1 163.7





#49

Dibromochloromethane

Concen: 0.253 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV026086.D

Acq: 10 Jun 2022 04:30

Instrument :

MSVOA_V

ClientSampleId :

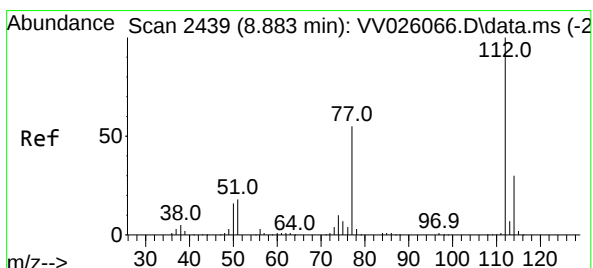
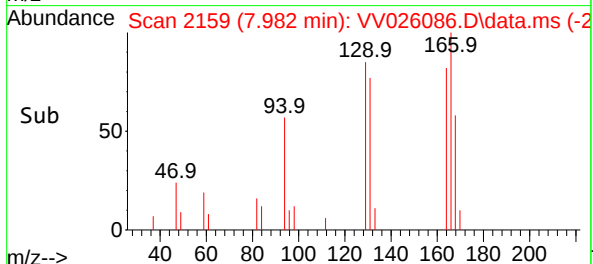
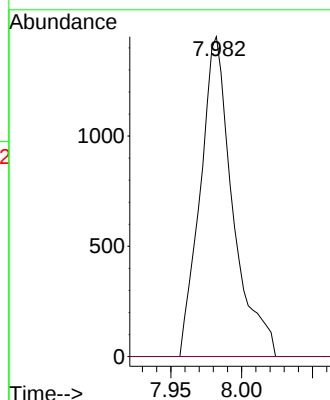
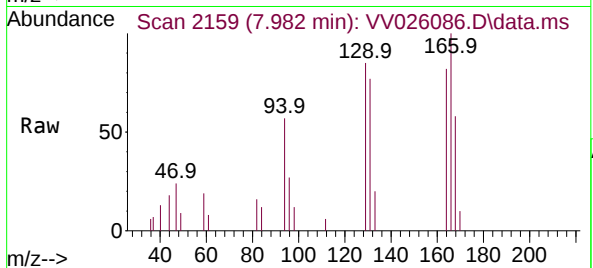
C0B73

Tgt Ion:129 Resp: 2310

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#51

Chlorobenzene

Concen: 0.064 ug/L

RT: 8.892 min Scan# 2442

Delta R.T. 0.010 min

Lab File: VV026086.D

Acq: 10 Jun 2022 04:30

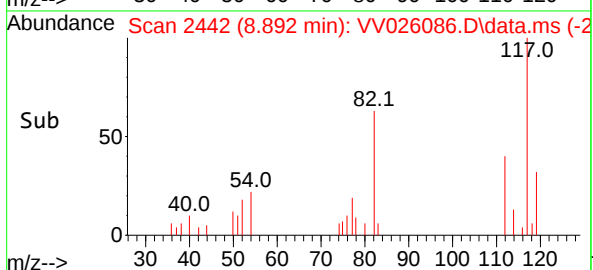
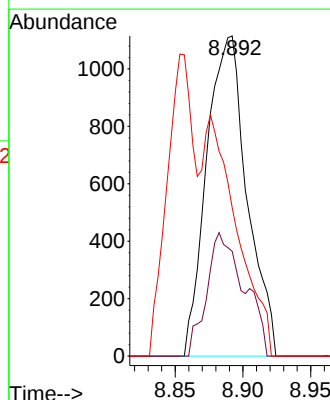
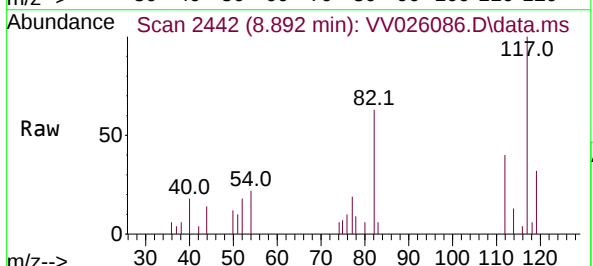
Tgt Ion:112 Resp: 2314

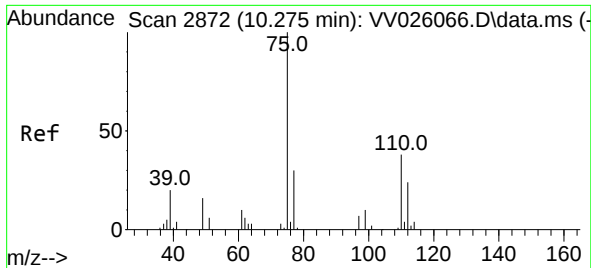
Ion Ratio Lower Upper

112 100

114 32.7 22.3 41.5

77 46.4 44.6 66.8





#61
 1,2,3-Trichloropropane
 Concen: 1.549 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026086.D
 Acq: 10 Jun 2022 04:30

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Tgt Ion:	75	Resp:	8624
Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.6	40.0
110	3.4	32.0	48.0

