

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070522\
 Data File : VW026641.D
 Acq On : 05 Jul 2022 13:55
 Operator : SY/MD
 Sample : N3577-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB325

Quant Time: Jul 06 00:24:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 06 00:22:14 2022
 Response via : Initial Calibration

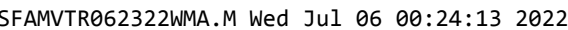
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

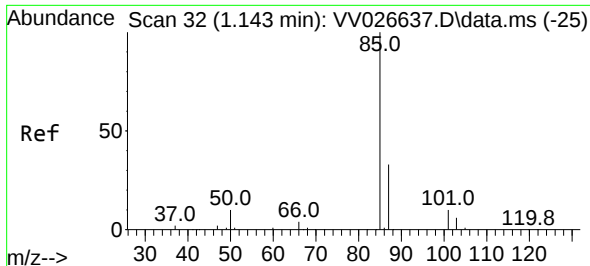
Internal Standards						
1) 1,4-Difluorobenzene	5.628	114	187685	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	180359	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	49257	3.263	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.584	69	48733	4.019	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.121	63	72466	2.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.000%#
20) 2-Butanone-d5	3.928	46	110488	73.628	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	147.260%#
24) Chloroform-d	4.365	84	115843	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.046	65	49417	5.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.063	84	207310	4.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
36) 1,2-Dichloropropane-d6	6.079	67	68686	4.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.320	98	157101	3.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
43) trans-1,3-Dichloroprop...	7.632	79	15602	4.237	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.095	63	75762	54.016	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51665	5.544	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	61030	4.847	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.146	85	2961	0.207	ug/L	90
3) Chloromethane	1.256	50	909	0.058	ug/L	90
6) Bromomethane	1.539	94	606	0.067	ug/L	79
8) Chloroethane	1.326	64	1310	0.116	ug/L	93
14) Carbon disulfide	2.310	76	1959	0.059	ug/L #	92
15) Methyl Acetate	2.510	43	1377	0.502	ug/L #	47
22) cis-1,2-Dichloroethene	3.931	96	11920	0.928	ug/L	93
25) Chloroform	4.394	83	9340	0.376	ug/L	96
31) Carbon tetrachloride	4.844	117	5955	0.320	ug/L	99
34) Trichloroethene	5.924	95	86523	6.250	ug/L	97
35) Methylcyclohexane	6.082	83	16797	0.820	ug/L #	21
37) 1,2-Dichloropropane	6.075	63	7242	0.571	ug/L #	84
39) cis-1,3-Dichloropropene	6.998	75	1239	0.097	ug/L #	78
47) Tetrachloroethene	7.982	164	12605	1.144	ug/L	94
49) Dibromochloromethane	7.979	129	11506	1.420	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8256	1.676	ug/L #	64

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

Instrument :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 06 00:22:14 2022
Response via : Initial Calibration

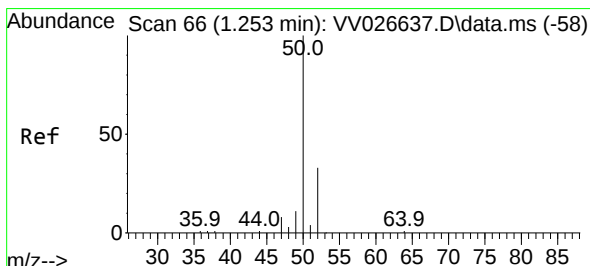
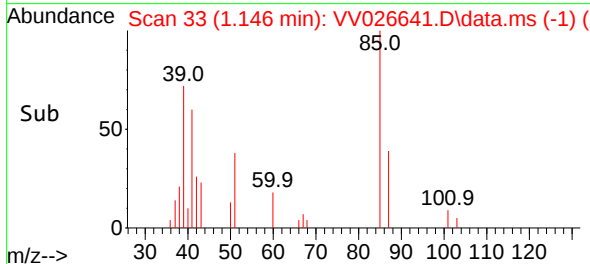
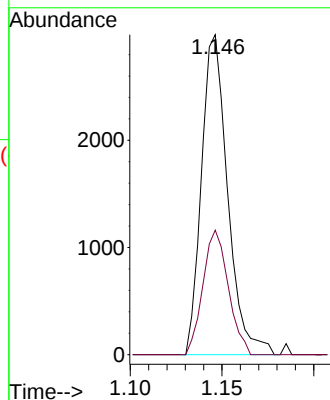
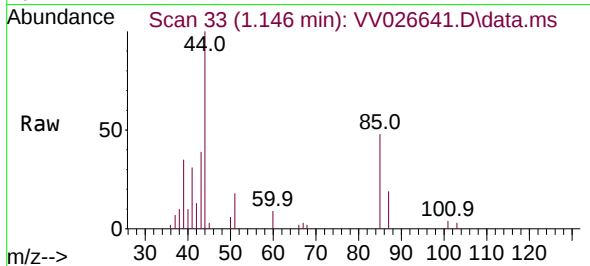




#2
 Dichlorodifluoromethane
 Concen: 0.207 ug/L
 RT: 1.146 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026641.D
 Acq: 05 Jul 2022 13:55

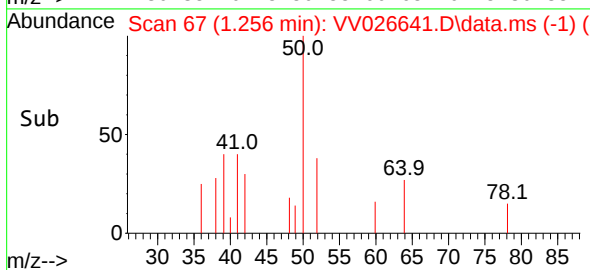
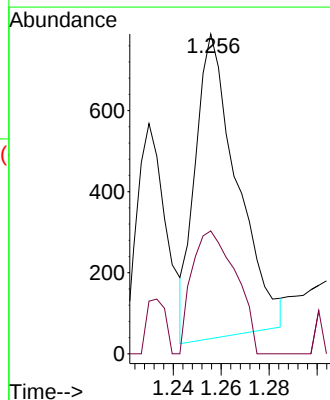
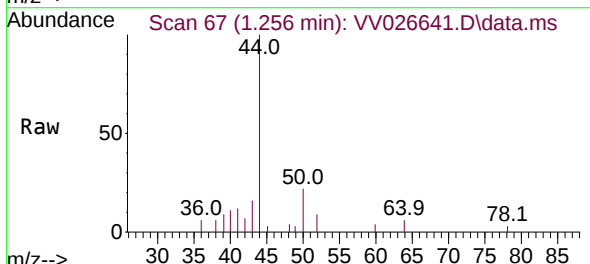
Instrument :
 MSVOA_V
 ClientSampleId :
 YB325

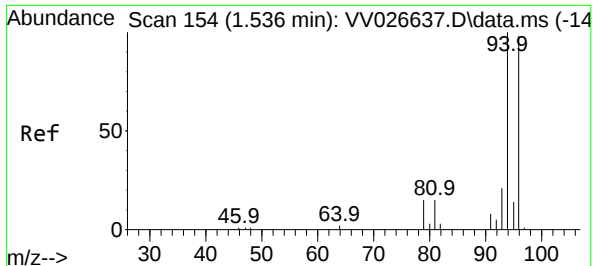
Tgt Ion: 85 Resp: 2961
 Ion Ratio Lower Upper
 85 100
 87 37.6 25.6 38.4



#3
 Chloromethane
 Concen: 0.058 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.003 min
 Lab File: VV026641.D
 Acq: 05 Jul 2022 13:55

Tgt Ion: 50 Resp: 909
 Ion Ratio Lower Upper
 50 100
 52 38.4 23.0 42.6

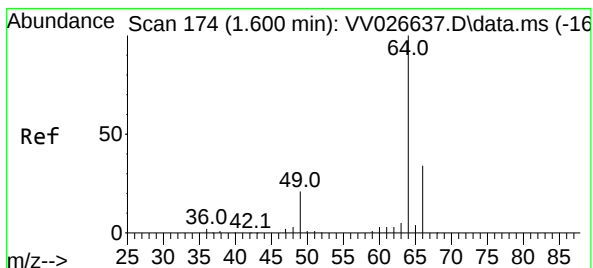
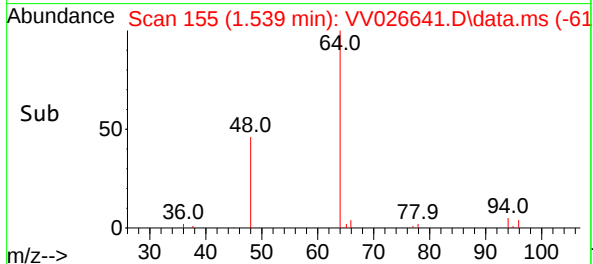
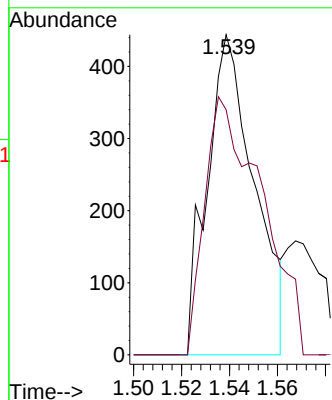
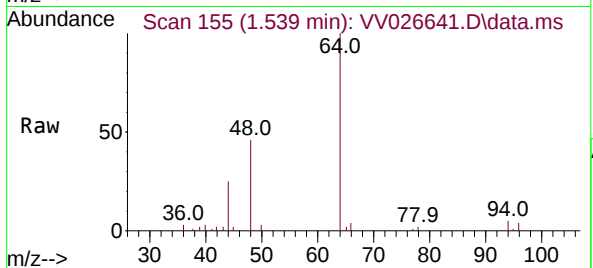




#6
Bromomethane
Concen: 0.067 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026641.D
Acq: 05 Jul 2022 13:55

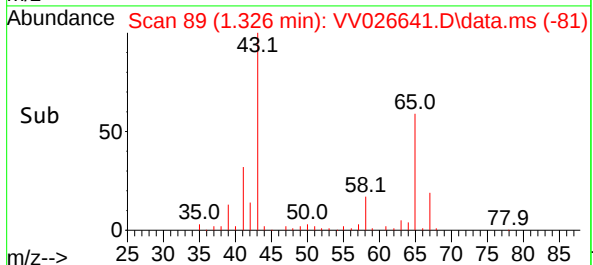
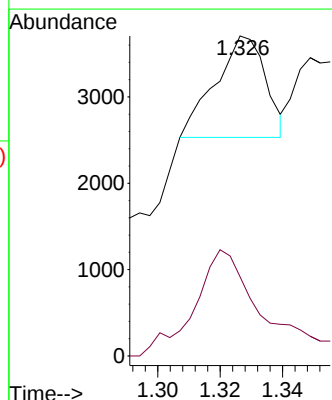
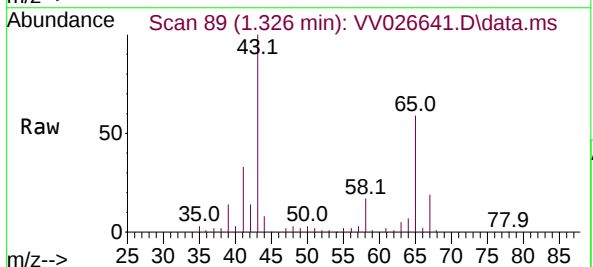
Instrument :
MSVOA_V
ClientSampleId :
YB325

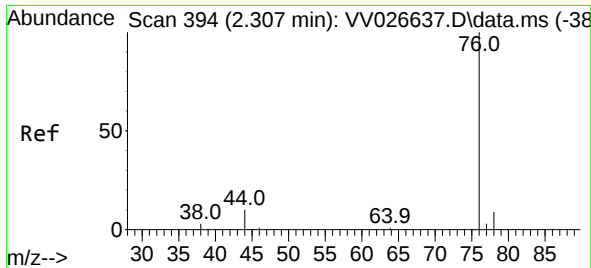
Tgt Ion: 94 Resp: 606
Ion Ratio Lower Upper
94 100
96 76.6 68.0 126.2



#8
Chloroethane
Concen: 0.116 ug/L
RT: 1.326 min Scan# 89
Delta R.T. -0.273 min
Lab File: VV026641.D
Acq: 05 Jul 2022 13:55

Tgt Ion: 64 Resp: 1310
Ion Ratio Lower Upper
64 100
66 24.8 20.0 37.2

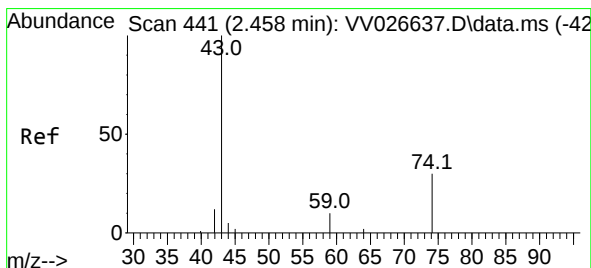
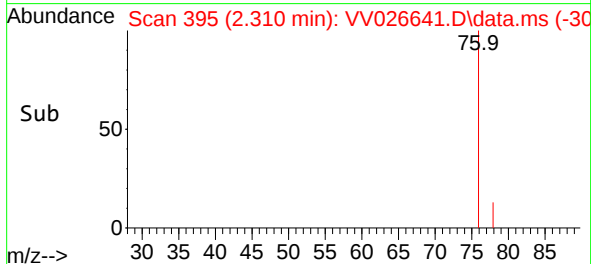
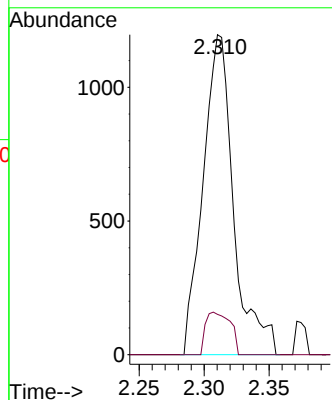
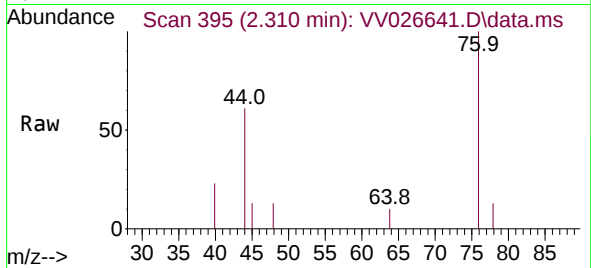




#14
Carbon disulfide
Concen: 0.059 ug/L
RT: 2.310 min Scan# 394
Delta R.T. 0.003 min
Lab File: VV026641.D
Acq: 05 Jul 2022 13:55

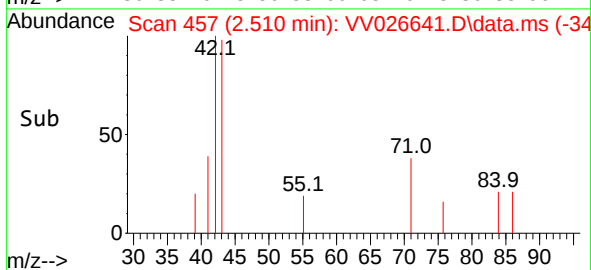
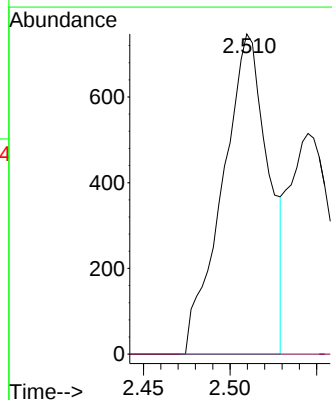
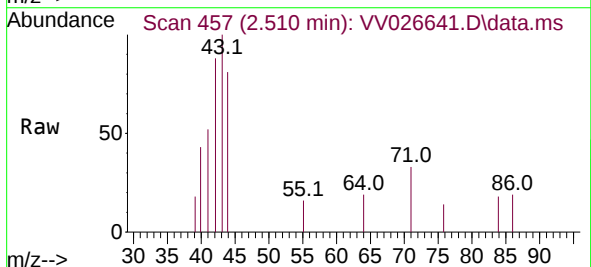
Instrument :
MSVOA_V
ClientSampleId :
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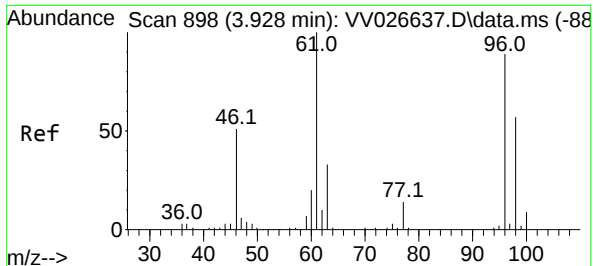
Tgt Ion: 76 Resp: 1959
Ion Ratio Lower Upper
76 100
78 12.6 7.8 11.6#



#15
Methyl Acetate
Concen: 0.502 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.051 min
Lab File: VV026641.D
Acq: 05 Jul 2022 13:55

Tgt Ion: 43 Resp: 1377
Ion Ratio Lower Upper
43 100
74 0.0 22.1 33.1#





#22

cis-1,2-Dichloroethene

Concen: 0.928 ug/L

RT: 3.931 min Scan# 899

Delta R.T. 0.003 min

Lab File: VV026641.D

Acq: 05 Jul 2022 13:55

Instrument :

MSVOA_V

ClientSampleId :

YB325

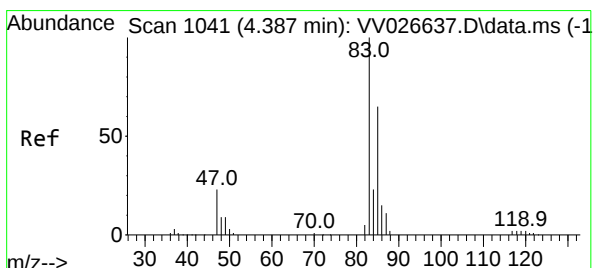
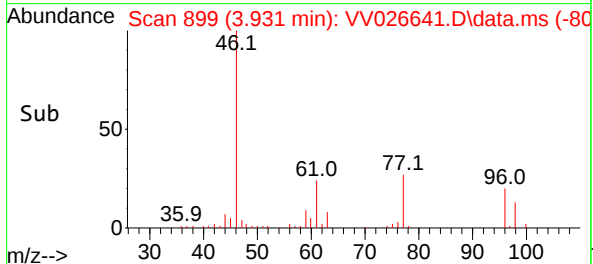
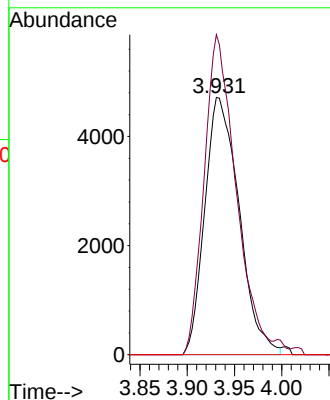
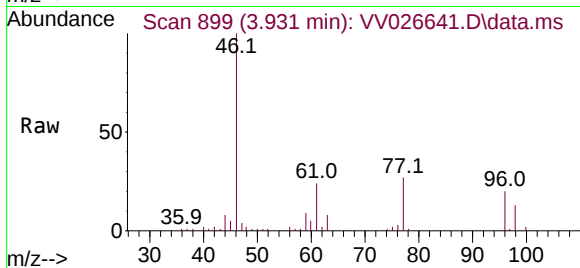
Tgt Ion: 96 Resp: 11920

Ion Ratio Lower Upper

96 100

61 124.4 82.0 152.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.376 ug/L

RT: 4.394 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VV026641.D

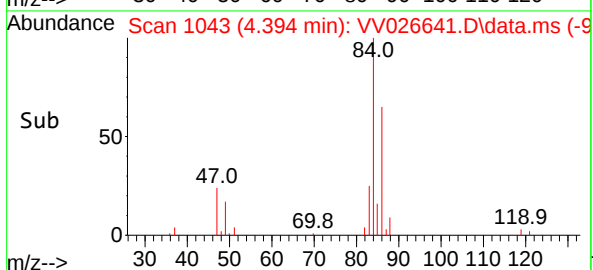
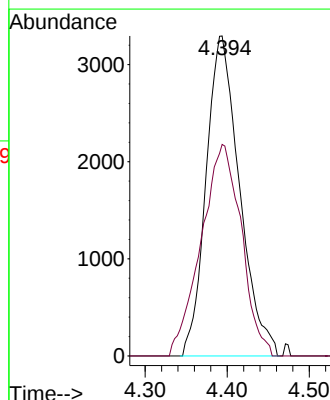
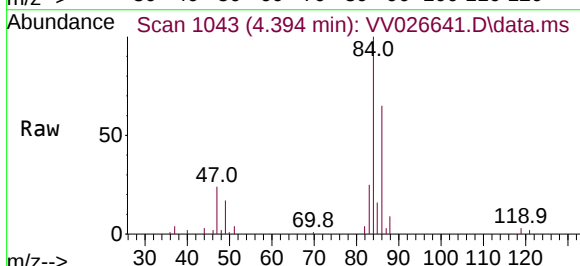
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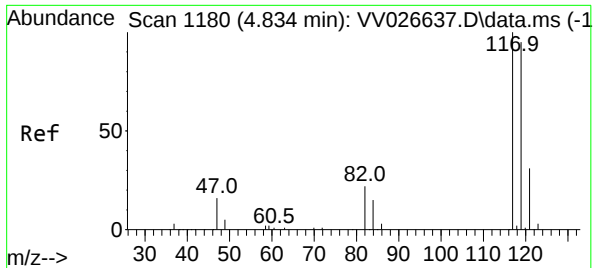
Tgt Ion: 83 Resp: 9340

Ion Ratio Lower Upper

83 100

85 66.1 44.0 81.8

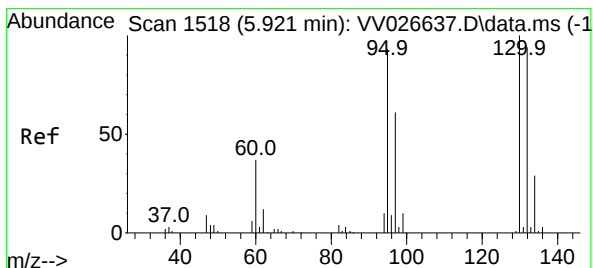
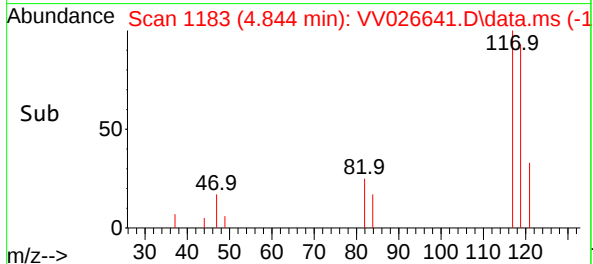
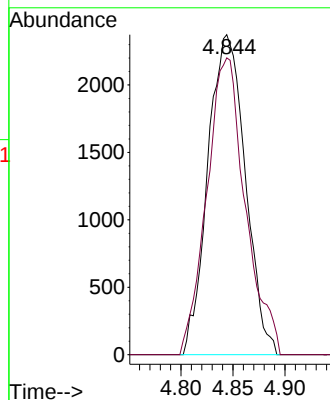
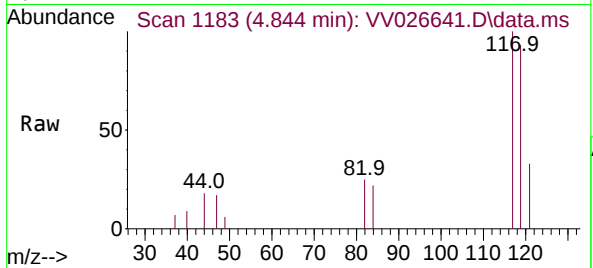




#31
Carbon tetrachloride
Concen: 0.320 ug/L
RT: 4.844 min Scan# 1180
Delta R.T. 0.010 min
Lab File: VV026641.D
Acq: 05 Jul 2022 13:55

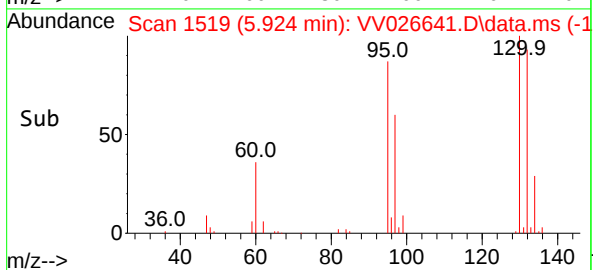
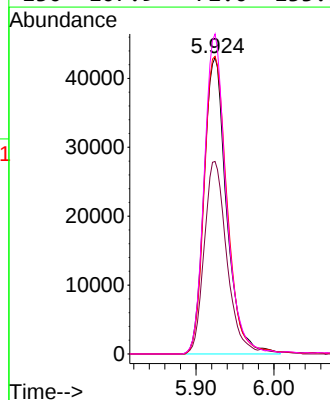
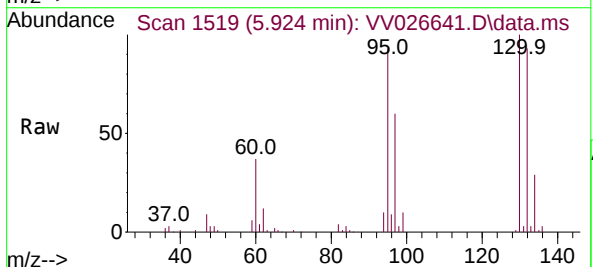
Instrument :
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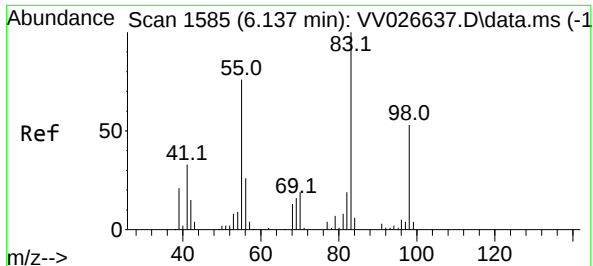
Tgt Ion:117 Resp: 5955
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3



#34
Trichloroethene
Concen: 6.250 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.003 min
Lab File: VV026641.D
Acq: 05 Jul 2022 13:55

Tgt Ion: 95 Resp: 86523
Ion Ratio Lower Upper
95 100
97 64.9 46.8 87.0
132 100.4 69.9 129.7
130 107.9 72.0 133.8





#35

Methylcyclohexane

Concen: 0.820 ug/L

RT: 6.082 min Scan# 1566

Delta R.T. -0.055 min

Lab File: VV026641.D

Acq: 05 Jul 2022 13:55

Instrument :

MSVOA_V

ClientSampleId :

YB325

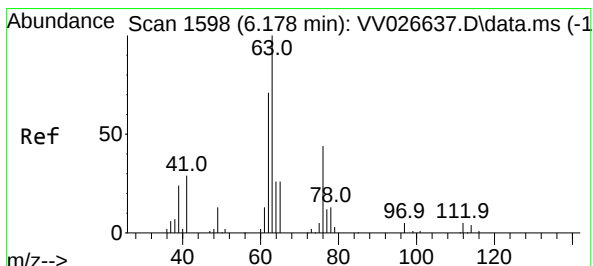
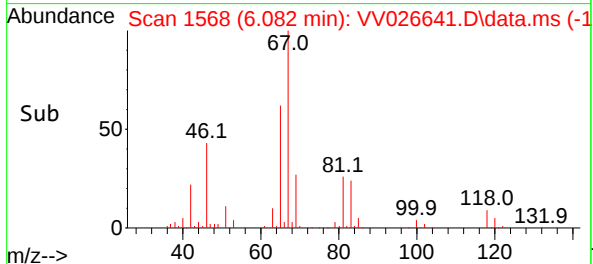
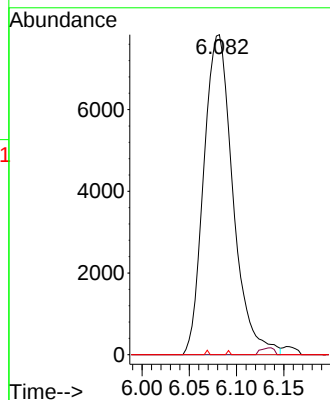
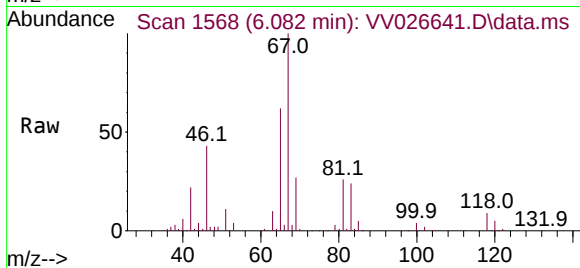
Tgt Ion: 83 Resp: 16797

Ion Ratio Lower Upper

83 100

55 1.0 57.0 85.4#

98 0.6 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.103 min

Lab File: VV026641.D

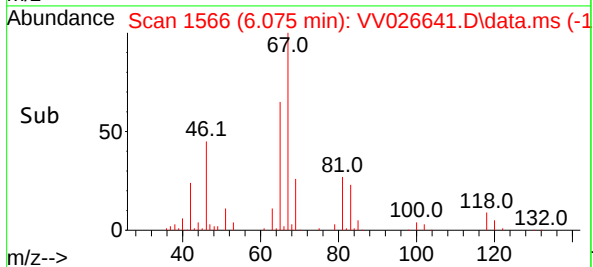
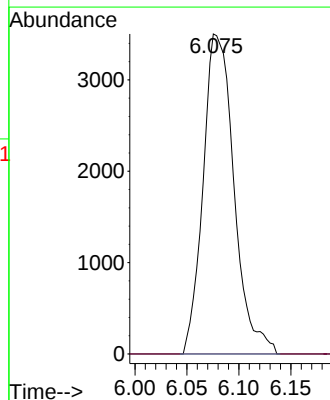
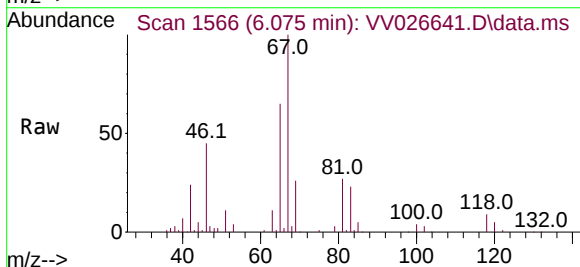
Acq: 05 Jul 2022 13:55

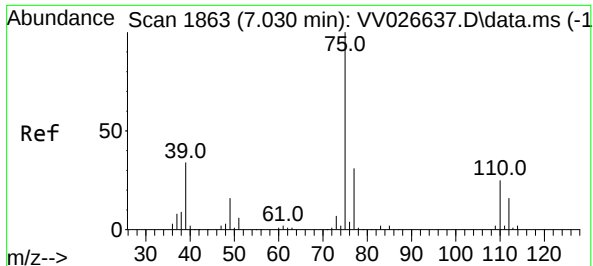
Tgt Ion: 63 Resp: 7242

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#

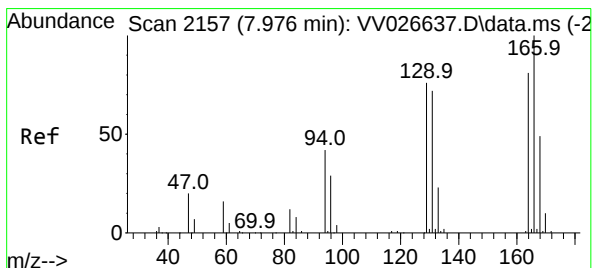
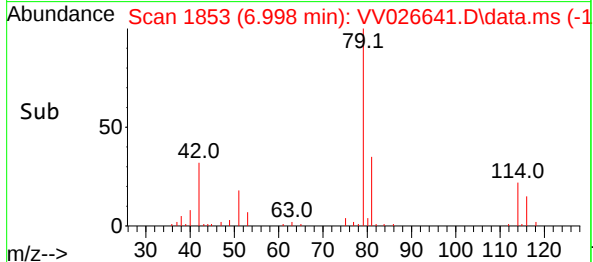
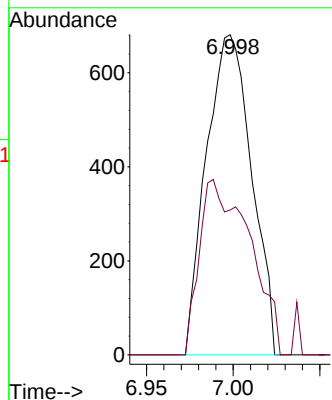
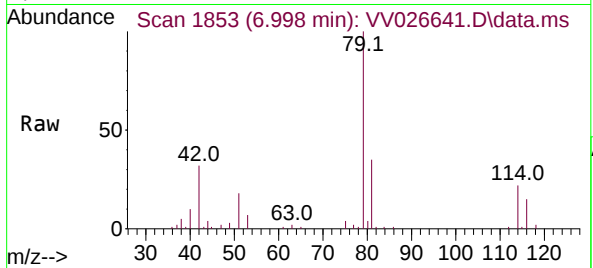




#39
cis-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 6.998 min Scan# 11
Delta R.T. -0.032 min
Lab File: VV026641.D
Acq: 05 Jul 2022 13:55

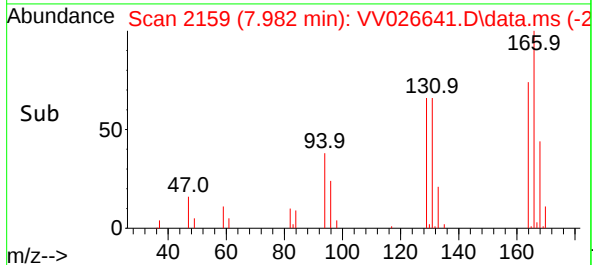
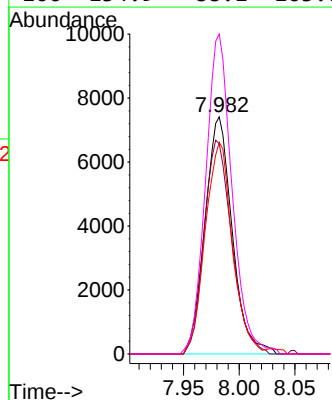
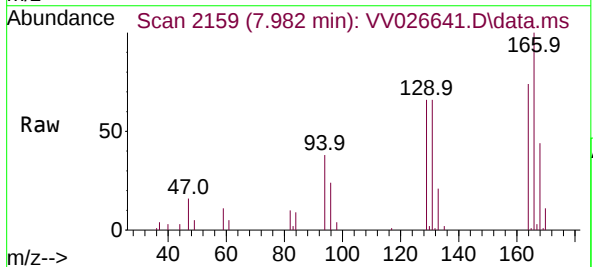
Instrument :
MSVOA_V
ClientSampleId :
YB325

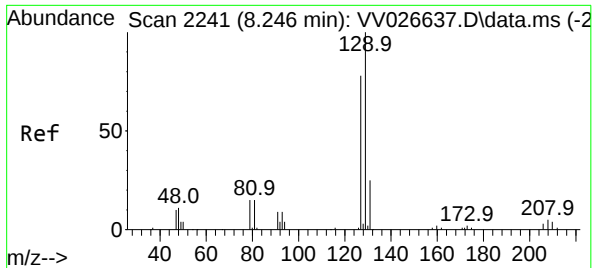
Tgt Ion: 75 Resp: 1239
Ion Ratio Lower Upper
75 100
77 45.2 22.8 42.4#



#47
Tetrachloroethene
Concen: 1.144 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV026641.D
Acq: 05 Jul 2022 13:55

Tgt Ion: 164 Resp: 12605
Ion Ratio Lower Upper
164 100
129 88.6 66.4 123.2
131 89.3 64.4 119.6
166 134.9 88.1 163.7

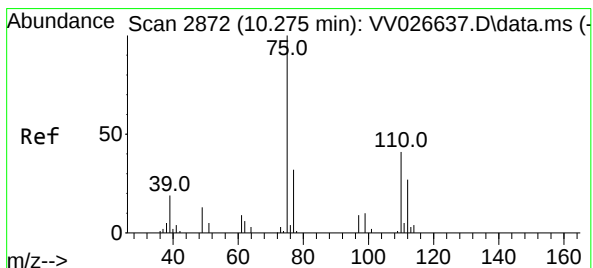
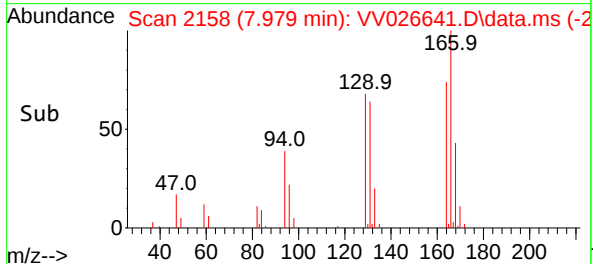
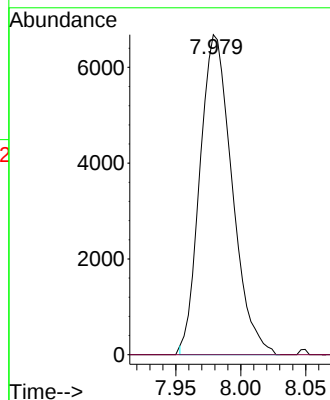
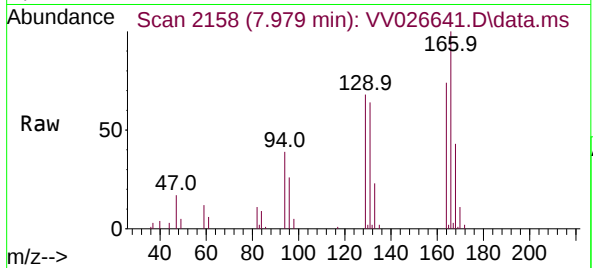




#49
Dibromochloromethane
Concen: 1.420 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV026641.D
Acq: 05 Jul 2022 13:55

Instrument :
MSVOA_V
ClientSampleId :
YB325

Tgt Ion:129 Resp: 11506
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#



#61
1,2,3-Trichloropropane
Concen: 1.676 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.971 min
Lab File: VV026641.D
Acq: 05 Jul 2022 13:55

Tgt Ion: 75 Resp: 8256
Ion Ratio Lower Upper
75 100
77 30.2 25.8 38.6
110 1.8 32.5 48.7#

