

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070522\
 Data File : VW026640.D
 Acq On : 05 Jul 2022 13:34
 Operator : SY/MD
 Sample : N3577-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB324

Quant Time: Jul 06 00:23:51 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	5.622	114	178132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	173882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71156	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	58578	4.089	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.580	69	57768	5.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.117	63	85265	3.350	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.000%
20) 2-Butanone-d5	3.918	46	123347	86.605	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	173.200%#
24) Chloroform-d	4.362	84	136965	5.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.000%
26) 1,2-Dichloroethane-d4	5.043	65	58433	6.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.600%
32) Benzene-d6	5.059	84	243216	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.075	67	80509	5.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.200%
41) Toluene-d8	7.320	98	186226	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.628	79	19434	5.474	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.400%
46) 2-Hexanone-d5	8.091	63	86971	64.318	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	59091	6.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	131.600%#
66) 1,2-Dichlorobenzene-d4	11.622	152	69096	5.868	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.143	85	3020	0.223	ug/L	99
3) Chloromethane	1.252	50	683	0.046	ug/L	92
6) Bromomethane	1.535	94	514	0.060	ug/L	73
8) Chloroethane	1.323	64	1367	0.127	ug/L	93
12) 1,1-Dichloroethene	2.124	96	1218	0.101	ug/L #	1
15) Methyl Acetate	2.510	43	1284	0.493	ug/L #	47
22) cis-1,2-Dichloroethene	3.931	96	12927	1.061	ug/L	98
25) Chloroform	4.391	83	9579	0.406	ug/L	99
31) Carbon tetrachloride	4.838	117	6100	0.340	ug/L	98
33) Benzene	5.120	78	2382	0.047	ug/L	100
34) Trichloroethene	5.921	95	88640	6.641	ug/L	99
35) Methylcyclohexane	6.075	83	20521	1.039	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	8727	0.713	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1405	0.114	ug/L #	48
44) trans-1,3-Dichloropropene	7.628	75	902	0.099	ug/L	86
47) Tetrachloroethene	7.976	164	12708	1.196	ug/L	97
49) Dibromochloromethane	7.979	129	11547	1.478	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	8210	1.782	ug/L #	63

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QLast Update : Wed Jul 06 00:22:14 2022
Response via : Initial Calibration

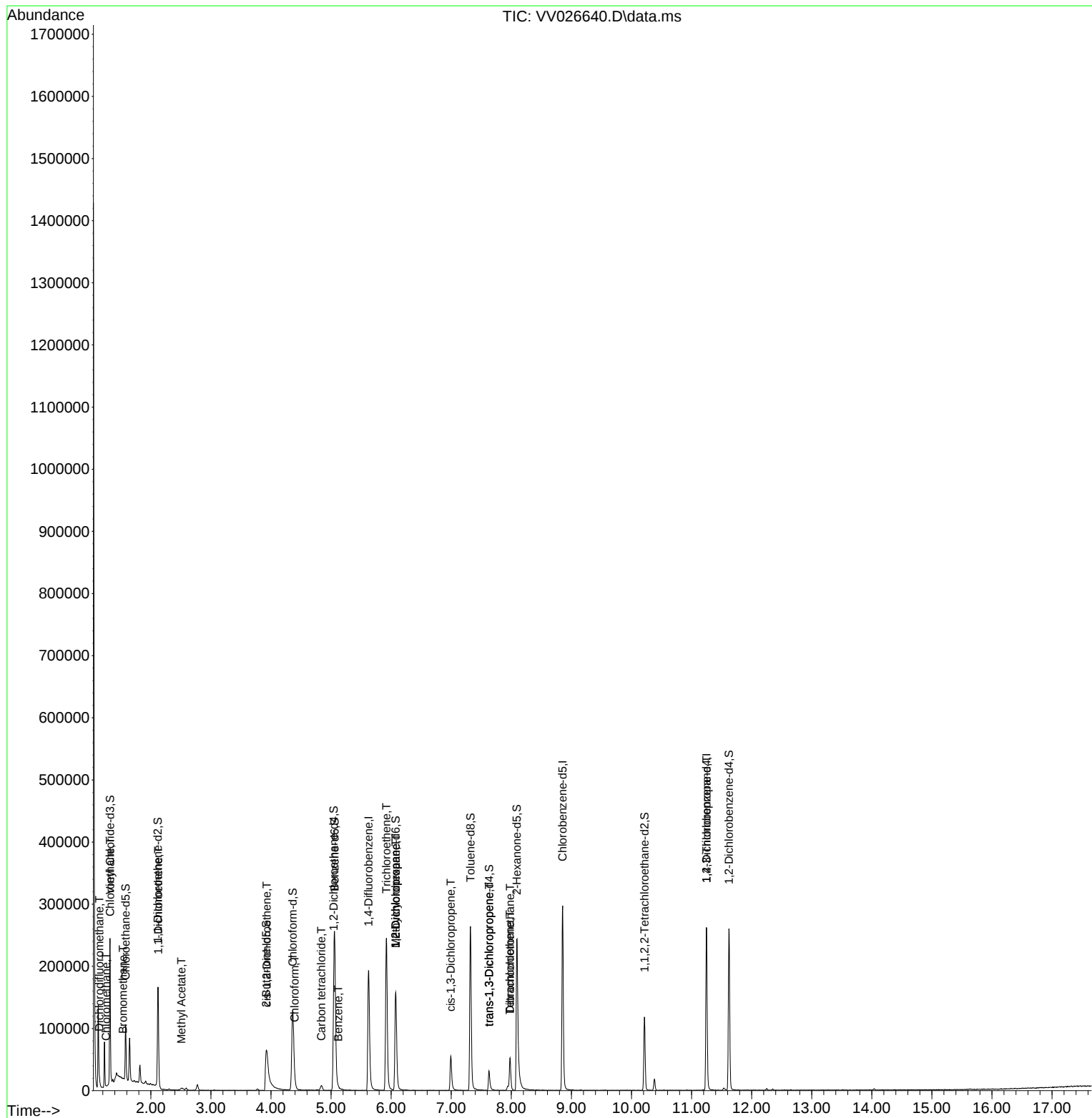
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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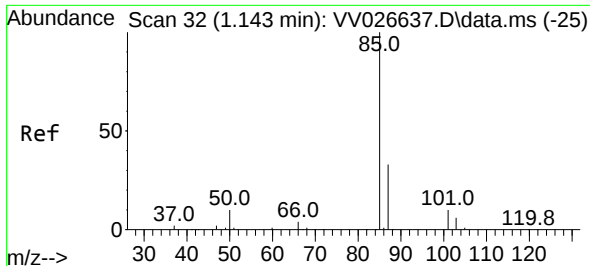
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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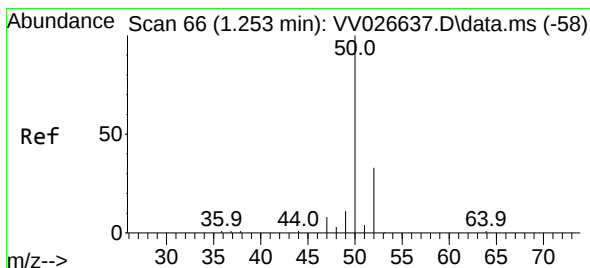
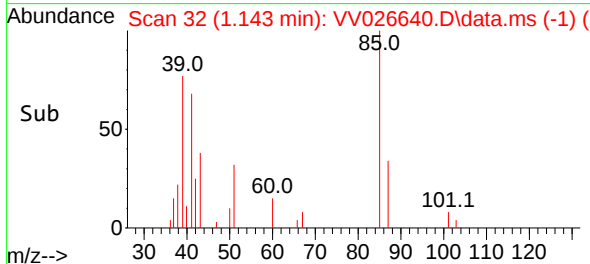
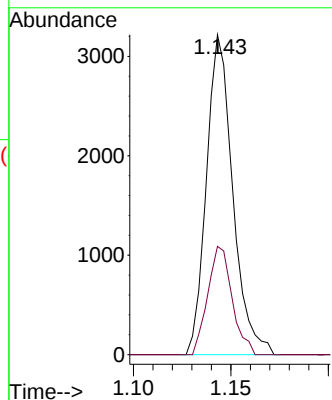
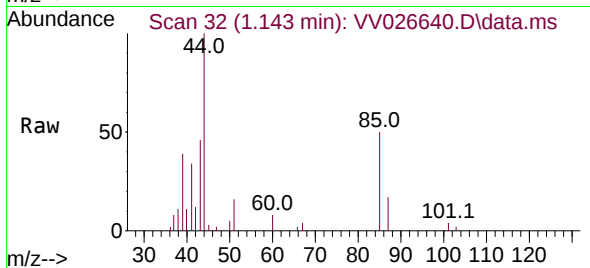




#2
 Dichlorodifluoromethane
 Concen: 0.223 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026640.D
 Acq: 05 Jul 2022 13:34

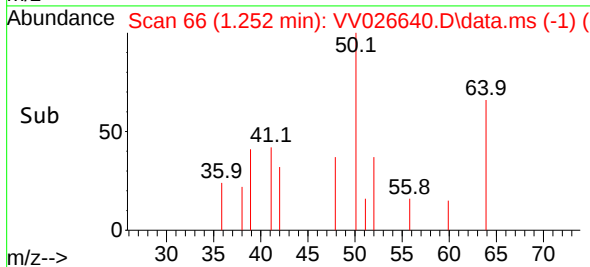
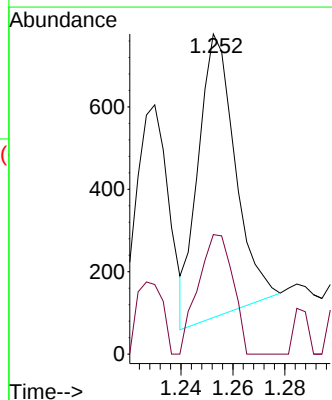
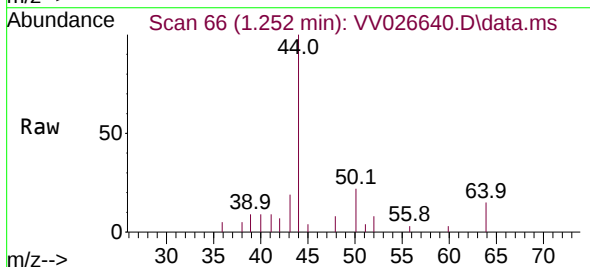
Instrument :
 MSVOA_V
 ClientSampleId :
 YB324

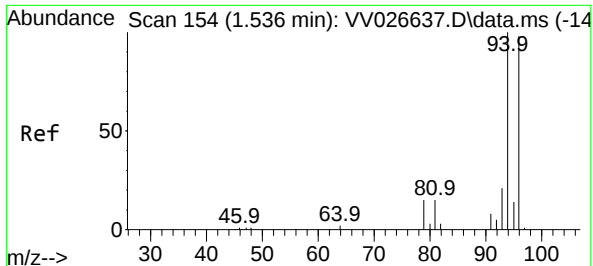
Tgt Ion: 85 Resp: 3020
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.6 38.4



#3
 Chloromethane
 Concen: 0.046 ug/L
 RT: 1.252 min Scan# 66
 Delta R.T. -0.000 min
 Lab File: VV026640.D
 Acq: 05 Jul 2022 13:34

Tgt Ion: 50 Resp: 683
 Ion Ratio Lower Upper
 50 100
 52 37.3 23.0 42.6





#6

Bromomethane

Concen: 0.060 ug/L

RT: 1.535 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV026640.D

Acq: 05 Jul 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

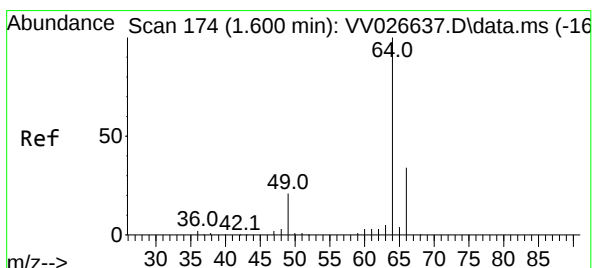
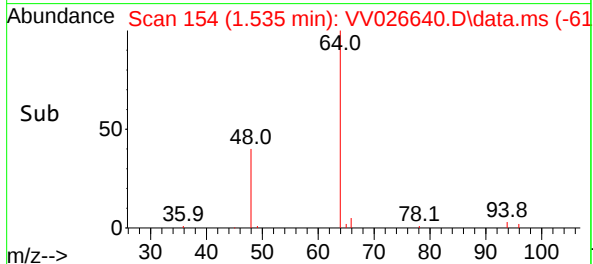
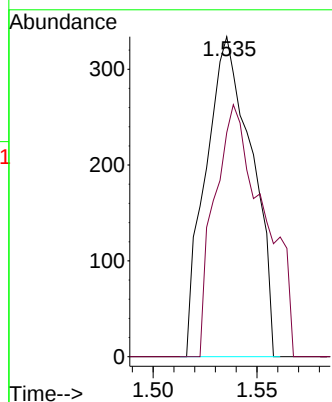
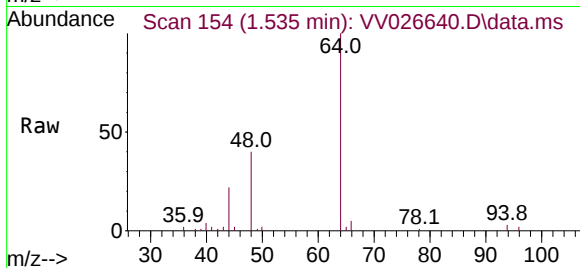
YB324

Tgt Ion: 94 Resp: 514

Ion Ratio Lower Upper

94 100

96 70.1 68.0 126.2



#8

Chloroethane

Concen: 0.127 ug/L

RT: 1.323 min Scan# 88

Delta R.T. -0.277 min

Lab File: VV026640.D

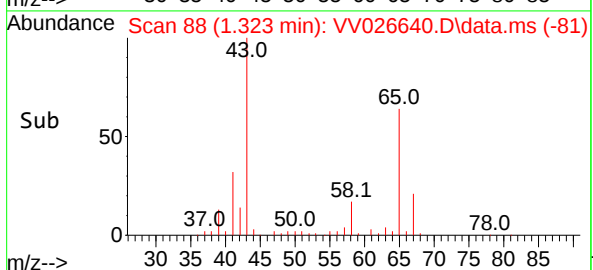
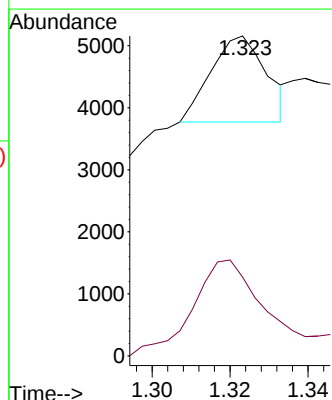
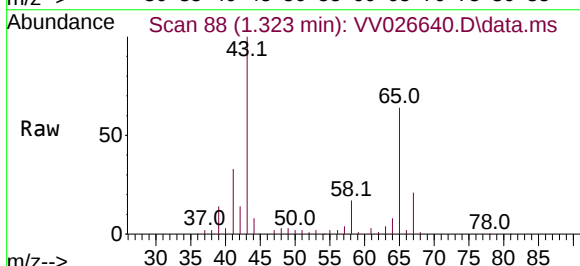
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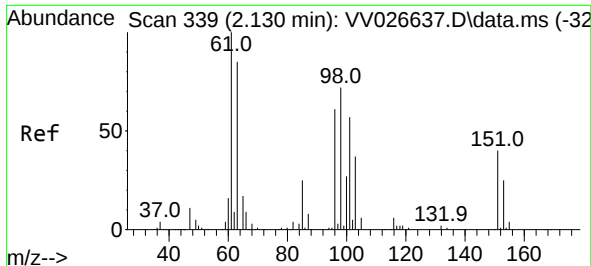
Tgt Ion: 64 Resp: 1367

Ion Ratio Lower Upper

64 100

66 24.7 20.0 37.2





#12

1,1-Dichloroethene

Concen: 0.101 ug/L

RT: 2.124 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV026640.D

Acq: 05 Jul 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

YB324

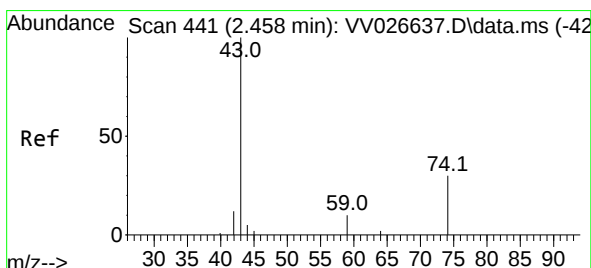
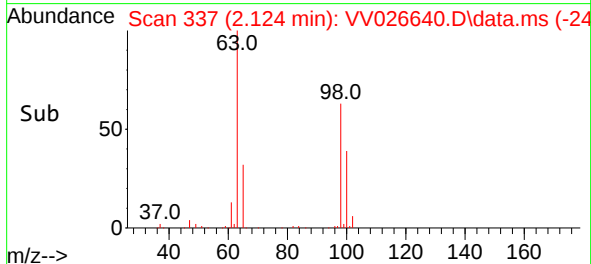
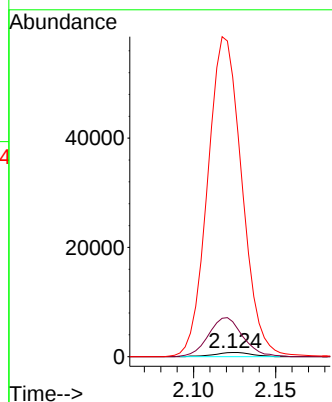
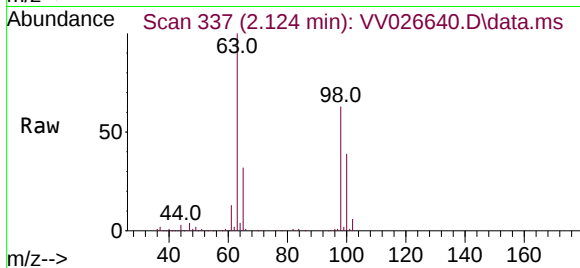
Tgt Ion: 96 Resp: 1218

Ion Ratio Lower Upper

96 100

61 841.1 115.4 214.4#

63 6722.3 87.4 162.2#



#15

Methyl Acetate

Concen: 0.493 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.051 min

Lab File: VV026640.D

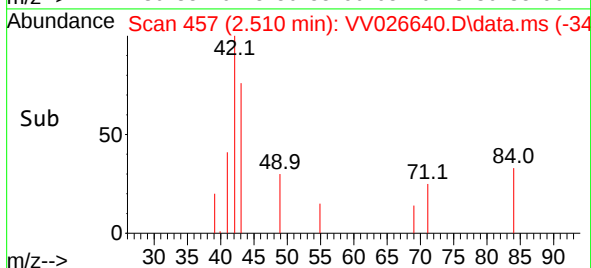
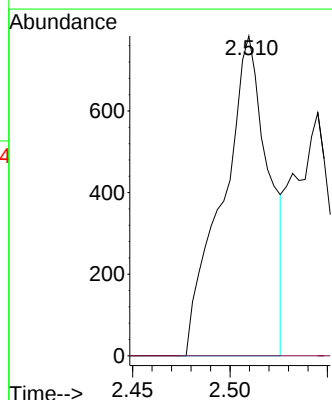
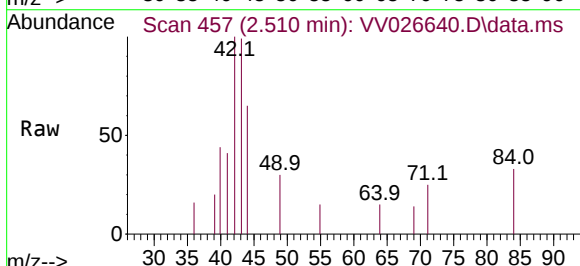
Acq: 05 Jul 2022 13:34

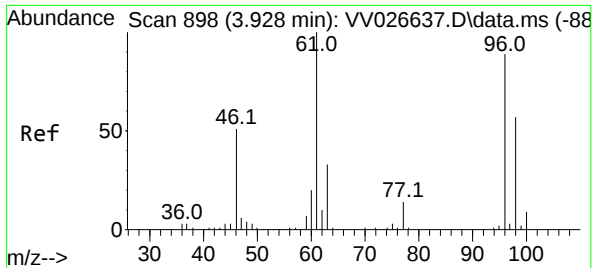
Tgt Ion: 43 Resp: 1284

Ion Ratio Lower Upper

43 100

74 0.0 22.1 33.1#





#22

cis-1,2-Dichloroethene

Concen: 1.061 ug/L

RT: 3.931 min Scan# 899

Delta R.T. 0.003 min

Lab File: VV026640.D

Acq: 05 Jul 2022 13:34

Instrument :

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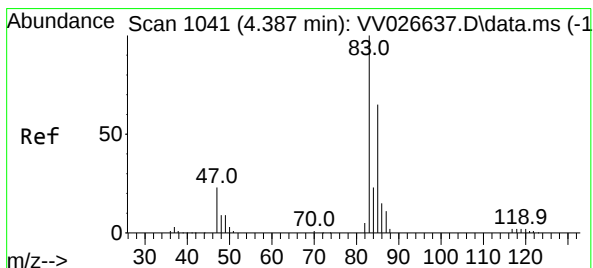
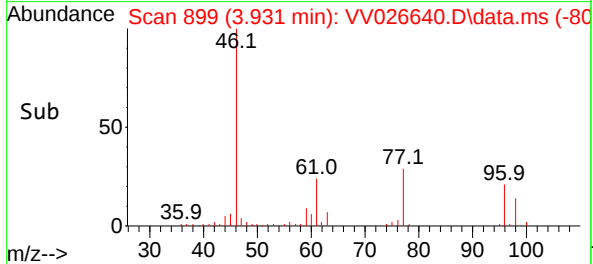
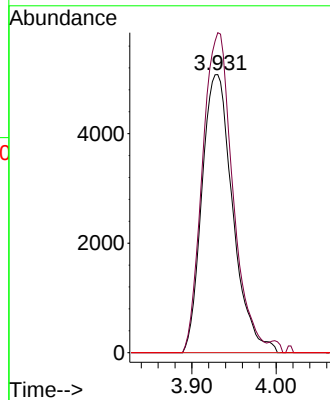
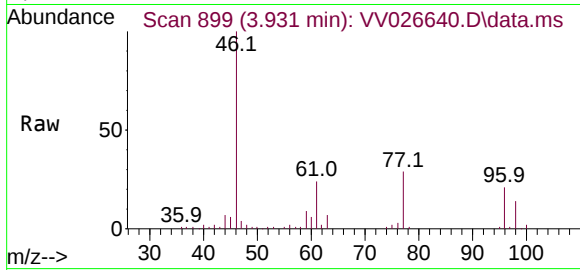
Tgt Ion: 96 Resp: 12927

Ion Ratio Lower Upper

96 100

61 115.0 82.0 152.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.406 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.003 min

Lab File: VV026640.D

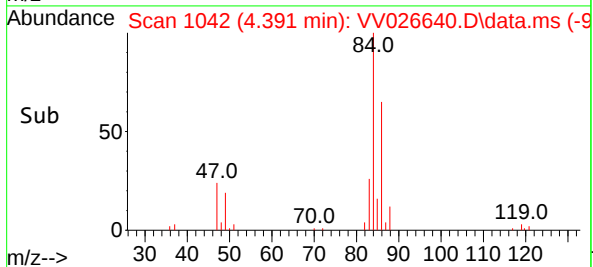
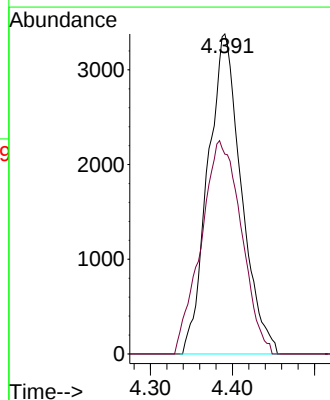
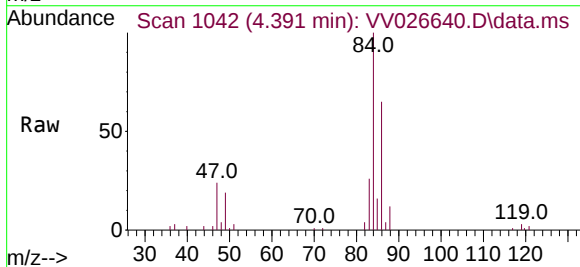
Acq: 05 Jul 2022 13:34

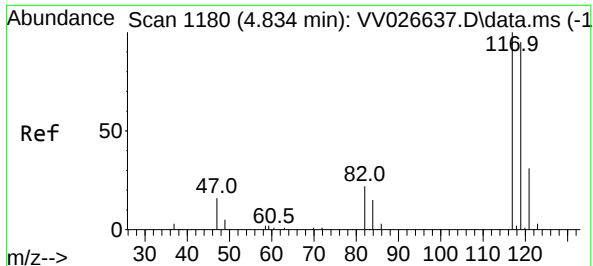
Tgt Ion: 83 Resp: 9579

Ion Ratio Lower Upper

83 100

85 62.5 44.0 81.8

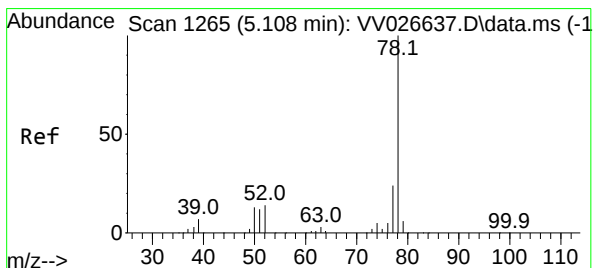
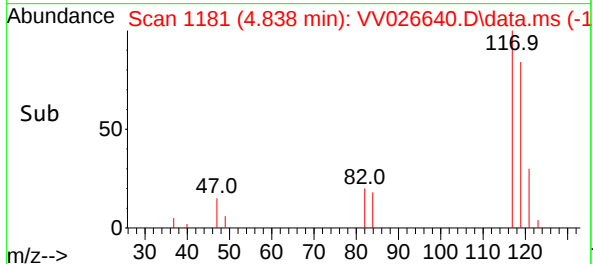
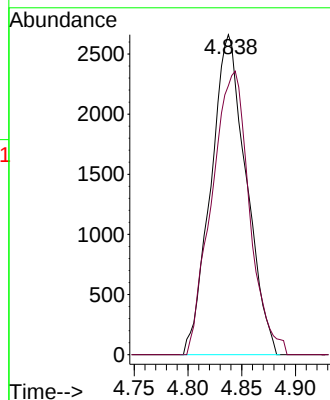
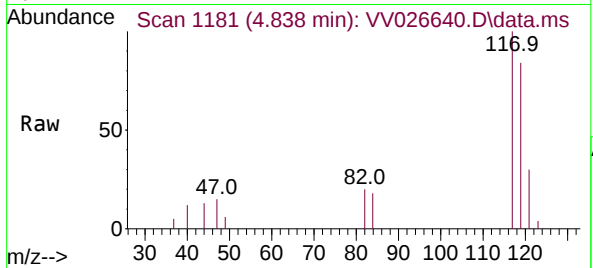




#31
Carbon tetrachloride
Concen: 0.340 ug/L
RT: 4.838 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV026640.D
Acq: 05 Jul 2022 13:34

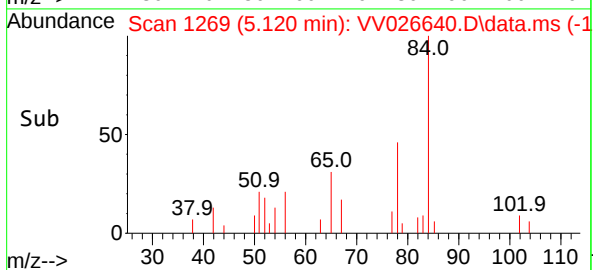
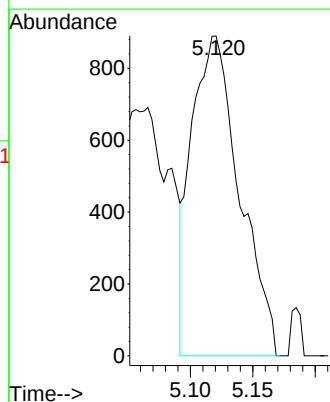
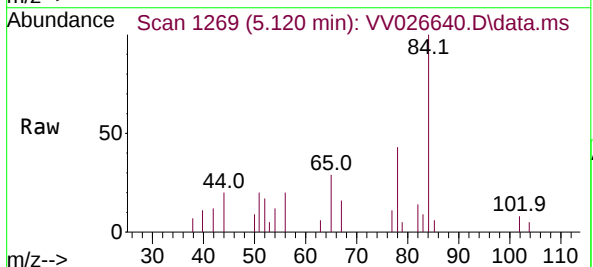
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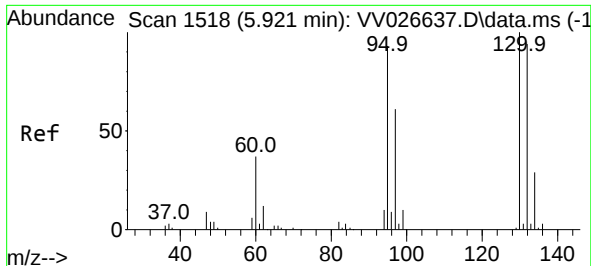
Tgt Ion:117 Resp: 6100
Ion Ratio Lower Upper
117 100
119 94.2 76.9 115.3



#33
Benzene
Concen: 0.047 ug/L
RT: 5.120 min Scan# 1269
Delta R.T. 0.013 min
Lab File: VV026640.D
Acq: 05 Jul 2022 13:34

Tgt Ion: 78 Resp: 2382

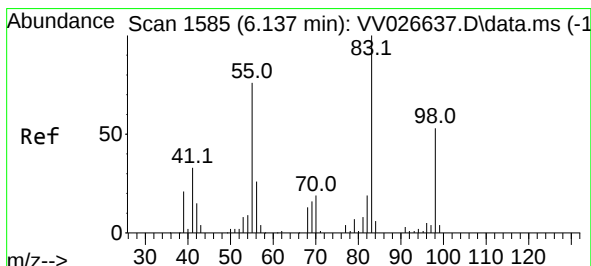
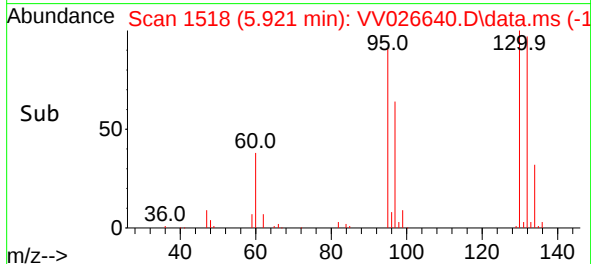
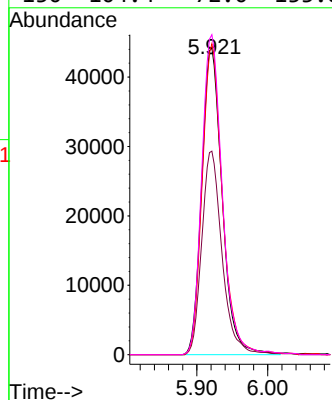
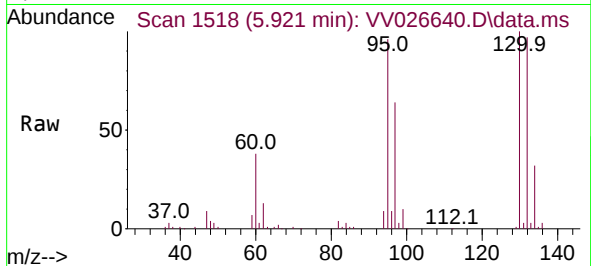




#34
Trichloroethene
Concen: 6.641 ug/L
RT: 5.921 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026640.D
Acq: 05 Jul 2022 13:34

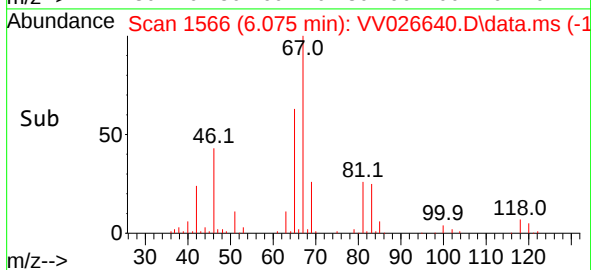
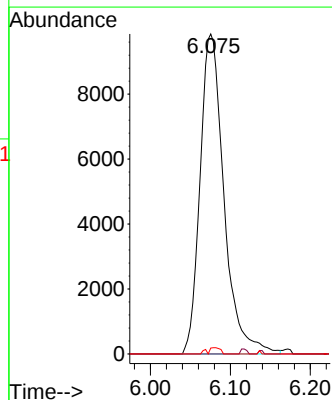
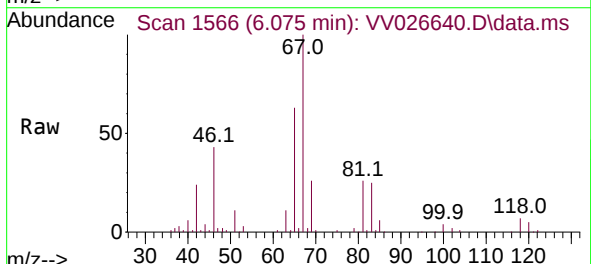
Instrument :
MSVOA_V
ClientSampleId :
YB324

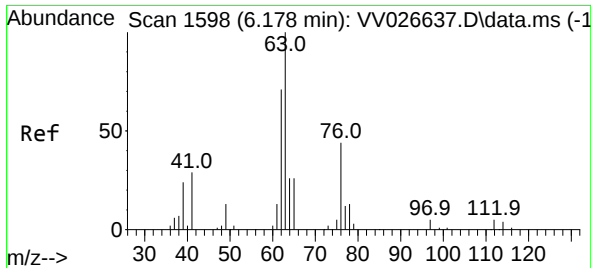
Tgt Ion: 95 Resp: 88640
Ion Ratio Lower Upper
95 100
97 66.4 46.8 87.0
132 101.4 69.9 129.7
130 104.4 72.0 133.8



#35
Methylcyclohexane
Concen: 1.039 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.061 min
Lab File: VV026640.D
Acq: 05 Jul 2022 13:34

Tgt Ion: 83 Resp: 20521
Ion Ratio Lower Upper
83 100
55 0.4 57.0 85.4#
98 0.8 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.713 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026640.D

Acq: 05 Jul 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

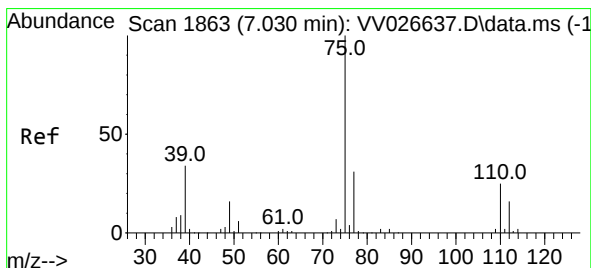
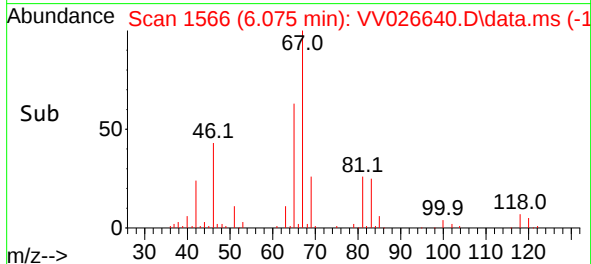
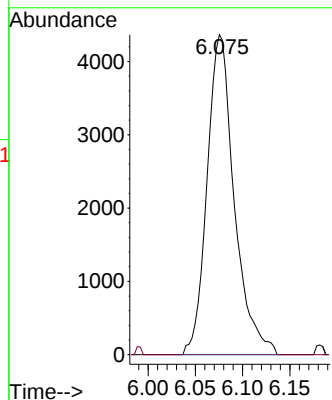
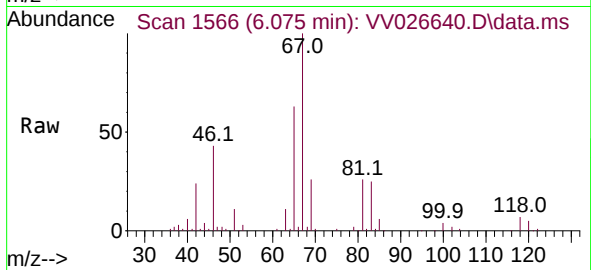
YB324

Tgt Ion: 63 Resp: 8727

Ion Ratio Lower Upper

63 100

112 0.5 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV026640.D

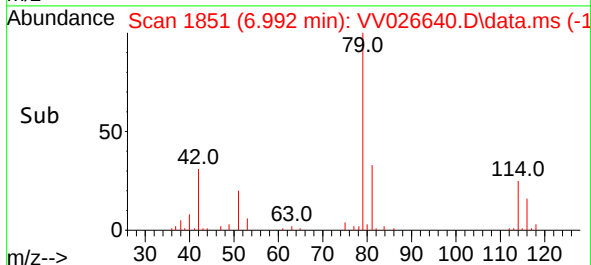
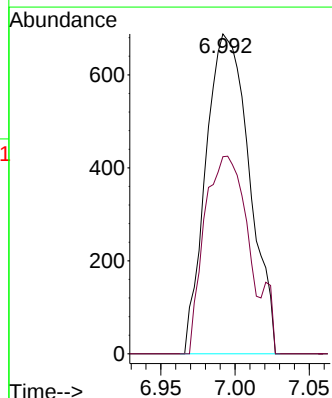
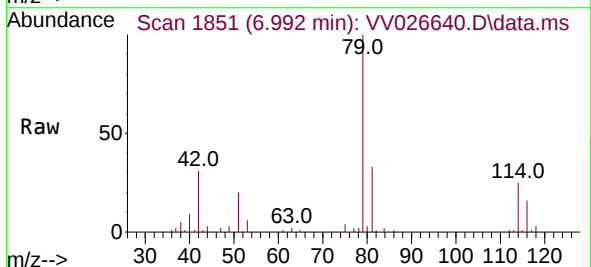
Acq: 05 Jul 2022 13:34

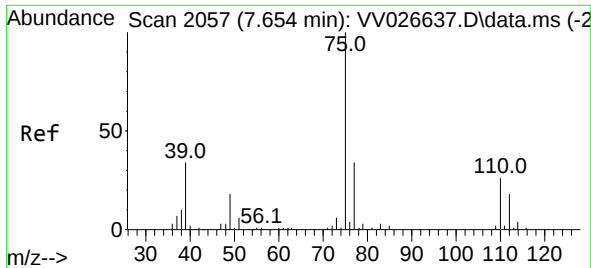
Tgt Ion: 75 Resp: 1405

Ion Ratio Lower Upper

75 100

77 61.6 22.8 42.4#

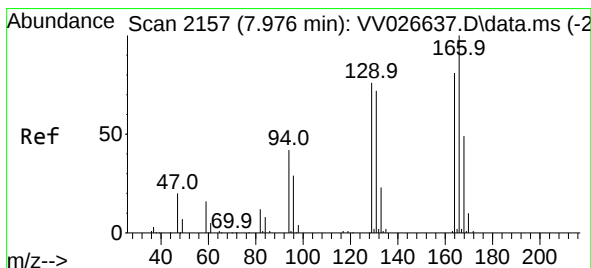
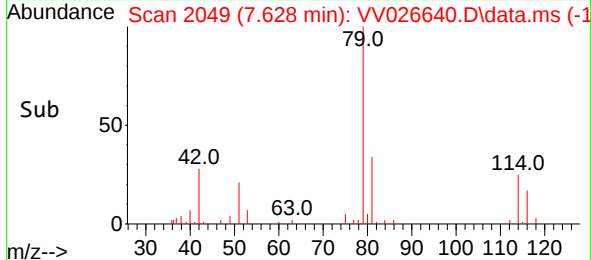
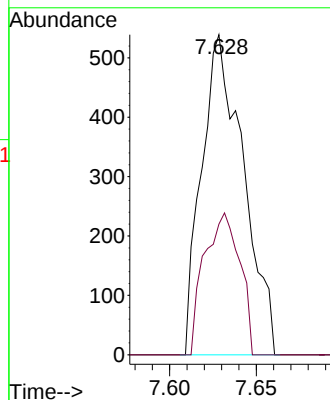
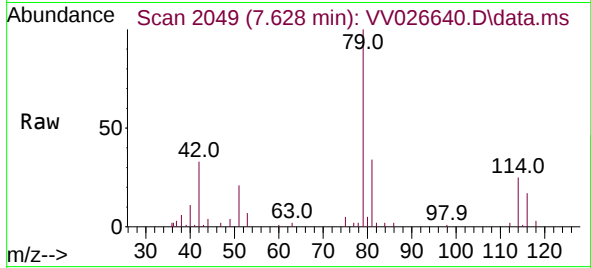




#44
trans-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.628 min Scan# 2049
Delta R.T. -0.026 min
Lab File: VV026640.D
Acq: 05 Jul 2022 13:34

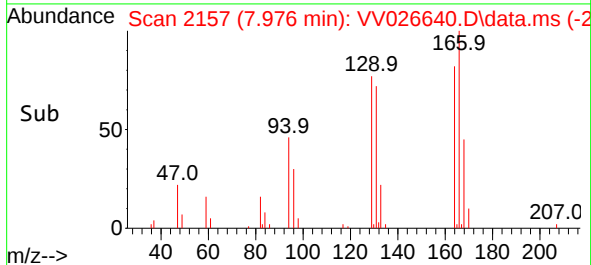
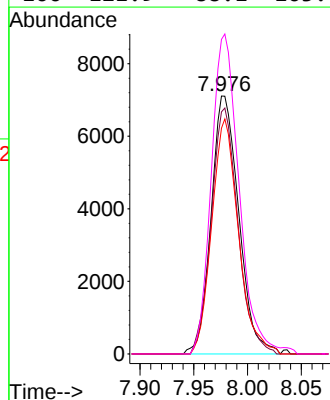
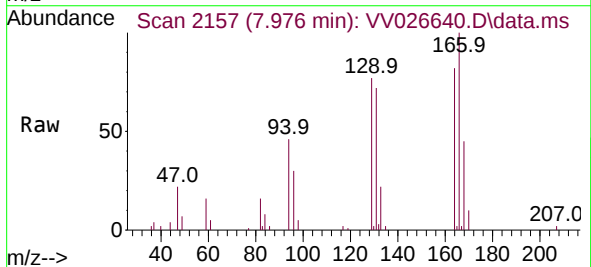
Instrument :
MSVOA_V
ClientSampleId :
YB324

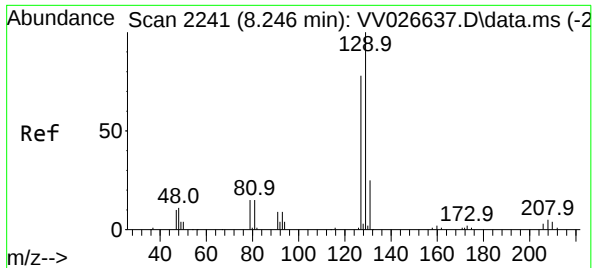
Tgt Ion: 75 Resp: 902
Ion Ratio Lower Upper
75 100
77 40.8 23.1 42.9



#47
Tetrachloroethene
Concen: 1.196 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV026640.D
Acq: 05 Jul 2022 13:34

Tgt Ion: 164 Resp: 12708
Ion Ratio Lower Upper
164 100
129 93.8 66.4 123.2
131 87.5 64.4 119.6
166 121.9 88.1 163.7





#49

Dibromochloromethane

Concen: 1.478 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026640.D

Acq: 05 Jul 2022 13:34

Instrument :

MSVOA_V

ClientSampleId :

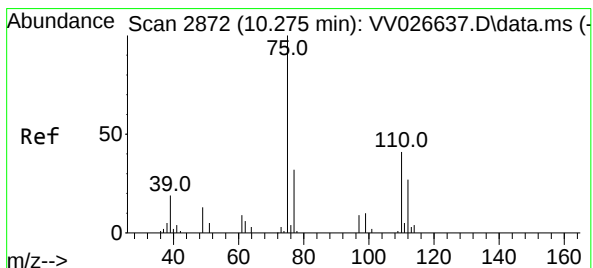
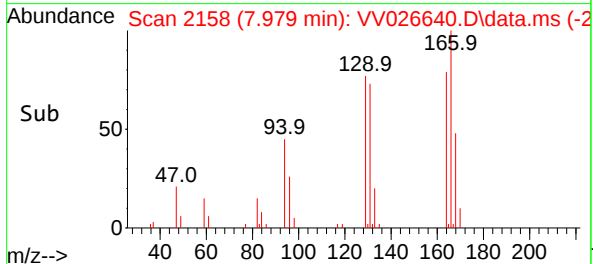
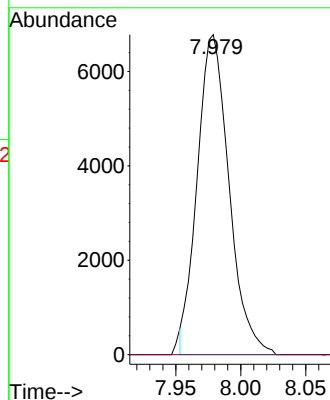
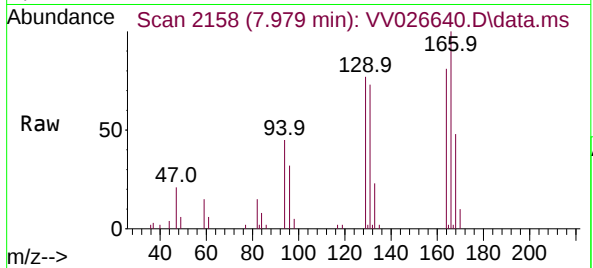
YB324

Tgt Ion:129 Resp: 11547

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 1.782 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV026640.D

Acq: 05 Jul 2022 13:34

Tgt Ion: 75 Resp: 8210

Ion Ratio Lower Upper

75 100

77 29.7 25.8 38.6

110 1.6 32.5 48.7#

